

NCES 2014-039

U.S. DEPARTMENT OF EDUCATION

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

Fiscal Year 2012

January 2014

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January 2014

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Suggested Citation

Phan, T., Hardesty, L., Hug, J., (2014). *Documentation for the Academic Libraries Survey (ALS) Public-use Data File: Fiscal Year 2012* (NCES 2014-040). National Center for Education Statistics, Institute of Education Sciences, U.S. Department of Education. Washington, DC.

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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 2012. 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. For this survey, academic libraries must meet the following criteria: (1) total expenditures that exceeds \$10,000, (2) an organized collection of printed or other materials or a combination thereof; (3) a staff trained to provide and interpret such materials as required to meet the informational, cultural, recreational, or educational needs of clientele; (4) an established schedule in which services of the staff are available to clientele; and (5) the physical facilities necessary to support such a collection, staff, and schedule.

The 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

During the fiscal year 2012, ALS provided NCES with the basic data needed to produce descriptive statistics for 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 50 states and the District of Columbia. Collection of these data will enable the nation to plan effectively for the development and use of postsecondary education library resources.

Data Uses

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 collection 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) need 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 librarian profession.

Congressional Authorization

The National Center for Education Statistics (NCES) of the Institute of Education Sciences (IES), U.S. Department of Education, conducts 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 4,176 academic libraries in the 50 states and the District of Columbia and 85 academic libraries in the outlying areas for the 2012 Academic Libraries Survey. The outlying areas include American Samoa, Federal State Micronesia, Guam, Marshall Islands, Northern Mariana Islands, Palau, Puerto Rico and Virgin Islands.

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 2012 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) 2012. Fiscal year 2012 is defined as any 12-month period between June 1, 2011 and September 30, 2012, that corresponds to the institution’s fiscal year. Library staff data are for fall 2012. Other library services data are for a typical week in the fall of 2012.

Survey Response Rate

Unit Response

There were a total of 3,793 degree-granting postsecondary institutions in the 50 states and the District of Columbia in the 2012 ALS¹. The unit response rate among these institutions was 85.3 percent.

Item Response

The response rate for each variable in the ALS 2012 survey is given in Appendix F, Table F-1. Item response rates for items where all libraries are in-scope, or eligible to answer, are calculated by dividing the total number of responding libraries by the total number of libraries in the universe (3,793). Libraries in the outlying areas as well as child institutions are considered out-of-scope for this calculation. See description of child institutions on page 8.

Data Collection and Processing

The ALS survey was released on the web on November 9, 2012. The survey had a due date of February 28, 2013, although it was extended to April 15, 2013. Data are collected and processed for NCES by the Census Bureau, Governments Division. For the 2012 Web-based data collection, state-level library coordinators were available to promote prompt responses from librarians.

Editing and Imputation

Editing

The Web-based data collection application features internal edit checks. An edit check tool alerts the respondent to questionable data via interactive "edit check warnings" during the data entry process and through edit check reports can be viewed on screen or printed. The edit check program enables the respondent to submit edited data to NCES, which usually requires little or no follow-up for data problems. The edit check tool includes seven types of edits:

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

¹ From the universe of 4,261 records, subtract 85 institutions in the outlying areas, 380 institutions that are children, and 3 institutions that are nonrespondents with status code=3. These 3 records have statuses of 3 because they reported "No" to the Integrated Post Secondary Data System's (IPEDS) library facilities question.

- *Range checks* – An error message is generated if responses are above or below expected amounts. For example, if e-books added during the fiscal year were greater than 250,000, an error message is generated. If the reported hours of service are greater than 168 hours per week, an error message is generated.
- *Current year/prior year comparisons* – If the current year data do not fall within the “acceptable range” for the prior reporting period, an error message is generated.
- *Ratios* – The ratio of one item to another must not exceed a limit, such as when the ratio of program attendance to the number of presentations exceeds an upper limit and is not reasonable, an error message will be generated.
- *Item comparison* – One item should not exceed another, such as books added during the year should not exceed books held at the end of the year.
- *Missing or blank items* – If an item is not reported by a respondent, such as missing total expenditures, then an error message will be generated.

After responses were received, the Census Bureau reviewed the data and contacted respondents with questionable data to request verification or correction of that data. Data records were aggregated into preliminary draft tables, which were reviewed by NCES and the Census Bureau for data quality issues.

Imputation

When surveys are sent to the Census Bureau for processing, responses are not always given for every data item. In order to make complete datasets for constructing estimates of totals, imputation for the missing data items is necessary. This section describes the imputation methods used to fill in for the missing data.

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

- If a value was missing and prior year (FY 2010 or FY 2008) data were available and were not expected to change, then the missing value was filled with the value in the prior year. For example, the number of reported Branches and Independent Libraries (Item 100) is likely to remain constant from year to year, so the prior year value was brought forward, if the current year was not reported.
- If a value was missing, prior year data were available, and the value was expected to change from the prior year, then the missing value was filled with the prior year value multiplied by the median growth rate within the imputation cell. For example, the number of Full-time Librarians (Item 200, column 1) is expected to change from year to year, so this imputation method was used.

- If a value was missing and prior year data were unavailable or older than FY 2008, then data were imputed using the current year median cell distribution ratio. For example, impute E-books Added (Item 401, column 1) using the value of E-books Held (Item 401, column 2) multiplied by the median cell distribution ratio of E-books Added to E-books Held.
- If there were missing current year data that prevented the use of a current year median cell distribution ratio, then the current year cell median was imputed. For example, if it was not possible to impute E-books Added using a current year median cell distribution ratio because E-books Held was missing, then E-books Added was imputed with the current year cell median.
- After imputation, if a total was missing or known to need adjustment, then the total was readjusted to equal the sum of its detail items.

None of the yes/no variables (Electronic Services (Items 700-703), Information Literacy (Items 800-801), or Virtual Reference items (900-904)) were imputed.

Changes Since Survey Year 2000

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 NCES – 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 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 to ensure the institution 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, starting position 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/aca_data.asp). See the website <http://nces.ed.gov/pubsearch/licenses.asp> for information about obtaining a license for restricted-use data files.

The ALS 2012 data files are named as follows:

- 1) Tab delimited ASCII (flat file) format:
ALS_2012_P.1.A.TXT (Public Use)
- 2) MS ACCESS database:
ALS_2012_P.1.A.MDB (Public Use)

The file naming and versioning convention applied for the ALS 2012 file is as follows:

- Position 1-3: Survey (ALS)
- Position 4: Underscore (_)
- Position 5-8: Year (2012)
- 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 are 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 SAS program to read the public-use file is Read_ALS_2012_P.1.A.sas.TXT.
The SPSS program to read the public-use file is Read_ALS_2012_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 same UNITID 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 the UNITIDs be of the same format.

Status Flags

All numeric variables were imputed for the 557 non-responding libraries of the 3,793 institutions with academic libraries located in the 50 states and in the District of Columbia. Responses on particular variables were also imputed for partial respondents. A status flag shows whether or not it was imputed, and ALS Status Codes are as follows:

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

Sometimes respondents left items blank when they had no data for that item. When a respondent left an item blank we systematically compared the missing value to determine if the originally reported blank value should be changed to zero. For such cases, imputation procedures changed the flag from N to Z if it was clear there was a missing zero. This imputation was not performed on "Child" institutions and hence those records will show the value N for the imputation flag if the original data field was blank.

The naming convention for status flags is an X followed by the variable name. If the value of the 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 and reported by the “Parent” institution. All library survey data fields for the child institutions are blank. It must also be noted that Branch institutions and their libraries may function independently of the main or central institution and, therefore, report their own data.

Although the child records do not include any library data, the records are included in the file so researchers can identify institutions that have or share a library. There are a total of 80 parent institutions that have children (i.e., 80 parent institutions have one or more child institution(s) associated with them in the 2012 ALS). There are 380 child institutions associated with these parents 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.

Appendix A
ALS 2012 Record Layout

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Appendix A—ALS 2012 Record Layout

Variable Name	Start Position	Field Width	Field Type	Data Element Description	Source
UNITID	1	6	character	Unit Identification Number: The unique unit identification number assigned to every institution in the universe.	IPEDS
INSTNM	7	100	character	Institution (entity) name	IPEDS
ADDR	107	100	character	Institution (entity) street address or post office box	IPEDS
CITY	207	30	character	City location of institution	IPEDS
STABBR	237	2	character	Post Office State abbreviation code. See FIPS state code.	IPEDS
ZIP	239	9	character	ZIP + four (does not include dash). Last four positions may be blank	IPEDS
ADDR_M	248	100	character	Institution (entity) mailing address or post office box	Survey
CITY_M	348	30	character	City location of institution's mailing address	Survey
STABBR_M	378	2	character	Post Office State abbreviation code. See FIPS state code.	Survey
ZIP_M	380	9	character	ZIP + four (does not include dash) of mailing address. Last four positions may be blank	Survey
STCD	389	4	character	State Congressional District	IPEDS
FIPS	393	2	character	FIPS state code	IPEDS
ACT	395	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	396	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	398	9	character	Employer Identification Number - assigned by Internal Revenue Service -1 - Not reported -2 - Not applicable Blank - Not available	IPEDS
OPEID	407	8	character	Office of Postsecondary Education identification number for those institutions eligible to participate in Title IV programs	IPEDS
OPEFLAG	415	1	numeric	OPE eligibility indicator code 1 - Institution participates in Title IV federal financial aid programs 2 - Branch campus of a main campus that participates in Title IV 3 - Deferment only - limited participation 4 - New participants (became eligible during the Fall collection-IPEDS) 5 - Not currently participating in Title IV, has an OPE ID number 6 - Not currently participating in Title IV, does not have and OPE ID number	IPEDS
WEBADDR	416	100	character	Institution's internet website address	IPEDS
SECTOR	516	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	IPEDS

Appendix A—ALS 2012 Record Layout

				<ul style="list-style-type: none"> 2 - Private non-profit, 4-year and above 3 - Private for-profit, 4-year and above 4 - Public, 2-year 5 - Private non-profit, 2-year 6 - Private for-profit, 2-year 7 - Public, less-than-2-year 8 - Private non-profit, less-than-2-year 9 - Private for-profit, less-than-2-year -3 - Not available 	
ICLEVEL	518	2	numeric	Level of institution (generated, based on response to IC survey) <ul style="list-style-type: none"> 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	520	2	numeric	Control of institution <ul style="list-style-type: none"> 1 - Public 2 - Private, non-profit 3 - Private, for profit -3 - Not available 	IPEDS
HLOFFER	522	2	numeric	Highest level of offering (generated, based on response to IC survey) <ul style="list-style-type: none"> 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 -2 - Not applicable, 1st professional only -3 - Not available 	IPEDS
UGOFFER	524	2	numeric	Undergraduate offering (generated, based on response to IC survey) <ul style="list-style-type: none"> 1 - Undergraduate degree or certificate offered 2 - No undergraduate offering -3 - Not available 	IPEDS
GROFFER	526	2	numeric	Graduate offering (generated, based on response to IC survey) <ul style="list-style-type: none"> 1 - Graduate degree or certificate offered 2 - No graduate offering -3 - Not available 	IPEDS
HDEGOFR1	528	2	numeric	Highest Degree offered <ul style="list-style-type: none"> 0 - Non-degree granting 11 - Doctor's degree – research/scholarship and professional practice 12 - Doctor's degree – research/scholarship 13 - Doctor's degree – professional practice 14 – Doctor's degree - other 20 - Master's degree 30 - Bachelors 40 - Associates -3 - Not available 	IPEDS
DEGGRANT	530	2	numeric	Degree granting status <ul style="list-style-type: none"> 1 - Yes 2 - No -1 - Not reported 	IPEDS
PCTMIN1	532	3	numeric	Percent minority, generated from 2011 Fall Enrollment Survey - responding institutions only (does not include imputed data) <ul style="list-style-type: none"> Percent Black, non-Hispanic -1 - Not reported -3 - Not available 	IPEDS

Appendix A—ALS 2012 Record Layout

PCTMIN2	535	3	numeric	Percent minority, generated from 2011 Fall Enrollment Survey - responding institutions only (does not include imputed data) Percent American Indian/Alaskan Native -1 - Not reported -3 - Not available	IPEDS
PCTMIN3	538	3	numeric	Percent minority, generated from 2011 Fall Enrollment Survey - responding institutions only (does not include imputed data) Percent Asian/Pacific Islander -1 - Not reported -3 - Not available	IPEDS
PCTMIN4	541	3	numeric	Percent minority, generated from 2011 Fall Enrollment Survey - responding institutions only (does not include imputed data) Percent Hispanic -1 - Not reported -3 - Not available	IPEDS
HBCU	544	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	546	2	numeric	Institution has hospital 1 - Yes 2 - No -2 - Not applicable -3 - Not available	IPEDS
MEDICAL	548	2	numeric	Institution grants a medical degree 1 - Yes 2 - No -1 - Not reported -2 - Not applicable	IPEDS
TRIBAL	550	2	numeric	Tribal college 1 - Yes 2 - No -3 - Not available	IPEDS
CARNEGIE	552	2	numeric	Carnegie Classification Code The 2000 Carnegie Classification includes all colleges and universities in the United States that are degree-granting and accredited by an agency recognized by the U.S. Secretary of Education. The 2000 edition classifies institutions based on their degree-granting activities from 1995-96 through 1997-98. 15 - Doctoral/Research Universities-Extensive: These institutions typically offer a wide range of baccalaureate programs, and they are committed to graduate education through the doctorate. They award 50 or more doctoral degrees per year across at least 15 disciplines 16 - Doctoral/Research Universities-Intensive: These institutions typically offer a wide range of baccalaureate programs, and they are committed to graduate education through the doctorate. They award at least ten doctoral degrees/1 per year across three or more disciplines, 2 or at least 20 doctoral degrees per year overall. 21 - Master's Colleges and Universities I: These institutions typically offer a wide range of baccalaureate programs, and they are committed to graduate education through the master's degree. They award 40 or more master's degrees per year across three or more disciplines. 22 - Master's (Comprehensive) Colleges and Universities II: These institutions typically offer a wide range of baccalaureate programs, and they are committed to graduate education through the master's degree. They award 20 or more master's degrees per year. 31 - Baccalaureate Colleges-Liberal Arts: These institutions are primarily undergraduate colleges with major emphasis on baccalaureate programs. They award at least half of their baccalaureate degrees in liberal arts fields. 32 - Baccalaureate Colleges-General: These institutions are primarily undergraduate colleges with major emphasis on baccalaureate programs. They award less than half of their baccalaureate degrees in liberal arts fields.	IPEDS

Appendix A—ALS 2012 Record Layout

				<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): 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	554	2	numeric	<p>Carnegie Classification 2005: Basic Code</p> <p>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>	IPEDS

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			<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 degrees 13 - Associate's - Private not-for-profit 4-year primarily associate's degrees 14 - Associate's - Private for-profit 4-year primarily associate's degrees 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 15 - Research Universities (very high research activity) 16 - Research Universities (high research activity) 17 - Doctoral/Research Universities 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. 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. 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. 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. 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. Special Focus institutions include: 24 - Theological seminaries, Bible Colleges and other faith-related institutions: These institutions primarily offer religious instruction or train members of the clergy. 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. 26 - Other separate health profession schools: These institutions award most of their degrees in such fields as chiropractic, nursing, pharmacy, or podiatry. 27 - Schools of engineering: These institutions award most of their bachelor's or graduate degrees in engineering. 28 - Other technology-related schools: These institutions award most of their bachelor's or graduate degrees in technology-related fields. 29 - Schools of business and management: These institutions award most of their bachelor's or graduate degrees in business or business-related programs. 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>	
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				<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	556	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 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>	IPEDS
OPENPUBL	558	2	numeric	<p>Institution open to the general public</p> <p>1 - Yes</p> <p>0 - No</p>	IPEDS
DATSRC	560	1	character	<p>Data source code - the media source used for returning data:</p> <p>1 - Internet/Web</p>	Derived

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				7 - Other, telephone N - not returned	
STATUS	561	1	character	Response status code A code identifying the response status of the institution 1 - Respondent 3 - Nonrespondent to data and screening questions, not imputed 4 - Nonrespondent, imputed 5 - Nonrespondent to data (screening questions reported, out-of-scope), not imputed 6 - Nonrespondent to data (screening questions reported, in-scope), not imputed	Derived
EDITST	562	1	character	Release status given to NCES 1 - Record edited with no edit or critical flags 2 - Record edited with critical edit flags, analyst accept 3 - Record edited with critical edit flags remaining, NCES override 4 - Record is on hold 5 - Record failed the edits N - not edited	Derived
IMPUTE	563	1	character	Impute indicator 1 - at least one part is imputed 0 - not imputed	Derived
PARTAF1AG1	564	1	character	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: 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 *partaf1ag1 will never be 2 because there is only one line item in this part.	Derived
PARTB1AG1	565	1	character	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: 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
PARTB1AG2	566	1	character	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: 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
PARTC1AG1	567	1	character	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: 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
PARTC1AG2	568	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
PARTD1AG1	569	1	character	Imputation flag for columns 1 and 2 of items 400 and 402-403. 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
PARTD1AG2	570	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

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PARTEFLAG1	571	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	572	1	character	Imputation flag for items 507, 508, and 511. 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	573	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	574	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	575	8	character	Date the imputations were run (MMDDYYYY)	Derived
FTEUSED	583	8	numeric	2011-12 IPEDS Fall Collection full-time equivalent student enrollment based on Digest of Education Statistics formula (http://nces.ed.gov/programs/digest/)	IPEDS
FTEFLAG	591	1	character	Flag to indicate FTE is estimated by the Census Bureau. 3- Combined with Children FTE 1 - Estimated 0 - Not estimated	Derived
ELGEXP	592	1	character	Institution has an total library expenditures exceeding \$10,000 1 - Yes 2 - No N - No response	Survey
ELGCOLL	593	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	594	1	character	Institution has a staff trained to provide and interpret such materials as required to meet the informational, cultural, recreational, or educational needs of clientele 1 - Yes 2 - No N - No response	Survey
ELGSCHED	595	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	596	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	597	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	598	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.	Survey

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XBRANCHES	604	1	character	-2 - Not applicable 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	605	6	numeric	Number of branch and independent libraries (exclude main or central library)	Survey
XSTLIBS	611	1	character	Statusflag	Survey
STLIBS	612	9.2	numeric	Librarians	Survey
XSTOTHPRO	621	1	character	Statusflag	Survey
STOTHPRO	622	9.2	numeric	Other professional staff	Survey
XSTLIBPRO	631	1	character	Statusflag	Survey
STLIBPRO	632	9.2	numeric	Total librarians and other professional staff (sum items 200 and 201, col. 1)	Survey
XSTOTH	641	1	character	Statusflag	Survey
STOTH	642	9.2	numeric	All other paid staff (except student assistants)	Survey
XSTASST	651	1	character	Statusflag	Survey
STASST	652	9.2	numeric	Student assistants from all funding sources	Survey
XSTTOT	661	1	character	Statusflag	Survey
STTOT	662	9.2	numeric	Total full-time equivalent (FTE) staff (sum items 202 through 204, col.1)	Survey
XSWLIBPRO	671	1	character	Statusflag	Survey
SWLIBPRO	672	12	numeric	Salaries and wages-librarians and other professional staff	Survey
XSWOTH	684	1	character	Statusflag	Survey
SWOTH	685	12	numeric	Salaries and wages-all other paid staff (except student assistants)	Survey
XSWASST	697	1	character	Statusflag	Survey
SWASST	698	12	numeric	Salaries and wages-student assistants from all funding sources	Survey
XSWTOT	710	1	character	Statusflag	Survey
SWTOT	711	12	numeric	Total salaries and wages for total full-time equivalent (FTE) staff (sum items 202 through 204, col.2)	Survey
XFRINGEYN	723	1	character	Statusflag	Survey
FRINGEYN	724	1	character	Are employee fringe benefits paid from the library budget 1 - Yes 2 - No N - nonresponse	Survey
XFRINGE	725	1	character	Statusflag	Survey
FRINGE	726	12	numeric	Employee fringe benefits (if paid from the library budget)	Survey
XEXBKS	738	1	character	Statusflag	Survey
EXBKS	739	12	numeric	Expenditures for books, serial backfiles and other materials (one-time purchases)	Survey
XEXELBKS	751	1	character	Statusflag	Survey
EXELBKS	752	12	numeric	Expenditures for electronic Books, electronic serial backfiles and other electronic materials (one-time purchases)	Survey
XEXAUD	764	1	character	Statusflag	Survey
EXAUD	765	12	numeric	Expenditures for audiovisual	Survey
XEXCUSER	777	1	character	Statusflag	Survey
EXCUSER	778	12	numeric	Expenditures for current serial subscriptions (ongoing commitments)	Survey
XEXELSER	790	1	character	Statusflag	Survey
EXELSER	791	12	numeric	Expenditures for electronic serials	Survey

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XEXDEL	803	1	character	Statusflag	Survey
EXDEL	804	12	numeric	Expenditures for document deliver/interlibrary loan	Survey
XEXPRES	816	1	character	Statusflag	Survey
EXPRES	817	12	numeric	Expenditures for preservation	Survey
XEXOTHIR	829	1	character	Statusflag	Survey
EXOTHIR	830	12	numeric	Other expenditures for information resources	Survey
XEXCOMP	842	1	character	Statusflag	Survey
EXCOMP	843	12	numeric	Expenditures for computer hardware and software (include maintenance)	Survey
XEXBIB	855	1	character	Statusflag	Survey
EXBIB	856	12	numeric	Expenditures for bibliographic utilities, networks and consortia	Survey
XEXOTH	868	1	character	Statusflag	Survey
EXOTH	869	12	numeric	All other operating expenditures	Survey
XEXTOT	881	1	character	Statusflag	Survey
EXTOT	882	12	numeric	Total expenditures (sum items 205, 300, 303, 305 through 310)	Survey
XCOLELYN	894	1	character	Statusflag	
COLELYN	895	1	character	Library collection is entirely electronic 1 - Yes 2 - No N - nonresponse	Survey
XCOLBKSA	896	1	character	Statusflag	Survey
COLBKSA	897	12	numeric	Books, serial backfiles and other paper materials (include government documents)- added	Survey
XCOLEBKSA	909	1	character	Statusflag	Survey
COLEBKSA	910	12	numeric	E-Books - added	Survey
XCOLMICRA	922	1	character	Statusflag	Survey
COLMICRA	923	12	numeric	Microforms - added	Survey
XCOLAUDA	935	1	character	Statusflag	Survey
COLAUDA	936	12	numeric	Audiovisual materials - added	Survey
XCOLBKSH	948	1	character	Statusflag	Survey
COLBKSH	949	12	numeric	Books, serial backfiles and other paper materials (include government documents) held	Survey
XCOLEBKSH	961	1	character	Statusflag	Survey
COLEBKSH	962	12	numeric	E-Books - held	Survey
XCOLMICRH	974	1	character	Statusflag	Survey
COLMICRH	975	12	numeric	Microforms - held	Survey
XCOLAUDH	987	1	character	Statusflag	Survey
COLAUDH	988	12	numeric	Audiovisual materials - held	Survey
XILPRET	1000	1	character	Statusflag	Survey
ILPRET	1001	12	numeric	Returnable - Interlibrary loans provided	Survey
XILPNON	1013	1	character	Statusflag - Interlibrary loans provided	Survey
ILPNON	1014	12	numeric	Non-returnable - Interlibrary loans provided	Survey
XILPTOT	1026	1	character	Statusflag	Survey
ILPTOT	1027	12	numeric	Total provided (sum items 500 and 501)	Survey
XILRRET	1039	1	character	Statusflag	Survey
ILRRET	1040	12	numeric	Returnable- Interlibrary loans received	Survey
XILRNON	1052	1	character	Statusflag	Survey
ILRNON	1053	12	numeric	Non-returnable - Interlibrary loans received	Survey
XDOCDEL	1065	1	character	Statusflag	Survey
DOCDEL	1066	12	numeric	Documents delivered from commercial services	Survey
XILRTOT	1078	1	character	Statusflag	Survey
ILRTOT	1079	12	numeric	Total received (sum items 503, 504, and 505)	Survey

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XCRGEN	1091	1	character	Statusflag	Survey
CRGEN	1092	12	numeric	General circulation transactions	Survey
XCRRSV	1104	1	character	Statusflag	Survey
CRRSV	1105	12	numeric	Reserve circulation transactions	Survey
XPRESEN	1117	1	character	Statusflag	Survey
PRESEN	1118	12	numeric	Number of presentations	Survey
XATTEND	1130	1	character	Statusflag	Survey
ATTEND	1131	12	numeric	Total attendance at all presentations	Survey
XTOTSERIN	1143	1	character	Statusflag	Survey
TOTSERIN	1144	12	numeric	Total services to individuals	Survey
XHOURS	1156	1	character	Statusflag	Survey
HOURS	1157	8	numeric	Hours open in a typical week	Survey
XGATECT	1165	1	character	Statusflag	Survey
GATECT	1166	12	numeric	Gate count in a typical week	Survey
XDOCDIGYN	1178	1	character	Statusflag	Survey
DOCDIGYN	1179	1	character	Documents digitized by the library staff 1 - Yes 2 - No N - No response	Survey
XLIBREFYN	1180	1	character	Statusflag	Survey
LIBREFYN	1181	1	character	Library reference service by e-mail or the Web 1 - Yes 2 - No N - No response	Survey
XTECHYN	1182	1	character	Statusflag	Survey
TECHYN	1183	1	character	Technology to assist patrons with disabilities (e.g., TDD, specially equipped work stations) 1 - Yes 2 - No N - No response	Survey
XTHESYN	1184	1	character	Statusflag	Survey
THESYN	1185	1	character	Electronic theses and dissertations produced by your students 1 - Yes 2 - No N - No response	Survey
XSTLEARNYN	1186	1	character	Statusflag	Survey
STLEARNYN	1187	1	character	Articulated student learning/student success outcomes 1 - Yes 2 - No N - nonresponse	Survey
XINFLITOUTYN	1188	1	character	Statusflag	Survey
INFLITOUTYN	1189	1	character	Incorporated information literacy in the institution's student learning outcomes 1 - Yes 2 - No N - nonresponse	Survey
XSUPPVIRTYN	1190	1	character	Statusflag	Survey
SUPPVIRTYN	1191	1	character	Library supports virtual reference services 1 - Yes 2 - No N - nonresponse	Survey
XEMAILREFYN	1192	1	character	Statusflag	Survey
EMAILREFYN	1193	1	character	Library utilizes e-mail reference 1 - Yes 2 - No S - Not Applicable N - nonresponse	Survey

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XCOMSERYN	1194	1	character	Statusflag	Survey
COMSERYN	1195	1	character	Library utilizes chat reference, commercial service (e.g., QuestionPoint, Tutor.com) 1 - Yes 2 - No S - Not Applicable N - nonresponse	Survey
XINSTMESYN	1196	1	character	Statusflag	Survey
INSTMESYN	1197	1	character	Library utilizes chat reference, instant messaging applications (e.g., Meebo) 1 - Yes 2 - No S - Not Applicable N - nonresponse	Survey
XSORTMESYN	1198	1	character	Statusflag	Survey
SORTMESYN	1199	1	character	Library utilizes short message service (SMS) or text messaging 1 - Yes 2 - No S - Not Applicable N - nonresponse	Survey

Appendix B

ALS 2012 Survey Instrument and Instructions

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Appendix B—ALS 2012 Instrument and Instructions

INSTRUCTIONS FOR THE ACADEMIC LIBRARY SURVEY – FY 2012

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 2012.

LIBRARY - An entity that provides all of the following:

1. Total library expenditures exceed \$10,000.
2. An organized collection of printed or other materials or a combination thereof; and
3. A paid, trained library staff to provide and interpret library materials to meet the informational, cultural, recreational, or educational needs of clientele; and
4. An established hours of operation during which paid, trained staff are available to meet the informational service needs of clientele; and
5. 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, Fiscal Year 2012

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 2012. 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.

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Library Staff, Fall 2012 and Salaries/Wages, FY 2012

Column (1), Full-time equivalent (FTE) employees (items 200-205) - Report the number of filled or temporarily vacant FTE positions during Fall 2012. 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 2012 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 2012

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

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library in fiscal year 2012 (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, 2011 to September 30, 2012.** 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

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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 2012

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 2012. 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 2012. To get this figure, take the total number held at the end of FY 2011, add the number added during FY 2012, and subtract the number withdrawn FY 2012.

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,

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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.

Library Services, Fiscal Year 2012

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

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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.

Information services to individuals (items 511) – *Reference and consultation interactions are information contacts* that involve 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), the Web, catalogs and other holdings records, and, through communication or referral, other libraries and institutions, and persons both inside and outside the library.

Reference interactions may be in person, by phone, by e-mail, by the Web, and may take place at the reference desk or elsewhere and take less than 20 minutes to complete. Include information and referral services. Consultation interactions typically occur in person and take longer than 20 minutes to complete.

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.

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.

This is a yearly figure of the reference transactions per typical week (item 602) that was reported in collections before 2010.

Library Services - Typical Week, Fall 2012

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

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seven consecutive calendar days. If waiting for a typical week in Fall 2012 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.

Electronic Services

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". Examples of Technology to assist patrons with disabilities (item 702) are TDD and specially equipped work stations.

Information Literacy

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

Items 800 and 801 relates to activities undertaken by the postsecondary institution, not by the library.

Virtual Reference (revised language 3.5.09) (from NISO Z39.7, text integrated for clarity)

A virtual reference *interaction* is a question that is received and responded to in electronic format and conforms to reference *interactions* in that it is an information contact that involves the knowledge, use, commendation, interpretation, or instruction in the use of one or more information sources by a member of the library staff. Virtual *reference interactions* include e-mail, webform, chat, text messaging, instant messaging, or other network-based medium designed to support virtual reference. Examples of Chat reference, commercial service (item 902) are QuestionPoint and Tutor.com. Examples of Chat reference, instant messaging applications (item 904) are Meebo and Library Help

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 your total library expenditures exceed \$10,000? | Yes/No |
| b. | Do you have an organized collection of printed or other materials or a combination thereof? | Yes/No |
| c. | 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 |
| d. | Do you have established hours of operation during which paid, trained staff are available to meet the informational service needs of clientele? | Yes/No |
| e. | 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 2012

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 2012 Number of full-time equivalents (FTEs) (1)	FY 2012 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 2012

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 2012

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	Is the library collection entirely electronic?	Yes/No _____	

ACADEMIC LIBRARIES SURVEY

LIBRARY SERVICES, FY 2012

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 delivered from commercial services	_____
506	Total received (sum of items 503, 504 and 505)	_____
Circulation:		
507	General circulation transactions	_____
508	Reserve circulation transactions	_____

ACADEMIC LIBRARIES SURVEY

LIBRARY SERVICES CONT., FY 2012

See instructions for definitions.

Item	Services	Number
Information services to groups:		
509	Number of presentations	_____
510	Total attendance at all presentations	_____
511	Total information services to individuals	_____

ACADEMIC LIBRARIES SURVEY

LIBRARY SERVICES, TYPICAL WEEK, FALL 2012

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	_____

ACADEMIC LIBRARIES SURVEY

ELECTRONIC SERVICES, FY 2012

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	_____
703	Electronic theses and dissertations produced by your students	_____

ACADEMIC LIBRARIES SURVEY

INFORMATION LITERACY, FY 2012

See instructions for definition.

Item		Yes/No
Does your postsecondary institution have the following, or has it done the following?		
800	Has your postsecondary institution articulated student/learning/student success outcomes? If not, select “N” and skip 801	_____
801	Is information literacy incorporated in the institution’s student learning/student success outcomes?	_____

ACADEMIC LIBRARIES SURVEY

VIRTUAL REFERENCE, FY 2012

See instructions for definition.

Item		Yes/No
900	Does your library support virtual reference services? If no, select "N" and skip 901 thru 904.	_____
	If yes, does your library utilize any of the following and does it collect usage statistics form any of the virtual reference utilities?	
901	E-mail reference	_____
902	Chat reference, commercial service	_____
903	Chat reference, instant messaging applications	_____
904	Short message service (SMS) or text messaging	_____

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Appendix C

Distribution of Continuous Variables on Academic Libraries Survey: 2012

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Appendix C—Distribution of Continuous Variables on Academic Libraries Survey: 2012

Variable	Label	Minimum	Maximum	Mean
PCTMIN1	Percent Black	0.0	100.0	16.1
PCTMIN2	Percent American Indian/Alaskan Native	0.0	100.0	1.4
PCTMIN3	Percent Asian/Pacific Islander	0.0	100.0	4.2
PCTMIN4	Percent Hispanic	0.0	100.0	11.8
FTEUSED	2011-12 IPEDS Fall Collection Full-Time Equivalent Enrollment	8.0	404,425.0	3,878.0
BRANCHES	Number of Branch and Independent Libraries	0.0	72.0	0.8
STLIBS	Librarians	0.0	400.4	6.3
STOTHPRO	Other Professional Staff	0.0	190.0	1.9
STLIBPRO	Total Librarians and Other Professional Staff	0.0	530.0	8.2
STOTH	All Other Paid Staff	0.0	397.8	7.3
STASST	Student Assistants From All Funding Sources	0.0	206.0	4.9
STTOT	Total Full-Time Equivalent Staff	0.0	1,073.0	20.4
SWLIBPRO	Salaries and Wages - Librarians and Other Professional Staff	0.0	57,228,049.0	713,350.4
SWOTH	Salaries and Wages - All Other Paid Staff	0.0	25,059,323.0	474,249.1
SWASST	Salaries and Wages - Student Assistants	0.0	3,241,663.0	110,174.7
SWTOT	Salaries and Wages - for Total Full-Time Equivalent Staff	0.0	83,834,482.0	1,076,167.8
FRINGE	Employee Fringe Benefits (if Paid From Library Budget)	0.0	13,332,274.0	293,910.0
EXBKS	Books, Serial Backfiles and Other Materials (One-Time Purchases)	0.0	24,715,304.0	170,028.5
EXELBKS	Electronic Expenditures	0.0	5,589,018.0	42,540.8
EXAUD	Audiovisual Expenditures	0.0	930,441.0	8,741.1
EXCUSER	Current Serial Subscriptions (Ongoing Commitments)	0.0	16,391,638.0	452,608.4
EXELSER	Electronic Serial Expenditures	0.0	11,568,308.0	337,636.4
EXDEL	Document Delivery/Interlibrary Loan	0.0	999,711.0	7,631.0
EXPRES	Preservation	0.0	790,254.0	6,319.3
EXOTHIR	Other Expenditures for Information Resources	0.0	8,559,064.0	20,078.3
EXCOMP	Computer Hardware and Software (Include Maintenance)	0.0	2,746,295.0	33,863.7
EXBIB	Bibliographic Utilities, Networks and Consortia	0.0	2,761,306.0	29,187.9
EXOTH	All Other Operating Expenditures	0.0	17,065,142.0	170,951.2
EXTOT	Total expenditures	0.0	134,532,658.0	1,651,003.7
COLBKSA	Books, Serial Backfiles and Other Paper Materials - Added	0.0	1,037,226.0	6,528.2
COLEBKSA	E-books - Added	0.0	1,091,921.0	12,601.2
COLMICRA	Microforms - Added	0.0	364,248.0	906.1
COLAUDA	Audiovisual Materials - Added	0.0	3,517,676.0	1,804.2
COLBKSH	Books, Serial Backfiles and Other Paper Materials - Held	0.0	17,224,647.0	258,809.9
COLEBKSH	E-books - Held	0.0	2,988,228.0	59,764.8
COLMICRH	Microforms - Held	0.0	10,834,692.0	245,451.1
COLAUDH	Audiovisual Materials - Held	0.0	11,019,364.0	28,942.8
ILPRET	ILL Provided, Returnable	0.0	99,267.0	1,513.0
ILPNON	ILL Provided, Non-Returnable	0.0	87,771.0	958.0

Appendix C—Distribution of Continuous Variables on Academic Libraries Survey: 2012

Variable	Label	Minimum	Maximum	Mean
ILPTOT	ILL Provided, Total	0.0	141,867.0	2,471.0
ILRRET	ILL Received, Returnable	0.0	67,389.0	1,264.9
ILRNON	ILL Received, Non-Returnable	0.0	54,869.0	972.8
DOCDEL	Documents Delivered From Commercial Services	0.0	44,553.0	61.1
ILRTOT	Total Received	0.0	109,552.0	2,298.8
CRGEN	General Circulation Transactions	0.0	1,882,465.0	27,564.5
CRRSV	Reserve Circulation Transactions	0.0	2,235,495.0	9,042.4
PRESEN	Number of Presentations	0.0	3,412.0	127.2
ATTEND	Total Attendance at All Presentations	0.0	85,610.0	2,397.9
TOTSERIN	Total Services to Individuals	0.0	386,001.0	6,878.2
HOURS	Hours Open in a Typical Week	0.0	168.0	69.3
GATECT	Gate Count in a Typical Week	0.0	139,775.0	5,307.3

Appendix D

Categorical Variable Frequencies on Academic Libraries Survey: 2012

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Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2012

STABBR	State Abbreviation Code		Cumulative Frequency	Cumulative Percent
	Frequency	Percent		
AK ALASKA	7	0.16	7	0.16
AL ALABAMA	72	1.69	79	1.85
AR Arkansas	49	1.15	128	3.00
AS American Samoa	1	0.02	129	3.03
AZ Arizona	70	1.64	199	4.67
CA California	405	9.50	604	14.18
CO Colorado	71	1.67	675	15.84
CT Connecticut	45	1.06	720	16.90
DC District of Columbia	18	0.42	738	17.32
DE Delaware	12	0.28	750	17.60
FL Florida	188	4.41	938	22.01
FM Federal State Micronesia	1	0.02	939	22.04
GA Georgia	129	3.03	1068	25.06
GU Guam	3	0.07	1071	25.13
HI Hawaii	18	0.42	1089	25.56
IA Iowa	65	1.53	1154	27.08
ID Idaho	17	0.40	1171	27.48
IL Illinois	167	3.92	1338	31.40
IN Indiana	99	2.32	1437	33.72
KS Kansas	60	1.41	1497	35.13
KY Kentucky	69	1.62	1566	36.75
LA Louisiana	59	1.38	1625	38.14
MA Massachusetts	120	2.82	1745	40.95
MD Maryland	58	1.36	1803	42.31
ME Maine	29	0.68	1832	42.99
MH Marshall Islands	1	0.02	1833	43.02
MI Michigan	101	2.37	1934	45.39
MN Minnesota	106	2.49	2040	47.88
MO Missouri	116	2.72	2156	50.60
MP Northern Mariana Islands	1	0.02	2157	50.62
MS Mississippi	39	0.92	2196	51.54
MT Montana	22	0.52	2218	52.05
NC North Carolina	145	3.40	2363	55.46
ND North Dakota	21	0.49	2384	55.95
NE Nebraska	36	0.84	2420	56.79
NH New Hampshire	26	0.61	2446	57.40
NJ New Jersey	62	1.46	2508	58.86
NM New Mexico	42	0.99	2550	59.85
NV Nevada	21	0.49	2571	60.34
NY New York	282	6.62	2853	66.96
OH Ohio	190	4.46	3043	71.42
OK Oklahoma	58	1.36	3101	72.78
OR Oregon	59	1.38	3160	74.16
PA Pennsylvania	228	5.35	3388	79.51
PR Puerto Rico	76	1.78	3464	81.30
PW Palau	1	0.02	3465	81.32
RI Rhode Island	13	0.31	3478	81.62
SC South Carolina	72	1.69	3550	83.31
SD South Dakota	22	0.52	3572	83.83
TN Tennessee	92	2.16	3664	85.99
TX Texas	222	5.21	3886	91.20
UT Utah	32	0.75	3918	91.95
VA Virginia	112	2.63	4030	94.58

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2012

State Abbreviation Code

STABBR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
VI Virgin Islands	1	0.02	4031	94.60
VT Vermont	21	0.49	4052	95.10
WA Washington	82	1.92	4134	97.02
WI Wisconsin	83	1.95	4217	98.97
WV West Virginia	33	0.77	4250	99.74
WY Wyoming	11	0.26	4261	100.00

Status of the Institution

ACT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Active - Institution active and not an add	4186	98.24	4186	98.24
N New - Added during the current year	64	1.50	4250	99.74
R Restore - restored to the current universe	11	0.26	4261	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	253	5.94	258	6.05
2 Mid East - DE DC MD NJ NY PA	657	15.42	915	21.47
3 Great Lakes - IL IN MI OH WI	640	15.02	1555	36.49
4 Plains - IA KS MN MO NE ND SD	426	10.00	1981	46.49
5 Southeast - AL AR FL GA KY LA MS NC SC TN VA WV	1059	24.85	3040	71.34
6 Southwest - AZ NM OK TX	392	9.20	3432	80.54
7 Rocky Mountains - CO ID MT UT WY	152	3.57	3584	84.11
8 Far West - AK CA HI NV OR WA	592	13.89	4176	98.01
9 Outlying Areas - AS FM GU MH MP PR PW VI	85	1.99	4261	100.00

OPE Eligibility Indicator

OPEFLAG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Institution participates in Title IV federal financial aid programs	4241	99.53	4241	99.53
2 Branch campus of a main campus that participates in Title IV	16	0.38	4257	99.91
5 Not currently participating in Title IV, has an OPE ID number	4	0.09	4261	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2012

Sector of Institution

SECTOR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Public, 4-year or above	696	16.33	696	16.33
2 Private nonprofit, 4-year and above	1513	35.51	2209	51.84
3 Private for profit, 4-year and above	657	15.42	2866	67.26
4 Public, 2-year	949	22.27	3815	89.53
5 Private nonprofit, 2-year	76	1.78	3891	91.32
6 Private for profit, 2-year	370	8.68	4261	100.00

Level of Institution

ICLEVEL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Four or more years (Baccalaureate or higher degree)	2866	67.26	2866	67.26
2 At least 2 but less than 4 years (below the Baccalaureate)	1395	32.74	4261	100.00

Control of Institution

CONTROL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Public	1645	38.61	1645	38.61
2 Private, nonprofit	1589	37.29	3234	75.90
3 Private, for profit	1027	24.10	4261	100.00

Highest Level of Education Offering

HLOFFER	Frequency	Percent	Cumulative Frequency	Cumulative Percent
3 Associate degree	1112	26.10	1112	26.10
4 Postsecondary award, certificate or diploma of at least two but less than four years	283	6.64	1395	32.74
5 Bachelor's degree	857	20.11	2252	52.85
6 Post baccalaureate certificate	33	0.77	2285	53.63
7 Master's degree	840	19.71	3125	73.34
8 Post master's certificate	178	4.18	3303	77.52
9 Doctoral degree	958	22.48	4261	100.00

Undergraduate Offering

UGOFFER	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Undergraduate degree or certificate offered	3987	93.57	3987	93.57
2 No undergraduate offering	274	6.43	4261	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2012

Graduate Offering

GROFFER	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Graduate degree or certificate offered	2009	47.15	2009	47.15
2 No graduate offering	2252	52.85	4261	100.00

Highest Degree Offered

HDEGOFR1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
11 Doctor's degree - research/scholarship and professional practice	375	8.80	375	8.80
12 Doctor's degree -research/scholarship	269	6.31	644	15.11
13 Doctor's degree - professional practice	244	5.73	888	20.84
14 Doctor's degree - other	70	1.64	958	22.48
20 Master's degree	1017	23.87	1975	46.35
30 Bachelors	888	20.84	2863	67.19
40 Associates	1398	32.81	4261	100.00

Degree Granting Status

DEGGRANT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	4261	100.00	4261	100.00

Historically Black College or University

HBCU	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-3 Not available	65	1.53	65	1.53
1 Yes	99	2.32	164	3.85
2 No	4097	96.15	4261	100.00

Institution has Hospital

HOSPITAL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-3 Not available	88	2.07	88	2.07
-2 Not applicable	74	1.74	162	3.80
1 Yes	83	1.95	245	5.75
2 No	4016	94.25	4261	100.00

Institution Grants a Medical Degree

MEDICAL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-2 Not applicable	8	0.19	8	0.19
1 Yes	173	4.06	181	4.25
2 No	4080	95.75	4261	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2012

Tribal College

TRIBAL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-3 Not available	65	1.53	65	1.53
1 Yes	30	0.70	95	2.23
2 No	4166	97.77	4261	100.00

Carnegie Classification Code

CARNEGIE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-3 Not available	913	21.43	913	21.43
15 Doctoral/Research Universities - Extensive	151	3.54	1064	24.97
16 Doctoral/Research Universities - Intensive	107	2.51	1171	27.48
21 Master's Colleges and Universities I	486	11.41	1657	38.89
22 Master's (comprehensive) Colleges and Universities II	109	2.56	1766	41.45
31 Baccalaureate Colleges - Liberal Arts	217	5.09	1983	46.54
32 Baccalaureate Colleges - General	307	7.20	2290	53.74
33 Baccalaureate/Associate's Colleges	52	1.22	2342	54.96
40 Associate's Colleges	1318	30.93	3660	85.90
51 Theological seminaries and Other Specialized Faith-Related Institutions	220	5.16	3880	91.06
52 Medical Schools and Medical Centers	45	1.06	3925	92.11
53 Other Separate Health Profession Schools	78	1.83	4003	93.95
54 Schools of Engineering and Technology	49	1.15	4052	95.10
55 Schools of Business and Management	32	0.75	4084	95.85
56 Schools of Art, Music, and Design	75	1.76	4159	97.61
57 Schools of Law	20	0.47	4179	98.08
58 Teachers Colleges	4	0.09	4183	98.17
59 Other Specialized Institutions	49	1.15	4232	99.32
60 Tribal Colleges and Universities	29	0.68	4261	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2012

Carnegie Classification 2005: Basic Code

CCBASIC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-3 Not Applicable, not in Carnegie universe	189	4.44	189	4.44
1 Associate's - Public Rural - serving Small	110	2.58	299	7.02
2 Associate's - Public Rural - serving Medium	291	6.83	590	13.85
3 Associate's - Public Rural - serving Large	133	3.12	723	16.97
4 Associate's - Public Suburban - serving Single campus	108	2.53	831	19.50
5 Associate's - Public Suburban - serving Multi-campus	99	2.32	930	21.83
6 Associate's - Public Urban - serving Single campus	32	0.75	962	22.58
7 Associate's - Public Urban- serving Multi-campus	128	3.00	1090	25.58
8 Associate's - Public Special Use	10	0.23	1100	25.82
9 Associate's - Private Not-for-profit	68	1.60	1168	27.41
10 Associate's - Private For-profit	377	8.85	1545	36.26
11 Associate's - Public 2-year Colleges Under 4-year Universities	46	1.08	1591	37.34
12 Associate's - Public 4-year Primarily Associate's	41	0.96	1632	38.30
13 Associate's - Private Not-for-profit 4-year primarily Associate's	14	0.33	1646	38.63
14 Associate's - Private For-profit 4-year primarily Associate's	84	1.97	1730	40.60
15 Research Universities (very high research activity)	107	2.51	1837	43.11
16 Research Universities (high research activity)	99	2.32	1936	45.44
17 Doctoral/Research Universities, Master's Colleges and Universities	89	2.09	2025	47.52
18 Master's Colleges and Universities (larger programs)	406	9.53	2431	57.05
19 Master's Colleges and Universities (medium programs)	182	4.27	2613	61.32
20 Master's Colleges and Universities (smaller programs)	124	2.91	2737	64.23
21 Baccalaureate Colleges-Arts and Sciences	256	6.01	2993	70.24
22 Baccalaureate Colleges-Diverse Fields	378	8.87	3371	79.11
23 Baccalaureate/Associate's Colleges	137	3.22	3508	82.33
24 Theological Seminaries, Bible Colleges and Other Faith-Related Institutions	242	5.68	3750	88.01
25 Medical Schools and Medical centers	52	1.22	3802	89.23
26 Other Separate Health Profession Schools	140	3.29	3942	92.51
27 Schools of Engineering	6	0.14	3948	92.65
28 Other Technology-Related Schools	47	1.10	3995	93.76
29 Schools of Business and management	69	1.62	4064	95.38
30 Schools of Art, Music, and Design	121	2.84	4185	98.22
31 Schools of Law	34	0.80	4219	99.01
32 Other special-focus institutions	12	0.28	4231	99.30
33 Tribal Colleges	30	0.70	4261	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2012

Locale Codes - Degree of Urbanization

LOCALE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-3 Not available	3	0.07	3	0.07
11 City: Large	970	22.76	973	22.84
12 City: Midsize	472	11.08	1445	33.91
13 City: Small	525	12.32	1970	46.23
21 Suburb: Large	864	20.28	2834	66.51
22 Suburb: Midsize	99	2.32	2933	68.83
23 Suburb: Small	64	1.50	2997	70.34
31 Town: Fringe	37	0.87	3034	71.20
32 Town: Distant	304	7.13	3338	78.34
33 Town: Remote	250	5.87	3588	84.21
41 Rural: Fringe	514	12.06	4102	96.27
42 Rural: Distant	105	2.46	4207	98.73
43 Rural: Remote	54	1.27	4261	100.00

Institution Open to the General Public

OPENPUBL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	4261	100.00	4261	100.00

Data Source Code - the Media Source Used for Returning Data

DATSRC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Internet/Web	3674	86.22	3674	86.22
N Not returned	587	13.78	4261	100.00

Response Status Code

STATUS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Respondent	3659	85.87	3659	85.87
3 Nonrespondent to data and screening questions, not imputed	21	0.49	3680	86.36
4 Nonrespondent, imputed	581	13.64	4261	100.00

Release Status Given to NCES

EDITST	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Record edited with no edit or critical flags	216	5.07	216	5.07
2 Record edited with critical edit flags, analyst accept	3141	73.72	3357	78.78
N Not edited	904	21.22	4261	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2012

Impute Indicator

IMPUTE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Not imputed	2530	59.38	2530	59.38
1 At least one part is imputed	1731	40.62	4261	100.00

Imputation Flag for Item 100

PARTAFLAG1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Nothing imputed for this part/total respondent for this part	3544	83.17	3544	83.17
1 Total non-respondent for this part	717	16.83	4261	100.00

Imputation Flag for Items 200-205, Both Columns

PARTBFLAG1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Nothing imputed for this part/total respondent for this part	3359	78.83	3359	78.83
1 Total non-respondent for this part	600	14.08	3959	92.91
2 Partial non-respondent for this part	302	7.09	4261	100.00

Imputation Flag for Fringe Benefits, Items 206 and 207

PARTBFLAG2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Nothing imputed for this part/total respondent for this part	4228	99.23	4228	99.23
1 Total non-respondent for this part	33	0.77	4261	100.00

Imputation Flag for the Outer Column of Items 300, 303, and 305-311

PARTCFLAG1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Nothing imputed for this part/total respondent for this part	3328	78.10	3328	78.10
1 Total non-respondent for this part	660	15.49	3988	93.59
2 Partial non-respondent for this part	273	6.41	4261	100.00

Imputation Flag for the Inner Column of Items 301, 302, and 304

PARTCFLAG2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Nothing imputed for this part/total respondent for this part	3079	72.26	3079	72.26
1 Total non-respondent for this part	743	17.44	3822	89.70
2 Partial non-respondent for this part	439	10.30	4261	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2012

Imputation Flag for Columns 1 and 2 of Items 400 and 402-403

PARTDFLAG1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Nothing imputed for this part/total respondent for this part	3307	77.61	3307	77.61
1 Total non-respondent for this part	645	15.14	3954	92.80
2 Partial non-respondent for this part	309	7.25	4261	100.00

Imputation Flag for Columns 1 and 2 of Item 401

PARTDFLAG2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Nothing imputed for this part/total respondent for this part	3461	81.23	3461	81.23
1 Total non-respondent for this part	721	16.92	4182	98.15
2 Partial non-respondent for this part	79	1.85	4261	100.00

Imputation Flag for Items 500-506

PARTEFLAG1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Nothing imputed for this part/total respondent for this part	3526	82.75	3526	82.75
1 Total non-respondent for this part	680	15.96	4206	98.71
2 Partial non-respondent for this part	55	1.29	4261	100.00

Imputation Flag for Items 507, 508 and 511

PARTEFLAG2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Nothing imputed for this part/total respondent for this part	3329	78.13	3329	78.13
1 Total non-respondent for this part	650	15.25	3979	93.38
2 Partial non-respondent for this part	282	6.62	4261	100.00

Imputation Flag for Items 509 and 510

PARTEFLAG3	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Nothing imputed for this part/total respondent for this part	3554	83.41	3554	83.41
1 Total non-respondent for this part	678	15.91	4232	99.32
2 Partial non-respondent for this part	29	0.68	4261	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2012

Imputation Flag for Items 600-602

PARTFFLAG1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Nothing imputed for this part/total respondent for this part	3449	80.94	3449	80.94
1 Total non-respondent for this part	656	15.40	4105	96.34
2 Partial non-respondent for this part	156	3.66	4261	100.00

Flag to Indicate Full-Time Enrollment is Estimated by the Census Bureau

FTEFLAG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Not estimated	4180	98.10	4180	98.10
1 Estimated	1	0.02	4181	98.12
3 Combined with children FTE	80	1.88	4261	100.00

Institution has a Total Library Expenditures Exceeding \$10,000

ELGEXP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	3357	78.78	3357	78.78
N No response	904	21.22	4261	100.00

Institution has an Organized Collection of Printed or Other Materials or a Combination

ELGCOLL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	3357	78.78	3357	78.78
N No response	904	21.22	4261	100.00

Institution has a Staff Trained to Provide and Interpret Such Materials as Required to Meet the Informational, Cultural, Recreational, or Educational Needs of Clientele

ELGSTAFF	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	3357	78.78	3357	78.78
N No response	904	21.22	4261	100.00

Institution has an Established Schedule in Which Services of the Staff are Available to Clientele

ELGSCHED	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	3357	78.78	3357	78.78
N No response	904	21.22	4261	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2012

Institution has the Physical Facilities Necessary to Support Such a Collection, Staff, and Schedule

ELGPHYS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	3357	78.78	3357	78.78
N No response	904	21.22	4261	100.00

Current Year Parent/Child Indicator

CYPARCH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Parent	80	1.88	80	1.88
2 Child	380	8.92	460	10.80
N No response	3801	89.20	4261	100.00

Statusflag - BRANCHES

XBRANCHES	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	12	0.28	12	0.28
C Analyst corrected a cell that was blank	330	7.74	342	8.03
I Imputation for a cell that was a nonresponse, using a method other than prior year	249	5.84	591	13.87
N Original data field was blank	410	9.62	1001	23.49
P Imputation for a cell that previously was a nonresponse, using prior year data	468	10.98	1469	34.48
R Original data value was reported	2792	65.52	4261	100.00

Statusflag - STLIBS

XSTLIBS	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	4	0.09	20	0.47
I Imputation for a cell that was a nonresponse, using a method other than prior year	263	6.17	283	6.64
N Original data field was blank	402	9.43	685	16.08
P Imputation for a cell that previously was a nonresponse, using prior year data	358	8.40	1043	24.48
R Original data value was reported	3206	75.24	4249	99.72
Z Implied reported zero value	12	0.28	4261	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2012

Statusflag - STOTHPRO

XSTOTHPRO	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	14	0.33	30	0.70
I Imputation for a cell that was a nonresponse, using a method other than prior year	261	6.13	291	6.83
N Original data field was blank	402	9.43	693	16.26
P Imputation for a cell that previously was a nonresponse, using prior year data	360	8.45	1053	24.71
R Original data value was reported	2897	67.99	3950	92.70
Z Implied reported zero value	311	7.30	4261	100.00

Statusflag - STLIBPRO

XSTLIBPRO	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	24	0.56	24	0.56
C Analyst corrected a cell that was blank	5	0.12	29	0.68
N Original data field was blank	402	9.43	431	10.11
R Original data value was reported	3212	75.38	3643	85.50
T Total replaced with sum of detail during imputations	616	14.46	4259	99.95
Z Implied reported zero value	2	0.05	4261	100.00

Statusflag - STOTH

XSTOTH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	28	0.66	28	0.66
C Analyst corrected a cell that was blank	20	0.47	48	1.13
I Imputation for a cell that was a nonresponse, using a method other than prior year	259	6.08	307	7.20
N Original data field was blank	403	9.46	710	16.66
P Imputation for a cell that previously was a nonresponse, using prior year data	360	8.45	1070	25.11
R Original data value was reported	3057	71.74	4127	96.86
Z Implied reported zero value	134	3.14	4261	100.00

Statusflag - STASST

XSTASST	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	278	6.52	278	6.52
C Analyst corrected a cell that was blank	26	0.61	304	7.13
I Imputation for a cell that was a nonresponse, using a method other than prior year	290	6.81	594	13.94
N Original data field was blank	411	9.65	1005	23.59
P Imputation for a cell that previously was a nonresponse, using prior year data	357	8.38	1362	31.96
R Original data value was reported	2786	65.38	4148	97.35
Z Implied reported zero value	113	2.65	4261	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2012

Statusflag - STTOT

XSTTOT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	302	7.09	302	7.09
C Analyst corrected a cell that was blank	8	0.19	310	7.28
N Original data field was blank	411	9.65	721	16.92
R Original data value was reported	2891	67.85	3612	84.77
T Total replaced with sum of detail during imputations	649	15.23	4261	100.00

Statusflag - SWLIBPRO

XSWLIBPRO	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	10	0.23	10	0.23
C Analyst corrected a cell that was blank	2	0.05	12	0.28
H Data suppressed	1430	33.56	1442	33.84
I Imputation for a cell that was a nonresponse, using a method other than prior year	133	3.12	1575	36.96
N Original data field was blank	409	9.60	1984	46.56
P Imputation for a cell that previously was a nonresponse, using prior year data	126	2.96	2110	49.52
R Original data value was reported	2151	50.48	4261	100.00

Statusflag - SWOTH

XSWOTH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	9	0.21	9	0.21
C Analyst corrected a cell that was blank	2	0.05	11	0.26
H Data suppressed	1982	46.51	1993	46.77
I Imputation for a cell that was a nonresponse, using a method other than prior year	81	1.90	2074	48.67
N Original data field was blank	402	9.43	2476	58.11
P Imputation for a cell that previously was a nonresponse, using prior year data	69	1.62	2545	59.73
R Original data value was reported	1716	40.27	4261	100.00

Statusflag - SWASST

XSWASST	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	5	0.12	13	0.31
H Data suppressed	2117	49.68	2130	49.99
I Imputation for a cell that was a nonresponse, using a method other than prior year	136	3.19	2266	53.18
N Original data field was blank	408	9.58	2674	62.76
P Imputation for a cell that previously was a nonresponse, using prior year data	100	2.35	2774	65.10
R Original data value was reported	1487	34.90	4261	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2012

Statusflag - SWTOT

XSWTOT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	22	0.52	22	0.52
C Analyst corrected a cell that was blank	7	0.16	29	0.68
H Data suppressed	1514	35.53	1543	36.21
N Original data field was blank	409	9.60	1952	45.81
R Original data value was reported	1908	44.78	3860	90.59
T Total replaced with sum of detail during imputations	401	9.41	4261	100.00

Statusflag - FRINGEYN

XFRINGEYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	12	0.28	12	0.28
C Analyst corrected a cell that was blank	640	15.02	652	15.30
N Original data field was blank	380	8.92	1032	24.22
R Original data value was reported	3229	75.78	4261	100.00

Are Employee Fringe Benefits Paid From the Library Budget

FRINGEYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	1510	35.44	1510	35.44
2 No	2371	55.64	3881	91.08
N nonresponse	380	8.92	4261	100.00

Statusflag - FRINGE

XFRINGE	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	4	0.09	5	0.12
H Data suppressed	2631	61.75	2636	61.86
I Imputation for a cell that was a nonresponse, using a method other than prior year	3	0.07	2639	61.93
N Original data field was blank	380	8.92	3019	70.85
R Original data value was reported	653	15.33	3672	86.18
S Not applicable, not imputed	589	13.82	4261	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2012

Statusflag - EXBKS

XEXBKS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	35	0.82	35	0.82
C Analyst corrected a cell that was blank	12	0.28	47	1.10
I Imputation for a cell that was a nonresponse, using a method other than prior year	337	7.91	384	9.01
N Original data field was blank	410	9.62	794	18.63
P Imputation for a cell that previously was a nonresponse, using prior year data	381	8.94	1175	27.58
R Original data value was reported	3084	72.38	4259	99.95
Z Implied reported zero value	2	0.05	4261	100.00

Statusflag - EXELBKS

XEXELBKS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	9	0.21	9	0.21
C Analyst corrected a cell that was blank	12	0.28	21	0.49
I Imputation for a cell that was a nonresponse, using a method other than prior year	566	13.28	587	13.78
N Original data field was blank	420	9.86	1007	23.63
P Imputation for a cell that previously was a nonresponse, using prior year data	429	10.07	1436	33.70
R Original data value was reported	2812	65.99	4248	99.69
Z Implied reported zero value	13	0.31	4261	100.00

Statusflag - EXAUD

XEXAUD	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	12	0.28	12	0.28
C Analyst corrected a cell that was blank	17	0.40	29	0.68
I Imputation for a cell that was a nonresponse, using a method other than prior year	501	11.76	530	12.44
N Original data field was blank	414	9.72	944	22.15
P Imputation for a cell that previously was a nonresponse, using prior year data	383	8.99	1327	31.14
R Original data value was reported	2867	67.28	4194	98.43
Z Implied reported zero value	67	1.57	4261	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2012

Statusflag - EXCUSER

XEXCUSER	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	28	0.66	28	0.66
C Analyst corrected a cell that was blank	6	0.14	34	0.80
I Imputation for a cell that was a nonresponse, using a method other than prior year	331	7.77	365	8.57
N Original data field was blank	412	9.67	777	18.24
P Imputation for a cell that previously was a nonresponse, using prior year data	386	9.06	1163	27.29
R Original data value was reported	3075	72.17	4238	99.46
Z Implied reported zero value	23	0.54	4261	100.00

Statusflag - EXELSER

XEXELSER	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	15	0.35	15	0.35
C Analyst corrected a cell that was blank	13	0.31	28	0.66
I Imputation for a cell that was a nonresponse, using a method other than prior year	510	11.97	538	12.63
N Original data field was blank	415	9.74	953	22.37
P Imputation for a cell that previously was a nonresponse, using prior year data	414	9.72	1367	32.08
R Original data value was reported	2869	67.33	4236	99.41
Z Implied reported zero value	25	0.59	4261	100.00

Statusflag - EXDEL

XEXDEL	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	13	0.31	16	0.38
I Imputation for a cell that was a nonresponse, using a method other than prior year	337	7.91	353	8.28
N Original data field was blank	411	9.65	764	17.93
P Imputation for a cell that previously was a nonresponse, using prior year data	383	8.99	1147	26.92
R Original data value was reported	2970	69.70	4117	96.62
Z Implied reported zero value	144	3.38	4261	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2012

Statusflag - EXPRES

XEXPRES	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	16	0.38	18	0.42
I Imputation for a cell that was a nonresponse, using a method other than prior year	338	7.93	356	8.35
N Original data field was blank	410	9.62	766	17.98
P Imputation for a cell that previously was a nonresponse, using prior year data	385	9.04	1151	27.01
R Original data value was reported	2931	68.79	4082	95.80
Z Implied reported zero value	179	4.20	4261	100.00

Statusflag - EXOTHIR

XEXOTHIR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	4	0.09	4	0.09
C Analyst corrected a cell that was blank	17	0.40	21	0.49
I Imputation for a cell that was a nonresponse, using a method other than prior year	343	8.05	364	8.54
N Original data field was blank	412	9.67	776	18.21
P Imputation for a cell that previously was a nonresponse, using prior year data	392	9.20	1168	27.41
R Original data value was reported	2715	63.72	3883	91.13
Z Implied reported zero value	378	8.87	4261	100.00

Statusflag - EXCOMP

XEXCOMP	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	16	0.38	22	0.52
I Imputation for a cell that was a nonresponse, using a method other than prior year	353	8.28	375	8.80
N Original data field was blank	411	9.65	786	18.45
P Imputation for a cell that previously was a nonresponse, using prior year data	385	9.04	1171	27.48
R Original data value was reported	2947	69.16	4118	96.64
Z Implied reported zero value	143	3.36	4261	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2012

Statusflag - EXBIB

XEXBIB	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	7	0.16	7	0.16
C Analyst corrected a cell that was blank	12	0.28	19	0.45
I Imputation for a cell that was a nonresponse, using a method other than prior year	340	7.98	359	8.43
N Original data field was blank	410	9.62	769	18.05
P Imputation for a cell that previously was a nonresponse, using prior year data	392	9.20	1161	27.25
R Original data value was reported	2981	69.96	4142	97.21
Z Implied reported zero value	119	2.79	4261	100.00

Statusflag - EXOTH

XEXOTH	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	0.21	12	0.28
H Data suppressed	1514	35.53	1526	35.81
I Imputation for a cell that was a nonresponse, using a method other than prior year	129	3.03	1655	38.84
N Original data field was blank	408	9.58	2063	48.42
P Imputation for a cell that previously was a nonresponse, using prior year data	220	5.16	2283	53.58
R Original data value was reported	1857	43.58	4140	97.16
Z Implied reported zero value	121	2.84	4261	100.00

Statusflag EXTOT

XEXTOT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	122	2.86	122	2.86
C Analyst corrected a cell that was blank	14	0.33	136	3.19
I Imputation for a cell that was a nonresponse, using a method other than prior year	1	0.02	137	3.22
N Original data field was blank	418	9.81	555	13.03
R Original data value was reported	2787	65.41	3342	78.43
T Total replaced with sum of detail during imputations	919	21.57	4261	100.00

Statusflag - COLELYN

XCOLELYN	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	9	0.21	22	0.52
N Original data field was blank	1013	23.77	1035	24.29
R Original data value was reported	3226	75.71	4261	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2012

Library Collection is Entirely Electronic

COLELYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	19	0.45	19	0.45
2 No	3229	75.78	3248	76.23
N nonresponse	1013	23.77	4261	100.00

Statusflag - COLBKSA

XCOLBKSA	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	10	0.23	23	0.54
I Imputation for a cell that was a nonresponse, using a method other than prior year	713	16.73	736	17.27
N Original data field was blank	409	9.60	1145	26.87
R Original data value was reported	3115	73.10	4260	99.98
Z Implied reported zero value	1	0.02	4261	100.00

Statusflag - COLEBKSA

XCOLEBKSA	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	8	0.19	14	0.33
I Imputation for a cell that was a nonresponse, using a method other than prior year	799	18.75	813	19.08
N Original data field was blank	412	9.67	1225	28.75
R Original data value was reported	2989	70.15	4214	98.90
Z Implied reported zero value	47	1.10	4261	100.00

Statusflag 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	13	0.31	18	0.42
I Imputation for a cell that was a nonresponse, using a method other than prior year	838	19.67	856	20.09
N Original data field was blank	415	9.74	1271	29.83
R Original data value was reported	2969	69.68	4240	99.51
Z Implied reported zero value	21	0.49	4261	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2012

Statusflag - COLAUDA

XCOLAUDA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	14	0.33	14	0.33
C Analyst corrected a cell that was blank	10	0.23	24	0.56
I Imputation for a cell that was a nonresponse, using a method other than prior year	747	17.53	771	18.09
N Original data field was blank	408	9.58	1179	27.67
R Original data value was reported	3046	71.49	4225	99.16
Z Implied reported zero value	36	0.84	4261	100.00

Statusflag - COLBKSH

XCOLBKSH	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	11	0.26	22	0.52
I Imputation for a cell that was a nonresponse, using a method other than prior year	307	7.20	329	7.72
N Original data field was blank	410	9.62	739	17.34
P Imputation for a cell that previously was a nonresponse, using prior year data	365	8.57	1104	25.91
R Original data value was reported	3157	74.09	4261	100.00

Statusflag - 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	8	0.19	19	0.45
I Imputation for a cell that was a nonresponse, using a method other than prior year	396	9.29	415	9.74
N Original data field was blank	414	9.72	829	19.46
P Imputation for a cell that previously was a nonresponse, using prior year data	403	9.46	1232	28.91
R Original data value was reported	3029	71.09	4261	100.00

Statusflag - COLMICRH

XCOLMICRH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	7	0.16	7	0.16
C Analyst corrected a cell that was blank	12	0.28	19	0.45
I Imputation for a cell that was a nonresponse, using a method other than prior year	395	9.27	414	9.72
N Original data field was blank	414	9.72	828	19.43
P Imputation for a cell that previously was a nonresponse, using prior year data	431	10.11	1259	29.55
R Original data value was reported	3002	70.45	4261	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2012

Statusflag - COLAUDH

XCOLAUDH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	10	0.23	10	0.23
C Analyst corrected a cell that was blank	7	0.16	17	0.40
I Imputation for a cell that was a nonresponse, using a method other than prior year	347	8.14	364	8.54
N Original data field was blank	411	9.65	775	18.19
P Imputation for a cell that previously was a nonresponse, using prior year data	383	8.99	1158	27.18
R Original data value was reported	3103	72.82	4261	100.00

Statusflag - ILPRET

XILPRET	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	1	0.02	3	0.07
I Imputation for a cell that was a nonresponse, using a method other than prior year	357	8.38	360	8.45
N Original data field was blank	408	9.58	768	18.02
P Imputation for a cell that previously was a nonresponse, using prior year data	367	8.61	1135	26.64
R Original data value was reported	3111	73.01	4246	99.65
Z Implied reported zero value	15	0.35	4261	100.00

Statusflag - 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	2	0.05	3	0.07
I Imputation for a cell that was a nonresponse, using a method other than prior year	357	8.38	360	8.45
N Original data field was blank	408	9.58	768	18.02
P Imputation for a cell that previously was a nonresponse, using prior year data	365	8.57	1133	26.59
R Original data value was reported	2993	70.24	4126	96.83
Z Implied reported zero value	135	3.17	4261	100.00

Statusflag - ILPTOT

XILPTOT	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	1	0.02	4	0.09
I Imputation for a cell that was a nonresponse, using a method other than prior year	1	0.02	5	0.12
N Original data field was blank	408	9.58	413	9.69
R Original data value was reported	3151	73.95	3564	83.64
T Total replaced with sum of detail during imputations	697	16.36	4261	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2012

Statusflag - ILRRET

XILRRET	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	2	0.05	5	0.12
I Imputation for a cell that was a nonresponse, using a method other than prior year	350	8.21	355	8.33
N Original data field was blank	409	9.60	764	17.93
P Imputation for a cell that previously was a nonresponse, using prior year data	363	8.52	1127	26.45
R Original data value was reported	3124	73.32	4251	99.77
Z Implied reported zero value	10	0.23	4261	100.00

Statusflag - ILRNON

XILRNON	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	2	0.05	4	0.09
I Imputation for a cell that was a nonresponse, using a method other than prior year	350	8.21	354	8.31
N Original data field was blank	409	9.60	763	17.91
P Imputation for a cell that previously was a nonresponse, using prior year data	364	8.54	1127	26.45
R Original data value was reported	2997	70.34	4124	96.78
Z Implied reported zero value	137	3.22	4261	100.00

Statusflag - 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	2	0.05	3	0.07
I Imputation for a cell that was a nonresponse, using a method other than prior year	346	8.12	349	8.19
N Original data field was blank	409	9.60	758	17.79
P Imputation for a cell that previously was a nonresponse, using prior year data	365	8.57	1123	26.36
R Original data value was reported	2788	65.43	3911	91.79
Z Implied reported zero value	350	8.21	4261	100.00

Statusflag - ILRTOT

XILRTOT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	4	0.09	4	0.09
C Analyst corrected a cell that was blank	2	0.05	6	0.14
N Original data field was blank	409	9.60	415	9.74
R Original data value was reported	3155	74.04	3570	83.78
T Total replaced with sum of detail during imputations	691	16.22	4261	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2012

Statusflag - CRGEN

XCRGEN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	7	0.16	7	0.16
C Analyst corrected a cell that was blank	2	0.05	9	0.21
I Imputation for a cell that was a nonresponse, using a method other than prior year	312	7.32	321	7.53
N Original data field was blank	406	9.53	727	17.06
P Imputation for a cell that previously was a nonresponse, using prior year data	390	9.15	1117	26.21
R Original data value was reported	3144	73.79	4261	100.00

Statusflag - CRRSV

XCRRSV	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	3	0.07	4	0.09
I Imputation for a cell that was a nonresponse, using a method other than prior year	392	9.20	396	9.29
N Original data field was blank	406	9.53	802	18.82
P Imputation for a cell that previously was a nonresponse, using prior year data	421	9.88	1223	28.70
R Original data value was reported	3038	71.30	4261	100.00

Statusflag - PRESEN

XPRESEN	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	2	0.05	5	0.12
I Imputation for a cell that was a nonresponse, using a method other than prior year	306	7.18	311	7.30
N Original data field was blank	406	9.53	717	16.83
P Imputation for a cell that previously was a nonresponse, using prior year data	376	8.82	1093	25.65
R Original data value was reported	3168	74.35	4261	100.00

Statusflag - ATTEND

XATTEND	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	4	0.09	4	0.09
C Analyst corrected a cell that was blank	2	0.05	6	0.14
I Imputation for a cell that was a nonresponse, using a method other than prior year	314	7.37	320	7.51
N Original data field was blank	408	9.58	728	17.09
P Imputation for a cell that previously was a nonresponse, using prior year data	389	9.13	1117	26.21
R Original data value was reported	3144	73.79	4261	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2012

Statusflag - TOTSERIN

XTOTSERIN	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	4	0.09	12	0.28
I Imputation for a cell that was a nonresponse, using a method other than prior year	334	7.84	346	8.12
N Original data field was blank	406	9.53	752	17.65
P Imputation for a cell that previously was a nonresponse, using prior year data	459	10.77	1211	28.42
R Original data value was reported	3050	71.58	4261	100.00

Statusflag - HOURS

XHOURS	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	1	0.02	6	0.14
I Imputation for a cell that was a nonresponse, using a method other than prior year	299	7.02	305	7.16
N Original data field was blank	404	9.48	709	16.64
P Imputation for a cell that previously was a nonresponse, using prior year data	360	8.45	1069	25.09
R Original data value was reported	3192	74.91	4261	100.00

Statusflag - GATECT

XGATECT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	4	0.09	4	0.09
C Analyst corrected a cell that was blank	1	0.02	5	0.12
I Imputation for a cell that was a nonresponse, using a method other than prior year	371	8.71	376	8.82
N Original data field was blank	409	9.60	785	18.42
P Imputation for a cell that previously was a nonresponse, using prior year data	420	9.86	1205	28.28
R Original data value was reported	3037	71.27	4242	99.55
S Not applicable, not imputed	19	0.45	4261	100.00

Statusflag - DOCDIGYN

XDOCDIGYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
C Analyst corrected a cell that was blank	2	0.05	2	0.05
N Original data field was blank	1058	24.83	1060	24.88
R Original data value was reported	3201	75.12	4261	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2012

Documents Digitized by the Library Staff

DOCDIGYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	1653	38.79	1653	38.79
2 No	1550	36.38	3203	75.17
N No response	1058	24.83	4261	100.00

Statusflag - LIBREFYN

XLIBREFYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
C Analyst corrected a cell that was blank	2	0.05	2	0.05
N Original data field was blank	1057	24.81	1059	24.85
R Original data value was reported	3202	75.15	4261	100.00

Library Reference Acrvice by E-mail or the Web

LIBREFYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	2968	69.66	2968	69.66
2 No	236	5.54	3204	75.19
N No response	1057	24.81	4261	100.00

Statusflag - TECHYN

XTECHYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
C Analyst corrected a cell that was blank	2	0.05	2	0.05
N Original data field was blank	1060	24.88	1062	24.92
R Original data value was reported	3199	75.08	4261	100.00

Technology to Assist Patrons with Disabilities (e.g., TDD, Specially Equipped Work Stations)

TECHYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	2135	50.11	2135	50.11
2 No	1066	25.02	3201	75.12
N No response	1060	24.88	4261	100.00

Statusflag - THESYN

XTHESYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
C Analyst corrected a cell that was blank	3	0.07	3	0.07
N Original data field was blank	1058	24.83	1061	24.90
R Original data value was reported	3200	75.10	4261	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2012

Electronic Theses and Dissertations Produced by Your Students

THESYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	763	17.91	763	17.91
2 No	2440	57.26	3203	75.17
N No response	1058	24.83	4261	100.00

Statusflag - STLEARN

XSTLEARNYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
C Analyst corrected a cell that was blank	4	0.09	4	0.09
N Original data field was blank	1063	24.95	1067	25.04
R Original data value was reported	3194	74.96	4261	100.00

Articulated student learning/student success outcomes

STLEARNYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	2745	64.42	2745	64.42
2 No	453	10.63	3198	75.05
N No response	1063	24.95	4261	100.00

Statusflag - INFLITOUT

XINFLITOUTYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
C Analyst corrected a cell that was blank	3	0.07	3	0.07
N Original data field was blank	1064	24.97	1067	25.04
R Original data value was reported	2741	64.33	3808	89.37
S Not applicable, not imputed	453	10.63	4261	100.00

Incorporated information literacy in the institution's student learning outcomes

INFLITOUTYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	2122	49.80	2122	49.80
2 No	622	14.60	2744	64.40
N No response	1064	24.97	3808	89.37
S Not applicable	453	10.63	4261	100.00

Statusflag - SUPPVIRTYN

XSUPPVIRTYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
C Analyst corrected a cell that was blank	2	0.05	2	0.05
N Original data field was blank	1058	24.83	1060	24.88
R Original data value was reported	3201	75.12	4261	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2012

Library Supports Virtual Reference Services

SUPPVIRTYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	2867	67.28	2867	67.28
2 No	336	7.89	3203	75.17
N No response	1058	24.83	4261	100.00

Statusflag - EMAILREFYN

XEMAILREFYN	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	2	0.05	3	0.07
N Original data field was blank	1058	24.83	1061	24.90
R Original data value was reported	2864	67.21	3925	92.11
S Not applicable, not imputed	336	7.89	4261	100.00

Library Utilizes E-mail Reference

EMAILREFYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	2803	65.78	2803	65.78
2 No	64	1.50	2867	67.28
N No response	1058	24.83	3925	92.11
S Not applicable	336	7.89	4261	100.00

Statusflag - COMSERYN

XCOMSERYN	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	3	0.07	6	0.14
N Original data field was blank	1059	24.85	1065	24.99
R Original data value was reported	2860	67.12	3925	92.11
S Not applicable, not imputed	336	7.89	4261	100.00

Library Utilizes Chat Reference, Commercial Service (e.g., QuestionPoint, Tutor.com)

COMSERYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	1018	23.89	1018	23.89
2 No	1848	43.37	2866	67.26
N No response	1059	24.85	3925	92.11
S Not applicable	336	7.89	4261	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2012

Statusflag - INSTMESYN

XINSTMESYN	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	5	0.12	7	0.16
N Original data field was blank	1059	24.85	1066	25.02
R Original data value was reported	2859	67.10	3925	92.11
S Not applicable, not imputed	336	7.89	4261	100.00

Library Utilizes Chat Reference, Instant Messaging Applications (e.g., Meebo)

INSTMESYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	1255	29.45	1255	29.45
2 No	1611	37.81	2866	67.26
N No response	1059	24.85	3925	92.11
S Not applicable	336	7.89	4261	100.00

Statusflag - SORTMESYN

XSORTMESYN	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	3	0.07	5	0.12
N Original data field was blank	1059	24.85	1064	24.97
R Original data value was reported	2861	67.14	3925	92.11
S Not applicable, not imputed	336	7.89	4261	100.00

Library Utilizes Short Message Service (SMS) or Text Messaging

SORTMESYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	933	21.90	933	21.90
2 No	1933	45.36	2866	67.26
N No response	1059	24.85	3925	92.11
S Not applicable	336	7.89	4261	100.00

Appendix E

Crosswalk of Data Items/Variables between 2010 and 2012 Academic Library Survey

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Appendix E—Crosswalk of Data Items/Variables between 2010 and 2012 Academic Library Survey

Item	2012		2010	
	Variable	Item No.	Variable	Item No.
Library Expenditures	ELGEXP	a.	ELGEXP	a.
Organized collection	ELGCOLL	b.	ELGCOLL	b.
Trained staff	ELGSTAFF	c.	ELGSTAFF	c.
Established schedule	ELGSCHED	d.	ELGSCHED	d.
Physical facilities	ELGPHYS	e.	ELGPHYS	e.
Outlets, FY 2012				
Branch and independent libraries	BRANCHES	100	BRANCHES	100
Library Staff, Fall 2012				
Librarians – Col 1	STLIBS	200	STLIBS	200
Other professional staff – Col 1	STOTHPRO	201	STOTHPRO	201
Total librarians and other pro staff – Col 1	STLIBPRO	202	STLIBPRO	202
All other paid staff – Col 1	STOTH	203	STOTH	203
Student assistants – Col 1	STASST	204	STASST	204
Total full-time equivalent staff – Col 1	STTOT	205	STTOT	205
Salaries and Wages, FY 2012				
Total librarians and other pro staff – Col 2	SWLIBPRO	202	SWLIBPRO	202
All other paid staff – Col 2	SWOTH	203	SWOTH	203
Student assistants – Col 2	SWASST	204	SWASST	204
Total full-time equivalent staff – Col 2	SWTOT	205	SWTOT	205
Fringe benefits – Y/N	FRINGEYN	206	FRINGEYN	206
Amount of fringe benefits	FRINGE	207	FRINGE	207
Library Expenditures, FY 20102				
Total salaries and wages	SWTOT	205	SWTOT	205
Books, serial backfiles and other	EXBKS	300	EXBKS	300
Electronic	EXELBKS	301	EXELBKS	301
Audiovisual	EXAUD	302	EXAUD	302
Current serial subscriptions	EXCUSER	303	EXCUSER	303
Electronic serials	EXELSER	304	EXELSER	304
Document delivery/interlibrary loan	EXDEL	305	EXDEL	305
Preservation	EXPRES	306	EXPRES	306
Other expenditures for info resources	EXOTHIR	307	EXOTHIR	307
Computer hardware and software	EXCOMP	308	EXCOMP	308
Biblio. utilities, networks and consortia	EXBIB	309	EXBIB	309
All other operating expenditures	EXOTH	310	EXOTH	310
Total expenditures	EXTOT	311	EXTOT	311
Library Collections, FY 2012				
Books, serial backfiles and other – added	COLBKSA	400	COLBKSA	400
Books, serial backfiles and other – held	COLBKSH	400	COLBKSH	400
E-Books – added	COLEBKSA	401	COLEBKSA	401
E-Books – held	COLEBKSH	401	COLEBKSH	401
Microforms – added	COLMICRA	402	COLMICRA	402
Microforms – held	COLMICRH	402	COLMICRH	402
Audiovisual materials – added	COLAUDA	403	COLAUDA	403
Audiovisual materials – held	COLAUDH	403	COLAUDH	403
Current serial subscriptions – added	Deleted		COLSERA	404
Current serial subscriptions – held	Deleted		COLSERH	404

Appendix E—Crosswalk of Data Items/Variables between 2010 and 2012 Academic Library Survey

Item	2012		2010	
	Variable	Item No.	Variable	Item No.
Electronic reference – added	Deleted		COLELREFA	405
Electronic reference – held	Deleted		COLELREFH	405
Library collection entirely electronic – Y/N	COLELYN	404	COLELYN	406
Library Services, FY 2012				
Loans provided – Returnable	ILPRET	500	ILPRET	500
Loans provided – Non-returnable	ILPNON	501	ILPNON	501
Total provided	ILPTOT	502	ILPTOT	502
Loans received – Returnable	ILRRET	503	ILRRET	503
Loans received – Non-returnable	ILRNON	504	ILRNON	504
Documents received	DOCDEL	505	DOCDEL	505
Total received	ILRTOT	506	ILRTOT	506
General circulation	CRGEN	507	CRGEN	507
Reserve circulation	CRRSV	508	CRRSV	508
Library Services cont., FY 2012				
Presentations	PRESEN	509	PRESEN	509
Total attendance	ATTEND	510	ATTEND	510
Reference (under 20 minutes) – In-person	Deleted		REFPERS	511
Reference (under 20 minutes) – Virtual	Deleted		REFVIRT	512
Total reference	Deleted		TOTREF	513
Consultations (20 minutes or more) – In-person	Deleted		CONPERS	514
Consultations (20 minutes or more) – Virtual	Deleted		CONVIRT	515
Total consultations	Deleted		TOTCON	516
Total information services	TOTSERIN	511	TOTSERIN	517
Library Services, Typical Week, Fall 2012				
Hours open	HOURS	600	HOURS	600
Gate count	GATECT	601	GATECT	601
Electronic Services, FY 2012				
Documents digitized – Y/N	DOCDIGYN	700	DOCDIGYN	700
Library reference – Y/N	LIBREFYN	701	LIBREFYN	701
Disabled patrons – Y/N	TECHYN	702	TECHYN	702
Electronic theses and dissertations – Y/N	THESYN	703	THESYN	703
Information Literacy, FY 2012				
Definition of information literacy – Y/N	Deleted		INFLITDEFYN	800
Incorporated info literacy in mission – Y/N	Deleted		INFLITMISYN	801
Incorporated info literacy in plan – Y/N	Deleted		INFLITPLNYN	802
Committee to implement plan – Y/N	Deleted		INFLITCOMYN	803
Plan has formal library role – Y/N	Deleted		INFLITLIBYN	804
Postsecondary institution articulated student learning/student success outcomes–Y/N	STLEARNYN	800	New in 2012	
Incorporated in institution's student learning/student success outcomes–Y/N	INFLITOUTYN	801	New in 2012	
Virtual Reference, FY 2012				
Library support virtual reference services –Y/N	SUPPVIRTYN	900	SUPPVIRTYN	900
E-mail reference–Y/N	EMAILREFYN	901	EMAILREFYN	901
Chat reference, commercial service–Y/N	COMSERYN	902	COMSERYN	902
Chat reference, instant messaging application–Y/N	INSTMESYN	903	INSTMESYN	903
Short Message Service (SMS) or text messaging–Y/N	SORTMESYN	904	SORTMESYN	904

Appendix F
2012 Response Rate Tables

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Appendix F— ALS 2012 Response Rate Tables

Table F-1. Number and percentage of responding academic libraries, by level, control of institution, and item: 2012

Item	Total post-secondary degree granting institutions		4-year institutions									Less than 4-year ²		Public		Private	
			Total 4-year institutions ¹		Highest level of degree												
			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							
All institutions	3,793	100.0	2,489	100.0	894	100.0	842	100.0	753	100.0	1,304	100.0	1,560	100.0	2,233	100.0	
Responding libraries	3,236	85.3	2,141	86.0	812	90.8	732	86.9	597	79.3	1,095	84.0	1,482	95.0	1,754	78.5	
Library staff																	
Number of FTEs ³																	
Librarians	3,172	83.6	2,099	84.3	797	89.1	723	85.9	579	76.9	1,073	82.3	1,474	94.5	1,698	76.0	
Other professional staff	3,172	83.6	2,099	84.3	797	89.1	723	85.9	579	76.9	1,073	82.3	1,473	94.4	1,699	76.1	
Total librarians and other professional staff	3,177	83.8	2,103	84.5	801	89.6	723	85.9	579	76.9	1,074	82.4	1,475	94.6	1,702	76.2	
All other paid staff	3,174	83.7	2,101	84.4	800	89.5	723	85.9	578	76.8	1,073	82.3	1,474	94.5	1,700	76.1	
Student assistants	3,146	82.9	2,081	83.6	792	88.6	716	85.0	573	76.1	1,065	81.7	1,464	93.8	1,682	75.3	
Total FTE ³ staff	3,144	82.9	2,080	83.6	792	88.6	716	85.0	572	76.0	1,064	81.6	1,463	93.8	1,681	75.3	
Salaries and Wages																	
Total librarians and other professional staff	3,039	80.1	2,019	81.1	777	86.9	694	82.4	548	72.8	1,020	78.2	1,431	91.7	1,608	72.0	
All other paid staff	3,103	81.8	2,056	82.6	788	88.1	706	83.8	562	74.6	1,047	80.3	1,443	92.5	1,660	74.3	
Student assistants	2,990	78.8	1,988	79.9	766	85.7	684	81.2	538	71.4	1,002	76.8	1,400	89.7	1,590	71.2	
Total salaries and wages	2,939	77.5	1,957	78.6	758	84.8	679	80.6	520	69.1	982	75.3	1,394	89.4	1,545	69.2	
Employee fringe benefits	3,163	83.4	2,091	84.0	795	88.9	721	85.6	575	76.4	1,072	82.2	1,472	94.4	1,691	75.7	
Library expenditures																	
Total salaries and wages	2,939	77.5	1,957	78.6	758	84.8	679	80.6	520	69.1	982	75.3	1,394	89.4	1,545	69.2	
Information resources:																	
Books, serial backfiles, and other materials	3,075	81.1	2,044	82.1	779	87.1	711	84.4	554	73.6	1,031	79.1	1,447	92.8	1,628	72.9	
Electronic	2,798	73.8	1,858	74.6	701	78.4	645	76.6	512	68.0	940	72.1	1,341	86.0	1,457	65.2	
Audiovisual	2,909	76.7	1,923	77.3	721	80.6	668	79.3	534	70.9	986	75.6	1,371	87.9	1,538	68.9	
Current serials	3,076	81.1	2,041	82.0	778	87.0	709	84.2	554	73.6	1,035	79.4	1,445	92.6	1,631	73.0	
Electronic serials	2,869	75.6	1,904	76.5	727	81.3	668	79.3	509	67.6	965	74.0	1,364	87.4	1,505	67.4	
Other information resources:																	
Document delivery/interlibrary	3,073	81.0	2,038	81.9	774	86.6	708	84.1	556	73.8	1,035	79.4	1,439	92.2	1,634	73.2	
Preservation	3,070	80.9	2,034	81.7	773	86.5	707	84.0	554	73.6	1,036	79.4	1,437	92.1	1,633	73.1	
Other expenditures for information resources	3,058	80.6	2,027	81.4	773	86.5	705	83.7	549	72.9	1,031	79.1	1,436	92.1	1,622	72.6	
Operating expenditures:																	
Computer hardware and software	3,055	80.5	2,025	81.4	766	85.7	709	84.2	550	73.0	1,030	79.0	1,432	91.8	1,623	72.7	
Bibliographic utilities, networks, and consortia	3,061	80.7	2,029	81.5	773	86.5	707	84.0	549	72.9	1,032	79.1	1,433	91.9	1,628	72.9	
All other operating expenditures ⁴	3,053	80.5	2,024	81.3	773	86.5	704	83.6	547	72.6	1,029	78.9	1,436	92.1	1,617	72.4	
Total expenditures	2,873	75.7	1,914	76.9	739	82.7	671	79.7	504	66.9	959	73.5	1,372	87.9	1,501	67.2	

See notes at end of table.

Appendix F— ALS 2012 Response Rate Tables

Table F-1. Number and percentage of responding academic libraries, by level, control of institution, and item: 2012—Continued

Item	Total post-secondary degree granting institutions		4-year institutions									Less than 4-year ²		Private		
			Total 4-year institutions ¹		Highest level of degree						Total res-ponding	Public	Total res-ponding	Total res-ponding		
					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
Library collections																
Library collection entirely electronic	3,183	83.9	2,112	84.9	798	89.3	727	86.3	587	78.0	1,071	82.1	1,450	92.9	1,733	77.6
Books, serial backfiles, and other paper materials, added	3,080	81.2	2,050	82.4	774	86.6	709	84.2	567	75.3	1,030	79.0	1,420	91.0	1,660	74.3
Books, serial backfiles, and other paper materials, EOFY ⁵	3,121	82.3	2,083	83.7	790	88.4	717	85.2	576	76.5	1,038	79.6	1,430	91.7	1,691	75.7
E-Books, added	2,994	78.9	2,012	80.8	754	84.3	701	83.3	557	74.0	982	75.3	1,368	87.7	1,626	72.8
E-Books, EOFY ⁵	2,994	78.9	2,024	81.3	772	86.4	700	83.1	552	73.3	970	74.4	1,372	87.9	1,622	72.6
Microforms, added	2,955	77.9	1,993	80.1	752	84.1	694	82.4	547	72.6	962	73.8	1,353	86.7	1,602	71.7
Microforms, EOFY ⁵	2,967	78.2	2,010	80.8	764	85.5	694	82.4	552	73.3	957	73.4	1,366	87.6	1,601	71.7
Audiovisual materials, added	3,046	80.3	2,028	81.5	761	85.1	704	83.6	563	74.8	1,018	78.1	1,403	89.9	1,643	73.6
Audiovisual materials, EOFY ⁵	3,063	80.8	2,043	82.1	770	86.1	708	84.1	565	75.0	1,020	78.2	1,409	90.3	1,654	74.1
Library services																
Interlibrary loans provided																
Returnable	3,069	80.9	2,042	82.0	771	86.2	704	83.6	567	75.3	1,027	78.8	1,410	90.4	1,659	74.3
Non-returnable ⁶	3,071	81.0	2,043	82.1	772	86.4	703	83.5	568	75.4	1,028	78.8	1,413	90.6	1,658	74.2
Total provided	3,095	81.6	2,068	83.1	792	88.6	708	84.1	568	75.4	1,027	78.8	1,422	91.2	1,673	74.9
Interlibrary loans received																
Returnable	3,080	81.2	2,052	82.4	772	86.4	705	83.7	575	76.4	1,028	78.8	1,412	90.5	1,668	74.7
Non-returnable ⁶	3,079	81.2	2,050	82.4	772	86.4	703	83.5	575	76.4	1,029	78.9	1,413	90.6	1,666	74.6
Documents delivered from commercial services ⁷	3,082	81.3	2,054	82.5	772	86.4	707	84.0	575	76.4	1,028	78.8	1,410	90.4	1,672	74.9
Total received	3,102	81.8	2,075	83.4	791	88.5	708	84.1	576	76.5	1,027	78.8	1,420	91.0	1,682	75.3
General circulation transactions	3,091	81.5	2,062	82.8	784	87.7	706	83.8	572	76.0	1,029	78.9	1,419	91.0	1,672	74.9
Reserve circulation transactions	2,980	78.6	1,996	80.2	756	84.6	688	81.7	552	73.3	984	75.5	1,382	88.6	1,598	71.6
Number of presentations	3,111	82.0	2,078	83.5	794	88.8	712	84.6	572	76.0	1,033	79.2	1,429	91.6	1,682	75.3
Total attendance at all presentations	3,090	81.5	2,062	82.8	790	88.4	706	83.8	566	75.2	1,028	78.8	1,425	91.3	1,665	74.6
Total services to individuals	3,000	79.1	2,003	80.5	772	86.4	681	80.9	550	73.0	997	76.5	1,380	88.5	1,620	72.5
Library services, typical week																
Hours open, typical week	3,134	82.6	2,092	84.0	798	89.3	718	85.3	576	76.5	1,042	79.9	1,439	92.2	1,695	75.9
Gate count, ⁸ typical week	3,002	79.1	1,995	80.2	757	84.7	687	81.6	551	73.2	1,007	77.2	1,385	88.8	1,617	72.4

See notes at end of table.

Appendix F— ALS 2012 Response Rate Tables

Table F-1. Number and percentage of responding academic libraries, by level, control of institution, and item: 2012—Continued

Item	Total post-secondary degree granting institutions		4-year institutions									Less than 4-year ²		Public		Private	
			Total 4-year institutions ¹		Highest level of degree						Total res-ponding		Total res-ponding		Total res-ponding		
					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	
Electronic services																	
Library services provided:																	
Documents digitized by library staff	3,138	82.7	2,093	84.1	797	89.1	719	85.4	577	76.6	1,045	80.1	1,444	92.6	1,694	75.9	
Library reference service by e-mail or Web	3,139	82.8	2,094	84.1	797	89.1	719	85.4	578	76.8	1,045	80.1	1,444	92.6	1,695	75.9	
Technology to assist patrons with disabilities	3,136	82.7	2,092	84.0	796	89.0	719	85.4	577	76.6	1,044	80.1	1,444	92.6	1,692	75.8	
Electronic theses and dissertations produced by students	3,138	82.7	2,093	84.1	797	89.1	719	85.4	577	76.6	1,045	80.1	1,444	92.6	1,694	75.9	
Information Literacy																	
Articulated student learning/student success outcomes	3,134	82.6	2,088	83.9	795	88.9	715	84.9	578	76.8	1,046	80.2	1,444	92.6	1,690	75.7	
Incorporated information literacy into student learning/success outcomes	3,133	82.6	2,087	83.8	795	88.9	715	84.9	577	76.6	1,046	80.2	1,444	92.6	1,689	75.6	
Virtual Reference																	
Library supports virtual reference	3,139	82.8	2,093	84.1	798	89.3	717	85.2	578	76.8	1,046	80.2	1,446	92.7	1,693	75.8	
Library utilizes e-mail reference	3,139	82.8	2,093	84.1	798	89.3	717	85.2	578	76.8	1,046	80.2	1,446	92.7	1,693	75.8	
Library utilizes chat reference, commercial services	3,139	82.8	2,093	84.1	798	89.3	717	85.2	578	76.8	1,046	80.2	1,446	92.7	1,693	75.8	
Library utilizes chat reference, instant messaging	3,138	82.7	2,092	84.0	797	89.1	717	85.2	578	76.8	1,046	80.2	1,446	92.7	1,692	75.8	
Library utilizes short message service	3,138	82.7	2,092	84.0	798	89.3	716	85.0	578	76.8	1,046	80.2	1,446	92.7	1,692	75.8	

¹The number of doctoral, master's, and bachelor's level institutions does not sum to the total number of 4-year and above institutions because there are 4-year and above institutions that grant other degrees and are thus not included in the breakdown.

²Less than 4-year category refers to institutions that have at least a 2-year degree, but less than a 4-year degree (below the Baccalaureate degree).

³FTE = Full-time equivalent.

⁴"Other operating expenditures" are all other expenditures not already reported, and include furniture and equipment except computer hardware, and any related maintenance costs.

⁵EOFY = End of fiscal year.

⁶"Non-returnable" refers to materials that the supplier/lending library does not expect to have returned. Examples of non-returnables include photocopies or facsimiles, fiche-to-fiche copies, print copies from microfilm, electronic full-text documents, and gratis print copies of unpublished reports and/or departmental working papers.

⁷"Documents delivered from commercial services" refers to all documents from commercial document delivery services received by the library's users. This includes all transactions the library pays for, even if library staff is not involved in the transaction.

⁸"Gate count" is the number of persons who physically enter library facilities over the course of a typical week.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey (ALS), 2012.

Appendix F— ALS 2012 Response Rate Tables

Table F-2. Number and percentage of nonresponding academic libraries, by level, control of institution, and state/jurisdiction: 2012

State/jurisdiction	Total postsecondary degree-granting institutions		4-year institutions									Less than 4-year ²		Public		Private	
			Total 4-year institutions ¹		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	Number	Percent				
United States	557	14.7	348	14.0	82	9.2	110	13.1	156	20.7	209	16.0	78	5.0	479	21.5	
Alabama		4.3	2	4.8	1	6.7	1	8.3	0	0.0	1	3.6	0	0.0	3	9.7	
Alaska	2	33.3	1	25.0	0	0.0	0	0.0	1	100.0	1	50.0	1	20.0	1	100.0	
Arizona	15	25.4	13	39.4	2	20.0	2	28.6	9	56.3	2	7.7	1	4.2	14	40.0	
Arkansas	6	13.0	4	16.7	0	0.0	2	25.0	2	20.0	2	9.1	3	9.1	3	23.1	
California	83	23.0	47	23.0	15	16.7	14	21.9	18	36.0	36	22.9	12	8.1	71	33.5	
Colorado		24.6	7	18.9	1	7.7	2	25.0	4	25.0	8	33.3	3	11.5	12	34.3	
Connecticut	3	7.3	2	7.4	0	0.0	1	16.7	1	16.7	1	7.1	1	5.6	2	8.7	
Delaware	4	36.4	3	42.9	1	25.0	2	66.7	0	0.0	1	25.0	1	20.0	3	50.0	
District of Columbia	5	29.4	5	29.4	2	22.2	3	42.9	0	0.0	0	0.0	1	50.0	4	26.7	
Florida	43	25.4	25	20.3	2	6.9	11	28.2	12	21.8	18	39.1	0	0.0	43	33.3	
Georgia ³	13	11.5	4	5.8	0	0.0	1	5.0	3	11.5	9	20.5	4	6.6	9	17.3	
Hawaii	3	21.4	2	25.0	0	0.0	0	0.0	2	66.7	1	16.7	1	11.1	2	40.0	
Idaho	1	6.7	0	0.0	0	0.0	0	0.0	0	0.0	1	25.0	0	0.0	1	12.5	
Illinois		10.1	12	11.8	3	6.4	0	0.0	9	30.0	4	7.1	1	1.7	15	15.3	
Indiana	7	8.8	4	6.6	2	11.1	1	4.2	1	5.3	3	15.8	1	3.6	6	11.5	
Iowa ¹⁵	5	7.8	4	8.7	0	0.0	3	14.3	1	7.1	1	5.6	1	5.3	4	8.9	
Kansas	6	10.5	2	6.5	1	12.5	0	0.0	1	9.1	4	15.4	3	10.0	3	11.1	
Kentucky		9.2	4	9.1	2	13.3	1	7.1	1	6.7	2	9.5	0	0.0	6	14.6	
Louisiana	11	21.6	4	12.9	1	7.1	2	18.2	1	16.7	7	35.0	1	3.6	10	43.5	
Maine	1	3.6	1	5.0	0	0.0	0	0.0	1	11.1	0	0.0	1	6.7	0	0.0	
Maryland	5	9.3	4	11.1	0	0.0	3	16.7	1	25.0	1	5.6	1	3.3	4	16.7	
Massachusetts		10.3	10	10.5	6	16.7	2	5.4	2	9.1	2	9.1	2	6.7	10	11.5	
Michigan		5.7	4	6.8	1	4.3	0	0.0	3	18.8	1	3.6	1	2.3	4	9.1	
Minnesota	4	4.5	3	5.2	0	0.0	0	0.0	3	13.0	1	3.3	1	2.4	3	6.4	
Mississippi		13.2	3	15.0	1	12.5	1	12.5	1	25.0	2	11.1	2	8.3	3	21.4	
Missouri	16	15.2	11	13.9	3	10.7	2	8.7	6	21.4	5	19.2	1	3.2	15	20.3	
Montana	2	9.1	0	0.0	0	0.0	0	0.0	0	0.0	2	16.7	1	5.9	1	20.0	
Nebraska ⁶	6	17.1	6	24.0	1	16.7	3	20.0	2	50.0	0	0.0	0	0.0	6	28.6	
Nevada	3	18.8	1	8.3	0	0.0	0	0.0	1	14.3	2	50.0	0	0.0	3	33.3	
New Hampshire	2	8.0	1	5.6	0	0.0	0	0.0	0	0.0	1	14.3	1	9.1	1	7.1	

See notes at end of table.

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Appendix F— ALS 2012 Response Rate Tables

Table F-2. Number and percentage of nonresponding academic libraries, by level, control of institution, and state/jurisdiction: 2012—Continued

State/jurisdiction	Total postsecondary degree-granting institutions		4-year institutions								Less than 4-year ²		Public		Private	
			Total 4-year institutions ¹		Highest level of degree											
	Number	Percent	Number	Percent	Doctor's		Master's		Bachelor's		Number	Percent	Number	Percent	Number	Percent
					Number	Percent	Number	Percent	Number	Percent						
New Jersey	11	19.0	8	21.6	2	9.5	2	18.2	4	80.0	3	14.3	3	9.4	8	30.8
New Mexico	4	10.0	4	25.0	0	0.0	2	22.2	2	28.6	0	0.0	1	3.6	3	25.0
New York	52	19.0	46	22.7	16	20.0	16	20.3	14	31.8	6	8.5	1	1.3	51	26.3
North Carolina	6	4.3	5	6.7	1	4.5	2	8.0	2	7.1	1	1.5	1	1.3	5	7.7
North Dakota	1	5.0	1	6.7	0	0.0	0	0.0	1	11.1	0	0.0	1	7.1	0	0.0
Ohio	32	19.3	17	15.6	2	6.7	8	18.6	7	19.4	15	26.3	10	20.0	22	19.0
Oklahoma	6	11.1	3	8.1	1	9.1	0	0.0	2	15.4	3	17.6	3	10.3	3	12.0
Oregon	6	11.3	4	12.1	0	0.0	1	8.3	3	42.9	2	10.0	0	0.0	6	21.4
Pennsylvania	42	21.6	13	10.2	5	9.1	4	8.3	4	16.0	29	43.9	1	2.9	41	25.6
Rhode Island	1	7.7	1	8.3	0	0.0	0	0.0	1	100.0	0	0.0	0	0.0	1	10.0
South Carolina	8	11.3	7	15.6	2	15.4	4	25.0	1	6.3	1	3.8	2	6.1	6	15.8
South Dakota	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
Tennessee	7	8.5	4	6.6	1	5.0	3	13.6	0	0.0	3	14.3	0	0.0	7	11.7
Texas	26	12.9	18	15.3	3	5.6	6	20.7	9	25.7	8	9.6	0	0.0	26	26.5
Utah	5	20.8	5	26.3	0	0.0	1	12.5	4	50.0	0	0.0	0	0.0	5	33.3
Vermont	1	5.3	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	1	7.1
Virginia	20	19.2	12	17.4	3	12.0	1	6.3	8	28.6	8	22.9	4	10.0	16	25.0
Washington	8	10.5	3	6.7	0	0.0	0	0.0	3	16.7	5	16.1	2	4.9	6	17.1
West Virginia	3	9.7	1	4.3	0	0.0	1	8.3	0	0.0	2	25.0	0	0.0	3	21.4
Wisconsin	8	11.4	6	11.3	1	5.9	2	10.0	3	18.8	2	11.8	3	10.0	5	12.5
Wyoming	2	20.0	1	50.0	0	0.0	0	0.0	1	100.0	1	12.5	0	0.0	2	100.0

¹The number of doctoral, master's, and bachelor's level institutions does not sum to the total number of 4-year and above institutions because there are 4-year and above institutions that grant other degrees and are thus not included in the breakdown.

²Less than 4-year category refers to institutions that have at least a 2-year degree, but less than a 4-year degree (below the Baccalaureate degree).

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey (ALS), 2012.

Appendix F— ALS 2012 Response Rate Tables

Table F-3. Total number of academic libraries, by level, control of institution, and state/jurisdiction: 2012

State/jurisdiction	Total postsecondary degree-granting institutions	4-year institutions				Less than 4-year ²	Public	Private
		Total 4-year institutions ¹	Highest level of degree					
			Doctor's	Master's	Bachelor's			
United States	3,793	2,489	894	842	753	1,304	1,560	2,233
Alabama	70	42	15	12	15	28	39	31
Alaska	6	4	1	2	1	2	5	1
Arizona	59	33	10	7	16	26	24	35
Arkansas	46	24	6	8	10	22	33	13
California	361	204	90	64	50	157	149	212
Colorado	61	37	13	8	16	24	26	35
Connecticut	41	27	15	6	6	14	18	23
Delaware	11	7	4	3	0	4	5	6
District of Columbia	17	17	9	7	1	0	2	15
Florida	169	123	29	39	55	46	40	129
Georgia	113	69	23	20	26	44	61	52
Hawaii	14	8	2	3	3	6	9	5
Idaho	15	11	3	2	6	4	7	8
Illinois	158	102	47	25	30	56	60	98
Indiana	80	61	18	24	19	19	28	52
Iowa	64	46	11	21	14	18	19	45
Kansas	57	31	8	12	11	26	30	27
Kentucky	65	44	15	14	15	21	24	41
Louisiana	51	31	14	11	6	20	28	23
Maine	28	20	5	6	9	8	15	13
Maryland	54	36	14	18	4	18	30	24
Massachusetts	117	95	36	37	22	22	30	87
Michigan	87	59	23	20	16	28	43	44
Minnesota	88	58	22	13	23	30	41	47
Mississippi	38	20	8	8	4	18	24	14
Missouri	105	79	28	23	28	26	31	74
Montana	22	10	2	5	3	12	17	5
Nebraska	35	25	6	15	4	10	14	21
Nevada	16	12	4	1	7	4	7	9
New Hampshire	25	18	9	3	6	7	11	14

See notes at end of table.

Appendix F— ALS 2012 Response Rate Tables

Table F-3. Total number of academic libraries, by level, control of institution, and state/jurisdiction: 2012—Continued

State/jurisdiction	Total postsecondary degree-granting institutions	4-year institutions				Less than 4-year ²	Public	Private
		Total 4-year institutions ¹	Highest level of degree					
			Doctor's	Master's	Bachelor's			
New Jersey	58	37	21	11	5	21	32	26
New Mexico	40	19	3	9	7	21	28	12
New York	274	203	80	79	44	71	80	194
North Carolina	140	75	22	25	28	65	75	65
North Dakota	20	15	3	3	9	5	14	6
Ohio	166	109	30	43	36	57	50	116
Oklahoma	54	37	11	13	13	17	29	25
Oregon	53	33	14	12	7	20	25	28
Pennsylvania	194	128	55	48	25	66	34	160
Rhode Island	13	12	6	5	1	1	3	10
South Carolina	71	45	13	16	16	26	33	38
South Dakota	20	15	4	9	2	5	12	8
Tennessee	82	61	20	22	19	21	22	60
Texas	201	118	54	29	35	83	103	98
Utah	24	19	3	8	8	5	9	15
Vermont	19	18	3	12	3	1	5	14
Virginia	104	69	25	16	28	35	40	64
Washington	76	45	14	13	18	31	41	35
West Virginia	31	23	5	12	6	8	17	14
Wisconsin	70	53	17	20	16	17	30	40
Wyoming	10	2	1	0	1	8	8	2

¹The number of doctoral, master's, and bachelor's level institutions does not sum to the total number of 4-year and above institutions because there are 4-year and above institutions that grant other degrees and are thus not included in the breakdown.

²Less than 4-year category refers to institutions that have at least a 2-year degree, but less than a 4-year degree (below the Baccalaureate degree).

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