

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

Fiscal Year 2008

NCES 2010-310

U.S. DEPARTMENT OF EDUCATION

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

Fiscal Year 2008

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Tai Phan
National Center for
Education Statistics

Laura C. Hardesty
Cindy L. Sheckells
Governments Division
U.S. Census Bureau

Abe George
KGS, Inc

U.S. Department of Education

Arne Duncan
Secretary

Institute of Education Sciences

John Easton
Director

National Center for Education Statistics

Stuart Kerachsky
Acting Commissioner

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National Center for Education Statistics
Institute of Education Sciences
U.S. Department of Education
1990 K Street NW
Washington, DC 20006-5651

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Content Contact

Tai Phan
(202) 502-7431
Tai.Phan@ed.gov

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I. Introduction

This public-use file contains final data on academic libraries in the 50 states, the District of Columbia, and the outlying areas for 2008. 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.

American Library Association's Office of Research and Statistics has 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 4,166 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 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 4,084 academic libraries in the 50 states and the District of Columbia and 82 academic libraries in the outlying areas for the 2008 Academic Libraries Survey, a total of 4,166 records.

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 2008 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 B.

Reporting Period

Library circulation, interlibrary loans, operating expenditures, and library collections data are for fiscal year (FY) 2008. Fiscal year 2008 is defined as any 12-month period between June 1, 2007 and September 30, 2008, that corresponds to the institution’s fiscal year. Library staff data are for fall 2008. Other library services data are for a typical week in the fall of 2008.

Survey Response Rate

Unit Response

There were 3,827 degree-granting postsecondary institutions in the 50 states and the District of Columbia that had academic libraries in 2008¹. The response rate among these institutions was 86.7 percent.

Item Response

The response rates for each variable in the ALS 2008 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 (3,827) as the denominator. Libraries in the outlying areas as well as child institutions are considered out-of-scope for this calculation. 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 5, 2008. The survey had a due date of February 25, 2009, although it was extended to March 27, 2009. Data are collected and processed for NCES by the U.S. Census Bureau, Governments Division. For the 2008 Web-based data collection, state-level library coordinators were available to promote prompt responses from librarians.

Imputation

After editing, missing data values were imputed. The following imputation process was used to impute for missing values.

For estimation, institutions were grouped into 27 imputation cells. The imputation cells were determined based on sector and full-time equivalent (FTEUSED) enrollment. The sector categories used are (1) public, 4-year 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 survey (FY 2006) data were available and were not expected to change, then the missing value was filled with the value in the prior survey. For example, the number of reported Branches and Independent Libraries (Part A, line item 1) is likely to remain constant from survey to survey, so the prior survey value was brought forward.

If a value was missing, prior survey data was available, and the value is expected to change from the prior survey, then the missing value was filled with the prior survey value multiplied by the median growth rate within the imputation cell. For example, the number of Full-time Librarians

¹ From the universe of 4,166 records, subtract 82 institutions in the outlying areas, 251 institutions that are children, and 6 institutions that are nonrespondents with status code=3.

(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 was 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.

Changes Since Survey Year 2000

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.

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>.

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, labels, and 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 2008 data files are named as follows:

- 1) Tab delimited ASCII (flat file) format:
ALS_2008_P.1.A.TXT (Public Use)
- 2) MS ACCESS database:
ALS_2008_P.1.A.MDB (Public Use)

The file naming and versioning convention applied for the ALS 2008 file is as follows:

- Position 1-3: Survey (ALS)
- Position 4: Underscore (_)
- Position 5-8: Year (2008)
- 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)
- Position 15: Period (.)
- Position 16-18: File type (Tab delimited text file = TXT, MS Access database = MDB)

SAS and SPSS program syntax files that can be used to create 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_2008_P.1.A.SAS.TXT.
The SPSS program to read the public-use file is Read_ALS_2008_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, IPEDS defines UNITID as numeric while UNITIDs in the ALS file are in character format. Merging the files require that the UNITIDs be of the same format.

Imputation Status Flags

All variables were imputed for the 518 non-responding libraries of the 4,084 institutions with academic libraries that are located in the 50 states and in the District of Columbia. Variables were not imputed for the seven non-responding libraries located in the outlying areas. 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 naming convention for imputation 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.

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 that researchers can identify institutions that have or share a library. There are a total of 83 parent institutions that have children (i.e., 83 parent institutions have one or more child institution(s) associated with them in the ALS 2008). There are 255 child institutions associated with these parents that are retained on the data file. Those institutions 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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Appendix A
ALS 2008 FILE LAYOUT

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Appendix A ALS 2008 FILE LAYOUT

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. (http://www.itl.nist.gov/fipspubs/fip5-2.htm)	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. (http://www.itl.nist.gov/fipspubs/fip5-2.htm)	Survey
ZIP_M	9	character	Zip + four (does not include dash) of mailing address. Last four positions may be blank	Survey
STCD	4	character	State Congressional District	IPEDS
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
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 I number	IPEDS

Appendix A
ALS 2008 FILE LAYOUT

Variable Name	Field Width	Field Type	Data Element Description	Source
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
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	IPEDS

Appendix A
ALS 2008 FILE LAYOUT

Variable Name	Field Width	Field Type	Data Element Description	Source
			40 - Associates 41 - Associates and First-professional -3 - Not available	
DEGGRANT	2	numeric	Degree granting status 1 - Yes 2 - No -1 - Not reported	IPEDS
PCTMIN1	3	numeric	Percent minority, generated from 2007 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 2007 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 2007 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 2007 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
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	IPEDS

Appendix A ALS 2008 FILE LAYOUT

Variable Name	Field Width	Field Type	Data Element Description	Source
			<p>of baccalaureate programs, and they are committed to graduate education through the master's degree.</p> <p>They award 40 or more master's degrees per year across three or more disciplines.</p> <p>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.</p> <p>They award 20 or more master's degrees per year.</p> <p>31 - Baccalaureate Colleges–Liberal Arts: These institutions are primarily undergraduate colleges with major emphasis on baccalaureate programs.</p> <p>They award at least half of their baccalaureate degrees in liberal arts fields.</p> <p>32 - Baccalaureate Colleges–General: These institutions are primarily undergraduate colleges with major emphasis on baccalaureate programs.</p> <p>They award less than half of their baccalaureate degrees in liberal arts fields.</p> <p>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.</p> <p>40 - Associate's Colleges: These institutions offer associate's degrees and certificate programs but, with few exceptions, award no baccalaureate degrees.</p> <p>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.</p> <p>Specialized institutions include:</p> <p>51 - Theological seminaries and other specialized faith-related institutions: These institutions primarily offer religious instruction or train members of the clergy.</p> <p>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.</p> <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>-2 - Not applicable -3 - Not available</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 http://nces.ed.gov/ipeds.</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 http://nces.ed.gov/pubsearch/pubsinfo.aps?pubid=91396</p> <p>3. Liberal arts fields include the following fields (as listed in the Classification of Instructional Programs):</p>	

Appendix A
ALS 2008 FILE LAYOUT

Variable Name	Field Width	Field Type	Data Element Description	Source
			<p>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>	
CCBASIC	2	numeric	<p>Carnegie Classification 2005: Basic Code The 2005 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 2005 basic edition classifies institutions based on their degree-granting activities from 2003 and 2004. Institutions might be classified differently using a different timeframe.</p> <p>Associate's Colleges: These institutions offer associate's degrees and certificate programs but, with few exceptions, award no baccalaureate degrees.</p> <p>1 - Associate's – Public Rural – serving small 2 - Associate's – Public Rural – serving Medium 3 - Associate's – Public Rural – serving Large 4 - Associate's – Public Suburban – serving single campus 5 - Associate's – Public Suburban – serving Multi-campus 6 - Associate's – Public Urban – serving single campus 7 - Associate's – Public Urban – serving Multi-campus 8 - Associate's – Public special use 9 - Associate's – Private Not-for-profit 10 - Associate's – Private For-profit 11 - Associate's – Public 2-year colleges under 4-year universities 12 - Associate's – Public 4-year primarily Associate's 13 - Associate's – Private not-for-profit 4-year primarily Associate's 14 - Associate's – Private for-profit 4-year primarily Associate's</p> <p>Doctorate-granting Universities: Institutions are included in these categories if they awarded at least 20 doctorates in 2003-04. They were assigned to one of the three categories based on a measure of research activities</p> <p>15 - Research Universities (very high research activity) 16 - Research Universities (high research activity) 17 – Doctoral/Research Universities</p> <p>Master's Colleges and Universities: Institutions were included in these categories if they awarded at least 50 master's degrees in 2003-04, but fewer than 20 doctorates.</p> <p>18 - Master's Colleges and Universities (larger programs): These institutions award 200 or more master's degrees. 19 - Master's Colleges and Universities (medium programs): These institutions award 100 to 199 master's degrees. They award 20 or more master's degrees per year. 20 - Master's Colleges and Universities (smaller programs): These institutions award 50 to 99 master's degrees.</p> <p>Baccalaureate Colleges – Institutions were included in these categories if bachelor's degrees accounted for at least 10 percent of all undergraduate degrees and they awarded fewer than 50 master's degrees. Excludes Tribal Colleges or as Special Focus Institutions.</p> <p>21 - Baccalaureate Colleges – Arts and Sciences: Institutions where bachelor's degrees represented at least half of all undergraduate degrees, and at least half of the bachelor's degrees majored in arts and sciences fields. 22 - Baccalaureate Colleges – Diverse Fields: Institutions where bachelor's degrees represented at least half of all undergraduate degrees and are not included in the Arts and Sciences categories 23 - Baccalaureate/Associate's Colleges: Institutions where bachelor's degrees represent at least 10 percent but less than half of undergraduate degrees.</p> <p>Special Focus Institutions - These institutions offer degrees ranging from bachelor's doctorates, 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.</p>	IPEDS

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Variable Name	Field Width	Field Type	Data Element Description	Source
			<p>Special Focus institutions include:</p> <p>24 - Theological seminaries, Bible Colleges and other faith-related institutions: These institutions primarily offer religious instruction or train members of the clergy.</p> <p>25 - 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.</p> <p>26 - Other separate health profession schools: These institutions award most of their degrees in such fields as chiropractic, nursing, pharmacy, or podiatry.</p> <p>27 - Schools of engineering: These institutions award most of their bachelor's or graduate degrees in engineering.</p> <p>28 - Other technology-related schools: These institutions award most of their bachelor's or graduate degrees in technology-related fields.</p> <p>29 - Schools of business and management: These institutions award most of their bachelor's or graduate degrees in business or business-related programs.</p> <p>30 - 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>31 - Schools of law: These institutions award most of their degrees in law.</p> <p>32 - Other special-focus institutions: Institutions in this category include graduate centers, maritime academies, military institutes, and institutions that do not fit any other classification category.</p> <p>33 - Tribal Colleges: These colleges are, with few exceptions, tribally controlled and located on reservations. They are all members of the American Indian Higher Education Consortium.</p> <p>0 - Not Classified</p> <p>-3 - Not Applicable, not in Carnegie universe (not accredited or nondegree-granting)</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 http://nces.ed.gov/ipeds.</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 http://nces.ed.gov/pubsearch/pubsinfo.aps?pubid=91396</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>	
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 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</p>	IPEDS

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Variable Name	Field Width	Field Type	Data Element Description	Source
			<p>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
DATSRC	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
IMPUTE	1	character	<p>Impute indicator</p> <p>1 - at least one part is imputed</p> <p>0 - not imputed</p>	Derived
PARTAF1	1	character	<p>Imputation flag for item 100. 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>*partaflag1 will never be 2 because there is only one line item in this part.</p>	Derived
PARTB1	1	character	<p>Imputation flag for items 200-205, 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:</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>	Derived
PARTB2	1	character	<p>Imputation flag for fringe benefits, items 206 and 207. 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>	Derived
PARTC1	1	character	<p>Imputation flag for the outer column of items 300, 303, and 305-311. 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>	Derived

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Variable Name	Field Width	Field Type	Data Element Description	Source
			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	
PARTCFLAG2	1	character	Imputation flag for the inner column of items 301, 302, and 304. 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 items 400 and 402-405. 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 item 401. 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 items 500-506. 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 items 507 and 508. 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
PARTEFLAG3	1	character	Imputation flag for items 509 and 510. 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 600-602. 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 Mathematical Statisticians at Census. The value of this variable should not change after the imputed file leaves the Mathematical Statisticians. (MMDDYYYY)	Derived
FTEUSED	8	numeric	2008 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. 3 - Combined with Children FTE 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

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Variable Name	Field Width	Field Type	Data Element Description	Source
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
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
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 items 200 and 201, 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 items 202 through 204, 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 items 202 through 204, col.2)	Survey
XFRINGEYN	1	character	Statusflag	Survey
FRINGEYN	1	character	Are employee fringe benefits paid from the library budget 1 - Yes 2 - No	Survey

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Variable Name	Field Width	Field Type	Data Element Description	Source
			N - nonresponse	
XFRINGE	1	character	Statusflag	Survey
FRINGE	12	numeric	Employee fringe benefits (if paid from the library budget)	Survey
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 items 205, 300, 303, 305 through 310)	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

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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 items 500 and 501)	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 items 503, 504 and 505)	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
XPRESEN	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
TECHYN	1	character	Technology to assist patrons with disabilities (e.g., TDD, specially equipped work stations)	Survey

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Variable Name	Field Width	Field Type	Data Element Description	Source
			1 - Yes 2 - No N - No response	
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 S - Not Applicable 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 S - Not Applicable N - nonresponse	Survey

Appendix B

ALS 2008 SURVEY INSTRUMENT AND INSTRUCTIONS

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Instructions for the Academic Library Survey – FY 2008

GENERAL INSTRUCTIONS

Please respond to each item in this survey. 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 ITEMS BLANK. If an item is left blank, NCES will estimate a value using the average for institutions with similar characteristics. Include data for the main or central library and all branch and independent libraries that were open all or part of fiscal year 2008.

LIBRARY - An entity that provides all of the following:

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

This includes libraries that are part of learning resource centers.

Number of Public Service Outlets and Library Staff, Fall 2008 - Academic Library Survey

Number of Public Service Outlets, Fiscal Year 2008

Branch and independent libraries (item 100) - Report the number of branch and independent libraries at your institution that were open all or part of fiscal year 2008. 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.

Library Staff, Fall 2008 and Salaries/Wages, FY 2008

Column (1), Full-time equivalent (FTE) employees (items 200-205) - Report the number of filled or temporarily vacant FTE positions during Fall 2008. To compute FTEs for part-time employees and student assistants, take the TOTAL number of hours worked per week by part-time employees and divide it by the number of hours in the library's 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.

Exclude maintenance and custodial staff, volunteers, and contributed services staff, such as members of religious orders, whose services are valued by bookkeeping entries rather than by full cash transactions.

Column (2), Salaries and wages (items 202-205) - Report expenditures in FY 2008 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 in item 207.

Librarians (item 200) - 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 (item 201) - 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 (item 202) - Report the sum of items 200 and 201, column 1.

All other paid staff (except student assistants) (item 203) - Report the total FTE of all other library staff, including technical and clerical staff who are paid annual salaries or hourly wages.

Student assistants from all funding sources (item 204) - Report the total FTE of student assistants, employed on an hourly basis. Include salaries and wages from all sources (e.g., College Work Study Program). If not available leave line blank.

Total FTE staff (item 205) - Report the sum of items 202 through 204, columns 1 and 2.

Employee fringe benefits (item 206) - If benefits are paid from the library budget, select "Y" and report the amount in item 207. If benefits are not paid from the library budget, select "N" and skip to item 300.

Benefits (item 207) - If benefits are paid from the library budget, report the amount here.

Library Expenditures, Fiscal Year 2008 - Academic Library Survey

Total salaries and wages (item 205) - This line will automatically be filled in from the total Salaries and Wages Expenditures from the previous section.

Expenditures on information resources and operations (items 300-311) - Report funds expended by the library in fiscal year 2008 (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, 2007 to September 30, 2008.** 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 (items 300-307)

Books, serial backfiles, and other materials (one time purchases) (item 300) - Report expenditures for published materials in all formats except current subscriptions to serials.

Electronic (item 301) - 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 item 300 above. Therefore, item 301 is not added into Total Expenditures (item 311).

Audiovisual (item 302) - 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 item 300 above. Therefore, item 302 is not added into Total Expenditures (item 311).

Current serial subscriptions (ongoing commitments) (item 303) - 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 (item 304) - 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 item 303. Therefore, item 304 is not added into Total Expenditures (item 311).

Other Information Resources (items 305-307)

Document delivery/interlibrary loan (item 305) - 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 branches reported in item 100, transactions between branches (item 100), or expenditures for on campus delivery.

Preservation (item 306) - 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. Also, include preservation-related contracts for services (e.g. digitization). Do not include staff salaries and wages.

Other expenditures for information resources (item 307) - Report any other collection expenditures not already included in items 300, 303, 305, and 306, such as expenditures for cartographic materials and manuscripts. Include copyright fees and fees for database searches, e.g. (DIALOG, Lexis-Nexis).

Operating Expenditures (items 308-310)

Computer hardware and software (item 308) - Report expenditures from the library 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 in item 304.

Bibliographic utilities, networks, and consortia (item 309) - 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 items 301, 304, and 305.

All other operating expenditures (item 310) - Report all other expenditures from the library budget not already reported in items 205 through 309 except employee fringe benefits that are reported in item 207. Exclude expenditures for new buildings and building renovations. Include all expenditures for furniture and equipment except computer hardware, which should be reported in item 308. Include any related maintenance costs.

Total Expenditures (item 311) - Report the sum of items 205, 300, 303, 305 through 310.

Library Collections, Fiscal Year 2008 - Academic Library Survey
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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 during FY 2008. 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 FY 2008. To get this figure, take the total number held at the end of FY 2007, add the number added during FY 2008, and subtract the number withdrawn FY 2008.

Books, serial backfiles and other paper materials (include government documents) (item 400) - 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 print photographs, 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 (item 401) - Report the number of electronic monographs that have been cataloged by your library and are accessible through the library's catalog.

Microforms (item 402) - 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 (item 403) - 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 subscriptions (item 404) - 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 item 405.

Electronic reference sources and aggregation services (item 405) - 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); 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 that, 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."]

Library Services, Fiscal Year 2008 - Academic Library Survey

Interlibrary loans and documents (items 500-506) - In items 500 and 501, report the number of filled requests for material provided to other libraries. In items 503 and 504, report the number of filled requests for material received from other libraries. Do not include transactions between the main or central library and branches reported in item 100, or transactions between branches (item 100).

Returnables (item 500 and 503) - Report materials that the library expects to have returned. Examples of returnables include books, dissertations and theses, microfilm reels, sound recordings, and audiovisual material.

Non-returnables (item 501 and 504) - Report materials that the 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 (item 505) - 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 loans (items 502 and 506) - Sum items 500 and 501 for item 502, and sum items 503, 504, and 505 for item 506.

General circulation transactions (item 507) - Report the number of items lent from the general collection. Include both initial transactions and renewals.

Reserve circulation transactions (item 508) - Report reserve transactions of all types. Include both initial transactions and renewals.

Information services to groups (items 509 and 510) - Report the total number of presentations (item 509) and the total number of persons attending or served by those presentations (item 510). 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. Self-paced tutorials and staff training should be excluded, as well as meetings sponsored by other groups using library meeting rooms. Include web-based presentations.

Library Services - Typical Week, Fall 2008 - Academic Library Survey

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 2008 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 (item 600) - 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 (item 601) - 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. If the library is virtual or entirely electronic, please leave the line blank.

Reference transactions in a typical week (item 602) - Report the total number of reference transactions in a typical week. A reference transaction is an information contact that involves the knowledge, use, recommendation, interpretation, or instruction in the use of one or more information sources by a member of the library staff. Information sources include printed and non-printed materials, machine-readable databases (including assistance with computer searching),

Appendix B
ALS 2008 SURVEY INSTRUMENT AND INSTRUCTIONS

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.

Electronic Services, Fall 2008 - Academic Libraries Survey

This section requests information about the electronic services provided by the library. The questions require a "yes" or "no" response. If the answer was "yes" at any time during the academic year, respond "yes".

Information Literacy, Fall 2008 - Academic Library Survey

This section requests information about institutional support for information literacy, which includes the set of skills needed to find, retrieve, analyze, and use information. The questions require a "yes" or "no" response.

Items 800-804 ask about information literacy activities undertaken by the postsecondary institution, not by the library.

ACADEMIC LIBRARIES SURVEY

SURVEY ELIGIBILITY

You are eligible to complete the survey if your institution has its own library, defined as an entity that provides all of the following:

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

Data collected by NCES are used for statistical and directory purposes only.

ACADEMIC LIBRARIES SURVEY

OUTLETS & STAFF, FY 2008

Item	Outlets	Number
100	Branch and independent libraries – Exclude main or central library	_____

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

Item	Staff	FALL 2008 Number of full-time equivalents (FTEs) (1)	FY 2008 Salaries and wages (whole dollars only) (2)
200	Librarians	_____	
201	Other professional staff	_____	
202	Total librarians and other professional staff (sum items 200 and 201)	_____	\$ _____
203	All other paid staff (except student assistants)	_____	\$ _____
204	Student assistants from all funding sources	_____	\$ _____
205	Total full-time equivalent (FTE) staff (sum items 202, 203 and 204)	_____	\$ _____
206	Are employee fringe benefits paid from the library budget? If no, select "N" and skip to item 300		_____ (Yes/No)
207	Employee fringe benefits (if paid from library budget)		\$ _____

ACADEMIC LIBRARIES SURVEY

LIBRARY EXPENDITURES, FY 2008

See instructions for definitions.

Item	Expenditures	Amount (whole dollars only)
205	Total salaries and wages (from previous page):	\$ _____
	Information resources:	
300	One-time purchases of books, serial backfiles and other materials	\$ _____
301	Electronic \$ _____	
302	Audiovisual \$ _____	
303	Ongoing commitments to serial subscriptions	\$ _____
304	Electronic serials \$ _____	
	Other information resources:	
305	Document delivery/interlibrary loan	\$ _____
306	Preservation	\$ _____
307	Other expenditures for information resources	\$ _____
	Operating expenditures:	
308	Computer hardware and software (include maintenance)	\$ _____
309	Bibliographic utilities, networks and consortia	\$ _____
310	All other operating expenditures	\$ _____
311	TOTAL EXPENDITURES (Sum 205, 300, 303 and 305 through 310)	\$ _____

ACADEMIC LIBRARIES SURVEY

LIBRARY COLLECTIONS, FY 2008

See instructions for definitions.

Item	Collections	Added during the Fiscal Year (1)	Held at end of Fiscal Year (2)
400	Books, serial backfiles and other paper materials (include government documents)	_____	_____
401	E-Books	_____	_____
402	Microforms	_____	_____
403	Audiovisual materials	_____	_____
404	Current serial titles	_____	_____
405	Electronic reference sources and aggregation services	_____	_____
406	Is the library collection entirely electronic?	Yes/No _____	

ACADEMIC LIBRARIES SURVEY

LIBRARY SERVICES, FY 2008

See instructions for definitions.

Item	Services	Number
Interlibrary loans and documents provided to other libraries:		
500	Returnable	_____
501	Non-returnable	_____
502	Total provided (sum of items 500 and 501)	_____
Interlibrary loans and documents received:		
503	Returnable	_____
504	Non-returnable	_____
505	Documents received from commercial services	_____
506	Total received (sum of items 503, 504 and 505)	_____
Circulation:		
507	General circulation transactions	_____
508	Reserve circulation transactions	_____
Information services to groups:		
509	Number of presentations	_____
510	Total attendance at all presentations	_____

ACADEMIC LIBRARIES SURVEY

LIBRARY SERVICES, TYPICAL WEEK, FALL 2008

See instructions for definitions.

Item	Services	Number in a typical week
600	Number of weekly public service hours	_____
601	Gate count in a typical week	_____
602	Reference transactions in a typical week	_____

ACADEMIC LIBRARIES SURVEY

ELECTRONIC SERVICES, FY 2008

See instructions for definitions.

Item	Services	Yes/No
	Does your library provide the following?	
700	Documents digitized by the library staff	_____
701	Library reference service by e-mail or the Web	_____
702	Technology to assist patrons with disabilities (e.g., TDD, specially equipped work stations)	_____
703	Electronic theses and dissertations produced by your students	_____

ACADEMIC LIBRARIES SURVEY

INFORMATION LITERACY, FY 2008

See instructions for definition.

Item		Yes/No
Does your postsecondary institution have the following, or has it done the following?		
800	A definition of information literacy or of an information literate student	_____
801	Incorporated information literacy in the institution's mission	_____
802	Incorporated information literacy in the institution's strategic plan If no, select "N" and skip 803 and 804.	_____
803	An institution-wide committee to implement the strategic plans for information literacy	_____
804	The strategic plan formally recognizes the library's role in information literacy instruction?	_____

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Appendix C

Distribution of Continuous Variables on Academic Libraries Survey: 2008

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Appendix C—Distribution of Continuous Variables on Academic Libraries Survey: 2008

Variable	Label	Minimum	Maximum	Mean
PCTMIN1	Percent Black non-Hispanic 2008 Fall Enroll	0.00	100.00	14.48
PCTMIN2	Percent American Indian 2008 Fall Enroll	0.00	100.00	1.50
PCTMIN3	Percent Asian/Pacific Islander 2008 Fall Enroll	0.00	100.00	4.32
PCTMIN4	Percent Hispanic 2008 Fall Enroll	0.00	100.00	9.81
FTEUSED	2008 IPEDS Fall Full-Time Equivalent Enrollment	0.00	369,208.00	3,659.03
BRANCHES	Number of Branch and Independent Libraries	0.00	70.00	0.77
STLIBS	Staff - Librarians	0.00	417.88	6.56
STOTHPRO	Staff - Other Professional Staff	0.00	190.00	1.88
STLIBPRO	Staff - Total Librarians and Other Professional Staff	0.00	555.21	8.44
STOTH	All Other Paid Staff	0.00	541.11	8.41
STASST	Student Assistants	0.00	240.00	6.00
STTOT	Total Full Time Equivalent Staff	0.00	1,229.01	22.85
SWLIBPRO	Salary & Wage - Librarian and Other Professional Staff	0.00	40,369,569.00	703,112.65
SWOTH	Salary & Wage - Other Paid Staff	0.00	20,660,430.00	491,769.23
SWASST	Salary & Wage - Student Assistant	0.00	2,985,402.00	109,352.20
SWTOT	Salary & Wage - Total Full Time Equivalent	0.00	62,798,140.00	1,082,169.79
FRINGE	Fringe Benefit	0.00	17,008,973.00	264,206.86
EXBKS	Expenditure - Books	0.00	29,488,774.00	190,269.34
EXELBKS	Expenditure - Electronic Books	0.00	8,300,096.00	32,310.34
EXAUD	Expenditure - Audio visual	0.00	1,496,897.00	10,606.85
EXCUSER	Expenditure - Serial Subscription	0.00	13,686,368.00	410,764.98
EXELSER	Expenditure - Electronic serials	0.00	10,227,659.00	241,838.74
EXDEL	Expenditure - Document Deliver	0.00	1,003,227.00	7,326.95
EXPRES	Expenditure - Preservation	0.00	1,693,079.00	10,012.46
EXOTHIR	Expenditure - Other Information Resources	0.00	4,673,283.00	23,611.26
EXCOMP	Expenditure - Computer Hardware Software	0.00	2,400,995.00	38,307.82
EXBIB	Expenditure - Bibliographic Utilities	0.00	2,094,115.00	27,391.53
EXOTH	Expenditure - All Other Operating Expenditure	0.00	17,083,928.00	173,182.42
EXTOT	Expenditure - Total	0.00	117,884,296.00	1,637,271.38
COLBKSA	Collections - Books - Added	0.00	507,000.00	5,800.43
COLEBKSA	Collections - E Books - Added	0.00	526,128.00	4,862.22
COLMICRA	Collections - Microforms - Added	0.00	547,741.00	1,700.80
COLAUDA	Collections - Audiovisual - Added	0.00	269,403.00	822.64
COLSERA	Collections - Serial Subscription - Added	0.00	110,802.00	861.38
COLELREFA	Collections - Electronic Ref Sources - Added	0.00	91,558.00	158.90
COLBKSH	Collections - Books - Held	0.00	16,250,117.00	253,580.83
COLEBKSH	Collections - E Books - Held	0.00	2,003,184.00	24,726.52
COLMICRH	Collections - Microforms - Held	0.00	10,269,372.00	278,407.38
COLAUDH	Collections - Audiovisual - Held	0.00	10,239,828.00	26,489.87
COLSERH	Collections - Serial Subscriptions Held	0.00	473,619.00	6,239.81
COLELREFH	Collections - Electronic Ref Sources - Held	0.00	208,489.00	882.50
ILPRET	Inter Library Loans Provided Returnable	0.00	199,157.00	1,614.56
ILPNON	Inter Library Loans Provided Non-returnable	0.00	106,241.00	1,051.08
ILPTOT	Inter Library Loans Provided Total	0.00	199,681.00	2,665.64
ILRRET	Inter Library Loans Received Returnable	0.00	173,197.00	1,329.86
ILRNON	Inter Library Loans Received Non-returnable	0.00	75,331.00	1,015.74
DOCDEL	Documents Delivered from Commercial Services	0.00	241,722.00	224.61
ILRTOT	Inter Library Loans Received Total	0.00	241,725.00	2,570.21
CRGEN	General Circulation Transactions	0.00	2,903,181.00	33,322.68
CRRSV	Reserve Circulation Transactions	0.00	1,278,928.00	10,020.74
PRESEN	Number of Presentations	0.00	4,128.00	121.23

Variable	Label	Minimum	Maximum	Mean
ATTEND	Total Attendance at Presentations	0.00	75,320.00	2,176.35
HOURS	Hours Open in a Typical Week	0.00	168.00	70.98
GATECT	Gate Count in a Typical Week	0.00	195,000.00	4,911.84
REFTRANS	Reference Transactions in a Typical Week	0.00	20,693.00	270.46

Appendix D

Categorical Variable Frequencies on Academic Library Survey: 2008

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Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

State Abbreviation Code

STABBR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
AK Alaska	7	0.17	7	0.17
AL Alabama	67	1.61	74	1.78
AR Arkansas	48	1.15	122	2.93
AS American Samoa	1	0.02	123	2.95
AZ Arizona	66	1.58	189	4.54
CA California	394	9.46	583	13.99
CO Colorado	72	1.73	655	15.72
CT Connecticut	46	1.10	701	16.83
DC District of Columbia	16	0.38	717	17.21
DE Delaware	9	0.22	726	17.43
FL Florida	171	4.10	897	21.53
FM Fed State Micronesia	1	0.02	898	21.56
GA Georgia	131	3.14	1029	24.70
GU Guam	3	0.07	1032	24.77
HI Hawaii	21	0.50	1053	25.28
IA Iowa	64	1.54	1117	26.81
ID Idaho	14	0.34	1131	27.15
IL Illinois	170	4.08	1301	31.23
IN Indiana	87	2.09	1388	33.32
KS Kansas	59	1.42	1447	34.73
KY Kentucky	70	1.68	1517	36.41
LA Louisiana	52	1.25	1569	37.66
MA Massachusetts	120	2.88	1689	40.54
MD Maryland	58	1.39	1747	41.93
ME Maine	30	0.72	1777	42.65
MH Marshall Islands	1	0.02	1778	42.68
MI Michigan	104	2.50	1882	45.18
MN Minnesota	106	2.54	1988	47.72
MO Missouri	115	2.76	2103	50.48
MP Northern Mariana Isl	1	0.02	2104	50.50
MS Mississippi	40	0.96	2144	51.46
MT Montana	22	0.53	2166	51.99
NC North Carolina	130	3.12	2296	55.11
ND North Dakota	22	0.53	2318	55.64
NE Nebraska	41	0.98	2359	56.63
NH New Hampshire	27	0.65	2386	57.27

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

STABBR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
NJ New Jersey	57	1.37	2443	58.64
NM New Mexico	41	0.98	2484	59.63
NV Nevada	21	0.50	2505	60.13
NY New York	294	7.06	2799	67.19
OH Ohio	187	4.49	2986	71.68
OK Oklahoma	55	1.32	3041	73.00
OR Oregon	59	1.42	3100	74.41
PA Pennsylvania	230	5.52	3330	79.93
PR Puerto Rico	73	1.75	3403	81.69

State Abbreviation Code

STABBR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
PW Palau	1	0.02	3404	81.71
RI Rhode Island	14	0.34	3418	82.05
SC South Carolina	66	1.58	3484	83.63
SD South Dakota	23	0.55	3507	84.18
TN Tennessee	99	2.38	3606	86.56
TX Texas	213	5.11	3819	91.67
UT Utah	28	0.67	3847	92.34
VA Virginia	106	2.54	3953	94.89
VI Virgin Islands	1	0.02	3954	94.91
VT Vermont	23	0.55	3977	95.46
WA Washington	73	1.75	4050	97.22
WI Wisconsin	70	1.68	4120	98.90
WV West Virginia	36	0.86	4156	99.76
WY Wyoming	10	0.24	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Status of the Institution

ACT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Active - Institution active and not an add	4117	98.82	4117	98.82
N New - Added during the current year	44	1.06	4161	99.88
R Restore - restored to the current universe	5	0.12	4166	100.00

OBE Region Code

OBereg	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 US Service Schools	5	0.12	5	0.12
1 New England - CT ME MA NH RI VT	259	6.22	264	6.34
2 Mid East - DE DC MD NJ NY PA	661	15.87	925	22.20
3 Great Lakes - IL IN MI OH WI	618	14.83	1543	37.04
4 Plains - IA KS MN MO NE ND SD	430	10.32	1973	47.36
5 Southeast - AL AR FL GA KY LA MS NC SC TN VA WV	1016	24.39	2989	71.75
6 Southwest - AZ NM OK TX	375	9.00	3364	80.75
7 Rocky Mountains - CO ID MT UT WY	145	3.48	3509	84.23
8 Far West - AK CA HI NV OR WA	575	13.80	4084	98.03
9 Outlying areas - AS FM GU MH MP PR PW VI	82	1.97	4166	100.00

OPE Eligibility Indicator

OPEFLAG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Institution participates in Title IV federal financial aid programs	4068	97.65	4068	97.65
2 Branch campus of a main campus that participates in Title IV	94	2.26	4162	99.90
3 Deferment only - limited participation	3	0.07	4165	99.98
5 Not currently participating in Title IV, has an OPE ID number	1	0.02	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Sector of Institution

SECTOR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Public, 4-year or above	666	15.99	666	15.99
2 Private nonprofit, 4-year and above	1524	36.58	2190	52.57
3 Private for profit, 4-year and above	474	11.38	2664	63.95
4 Public, 2-year	1000	24.00	3664	87.95
5 Private nonprofit, 2-year	86	2.06	3750	90.01
6 Private for profit, 2-year	416	9.99	4166	100.00

Level of Institution

ICLEVEL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Four or more years (Baccalaureate or higher degree)	2664	63.95	2664	63.95
2 At least 2 but less than 4 years (below the Baccalaureate)	1502	36.05	4166	100.00

Control of Institution

CONTROL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Public	1666	39.99	1666	39.99
2 Private, nonprofit	1610	38.65	3276	78.64
3 Private, for profit	890	21.36	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Highest Level of Education Offering

HLOFFER	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-2 Not applicable, first professional only	35	0.84	35	0.84
3 Associate degree	1175	28.20	1210	29.04
4 Postsecondary award, certificate or diploma of at least two but less than four years	327	7.85	1537	36.89
5 Bachelor's degree	770	18.48	2307	55.38
6 Post baccalaureate certificate	40	0.96	2347	56.34
7 Master's degree	860	20.64	3207	76.98
8 Post master's certificate	200	4.80	3407	81.78
9 Doctoral degree	759	18.22	4166	100.00

Undergraduate Offering

UGOFFER	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Undergraduate degree or certificate offered	3915	93.98	3915	93.98
2 No undergraduate offering	251	6.02	4166	100.00

Graduate Offering

GROFFER	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Graduate degree or certificate offered	1859	44.62	1859	44.62
2 No graduate offering	2307	55.38	4166	100.00

First Professional Offering

FPOFFER	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 First professional degree or first professional certificate (Post-degree)	557	13.37	557	13.37
2 No first professional offering	3609	86.63	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Highest Degree Offered

HDEGOFFR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 First professional degrees only	35	0.84	35	0.84
10 Doctoral	374	8.98	409	9.82
11 Doctoral and First professional	385	9.24	794	19.06
20 Master's	938	22.52	1732	41.57
21 Master's and First professional	122	2.93	1854	44.50
30 Bachelors	793	19.04	2647	63.54
31 Bachelors and First professional	13	0.31	2660	63.85
40 Associates	1506	36.15	4166	100.00

Degree Granting Status

DEGRANT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	4166	100.00	4166	100.00

Historically Black College/University

HBCU	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-3 Not available	60	1.44	60	1.44
1 Yes	97	2.33	157	3.77
2 No	4009	96.23	4166	100.00

Institution has Hospital

HOSPITAL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-3 Not available	68	1.63	68	1.63
1 Yes	86	2.06	154	3.70
2 No	4012	96.30	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Institution Grants Medical Degree

MEDICAL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-2 Not applicable	16	0.38	16	0.38
1 Yes	165	3.96	181	4.34
2 No	3985	95.66	4166	100.00

Tribal College

TRIBAL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-3 Not available	60	1.44	60	1.44
1 Yes	31	0.74	91	2.18
2 No	4075	97.82	4166	100.00

Carnegie Classification Code

CARNEGIE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-3 Not available	691	16.59	691	16.59
15 Doctoral/Research universities - Extensive	151	3.62	842	20.21
16 Doctoral/Research universities - Intensive	107	2.57	949	22.78
21 Master's Colleges and Universities I	489	11.74	1438	34.52
22 Master's (comprehensive) Colleges and Universities II	108	2.59	1546	37.11
31 Baccalaureate Colleges - Liberal Arts	217	5.21	1763	42.32
32 Baccalaureate Colleges - General	313	7.51	2076	49.83
33 Baccalaureate/Associate's Colleges	52	1.25	2128	51.08
40 Associate's Colleges	1390	33.37	3518	84.45
51 Theological seminaries and other specialized faith-related institutions	249	5.98	3767	90.42
52 Medical schools and medical centers	47	1.13	3814	91.55
53 Other separate health profession schools	81	1.94	3895	93.49
54 Schools of engineering and technology	53	1.27	3948	94.77
55 Schools of business and management	33	0.79	3981	95.56
56 Schools of art, music, and design	79	1.90	4060	97.46
57 Schools of law	21	0.50	4081	97.96
58 Teachers colleges	5	0.12	4086	98.08
59 Other specialized institutions	50	1.20	4136	99.28
60 Tribal Colleges and Universities	30	0.72	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Carnegie Classification 2005: Basic Code

CCBASIC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not Applicable, not in Carnegie universe	209	5.02	209	5.02
Not Classified	18	0.43	227	5.45
Associate's - Public Rural - serving small	106	2.54	333	7.99
Associate's - Public Rural - serving Medium	305	7.32	638	15.31
Associate's - Public Rural - serving Large	142	3.41	780	18.72
Associate's - Public Suburban - serving single campus	110	2.64	890	21.36
Associate's - Public Suburban - serving Multi-campus	95	2.28	985	23.64
Associate's - Public Urban - serving single campus	32	0.77	1017	24.41
Associate's - Public Urban- serving Multi-campus	138	3.31	1155	27.72
Associate's - Public special use	12	0.29	1167	28.01
Associate's - Private Not-for-profit	88	2.11	1255	30.12
Associate's - Private For-profit	365	8.76	1620	38.89
Associate's - Public 2-year colleges under 4-year universities	54	1.30	1674	40.18
Associate's - Public 4-year primarily Associate's	18	0.43	1692	40.61
Associate's - Private not-for-profit 4-year primarily Associate's	19	0.46	1711	41.07
Associate's - Private for-profit 4-year primarily Associate's	66	1.58	1777	42.65
Research Universities (very high research activity)	96	2.30	1873	44.96
Research Universities (high research activity)	103	2.47	1976	47.43
Doctoral/Research Universities, Master's Colleges and Universities	81	1.94	2057	49.38
Master's Colleges and Universities (larger programs)	341	8.19	2398	57.56
Master's Colleges and Universities (medium programs)	181	4.34	2579	61.91
Master's Colleges and Universities (smaller programs)	124	2.98	2703	64.88
Baccalaureate Colleges-Arts and Sciences	274	6.58	2977	71.46
Baccalaureate Colleges-Diverse Fields	347	8.33	3324	79.79
Baccalaureate/Associate's Colleges	114	2.74	3438	82.53
Theological seminaries, Bible Colleges and other faith-related institutions	259	6.22	3697	88.74
Medical schools and medical centers	55	1.32	3752	90.06
Other separate health profession schools	112	2.69	3864	92.75
Schools of engineering	5	0.12	3869	92.87
Other technology-related schools	53	1.27	3922	94.14
Schools of business and management	54	1.30	3976	95.44
Schools of art, music, and design	102	2.45	4078	97.89
Schools of law	29	0.70	4107	98.58
Other special-focus institutions	29	0.70	4136	99.28
Tribal Colleges	30	0.72	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Locale Code - Degree of Urbanization

LOCALE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
Not available	108	2.59	108	2.59
City: Large	911	21.87	1019	24.46
City: Midsize	442	10.61	1461	35.07
City: Small	536	12.87	1997	47.94
Suburb: Large	792	19.01	2789	66.95
Suburb: Midsize	107	2.57	2896	69.52
Suburb: Small	75	1.80	2971	71.32
Town: Fringe	120	2.88	3091	74.20
Town: Distant	265	6.36	3356	80.56
Town: Remote	269	6.46	3625	87.01
Rural: Fringe	382	9.17	4007	96.18
Rural: Distant	97	2.33	4104	98.51
Rural: Remote	62	1.49	4166	100.00

Institution Open to the General Public

OPENPUBL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	4166	100.00	4166	100.00

Data Source Code - Media Source Used for Returning Data

DATSRG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Internet/Web	4145	99.50	4145	99.50
N Not returned	21	0.50	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Response Status Code

STATUS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Respondent	3635	87.25	3635	87.25
3 Nonrespondent to data and screening questions, not imputed	13	0.31	3648	87.57
4 Nonrespondent, imputed	518	12.43	4166	100.00

Release Status Give to NCES

EDITST	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Record edited with no edit or critical flags	374	8.98	374	8.98
2 Record edited with critical edit flags, analyst accept	3043	73.04	3417	82.02
N Not edited	749	17.98	4166	100.00

Impute Indicator

IMPUTE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Not imputed	1365	32.77	1365	32.77
1 At least one part is imputed	2801	67.23	4166	100.00

Imp Flag for Line Item 1

PARTAF1AG1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Nothing imputed for this part/total respondent for this part	3480	83.53	3480	83.53
1 Total non-respondent for this part	686	16.47	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Imp Flag for Line Items 2-7

PARTBFLAG1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Nothing imputed for this part/total respondent for this part	3370	80.89	3370	80.89
1 Total non-respondent for this part	524	12.58	3894	93.47
2 Partial non-respondent for this part	272	6.53	4166	100.00

Imp Flag for Line Items 8a,8b

PARTBFLAG2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Nothing imputed for this part/total respondent for this part	4127	99.06	4127	99.06
1 Total non-respondent for this part	39	0.94	4166	100.00

Imp Flag for Line Items 10,13,15-21

PARTCFLAG1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Nothing imputed for this part/total respondent for this part	3307	79.38	3307	79.38
1 Total non-respondent for this part	651	15.63	3958	95.01
2 Partial non-respondent for this part	208	4.99	4166	100.00

Imp Flag for Line Items 11,12,14

PARTCFLAG2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Nothing imputed for this part/total respondent for this part	2836	68.07	2836	68.07
1 Total non-respondent for this part	736	17.67	3572	85.74
2 Partial non-respondent for this part	594	14.26	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Imp Flag for Line Items 22,24-26

PARTDFLAG1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Nothing imputed for this part/total respondent for this part	3034	72.83	3034	72.83
1 Total non-respondent for this part	671	16.11	3705	88.93
2 Partial non-respondent for this part	461	11.07	4166	100.00

Imp Flag for Line Item 23

PARTDFLAG2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Nothing imputed for this part/total respondent for this part	2982	71.58	2982	71.58
1 Total non-respondent for this part	739	17.74	3721	89.32
2 Partial non-respondent for this part	445	10.68	4166	100.00

Imp Flag for Line Items 27-33

PARTEFLAG1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Nothing imputed for this part/total respondent for this part	3341	80.20	3341	80.20
1 Total non-respondent for this part	757	18.17	4098	98.37
2 Partial non-respondent for this part	68	1.63	4166	100.00

Imp Flag for Line Items 34a,34b

PARTEFLAG2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Nothing imputed for this part/total respondent for this part	3290	78.97	3290	78.97
1 Total non-respondent for this part	731	17.55	4021	96.52
2 Partial non-respondent for this part	145	3.48	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Imp Flag for Line Items 35,36

PARTEFLAG3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Nothing imputed for this part/total respondent for this part	3387	81.30	3387	81.30
1 Total non-respondent for this part	744	17.86	4131	99.16
2 Partial non-respondent for this part	35	0.84	4166	100.00

Imp Flag for Line Items 37-39

PARTFFLAG1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Nothing imputed for this part/total respondent for this part	3350	80.41	3350	80.41
1 Total non-respondent for this part	680	16.32	4030	96.74
2 Partial non-respondent for this part	136	3.26	4166	100.00

Full-Time Equivalent Estimated or Not

FTEFLAG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Not estimated	4066	97.60	4066	97.60
1 Estimated	17	0.41	4083	98.01
3 Combined with children FTE	83	1.99	4166	100.00

Institution has an Eligible Collection

ELGCOLL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	3401	81.64	3401	81.64
N No response	765	18.36	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Institution has Eligible Staff

ELGSTAFF	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	3401	81.64	3401	81.64
N No response	765	18.36	4166	100.00

Institution has an Established Schedule

ELGSCHED	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	3401	81.64	3401	81.64
N No response	765	18.36	4166	100.00

Institution has physical Library Facility

ELGPHYS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	3401	81.64	3401	81.64
N No response	765	18.36	4166	100.00

Current Year Parent/Child Indicator

CYPARCH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Parent	83	1.99	83	1.99
2 Child	255	6.12	338	8.11
N No response	3828	91.89	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Library Collection is Entirely Electronic

COLELYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	10	0.24	10	0.24
2 No	3253	78.08	3263	78.32
N No response	903	21.68	4166	100.00

Does Documents Digitized by Library Staff

DOCDIGYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	1399	33.58	1399	33.58
2 No	1844	44.26	3243	77.84
N No response	923	22.16	4166	100.00

Does Library Provide Reference Service by Email or Web

LIBREFYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1	2803	67.28	2803	67.28
2	443	10.63	3246	77.92
N	920	22.08	4166	100.00

Technology to Assist the Disabled

TECHYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	1912	45.90	1912	45.90
2 No	1330	31.93	3242	77.82
N No response	924	22.18	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Electronic Theses Produced by Students

THESYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	515	12.36	515	12.36
2 No	2728	65.48	3243	77.84
N No response	923	22.16	4166	100.00

Information Literacy Definition

INFLITDEFYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	1822	43.73	1822	43.73
2 No	1405	33.73	3227	77.46
N No response	939	22.54	4166	100.00

Information Literacy in Institution Mission

INFLITMISYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	1285	30.84	1285	30.84
2 No	1940	46.57	3225	77.41
N No response	941	22.59	4166	100.00

Information Literacy in Institution Plan

INFLITPLNYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	1200	28.80	1200	28.80
2 No	2022	48.54	3222	77.34
N No response	944	22.66	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Information Literacy Committee for Implementation

INFLITCOMYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	711	17.07	711	17.07
2 No	485	11.64	1196	28.71
N No response	948	22.76	2144	51.46
S Not applicable	2022	48.54	4166	100.00

Strategic Plan Recognizes Library Role in Info Literacy

INFLITLIBYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	967	23.21	967	23.21
2 No	226	5.42	1193	28.64
N No response	951	22.83	2144	51.46
S Not applicable	2022	48.54	4166	100.00

Status Flag - BRANCHES

XBRANCHES	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	155	3.72	155	3.72
C Analyst corrected a cell that was blank	130	3.12	285	6.84
I Imputation for a cell that was a nonresponse, using a method other than prior year	246	5.90	531	12.75
N Original data field was blank	271	6.51	802	19.25
P Imputation for a cell that previously was a nonresponse, using prior year data	440	10.56	1242	29.81
R Original data value was reported	2924	70.19	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Status Flag - STLIBS

XSTLIBS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	6	0.14	6	0.14
C Analyst corrected a cell that was blank	7	0.17	13	0.31
I Imputation for a cell that was a nonresponse, using a method other than prior year	124	2.98	137	3.29
N Original data field was blank	268	6.43	405	9.72
P Imputation for a cell that previously was a nonresponse, using prior year data	402	9.65	807	19.37
R Original data value was reported	3339	80.15	4146	99.52
Z Implied reported zero value	20	0.48	4166	100.00

Status Flag - STOTHPRO

XSTOTHPRO	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	8	0.19	8	0.19
C Analyst corrected a cell that was blank	8	0.19	16	0.38
I Imputation for a cell that was a nonresponse, using a method other than prior year	124	2.98	140	3.36
N Original data field was blank	268	6.43	408	9.79
P Imputation for a cell that previously was a nonresponse, using prior year data	405	9.72	813	19.52
R Original data value was reported	2861	68.67	3674	88.19
Z Implied reported zero value	492	11.81	4166	100.00

Status Flag - STLIBPRO

XSTLIBPRO	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	14	0.34	14	0.34
C Analyst corrected a cell that was blank	8	0.19	22	0.53
I Imputation for a cell that was a nonresponse, using a method other than prior year	129	3.10	151	3.62
N Original data field was blank	268	6.43	419	10.06
P Imputation for a cell that previously was a nonresponse, using prior year data	400	9.60	819	19.66
R Original data value was reported	3345	80.29	4164	99.95
Z Implied reported zero value	2	0.05	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Status Flag - STOTH

XSTOTH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	8	0.19	8	0.19
C Analyst corrected a cell that was blank	8	0.19	16	0.38
I Imputation for a cell that was a nonresponse, using a method other than prior year	129	3.10	145	3.48
N Original data field was blank	268	6.43	413	9.91
P Imputation for a cell that previously was a nonresponse, using prior year data	405	9.72	818	19.64
R Original data value was reported	3079	73.91	3897	93.54
Z Implied reported zero value	269	6.46	4166	100.00

Status Flag - STASST

XSTASST	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	22	0.53	22	0.53
C Analyst corrected a cell that was blank	10	0.24	32	0.77
I Imputation for a cell that was a nonresponse, using a method other than prior year	131	3.14	163	3.91
N Original data field was blank	269	6.46	432	10.37
P Imputation for a cell that previously was a nonresponse, using prior year data	407	9.77	839	20.14
R Original data value was reported	3145	75.49	3984	95.63
Z Implied reported zero value	182	4.37	4166	100.00

Status Flag - STTOT

XSTTOT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	47	1.13	47	1.13
C Analyst corrected a cell that was blank	5	0.12	52	1.25
I Imputation for a cell that was a nonresponse, using a method other than prior year	124	2.98	176	4.22
N Original data field was blank	269	6.46	445	10.68
P Imputation for a cell that previously was a nonresponse, using prior year data	420	10.08	865	20.76
R Original data value was reported	3301	79.24	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Status Flag - SWLIBPRO

XSWLIBPRO	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	6	0.14	6	0.14
C Analyst corrected a cell that was blank	7	0.17	13	0.31
H Data Suppressed	1481	35.55	1494	35.86
I Imputation for a cell that was a nonresponse, using a method other than prior year	224	5.38	1718	41.24
N Original data field was blank	269	6.46	1987	47.70
R Original data value was reported	2179	52.30	4166	100.00

Status Flag - SWOTH

XSWOTH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	4	0.10	4	0.10
C Analyst corrected a cell that was blank	5	0.12	9	0.22
H Data Suppressed	1885	45.25	1894	45.46
I Imputation for a cell that was a nonresponse, using a method other than prior year	139	3.34	2033	48.80
N Original data field was blank	269	6.46	2302	55.26
R Original data value was reported	1864	44.74	4166	100.00

Status Flag - SWASST

XSWASST	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	2	0.05	2	0.05
C Analyst corrected a cell that was blank	7	0.17	9	0.22
H Data Suppressed	1978	47.48	1987	47.70
I Imputation for a cell that was a nonresponse, using a method other than prior year	208	4.99	2195	52.69
N Original data field was blank	274	6.58	2469	59.27
R Original data value was reported	1697	40.73	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Status Flag - SWTOT

XSWTOT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	8	0.19	8	0.19
C Analyst corrected a cell that was blank	13	0.31	21	0.50
H Data Suppressed	1473	35.36	1494	35.86
I Imputation for a cell that was a nonresponse, using a method other than prior year	386	9.27	1880	45.13
N Original data field was blank	270	6.48	2150	51.61
R Original data value was reported	2016	48.39	4166	100.00

Status Flag - FRINGE

XFRINGE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
C Analyst corrected a cell that was blank	6	0.14	6	0.14
H Data Suppressed	2551	61.23	2557	61.38
I Imputation for a cell that was a nonresponse, using a method other than prior year	9	0.22	2566	61.59
N Original data field was blank	255	6.12	2821	67.71
R Original data value was reported	705	16.92	3526	84.64
S Not applicable, not imputed	640	15.36	4166	100.00

Status Flag - EXBKS

XEXBKS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	16	0.38	16	0.38
C Analyst corrected a cell that was blank	11	0.26	27	0.65
I Imputation for a cell that was a nonresponse, using a method other than prior year	159	3.82	186	4.46
N Original data field was blank	270	6.48	456	10.95
P Imputation for a cell that previously was a nonresponse, using prior year data	529	12.70	985	23.64
R Original data value was reported	3175	76.21	4160	99.86
Z Implied reported zero value	6	0.14	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Status Flag - EXELBKS

EXELBKS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	4	0.10	4	0.10
C Analyst corrected a cell that was blank	6	0.14	10	0.24
I Imputation for a cell that was a nonresponse, using a method other than prior year	205	4.92	215	5.16
N Original data field was blank	278	6.67	493	11.83
P Imputation for a cell that previously was a nonresponse, using prior year data	873	20.96	1366	32.79
R Original data value was reported	2786	66.87	4152	99.66
Z Implied reported zero value	14	0.34	4166	100.00

Status Flag - EXAUD

EXAUD	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	2	0.05	2	0.05
C Analyst corrected a cell that was blank	11	0.26	13	0.31
I Imputation for a cell that was a nonresponse, using a method other than prior year	188	4.51	201	4.82
N Original data field was blank	274	6.58	475	11.40
P Imputation for a cell that previously was a nonresponse, using prior year data	733	17.59	1208	29.00
R Original data value was reported	2901	69.64	4109	98.63
Z Implied reported zero value	57	1.37	4166	100.00

Status Flag - EXCUSER

EXCUSER	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	13	0.31	13	0.31
C Analyst corrected a cell that was blank	12	0.29	25	0.60
I Imputation for a cell that was a nonresponse, using a method other than prior year	158	3.79	183	4.39
N Original data field was blank	270	6.48	453	10.87
P Imputation for a cell that previously was a nonresponse, using prior year data	527	12.65	980	23.52
R Original data value was reported	3182	76.38	4162	99.90
Z Implied reported zero value	4	0.10	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Status Flag - EXELSER

SEXELSER	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	10	0.24	10	0.24
C Analyst corrected a cell that was blank	10	0.24	20	0.48
I Imputation for a cell that was a nonresponse, using a method other than prior year	221	5.30	241	5.78
N Original data field was blank	277	6.65	518	12.43
P Imputation for a cell that previously was a nonresponse, using prior year data	761	18.27	1279	30.70
R Original data value was reported	2879	69.11	4158	99.81
Z Implied reported zero value	8	0.19	4166	100.00

Status Flag - EXDEL

SEXDEL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	5	0.12	5	0.12
C Analyst corrected a cell that was blank	23	0.55	28	0.67
I Imputation for a cell that was a nonresponse, using a method other than prior year	156	3.74	184	4.42
N Original data field was blank	271	6.51	455	10.92
P Imputation for a cell that previously was a nonresponse, using prior year data	532	12.77	987	23.69
R Original data value was reported	2981	71.56	3968	95.25
Z Implied reported zero value	198	4.75	4166	100.00

Status Flag - EXPRES

SEXPRES	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	2	0.05	2	0.05
C Analyst corrected a cell that was blank	28	0.67	30	0.72
I Imputation for a cell that was a nonresponse, using a method other than prior year	158	3.79	188	4.51
N Original data field was blank	271	6.51	459	11.02
P Imputation for a cell that previously was a nonresponse, using prior year data	530	12.72	989	23.74
R Original data value was reported	2950	70.81	3939	94.55
Z Implied reported zero value	227	5.45	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Status Flag - EXOTHIR

XEXOTHIR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	7	0.17	7	0.17
C Analyst corrected a cell that was blank	30	0.72	37	0.89
I Imputation for a cell that was a nonresponse, using a method other than prior year	160	3.84	197	4.73
N Original data field was blank	272	6.53	469	11.26
P Imputation for a cell that previously was a nonresponse, using prior year data	543	13.03	1012	24.29
R Original data value was reported	2740	65.77	3752	90.06
Z Implied reported zero value	414	9.94	4166	100.00

Status Flag - EXCOMP

XEXCOMP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	1	0.02	1	0.02
C Analyst corrected a cell that was blank	26	0.62	27	0.65
I Imputation for a cell that was a nonresponse, using a method other than prior year	157	3.77	184	4.42
N Original data field was blank	271	6.51	455	10.92
P Imputation for a cell that previously was a nonresponse, using prior year data	533	12.79	988	23.72
R Original data value was reported	3007	72.18	3995	95.90
Z Implied reported zero value	171	4.10	4166	100.00

Status Flag - EXBIB

XEXBIB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	2	0.05	2	0.05
C Analyst corrected a cell that was blank	23	0.55	25	0.60
I Imputation for a cell that was a nonresponse, using a method other than prior year	159	3.82	184	4.42
N Original data field was blank	271	6.51	455	10.92
P Imputation for a cell that previously was a nonresponse, using prior year data	533	12.79	988	23.72
R Original data value was reported	3007	72.18	3995	95.90
Z Implied reported zero value	171	4.10	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Status Flag - EX0TH

XEX0TH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	4	0.10	4	0.10
C Analyst corrected a cell that was blank	19	0.46	23	0.55
H Data Suppressed	1473	35.36	1496	35.91
I Imputation for a cell that was a nonresponse, using a method other than prior year	63	1.51	1559	37.42
N Original data field was blank	268	6.43	1827	43.86
P Imputation for a cell that previously was a nonresponse, using prior year data	271	6.51	2098	50.36
R Original data value was reported	1952	46.86	4050	97.22
Z Implied reported zero value	116	2.78	4166	100.00

Status Flag - EXTOT

XEXTOT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	93	2.23	93	2.23
C Analyst corrected a cell that was blank	10	0.24	103	2.47
I Imputation for a cell that was a nonresponse, using a method other than prior year	177	4.25	280	6.72
N Original data field was blank	277	6.65	557	13.37
P Imputation for a cell that previously was a nonresponse, using prior year data	675	16.20	1232	29.57
R Original data value was reported	2934	70.43	4166	100.00

Status Flag - COLELYN

XCOLELYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	14	0.34	14	0.34
C Analyst corrected a cell that was blank	19	0.46	33	0.79
N Original data field was blank	903	21.68	936	22.47
R Original data value was reported	3230	77.53	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Status Flag - COLBKSA

XCOLBKSA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	18	0.43	18	0.43
C Analyst corrected a cell that was blank	18	0.43	36	0.86
I Imputation for a cell that was a nonresponse, using a method other than prior year	236	5.66	272	6.53
N Original data field was blank	271	6.51	543	13.03
P Imputation for a cell that previously was a nonresponse, using prior year data	522	12.53	1065	25.56
R Original data value was reported	3094	74.27	4159	99.83
Z Implied reported zero value	7	0.17	4166	100.00

Status Flag - COLEBKSA

XCOLEBKSA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	9	0.22	9	0.22
C Analyst corrected a cell that was blank	8	0.19	17	0.41
I Imputation for a cell that was a nonresponse, using a method other than prior year	179	4.30	196	4.70
N Original data field was blank	275	6.60	471	11.31
P Imputation for a cell that previously was a nonresponse, using prior year data	737	17.69	1208	29.00
R Original data value was reported	2893	69.44	4101	98.44
Z Implied reported zero value	65	1.56	4166	100.00

Status Flag - COLMICRA

XCOLMICRA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	5	0.12	5	0.12
C Analyst corrected a cell that was blank	15	0.36	20	0.48
I Imputation for a cell that was a nonresponse, using a method other than prior year	414	9.94	434	10.42
N Original data field was blank	276	6.63	710	17.04
P Imputation for a cell that previously was a nonresponse, using prior year data	522	12.53	1232	29.57
R Original data value was reported	2922	70.14	4154	99.71
Z Implied reported zero value	12	0.29	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Status Flag - COLAUDA

XCOLAUDA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	19	0.46	19	0.46
C Analyst corrected a cell that was blank	17	0.41	36	0.86
I Imputation for a cell that was a nonresponse, using a method other than prior year	281	6.75	317	7.61
N Original data field was blank	271	6.51	588	14.11
P Imputation for a cell that previously was a nonresponse, using prior year data	522	12.53	1110	26.64
R Original data value was reported	3001	72.04	4111	98.68
Z Implied reported zero value	55	1.32	4166	100.00

Status Flag - COLSERA

XCOLSERA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	25	0.60	25	0.60
C Analyst corrected a cell that was blank	10	0.24	35	0.84
I Imputation for a cell that was a nonresponse, using a method other than prior year	317	7.61	352	8.45
N Original data field was blank	271	6.51	623	14.95
P Imputation for a cell that previously was a nonresponse, using prior year data	522	12.53	1145	27.48
R Original data value was reported	3021	72.52	4166	100.00

Status Flag - COLELREFA

XCOLELREFA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	22	0.53	22	0.53
C Analyst corrected a cell that was blank	13	0.31	35	0.84
I Imputation for a cell that was a nonresponse, using a method other than prior year	184	4.42	219	5.26
N Original data field was blank	277	6.65	496	11.91
P Imputation for a cell that previously was a nonresponse, using prior year data	803	19.28	1299	31.18
R Original data value was reported	2840	68.17	4139	99.35
Z Implied reported zero value	27	0.65	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Status Flag - COLBKSH

XCOLBKSH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	14	0.34	14	0.34
C Analyst corrected a cell that was blank	16	0.38	30	0.72
I Imputation for a cell that was a nonresponse, using a method other than prior year	161	3.86	191	4.58
N Original data field was blank	273	6.55	464	11.14
P Imputation for a cell that previously was a nonresponse, using prior year data	580	13.92	1044	25.06
R Original data value was reported	3122	74.94	4166	100.00

Status Flag - COLEBKSH

XCOLEBKSH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	11	0.26	11	0.26
C Analyst corrected a cell that was blank	10	0.24	21	0.50
I Imputation for a cell that was a nonresponse, using a method other than prior year	185	4.44	206	4.94
N Original data field was blank	280	6.72	486	11.67
P Imputation for a cell that previously was a nonresponse, using prior year data	748	17.95	1234	29.62
R Original data value was reported	2932	70.38	4166	100.00

Status Flag - COLMICRH

XCOLMICRH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	7	0.17	7	0.17
C Analyst corrected a cell that was blank	13	0.31	20	0.48
I Imputation for a cell that was a nonresponse, using a method other than prior year	193	4.63	213	5.11
N Original data field was blank	281	6.75	494	11.86
P Imputation for a cell that previously was a nonresponse, using prior year data	730	17.52	1224	29.38
R Original data value was reported	2942	70.62	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Status Flag - COLAUDH

XCOLAUDH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	16	0.38	16	0.38
C Analyst corrected a cell that was blank	21	0.50	37	0.89
I Imputation for a cell that was a nonresponse, using a method other than prior year	178	4.27	215	5.16
N Original data field was blank	272	6.53	487	11.69
P Imputation for a cell that previously was a nonresponse, using prior year data	643	15.43	1130	27.12
R Original data value was reported	3036	72.88	4166	100.00

Status Flag - COLSERH

XCOLSERH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	19	0.46	19	0.46
C Analyst corrected a cell that was blank	19	0.46	38	0.91
I Imputation for a cell that was a nonresponse, using a method other than prior year	168	4.03	206	4.94
N Original data field was blank	272	6.53	478	11.47
P Imputation for a cell that previously was a nonresponse, using prior year data	600	14.40	1078	25.88
R Original data value was reported	3088	74.12	4166	100.00

Status Flag - COLELREFH

XCOLELREFH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	24	0.58	24	0.58
C Analyst corrected a cell that was blank	11	0.26	35	0.84
I Imputation for a cell that was a nonresponse, using a method other than prior year	181	4.34	216	5.18
N Original data field was blank	280	6.72	496	11.91
P Imputation for a cell that previously was a nonresponse, using prior year data	716	17.19	1212	29.09
R Original data value was reported	2954	70.91	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Status Flag - ILPRET

XILPRET	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	1	0.02	1	0.02
C Analyst corrected a cell that was blank	9	0.22	10	0.24
I Imputation for a cell that was a nonresponse, using a method other than prior year	170	4.08	180	4.32
N Original data field was blank	272	6.53	452	10.85
P Imputation for a cell that previously was a nonresponse, using prior year data	646	15.51	1098	26.36
R Original data value was reported	3051	73.24	4149	99.59
Z Implied reported zero value	17	0.41	4166	100.00

Status Flag - ILPNON

XILPNON	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	1	0.02	1	0.02
C Analyst corrected a cell that was blank	8	0.19	9	0.22
I Imputation for a cell that was a nonresponse, using a method other than prior year	170	4.08	179	4.30
N Original data field was blank	272	6.53	451	10.83
P Imputation for a cell that previously was a nonresponse, using prior year data	646	15.51	1097	26.33
R Original data value was reported	2947	70.74	4044	97.07
Z Implied reported zero value	122	2.93	4166	100.00

Status Flag - ILPTOT

XILPTOT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
C Analyst corrected a cell that was blank	9	0.22	9	0.22
I Imputation for a cell that was a nonresponse, using a method other than prior year	170	4.08	179	4.30
N Original data field was blank	272	6.53	451	10.83
P Imputation for a cell that previously was a nonresponse, using prior year data	607	14.57	1058	25.40
R Original data value was reported	3108	74.60	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Status Flag - ILRRET

XILRRET	Frequency	Percent	Cumulative Frequency	Cumulative Percent
C Analyst corrected a cell that was blank	8	0.19	8	0.19
I Imputation for a cell that was a nonresponse, using a method other than prior year	172	4.13	180	4.32
N Original data field was blank	272	6.53	452	10.85
P Imputation for a cell that previously was a nonresponse, using prior year data	633	15.19	1085	26.04
R Original data value was reported	3066	73.60	4151	99.64
Z Implied reported zero value	15	0.36	4166	100.00

Status Flag - ILRNON

XILRNON	Frequency	Percent	Cumulative Frequency	Cumulative Percent
C Analyst corrected a cell that was blank	8	0.19	8	0.19
I Imputation for a cell that was a nonresponse, using a method other than prior year	172	4.13	180	4.32
N Original data field was blank	272	6.53	452	10.85
P Imputation for a cell that previously was a nonresponse, using prior year data	632	15.17	1084	26.02
R Original data value was reported	2975	71.41	4059	97.43
Z Implied reported zero value	107	2.57	4166	100.00

Status Flag - ILRTOT

XILRTOT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	3	0.07	3	0.07
C Analyst corrected a cell that was blank	9	0.22	12	0.29
I Imputation for a cell that was a nonresponse, using a method other than prior year	172	4.13	184	4.42
N Original data field was blank	272	6.53	456	10.95
P Imputation for a cell that previously was a nonresponse, using prior year data	594	14.26	1050	25.20
R Original data value was reported	3114	74.75	4164	99.95
T Total replaced with sum of detail during imputation	2	0.05	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Status Flag - DOCDEL

XDOCDEL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	1	0.02	1	0.02
C Analyst corrected a cell that was blank	7	0.17	8	0.19
I Imputation for a cell that was a nonresponse, using a method other than prior year	172	4.13	180	4.32
N Original data field was blank	272	6.53	452	10.85
P Imputation for a cell that previously was a nonresponse, using prior year data	622	14.93	1074	25.78
R Original data value was reported	2766	66.39	3840	92.17
Z Implied reported zero value	326	7.83	4166	100.00

Status Flag - CRGEN

XCRGEN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	4	0.10	4	0.10
C Analyst corrected a cell that was blank	9	0.22	13	0.31
I Imputation for a cell that was a nonresponse, using a method other than prior year	173	4.15	186	4.46
N Original data field was blank	271	6.51	457	10.97
P Imputation for a cell that previously was a nonresponse, using prior year data	575	13.80	1032	24.77
R Original data value was reported	3134	75.23	4166	100.00

Status Flag - CRRSV

XCRRSV	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	2	0.05	2	0.05
C Analyst corrected a cell that was blank	7	0.17	9	0.22
I Imputation for a cell that was a nonresponse, using a method other than prior year	186	4.46	195	4.68
N Original data field was blank	271	6.51	466	11.19
P Imputation for a cell that previously was a nonresponse, using prior year data	674	16.18	1140	27.36
R Original data value was reported	3026	72.64	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Status Flag - PRESEN

XPRESEN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	1	0.02	1	0.02
C Analyst corrected a cell that was blank	8	0.19	9	0.22
I Imputation for a cell that was a nonresponse, using a method other than prior year	173	4.15	182	4.37
N Original data field was blank	271	6.51	453	10.87
P Imputation for a cell that previously was a nonresponse, using prior year data	574	13.78	1027	24.65
R Original data value was reported	3139	75.35	4166	100.00

Status Flag - ATTEND

XATTEND	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	3	0.07	3	0.07
C Analyst corrected a cell that was blank	7	0.17	10	0.24
I Imputation for a cell that was a nonresponse, using a method other than prior year	178	4.27	188	4.51
N Original data field was blank	271	6.51	459	11.02
P Imputation for a cell that previously was a nonresponse, using prior year data	598	14.35	1057	25.37
R Original data value was reported	3106	74.56	4163	99.93
Z Implied reported zero value	3	0.07	4166	100.00

Status Flag - HOURS

XHOURS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	2	0.05	2	0.05
C Analyst corrected a cell that was blank	8	0.19	10	0.24
I Imputation for a cell that was a nonresponse, using a method other than prior year	154	3.70	164	3.94
N Original data field was blank	271	6.51	435	10.44
P Imputation for a cell that previously was a nonresponse, using prior year data	529	12.70	964	23.14
R Original data value was reported	3202	76.86	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Status Flag - GATECT

XGATECT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	4	0.10	4	0.10
C Analyst corrected a cell that was blank	7	0.17	11	0.26
I Imputation for a cell that was a nonresponse, using a method other than prior year	166	3.98	177	4.25
N Original data field was blank	273	6.55	450	10.80
P Imputation for a cell that previously was a nonresponse, using prior year data	645	15.48	1095	26.28
R Original data value was reported	3061	73.48	4156	99.76
S Not applicable, not imputed	10	0.24	4166	100.00

Status Flag - REFTRANS

XREFTRANS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	4	0.10	4	0.10
C Analyst corrected a cell that was blank	7	0.17	11	0.26
I Imputation for a cell that was a nonresponse, using a method other than prior year	157	3.77	168	4.03
N Original data field was blank	272	6.53	440	10.56
P Imputation for a cell that previously was a nonresponse, using prior year data	541	12.99	981	23.55
R Original data value was reported	3185	76.45	4166	100.00

Status Flag - DOCDIGYN

XDOCDIGYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	1	0.02	1	0.02
C Analyst corrected a cell that was blank	7	0.17	8	0.19
N Original data field was blank	923	22.16	931	22.35
R Original data value was reported	3235	77.65	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Status Flag - LIBREFYN

XLIBREFYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
C Analyst corrected a cell that was blank	6	0.14	6	0.14
N Original data field was blank	920	22.08	926	22.23
R Original data value was reported	3240	77.77	4166	100.00

Status Flag - TECHYN

XTECHYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
C Analyst corrected a cell that was blank	6	0.14	6	0.14
N Original data field was blank	924	22.18	930	22.32
R Original data value was reported	3236	77.68	4166	100.00

Status Flag - THESYN

XTHESYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	1	0.02	1	0.02
C Analyst corrected a cell that was blank	6	0.14	7	0.17
N Original data field was blank	923	22.16	930	22.32
R Original data value was reported	3236	77.68	4166	100.00

Status Flag - INFLITDEFYN

XINFLITDEFYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	1	0.02	1	0.02
C Analyst corrected a cell that was blank	8	0.19	9	0.22
N Original data field was blank	939	22.54	948	22.76
R Original data value was reported	3218	77.24	4166	100.00

Appendix D—Categorical Variable Frequencies on Academic Library Survey: 2008

Status Flag - INFLITMISYN

XINFLITMISYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	1	0.02	1	0.02
C Analyst corrected a cell that was blank	8	0.19	9	0.22
N Original data field was blank	941	22.59	950	22.80
R Original data value was reported	3216	77.20	4166	100.00

Status Flag - INFLITPLNYN

XINFLITPLNYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	1	0.02	1	0.02
C Analyst corrected a cell that was blank	9	0.22	10	0.24
N Original data field was blank	944	22.66	954	22.90
R Original data value was reported	3212	77.10	4166	100.00

Status Flag - INFLITCOMYN

XINFLITCOMYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
C Analyst corrected a cell that was blank	7	0.17	7	0.17
N Original data field was blank	948	22.76	955	22.92
R Original data value was reported	1189	28.54	2144	51.46
S Not applicable, not imputed	2022	48.54	4166	100.00

Status Flag - INFLITLIBYN

XINFLITLIBYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
C Analyst corrected a cell that was blank	6	0.14	6	0.14
N Original data field was blank	951	22.83	957	22.97
R Original data value was reported	1187	28.49	2144	51.46
S Not applicable, not imputed	2022	48.54	4166	100.00

Appendix E

Crosswalk of Variables between 2006 and 2008 Academic Library Survey

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Appendix E—Crosswalk of Variables between 2006 and 2008 Academic Library Survey

Item	2008		2006	
	Variable	Item 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	Deleted in 2008	N/A	FINSUPP	e.
Part A: Outlets, FY 2008				
Branch and independent libraries	BRANCHES	100	BRANCHES	01
Part B: Library Staff, Fall 2008				
Librarians – Col 1	STLIBS	200	STLIBS	02
Other professional staff – Col 1	STOTHPRO	201	STOTHPRO	03
Total librarians and other pro staff – Col 1	STLIBPRO	202	STLIBPRO	04
All other paid staff – Col 1	STOTH	203	STOTH	05
Student assistants – Col 1	STASST	204	STASST	06
Total full-time equivalent staff – Col 1	STTOT	205	STTOT	07
Part B: Salaries and Wages, FY 2008				
Total librarians and other pro staff – Col 2	SWLIBPRO	202	SWLIBPRO	04
All other paid staff – Col 2	SWOTH	203	SWOTH	05
Student assistants – Col 2	SWASST	204	SWASST	06
Total full-time equivalent staff – Col 2	SWTOT	205	SWTOT	07
Fringe benefits – Y/N	FRINGEYN	206	FRINGEYN	08a
Amount of fringe benefits	FRINGE	207	FRINGE	08b
Part C: Library Expenditures, FY 2008				
Total salaries and wages	SWTOT	205	SWTOT	09
Books, serial backfiles and other	EXBKS	300	EXBKS	10
Electronic	EXELBKS	301	EXELBKS	11
Audiovisual	EXAUD	302	EXAUD	12
Current serial subscriptions	EXCUSER	303	EXCUSER	13
Electronic serials	EXELSER	304	EXELSER	14
Document delivery/interlibrary loan	EXDEL	305	EXDEL	15
Preservation	EXPRES	306	EXPRES	16
Other expenditures for info resources	EXOTHIR	307	EXOTHIR	17
Computer hardware and software	EXCOMP	308	EXCOMP	18
Biblio. utilities, networks and consortia	EXBIB	309	EXBIB	19
All other operating expenditures	EXOTH	310	EXOTH	20
Total expenditures	EXTOT	311	EXTOT	21
Part D: Library Collections, FY 2008				
Books, serial backfiles and other – added	COLBKSA	400	COLBKSA	22
Books, serial backfiles and other – held	COLBKSH	400	COLBKSH	22
E-Books – added	COLEBKSA	401	COLEBKSA	23
E-Books – held	COLEBKSH	401	COLEBKSH	23
Microforms – added	COLMICRA	402	COLMICRA	24
Microforms – held	COLMICRH	402	COLMICRH	24
Audiovisual materials – added	COLAUDA	403	COLAUDA	25
Audiovisual materials – held	COLAUDH	403	COLAUDH	25
Current serial subscriptions – added	COLSERA	404	COLSERA	26
Current serial subscriptions – held	COLSERH	404	COLSERH	26
Electronic reference – added	COLELREFA	405	COLELREFA	27
Electronic reference – held	COLELREFH	405	COLELREFH	27

Appendix E—Crosswalk of Variables between 2006 and 2008 Academic Library Survey

Item	2008		2006	
	Variable	Item No.	Variable	Line No.
Library collection entirely electronic – Y/N	COLELYN	406	COLELYN	N/A
Part E: Library Services, FY 2008				
Loans provided – returnable	ILPRET	500	ILPRET	28a
Loans provided – non-returnable	ILPNON	501	ILPNON	28b
Total provided	ILPTOT	502	ILPTOT	29
Loans received – returnable	ILRRET	503	ILRRET	30
Loans received – non-returnable	ILRNON	504	ILRNON	31
Documents received	DOCDEL	505	DOCDEL	32
Total received	ILRTOT	506	ILRTOT	32
General circulation	CRGEN	507	CRGEN	34a
Reserve circulation	CRRSV	508	CRRSV	34b
Number of presentations	PRESEN	509	PRESEN	35
Total attendance	ATTEND	510	ATTEND	36
Part F: Library Services, Typical Week, Fall 2008				
Hours open	HOURS	600	HOURS	37
Gate count	GATECT	601	GATECT	38
Reference transactions	REFTRANS	602	REFTRANS	39
Part G: Electronic Services, FY 2008				
Documents digitized – Y/N	DOCDIGYN	700	DOCDIGYN	40
Library reference – Y/N	LIBREFYN	701	LIBREFYN	41
Disabled patrons – Y/N	TECHYN	702	TECHYN	42
Electronic theses and dissertations – Y/N	THESYN	703	THESYN	43
Part H: Information Literacy, FY 2008				
Definition of information literacy – Y/N	INFLITDEFYN	800	INFLITDEFYN	44
Incorporated info literacy in mission – Y/N	INFLITMISYN	801	INFLITMISYN	45
Incorporated info literacy in plan – Y/N	INFLITPLNYN	802	INFLITPLNYN	46
Committee to implement plan – Y/N	INFLITCOMYN	803	INFLITCOMYN	46a
Plan has formal library role – Y/N	INFLITLIBYN	804	INFLITLIBYN	46b

Appendix F
Response Rate Tables

Table F-1. Number and percentage of responding academic libraries, by level, control of institution, and item: 2008

	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
					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	Percent	Total res-ponding	Percent	Total res-ponding	Percent
All institutions	3,827	100.0	2,393	100.0	721	100.0	911	100.0	730	100.0	1,434	100.0	1,576	100.0	2,251	100.0
Responding libraries	3,318	86.7	2,084	87.1	644	89.3	829	91.0	584	80.0	1,234	86.1	1,504	95.4	1,814	80.6
Part B-Library staff																
Number of FTEs																
Librarians	3,301	86.3	2,077	86.8	643	89.2	825	90.6	582	79.7	1,224	85.4	1,502	95.3	1,799	79.9
Other professional staff	3,298	86.2	2,076	86.8	643	89.2	825	90.6	581	79.6	1,222	85.2	1,501	95.2	1,797	79.8
Total librarians and other professional staff	3,298	86.2	2,076	86.8	643	89.2	825	90.6	581	79.6	1,222	85.2	1,501	95.2	1,797	79.8
All other paid staff	3,293	86.0	2,073	86.6	642	89.0	824	90.5	580	79.5	1,220	85.1	1,501	95.2	1,792	79.6
Student assistants	3,289	85.9	2,069	86.5	640	88.8	823	90.3	580	79.5	1,220	85.1	1,497	95.0	1,792	79.6
Total FTE staff	3,283	85.8	2,067	86.4	640	88.8	824	90.5	577	79.0	1,216	84.8	1,496	94.9	1,787	79.4
Salaries and Wages																
Total librarians and other professional staff	3,127	81.7	1,974	82.5	623	86.4	779	85.5	546	74.8	1,153	80.4	1,462	92.8	1,665	74.0
All other paid staff	3,212	83.9	2,019	84.4	630	87.4	798	87.6	565	77.4	1,193	83.2	1,471	93.3	1,741	77.3
Student assistants	3,122	81.6	1,980	82.7	622	86.3	785	86.2	547	74.9	1,142	79.6	1,431	90.8	1,691	75.1
Total salaries and wages	3,067	80.1	1,956	81.7	615	85.3	777	85.3	538	73.7	1,111	77.5	1,424	90.4	1,643	73.0
Employee fringe benefits	3,245	84.8	2,037	85.1	629	87.2	814	89.4	568	77.8	1,208	84.2	1,486	94.3	1,759	78.1
Part C-Library expenditures																
Total salaries and wages	3,067	80.1	1,956	81.7	615	85.3	777	85.3	538	73.7	1,111	77.5	1,424	90.4	1,643	73.0
Information resources:																
Books, serial backfiles, and other materials	3,139	82.0	1,991	83.2	625	86.7	804	88.3	537	73.6	1,148	80.1	1,470	93.3	1,669	74.1
Electronic	2,749	71.8	1,753	73.3	565	78.4	714	78.4	453	62.1	996	69.5	1,326	84.1	1,423	63.2
Audiovisual	2,906	75.9	1,821	76.1	555	77.0	739	81.1	504	69.0	1,085	75.7	1,376	87.3	1,530	68.0
Current serials	3,142	82.1	1,994	83.3	622	86.3	809	88.8	538	73.7	1,148	80.1	1,465	93.0	1,677	74.5
Electronic serials	2,845	74.3	1,831	76.5	580	80.4	754	82.8	475	65.1	1,014	70.7	1,381	87.6	1,464	65.0
Other information resources:																
Document delivery/interlibrary loan	3,139	82.0	1,992	83.2	624	86.5	803	88.1	540	74.0	1,147	80.0	1,463	92.8	1,676	74.5
Preservation	3,139	82.0	1,989	83.1	621	86.1	803	88.1	540	74.0	1,150	80.2	1,463	92.8	1,676	74.5
Other expenditures for information resources	3,124	81.6	1,980	82.7	621	86.1	798	87.6	536	73.4	1,144	79.8	1,459	92.6	1,665	74.0
Operating expenditures																
Computer hardware and software	3,137	82.0	1,989	83.1	624	86.5	802	88.0	538	73.7	1,148	80.1	1,466	93.0	1,671	74.2
Bibliographic utilities, networks, and consortia	3,135	81.9	1,991	83.2	622	86.3	807	88.6	537	73.6	1,144	79.8	1,463	92.8	1,672	74.3
All other operating expenditures	3,130	81.8	1,986	83.0	621	86.1	802	88.0	538	73.7	1,144	79.8	1,463	92.8	1,667	74.1
Total expenditures	2,975	77.7	1,905	79.6	602	83.5	767	84.2	512	70.1	1,070	74.6	1,407	89.3	1,568	69.7

See notes at end of table.

Table F-1. Number and percentage of responding academic libraries, by level, control of institution, and item: 2008—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	
					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	Percent	Total res-ponding	Percent	Total res-ponding	Percent	
Part D-Library collections																	
Library collection entirely electronic	3,192	83.4	2,021	84.5	631	87.5	812	89.1	552	75.6	1,171	81.7	1,472	93.4	1,720	76.4	
Books, serial backfiles, and other paper materials, added	3,069	80.2	1,956	81.7	620	86.0	788	86.5	523	71.6	1,113	77.6	1,445	91.7	1,624	72.1	
Books, serial backfiles, and other paper materials, EOFY	3,086	80.6	1,967	82.2	622	86.3	792	86.9	527	72.2	1,119	78.0	1,454	92.3	1,632	72.5	
E-Books, added	2,911	76.1	1,865	77.9	581	80.6	758	83.2	504	69.0	1,046	72.9	1,401	88.9	1,510	67.1	
E-Books, EOFY	2,894	75.6	1,871	78.2	591	82.0	764	83.9	492	67.4	1,023	71.3	1,398	88.7	1,496	66.5	
Microforms, added	2,891	75.5	1,862	77.8	590	81.8	754	82.8	494	67.7	1,029	71.8	1,397	88.6	1,494	66.4	
Microforms, EOFY	2,904	75.9	1,881	78.6	605	83.9	760	83.4	491	67.3	1,023	71.3	1,411	89.5	1,493	66.3	
Audiovisual materials, added	3,024	79.0	1,925	80.4	601	83.4	778	85.4	523	71.6	1,099	76.6	1,428	90.6	1,596	70.9	
Audiovisual materials, EOFY	3,006	78.5	1,928	80.6	613	85.0	777	85.3	514	70.4	1,078	75.2	1,427	90.5	1,579	70.1	
Current serial subscriptions, added	2,988	78.1	1,893	79.1	581	80.6	775	85.1	513	70.3	1,095	76.4	1,406	89.2	1,582	70.3	
Current serial subscriptions, EOFY	3,059	79.9	1,952	81.6	616	85.4	790	86.7	521	71.4	1,107	77.2	1,445	91.7	1,614	71.7	
Electronic reference sources, added	2,840	74.2	1,806	75.5	561	77.8	740	81.2	483	66.2	1,034	72.1	1,363	86.5	1,477	65.6	
Electronic reference sources, EOFY	2,930	76.6	1,875	78.4	589	81.7	770	84.5	494	67.7	1,055	73.6	1,394	88.5	1,536	68.2	
Part E-Library services																	
Interlibrary loans provided																	
Returnable	3,011	78.7	1,911	79.9	591	82.0	785	86.2	511	70.0	1,100	76.7	1,429	90.7	1,582	70.3	
Non-returnable	3,011	78.7	1,911	79.9	591	82.0	785	86.2	511	70.0	1,100	76.7	1,429	90.7	1,582	70.3	
Total provided	3,050	79.7	1,943	81.2	616	85.4	789	86.6	513	70.3	1,107	77.2	1,447	91.8	1,603	71.2	
Interlibrary loans received																	
Returnable	3,022	79.0	1,918	80.2	589	81.7	788	86.5	516	70.7	1,104	77.0	1,431	90.8	1,591	70.7	
Non-returnable	3,023	79.0	1,919	80.2	590	81.8	788	86.5	516	70.7	1,104	77.0	1,432	90.9	1,591	70.7	
Documents delivered from																	
commercial services	3,059	79.9	1,949	81.4	615	85.3	791	86.8	518	71.0	1,110	77.4	1,448	91.9	1,611	71.6	
Total received	3,033	79.3	1,927	80.5	596	82.7	788	86.5	518	71.0	1,106	77.1	1,437	91.2	1,596	70.9	
General circulation transactions	3,079	80.5	1,967	82.2	618	85.7	795	87.3	529	72.5	1,112	77.5	1,453	92.2	1,626	72.2	
Reserve circulation transactions	2,967	77.5	1,885	78.8	584	81.0	774	85.0	502	68.8	1,082	75.5	1,424	90.4	1,543	68.5	
Number of presentations	3,080	80.5	1,961	81.9	612	84.9	791	86.8	533	73.0	1,119	78.0	1,456	92.4	1,624	72.1	
Total attendance at all presentations	3,051	79.7	1,936	80.9	609	84.5	785	86.2	517	70.8	1,115	77.8	1,449	91.9	1,602	71.2	
Part F-Library services, typical week																	
Hours open, typical week	3,144	82.2	1,998	83.5	626	86.8	803	88.1	543	74.4	1,146	79.9	1,461	92.7	1,683	74.8	
Gate count, typical week	3,016	78.8	1,910	79.8	595	82.5	767	84.2	527	72.2	1,106	77.1	1,411	89.5	1,605	71.3	
Reference transactions, typical week	3,129	81.8	1,988	83.1	623	86.4	797	87.5	543	74.4	1,141	79.6	1,458	92.5	1,671	74.2	

See notes at end of table.

Table F-1. Number and percentage of responding academic libraries, by level, control of institution, and item: 2008—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 G-Electronic services																	
Library services provided:																	
Documents digitized by library staff	3,174	82.9	2,010	84.0	628	87.1	808	88.7	548	75.1	1,164	81.2	1,465	93.0	1,709	75.9	
Library reference service by e-mail or Web	3,177	83.0	2,013	84.1	630	87.4	809	88.8	548	75.1	1,164	81.2	1,465	93.0	1,712	76.1	
Technology to assist patrons with disabilities	3,173	82.9	2,011	84.0	629	87.2	808	88.7	548	75.1	1,162	81.0	1,464	92.9	1,709	75.9	
Electronic theses and dissertations produced by students	3,174	82.9	2,011	84.0	629	87.2	808	88.7	548	75.1	1,163	81.1	1,464	92.9	1,710	76.0	
Part H-Information Literacy																	
Definition of information literacy or of an information literate student	3,159	82.5	2,002	83.7	624	86.5	806	88.5	546	74.8	1,157	80.7	1,463	92.8	1,696	75.3	
Incorporated information literacy into the institution's mission	3,157	82.5	2,001	83.6	624	86.5	805	88.4	546	74.8	1,156	80.6	1,463	92.8	1,694	75.3	
Incorporated information literacy into the institution's strategic plan	3,154	82.4	1,998	83.5	624	86.5	804	88.3	544	74.5	1,156	80.6	1,463	92.8	1,691	75.1	
Institution-wide committee to implement the strategic plan for information literacy	3,150	82.3	1,996	83.4	623	86.4	804	88.3	543	74.4	1,154	80.5	1,461	92.7	1,689	75.0	
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, 2008.

Table F-2. Number and percentage of non-responding academic libraries, by level, control of institution, and state: 2008

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	509	13.3	309	12.9	77	10.7	82	9.0	146	20.0	200	13.9	72	4.6	437	19.4	
Alabama	3	4.5	2	5.1	0	0.0	0	0.0	2	13.3	1	3.7	0	0.0	3	11.1	
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	13	22.8	8	27.6	2	28.6	1	14.3	4	28.6	5	17.9	3	12.5	10	30.3	
Arkansas	3	6.5	2	9.1	0	0.0	0	0.0	2	22.2	1	4.2	1	3.0	2	15.4	
California	67	18.7	42	20.8	10	13.9	12	16.4	19	36.5	25	15.9	14	9.5	53	25.0	
Colorado	11	16.4	4	10.5	1	8.3	2	20.0	1	6.3	7	24.1	1	3.8	10	24.4	
Connecticut	6	13.3	4	13.8	0	0.0	1	11.1	3	37.5	2	12.5	3	13.6	3	13.0	
Delaware	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
District of Columbia	3	20.0	3	20.0	0	0.0	2	33.3	1	100.0	0	0.0	0	0.0	3	23.1	
Florida	32	19.9	24	22.0	4	19.0	8	19.5	12	26.1	8	15.4	0	0.0	32	26.2	
Georgia	10	8.5	4	6.2	1	5.9	2	7.4	1	5.0	6	11.5	3	4.5	7	14.0	
Hawaii	4	21.1	2	16.7	1	25.0	0	0.0	1	25.0	2	28.6	1	11.1	3	30.0	
Idaho	2	15.4	2	22.2	0	0.0	0	0.0	2	50.0	0	0.0	0	0.0	2	33.3	
Illinois	13	7.9	10	9.5	6	14.6	2	6.5	2	6.1	3	5.1	1	1.7	12	11.5	
Indiana	14	17.3	12	19.4	3	21.4	5	18.5	4	19.0	2	10.5	2	7.1	12	22.6	
Iowa	3	4.8	3	6.5	0	0.0	1	5.9	2	9.5	0	0.0	0	0.0	3	6.8	
Kansas	4	6.9	1	3.3	0	0.0	0	0.0	1	7.7	3	10.7	3	9.4	1	3.8	
Kentucky	6	8.8	4	10.0	0	0.0	0	0.0	4	25.0	2	7.1	1	4.2	5	11.4	
Louisiana	7	13.7	3	10.3	0	0.0	0	0.0	3	42.9	4	18.2	0	0.0	7	28.0	
Maine	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
Maryland	11	20.0	7	19.4	4	26.7	2	11.1	1	33.3	4	21.1	1	3.3	10	40.0	
Massachusetts	10	8.6	7	7.5	3	9.7	4	10.0	0	0.0	3	13.0	1	3.2	9	10.6	
Michigan	21	21.6	16	24.6	2	10.5	3	13.6	11	50.0	5	15.6	4	9.1	17	32.1	
Minnesota	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	
Mississippi	2	5.0	1	5.0	1	16.7	0	0.0	0	0.0	1	5.0	2	7.7	0	0.0	
Missouri	20	18.5	12	16.0	4	17.4	0	0.0	8	27.6	8	24.2	1	3.0	19	25.3	
Montana	2	9.5	0	0.0	0	0.0	0	0.0	0	0.0	2	18.2	2	12.5	0	0.0	
Nebraska	5	12.5	4	14.3	0	0.0	1	7.1	3	33.3	1	8.3	0	0.0	5	20.0	
Nevada	3	17.6	2	18.2	0	0.0	0	0.0	2	28.6	1	16.7	0	0.0	3	30.0	
New Hampshire	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	

See notes at end of table.

Table F-2. Number and percentage of non-responding academic libraries, by level, control of institution, and state: 2008—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	4	7.3	3	8.6	0	0.0	1	6.7	2	40.0	1	5.0	1	3.1	3	13.0	
New Mexico	7	17.9	5	26.3	0	0.0	3	33.3	2	28.6	2	10.0	2	7.1	5	45.5	
New York	60	21.1	46	22.4	19	27.5	13	14.6	14	31.8	14	17.5	3	3.8	57	27.8	
North Carolina	5	3.9	5	7.8	0	0.0	2	9.1	3	11.5	0	0.0	0	0.0	5	9.6	
North Dakota	2	10.0	1	8.3	0	0.0	0	0.0	1	14.3	1	12.5	1	7.1	1	16.7	
Ohio	29	17.0	10	10.8	3	12.5	4	9.1	2	9.1	19	24.4	4	8.0	25	20.7	
Oklahoma	5	9.6	4	11.4	0	0.0	1	5.9	3	27.3	1	5.9	1	3.4	4	17.4	
Oregon	5	9.3	2	5.9	0	0.0	0	0.0	2	22.2	3	15.0	1	4.0	4	13.8	
Pennsylvania	35	18.0	10	8.3	4	8.3	3	6.1	3	12.5	25	34.2	3	8.1	32	20.4	
Rhode Island	1	7.1	1	8.3	1	20.0	0	0.0	0	0.0	0	0.0	1	33.3	0	0.0	
South Carolina	15	23.1	11	27.5	0	0.0	5	27.8	6	40.0	4	16.0	3	9.1	12	37.5	
South Dakota	3	13.0	2	11.8	0	0.0	1	10.0	1	50.0	1	16.7	0	0.0	3	27.3	
Tennessee	8	8.5	5	7.7	2	11.1	0	0.0	3	12.0	3	10.3	0	0.0	8	11.1	
Texas	26	12.9	7	6.7	2	3.9	0	0.0	4	16.0	19	19.4	4	3.8	22	22.4	
Utah	2	8.0	1	6.3	0	0.0	0	0.0	1	14.3	1	11.1	0	0.0	2	12.5	
Vermont	2	10.0	1	5.3	0	0.0	1	7.7	0	0.0	1	100.0	0	0.0	2	13.3	
Virginia	14	14.1	9	14.3	2	10.0	2	11.8	5	20.8	5	13.9	2	5.1	12	20.0	
Washington	7	10.3	5	12.8	2	20.0	0	0.0	3	23.1	2	6.9	1	2.4	6	22.2	
West Virginia	1	3.1	0	0.0	0	0.0	0	0.0	0	0.0	1	11.1	0	0.0	1	5.9	
Wisconsin	3	4.5	2	4.3	0	0.0	0	0.0	2	18.2	1	4.8	1	3.2	2	5.6	
Wyoming	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	

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

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey (ALS), 2008.

Table F-3. Total number of academic libraries, by level, control of institution, and state: 2008

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	3,827	2,393	721	911	730	1,434	1,576	2,251
Alabama	66	39	11	13	15	27	39	27
Alaska	6	4	1	2	1	2	5	1
Arizona	57	29	7	7	14	28	24	33
Arkansas	46	22	6	7	9	24	33	13
California	359	202	72	73	52	157	147	212
Colorado	67	38	12	10	16	29	26	41
Connecticut	45	29	11	9	8	16	22	23
Delaware	9	6	4	2	0	3	5	4
District of Columbia	15	15	7	6	1	0	2	13
Florida	161	109	21	41	46	52	39	122
Georgia	117	65	17	27	20	52	67	50
Hawaii	19	12	4	4	4	7	9	10
Idaho	13	9	3	2	4	4	7	6
Illinois	164	105	41	31	33	59	60	104
Indiana	81	62	14	27	21	19	28	53
Iowa	63	46	8	17	21	17	19	44
Kansas	58	30	5	12	13	28	32	26
Kentucky	68	40	8	16	16	28	24	44
Louisiana	51	29	11	10	7	22	26	25
Maine	29	19	4	6	9	10	15	14
Maryland	55	36	15	18	3	19	30	25
Massachusetts	116	93	31	40	19	23	31	85
Michigan	97	65	19	22	22	32	44	53
Minnesota	98	64	16	20	26	34	42	56
Mississippi	40	20	6	9	5	20	26	14
Missouri	108	75	23	23	29	33	33	75
Montana	21	10	2	5	3	11	16	5
Nebraska	40	28	5	14	9	12	15	25
Nevada	17	11	2	2	7	6	7	10
New Hampshire	26	18	5	6	7	8	11	15

See notes at end of table.

Table F-3. Total number of academic libraries, by level, control of institution, and state: 2008—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	55	35	15	15	5	20	32	23
New Mexico	39	19	3	9	7	20	28	11
New York	285	205	69	89	44	80	80	205
North Carolina	127	64	16	22	26	63	75	52
North Dakota	20	12	3	2	7	8	14	6
Ohio	171	93	24	44	22	78	50	121
Oklahoma	52	35	7	17	11	17	29	23
Oregon	54	34	9	16	9	20	25	29
Pennsylvania	194	121	48	49	24	73	37	157
Rhode Island	14	12	5	4	2	2	3	11
South Carolina	65	40	6	18	15	25	33	32
South Dakota	23	17	5	10	2	6	12	11
Tennessee	94	65	18	21	25	29	22	72
Texas	202	104	51	27	25	98	104	98
Utah	25	16	3	6	7	9	9	16
Vermont	20	19	2	13	4	1	5	15
Virginia	99	63	20	17	24	36	39	60
Washington	68	39	10	16	13	29	41	27
West Virginia	32	23	3	12	7	9	15	17
Wisconsin	67	46	12	23	11	21	31	36
Wyoming	9	1	1	0	0	8	8	1

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey, 2008.