

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

Fiscal Year 2010

December 2011

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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 2010. 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 2010, 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 3,996 academic libraries in the 50 states and the District of Columbia and 80 academic libraries in the outlying areas for the 2010 Academic Libraries Survey.

Survey Questionnaire

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

The FY 2010 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) 2010. Fiscal year 2010 is defined as any 12-month period between June 1, 2009 and September 30, 2010, that corresponds to the institution’s fiscal year. Library staff data are for fall 2010. Other library services data are for a typical week in the fall of 2010.

Survey Response Rate

Unit Response

There were a total of 3,689 degree-granting postsecondary institutions in the 50 states and the District of Columbia in the 2010 ALS¹. The unit response rate among these institutions was 86.1 percent.

Item Response

The response rate for each variable in the ALS 2010 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 (3,689). 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.

Nonresponse Bias Analysis

NCES statistical standards call for a nonresponse bias analysis for a survey program with a unit response rate (URR) or item response rate (IRR) less than 85 percent. Based on the 2010 ALS publication tables, the survey program URR is above 85 percent, but numerous IRRs are below 85percent. Therefore, based on NCES statistical standards, a nonresponse bias study was required. The study was limited to a preliminary analysis of response rates to help uncover areas where we would recommend directing a future, more extensive nonresponse bias study. Please refer to Appendix G for the nonresponse bias analysis and Appendix H for the unit response rates and Appendix I for the total quantity response rates.

Data Collection and Processing

The ALS survey was released on the web on November 9, 2010. The survey had a due date of February 28, 2011, although it was extended to April 8, 2011. Data are collected and processed for NCES by the U.S. Census Bureau, Governments Division. For the 2010 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 that 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.

¹ From the universe of 4,076 records, subtract 80 institutions in the outlying areas, 305 institutions that are children, and 2 institutions that are nonrespondents with status code=3.

- *Relational edit checks* - The program compares responses entered in one section of the questionnaire with responses entered in another section of the questionnaire for consistency. For example, if a librarian reports that books and bound serials were added during the fiscal year, the program would look for some expenditure to be reported for books and bound serials. If the former is reported without the latter, an error message is generated. Another example is that the number of volumes of print materials added during the fiscal year cannot exceed the total number of volumes held at the end of the fiscal year.
- *Range checks* - An error message is generated if responses are above or below expected amounts. For example, if 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* – If the ratio of one item to another must not exceed a limit, such as when the ratio of program attendance to 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 U.S. Census Bureau reviewed the data and contacted respondents with questionable data to request verification or correction of that data. Data records were then aggregated into preliminary draft tables, which were reviewed by NCES and the U.S. Census Bureau for data quality issues.

Imputation

When surveys are sent to the U.S. 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 that were 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 2008 or FY 2006) 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 2006, then data were imputed using the current year median cell distribution ratio or the current year cell median. 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.

For FY 2010, there was a new section of items (Items 511 – 517). For these items, Total Services to Individuals used the prior year annualized Reference Transactions times the cell median growth rate to impute. If prior year data were unavailable, the current year cell median was used because all the detail items and totals were new, the current year median cell distribution ratio was the methodology used.

None of the yes/no variables (Electronic Services (Items 700-703), Information Literacy (Items 800-804) 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 the 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 that the confidentiality of

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

NCES releases data to the public for statistical purposes only. Every effort has been made to provide the maximum research information that is consistent with reasonable confidentiality protections. Record matching to identify individual respondents or deductive disclosure by any user is prohibited. Procedures for disclosure avoidance were used in preparing public-use data for release. Data on the public-use files have been modified so that 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 2010 data files are named as follows:

- 1) Tab delimited ASCII (flat file) format:
ALS_2010_P.1.A.TXT (Public Use)
- 2) MS ACCESS database:
ALS_2010_P.1.A.MDB (Public Use)

The file naming and versioning convention applied for the ALS 2010 file is as follows:

- Position 1-3: Survey (ALS)
- Position 4: Underscore (_)
- Position 5-8: Year (2010)
- 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_2010_P.1.A.sas.TXT.

The SPSS program to read the public-use file is Read_ALS_2010_P.1.A.sps.TXT.

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

Record Identifier

Institutions in ALS are identified by the UNITID that is the same identifier used in the IPEDS data collection system. ALS data, therefore, can be linked to a broad range of IPEDS institutional data using the institution's UNITID. It is important to note that if the user wants to merge the ALS and IPEDS data files, IPEDS defines UNITID as numeric while UNITIDs in the ALS file are in character format. Merging the files require that the UNITIDs be of the same format.

Imputation Status Flags

All variables were imputed for the 512 non-responding libraries of the 3,689 institutions with academic libraries that are located in the 50 states and in the District of Columbia. Responses on particular variables were also imputed for partial respondents. An imputation "status" flag that shows whether or not it was imputed, and ALS Imputation and Suppression Codes 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 imputation flag from N to Z if it was clear that 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 imputation flags is an X followed by the variable name. If the value of that flag is A, C, R, or Z, the value for the associated variable was either the original data value reported or a value adjusted or corrected by the analyst. If the value of the flag is I, P, or T, the value for the associated variable was imputed. To remove all imputed values from the data, the values of variables that have an imputation flag I, P, or T should be removed or not included on the analysis data file. (Note: The flag variables are single character fields.) If the value of the flag is H, the value for the associated variable has been suppressed.

Parent/Child (Branch) Records

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

Although the child records do not include any library data, the records are included in the file so that researchers can identify institutions that have or share a library. There are a total of 90 parent institutions that have children (i.e., 90 parent institutions have one or more child institution(s) associated with them in the 2010 ALS). There are 305 child institutions associated with these parents that are retained on the data file. Those institutions are not included in the calculations of the response rate.

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

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

Appendix A
ALS 2010 Record Layout

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Appendix A—ALS 2010 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 I 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)	IPEDS

Appendix A—ALS 2010 Record Layout

Variable Name	Start Position	Field Width	Field Type	Data Element Description	Source
				1 - Public, 4-year or above 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) 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 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) 0 - Other 1 - Postsecondary award, certificate or diploma of less than one academic year 2 - Postsecondary award, certificate or diploma of at least one but less than two academic years 3 - Associate's degree 4 - Postsecondary award, certificate or diploma of at least two but less than four academic years 5 - Bachelor's degree 6 - Postbaccalaureate certificate 7 - Master's degree 8 - Post-Master's certificate 9 - Doctor's degree Blank - none of the above or no answer -2 - Not applicable, 1st professional only -3 - Not available	IPEDS
UGOFFER	524	2	numeric	Undergraduate offering (generated, based on IC response) 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) 1 - Graduate degree or certificate offered 2 - No graduate offering -3 - Not available	IPEDS
HDEGOFR1	528	2	numeric	Highest Degree offered 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 1 - Yes 2 - No -1 - Not reported	IPEDS
PCTMIN1	532	3	numeric	Percent minority, generated from 2009 Fall Enrollment Survey - responding institutions only (does not include imputed data)	IPEDS

Appendix A—ALS 2010 Record Layout

Variable Name	Start Position	Field Width	Field Type	Data Element Description	Source
				Percent Black, non-Hispanic -1 - Not reported -3 - Not available	
PCTMIN2	535	3	numeric	Percent minority, generated from 2009 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 2009 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 2009 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 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.	IPEDS

Appendix A—ALS 2010 Record Layout

Variable Name	Start Position	Field Width	Field Type	Data Element Description	Source
				<p>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.</p> <p>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.</p> <p>33 - Baccalaureate/Associate's Colleges: These institutions are undergraduate colleges where the majority of conferrals are at the subbaccalaureate level (associate's degrees and certificates), but bachelor's degrees account for at least ten percent of undergraduate awards.</p> <p>40 - Associate's Colleges: These institutions offer associate's degrees and certificate programs but, with few exceptions, award no baccalaureate degrees.</p> <p>Specialized Institutions - These institutions offer degrees ranging from the bachelor's to the doctorate, and typically award a majority of degrees in a single field. The list includes only institutions that are listed as separate campuses in the Higher Education Directory. 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</p>	

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Variable Name	Start Position	Field Width	Field Type	Data Element Description	Source
				humanities; and multi/interdisciplinary studies. 4. This group includes community, junior, and technical colleges.	
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> <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</p> <p>Doctorate-granting Universities: Institutions are included in these categories if they awarded at least 20 doctorates in 2003-04. They were assigned to one of the three categories based on a measure of research activities</p> <p>15 - Research Universities (very high research activity) 16 - Research Universities (high research activity) 17 - Doctoral/Research Universities</p> <p>Master's Colleges and Universities: Institutions were included in these categories if they awarded at least 50 master's degrees in 2003-04, but fewer than 20 doctorates.</p> <p>18 - Master's Colleges and Universities (larger programs): These institutions award 200 or more master's degrees. 19 - Master's Colleges and Universities (medium programs): These institutions award 100 to 199 master's degrees. They award 20 or more master's degrees per year. 20 - Master's Colleges and Universities (smaller programs): These institutions award 50 to 99 master's degrees.</p> <p>Baccalaureate Colleges- Institutions were included in these categories if bachelor's degrees accounted for at least 10 percent of all undergraduate degrees and they awarded fewer than 50 master's degrees. Excludes Tribal Colleges or as Special Focus Institutions.</p> <p>21 - Baccalaureate Colleges-Arts and Sciences: Institutions where bachelor's degrees represented at least half of all undergraduate degrees, and at least half of the bachelor's degrees majored in arts and sciences fields. 22 - Baccalaureate Colleges-Diverse Fields: Institutions where bachelor's degrees represented at least half of all undergraduate degrees and are not included in the Arts and Sciences categories 23 - Baccalaureate/Associate's Colleges: Institutions where bachelor's degrees represent at least 10 percent but less than half of undergraduate degrees.</p> <p>Special Focus Institutions - These institutions offer degrees ranging from bachelor's doctorates, and typically award a majority of degrees in a single field. The list includes only institutions that are listed as separate campuses in the Higher Education Directory.</p> <p>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.</p>	IPEDS

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Variable Name	Start Position	Field Width	Field Type	Data Element Description	Source
				<p>25 - Medical schools and medical centers: These institutions award most of their professional degrees in medicine. In some instances, they include other health professions programs, such as dentistry, pharmacy, or nursing.</p> <p>26 - Other separate health profession schools: These institutions award most of their degrees in such fields as chiropractic, nursing, pharmacy, or podiatry.</p> <p>27 - Schools of engineering: These institutions award most of their bachelor's or graduate degrees in engineering.</p> <p>28 - Other technology-related schools: These institutions award most of their bachelor's or graduate degrees in technology- related fields.</p> <p>29 - Schools of business and management: These institutions award most of their bachelor's or graduate degrees in business or business-related programs.</p> <p>30 - Schools of art, music, and design: These institutions award most of their bachelor's or graduate degrees in art, music, design, architecture, or some combination of such fields.</p> <p>31 - Schools of law: These institutions award most of their degrees in law.</p> <p>32 - Other special-focus institutions: Institutions in this category include graduate centers, maritime academies, military institutes, and institutions that do not fit any other classification category.</p> <p>33 - Tribal Colleges: These colleges are, with few exceptions, tribally controlled and located on reservations. They are all members of the American Indian Higher Education Consortium.</p> <p>0 - Not Classified</p> <p>-3 - Not Applicable, not in Carnegie universe (not accredited or nondegree-granting)</p> <p>NOTES ON DEFINITIONS</p> <p>1. Doctoral degrees are as defined in the Integrated Postsecondary Education Data System (IPEDS) of the U.S. Department of Education's National Center for Education Statistics (NCES). This includes the Ph.D. in any field as well as other doctoral-level degrees such as the Doctor of Education, Doctor of Juridical Science, and Doctor of Public Health. It excludes doctoral-level degrees defined as first-professional degrees in IPEDS. For more information, see http://nces.ed.gov/ipeds.</p> <p>2. Distinct disciplines are determined by the 4-digit series of the Classification of Instructional Programs published by NCES. For more information, see http://nces.ed.gov/pubsearch/pubsinfo.aps?pubid=91396</p> <p>3. Liberal arts fields include the following fields (as listed in the Classification of Instructional Programs): English language and literature/letters; foreign languages and literatures; biological sciences/life sciences; mathematics; philosophy and religion; physical sciences; psychology; social sciences and history; visual and performing arts; area, ethnic, and cultural studies; liberal arts and sciences, general studies, and humanities; and multi/interdisciplinary studies.</p> <p>4. This group includes community, junior, and technical colleges.</p>	
LOCALE	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>	IPEDS

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Variable Name	Start Position	Field Width	Field Type	Data Element Description	Source
				<p>33 - Town: Remote: Territory inside an urban cluster that is more than 35 miles from 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.</p> <p>American Samoa, the Commonwealth of the Northern Mariana Islands, Guam, and the Virgin Islands, were not assigned a locale code because the geographic and governmental structures of these entities do not fit the definitional scheme used to derive the code.</p> <p>-3 - Not available</p>	
OPENPUBL	558	2	numeric	<p>Institution open to the general public</p> <p>1 - Yes</p> <p>0 - No</p>	IPEDS
DATSRCL	560	1	character	<p>Data source code - the media source used for returning data:</p> <p>1 - Internet/Web</p> <p>7 - Other, telephone</p> <p>N - not returned</p>	Derived
STATUS	561	1	character	<p>Response status code</p> <p>A code identifying the response status of the institution</p> <p>1 - Respondent</p> <p>3 - Nonrespondent to data and screening questions, not imputed</p> <p>4 - Nonrespondent, imputed</p> <p>5 - Nonrespondent to data (screening questions reported, out-of-scope), not imputed</p> <p>6 - Nonrespondent to data (screening questions reported, in-scope), not imputed</p>	Derived
EDITST	562	1	character	<p>Release status given to NCES</p> <p>1 - Record edited with no edit or critical flags</p> <p>2 - Record edited with critical edit flags, analyst accept</p> <p>3 - Record edited with critical edit flags remaining, NCES override</p> <p>4 - Record is on hold</p> <p>5 - Record failed the edits</p> <p>N - not edited</p>	Derived
IMPUTE	563	1	character	<p>Impute indicator</p> <p>1 - at least one part is imputed</p> <p>0 - not imputed</p>	Derived
PARTAF1AG1	564	1	character	<p>Imputation flag for item 100. The flag indicates if imputation was done for all, some, or no variables in this part of the survey. Possible values and meanings are:</p> <p>1 - Total non-respondent for this part</p> <p>2 - Partial non-respondent for this part</p> <p>0 - Nothing imputed for this part/total respondent to this part</p> <p>*partaflag1 will never be 2 because there is only one line item in this part.</p>	Derived
PARTB1AG1	565	1	character	<p>Imputation flag for items 200-205, both columns. The flag indicates if imputation was done for all, some, or no variables in this part of the survey. Possible values and meanings are:</p> <p>1 - Total non-respondent for this part</p> <p>2 - Partial non-respondent for this part</p> <p>0 - Nothing imputed for this part/total respondent to this part</p>	Derived
PARTB1AG2	566	1	character	<p>Imputation flag for fringe benefits, items 206 and 207. The flag indicates if imputation was done for all, some, or no variables in this part of the survey. Possible values and meanings are:</p> <p>1 - Total non-respondent for this part</p> <p>2 - Partial non-respondent for this part</p> <p>0 - Nothing imputed for this part/total respondent to this part</p>	Derived
PARTC1AG1	567	1	character	<p>Imputation flag for the outer column of items 300, 303, and 305-311. The flag indicates if imputation was done for all, some, or no variables in this part of the</p>	Derived

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Variable Name	Start Position	Field Width	Field Type	Data Element Description	Source
				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	
PARTCFLAG2	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
PARTDFLAG1	569	1	character	Imputation flag for columns 1 and 2 of items 400 and 402-405. The flag indicates if imputation was done for all, some, or no variables in this part of the survey. Possible values and meanings are: 1 - Total non-respondent for this part 2 - Partial non-respondent for this part 0 - Nothing imputed for this part/total respondent to this part	Derived
PARTDFLAG2	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
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 - 517. 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	2008-09 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 Census. 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	Survey

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Variable Name	Start Position	Field Width	Field Type	Data Element Description	Source
				1 - Yes 2 - No N - No response	
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. -2 - Not applicable	Survey
XBRANCHES	604	1	character	Statusflag A - Analyst adjusted a reported value C - Analyst corrected a cell that was blank I - Imputation for a cell that previously was a nonresponse, using a method other than prior year N - Original data field was blank P - Imputation for a cell that previously was a nonresponse, using prior year data R - Original data value was reported S - Not applicable, not imputed T - Total replaced with sum of detail during imputation Z - Implied reported zero value H - Data suppressed	Survey
BRANCHES	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

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Variable Name	Start Position	Field Width	Field Type	Data Element Description	Source
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
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

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Variable Name	Start Position	Field Width	Field Type	Data Element Description	Source
COLMICRA	923	12	numeric	Microforms - added	Survey
XCOLAUDA	935	1	character	Statusflag	Survey
COLAUDA	936	12	numeric	Audiovisual materials - added	Survey
XCOLSERA	948	1	character	Statusflag	Survey
COLSERA	949	12	numeric	Current serial subscriptions - added	Survey
XCOLELREFA	961	1	character	Statusflag	Survey
COLELREFA	962	12	numeric	Electronic reference sources and aggregation services; added	Survey
XCOLBKSH	974	1	character	Statusflag	Survey
COLBKSH	975	12	numeric	Books, serial backfiles and other paper materials (include government documents) held	Survey
XCOLEBKSH	987	1	character	Statusflag	Survey
COLEBKSH	988	12	numeric	E-Books - held	Survey
XCOLMICRH	1000	1	character	Statusflag	Survey
COLMICRH	1001	12	numeric	Microforms - held	Survey
XCOLAUDH	1013	1	character	Statusflag	Survey
COLAUDH	1014	12	numeric	Audiovisual materials - held	Survey
XCOLSERH	1026	1	character	Statusflag	Survey
COLSERH	1027	12	numeric	Current serial subscriptions - held	Survey
XCOLELREFH	1039	1	character	Statusflag	Survey
COLELREFH	1040	12	numeric	Electronic reference sources and aggregation services; held	Survey
XILPRET	1052	1	character	Statusflag	Survey
ILPRET	1053	12	numeric	Returnable - Interlibrary loans provided	Survey
XILPNON	1065	1	character	Statusflag - Interlibrary loans provided	Survey
ILPNON	1066	12	numeric	Non-returnable - Interlibrary loans provided	Survey
XILPTOT	1078	1	character	Statusflag	Survey
ILPTOT	1079	12	numeric	Total provided (sum items 500 and 501)	Survey
XILRRET	1091	1	character	Statusflag	Survey
ILRRET	1092	12	numeric	Returnable- Interlibrary loans received	Survey
XILRNON	1104	1	character	Statusflag	Survey
ILRNON	1105	12	numeric	Non-returnable - Interlibrary loans received	Survey
XDOCDEL	1117	1	character	Statusflag	Survey
DOCDEL	1118	12	numeric	Documents delivered from commercial services	Survey
XILRTOT	1130	1	character	Statusflag	Survey
ILRTOT	1131	12	numeric	Total received (sum items 503, 504 and 505)	Survey
XCRGEN	1143	1	character	Statusflag	Survey
CRGEN	1144	12	numeric	General circulation transactions	Survey
XCRRSV	1156	1	character	Statusflag	Survey
CRRSV	1157	12	numeric	Reserve circulation transactions	Survey
XPRESEN	1169	1	character	Statusflag	Survey
PRESEN	1170	12	numeric	Number of presentations	Survey
XATTEND	1182	1	character	Statusflag	Survey
ATTEND	1183	12	numeric	Total attendance at all presentations	Survey
XREFPERS	1195	1	character	Statusflag	Survey
REFPERS	1196	12	numeric	In-person reference transactions	Survey
XREFVIRT	1208	1	character	Statusflag	Survey
REFVIRT	1209	12	numeric	Virtual reference transactions	Survey
XTOTREF	1221	1	character	Statusflag	Survey
TOTREF	1222	12	numeric	Total reference transactions	Survey

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Variable Name	Start Position	Field Width	Field Type	Data Element Description	Source
XCONPERS	1234	1	character	Statusflag	Survey
CONPERS	1235	12	numeric	In-person consultations	Survey
XCONVIRT	1247	1	character	Statusflag	Survey
CONVIRT	1248	12	numeric	Virtual consultations	Survey
XTOTCON	1260	1	character	Statusflag	Survey
TOTCON	1261	12	numeric	Total consultations	Survey
XTOTSERIN	1273	1	character	Statusflag	Survey
TOTSERIN	1274	12	numeric	Total services to individuals	Survey
XHOURS	1286	1	character	Statusflag	Survey
HOURS	1287	8	numeric	Hours open in a typical week	Survey
XGATECT	1295	1	character	Statusflag	Survey
GATECT	1296	12	numeric	Gate count in a typical week	Survey
XDOCDIGYN	1308	1	character	Statusflag	Survey
DOCDIGYN	1309	1	character	Documents digitized by the library staff 1 - Yes 2 - No N - No response	Survey
XLIBREFYN	1310	1	character	Statusflag	Survey
LIBREFYN	1311	1	character	Library reference service by e-mail or the Web 1 - Yes 2 - No N - No response	Survey
XTECHYN	1312	1	character	Statusflag	Survey
TECHYN	1313	1	character	Technology to assist patrons with disabilities (e.g., TDD, specially equipped work stations) 1 - Yes 2 - No N - No response	Survey
XTHESYN	1314	1	character	Statusflag	Survey
THESYN	1315	1	character	Electronic theses and dissertations produced by your students 1 - Yes 2 - No N - No response	Survey
XINFLITDEFYN	1316	1	character	Statusflag	Survey
INFLITDEFYN	1317	1	character	Definition of information literacy or of an information literate student 1 - Yes 2 - No N - nonresponse	Survey
XINFLITMISYN	1318	1	character	Statusflag	Survey
INFLITMISYN	1319	1	character	Incorporated information literacy in the institution's mission 1 - Yes 2 - No N - nonresponse	Survey
XINFLITPLNYN	1320	1	character	Statusflag	Survey
INFLITPLNYN	1321	1	character	Incorporated information literacy in the institution's strategic plan 1 - Yes 2 - No N - nonresponse	Survey
XINFLITCOMYN	1322	1	character	Statusflag	Survey
INFLITCOMYN	1323	1	character	Campus-wide committee to implement the strategic plan for information literacy 1 - Yes 2 - No S - Not Applicable N - nonresponse	Survey

Appendix A—ALS 2010 Record Layout

Variable Name	Start Position	Field Width	Field Type	Data Element Description	Source
XINFLITLIBYN	1324	1	character	Statusflag	Survey
INFLITLIBYN	1325	1	character	The strategic plan formally recognizes the library's role in information literacy instruction 1 - Yes 2 - No S - Not Applicable N - nonresponse	Survey
XSUPPVIRTYN	1326	1	character	Statusflag	Survey
SUPPVIRTYN	1327	1	character	Library supports virtual reference services 1 - Yes 2 - No N - nonresponse	Survey
XEMAILREFYN	1328	1	character	Statusflag	Survey
EMAILREFYN	1329	1	character	Library utilizes e-mail reference 1 - Yes 2 - No S - Not Applicable N - nonresponse	Survey
XCOMSERYN	1330	1	character	Statusflag	Survey
COMSERYN	1331	1	character	Library utilizes chat reference, commercial service (e.g. QuestionPoint, Tutor.com) 1 - Yes 2 - No S - Not Applicable N - nonresponse	Survey
XINSTMESYN	1332	1	character	Statusflag	Survey
INSTMESYN	1333	1	character	Library utilizes chat reference, instant messaging applications (e.g. Meebo) 1 - Yes 2 - No S - Not Applicable N - nonresponse	Survey
XSORTMESYN	1334	1	character	Statusflag	Survey
SORTMESYN	1335	1	character	Library utilizes short message service (SMS) or text messaging 1 - Yes 2 - No S - Not Applicable N - nonresponse	Survey

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Appendix B

ALS 2010 Survey Instrument and Instructions

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Appendix B—ALS 2010 Instrument and Instructions

INSTRUCTIONS FOR THE ACADEMIC LIBRARY SURVEY – FY 2010

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 2010.

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 2010

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 2010. 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.

Appendix B—ALS 2010 Instrument and Instructions

Library Staff, Fall 2010 and Salaries/Wages, FY 2010

Column (1), Full-time equivalent (FTE) employees (items 200-205) - Report the number of filled or temporarily vacant FTE positions during Fall 2010. 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 2010 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 2010

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

Appendix B—ALS 2010 Instrument and Instructions

by the library in fiscal year 2010 (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, 2009 to September 30, 2010.** 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

Appendix B—ALS 2010 Instrument and Instructions

reported in item 100, transactions between branches (item 100), or expenditures for on campus delivery.

Preservation (item 306) - Report expenditures associated with maintaining library and archival materials for use either in their original physical form or in some other usable way. This includes but is not limited to binding and rebinding, materials conservation, deacidification, lamination, and restoration. Also, include preservation-related contracts for services (e.g. digitization). Do not include staff salaries and wages.

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

Operating Expenditures (items 308-310) -

Computer hardware and software (item 308) - Report expenditures from the library budget for computer hardware and software used to support library operations, whether purchased or leased, local or remote. Include expenditures for maintenance. Include the expenditure for equipment used to run information service products when that expenditure can be separated from the price of the product. Exclude expenditures reported in item 304.

Bibliographic utilities, networks, and consortia (item 309) - Report expenditures from the library operating budget for services provided by national, regional, and local bibliographic utilities, networks, and consortia. Exclude expenditures already reported on items 301, 304, and 305.

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

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

Library Collections, Fiscal Year 2010

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 2010. 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 2010. To get this figure, take the total number held at the end of FY 2009, add the number added during FY 2010, and subtract the number withdrawn FY 2010.

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Books, serial backfiles and other paper materials (include government documents) (item 400) - Report the number of volumes using the ANSI/NISO Z39.7-1995 definition for volume, which is as follows: A single physical unit of any printed, typewritten, handwritten, mimeographed, or processed work, distinguished from other units by a separate binding, encasement, portfolio, or other clear distinction, which has been cataloged, classified, and made ready for use, and which is typically the unit used to charge circulation transactions. Include print photographs, duplicates and bound volumes of periodicals. For purposes of this questionnaire, unclassified bound serials arranged in alphabetical order are considered classified. Exclude microfilms, maps, nonprint materials, and uncataloged items. Include Government document volumes that are accessible through the library's catalogs regardless of whether they are separately shelved. "Classified" includes documents arranged by Superintendent of Documents, CODOC, or similar numbers. "Cataloged" includes documents for which records are provided by the library or downloaded from other sources into the library's card or online catalogs.

E-Books (item 401) - Report the number of electronic monographs that have been cataloged by your library and are accessible through the library's catalog.

Microforms (item 402) - Report units of all photographic reproduction of textual, tabular, or graphic materials reduced in size so that they can be used only with magnification. Examples of microforms are roll microfilm, microcard, microfiche, and ultrafiche.

Audiovisual Materials (item 403) - Report units of all library materials that are displayed by visual projection or magnification or through sound reproduction, or both, including graphic materials, audio materials (include audio books), motion pictures, video materials, and special visual materials such as three-dimensional materials.

Current serial subscriptions (item 404) - Report the total number of titles in all formats. If the title comes in both paper and electronic form, count it twice. Count each individual title if it is received as part of a publisher's package. Include paper and microfilm government documents issued serially if they are accessible through the library's catalog. Report indexing and abstracting services that may contain full-text in item 405.

Electronic reference sources and aggregation services (item 405) –Report the total number of citation indexes and abstracts; full-text article databases; full-text reference sources (e.g., encyclopedias, almanacs, biographical and statistical sources and other quick fact-finding sources); dissertation and conference proceedings databases. Licensed electronic resources also include those databases that institutions mount locally. [Aggregation services are defined by NISO Z39.7-2004 as "4.10.3.2 Aggregated Full Text Databases: Collection of both bibliographic references and full text articles from periodical and/or other titles presented on a continuous basis that may relate to a common discipline or may provide multi-disciplinary coverage. This includes electronic reference and indexing tools that, if existed in print form, would be counted as periodicals. The content of aggregated full text databases consists predominately of full text articles rather than bibliographic references without associated full text, although both may be represented in the database."]

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Library Services, Fiscal Year 2010

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

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

Non-returnables (item 501 and 504) - Report materials that the library does not expect to have returned. Examples of non-returnables include photocopies or facsimiles, fiche-to-fiche copies, print copies from microfilm, electronic full-text documents, and gratis print copies of unpublished reports and/or departmental working papers.

Documents delivered from commercial services (item 505) - Report the number of documents from commercial document delivery services received by your users. Count all transactions for which the library pays even if library staff is not involved in the transaction. Include documents received by regular or express mail, by fax, or in electronic form.

Total loans (items 502 and 506) - Sum items 500 and 501 for item 502, and sum items 503, 504, and 505 for item 506.

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

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

Information services to groups (items 509 and 510) - Report the total number of presentations (item 509) and the total number of persons attending or served by those presentations (item 510). Information services to groups are presentations at which a staff member or person invited by a staff member provides information intended for a number of persons and planned in advance. These services may be either bibliographic instruction or library use presentations, or cultural, recreational, or educational presentations. Presentations both on and off the library premises should be included, as long as they are sponsored by the library. Self-paced tutorials and staff training should be excluded, as well as meetings sponsored by other groups using library meeting rooms. Include web-based presentations.

Information services to individuals (items 511 – 516) – *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.

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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.

Report the total number of reference interactions in-person and virtual (item 511 and 512). A reference interaction is defined as requiring less than 20 minutes of a staff persons time to complete.

Total Reference (item 513) – Sum of In-person reference (item 511) and Virtual reference (item 512).

Report the total number of consultations in-person and virtual (item 514 and 515). A consultation is defined as requiring 20 minutes or more of a staff persons time to complete and may also require a reservation.

For both reference and consultation, figures may be determined by using “per typical week” measures and multiply for the total number of weeks the library is open.

Total Consultations (item 516) – Sum of In-person consultations (item 514) and Virtual consultations (item 515).

Total information services to individuals (item 517) – Sum of Total Reference (513) and Total Consultations (item 516). A yearly figure of the reference transactions per typical week (item 602) in previous collections.

Library Services - Typical Week, Fall 2010

Collect data during a typical week in the fall. A typical week is one that is neither unusually busy nor unusually slow. Avoid vacation periods for key staff or days when unusual events are taking place on the campus or in the library. Choose a week in which the library is open its regular hours. Include any seven consecutive calendar days. If waiting for a typical week in Fall 2010 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.

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Number of weekly public service hours (item 600) – Report an unduplicated count of the total public service hours for physical libraries per typical full-service week (i.e., no holidays or other special accommodations) across both main library and branches using the following method (corresponds to IPEDS): If a library is open from 9:00 a.m. to 5:00 p.m. Monday through Friday, it should report 40 hours per week. If several of its branches are also open during these hours, the figure remains 40 hours per week. Should Branch A also be open one evening from 7:00 p.m. to 9:00 p.m., the total hours during which users can find service somewhere within the system becomes 42 hours per week. If Branch B is open the same hours on the same evening, the count is still 42, but if Branch B is open two hours on another evening, or remains open two hours later, the total is then 44 hours per week. Exclude 24-hour unstaffed reserve or similar reading rooms. The maximum total is 168 (i.e., a staffed reading room open 7 days per week, 24 hours per day).

Gate count in a typical week (item 601) - Report the number of persons who physically enter library facilities in a typical week. It is understood that a single person may be counted more than once. If the library is virtual or entirely electronic, please leave the line blank.

Reference transactions in a typical week (item 602) – Now reported as an annual figure in item 517.

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. The questions require a "yes" or "no" response.

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

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 2010

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 2010 Number of full-time equivalents (FTEs) (1)	FY 2010 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 2010

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 2010

See instructions for definitions.

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

ACADEMIC LIBRARIES SURVEY

LIBRARY SERVICES, FY 2010

See instructions for definitions.

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

ACADEMIC LIBRARIES SURVEY

LIBRARY SERVICES CONT., FY 2010

See instructions for definitions.

Item	Services	Number
Information services to groups:		
509	Number of presentations	_____
510	Total attendance at all presentations	_____
Information services to individuals:		
Reference (under 20 minutes):		
511	In-person	_____
512	Virtual	_____
513	Total Reference (sum of items 511 and 512)	_____
Consultations (20 minutes or more):		
514	In-person	_____
515	Virtual	_____
516	Total Consultations (sum of items 514 and 515)	_____
517	Total information services to individuals (sum of items 513 and 516)	_____

ACADEMIC LIBRARIES SURVEY

LIBRARY SERVICES, TYPICAL WEEK, FALL 2010

See instructions for definitions.

Item	Services	Number in a typical week
600	Number of weekly public service hours	_____
601	Gate count in a typical week	_____
602	Reference Transactions - Now reported as an annual figure in item 517	

ACADEMIC LIBRARIES SURVEY

ELECTRONIC SERVICES, FY 2010

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 2010

See instructions for definition.

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

ACADEMIC LIBRARIES SURVEY

VIRTUAL REFERENCE, FY 2010

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	_____

Appendix C

Distribution of Continuous Variable on Academic Libraries Survey: 2010

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Appendix C—Distribution of Continuous Variables on Academic Libraries Survey: 2010

Variable	Label	Minimum	Maximum	Mean
PCTMIN1	Percent Black	0.0	100.0	14.9
PCTMIN2	Percent American Indian/Alaskan Native	0.0	100.0	1.5
PCTMIN3	Percent Asian/Pacific Islander	0.0	100.0	4.2
PCTMIN4	Percent Hispanic	0.0	100.0	10.5
FTEUSED	2010 IPEDS Fall Collection Full-Time Equivalent Enrollment	3.0	349,062.0	4,037.1
BRANCHES	Number of Branch and Independent Libraries	0.0	72.0	0.8
STLIBS	Librarians	0.0	394.4	6.6
STOTHPRO	Other Professional Staff	0.0	190.0	1.9
STLIBPRO	Total Librarians and Other Professional Staff	0.0	524.0	8.5
STOTH	All Other Paid Staff	0.0	414.0	8.0
STASST	Student Assistants From All Funding Sources	0.0	217.0	5.6
STTOT	Total Full-Time Equivalent Staff	0.0	1,089.0	22.1
SWLIBPRO	Salaries and Wages - Librarians and Other Professional Staff	0.0	56,582,319.0	714,453.8
SWOTH	Salaries and Wages - All Other Paid Staff	0.0	26,080,494.0	488,232.3
SWASST	Salaries and Wages - Student Assistants	0.0	3,162,039.0	111,008.1
SWTOT	Salaries and Wages - for Total Full-Time Equivalent Staff	0.0	84,271,833.0	1,096,938.9
FRINGE	Employee Fringe Benefits (if Paid From Library Budget)	0.0	23,011,391.0	278,541.0
EXBKS	Books, Serial Backfiles and Other Materials (One-Time Purchases)	0.0	26,468,964.0	178,324.2
EXELBKS	Electronic Expenditures	0.0	4,865,605.0	37,494.9
EXAUD	Audiovisual Expenditures	0.0	16,154,062.0	13,712.8
EXCUSER	Current Serial Subscriptions (Ongoing Commitments)	0.0	15,233,300.0	439,610.0
EXELSER	Electronic Serial Expenditures	0.0	10,888,857.0	307,307.9
EXDEL	Document Delivery/Interlibrary Loan	0.0	1,008,293.0	8,268.5
EXPRES	Preservation	0.0	1,166,880.0	7,675.6
EXOTHIR	Other Expenditures for Information Resources	0.0	8,559,064.0	25,901.7
EXCOMP	Computer Hardware and Software (Include Maintenance)	0.0	3,170,893.0	35,226.2
EXBIB	Bibliographic Utilities, Networks and Consortia	0.0	1,627,940.0	29,143.4
EXOTH	All Other Operating Expenditures	0.0	17,067,088.0	166,086.3
EXTOT	Total Expenditures	0.0	133,426,947.0	1,683,038.5
COLBKSA	Books, Serial Backfiles and Other Paper Materials - Added	0.0	2,773,609.0	6,682.1
COLEBKSA	E-books - Added	0.0	645,616.0	7,924.6
COLMICRA	Microforms - Added	0.0	1,440,479.0	1,986.5
COLAUDA	Audiovisual Materials - Added	0.0	7,299,989.0	3,164.6
COLSERA	Current Serial Subscriptions - Added	0.0	61,889.0	573.7
COLELREFA	Electronic Reference Sources - Added	0.0	13,000.0	29.5
COLBKSH	Books, Serial Backfiles and Other Paper Materials - Held	0.0	16,832,952.0	264,787.9
COLEBKSH	E-books - Held	0.0	1,875,374.0	39,050.9
COLMICRH	Microforms - Held	0.0	10,739,522.0	276,438.1
COLAUDH	Audiovisual Materials - Held	0.0	10,740,684.0	27,675.5
COLSERH	Current Serial Subscriptions - Held	0.0	221,966.0	6,184.1
COLELREFH	Electronic Reference Sources - Held	0.0	91,985.0	452.3
ILPRET	ILL Provided, Returnable	0.0	79,708.0	1,682.2
ILPNON	ILL Provided, Non-Returnable	0.0	109,901.0	1,071.5
ILPTOT	ILL Provided, Total	0.0	173,672.0	2,753.7
ILRRET	ILL Received, Returnable	0.0	68,830.0	1,399.2
ILRNON	ILL Received, Non-Returnable	0.0	65,234.0	1,051.7
DOCDEL	Documents Delivered From Commercial Services	0.0	22,705.0	43.3
ILRTOT	Total Received	0.0	99,894.0	2,494.2
CRGEN	General Circulation Transactions	0.0	1,684,838.0	33,502.7

Appendix C—Distribution of Continuous Variables on Academic Libraries Survey: 2010

Variable	Label	Minimum	Maximum	Mean
CRRSV	Reserve Circulation Transactions	0.0	962,104.0	10,210.2
PRESEN	Number of Presentations	0.0	3,635.0	129.0
ATTEND	Total Attendance at All Presentations	0.0	87,486.0	2,395.2
REFPERS	In-Person Reference Transactions	0.0	680,057.0	7,031.6
REFVIRT	Virtual Reference Transactions	0.0	146,400.0	747.0
TOTREF	Total Reference Transactions	0.0	689,781.0	7,781.7
CONPERS	In-Person Consultations	0.0	90,122.0	736.3
CONVIRT	Virtual Consultations	0.0	58,247.0	134.1
TOTCON	Total Consultations	0.0	99,029.0	874.7
TOTSERIN	Total Services to Individuals	0.0	732,823.0	8,656.4
HOURS	Hours Open in a Typical Week	0.0	168.0	69.8
GATECT	Gate Count in a Typical Week	0.0	190,178.0	5,463.2

Appendix D

Categorical Variable Frequencies on Academic Libraries Survey: 2010

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Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

STABBR	State Abbreviation Code		Cumulative Frequency	Cumulative Percent
	Frequency	Percent		
AK ALASKA	6	0.15	6	0.15
AL ALABAMA	67	1.64	73	1.79
AR Arkansas	47	1.15	120	2.94
AS American Samoa	1	0.02	121	2.97
AZ Arizona	68	1.67	189	4.64
CA California	387	9.49	576	14.13
CO Colorado	66	1.62	642	15.75
CT Connecticut	45	1.10	687	16.85
DC District of Columbia	17	0.42	704	17.27
DE Delaware	10	0.25	714	17.52
FL Florida	168	4.12	882	21.64
FM Federal State Micronesia	1	0.02	883	21.66
GA Georgia	126	3.09	1009	24.75
GU Guam	3	0.07	1012	24.83
HI Hawaii	16	0.39	1028	25.22
IA Iowa	59	1.45	1087	26.67
ID Idaho	14	0.34	1101	27.01
IL Illinois	164	4.02	1265	31.04
IN Indiana	89	2.18	1354	33.22
KS Kansas	60	1.47	1414	34.69
KY Kentucky	71	1.74	1485	36.43
LA Louisiana	50	1.23	1535	37.66
MA Massachusetts	121	2.97	1656	40.63
MD Maryland	58	1.42	1714	42.05
ME Maine	30	0.74	1744	42.79
MH Marshall Islands	1	0.02	1745	42.81
MI Michigan	102	2.50	1847	45.31
MN Minnesota	104	2.55	1951	47.87
MO Missouri	117	2.87	2068	50.74
MS Mississippi	34	0.83	2102	51.57
MT Montana	21	0.52	2123	52.09
NC North Carolina	135	3.31	2258	55.40
ND North Dakota	20	0.49	2278	55.89
NE Nebraska	38	0.93	2316	56.82
NH New Hampshire	26	0.64	2342	57.46
NJ New Jersey	60	1.47	2402	58.93
NM New Mexico	36	0.88	2438	59.81
NV Nevada	16	0.39	2454	60.21
NY New York	277	6.80	2731	67.00
OH Ohio	182	4.47	2913	71.47
OK Oklahoma	51	1.25	2964	72.72
OR Oregon	56	1.37	3020	74.09
PA Pennsylvania	216	5.30	3236	79.39
PR Puerto Rico	72	1.77	3308	81.16
PW Palau	1	0.02	3309	81.18

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

State Abbreviation Code

STABBR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
RI Rhode Island	13	0.32	3322	81.50
SC South Carolina	69	1.69	3391	83.19
SD South Dakota	23	0.56	3414	83.76
TN Tennessee	90	2.21	3504	85.97
TX Texas	223	5.47	3727	91.44
UT Utah	31	0.76	3758	92.20
VA Virginia	101	2.48	3859	94.68
VI Virgin Islands	1	0.02	3860	94.70
VT Vermont	23	0.56	3883	95.26
WA Washington	72	1.77	3955	97.03
WI Wisconsin	73	1.79	4028	98.82
WV West Virginia	37	0.91	4065	99.73
WY Wyoming	11	0.27	4076	100.00

Status of the Institution

ACT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Active - Institution active and not an add	4031	98.90	4031	98.90
N New - Added during the current year	39	0.96	4070	99.85
R Restore - Restored to the current universe	6	0.15	4076	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	257	6.31	262	6.43
2 Mid East - DE DC MD NJ NY PA	635	15.58	897	22.01
3 Great Lakes - IL IN MI OH WI	610	14.97	1507	36.97
4 Plains - IA KS MN MO NE ND SD	421	10.33	1928	47.30
5 Southeast - AL AR FL GA KY LA MS NC SC TN VA WV	995	24.41	2923	71.71
6 Southwest - AZ NM OK TX	378	9.27	3301	80.99
7 Rocky Mountains - CO ID MT UT WY	142	3.48	3443	84.47
8 Far West - AK CA HI NV OR WA	553	13.57	3996	98.04
9 Outlying Areas - AS FM GU MH MP PR PW VI	80	1.96	4076	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

OPE Eligibility Indicator

OPEFLAG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Institution participates in Title IV federal financial aid programs	4035	98.99	4035	98.99
2 Branch campus of a main campus that participates in Title IV	37	0.91	4072	99.90
3 Deferment only - limited participation	3	0.07	4075	99.98
5 Not currently participating in Title IV, has an OPE ID number	1	0.02	4076	100.00

Sector of Institution

SECTOR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Public, 4-year or above	683	16.76	683	16.76
2 Private nonprofit, 4-year and above	1490	36.56	2173	53.31
3 Private for profit, 4-year and above	490	12.02	2663	65.33
4 Public, 2-year	966	23.70	3629	89.03
5 Private nonprofit, 2-year	69	1.69	3698	90.73
6 Private for profit, 2-year	378	9.27	4076	100.00

Level of Institution

ICLEVEL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Four or more years (Baccalaureate or higher degree)	2663	65.33	2663	65.33
2 At least 2 but less than 4 years (below the Baccalaureate)	1413	34.67	4076	100.00

Control of Institution

CONTROL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Public	1649	40.46	1649	40.46
2 Private, nonprofit	1559	38.25	3208	78.70
3 Private, for profit	868	21.30	4076	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Highest Level of Education Offering

HLOFFER	Frequency	Percent	Cumulative Frequency	Cumulative Percent
3 Associate degree	1108	27.18	1108	27.18
4 Postsecondary award, certificate or diploma of at least two but less than four years	305	7.48	1413	34.67
5 Bachelor's degree	753	18.47	2166	53.14
6 Post baccalaureate certificate	37	0.91	2203	54.05
7 Master's degree	800	19.63	3003	73.68
8 Post master's certificate	191	4.69	3194	78.36
9 Doctoral degree	882	21.64	4076	100.00

Undergraduate Offering

UGOFFER	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Undergraduate degree or certificate offered	3833	94.04	3833	94.04
2 No undergraduate offering	243	5.96	4076	100.00

Graduate Offering

GROFFER	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Graduate degree or certificate offered	1910	46.86	1910	46.86
2 No graduate offering	2166	53.14	4076	100.00

Highest Degree Offered

HDEGOFR1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
11 Doctor's degree - research/scholarship and professional practice	337	8.27	337	8.27
12 Doctor's degree -research/scholarship	240	5.89	577	14.16
13 Doctor's degree - professional practice	222	5.45	799	19.60
14 Doctor's degree - other	83	2.04	882	21.64
20 Master's degree	990	24.29	1872	45.93
30 Bachelors	787	19.31	2659	65.24
40 Associates	1417	34.76	4076	100.00

Degree Granting Status

DEGGRANT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	4076	100.00	4076	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Historically Black College or University

HBCU	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	99	2.43	99	2.43
2 No	3977	97.57	4076	100.00

Institution has Hospital

HOSPITAL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-2 Not applicable	973	23.87	973	23.87
1 Yes	84	2.06	1057	25.93
2 No	3019	74.07	4076	100.00

Institution Grants a Medical Degree

MEDICAL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-2 Not applicable	9	0.22	9	0.22
-1 Not reported	1	0.02	10	0.25
1 Yes	164	4.02	174	4.27
2 No	3902	95.73	4076	100.00

Tribal College

TRIBAL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	29	0.71	29	0.71
2 No	4047	99.29	4076	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Carnegie Classification Code				
CARNEGIE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-3 Not available	722	17.71	722	17.71
15 Doctoral/Research Universities - Extensive	151	3.70	873	21.42
16 Doctoral/Research Universities - Intensive	107	2.63	980	24.04
21 Master's Colleges and Universities I	488	11.97	1468	36.02
22 Master's (comprehensive) Colleges and Universities II	109	2.67	1577	38.69
31 Baccalaureate Colleges - Liberal Arts	217	5.32	1794	44.01
32 Baccalaureate Colleges - General	310	7.61	2104	51.62
33 Baccalaureate/Associate's Colleges	53	1.30	2157	52.92
40 Associate's Colleges	1320	32.38	3477	85.30
51 Theological seminaries and Other Specialized Faith-Related Institutions	225	5.52	3702	90.82
52 Medical Schools and Medical Centers	44	1.08	3746	91.90
53 Other Separate Health Profession Schools	78	1.91	3824	93.82
54 Schools of Engineering and Technology	45	1.10	3869	94.92
55 Schools of Business and Management	32	0.79	3901	95.71
56 Schools of Art, Music, and Design	74	1.82	3975	97.52
57 Schools of Law	21	0.52	3996	98.04
58 Teachers Colleges	5	0.12	4001	98.16
59 Other Specialized Institutions	47	1.15	4048	99.31
60 Tribal Colleges and Universities	28	0.69	4076	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Carnegie Classification 2005: Basic Code

CCBASIC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-3 Not Applicable, not in Carnegie universe	289	7.09	289	7.09
0 Not Classified	16	0.39	305	7.48
1 Associate's - Public Rural - serving Small	106	2.60	411	10.08
2 Associate's - Public Rural - serving Medium	298	7.31	709	17.39
3 Associate's - Public Rural - serving Large	142	3.48	851	20.88
4 Associate's - Public Suburban - serving Single campus	109	2.67	960	23.55
5 Associate's - Public Suburban - serving Multi-campus	94	2.31	1054	25.86
6 Associate's - Public Urban - serving Single campus	32	0.79	1086	26.64
7 Associate's - Public Urban- serving Multi-campus	135	3.31	1221	29.96
8 Associate's - Public Special Use	10	0.25	1231	30.20
9 Associate's - Private Not-for-profit	75	1.84	1306	32.04
10 Associate's - Private For-profit	301	7.38	1607	39.43
11 Associate's - Public 2-year Colleges Under 4-year Universities	53	1.30	1660	40.73
12 Associate's - Public 4-year Primarily Associate's	18	0.44	1678	41.17
13 Associate's - Private Not-for-profit 4-year primarily Associate's	15	0.37	1693	41.54
14 Associate's - Private For-profit 4-year primarily Associate's	59	1.45	1752	42.98
15 Research Universities (very high research activity)	98	2.40	1850	45.39
16 Research Universities (high research activity)	103	2.53	1953	47.91
17 Doctoral/Research Universities, Master's Colleges and Universities	81	1.99	2034	49.90
18 Master's Colleges and Universities (larger programs)	340	8.34	2374	58.24
19 Master's Colleges and Universities (medium programs)	183	4.49	2557	62.73
20 Master's Colleges and Universities (smaller programs)	123	3.02	2680	65.75
21 Baccalaureate Colleges-Arts and Sciences	272	6.67	2952	72.42
22 Baccalaureate Colleges-Diverse Fields	346	8.49	3298	80.91
23 Baccalaureate/Associate's Colleges	108	2.65	3406	83.56
24 Theological Seminaries, Bible Colleges and Other Faith-Related Institutions	233	5.72	3639	89.28
25 Medical Schools and Medical centers	51	1.25	3690	90.53
26 Other Separate Health Profession Schools	105	2.58	3795	93.11
27 Schools of Engineering	5	0.12	3800	93.23
28 Other Technology-Related Schools	42	1.03	3842	94.26
29 Schools of Business and management	53	1.30	3895	95.56
30 Schools of Art, Music, and Design	97	2.38	3992	97.94
31 Schools of Law	30	0.74	4022	98.68

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Carnegie Classification 2005: Basic Code

CCBASIC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
32 Other special-focus institutions	26	0.64	4048	99.31
33 Tribal Colleges	28	0.69	4076	100.00

Locale Codes - Degree of Urbanization

LOCALE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
-3 Not available	3	0.07	3	0.07
11 City: Large	924	22.67	927	22.74
12 City: Midsize	449	11.02	1376	33.76
13 City: Small	522	12.81	1898	46.57
21 Suburb: Large	791	19.41	2689	65.97
22 Suburb: Midsize	98	2.40	2787	68.38
23 Suburb: Small	67	1.64	2854	70.02
31 Town: Fringe	39	0.96	2893	70.98
32 Town: Distant	320	7.85	3213	78.83
33 Town: Remote	257	6.31	3470	85.13
41 Rural: Fringe	450	11.04	3920	96.17
42 Rural: Distant	102	2.50	4022	98.68
43 Rural: Remote	54	1.32	4076	100.00

Institution Open to the General Public

OPENPUBL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	4076	100.00	4076	100.00

Data Source Code - the Media Source Used for Returning Data

DATSRC	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Internet/Web	3582	87.88	3582	87.88
N Not returned	494	12.12	4076	100.00

Response Status Code

STATUS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Respondent	3452	84.69	3452	84.69
3 Nonrespondent to data and screening questions, not imputed	26	0.64	3478	85.33
4 Nonrespondent, imputed	598	14.67	4076	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Release Status Given to NCES

EDITST	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Record edited with no edit or critical flags	131	3.21	131	3.21
2 Record edited with critical edit flags, analyst accept	3170	77.77	3301	80.99
N Not edited	775	19.01	4076	100.00

Impute Indicator

IMPUTE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Not imputed	1990	48.82	1990	48.82
1 At least one part is imputed	2086	51.18	4076	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	3413	83.73	3413	83.73
1 Total non-respondent for this part	663	16.27	4076	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	3224	79.10	3224	79.10
1 Total non-respondent for this part	553	13.57	3777	92.66
2 Partial non-respondent for this part	299	7.34	4076	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	4049	99.34	4049	99.34
1 Total non-respondent for this part	27	0.66	4076	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	3226	79.15	3226	79.15
1 Total non-respondent for this part	617	15.14	3843	94.28
2 Partial non-respondent for this part	233	5.72	4076	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

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	2837	69.60	2837	69.60
1 Total non-respondent for this part	685	16.81	3522	86.41
2 Partial non-respondent for this part	554	13.59	4076	100.00

Imputation Flag for Columns 1 and 2 of Items 400 and 402-405

PARTDFLAG1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Nothing imputed for this part/total respondent for this part	3051	74.85	3051	74.85
1 Total non-respondent for this part	578	14.18	3629	89.03
2 Partial non-respondent for this part	447	10.97	4076	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	3017	74.02	3017	74.02
1 Total non-respondent for this part	617	15.14	3634	89.16
2 Partial non-respondent for this part	442	10.84	4076	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	3405	83.54	3405	83.54
1 Total non-respondent for this part	613	15.04	4018	98.58
2 Partial non-respondent for this part	58	1.42	4076	100.00

Imputation Flag for Items 507, 508 and 511-517

PARTEFLAG2	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Nothing imputed for this part/total respondent for this part	2790	68.45	2790	68.45
1 Total non-respondent for this part	590	14.47	3380	82.92
2 Partial non-respondent for this part	696	17.08	4076	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

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	3443	84.47	3443	84.47
1 Total non-respondent for this part	615	15.09	4058	99.56
2 Partial non-respondent for this part	18	0.44	4076	100.00

Imputation Flag for Items 600-602

PARTFFLAG1	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Nothing imputed for this part/total respondent for this part	3362	82.48	3362	82.48
1 Total non-respondent for this part	583	14.30	3945	96.79
2 Partial non-respondent for this part	131	3.21	4076	100.00

Flag to Indicate Full-Time Enrollment is Estimated by Census

FTEFLAG	Frequency	Percent	Cumulative Frequency	Cumulative Percent
0 Not estimated	3977	97.57	3977	97.57
1 Estimated	9	0.22	3986	97.79
3 Combined with children FTE	90	2.21	4076	100.00

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

ELGEXP	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	3247	79.66	3247	79.66
N No response	829	20.34	4076	100.00

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

ELGCOLL	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	3247	79.66	3247	79.66
N No response	829	20.34	4076	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	3247	79.66	3247	79.66
N No response	829	20.34	4076	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

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

ELGSCHED	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	3247	79.66	3247	79.66
N No response	829	20.34	4076	100.00

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

ELGPHYS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	3247	79.66	3247	79.66
N No response	829	20.34	4076	100.00

Current Year Parent/Child Indicator

CYPARCH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Parent	90	2.21	90	2.21
2 Child	305	7.48	395	9.69
N No response	3681	90.31	4076	100.00

Statusflag - BRANCHES

XBRANCHES	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	10	0.25	10	0.25
C Analyst corrected a cell that was blank	315	7.73	325	7.97
I Imputation for a cell that was a nonresponse, using a method other than prior year	185	4.54	510	12.51
N Original data field was blank	335	8.22	845	20.73
P Imputation for a cell that previously was a nonresponse, using prior year data	478	11.73	1323	32.46
R Original data value was reported	2753	67.54	4076	100.00

Statusflag - STLIBS

XSTLIBS	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	8	0.20	13	0.32
I Imputation for a cell that was a nonresponse, using a method other than prior year	169	4.15	182	4.47
N Original data field was blank	329	8.07	511	12.54
P Imputation for a cell that previously was a nonresponse, using prior year data	394	9.67	905	22.20
R Original data value was reported	3163	77.60	4068	99.80
Z Implied reported zero value	8	0.20	4076	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag - STOTHPRO

XSTOTHPRO	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	12	0.29	12	0.29
C Analyst corrected a cell that was blank	7	0.17	19	0.47
I Imputation for a cell that was a nonresponse, using a method other than prior year	166	4.07	185	4.54
N Original data field was blank	329	8.07	514	12.61
P Imputation for a cell that previously was a nonresponse, using prior year data	395	9.69	909	22.30
R Original data value was reported	2846	69.82	3755	92.12
Z Implied reported zero value	321	7.88	4076	100.00

Statusflag - STLIBPRO

XSTLIBPRO	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	24	0.59	24	0.59
C Analyst corrected a cell that was blank	8	0.20	32	0.79
I Imputation for a cell that was a nonresponse, using a method other than prior year	1	0.02	33	0.81
N Original data field was blank	329	8.07	362	8.88
R Original data value was reported	3154	77.38	3516	86.26
T Total replaced with sum of detail during imputations	560	13.74	4076	100.00

Statusflag - STOTH

XSTOTH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	16	0.39	16	0.39
C Analyst corrected a cell that was blank	9	0.22	25	0.61
I Imputation for a cell that was a nonresponse, using a method other than prior year	175	4.29	200	4.91
N Original data field was blank	329	8.07	529	12.98
P Imputation for a cell that previously was a nonresponse, using prior year data	390	9.57	919	22.55
R Original data value was reported	3068	75.27	3987	97.82
Z Implied reported zero value	89	2.18	4076	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag - STASST

XSTASST	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	119	2.92	119	2.92
C Analyst corrected a cell that was blank	10	0.25	129	3.16
I Imputation for a cell that was a nonresponse, using a method other than prior year	195	4.78	324	7.95
N Original data field was blank	335	8.22	659	16.17
P Imputation for a cell that previously was a nonresponse, using prior year data	395	9.69	1054	25.86
R Original data value was reported	2953	72.45	4007	98.31
Z Implied reported zero value	69	1.69	4076	100.00

Statusflag - STTOT

XSTTOT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	142	3.48	142	3.48
C Analyst corrected a cell that was blank	16	0.39	158	3.88
I Imputation for a cell that was a nonresponse, using a method other than prior year	1	0.02	159	3.90
N Original data field was blank	335	8.22	494	12.12
R Original data value was reported	2991	73.38	3485	85.50
T Total replaced with sum of detail during imputations	591	14.50	4076	100.00

Statusflag - SWLIBPRO

XSWLIBPRO	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	12	0.29	12	0.29
C Analyst corrected a cell that was blank	8	0.20	20	0.49
H Data suppressed	1328	32.58	1348	33.07
I Imputation for a cell that was a nonresponse, using a method other than prior year	242	5.94	1590	39.01
N Original data field was blank	329	8.07	1919	47.08
R Original data value was reported	2157	52.92	4076	100.00

Statusflag - SWOTH

XSWOTH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	4	0.10	4	0.10
C Analyst corrected a cell that was blank	4	0.10	8	0.20
H Data suppressed	1811	44.43	1819	44.63
I Imputation for a cell that was a nonresponse, using a method other than prior year	154	3.78	1973	48.41
N Original data field was blank	330	8.10	2303	56.50
R Original data value was reported	1773	43.50	4076	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag - SWASST

XSWASST	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	13	0.32	13	0.32
C Analyst corrected a cell that was blank	4	0.10	17	0.42
H Data suppressed	1930	47.35	1947	47.77
I Imputation for a cell that was a nonresponse, using a method other than prior year	226	5.54	2173	53.31
N Original data field was blank	331	8.12	2504	61.43
R Original data value was reported	1572	38.57	4076	100.00

Statusflag - SWTOT

XSWTOT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	21	0.52	21	0.52
C Analyst corrected a cell that was blank	9	0.22	30	0.74
H Data suppressed	1403	34.42	1433	35.16
I Imputation for a cell that was a nonresponse, using a method other than prior year	244	5.99	1677	41.14
N Original data field was blank	333	8.17	2010	49.31
R Original data value was reported	1923	47.18	3933	96.49
T Total replaced with sum of detail during imputations	143	3.51	4076	100.00

Statusflag - FRINGEYN

XFRINGEYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	18	0.44	18	0.44
C Analyst corrected a cell that was blank	602	14.77	620	15.21
N Original data field was blank	305	7.48	925	22.69
R Original data value was reported	3151	77.31	4076	100.00

Are Employee Fringe Benefits Paid From the Library Budget

FRINGEYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	1520	37.29	1520	37.29
2 No	2251	55.23	3771	92.52
N nonresponse	305	7.48	4076	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag - FRINGE

XFRINGE	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	4	0.10	4	0.10
C Analyst corrected a cell that was blank	3	0.07	7	0.17
H Data suppressed	2469	60.57	2476	60.75
I Imputation for a cell that was a nonresponse, using a method other than prior year	5	0.12	2481	60.87
N Original data field was blank	307	7.53	2788	68.40
R Original data value was reported	679	16.66	3467	85.06
S Not applicable, not imputed	609	14.94	4076	100.00

Statusflag - EXBKS

XEXBKS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	33	0.81	33	0.81
C Analyst corrected a cell that was blank	10	0.25	43	1.05
I Imputation for a cell that was a nonresponse, using a method other than prior year	242	5.94	285	6.99
N Original data field was blank	332	8.15	617	15.14
P Imputation for a cell that previously was a nonresponse, using prior year data	420	10.30	1037	25.44
R Original data value was reported	3034	74.44	4071	99.88
T Total replaced with sum of detail during imputations	1	0.02	4072	99.90
Z Implied reported zero value	4	0.10	4076	100.00

Statusflag - EXELBKS

XEXELBKS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	6	0.15	6	0.15
C Analyst corrected a cell that was blank	8	0.20	14	0.34
I Imputation for a cell that was a nonresponse, using a method other than prior year	449	11.02	463	11.36
N Original data field was blank	340	8.34	803	19.70
P Imputation for a cell that previously was a nonresponse, using prior year data	540	13.25	1343	32.95
R Original data value was reported	2729	66.95	4072	99.90
Z Implied reported zero value	4	0.10	4076	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag - EXAUD

XEXAUD	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	0.32	18	0.44
I Imputation for a cell that was a nonresponse, using a method other than prior year	366	8.98	384	9.42
N Original data field was blank	337	8.27	721	17.69
P Imputation for a cell that previously was a nonresponse, using prior year data	499	12.24	1220	29.93
R Original data value was reported	2794	68.55	4014	98.48
Z Implied reported zero value	62	1.52	4076	100.00

Statusflag - EXCUSER

XEXCUSER	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	59	1.45	59	1.45
C Analyst corrected a cell that was blank	8	0.20	67	1.64
I Imputation for a cell that was a nonresponse, using a method other than prior year	233	5.72	300	7.36
N Original data field was blank	333	8.17	633	15.53
P Imputation for a cell that previously was a nonresponse, using prior year data	428	10.50	1061	26.03
R Original data value was reported	3010	73.85	4071	99.88
Z Implied reported zero value	5	0.12	4076	100.00

Statusflag - EXELSER

XEXELSER	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	15	0.37	15	0.37
C Analyst corrected a cell that was blank	9	0.22	24	0.59
I Imputation for a cell that was a nonresponse, using a method other than prior year	408	10.01	432	10.60
N Original data field was blank	335	8.22	767	18.82
P Imputation for a cell that previously was a nonresponse, using prior year data	503	12.34	1270	31.16
R Original data value was reported	2795	68.57	4065	99.73
Z Implied reported zero value	11	0.27	4076	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

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	15	0.37	18	0.44
I Imputation for a cell that was a nonresponse, using a method other than prior year	227	5.57	245	6.01
N Original data field was blank	332	8.15	577	14.16
P Imputation for a cell that previously was a nonresponse, using prior year data	435	10.67	1012	24.83
R Original data value was reported	2914	71.49	3926	96.32
Z Implied reported zero value	150	3.68	4076	100.00

Statusflag - EXPRES

XEXPRES	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	4	0.10	4	0.10
C Analyst corrected a cell that was blank	15	0.37	19	0.47
I Imputation for a cell that was a nonresponse, using a method other than prior year	230	5.64	249	6.11
N Original data field was blank	332	8.15	581	14.25
P Imputation for a cell that previously was a nonresponse, using prior year data	433	10.62	1014	24.88
R Original data value was reported	2886	70.80	3900	95.68
Z Implied reported zero value	176	4.32	4076	100.00

Statusflag - EXOTHIR

XEXOTHIR	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	6	0.15	6	0.15
C Analyst corrected a cell that was blank	21	0.52	27	0.66
I Imputation for a cell that was a nonresponse, using a method other than prior year	238	5.84	265	6.50
N Original data field was blank	333	8.17	598	14.67
P Imputation for a cell that previously was a nonresponse, using prior year data	438	10.75	1036	25.42
R Original data value was reported	2668	65.46	3704	90.87
Z Implied reported zero value	372	9.13	4076	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag - EXCOMP

XEXCOMP	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	16	0.39	19	0.47
I Imputation for a cell that was a nonresponse, using a method other than prior year	236	5.79	255	6.26
N Original data field was blank	331	8.12	586	14.38
P Imputation for a cell that previously was a nonresponse, using prior year data	429	10.53	1015	24.90
R Original data value was reported	2910	71.39	3925	96.30
Z Implied reported zero value	151	3.70	4076	100.00

Statusflag - EXBIB

XEXBIB	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	17	0.42	18	0.44
I Imputation for a cell that was a nonresponse, using a method other than prior year	234	5.74	252	6.18
N Original data field was blank	331	8.12	583	14.30
P Imputation for a cell that previously was a nonresponse, using prior year data	426	10.45	1009	24.75
R Original data value was reported	2956	72.52	3965	97.28
Z Implied reported zero value	111	2.72	4076	100.00

Statusflag - EXOTH

XEXOTH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	7	0.17	7	0.17
C Analyst corrected a cell that was blank	10	0.25	17	0.42
H Data suppressed	1403	34.42	1420	34.84
I Imputation for a cell that was a nonresponse, using a method other than prior year	107	2.63	1527	37.46
N Original data field was blank	331	8.12	1858	45.58
P Imputation for a cell that previously was a nonresponse, using prior year data	218	5.35	2076	50.93
R Original data value was reported	1879	46.10	3955	97.03
Z Implied reported zero value	121	2.97	4076	100.00

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Statusflag EXTOT

XEXTOT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	166	4.07	166	4.07
C Analyst corrected a cell that was blank	27	0.66	193	4.74
N Original data field was blank	337	8.27	530	13.00
R Original data value was reported	2710	66.49	3240	79.49
T Total replaced with sum of detail during imputations	836	20.51	4076	100.00

Statusflag - COLELYN

XCOLELYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	16	0.39	16	0.39
C Analyst corrected a cell that was blank	14	0.34	30	0.74
N Original data field was blank	871	21.37	901	22.11
R Original data value was reported	3175	77.89	4076	100.00

Library Collection is Entirely Electronic

COLELYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	17	0.42	17	0.42
2 No	3188	78.21	3205	78.63
N nonresponse	871	21.37	4076	100.00

Statusflag - COLBKSA

XCOLBKSA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	19	0.47	19	0.47
C Analyst corrected a cell that was blank	12	0.29	31	0.76
I Imputation for a cell that was a nonresponse, using a method other than prior year	651	15.97	682	16.73
N Original data field was blank	332	8.15	1014	24.88
R Original data value was reported	3058	75.02	4072	99.90
Z Implied reported zero value	4	0.10	4076	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag - COLEBKSA

XCOLEBKSA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	23	0.56	23	0.56
C Analyst corrected a cell that was blank	7	0.17	30	0.74
I Imputation for a cell that was a nonresponse, using a method other than prior year	780	19.14	810	19.87
N Original data field was blank	337	8.27	1147	28.14
R Original data value was reported	2901	71.17	4048	99.31
Z Implied reported zero value	28	0.69	4076	100.00

Statusflag COLMICRA

XCOLMICRA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	21	0.52	21	0.52
C Analyst corrected a cell that was blank	8	0.20	29	0.71
I Imputation for a cell that was a nonresponse, using a method other than prior year	778	19.09	807	19.80
N Original data field was blank	339	8.32	1146	28.12
R Original data value was reported	2905	71.27	4051	99.39
Z Implied reported zero value	25	0.61	4076	100.00

Statusflag - COLAUDA

XCOLAUDA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	26	0.64	26	0.64
C Analyst corrected a cell that was blank	6	0.15	32	0.79
I Imputation for a cell that was a nonresponse, using a method other than prior year	710	17.42	742	18.20
N Original data field was blank	333	8.17	1075	26.37
R Original data value was reported	2976	73.01	4051	99.39
Z Implied reported zero value	25	0.61	4076	100.00

Statusflag - COLSERA

XCOLSERA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	134	3.29	134	3.29
C Analyst corrected a cell that was blank	7	0.17	141	3.46
I Imputation for a cell that was a nonresponse, using a method other than prior year	766	18.79	907	22.25
N Original data field was blank	338	8.29	1245	30.54
P Imputation for a cell that previously was a nonresponse, using prior year data	2	0.05	1247	30.59
R Original data value was reported	2829	69.41	4076	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag - COLELREFA

XCOLELREFA	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	52	1.28	52	1.28
C Analyst corrected a cell that was blank	7	0.17	59	1.45
I Imputation for a cell that was a nonresponse, using a method other than prior year	896	21.98	955	23.43
N Original data field was blank	341	8.37	1296	31.80
R Original data value was reported	2769	67.93	4065	99.73
Z Implied reported zero value	11	0.27	4076	100.00

Statusflag - COLBKSH

XCOLBKSH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	18	0.44	18	0.44
C Analyst corrected a cell that was blank	14	0.34	32	0.79
I Imputation for a cell that was a nonresponse, using a method other than prior year	238	5.84	270	6.62
N Original data field was blank	333	8.17	603	14.79
P Imputation for a cell that previously was a nonresponse, using prior year data	380	9.32	983	24.12
R Original data value was reported	3093	75.88	4076	100.00

Statusflag - COLEBKSH

XCOLEBKSH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	28	0.69	28	0.69
C Analyst corrected a cell that was blank	12	0.29	40	0.98
I Imputation for a cell that was a nonresponse, using a method other than prior year	314	7.70	354	8.68
N Original data field was blank	339	8.32	693	17.00
P Imputation for a cell that previously was a nonresponse, using prior year data	430	10.55	1123	27.55
R Original data value was reported	2953	72.45	4076	100.00

Statusflag - COLMICRH

XCOLMICRH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	8	0.20	8	0.20
C Analyst corrected a cell that was blank	20	0.49	28	0.69
I Imputation for a cell that was a nonresponse, using a method other than prior year	323	7.92	351	8.61
N Original data field was blank	340	8.34	691	16.95
P Imputation for a cell that previously was a nonresponse, using prior year data	433	10.62	1124	27.58
R Original data value was reported	2952	72.42	4076	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag - COLAUDH

XCOLAUDH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	20	0.49	20	0.49
C Analyst corrected a cell that was blank	15	0.37	35	0.86
I Imputation for a cell that was a nonresponse, using a method other than prior year	281	6.89	316	7.75
N Original data field was blank	334	8.19	650	15.95
P Imputation for a cell that previously was a nonresponse, using prior year data	391	9.59	1041	25.54
R Original data value was reported	3035	74.46	4076	100.00

Statusflag - COLSERH

XCOLSERH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	280	6.87	280	6.87
C Analyst corrected a cell that was blank	20	0.49	300	7.36
I Imputation for a cell that was a nonresponse, using a method other than prior year	251	6.16	551	13.52
N Original data field was blank	337	8.27	888	21.79
P Imputation for a cell that previously was a nonresponse, using prior year data	454	11.14	1342	32.92
R Original data value was reported	2734	67.08	4076	100.00

Statusflag - COLELREFH

XCOLELREFH	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	101	2.48	101	2.48
C Analyst corrected a cell that was blank	18	0.44	119	2.92
I Imputation for a cell that was a nonresponse, using a method other than prior year	316	7.75	435	10.67
N Original data field was blank	339	8.32	774	18.99
P Imputation for a cell that previously was a nonresponse, using prior year data	480	11.78	1254	30.77
R Original data value was reported	2822	69.23	4076	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag - ILPRET

XILPRET	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	4	0.10	4	0.10
C Analyst corrected a cell that was blank	7	0.17	11	0.27
I Imputation for a cell that was a nonresponse, using a method other than prior year	264	6.48	275	6.75
N Original data field was blank	332	8.15	607	14.89
P Imputation for a cell that previously was a nonresponse, using prior year data	393	9.64	1000	24.53
R Original data value was reported	3063	75.15	4063	99.68
Z Implied reported zero value	13	0.32	4076	100.00

Statusflag - ILPNON

XILPNON	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	8	0.20	11	0.27
I Imputation for a cell that was a nonresponse, using a method other than prior year	264	6.48	275	6.75
N Original data field was blank	332	8.15	607	14.89
P Imputation for a cell that previously was a nonresponse, using prior year data	394	9.67	1001	24.56
R Original data value was reported	2961	72.64	3962	97.20
Z Implied reported zero value	114	2.80	4076	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	8	0.20	11	0.27
N Original data field was blank	332	8.15	343	8.42
R Original data value was reported	3107	76.23	3450	84.64
T Total replaced with sum of detail during imputations	626	15.36	4076	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

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	8	0.20	11	0.27
I Imputation for a cell that was a nonresponse, using a method other than prior year	265	6.50	276	6.77
N Original data field was blank	332	8.15	608	14.92
P Imputation for a cell that previously was a nonresponse, using prior year data	389	9.54	997	24.46
R Original data value was reported	3067	75.25	4064	99.71
Z Implied reported zero value	12	0.29	4076	100.00

Statusflag - ILRNON

XILRNON	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	8	0.20	11	0.27
I Imputation for a cell that was a nonresponse, using a method other than prior year	265	6.50	276	6.77
N Original data field was blank	332	8.15	608	14.92
P Imputation for a cell that previously was a nonresponse, using prior year data	390	9.57	998	24.48
R Original data value was reported	2954	72.47	3952	96.96
Z Implied reported zero value	124	3.04	4076	100.00

Statusflag - DOCDEL

XDOCDEL	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	4	0.10	9	0.22
I Imputation for a cell that was a nonresponse, using a method other than prior year	264	6.48	273	6.70
N Original data field was blank	332	8.15	605	14.84
P Imputation for a cell that previously was a nonresponse, using prior year data	387	9.49	992	24.34
R Original data value was reported	2734	67.08	3726	91.41
Z Implied reported zero value	350	8.59	4076	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag - ILRTOT

XILRTOT	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	8	0.20	13	0.32
N Original data field was blank	332	8.15	345	8.46
R Original data value was reported	3107	76.23	3452	84.69
T Total replaced with sum of detail during imputations	624	15.31	4076	100.00

Statusflag - CRGEN

XCRGEN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	9	0.22	9	0.22
C Analyst corrected a cell that was blank	8	0.20	17	0.42
I Imputation for a cell that was a nonresponse, using a method other than prior year	241	5.91	258	6.33
N Original data field was blank	332	8.15	590	14.47
P Imputation for a cell that previously was a nonresponse, using prior year data	372	9.13	962	23.60
R Original data value was reported	3114	76.40	4076	100.00

Statusflag - CRRSV

XCRRSV	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	9	0.22	9	0.22
C Analyst corrected a cell that was blank	7	0.17	16	0.39
I Imputation for a cell that was a nonresponse, using a method other than prior year	305	7.48	321	7.88
N Original data field was blank	332	8.15	653	16.02
P Imputation for a cell that previously was a nonresponse, using prior year data	441	10.82	1094	26.84
R Original data value was reported	2982	73.16	4076	100.00

Statusflag - PRESEN

XPRESEN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	8	0.20	8	0.20
C Analyst corrected a cell that was blank	8	0.20	16	0.39
I Imputation for a cell that was a nonresponse, using a method other than prior year	232	5.69	248	6.08
N Original data field was blank	332	8.15	580	14.23
P Imputation for a cell that previously was a nonresponse, using prior year data	387	9.49	967	23.72
R Original data value was reported	3109	76.28	4076	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag - ATTEND

XATTEND	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	8	0.20	8	0.20
C Analyst corrected a cell that was blank	8	0.20	16	0.39
I Imputation for a cell that was a nonresponse, using a method other than prior year	242	5.94	258	6.33
N Original data field was blank	332	8.15	590	14.47
P Imputation for a cell that previously was a nonresponse, using prior year data	387	9.49	977	23.97
R Original data value was reported	3099	76.03	4076	100.00

Statusflag - REFPRES

XREFPERS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	47	1.15	47	1.15
C Analyst corrected a cell that was blank	11	0.27	58	1.42
I Imputation for a cell that was a nonresponse, using a method other than prior year	1134	27.82	1192	29.24
N Original data field was blank	339	8.32	1531	37.56
R Original data value was reported	2531	62.10	4062	99.66
Z Implied reported zero value	14	0.34	4076	100.00

Statusflag - REFVIRT

XREFVIRT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	37	0.91	37	0.91
C Analyst corrected a cell that was blank	9	0.22	46	1.13
I Imputation for a cell that was a nonresponse, using a method other than prior year	1115	27.36	1161	28.48
N Original data field was blank	339	8.32	1500	36.80
R Original data value was reported	2435	59.74	3935	96.54
Z Implied reported zero value	141	3.46	4076	100.00

Statusflag - TOTREF

XTOTREF	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	51	1.25	51	1.25
C Analyst corrected a cell that was blank	14	0.34	65	1.59
I Imputation for a cell that was a nonresponse, using a method other than prior year	1005	24.66	1070	26.25
N Original data field was blank	334	8.19	1404	34.45
R Original data value was reported	2664	65.36	4068	99.80
T Total replaced with sum of detail during imputations	1	0.02	4069	99.83
Z Implied reported zero value	7	0.17	4076	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag - CONPRES

XCONPERS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	33	0.81	33	0.81
C Analyst corrected a cell that was blank	9	0.22	42	1.03
I Imputation for a cell that was a nonresponse, using a method other than prior year	1084	26.59	1126	27.63
N Original data field was blank	338	8.29	1464	35.92
R Original data value was reported	2424	59.47	3888	95.39
Z Implied reported zero value	188	4.61	4076	100.00

Statusflag - CONVIRT

XCONVIRT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	22	0.54	22	0.54
C Analyst corrected a cell that was blank	9	0.22	31	0.76
I Imputation for a cell that was a nonresponse, using a method other than prior year	1049	25.74	1080	26.50
N Original data field was blank	338	8.29	1418	34.79
R Original data value was reported	2280	55.94	3698	90.73
Z Implied reported zero value	378	9.27	4076	100.00

Statusflag - TOTCON

XTOTCON	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	36	0.88	36	0.88
C Analyst corrected a cell that was blank	13	0.32	49	1.20
I Imputation for a cell that was a nonresponse, using a method other than prior year	999	24.51	1048	25.71
N Original data field was blank	334	8.19	1382	33.91
R Original data value was reported	2528	62.02	3910	95.93
Z Implied reported zero value	166	4.07	4076	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag - TOTSERIN

XTOTSERIN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	83	2.04	83	2.04
C Analyst corrected a cell that was blank	57	1.40	140	3.43
I Imputation for a cell that was a nonresponse, using a method other than prior year	240	5.89	380	9.32
N Original data field was blank	334	8.19	714	17.52
P Imputation for a cell that previously was a nonresponse, using prior year data	568	13.94	1282	31.45
R Original data value was reported	2763	67.79	4045	99.24
T Total replaced with sum of detail during imputations	31	0.76	4076	100.00

Statusflag - HOURS

XHOURS	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	7	0.17	7	0.17
C Analyst corrected a cell that was blank	7	0.17	14	0.34
I Imputation for a cell that was a nonresponse, using a method other than prior year	64	1.57	78	1.91
N Original data field was blank	331	8.12	409	10.03
P Imputation for a cell that previously was a nonresponse, using prior year data	523	12.83	932	22.87
R Original data value was reported	3144	77.13	4076	100.00

Statusflag - GATECT

XGATECT	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	15	0.37	15	0.37
C Analyst corrected a cell that was blank	8	0.20	23	0.56
I Imputation for a cell that was a nonresponse, using a method other than prior year	289	7.09	312	7.65
N Original data field was blank	335	8.22	647	15.87
P Imputation for a cell that previously was a nonresponse, using prior year data	421	10.33	1068	26.20
R Original data value was reported	2991	73.38	4059	99.58
S Not applicable, not imputed	17	0.42	4076	100.00

Statusflag - DOCDIGYN

XDOCDIGYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	1	0.02	1	0.02
C Analyst corrected a cell that was blank	6	0.15	7	0.17
N Original data field was blank	906	22.23	913	22.40
R Original data value was reported	3163	77.60	4076	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Documents Digitized by the Library Staff

DOCDIGYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	1534	37.63	1534	37.63
2 No	1636	40.14	3170	77.77
N No response	906	22.23	4076	100.00

Statusflag - LIBREFYN

XLIBREFYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
C Analyst corrected a cell that was blank	5	0.12	5	0.12
N Original data field was blank	906	22.23	911	22.35
R Original data value was reported	3165	77.65	4076	100.00

Library Reference Service by E-mail or the Web

LIBREFYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	2850	69.92	2850	69.92
2 No	320	7.85	3170	77.77
N No response	906	22.23	4076	100.00

Statusflag - TECHYN

XTECHYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	1	0.02	1	0.02
C Analyst corrected a cell that was blank	7	0.17	8	0.20
N Original data field was blank	907	22.25	915	22.45
R Original data value was reported	3161	77.55	4076	100.00

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

TECHYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	2030	49.80	2030	49.80
2 No	1139	27.94	3169	77.75
N No response	907	22.25	4076	100.00

Statusflag - THESYN

XTHESYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
C Analyst corrected a cell that was blank	6	0.15	6	0.15
N Original data field was blank	906	22.23	912	22.37
R Original data value was reported	3164	77.63	4076	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Electronic Theses and Dissertations Produced by Your Students

THESYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	635	15.58	635	15.58
2 No	2535	62.19	3170	77.77
N No response	906	22.23	4076	100.00

Statusflag - INFLITDEFYN

XINFLITDEFYN	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	9	0.22	11	0.27
N Original data field was blank	927	22.74	938	23.01
R Original data value was reported	3138	76.99	4076	100.00

Definition of Information Literacy or of an Information Literate Student

INFLITDEFYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	1901	46.64	1901	46.64
2 No	1248	30.62	3149	77.26
N Nonresponse	927	22.74	4076	100.00

Statusflag - INFLITMISYN

XINFLITMISYN	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	9	0.22	11	0.27
N Original data field was blank	929	22.79	940	23.06
R Original data value was reported	3136	76.94	4076	100.00

Incorporated Information Literacy in the Institution's Mission

INFLITMISYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	1239	30.40	1239	30.40
2 No	1908	46.81	3147	77.21
N Nonresponse	929	22.79	4076	100.00

Statusflag - INFLITPLNYN

XINFLITPLNYN	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	9	0.22	11	0.27
N Original data field was blank	926	22.72	937	22.99
R Original data value was reported	3139	77.01	4076	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Incorporated Information Literacy in the Institution's Strategic Plan

INFLITPLNYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	1236	30.32	1236	30.32
2 No	1914	46.96	3150	77.28
N Nonresponse	926	22.72	4076	100.00

Statusflag - INFLITCOMYN

XINFLITCOMYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
C Analyst corrected a cell that was blank	5	0.12	5	0.12
N Original data field was blank	928	22.77	933	22.89
R Original data value was reported	1229	30.15	2162	53.04
S Not applicable, not imputed	1914	46.96	4076	100.00

Campus-Wide Committee to Implement the Strategic Plan for Information Literacy

INFLITCOMYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	757	18.57	757	18.57
2 No	477	11.70	1234	30.27
N Nonresponse	928	22.77	2162	53.04
S Not applicable	1914	46.96	4076	100.00

Statusflag - INFLITLIBYN

XINFLITLIBYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
C Analyst corrected a cell that was blank	5	0.12	5	0.12
N Original data field was blank	930	22.82	935	22.94
R Original data value was reported	1227	30.10	2162	53.04
S Not applicable, not imputed	1914	46.96	4076	100.00

The Strategic Plan Formally Recognizes the Library's Role in Information Literacy Instruction

INFLITLIBYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	976	23.95	976	23.95
2 No	256	6.28	1232	30.23
N Nonresponse	930	22.82	2162	53.04
S Not applicable	1914	46.96	4076	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

Statusflag - SUPPVIRTYN

XSUPPVIRTYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
A Analyst adjusted a reported value	35	0.86	35	0.86
C Analyst corrected a cell that was blank	7	0.17	42	1.03
N Original data field was blank	912	22.37	954	23.41
R Original data value was reported	3122	76.59	4076	100.00

Library Supports Virtual Reference Services

SUPPVIRTYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	2689	65.97	2689	65.97
2 No	475	11.65	3164	77.63
N No response	912	22.37	4076	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	23	0.56	24	0.59
N Original data field was blank	922	22.62	946	23.21
R Original data value was reported	2655	65.14	3601	88.35
S Not applicable, not imputed	475	11.65	4076	100.00

Library Utilizes E-mail Reference

EMAILREFYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	2596	63.69	2596	63.69
2 No	83	2.04	2679	65.73
N No response	922	22.62	3601	88.35
S Not applicable	475	11.65	4076	100.00

Statusflag - COMSERYN

XCOMSERYN	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	21	0.52	22	0.54
N Original data field was blank	928	22.77	950	23.31
R Original data value was reported	2651	65.04	3601	88.35
S Not applicable, not imputed	475	11.65	4076	100.00

Appendix D—Categorical Variable Frequencies on Academic Libraries Survey: 2010

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

COMSERYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	769	18.87	769	18.87
2 No	1904	46.71	2673	65.58
N No response	928	22.77	3601	88.35
S Not applicable	475	11.65	4076	100.00

Statusflag - INSTMESYN

XINSTMESYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
C Analyst corrected a cell that was blank	21	0.52	21	0.52
N Original data field was blank	929	22.79	950	23.31
R Original data value was reported	2651	65.04	3601	88.35
S Not applicable, not imputed	475	11.65	4076	100.00

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

INSTMESYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	1195	29.32	1195	29.32
2 No	1477	36.24	2672	65.55
N No response	929	22.79	3601	88.35
S Not applicable	475	11.65	4076	100.00

Statusflag - SORTMESYN

XSORTMESYN	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	21	0.52	22	0.54
N Original data field was blank	929	22.79	951	23.33
R Original data value was reported	2650	65.01	3601	88.35
S Not applicable, not imputed	475	11.65	4076	100.00

Library Utilizes Short Message Service (SMS) or Text Messaging

SORTMESYN	Frequency	Percent	Cumulative Frequency	Cumulative Percent
1 Yes	592	14.52	592	14.52
2 No	2080	51.03	2672	65.55
N No response	929	22.79	3601	88.35
S Not applicable	475	11.65	4076	100.00

Appendix E

Crosswalk of Data Items/Variables between 2008 and 2010 Academic Library Survey

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**Appendix E—Crosswalk of Data Items/Variables between the 2008 and 2010
Academic Libraries Surveys**

Item	2010		2008	
	Variable	Item No.	Variable	Item No.
Library expenditures	ELGEXP	a.	New in 2010	
Organized collection	ELGCOLL	b.	ELGCOLL	a.
Trained staff	ELGSTAFF	c.	ELGSTAFF	b.
Established schedule	ELGSCHED	d.	ELGSCHED	c.
Physical facilities	ELGPHYS	e.	ELGPHYS	d.
Outlets, FY 2010				
Branch and independent libraries	BRANCHES	100	BRANCHES	100
Library Staff, Fall 2010				
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 2010				
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 2010				
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
Bibliographic 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 2010				
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	COLSERA	404	COLSERA	404

**Appendix E—Crosswalk of Data Items/Variables between the 2008 and 2010
Academic Libraries Surveys**

Item	2010		2008	
	Variable	Item No.	Variable	Item No.
Current serial subscriptions – held	COLSERH	404	COLSERH	404
Electronic reference – added	COLELREFA	405	COLELREFA	405
Electronic reference – held	COLELREFH	405	COLELREFH	405
Library collection entirely electronic – Y/N	COLELYN	406	COLELYN	406
Library Services, FY 2010				
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 2010				
Presentations	PRESEN	509	New in 2010	
Total attendance	ATTEND	510	New in 2010	
Reference (under 20 minutes) – In-person	REFPERS	511	New in 2010	
Reference (under 20 minutes) – Virtual	REFVIRT	512	New in 2010	
Total reference	TOTREF	513	New in 2010	
Consultations (20 minutes or more) – In-person	CONPERS	514	New in 2010	
Consultations (20 minutes or more) – Virtual	CONVIRT	515	New in 2010	
Total consultations	TOTCON	516	New in 2010	
Total information services	TOTSERIN	517	REFTRANS (weekly figure)	602
Library Services, Typical Week, Fall 2010				
Hours open	HOURS	600	HOURS	600
Gate count	GATECT	601	GATECT	601
Reference transactions	Moved to 517 and annual figure		REFTRANS	602
Electronic Services, FY 2010				
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 2010				
Definition of information literacy – Y/N	INFLITDEFYN	800	INFLITDEFYN	800
Incorporated info literacy in mission – Y/N	INFLITMISYN	801	INFLITMISYN	801
Incorporated info literacy in plan – Y/N	INFLITPLNYN	802	INFLITPLNYN	802
Committee to implement plan – Y/N	INFLITCOMYN	803	INFLITCOMYN	803
Plan has formal library role – Y/N	INFLITLIBYN	804	INFLITLIBYN	804
Virtual Reference, FY 2010				
Library support virtual reference services –Y/N	SUPPVIRTYN	900	New in 2010	
E-mail reference–Y/N	EMAILREFYN	901	New in 2010	
Chat reference, commercial service–Y/N	COMSERYN	902	New in 2010	
Chat reference, instant messaging application–Y/N	INSTMESYN	903	New in 2010	
Short Message Service (SMS) or text messaging–Y/N	SORTMESYN	904	New in 2010	

Appendix F
2010 Response Rate Tables

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Appendix F—ALS 2010 Response Rate Tables

Table F-1. Number and percentage of responding academic libraries, by level, control of institution, and item: 2010

	Total post-secondary degree granting institutions		4-year institutions								Less than 4-year		Public		Private	
			Total 4-year institutions		Highest level of degree											
	Total res-ponding	Percent	Total res-ponding	Percent	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	3,689	100.0	2,363	100.0	821	100.0	833	100.0	709	100.0	1,326	100.0	1,559	100.0	2,130	100.0
Responding libraries	3,177	86.1	2,057	87.1	757	92.2	758	91.0	542	76.4	1,120	84.5	1,483	95.1	1,694	79.5
Library staff																
Number of FTEs																
Librarians	3,126	84.7	2,028	85.8	745	90.7	747	89.7	536	75.6	1,098	82.8	1,474	94.5	1,652	77.6
Other professional staff	3,128	84.8	2,028	85.8	745	90.7	748	89.8	535	75.5	1,100	83.0	1,475	94.6	1,653	77.6
Total librarians and other professional staff	3,128	84.8	2,030	85.9	748	91.1	747	89.7	535	75.5	1,098	82.8	1,476	94.7	1,652	77.6
All other paid staff	3,124	84.7	2,028	85.8	747	91.0	747	89.7	534	75.3	1,096	82.7	1,473	94.5	1,651	77.5
Student assistants	3,099	84.0	2,015	85.3	741	90.3	744	89.3	530	74.8	1,084	81.7	1,461	93.7	1,638	76.9
Total FTE staff	3,097	84.0	2,013	85.2	740	90.1	744	89.3	529	74.6	1,084	81.7	1,462	93.8	1,635	76.8
Salaries and Wages																
Total librarians and other professional staff	2,971	80.5	1,936	81.9	729	88.8	712	85.5	495	69.8	1,035	78.1	1,437	92.2	1,534	72.0
All other paid staff	3,046	82.6	1,971	83.4	731	89.0	724	86.9	516	72.8	1,075	81.1	1,454	93.3	1,592	74.7
Student assistants	2,946	79.9	1,923	81.4	722	87.9	711	85.4	490	69.1	1,023	77.1	1,415	90.8	1,531	71.9
Total salaries and wages	2,895	78.5	1,897	80.3	719	87.6	701	84.2	477	67.3	998	75.3	1,408	90.3	1,487	69.8
Employee fringe benefits	3,095	83.9	2,008	85.0	737	89.8	744	89.3	527	74.3	1,087	82.0	1,467	94.1	1,628	76.4
Library expenditures																
Total salaries and wages	2,895	78.5	1,897	80.3	719	87.6	701	84.2	477	67.3	998	75.3	1,408	90.3	1,487	69.8
Information resources:																
Books, serial backfiles, and other materials																
Electronic	2,700	73.2	1,757	74.4	671	81.7	641	77.0	445	62.8	943	71.1	1,335	85.6	1,365	64.1
Audiovisual	2,824	76.6	1,823	77.1	658	80.1	692	83.1	473	66.7	1,001	75.5	1,369	87.8	1,455	68.3
Current serials	3,028	82.1	1,974	83.5	736	89.6	734	88.1	504	71.1	1,054	79.5	1,451	93.1	1,577	74.0
Electronic serials	2,778	75.3	1,817	76.9	686	83.6	685	82.2	446	62.9	961	72.5	1,360	87.2	1,418	66.6
Other information resources:																
Document delivery/interlibrary loan	3,027	82.1	1,972	83.5	737	89.8	730	87.6	505	71.2	1,055	79.6	1,445	92.7	1,582	74.3
Preservation	3,026	82.0	1,969	83.3	735	89.5	731	87.8	503	70.9	1,057	79.7	1,444	92.6	1,582	74.3
Other expenditures for information resources	3,013	81.7	1,963	83.1	734	89.4	730	87.6	499	70.4	1,050	79.2	1,442	92.5	1,571	73.8
Operating expenditures																
Computer hardware and software	3,024	82.0	1,969	83.3	736	89.6	730	87.6	503	70.9	1,055	79.6	1,447	92.8	1,577	74.0
Bibliographic utilities, networks, and consortia	3,029	82.1	1,978	83.7	739	90.0	733	88.0	506	71.4	1,051	79.3	1,447	92.8	1,582	74.3
All other operating expenditures	3,013	81.7	1,967	83.2	737	89.8	727	87.3	503	70.9	1,046	78.9	1,447	92.8	1,566	73.5
Total expenditures	2,853	77.3	1,869	79.1	708	86.2	692	83.1	469	66.1	984	74.2	1,392	89.3	1,461	68.6

See notes at end of table.

Appendix F—ALS 2010 Response Rate Tables

Table F-1. Number and percentage of responding academic libraries, by level, control of institution, and item: 2010—Continued

	Total post-secondary degree granting institutions		4-year institutions								Less than 4-year		Public		Private	
			Total 4-year institutions		Highest level of degree						Total res-ponding	Percent	Total res-ponding	Percent	Total res-ponding	Percent
	Total res-ponding	Percent	Doctor's		Master's		Bachelor's									
			Total res-ponding	Percent	Total res-ponding	Percent	Total res-ponding	Percent	Total res-ponding	Percent						
Library collections																
Library collection entirely electronic	3,147	85.3	2,046	86.6	755	92.0	755	90.6	536	75.6	1,101	83.0	1,463	93.8	1,684	79.1
Books, serial backfiles, and other paper materials, added	3,038	82.4	1,990	84.2	736	89.6	736	88.4	518	73.1	1,048	79.0	1,431	91.8	1,607	75.4
Books, serial backfiles, and other paper materials, EOFY	3,071	83.2	2,012	85.1	745	90.7	744	89.3	523	73.8	1,059	79.9	1,441	92.4	1,630	76.5
E-Books, added	2,909	78.9	1,913	81.0	702	85.5	717	86.1	494	69.7	996	75.1	1,376	88.3	1,533	72.0
E-Books, EOFY	2,945	79.8	1,945	82.3	719	87.6	723	86.8	503	70.9	1,000	75.4	1,397	89.6	1,548	72.7
Microforms, added	2,911	78.9	1,920	81.3	710	86.5	713	85.6	497	70.1	991	74.7	1,379	88.5	1,532	71.9
Microforms, EOFY	2,933	79.5	1,941	82.1	718	87.5	720	86.4	503	70.9	992	74.8	1,400	89.8	1,533	72.0
Audiovisual materials, added	2,979	80.8	1,951	82.6	716	87.2	727	87.3	508	71.7	1,028	77.5	1,411	90.5	1,568	73.6
Audiovisual materials, EOFY	3,017	81.8	1,983	83.9	734	89.4	735	88.2	514	72.5	1,034	78.0	1,421	91.1	1,596	74.9
Current serial subscriptions, added	2,921	79.2	1,895	80.2	693	84.4	701	84.2	501	70.7	1,026	77.4	1,385	88.8	1,536	72.1
Current serial subscriptions, EOFY	2,984	80.9	1,954	82.7	720	87.7	720	86.4	514	72.5	1,030	77.7	1,403	90.0	1,581	74.2
Electronic reference sources, added	2,793	75.7	1,825	77.2	663	80.8	686	82.4	476	67.1	968	73.0	1,330	85.3	1,463	68.7
Electronic reference sources, EOFY	2,893	78.4	1,885	79.8	690	84.0	703	84.4	492	69.4	1,008	76.0	1,365	87.6	1,528	71.7
Library services																
Interlibrary loans provided																
Returnable	3,032	82.2	1,978	83.7	723	88.1	736	88.4	519	73.2	1,054	79.5	1,431	91.8	1,601	75.2
Non-returnable	3,031	82.2	1,978	83.7	723	88.1	736	88.4	519	73.2	1,053	79.4	1,431	91.8	1,600	75.1
Total provided	3,063	83.0	2,004	84.8	744	90.6	738	88.6	522	73.6	1,059	79.9	1,444	92.6	1,619	76.0
Interlibrary loans received																
Returnable	3,035	82.3	1,980	83.8	723	88.1	736	88.4	521	73.5	1,055	79.6	1,431	91.8	1,604	75.3
Non-returnable	3,034	82.2	1,979	83.7	722	87.9	736	88.4	521	73.5	1,055	79.6	1,431	91.8	1,603	75.3
Documents delivered from commercial services																
Total received	3,038	82.4	1,984	84.0	726	88.4	736	88.4	522	73.6	1,054	79.5	1,430	91.7	1,608	75.5
General circulation transactions	3,076	83.4	2,007	84.9	743	90.5	741	89.0	523	73.8	1,069	80.6	1,449	92.9	1,627	76.4
Reserve circulation transactions	2,943	79.8	1,924	81.4	707	86.1	720	86.4	497	70.1	1,019	76.8	1,407	90.3	1,536	72.1
Number of presentations	3,070	83.2	2,005	84.8	740	90.1	743	89.2	522	73.6	1,065	80.3	1,447	92.8	1,623	76.2
Total attendance at all presentations	3,060	82.9	1,998	84.6	739	90.0	739	88.7	520	73.3	1,062	80.1	1,445	92.7	1,615	75.8
Services to Individuals																
In-person Reference	2,555	69.3	1,686	71.3	633	77.1	615	73.8	438	61.8	869	65.5	1,224	78.5	1,331	62.5
Virtual Reference	2,574	69.8	1,685	71.3	626	76.2	615	73.8	444	62.6	889	67.0	1,229	78.8	1,345	63.1
Total Reference	2,683	72.7	1,752	74.1	660	80.4	636	76.4	456	64.3	931	70.2	1,270	81.5	1,413	66.3
In-person Consultations	2,605	70.6	1,711	72.4	645	78.6	619	74.3	447	63.0	894	67.4	1,249	80.1	1,356	63.7
Virtual Consultations	2,640	71.6	1,723	72.9	641	78.1	627	75.3	455	64.2	917	69.2	1,260	80.8	1,380	64.8
Total Consultations	2,690	72.9	1,757	74.4	662	80.6	638	76.6	457	64.5	933	70.4	1,274	81.7	1,416	66.5
Total services to individuals	2,850	77.3	1,876	79.4	712	86.7	678	81.4	486	68.5	974	73.5	1,347	86.4	1,503	70.6

See notes at end of table.

Appendix F—ALS 2010 Response Rate Tables

Table F-1. Number and percentage of responding academic libraries, by level, control of institution, and item: 2010—Continued

	Total post-secondary degree granting institutions		4-year institutions									Less than 4-year		Public		Private	
			Total 4-year institutions		Highest level of degree						Total res-ponding	Percent	Total res-ponding	Percent	Total res-ponding	Percent	
	Total res-ponding	Percent	Doctor's		Master's		Bachelor's										
			Total res-ponding	Percent	Total res-ponding	Percent	Total res-ponding	Percent	Total res-ponding	Percent							
Library services, typical week																	
Hours open, typical week	3,102	84.1	2,025	85.7	750	91.4	747	89.7	528	74.5	1,077	81.2	1,455	93.3	1,647	77.3	
Gate count, typical week	2,979	80.8	1,933	81.8	717	87.3	710	85.2	506	71.4	1,046	78.9	1,416	90.8	1,563	73.4	
Electronic services																	
Library services provided:																	
Documents digitized by library staff	3,114	84.4	2,029	85.9	755	92.0	744	89.3	530	74.8	1,085	81.8	1459.0	93.6	1655.0	77.7	
Library reference service by e-mail or Web	3,114	84.4	2,029	85.9	755	92.0	744	89.3	530	74.8	1,085	81.8	1459.0	93.6	1655.0	77.7	
Technology to assist patrons with disabilities	3,113	84.4	2,029	85.9	755	92.0	744	89.3	530	74.8	1,084	81.7	1459.0	93.6	1654.0	77.7	
Electronic theses and dissertations produced by students	3,114	84.4	2,029	85.9	755	92.0	744	89.3	530	74.8	1,085	81.8	1459.0	93.6	1655.0	77.7	
Information Literacy																	
Definition of information literacy or of an information literate student	3,093	83.8	2,017	85.4	751	91.5	744	89.3	522	73.6	1,076	81.1	1454.0	93.3	1639.0	76.9	
Incorporated information literacy into the institution's mission	3,091	83.8	2,016	85.3	750	91.4	744	89.3	522	73.6	1,075	81.1	1453.0	93.2	1638.0	76.9	
Incorporated information literacy into the institution's strategic plan	3,094	83.9	2,017	85.4	750	91.4	744	89.3	523	73.8	1,077	81.2	1455.0	93.3	1639.0	76.9	
Institution-wide committee to implement the strategic plan for information literacy	3,092	83.8	2,016	85.3	750	91.4	743	89.2	523	73.8	1,076	81.1	1455.0	93.3	1637.0	76.9	
The strategic plan formally recognizes the library's role in information literacy instruction	3,091	83.8	2,015	85.3	750	91.4	742	89.1	523	73.8	1,076	81.1	1454.0	93.3	1637.0	76.9	
Virtual Reference																	
Library supports virtual reference	3,107	84.2	2,025	85.7	754	91.8	744	89.3	527	74.3	1,082	81.6	1459.0	93.6	1648.0	77.4	
Library utilizes e-mail reference	3,097	84.0	2,022	85.6	752	91.6	743	89.2	527	74.3	1,075	81.1	1455.0	93.3	1642.0	77.1	
Library utilizes chat reference, commercial services	3,091	83.8	2,018	85.4	751	91.5	741	89.0	526	74.2	1,073	80.9	1453.0	93.2	1638.0	76.9	
Library utilizes chat reference, instant messaging	3,090	83.8	2,018	85.4	751	91.5	741	89.0	526	74.2	1,072	80.8	1452.0	93.1	1638.0	76.9	
Library utilizes short message service	3,090	83.8	2,018	85.4	751	91.5	741	89.0	526	74.2	1,072	80.8	1452.0	93.1	1638.0	76.9	

NOTE: EOFY = Held at end of fiscal year.

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey, 2010.

Appendix F—ALS 2010 Response Rate Tables

Table F-2. Number and percentage of non-responding academic libraries, by level, control of institution, and state and jurisdiction: 2010

State	Total postsecondary degree-granting institutions		4-year institutions									Less than 4-year		Public		Priv
			Total 4-year institutions		Highest level of degree						Number	Percent	Number	Percent	Number	
	Number	Percent	Doctor's		Master's		Bachelor's									
			Number	Percent	Number	Percent	Number	Percent	Number	Percent						
United States	512	13.9	306	12.9	64	7.8	75	9.0	167	23.6	206	15.5	76	4.9	436	
Alabama	4	6.1	4	10.0	0	0.0	0	0.0	4	30.8	0	0.0	0	0.0	4	
Alaska	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	
Arizona	15	25.9	11	33.3	0	0.0	3	50.0	8	44.4	4	16.0	2	8.3	13	
Arkansas	4	8.9	3	13.6	0	0.0	0	0.0	3	33.3	1	4.3	1	3.0	3	
California	73	21.2	40	21.4	10	12.3	12	19.0	18	41.9	33	20.9	15	10.3	58	
Colorado	8	13.8	7	20.0	0	0.0	0	0.0	7	41.2	1	4.3	0	0.0	8	
Connecticut	2	5.0	0	0.0	0	0.0	0	0.0	0	0.0	2	13.3	1	5.6	1	
Delaware	3	30.0	2	33.3	1	25.0	1	50.0	0	0.0	1	25.0	1	20.0	2	
District of Columbia	3	18.8	3	18.8	1	11.1	2	33.3	0	0.0	0	0.0	1	50.0	2	
Florida	34	22.4	21	18.9	1	4.3	9	20.5	11	25.0	13	31.7	0	0.0	34	
Georgia	14	12.7	5	7.7	0	0.0	1	4.3	4	16.7	9	20.0	2	3.2	12	
Hawaii	2	15.4	0	0.0	0	0.0	0	0.0	0	0.0	2	33.3	1	12.5	1	
Idaho	2	15.4	2	20.0	0	0.0	1	50.0	1	20.0	0	0.0	0	0.0	2	
Illinois	17	11.0	13	13.1	3	6.8	0	0.0	10	31.3	4	7.1	1	1.7	16	
Indiana	6	7.3	5	8.1	2	11.1	1	4.5	2	9.1	1	5.0	0	0.0	6	
Iowa	7	12.1	7	17.1	0	0.0	3	18.8	4	26.7	0	0.0	0	0.0	7	
Kansas	5	8.6	3	9.7	0	0.0	1	9.1	2	15.4	2	7.4	2	6.7	3	
Kentucky	13	19.1	6	14.6	2	15.4	0	0.0	4	26.7	7	25.9	2	8.3	11	
Louisiana	9	18.4	3	10.3	0	0.0	1	10.0	2	40.0	6	30.0	2	6.9	7	
Maine	1	3.4	1	5.3	0	0.0	0	0.0	1	12.5	0	0.0	1	6.7	0	
Maryland	9	16.4	7	19.4	3	21.4	2	11.1	2	50.0	2	10.5	4	13.3	5	
Massachusetts	12	10.3	8	8.4	4	10.8	2	5.4	2	9.5	4	18.2	1	3.3	11	
Michigan	11	12.5	6	10.7	1	4.3	2	10.5	3	21.4	5	15.6	2	4.5	9	
Minnesota	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	
Mississippi	3	8.8	1	5.9	1	14.3	0	0.0	0	0.0	2	11.8	2	8.3	1	
Missouri	15	13.9	14	18.4	3	11.1	1	4.3	10	38.5	1	3.1	1	2.9	14	
Montana	1	5.0	0	0.0	0	0.0	0	0.0	0	0.0	1	10.0	0	0.0	1	
Nebraska	5	13.5	5	19.2	0	0.0	2	14.3	3	50.0	0	0.0	0	0.0	5	
Nevada	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	
New Hampshire	3	12.0	2	11.1	1	14.3	0	0.0	1	14.3	1	14.3	1	10.0	2	

See notes at end of table.

Appendix F—ALS 2010 Response Rate Tables

Table F-2. Number and percentage of non-responding academic libraries, by level, control of institution, and state and jurisdiction: 2010—Continued

State	Total postsecondary degree-granting institutions		4-year institutions									Less than 4-year		Public		Private	
			Total 4-year institutions		Highest level of degree						Number	Percent	Number	Percent	Number	Percent	
	Number	Percent	Doctor's		Master's		Bachelor's										
			Number	Percent	Number	Percent	Number	Percent	Number	Percent							
New Jersey	7	12.3	5	13.9	1	5.9	1	7.7	3	50.0	2	9.5	2	6.3	5	20.0	
New Mexico	6	17.6	4	26.7	0	0.0	1	14.3	3	60.0	2	10.5	3	11.1	3	42.9	
New York	51	18.9	40	20.1	15	20.3	11	13.6	14	31.8	11	15.5	3	3.8	48	25.3	
North Carolina	3	2.3	3	4.5	0	0.0	0	0.0	3	10.3	0	0.0	0	0.0	3	5.3	
North Dakota	1	5.3	1	8.3	1	33.3	0	0.0	0	0.0	0	0.0	1	7.1	0	0.0	
Ohio	32	19.9	15	15.2	3	10.7	5	11.1	7	26.9	17	27.4	8	16.0	24	21.6	
Oklahoma	5	10.4	3	9.1	1	9.1	0	0.0	2	22.2	2	13.3	3	10.3	2	10.5	
Oregon	6	11.8	4	12.1	1	8.3	1	7.1	2	28.6	2	11.1	2	8.0	4	15.4	
Pennsylvania	35	19.1	8	6.5	2	4.2	6	11.8	0	0.0	27	45.8	2	5.9	33	22.1	
Rhode Island	1	7.7	0	0.0	0	0.0	0	0.0	0	0.0	1	50.0	0	0.0	1	10.0	
South Carolina	9	13.2	4	9.5	0	0.0	1	5.6	3	20.0	5	19.2	4	12.1	5	14.3	
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	9	10.7	5	8.3	1	5.3	0	0.0	4	19.0	4	16.7	0	0.0	9	14.5	
Texas	32	15.7	12	11.7	2	3.7	3	12.5	7	28.0	20	19.8	1	1.0	31	30.7	
Utah	3	11.1	3	14.3	0	0.0	0	0.0	3	30.0	0	0.0	0	0.0	3	16.7	
Vermont	1	5.0	0	0.0	0	0.0	0	0.0	0	0.0	1	100.0	0	0.0	1	6.7	
Virginia	15	15.8	9	14.3	2	8.3	0	0.0	7	26.9	6	18.8	2	5.1	13	23.2	
Washington	3	4.5	3	7.7	1	8.3	0	0.0	2	14.3	0	0.0	0	0.0	3	12.0	
West Virginia	3	9.4	1	4.0	0	0.0	0	0.0	1	12.5	2	28.6	0	0.0	3	17.6	
Wisconsin	9	13.2	7	13.7	1	7.1	2	8.7	4	28.6	2	11.8	2	6.7	7	18.4	
Wyoming	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	

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

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey, 2010.

Appendix F—ALS 2010 Response Rate Tables

Table F-3. Total number of academic libraries, by level, control of institution, and state and jurisdiction: 2010

State	Total postsecondary degree-granting institutions	4-year institutions				Less than 4-year	Public	Private
		Total 4-year institutions	Highest level of degree					
			Doctor's	Master's	Bachelor's			
United States	3,689	2,363	821	833	709	1,326	1,559	2,130
Alabama	66	40	14	13	13	26	39	27
Alaska	5	3	1	2	0	2	5	0
Arizona	58	33	9	6	18	25	24	34
Arkansas	45	22	6	7	9	23	33	12
California	345	187	81	63	43	158	146	199
Colorado	58	35	12	6	17	23	26	32
Connecticut	40	25	10	10	5	15	18	22
Delaware	10	6	4	2	0	4	5	5
District of Columbia	16	16	9	6	1	0	2	14
Florida	152	111	23	44	44	41	41	111
Georgia	110	65	18	23	24	45	63	47
Hawaii	13	7	2	3	2	6	8	5
Idaho	13	10	3	2	5	3	7	6
Illinois	155	99	44	23	32	56	60	95
Indiana	82	62	18	22	22	20	28	54
Iowa	58	41	10	16	15	17	19	39
Kansas	58	31	7	11	13	27	30	28
Kentucky	68	41	13	13	15	27	24	44
Louisiana	49	29	14	10	5	20	29	20
Maine	29	19	5	6	8	10	15	14
Maryland	55	36	14	18	4	19	30	25
Massachusetts	117	95	37	37	21	22	30	87
Michigan	88	56	23	19	14	32	44	44
Minnesota	99	67	21	15	31	32	42	57
Mississippi	34	17	7	8	2	17	24	10
Missouri	108	76	27	23	26	32	34	74
Montana	20	10	2	5	3	10	15	5
Nebraska	37	26	6	14	6	11	15	22
Nevada	12	9	3	1	5	3	7	5
New Hampshire	25	18	7	4	7	7	10	15

See notes at end of table.

Appendix F—ALS 2010 Response Rate Tables

Table F-3. Total number of academic libraries, by level, control of institution, and state and jurisdiction: 2010—Continued

State	Total postsecondary degree-granting institutions	4-year institutions				Less than 4-year	Public	Private
		Total 4-year institutions	Highest level of degree					
			Doctor's	Master's	Bachelor's			
New Jersey	57	36	17	13	6	21	32	25
New Mexico	34	15	3	7	5	19	27	7
New York	270	199	74	81	44	71	80	190
North Carolina	132	67	20	18	29	65	75	57
North Dakota	19	12	3	2	7	7	14	5
Ohio	161	99	28	45	26	62	50	111
Oklahoma	48	33	11	13	9	15	29	19
Oregon	51	33	12	14	7	18	25	26
Pennsylvania	183	124	48	51	25	59	34	149
Rhode Island	13	11	6	4	1	2	3	10
South Carolina	68	42	9	18	15	26	33	35
South Dakota	22	17	4	11	2	5	12	10
Tennessee	84	60	19	20	21	24	22	62
Texas	204	103	54	24	25	101	103	101
Utah	27	21	3	8	10	6	9	18
Vermont	20	19	3	12	4	1	5	15
Virginia	95	63	24	13	26	32	39	56
Washington	66	39	12	13	14	27	41	25
West Virginia	32	25	6	11	8	7	15	17
Wisconsin	68	51	14	23	14	17	30	38
Wyoming	10	2	1	0	1	8	8	2

SOURCE: U.S. Department of Education, National Center for Education Statistics, Academic Libraries Survey, 2010.

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Appendix G

**Academic Libraries Survey's Nonresponse Bias Study
for FY 2000 through FY 2008
by Joanna Fane Lineback
Chief, Response and Measurement Staff
U.S. Census Bureau**

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Appendix G—ALS Nonresponse Bias Study

1. Introduction

The Office of Management and Budget (OMB) directs survey programs to evaluate potential nonresponse bias if a survey's unit response rate (URR) falls below 80% (Graham, 2006). The Census Bureau's economic area requires a nonresponse bias study if a program's total quantity response rate (TQRR) for a key statistic falls below 70% (U.S. Census Bureau Statistical Quality Standards, 2010). National Center for Education Statistics (NCES) Standard 4-4-1 calls for nonresponse bias analysis for any survey program with a URR or item response rate (IRR) less than 85% (NCES Statistical Standards, 2002).

The Academic Libraries Survey (ALS) is an NCES sponsored program. An academic library is the library associated with a degree-granting institution of higher education. ALS data are collected biennially for all of the roughly 3,800 degree-granting postsecondary institutions. The data provide an overview of academic libraries nationwide and by state. (For more information on the ALS, visit the following site: <http://nces.ed.gov/surveys/libraries/academic.asp>.) Based on 2008 ALS publication tables, the survey program URR is above 85%, but numerous IRRs are below 85% (Academic Libraries: 2008 First Look, 2010). Therefore, based on NCES statistical standards, a nonresponse bias study is required.

This study was limited to a preliminary analysis of response rates to help uncover areas where we would recommend directing a future, more extensive nonresponse bias study. The research was divided into the following components:

1. For the five most recent survey cycles², calculate the URR overall (for the survey program) and by publication cell.^{3,4}
2. For the five most recent survey cycles and for all survey items, calculate the IRR and the TQRR.
3. Identify chronic unit nonrespondents.

The URR was calculated using both the Census Bureau and NCES standard URR formulas. The IRR was calculated using the standard NCES formula. The TQRR was calculated for non-yes/no data items using the Census Bureau economic area standard formula. Low response rates may indicate areas to target future nonresponse bias analysis. Chronic nonrespondents were defined as those institutions that did not respond for survey cycles 2006, 2008, and 2000, 2002, or 2004. The list of chronic nonrespondents was sent separately to analysts to avoid any disclosure issues. Eighty-three chronic nonrespondents were identified. Analysts plan direct intervention for chronic nonrespondents.

² The five most recent cycles are 2000, 2002, 2004, 2006, and 2008.

³ We did not calculate response rates by imputation cell, because imputation cells change with each survey cycle.

⁴ The data are published by control (i.e., public or private), level (i.e., highest level of any degree offered by the institution), size (based on full-time enrollment), and Carnegie classification (similar to level, but more detailed and based on additional criteria).

Appendix G—ALS Nonresponse Bias Study

The remainder of this report is divided into four sections. Section 2 is a discussion of the response rate standards and formulas used for research. Section 3 details findings. Section 4 provides recommendations. Section 5 includes our conclusions.

2. Response Rate Formulas

The following NCES and Census Bureau standard response rate formulas were used for this study.⁵

2a. NCES

NCES Statistical Standard 1-3 provides standard response rate formulas.

The URR is defined as

where

I is the weighted number of completed interviews,

F is the weighted number of refused interview cases,

O is the weighted number of eligible sample units not responding for reasons other than refusal,

NC is the weighted number of noncontacted sample units known to be eligible,

K is the weighted number of sample units of unknown eligibility, with no interview, and

e is the estimated proportion of sample units of unknown eligibility that are eligible.

See NCES Statistical Standard 1-3-2 for more information on .

The IRR is given below. [Note that for the IRR NCES asked us to use the Total Response Rate (RRT) formula referred to in Standard 1-3-5 instead of the IRR formula referred to in Standard 1-3-6. We refer to RRT as IRR in this report to use consistent terminology.]

where

\bar{F} is the number of respondents for whom an in-scope response was obtained for item x ,

I is the number of unit level respondents,

V^x is the number of respondents with a valid skip for item x , and

URR_{NCES} is the overall URR.

See NCES Statistical Standards 1-3-5 and 1-3-6 for more information on the IRR.

2b. Census

The URR is given by

⁵ Note that the naming conventions were modified slightly for this report.

Appendix G—ALS Nonresponse Bias Study

where

R is the count of *reporting units* selected for the sample that were eligible for data collection and classified as a response,

E is the count of reporting units selected for the sample that were eligible for data collection, and

U is the count of reporting units selected for the sample for which eligibility could not be determined.

The TQRR is given by

where

w_i is the design weight of tabulation unit i ,

r_{it} is the indicator variable for reported data for tabulation unit i and data item t ,

e_{it} is the indicator variable of “equivalent quality” data⁶ for tabulation unit i and data item t ,

y_{it} is the data value for unit i ,

g_i is the nonresponse weighting adjustment factor for tabulation unit i , and

N is the total number of eligible tabulation units.

3. Response Rate Analysis

3a. URR

The URR was examined overall and by publication cell over the five most recent survey cycles.

The overall 2008 ALS URR was 86.7% using . Using yielded the same result, because we were asked to assume that all units with unknown eligibility were eligible,⁷ giving an eligibility factor, e , of one.

⁶ Equivalent quality data are *indirectly* received from the “respondent.” To be considered equivalent quality, substituted data *should* be validated by an independent report.

⁷ Note that the smaller the unknown eligibility factor, the higher the URR, giving a “conservative” response rate.

Appendix G—ALS Nonresponse Bias Study

Figure 1 shows that the survey program URR did not fall below 85% (the NCES target rate) over the past five survey cycles.

Figure 1: URR (2000-2008)

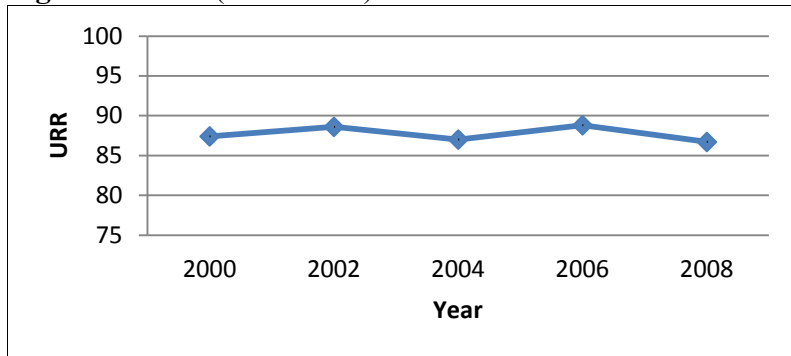
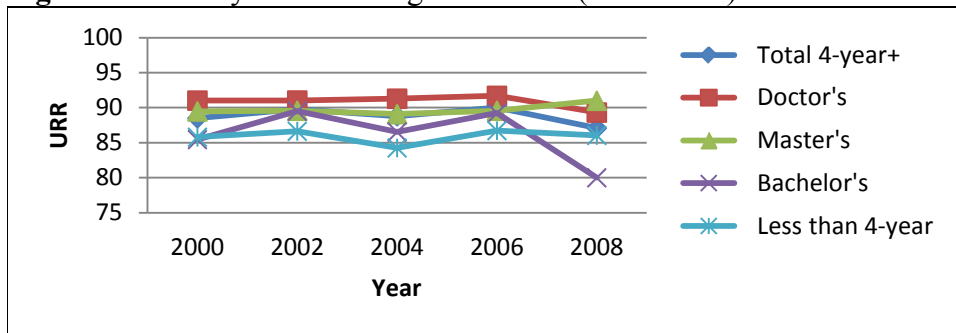


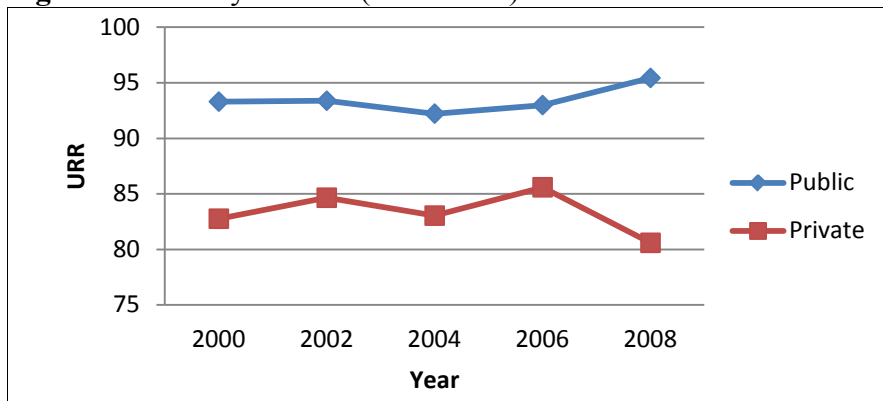
Figure 2 illustrates that, aside from Bachelor's in 2008 and Less than 4-year in 2004, the URR was greater than 85% in Level of Degree Offered publication cells.

Figure 2: URR by Level of Degree Offered (2000-2008)



There were, however, publication cells where the URR consistently fell below 85%. Figure 3 illustrates that the URR consistently fell below 85% for private institutions.

Figure 3: URR by Control (2000-2008)



Appendix G—ALS Nonresponse Bias Study

Figure 4 illustrates that the URR consistently fell below 85% for full-time enrollment (FTE) less than 1,000.

Figure 4: URR by Full-time Enrollment (2000-2008)

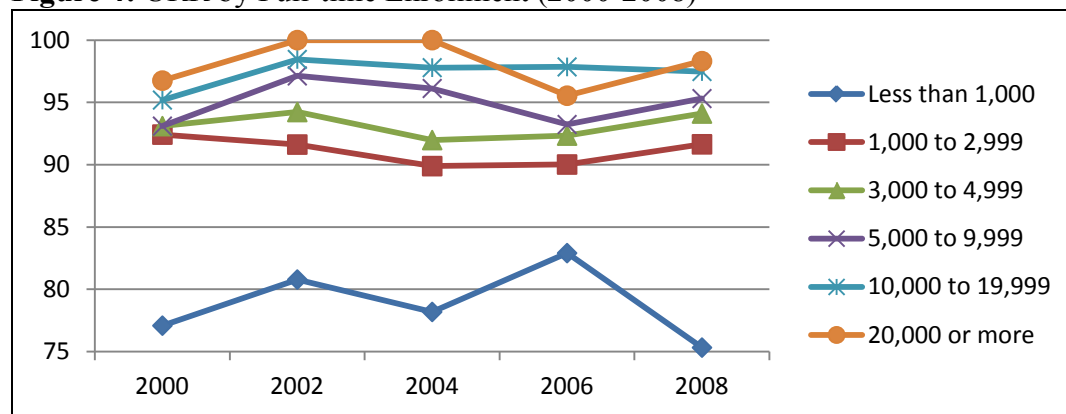
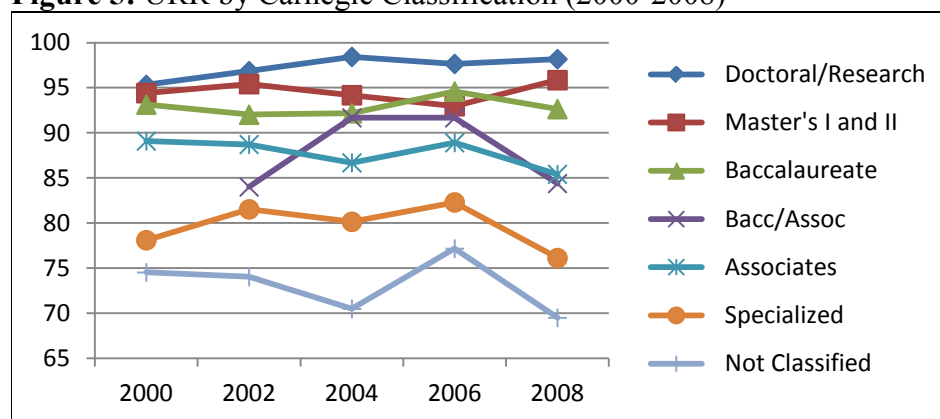


Figure 5 illustrates that the URR consistently fell below 85% for Carnegie Classifications Specialized and Not Classified.

Figure 5: URR by Carnegie Classification (2000-2008)



See Tables 1 and 2 in the appendices for the URRs overall, by publication cell, and by state.

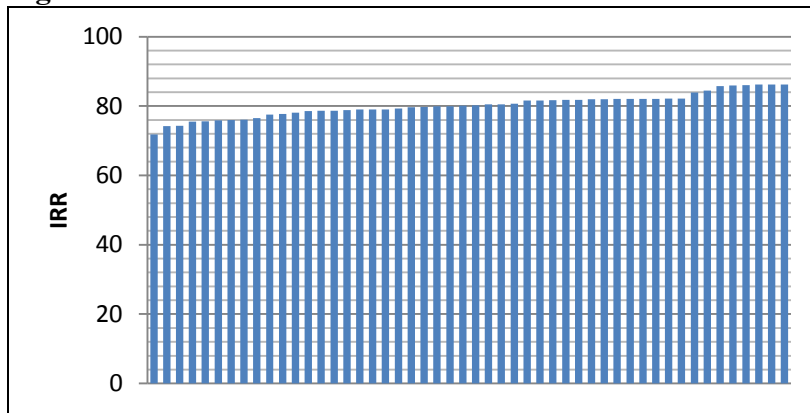
3b. IRR and TQRR

The program level 2008 ALS IRR fell below 85% for 54 of 65 data items, with the lowest IRR being 72% for Electronic One-Time Purchases. Figure 6 is a column chart of 2008 ALS IRRs sorted from lowest to highest. It was observed that the IRRs were generally higher for yes/no questions⁸. However, based on our initial examination of response rates, little can be said about these items except that they tended to follow the same trend as the URR at the publication cell level.

⁸ Skip patterns were taken into account.

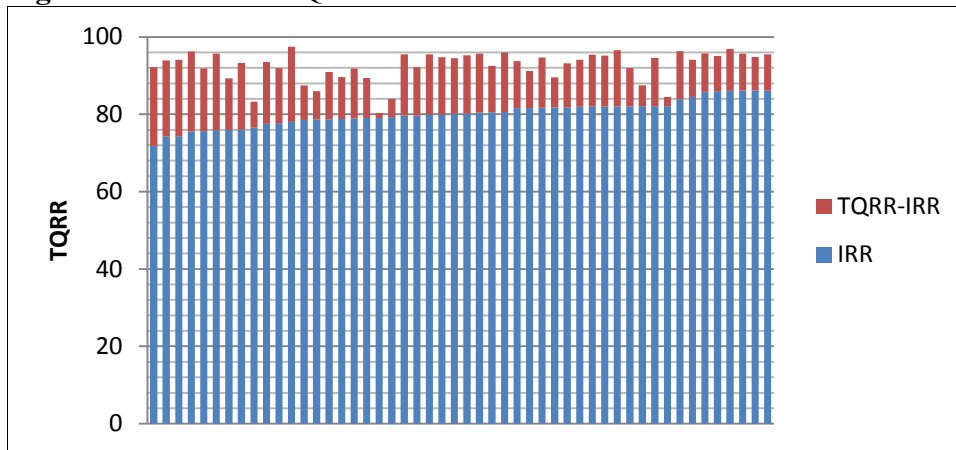
Appendix G—ALS Nonresponse Bias Study

Figure 6: 2008 ALS IRR



To analyze these rates further, we calculated the TQRR for applicable (i.e., non-yes/no) items. The TQRR gives us an indication of how much of the data is accounted for. Figure 7 is a column chart of 2008 ALS TQRRs, sorted by IRR, illustrating that a majority of the data was collected, despite the corresponding IRRs that failed to meet target values.⁹

Figure 7: 2008 ALS TQRR

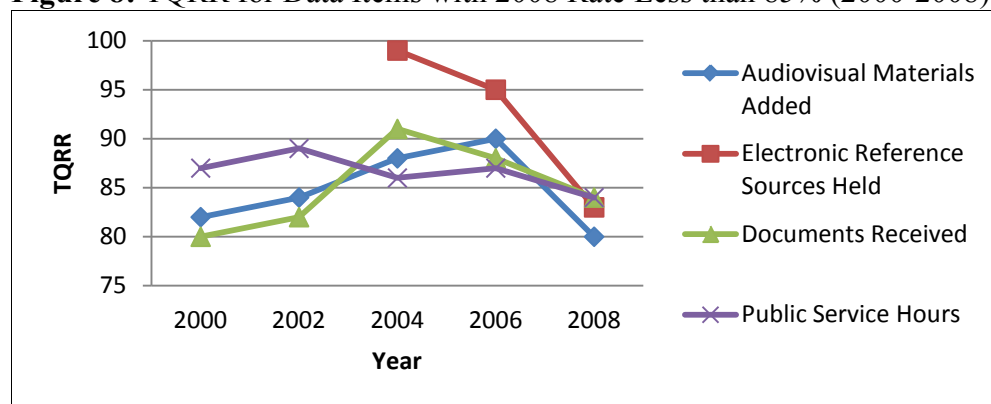


If we used the same criteria for the TQRR (i.e., an 85% target response rate), then, based on 2008 data, four items would have been flagged for not meeting the target value – Audiovisual Materials Added During the Fiscal Year, Electronic Reference Services Held at the End of the Fiscal Year, Documents Received from Commercial Services, and Number of Weekly Public Service Hours. In other words, for all but four data items, 85% of the data were accounted for (based on current imputation methodology). The 2000-2008 TQRRs for these items are given in Figure 8.

⁹ The item names are not included in Figures 6 and 7 for three reasons: 1) They would make the charts very crowded, 2) The information is provided in the appendices, and 3) The point here is to illustrate the range of IRR and TQRR values.

Appendix G—ALS Nonresponse Bias Study

Figure 8: TQRR for Data Items with 2008 Rate Less than 85% (2000-2008)



The lowest TQRR among the items was 80% for Audiovisual Materials Added During the Fiscal Year. However, the TQRR was closer to 90% for census years 2004 and 2006. The TQRR for Electronic Reference Sources Held at the End of the Year was also historically higher than 85%. Note that Electronic Reference Sources Held was new in 2004, so this observation was based on only three data points. For Documents Received from Commercial Services and Weekly Public Service Hours, TQRR was higher than 85% for years 2004 and 2006 and lower than 85% for years 2000 and 2002. Therefore, if we were interested in the TQRRs instead of the IRRs, none would have been at a critical level for concern, because TQRR exceeded a target value of 85% in at least two of four prior survey cycles.

See appendices Tables H-3a-e and I-4a-e for the IRRs and TQRRs, respectively, overall and by publication cell.

4. Recommendations

4a. Mitigating Nonresponse Bias

The purpose of a nonresponse bias study is to identify areas of potential nonresponse bias and make recommendations for mitigating the bias. Because ALS is a census (i.e., units have equal weights of one), any nonresponse is an indicator of nonresponse bias. The approach for the ALS study was to identify publication cells with response rates that consistently fell below target values, because it is generally understood that underrepresentation among subpopulations could affect survey estimates.

The following 2008 publication cells had a URR less than 85%: private institutions, FTE less than 1,000, and specialized and not classified Carnegie classifications. To mitigate the bias, for future data collections we recommend targeted follow-up among these subpopulations.

Depending on available resources, the follow-up could be anything from a post-card follow-up reminder to a phone call or in-person visit. (Note that as the response rate increases, it will get harder and harder to convert nonrespondents.) Given a small enough group of nonrespondents, they could be contacted directly to determine causes for nonresponse.

4b. Future Research

A research goal was to identify areas to target additional nonresponse bias analysis; however, it is possible that nonresponse bias is not a major error source for ALS. ALS response rates –

Appendix G—ALS Nonresponse Bias Study

URR, IRR, and TQRR – were high relative to response rates obtained by other surveys. They were high relative to the target response rates directed by OMB and the Census Bureau. Even when the IRR did not meet a target value, often the corresponding TQRR was significantly higher than the IRR, an indicator that we captured the majority of the data. TQRRs were generally high overall and within subgroup. Therefore, in lieu of additional nonresponse bias analysis, we recommend investigating other potential sources of error. We identify two possibilities – the imputation methodology and the questionnaire design.

Regarding the imputation methodology, it is important to correctly define imputation cells. Currently, ALS imputation cells are formed based on Sector by measure of size (FTE), and a missing at random response mechanism with ignorable nonresponse within imputation cells is assumed. If the units within an adjustment cell do not have the same cell mean (i.e., the respondent and nonrespondent means are different), then perhaps we have assumed the wrong response mechanism. Moreover, if the imputation methodologies within cells are not good at predicting the value of interest, we could be introducing error. We would recommend investigating the response mechanism and the imputation methods used within cells. (This could be part of a larger nonresponse bias study.) However, prior to this, we would recommend looking into possible causes of measurement error.

Based on preliminary analysis, there is evidence of measurement error due to the survey questionnaire’s design. For example, it is not clear how universities on a quarter system report for the “Fall” reference period referred to in the survey instructions. Moreover, the survey instructions are very lengthy and in a separate section of the questionnaire. As pointed out in the survey methodology literature, survey instructions are often not read (Dillman, 2007). Therefore, if the reference period is given in the instructions but not in the body of the survey, as is often the case for ALS, one cannot feel confident that respondents are reporting for the correct time period. These are just a few of the many possible examples. We feel it is prudent to seek out questionnaire design experts to address these issues, especially with the trend towards electronic activity among academic libraries.

5. Conclusions

NCES Statistical Standards direct survey programs to conduct a nonresponse bias analysis if a URR or IRR falls below 85%. This study was a preliminary investigation into nonresponse bias for the ALS. Response rates were examined to uncover areas where low response rates could be affecting survey estimates. Four publication cells with URR consistently below 85% were identified: private institutions, FTE less than 1,000, and specialized and not classified Carnegie classifications.

Our recommendations are grouped into two categories: recommendations to reduce nonresponse bias and recommendations for future research. To reduce nonresponse bias, we recommend targeted nonresponse follow-up for the following institutions: private, specialized, not classified and those with FTE less than 1,000. For future research, we recommend investigating other possible error sources, in particular the current imputation methodology (possibly as part of a larger nonresponse bias study) and the survey questionnaire’s design. The imputation rate for ALS is relatively small (<10% for most variables in 2008), and evidence suggests there are

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unresolved measurement issues. Therefore, we recommend first putting resources towards questionnaire design research.

6. Acknowledgements

The author would like to thank Laura Hardesty and Eric Fink for their help on this project.

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Appendix H

Academic Libraries Survey Response Rates Used in the ALS Nonresponse Bias Analysis

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Appendix H—Academic Libraries Survey Response Rates

Table H-1. Academic Libraries Survey Unit Response Rates by Publication Cell

	2008		2006		2004		2002		2000	
	Census	NCES	Census	NCES	Census	NCES	Census	NCES	Census	NCES
Overall	86.7	89.0	88.8	90.8	87.0	89.3	88.6	90.6	87.4	89.1
Control										
Public	95.4	96.3	93.0	94.3	92.2	93.7	93.4	94.6	93.3	94.2
Private	80.6	83.8	85.6	88.1	83.0	86.0	84.7	87.3	82.8	85.0
Level										
Total 4-year+	87.1	89.3	90.0	91.8	88.8	90.8	89.8	91.7	88.5	90.0
Doctor's	89.3	91.2	91.7	93.3	91.3	92.9	91.0	92.7	91.0	92.3
Master's	91.0	92.6	89.6	91.5	89.1	91.1	89.6	91.5	89.5	90.8
Bachelor's	80.0	83.3	89.2	91.2	86.5	88.9	89.5	91.4	85.5	87.3
Less than 4-year	86.1	88.5	86.7	89.1	84.3	87.0	86.6	89.0	85.8	87.7
Full-time Enrollment										
Less than 1,000	75.3	79.2	82.9	85.8	78.2	81.8	80.8	84.0	77.1	79.9
1,000 to 2,999	91.6	93.2	90.0	91.9	89.9	91.7	91.6	93.2	92.4	93.4
3,000 to 4,999	94.1	95.1	92.3	93.8	92.0	93.5	94.2	95.3	93.1	94.2
5,000 to 9,999	95.3	96.2	93.2	94.5	96.1	96.9	97.1	97.7	93.1	94.1
10,000 to 19,999	97.5	97.9	97.9	98.3	97.8	98.2	98.5	98.8	95.2	95.8
20,000 or more	98.3	98.8	95.5	96.4	100.0	100.0	100.0	100.0	96.8	97.1
Carnegie Classification										
Doctoral/Research	98.2	98.5	97.7	98.1	98.4	98.7	96.9	97.5	95.3	96.1
Master's I and II	95.9	96.6	93.0	94.3	94.2	95.3	95.4	96.3	94.4	95.0
Baccalaureate	92.6	94.0	94.6	95.6	92.2	93.7	92.0	93.5	93.1	94.1
Baccalaureate/Associates	84.4	87.1	91.7	93.2	91.7	93.2	84.0	86.8	--	--
Associates	85.4	87.9	88.9	90.9	86.7	89.1	88.7	90.8	89.1	90.6
Specialized	76.1	79.9	82.3	85.3	80.1	83.5	81.5	84.7	78.1	80.7
Not Classified	69.5	73.9	77.2	80.9	70.5	74.9	74.0	78.1	74.5	77.6

SOURCE: U.S. Census Bureau, Academic Libraries Survey, 2000, 2002, 2004, 2006, and 2008. Although the data in this table come from a census of academic libraries and are not subject to sampling error, the census results do contain nonsampling error. Additional information on nonsampling error, response rates, and definitions may be found in Appendix A Technical Notes of the Academic Libraries: 2008 First Look.

--data not collected in 2000

Appendix H—Academic Libraries Survey Response Rates

Table H-2. Academic Libraries Survey Unit Response Rates by State

State	2008		2006		2004		2002		2000	
	Census	NCES	Census	NCES	Census	NCES	Census	NCES	Census	NCES
Alaska	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Alabama	95.5	96.3	96.8	97.4	96.9	97.5	97.0	97.6	98.5	98.5
Arkansas	93.5	94.7	97.9	98.3	91.5	93.1	97.8	98.3	97.8	97.8
Arizona	77.2	80.6	85.7	88.2	77.6	81.2	86.5	88.9	70.9	75.3
California	81.3	84.4	83.1	86.0	78.2	81.8	80.0	83.3	78.6	81.1
Colorado	83.6	86.4	88.5	90.6	77.6	81.2	78.7	82.2	84.5	86.6
Connecticut	86.7	88.6	84.1	86.9	95.5	96.3	93.2	94.5	90.7	92.0
District of Columbia	80.0	82.2	86.7	89.0	93.3	94.6	86.7	89.0	93.3	94.6
Delaware	100.0	100.0	88.9	90.9	77.8	81.4	80.0	83.3	80.0	81.6
Florida	80.1	83.3	84.4	87.1	89.1	91.1	90.8	92.5	82.5	84.3
Georgia	91.5	93.0	86.5	88.9	84.0	86.7	78.0	81.6	86.4	88.2
Hawaii	78.9	82.4	88.9	90.9	82.4	85.4	88.9	90.9	94.4	94.4
Idaho	95.2	96.2	96.8	97.4	88.7	90.8	83.9	86.7	90.3	91.5
Illinois	84.6	87.3	91.7	93.2	100.0	100.0	100.0	100.0	92.9	94.2
Indiana	92.1	93.3	88.6	90.7	84.9	87.6	87.9	90.1	91.5	92.8
Iowa	82.7	85.5	87.0	89.3	88.6	90.7	88.9	90.9	89.9	91.3
Kansas	93.1	94.4	94.5	95.6	88.9	90.9	90.9	92.6	90.7	92.1
Kentucky	91.2	92.5	92.1	93.5	91.8	93.3	91.9	93.4	93.4	94.7
Louisiana	86.3	88.7	88.4	90.5	95.6	96.4	95.0	96.0	90.0	90.9
Massachusetts	91.4	92.8	92.2	93.6	88.1	90.3	92.0	93.5	87.7	89.1
Maryland	80.0	83.0	81.5	84.6	83.0	85.9	90.7	92.5	88.0	90.2
Maine	100.0	100.0	93.1	94.4	93.3	94.6	90.0	91.8	90.6	91.8
Michigan	78.4	81.9	87.2	89.5	93.9	95.1	89.9	91.8	88.9	90.2
Minnesota	100.0	100.0	96.9	97.5	96.8	97.4	98.9	99.1	93.4	94.4
Missouri	81.5	84.6	88.3	90.5	75.0	78.9	88.9	90.9	87.5	89.4
Mississippi	95.0	95.5	92.1	93.6	81.6	84.7	78.9	82.4	92.3	93.3
Montana	90.5	92.2	85.7	88.2	86.4	88.8	95.5	96.3	77.3	80.2
North Carolina	96.1	96.8	96.0	96.8	97.5	98.0	99.2	99.3	100.0	100.0
North Dakota	90.0	91.8	85.0	87.6	90.0	91.8	89.5	91.4	95.0	96.0
Nebraska	87.5	89.7	86.5	88.9	86.5	88.9	83.3	86.2	87.9	90.1
New Hampshire	100.0	100.0	83.3	86.2	95.5	96.3	77.3	81.0	82.6	85.6
New Jersey	92.7	94.1	94.2	95.3	86.5	88.9	98.0	98.4	88.5	90.2
New Mexico	82.1	85.1	92.1	93.6	83.3	86.2	86.1	88.6	89.5	90.9
Nevada	82.4	85.4	69.2	73.8	78.6	82.1	90.9	92.6	66.7	70.2
New York	78.9	82.4	88.8	90.8	88.3	90.4	90.6	92.4	86.2	87.8
Ohio	83.0	86.0	84.4	87.1	82.1	85.1	78.2	81.8	75.5	78.6
Oklahoma	90.4	92.2	87.8	90.0	81.6	84.7	100.0	100.0	76.1	78.8
Oregon	90.7	92.5	90.6	92.3	98.1	98.5	98.1	98.5	96.0	96.8
Pennsylvania	82.0	85.1	90.7	92.4	86.7	89.1	86.3	88.8	85.8	87.6
Rhode Island	92.9	94.2	92.9	94.2	100.0	100.0	100.0	100.0	100.0	100.0
South Carolina	76.9	80.6	87.1	89.4	82.0	85.0	83.6	86.4	83.6	85.6
South Dakota	87.0	89.3	76.2	80.0	91.3	92.9	91.3	92.9	95.8	96.6
Tennessee	91.5	93.1	93.0	94.3	86.9	89.2	95.1	96.1	90.2	91.1
Texas	87.1	89.4	86.7	89.1	90.3	92.1	91.2	92.8	91.3	92.3
Utah	92.0	93.5	95.7	96.5	87.0	89.3	95.5	96.3	85.7	88.2
Virginia	85.9	88.4	88.7	90.7	86.5	88.9	90.6	92.3	93.7	94.9
Vermont	90.0	91.8	86.4	88.8	91.3	92.9	78.3	81.8	82.6	84.8
Washington	89.7	91.6	88.6	90.6	82.6	85.6	88.7	90.8	92.4	93.3
Wisconsin	95.5	96.4	92.2	93.7	88.9	90.9	83.9	86.7	91.9	93.1
West Virginia	96.9	97.5	93.9	95.1	100.0	100.0	82.1	85.2	75.0	77.8
Wyoming	100.0	100.0	88.9	90.9	77.8	81.4	100.0	100.0	100.0	100.0

SOURCE: U.S. Census Bureau, Academic Libraries Survey, 2000, 2002, 2004, 2006, and 2008. Although the data in this table come from a census of academic libraries and are not subject to sampling error, the census results do contain nonsampling error. Additional information on nonsampling error, response rates, and definitions may be found in Appendix A Technical Notes of the Academic Libraries: 2008 First Look.

Appendix H—Academic Libraries Survey Response Rates

Table H-3a. Academic Libraries Survey Total Response Rates (NCES) by Publication Cell: 2008

	Overall	Public	Private	4-year+	Less than 4-year	Doctors	Masters	Bachelors	Enrolled under 1,000	1,000 to 2,999	3,000 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 or more	Doctoral/Research	Master's I and II	Baccalaureate	Baccal/Assoc	Associates	Specialized	Not classified
Eligibility Questions																					
Organized collection (yes/no)	87	87	87	87	87	87	87	87	87	87	87	87	86	86	87	87	87	87	87	87	87
Paid, trained library staff (yes/no)	87	87	87	87	87	87	87	87	87	87	87	87	86	86	87	87	87	87	87	87	87
Established hours (yes/no)	87	87	87	87	87	87	87	87	87	87	87	87	86	86	87	87	87	87	87	87	87
Physical facilities (yes/no)	87	87	87	87	87	87	87	87	87	87	87	87	86	86	87	87	87	87	87	87	87
Part A - Outlets																					
Branches	82	84	81	82	81	83	84	80	78	84	84	85	85	83	85	85	84	85	82	78	68
Part B - Staff																					
Number of full-time equivalents																					
Librarians	86	87	86	86	86	87	86	86	86	86	87	87	87	86	87	86	87	87	86	86	83
Other professional staff	86	87	86	86	86	87	86	86	86	86	87	87	87	86	87	86	87	87	86	86	83
Total librarians and other professional staff	86	87	86	86	86	87	86	86	86	86	87	87	87	86	87	86	87	87	86	86	83
All other paid staff	86	87	86	86	86	86	86	86	85	86	86	87	87	86	87	86	86	87	86	86	82
Student assistants	86	86	86	86	86	86	86	86	85	86	86	86	86	86	87	86	86	87	86	86	82
Total full-time equivalent staff	86	86	85	86	85	86	86	86	85	86	86	87	86	86	87	86	86	87	86	86	82
Salaries and wages																					
Total librarians and other professional staff	82	84	80	82	81	84	81	81	78	83	82	84	86	86	86	83	83	82	82	79	73
All other paid staff	84	85	83	84	84	85	83	84	83	84	83	85	86	86	86	84	85	85	84	82	82
Student assistants	82	82	81	82	80	84	82	81	80	81	82	82	86	86	86	84	82	80	81	79	78
Total full-time equivalent staff	80	82	79	81	78	83	81	80	77	81	82	81	86	86	85	84	82	79	79	77	71
Employee fringe benefits (yes/no)	86	86	85	85	86	85	86	85	85	86	86	86	86	86	85	86	86	86	86	84	85
Fringe benefits	84	86	83	84	85	84	85	83	83	85	85	86	85	85	85	86	86	83	85	81	72
Part C - Expenditures																					
Information resources																					
One-time purchases of books, backfiles, etc.	82	85	80	83	81	84	84	80	77	84	84	86	85	84	85	85	84	82	82	79	67
Electronic	72	76	68	73	70	76	75	67	64	74	74	80	78	76	79	77	76	69	71	65	51
Audiovisual	76	79	73	76	76	75	77	75	70	80	79	81	75	64	72	80	79	73	77	72	57
Ongoing commitments to serial subscriptions	82	84	80	83	81	84	85	80	78	84	84	86	85	82	84	85	84	82	82	79	68
Electronic serials	74	80	70	76	71	78	79	71	64	78	78	84	82	80	82	82	81	71	72	68	47
Other information resources																					
Document delivery/interlibrary loan	82	84	80	83	81	84	84	80	78	84	84	86	85	84	85	85	84	82	82	79	67
Preservation	82	84	80	83	81	84	84	80	78	84	84	86	85	81	84	85	85	82	82	79	66
Other expenditures for information resources	82	84	80	83	80	84	84	80	77	83	84	86	84	81	84	85	85	82	82	79	65
Operating expenditures																					
Computer hardware and software	82	85	80	83	81	84	84	80	78	83	84	86	85	84	85	85	84	81	82	79	67
Bibliographic utilities, networks and consortia	82	84	80	83	80	84	84	80	78	83	84	86	85	82	84	85	85	82	82	79	66
All other operating expenditures	82	84	80	82	80	84	83	80	77	83	84	85	85	82	84	85	84	81	81	79	66
Total expenditures	78	81	75	79	75	81	80	76	72	79	81	81	84	82	83	83	81	77	76	73	60

Appendix H—Academic Libraries Survey Response Rates

Table H-3a. (cont'd) - Academic Libraries Survey Total Response Rates (NCES) by Publication Cell: 2008

	Overall	Public	Private	4-year+	Less than 4-year	Doctors	Masters	Bachelors	Enrolled under 1,000	1,000 to 2,999	3,000 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 or more	Doctoral/Research	Master's I and II	Baccalaureate	Baccalaureate/Associates	Associates	Specialized	Not classified
Part D - Collections																					
Added during the fiscal year																					
Books, serial backfiles and other paper materials	80	83	78	81	78	83	82	78	75	82	83	85	84	84	85	84	84	81	79	75	63
E-books	76	81	72	78	73	78	79	75	68	79	80	82	82	77	79	81	82	75	75	70	55
Microforms	76	81	71	77	72	79	79	73	67	78	79	83	83	80	81	82	81	76	74	70	52
Audiovisual materials	79	82	76	80	77	81	81	78	73	82	81	84	83	77	81	83	83	78	79	75	60
Current serial titles	78	81	76	79	77	78	81	76	73	80	81	83	80	73	76	82	82	79	78	75	61
Electronic reference and aggregation services	74	79	71	75	73	76	77	72	67	77	79	81	78	68	73	81	78	74	74	70	54
Held at end of fiscal year																					
Books, serial backfiles and other paper materials	81	84	78	82	79	84	83	78	75	83	83	85	84	85	86	84	85	80	80	76	63
E-books	76	81	72	78	72	80	80	73	65	79	81	83	83	81	83	83	82	77	73	67	53
Microforms	76	81	71	78	72	81	79	73	65	80	80	84	83	84	85	83	82	74	73	70	51
Audiovisual materials	79	82	75	80	76	83	81	76	71	81	81	84	84	82	84	84	83	78	77	74	55
Current serial titles	80	83	77	81	78	83	83	77	73	82	83	85	84	84	85	84	84	81	79	75	61
Electronic reference services	77	80	73	78	74	79	81	73	68	81	81	83	81	72	79	83	82	76	75	72	55
Electronic library collection (yes/no)	83	85	82	84	82	85	85	82	80	84	85	86	86	86	86	86	85	83	83	81	74
Part E - Library Services (Year)																					
Interlibrary loans and documents provided																					
Returnable	79	82	76	80	77	80	82	76	72	81	83	84	83	76	80	83	82	81	78	75	60
Non-returnable	79	82	76	80	77	80	82	76	72	81	83	84	83	76	80	83	82	81	78	75	60
Total provided	80	83	77	81	78	83	83	76	73	82	83	85	84	84	85	84	82	81	78	77	60
Interlibrary loans and documents received																					
Returnable	79	82	76	80	78	79	82	77	73	81	83	84	83	76	79	84	83	81	78	75	60
Non-returnable	79	83	76	80	78	79	82	77	73	81	83	84	83	76	79	84	83	81	78	75	60
Documents received from commercial services	79	83	76	80	78	80	82	77	73	82	83	84	83	77	80	84	83	81	78	76	60
Total received	80	83	77	81	78	83	83	77	73	82	83	85	84	84	84	84	83	81	79	77	60
Circulation																					
General circulation transactions	80	84	78	82	78	83	83	79	75	83	83	85	84	85	85	84	84	81	80	77	61
Reserve circulation transactions	78	82	74	78	76	79	81	75	70	81	81	83	82	76	79	83	82	78	77	73	57
Information services to groups																					
Number of presentations	80	84	78	82	79	82	83	79	75	82	83	85	84	85	85	84	84	81	80	76	61
Total attendance at all presentations	80	84	77	81	78	82	82	77	73	82	82	84	84	85	85	84	83	77	79	75	57
Part F - Library Services (Typical Week)																					
Number of weekly public service hours	82	84	80	83	81	84	84	80	78	84	84	85	84	86	86	84	85	82	82	79	69
Gate count in a typical week	79	81	77	79	78	80	80	78	74	80	80	83	81	79	81	82	81	79	79	75	65
Reference transactions in a typical week	82	84	80	83	80	84	83	80	77	83	84	85	84	85	85	84	84	83	81	78	69

Appendix H—Academic Libraries Survey Response Rates

Table H-3a. (cont'd) - Academic Libraries Survey Total Response Rates (NCES) by Publication Cell: 2008

	Overall	Public	Private	4-year+	Less than 4-year	Doctors	Masters	Bachelors	Enrolled under 1,000	1,000 to 2,999	3,000 to 4,999	5,000 to 9999	10,000 to 19,999	20,000 or more	Doctoral/Research	Master's I and II	Baccalaureate	Baccalaureate/Associates	Associates	Specialized	Not classified
Part G - Electronic Services																					
Documents digitized (yes/no)	83	84	82	84	82	85	85	81	79	84	85	85	85	85	86	85	85	82	83	80	72
Email or web library reference service (yes/no)	83	84	82	84	82	85	85	81	80	84	85	85	85	86	86	85	85	82	83	80	72
Technology to assist patrons (yes/no)	83	84	82	84	82	85	85	81	79	84	85	85	85	84	85	85	85	82	83	80	72
Electronic theses and dissertations (yes/no)	83	84	82	84	82	85	85	81	79	84	85	85	85	84	85	85	85	82	83	80	72
Part H - Information Literacy																					
Definition of information literacy (yes/no)	83	84	81	83	81	84	84	81	79	84	84	85	85	84	85	84	85	82	82	80	71
Incorporated literacy in mission (yes/no)	82	84	81	83	81	84	84	81	79	84	84	85	85	84	85	84	85	82	82	80	70
Incorporated literacy in plan (yes/no)	82	84	81	83	81	84	84	81	79	84	84	85	85	84	85	84	85	82	82	79	71
Institution-wide committee on literacy (yes/no)	76	80	72	77	73	79	80	72	68	78	81	82	80	80	83	81	81	78	75	68	56
Strategic plan recognizing literacy role (yes/no)	76	80	72	77	73	79	79	72	67	79	80	82	81	80	83	81	80	78	76	67	55

SOURCE: U.S. Census Bureau, Academic Libraries Survey, 2000, 2002, 2004, 2006, and 2008. Although the data in this table come from a census of academic libraries and are not subject to sampling error, the census results do contain nonsampling error. Additional information on nonsampling error, response rates, and definitions may be found in Appendix A Technical Notes of the Academic Libraries: 2008 First Look.

Appendix H—Academic Libraries Survey Response Rates

Table H-3b. Academic Libraries Survey Total Response Rates (NCES) by Publication Cell: 2006

	Overall	Public	Private	4-year+	Less than 4-year	Doctors	Masters	Bachelors	Enrolled under 1,000	1,000 to 2,999	3,000 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 or more	Doctoral/Research	Master's I and II	Baccalaureate	Baccal/Assoc	Associates	Specialized	Not classified
Eligibility Questions																					
Organized collection (yes/no)	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89
Paid, trained library staff (yes/no)	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89
Established hours (yes/no)	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89
Physical facilities (yes/no)	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89
Part A - Outlets																					
Branches	87	88	86	88	87	88	87	87	86	88	88	88	87	89	88	88	88	85	88	86	82
Part B - Staff																					
Number of full-time equivalents																					
Librarians	88	89	88	88	88	89	88	89	88	88	88	89	89	89	89	89	88	89	89	88	87
Other professional staff	88	89	88	88	88	89	88	89	88	89	88	89	89	89	89	88	89	89	88	87	87
Total librarians and other professional staff	88	89	88	88	88	89	88	89	88	88	88	89	89	89	89	88	89	89	88	87	87
All other paid staff	88	88	87	88	88	88	88	88	87	88	88	89	89	89	89	88	89	88	87	85	85
Student assistants	88	88	88	88	88	88	88	89	88	88	88	89	89	88	88	89	88	89	89	88	86
Total full-time equivalent staff	88	88	87	88	87	88	87	88	87	88	88	88	89	88	88	89	88	89	88	87	84
Salaries and wages																					
Total librarians and other professional staff	86	88	86	87	86	88	86	86	85	87	86	87	87	89	88	88	87	87	86	86	83
All other paid staff	87	87	86	87	86	88	86	87	86	87	86	88	87	89	88	88	87	87	87	86	83
Student assistants	86	86	85	86	85	87	86	86	85	86	86	87	86	87	88	87	86	87	85	84	82
Total full-time equivalent staff	85	86	84	86	85	87	86	85	84	86	86	87	87	87	89	87	87	85	85	83	81
Employee fringe benefits (yes/no)	88	89	88	88	88	88	88	89	88	89	88	89	89	88	88	88	88	89	88	88	88
Fringe benefits	88	88	87	88	88	88	88	88	87	88	88	88	89	87	87	88	88	89	88	88	86
Part C - Expenditures																					
Information resources																					
One-time purchases of books, backfiles, etc.	86	87	85	86	85	87	86	86	84	87	87	87	86	87	87	88	87	85	85	85	81
Electronic	79	80	78	80	77	80	80	79	75	80	80	83	82	77	80	83	84	77	78	74	71
Audiovisual	82	84	80	82	82	81	83	81	79	84	84	84	81	78	77	85	85	81	82	81	76
Ongoing commitments to serial subscriptions	85	87	84	86	84	87	86	85	82	87	87	87	86	88	87	88	87	85	85	84	78
Electronic serials	81	83	79	82	78	83	84	80	75	83	83	85	85	85	85	87	86	79	79	76	70
Other information resources																					
Document delivery/interlibrary loan	86	87	85	86	85	87	87	85	84	87	87	87	86	89	87	88	87	83	86	85	80
Preservation	86	87	85	86	85	87	87	85	84	87	86	87	86	89	87	88	87	83	86	85	80
Other expenditures for information resources	86	87	85	86	85	87	87	84	83	87	87	87	86	89	87	88	87	83	85	85	80
Operating expenditures																					
Computer hardware and software	86	87	85	86	85	87	87	85	83	87	87	87	86	88	87	88	87	83	85	85	80
Bibliographic utilities, networks and consortia	86	87	84	86	85	87	86	85	83	87	86	87	86	88	86	88	87	83	86	85	79
All other operating expenditures	85	87	84	86	85	87	86	84	83	87	86	87	86	88	86	88	87	83	85	85	80
Total expenditures	83	85	81	84	82	85	84	82	80	84	85	86	85	86	86	87	86	81	83	80	75

Appendix H—Academic Libraries Survey Response Rates

Table H-3b. (cont'd) - Academic Libraries Survey Total Response Rates (NCES) by Publication Cell: 2006

	Overall	Public	Private	4-year+	Less than 4-year	Doctors	Masters	Bachelors	Enrolled under 1,000	1,000 to 2,999	3,000 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 or more	Doctoral/Research	Master's I and II	Baccalaureate	Baccalaureate/Associates	Specialized	Not classified	
Part D - Collections																					
Added during the fiscal year																					
Books, serial backfiles and other paper materials	84	87	82	85	83	86	85	83	80	85	86	88	86	88	86	87	87	81	85	83	74
E-books	82	85	80	83	81	83	83	82	78	84	84	85	84	84	82	85	86	77	82	79	72
Microforms	82	85	79	82	80	84	83	80	76	84	84	86	85	86	85	85	85	83	82	79	68
Audiovisual materials	83	86	81	84	82	85	84	82	79	84	86	87	83	86	84	86	86	81	84	82	73
Current serial titles	83	86	80	83	83	83	84	82	79	84	85	86	85	82	82	86	85	81	83	81	75
Electronic reference and aggregation services	81	83	79	81	80	81	82	81	78	82	83	84	83	74	77	84	84	79	82	80	70
Held at end of fiscal year																					
Books, serial backfiles and other paper materials	85	87	82	85	84	87	85	83	81	86	87	88	87	88	87	88	87	79	85	83	75
E-books	80	84	77	81	78	84	81	80	74	83	84	85	84	85	83	86	85	81	80	75	67
Microforms	81	85	78	83	78	86	83	79	74	84	85	86	86	88	87	87	87	79	80	78	64
Audiovisual materials	83	86	81	83	82	86	84	81	78	85	86	86	86	86	86	87	87	79	83	81	70
Current serial titles	85	87	83	85	84	87	85	83	81	85	87	87	86	88	87	87	87	79	85	82	75
Electronic reference services	81	84	78	82	79	84	83	80	75	83	84	85	84	82	82	86	86	79	81	79	67
Electronic library collection (yes/no)	86	87	85	87	86	88	87	86	84	87	87	88	86	89	88	88	88	85	86	85	81
Part E - Library Services (Year)																					
Interlibrary loans and documents provided																					
Returnable	83	85	81	83	83	83	84	82	80	84	86	85	83	81	83	86	85	79	84	80	75
Non-returnable	83	85	81	83	83	83	84	82	80	84	86	85	83	81	83	86	85	81	84	80	75
Total provided	84	87	82	85	84	87	85	82	80	86	86	87	86	89	87	87	86	79	85	82	75
Interlibrary loans and documents received																					
Returnable	83	86	81	83	83	83	84	82	80	85	86	86	83	81	83	86	86	79	84	80	76
Non-returnable	83	85	81	83	83	83	84	82	80	85	86	86	83	81	83	86	86	79	84	80	76
Documents received from commercial services	83	86	82	83	83	84	84	82	80	85	86	86	84	81	83	86	86	79	84	81	76
Total received	84	87	82	85	84	87	85	82	80	86	86	87	86	89	87	87	87	79	85	82	76
Circulation																					
General circulation transactions	84	87	83	85	84	86	85	83	80	86	86	87	86	89	87	88	86	81	85	82	76
Reserve circulation transactions	83	85	81	83	83	84	83	81	79	85	85	85	86	80	82	86	85	77	84	80	74
Information services to groups																					
Number of presentations	85	87	82	85	84	86	85	83	80	86	87	87	86	88	87	88	86	81	85	82	76
Total attendance at all presentations	84	87	82	85	84	86	85	83	80	86	86	87	86	88	87	88	86	81	85	82	76
Part F - Library Services (Typical Week)																					
Number of weekly public service hours	86	88	84	86	85	87	86	85	83	87	87	88	87	89	87	88	87	81	86	84	80
Gate count in a typical week	82	85	80	82	83	83	83	81	79	83	86	85	83	84	83	86	82	79	84	80	73
Reference transactions in a typical week	85	87	84	85	85	87	86	84	82	86	87	88	86	89	87	88	87	79	86	83	80

Appendix H—Academic Libraries Survey Response Rates

Table H-3b. (cont'd) - Academic Libraries Survey Total Response Rates (NCES) by Publication Cell: 2006

	Overall	Public	Private	4-year+	Less than 4-year	Doctors	Masters	Bachelors	Enrolled under 1,000	1,000 to 2,999	3,000 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 or more	Doctoral/Research	Master's I and II	Baccalaureate	Baccalaureate/Associates	Associates	Specialized	Not classified
Part G - Electronic Services																					
Documents digitized (yes/no)	86	88	85	86	86	87	87	85	84	87	87	88	87	89	87	88	87	81	87	85	80
Email or web library reference service (yes/no)	86	88	85	86	86	87	87	85	84	87	87	88	87	89	88	88	87	81	87	85	81
Technology to assist patrons (yes/no)	86	88	85	86	86	87	87	85	84	87	87	88	87	89	88	88	87	81	87	85	80
Electronic theses and dissertations (yes/no)	86	88	85	86	86	87	87	85	84	87	87	88	87	89	87	88	87	81	87	85	81
Part H - Information Literacy																					
Definition of information literacy (yes/no)	86	88	85	86	85	87	86	85	83	87	87	88	87	89	88	88	87	81	86	85	80
Incorporated literacy in mission (yes/no)	86	87	85	86	85	87	86	85	83	87	87	88	87	89	88	88	87	81	86	85	80
Incorporated literacy in plan (yes/no)	86	87	85	86	86	87	87	84	83	87	87	88	87	89	87	88	87	81	86	85	80
Institution-wide committee on literacy (yes/no)	81	85	77	81	80	85	82	77	73	83	85	86	84	89	85	87	83	73	82	75	69
Strategic plan recognizing literacy role (yes/no)	81	85	77	81	80	85	82	77	74	83	85	86	84	89	85	87	83	73	82	75	69

SOURCE: U.S. Census Bureau, Academic Libraries Survey, 2000, 2002, 2004, 2006, and 2008. Although the data in this table come from a census of academic libraries and are not subject to sampling error, the census results do contain nonsampling error. Additional information on nonsampling error, response rates, and definitions may be found in Appendix A Technical Notes of the Academic Libraries: 2008 First Look.

Appendix H—Academic Libraries Survey Response Rates

Table H-3c. Academic Libraries Survey Total Response Rates (NCES) by Publication Cell: 2004

	Overall	Public	Private	4-year+	Less than 4-year	Doctors	Masters	Bachelors	Enrolled under 1,000	1,000 to 2,999	3,000 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 or more	Doctoral/Research	Master's I and II	Baccalaureate	Baccal/Assoc	Associates	Specialized	Not classified
Eligibility Questions																					
Organized collection (yes/no)	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87
Paid, trained library staff (yes/no)	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87
Established hours (yes/no)	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87
Physical facilities (yes/no)	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87
Part A - Outlets																					
Branches	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87
Part B - Staff																					
Number of full-time equivalents																					
Librarians	87	87	87	87	86	87	87	87	86	87	87	87	87	87	87	87	87	86	86	86	86
Other professional staff	87	87	87	87	86	87	87	87	86	87	87	87	87	87	87	87	87	86	86	86	86
Total librarians and other professional staff	87	87	87	87	86	87	87	87	86	87	87	87	87	87	87	87	87	86	86	86	86
All other paid staff	87	87	86	87	86	86	87	87	86	87	87	87	87	87	87	87	87	86	86	86	86
Student assistants	87	87	86	87	86	86	87	87	86	87	87	87	87	87	87	87	87	86	86	86	86
Total full-time equivalent staff	87	87	86	87	86	86	87	87	86	87	87	87	87	87	87	87	87	86	86	86	86
Salaries and wages																					
Total librarians and other professional staff	85	86	84	86	84	86	86	86	84	85	86	86	87	87	87	86	86	83	85	84	83
All other paid staff	85	86	85	86	85	85	86	86	85	86	86	86	87	87	87	86	87	85	85	83	86
Student assistants	84	85	84	85	83	85	85	85	83	84	85	85	86	86	87	86	85	85	83	83	83
Total full-time equivalent staff	84	84	83	84	82	85	84	85	82	83	85	84	86	86	87	85	85	83	83	82	81
Employee fringe benefits (yes/no)	87	87	87	87	86	87	87	87	87	87	87	87	86	86	86	87	87	87	86	86	87
Fringe benefits	86	86	86	87	86	86	87	87	86	86	87	87	86	85	86	87	87	87	86	85	87
Part C - Expenditures																					
Information resources																					
One-time purchases of books, backfiles, etc.	85	86	84	85	83	85	85	85	83	85	87	85	87	87	87	87	86	83	84	84	81
Electronic	79	80	77	79	78	79	80	79	76	79	83	80	82	81	80	82	79	75	78	77	73
Audiovisual	82	84	81	82	82	80	83	82	80	83	85	83	81	81	79	84	83	81	83	81	78
Ongoing commitments to serial subscriptions	85	86	84	85	83	85	85	85	82	85	87	85	87	87	87	87	86	83	84	83	80
Electronic serials	81	83	79	82	79	82	83	80	76	82	84	84	83	85	83	85	83	79	79	80	73
Other information resources																					
Document delivery/interlibrary loan	85	86	84	85	84	85	86	86	83	85	87	85	87	86	86	87	86	83	84	84	81
Preservation	85	85	84	85	83	85	86	85	83	85	87	85	87	85	86	87	86	83	84	83	81
Other expenditures for information resources	85	86	84	85	83	85	86	86	82	86	87	85	86	86	86	87	86	83	84	84	81
Operating expenditures																					
Computer hardware and software	85	86	84	85	83	85	86	85	82	85	87	85	87	87	87	87	86	83	84	83	81
Bibliographic utilities, networks and consortia	85	86	84	85	83	85	86	86	83	85	87	85	86	87	86	87	86	83	84	84	81
All other operating expenditures	85	85	84	85	83	85	86	85	83	85	87	85	86	86	86	87	86	83	84	83	81
Total expenditures	82	84	81	84	81	84	83	84	80	83	85	83	86	85	86	85	85	83	81	81	78

Appendix H—Academic Libraries Survey Response Rates

Table H-3c. (cont'd) - Academic Libraries Survey Total Response Rates (NCES) by Publication Cell: 2004

	Overall	Public	Private	4-year+	Less than 4-year	Doctors	Masters	Bachelors	Enrolled under 1,000	1,000 to 2,999	3,000 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 or more	Doctoral/Research	Master's I and II	Baccalaureate	Baccalaureate/Associates	Specialized	Not classified	
Part D - Collections																					
Added during the fiscal year																					
Books, serial backfiles and other paper materials	84	85	83	85	82	85	85	84	82	84	86	86	87	85	86	87	85	83	83	83	79
E-books	80	82	79	81	78	79	81	81	76	81	84	84	83	74	78	84	82	81	80	77	74
Microforms	81	82	79	82	78	83	83	79	76	82	84	84	84	82	83	85	84	81	79	78	73
Audiovisual materials	83	84	82	84	82	83	84	83	81	83	85	85	85	82	83	85	85	83	83	82	77
Current serial titles	83	84	82	84	82	83	84	84	81	83	86	85	84	81	83	85	84	83	83	83	78
Electronic reference and aggregation services	73	74	73	74	72	70	77	75	72	74	78	75	70	62	65	77	76	73	73	74	70
Held at end of fiscal year																					
Books, serial backfiles and other paper materials	84	85	83	85	83	85	85	85	82	85	86	86	87	85	86	87	86	83	83	83	80
E-books	78	80	77	80	75	81	81	80	73	79	83	83	84	81	83	84	82	79	76	75	71
Microforms	80	83	78	82	77	84	83	80	74	82	83	85	85	85	86	86	85	79	78	77	71
Audiovisual materials	83	84	82	84	81	84	84	84	80	84	85	85	85	84	85	86	85	81	82	82	77
Current serial titles	84	85	83	85	82	85	85	85	82	84	86	86	86	85	85	87	86	83	83	83	79
Electronic reference services	74	75	73	76	72	75	78	75	71	75	79	78	74	73	75	80	78	71	73	72	68
Electronic library collection (yes/no)	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87
Part E - Library Services (Year)																					
Interlibrary loans and documents provided																					
Returnable	82	84	81	83	81	83	83	83	79	84	86	83	85	79	81	85	84	83	83	81	75
Non-returnable	82	84	81	83	81	83	83	83	79	84	86	83	85	79	81	85	84	83	83	81	75
Total provided	83	85	82	85	82	86	85	83	80	84	87	85	87	85	86	86	86	83	83	82	75
Interlibrary loans and documents received																					
Returnable	83	84	81	83	82	82	83	83	80	83	86	83	85	78	80	85	84	83	83	81	75
Non-returnable	83	84	81	83	82	82	83	83	80	83	86	83	85	78	80	85	84	83	83	81	75
Documents received from commercial services	80	82	78	80	80	78	82	80	78	81	83	81	78	75	74	84	81	77	81	79	74
Total received	84	85	82	85	82	85	85	84	81	84	87	86	87	85	86	87	85	83	83	83	76
Circulation																					
General circulation transactions	83	84	82	84	81	85	84	83	79	84	85	85	86	85	86	86	85	79	81	81	77
Reserve circulation transactions	79	81	78	80	78	79	81	79	77	81	81	82	81	76	78	82	82	77	79	78	74
Information services to groups																					
Number of presentations	84	85	83	85	82	85	85	84	81	84	86	85	87	85	86	86	85	83	83	83	77
Total attendance at all presentations	84	85	83	85	82	85	85	84	81	84	86	85	87	85	86	86	85	83	83	82	77
Part F - Library Services (Typical Week)																					
Number of weekly public service hours	85	86	84	85	83	85	85	85	82	85	87	86	87	84	86	87	86	85	84	83	80
Gate count in a typical week	83	84	82	84	82	83	84	84	81	84	85	85	86	81	84	86	84	85	83	81	79
Reference transactions in a typical week	83	84	83	84	82	84	84	84	81	84	86	84	85	81	84	86	85	85	83	82	79

Appendix H—Academic Libraries Survey Response Rates

Table H-3c. (cont'd) - Academic Libraries Survey Total Response Rates (NCES) by Publication Cell: 2004

	Overall	Public	Private	4-year+	Less than 4-year	Doctors	Masters	Bachelors	Enrolled under 1,000	1,000 to 2,999	3,000 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 or more	Doctoral/Research	Master's I and II	Baccalaureate	Baccalaureate/Associates	Associates	Specialized	Not classified
Part G - Electronic Services																					
Documents digitized (yes/no)	85	86	84	85	84	86	86	85	83	86	87	86	87	85	86	87	86	87	84	84	80
Email or web library reference service (yes/no)	85	86	84	85	84	86	86	85	83	86	87	86	87	85	86	87	86	87	85	84	80
Technology to assist patrons (yes/no)	85	86	84	85	84	86	86	85	83	85	87	86	87	85	86	87	86	87	84	84	80
Electronic theses and dissertations (yes/no)	85	86	84	85	84	86	86	85	83	86	87	86	87	85	86	87	86	87	84	84	80
Part H - Information Literacy																					
Definition of information literacy (yes/no)	84	85	84	85	83	85	86	85	82	85	87	85	86	85	86	87	86	87	84	83	80
Incorporated literacy in mission (yes/no)	84	85	84	85	83	85	86	85	82	85	87	85	86	85	86	87	86	87	84	83	80
Incorporated literacy in plan (yes/no)	84	85	84	85	83	85	86	85	82	85	87	85	86	85	86	87	86	87	84	83	80
Institution-wide committee on literacy (yes/no)	81	83	79	83	78	83	83	82	75	82	86	84	85	83	84	86	84	87	80	77	72
Strategic plan recognizing literacy role (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

SOURCE: U.S. Census Bureau, Academic Libraries Survey, 2000, 2002, 2004, 2006, and 2008. Although the data in this table come from a census of academic libraries and are not subject to sampling error, the census results do contain nonsampling error. Additional information on nonsampling error, response rates, and definitions may be found in Appendix A Technical Notes of the Academic Libraries: 2008 First Look.

--data not collected in 2004

Appendix H—Academic Libraries Survey Response Rates

Table H-3d. Academic Libraries Survey Total Response Rates (NCES) by Publication Cell: 2002

	Overall	Public	Private	4-year+	Less than 4-year	Doctors	Masters	Bachelors	Enrolled under 1,000	1,000 to 2,999	3,000 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 or more	Doctoral/Research	Master's I and II	Baccalaureate	Baccal/Assoc	Associates	Specialized	Not classified
Eligibility Questions																					
Organized collection (yes/no)	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89
Paid, trained library staff (yes/no)	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89
Established hours (yes/no)	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89
Physical facilities (yes/no)	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89
Part A - Outlets																					
Branches	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89	89
Part B - Staff																					
Number of full-time equivalents																					
Librarians	88	89	88	89	88	89	89	88	88	89	89	88	89	89	89	89	89	88	88	88	89
Other professional staff	88	89	88	89	88	89	89	88	88	89	89	88	89	89	89	89	89	88	88	88	89
Total librarians and other professional staff	88	89	88	89	88	89	89	88	88	89	89	88	89	89	89	89	89	88	88	88	89
All other paid staff	88	88	88	89	88	89	88	88	88	89	89	88	89	89	89	86	88	88	88	89	89
Student assistants	88	88	88	89	88	88	89	88	88	88	88	89	89	88	89	89	88	88	88	89	89
Total full-time equivalent staff	88	88	88	88	88	88	88	88	88	88	88	89	89	88	89	86	88	88	88	89	89
Salaries and wages																					
Total librarians and other professional staff	87	88	87	87	87	88	87	87	86	88	88	88	87	89	89	87	88	86	87	86	88
All other paid staff	87	88	87	87	87	88	87	87	86	88	88	88	87	89	89	87	87	89	87	87	89
Student assistants	86	86	85	86	85	87	86	86	85	86	86	86	86	87	88	87	87	82	85	84	84
Total full-time equivalent staff	85	86	84	85	84	87	84	85	83	86	86	86	86	87	88	86	86	82	85	83	83
Employee fringe benefits (yes/no)	88	88	88	88	88	88	88	88	88	88	88	88	89	89	89	88	86	88	88	89	89
Fringe benefits	88	88	87	88	88	88	87	88	88	88	87	88	87	89	89	88	88	84	88	87	89
Part C - Expenditures																					
Information resources																					
One-time purchases of books, backfiles, etc.	87	88	86	87	86	87	88	86	85	88	88	88	87	89	88	88	87	84	87	86	84
Electronic	80	81	79	80	80	80	81	78	78	81	82	82	81	80	80	83	81	65	80	78	78
Audiovisual	81	82	80	80	83	79	80	81	81	83	82	82	77	73	76	81	80	76	83	81	79
Ongoing commitments to serial subscriptions	87	87	86	87	86	87	87	86	85	88	88	88	87	89	88	88	87	84	86	86	83
Electronic serials	82	85	80	82	82	82	84	81	78	84	85	85	85	83	84	85	86	74	82	78	76
Other information resources																					
Document delivery/interlibrary loan	86	87	86	87	86	87	87	86	85	87	88	88	87	83	87	88	87	84	87	86	83
Preservation	87	87	86	87	86	87	88	86	85	88	88	88	87	86	87	88	87	84	87	86	83
Other expenditures for information resources	87	87	86	87	86	87	88	86	85	87	88	88	87	89	88	88	87	82	86	86	84
Operating expenditures																					
Computer hardware and software	87	87	86	87	86	87	87	86	85	87	88	88	87	86	88	88	87	82	86	86	84
Bibliographic utilities, networks and consortia	87	87	86	87	86	87	87	86	85	87	88	87	87	84	87	88	87	84	87	86	83
All other operating expenditures	87	87	86	87	86	87	87	86	85	87	88	88	87	89	88	88	87	84	86	86	83
Total expenditures	83	85	81	83	82	85	83	82	80	84	86	85	86	82	86	85	84	78	83	81	78

Appendix H—Academic Libraries Survey Response Rates

Table H-3d. (cont'd) - Academic Libraries Survey Total Response Rates (NCES) by Publication Cell: 2002

	Overall	Public	Private	4-year+	Less than 4-year	Doctors	Masters	Bachelors	Enrolled under 1,000	1,000 to 2,999	3,000 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 or more	Doctoral/Research	Master's I and II	Baccalaureate	Baccalaureate/Associates	Specialized	Not classified	
Part D - Collections																					
Added during the fiscal year																					
Books, serial backfiles and other paper materials	85	86	84	86	84	86	86	84	83	86	87	86	87	89	88	86	86	84	85	84	82
E-books	78	79	77	78	78	75	79	79	77	79	81	79	75	68	72	80	80	76	78	77	74
Microforms	82	84	81	83	80	84	85	81	79	84	83	86	86	82	85	86	86	82	81	80	76
Audiovisual materials	84	85	83	84	84	83	85	84	82	86	86	85	84	80	83	85	86	84	85	83	79
Current serial titles	83	84	82	83	83	83	84	82	81	84	85	84	83	80	83	84	83	82	83	81	80
Electronic reference and aggregation services	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Held at end of fiscal year																					
Books, serial backfiles and other paper materials	86	87	85	86	85	87	87	85	84	87	88	87	87	89	88	88	86	86	86	84	82
E-books	57	60	55	57	58	59	58	55	54	58	60	64	62	57	59	63	58	49	58	52	47
Microforms	82	85	80	84	80	85	85	80	77	85	84	86	87	89	88	87	85	78	80	79	74
Audiovisual materials	85	86	84	85	85	85	85	85	83	86	86	86	86	86	86	86	86	84	85	83	80
Current serial titles	84	86	83	84	83	86	84	83	82	85	87	85	86	89	88	86	84	84	84	82	80
Electronic reference services	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Electronic library collection (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Part E - Library Services (Year)																					
Interlibrary loans and documents provided																					
Returnable	84	85	83	84	84	83	85	84	83	86	85	83	84	78	81	86	85	82	85	83	82
Non-returnable	84	85	83	84	84	83	85	84	83	86	85	83	84	78	81	86	85	82	85	83	82
Total provided	86	87	85	86	85	87	87	85	84	87	88	87	87	89	88	88	87	84	85	84	83
Interlibrary loans and documents received																					
Returnable	84	85	83	84	85	83	85	84	84	86	85	83	84	78	81	86	85	82	85	83	82
Non-returnable	84	85	83	84	85	83	85	84	84	86	85	83	84	78	81	86	85	82	85	83	82
Documents received from commercial services	82	83	81	81	83	79	84	81	81	84	84	82	79	73	76	85	82	80	83	81	79
Total received	86	87	85	86	86	88	87	84	84	87	88	87	87	89	88	88	87	84	86	85	83
Circulation																					
General circulation transactions	73	76	71	76	69	79	77	72	67	76	77	79	79	76	79	80	79	63	69	70	72
Reserve circulation transactions	73	76	70	76	68	78	77	71	66	75	77	79	79	76	79	80	79	63	68	70	67
Information services to groups																					
Number of presentations	86	87	85	86	85	86	87	85	84	87	87	86	87	87	87	87	86	86	85	84	84
Total attendance at all presentations	86	87	85	86	85	86	87	85	84	87	87	86	87	87	87	88	86	86	86	84	84
Part F - Library Services (Typical Week)																					
Number of weekly public service hours	88	88	88	88	88	88	88	87	87	88	89	88	88	87	88	89	88	86	88	87	86
Gate count in a typical week	84	86	83	84	85	84	84	84	84	85	84	85	86	80	85	86	83	82	85	82	85
Reference transactions in a typical week	86	87	85	86	85	87	86	85	84	87	87	87	87	86	88	88	86	84	85	83	86

Appendix H—Academic Libraries Survey Response Rates

Table H-3d. (cont'd) - Academic Libraries Survey Total Response Rates (NCES) by Publication Cell: 2002

	Overall	Public	Private	4-year+	Less than 4-year	Doctors	Masters	Bachelors	Enrolled under 1,000	1,000 to 2,999	3,000 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 or more	Doctoral/Research	Masters I and II	Baccalaureate	Baccalaureate/Associates	Associates	Specialized	Not classified
Part G - Electronic Services																					
Documents digitized (yes/no)	87	88	87	88	87	88	88	87	87	88	88	87	88	89	88	88	88	86	87	87	86
Email or web library reference service (yes/no)	88	88	87	88	87	88	88	87	87	88	88	87	88	89	88	88	88	86	87	87	86
Technology to assist patrons (yes/no)	88	88	87	88	87	88	88	87	87	88	88	87	88	89	88	88	88	86	87	87	86
Electronic theses and dissertations (yes/no)	87	88	87	87	87	87	88	86	86	88	88	87	87	86	88	88	87	86	87	86	86
Part H - Information Literacy																					
Definition of information literacy (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Incorporated literacy in mission (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Incorporated literacy in plan (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Institution-wide committee on literacy (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Strategic plan recognizing literacy role (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

SOURCE: U.S. Census Bureau, Academic Libraries Survey, 2000, 2002, 2004, 2006, and 2008. Although the data in this table come from a census of academic libraries and are not subject to sampling error, the census results do contain nonsampling error. Additional information on nonsampling error, response rates, and definitions may be found in

Appendix A Technical Notes of the Academic Libraries: 2008 First Look.

--data not collected in 2002

Appendix H—Academic Libraries Survey Response Rates

Table H-3e. Academic Libraries Survey Total Response Rates (NCES) by Publication Cell: 2000

	Overall	Public	Private	4-year+	Less than 4-year	Doctors	Masters	Bachelors	Enrolled under 1,000	1,000 to 2,999	3,000 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 or more	Doctoral/Research	Master's I and II	Baccalaureate	Baccal/Assoc	Associates	Specialized	Not classified
Eligibility Questions																					
Organized collection (yes/no)	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87
Paid, trained library staff (yes/no)	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87
Established hours (yes/no)	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87
Physical facilities (yes/no)	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87
Part A - Outlets																					
Branches	83	84	82	83	83	84	83	83	82	83	83	83	85	84	84	83	83	--	83	83	82
Part B - Staff																					
Number of full-time equivalents																					
Librarians	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	--	87	87	87
Other professional staff	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	--	87	87	87
Total librarians and other professional staff	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	87	--	87	87	87
All other paid staff	86	87	86	87	86	87	87	87	86	87	86	87	87	87	87	87	87	--	86	86	85
Student assistants	87	87	87	87	86	87	87	87	87	87	86	87	87	87	87	87	87	--	86	87	87
Total full-time equivalent staff	86	86	86	87	85	87	86	87	85	87	86	86	87	87	87	87	87	--	85	86	85
Salaries and wages																					
Total librarians and other professional staff	86	87	85	86	85	87	85	86	84	86	86	86	87	86	87	87	86	--	86	84	83
All other paid staff	82	82	81	83	80	86	82	83	79	83	81	83	85	84	87	84	83	--	80	81	78
Student assistants	85	86	83	85	84	86	84	84	82	85	85	86	87	85	87	86	85	--	85	83	81
Total full-time equivalent staff	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Employee fringe benefits (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fringe benefits	85	86	83	84	86	85	84	84	82	86	85	86	87	84	85	86	86	--	85	81	82
Part C - Expenditures																					
Information resources																					
One-time purchases of books, backfiles, etc.	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Electronic	86	86	85	86	85	86	86	85	84	86	86	86	87	84	86	87	87	--	86	84	83
Audiovisual	83	84	82	83	84	83	84	81	81	84	84	84	84	82	81	85	84	--	84	81	79
Ongoing commitments to serial subscriptions	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Electronic serials	86	86	85	86	85	86	86	85	84	86	86	86	87	84	86	87	87	--	86	84	83
Other information resources																					
Document delivery/interlibrary loan	86	87	85	86	85	86	86	85	84	86	86	86	87	85	86	87	87	--	86	84	83
Preservation	86	86	85	86	85	86	86	85	84	86	86	86	87	84	86	87	87	--	86	84	83
Other expenditures for information resources	86	86	85	86	85	86	86	85	84	86	86	86	87	84	86	87	87	--	86	84	83
Operating expenditures																					
Computer hardware and software	86	86	85	86	85	87	86	85	84	86	86	86	87	84	87	87	87	--	86	84	83
Bibliographic utilities, networks and consortia	86	86	85	86	85	87	86	85	84	86	86	86	87	84	87	87	87	--	86	84	83
All other operating expenditures	86	86	85	86	85	86	86	85	84	86	86	86	87	84	86	87	87	--	86	84	83
Total expenditures	80	82	79	82	79	85	80	80	77	82	80	82	85	84	86	83	81	--	79	79	76

Appendix H—Academic Libraries Survey Response Rates

Table H-3e. (cont'd) - Academic Libraries Survey Total Response Rates (NCES) by Publication Cell: 2000

	Overall	Public	Private	4-year+	Less than 4-year	Doctors	Masters	Bachelors	Enrolled under 1,000	1,000 to 2,999	3,000 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 or more	Doctoral/Research	Master's I and II	Baccalaureate	Baccalaureate/Associates	Specialized	Not classified	
Part D - Collections																					
Added during the fiscal year																					
Books, serial backfiles and other paper materials	82	84	79	83	80	84	84	80	76	84	84	84	86	84	86	86	84	--	82	78	72
E-books	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Microforms	71	75	67	74	66	76	77	68	60	74	75	78	83	75	80	83	79	--	70	61	49
Audiovisual materials	78	80	77	79	77	80	81	77	74	81	79	79	82	79	80	82	82	--	78	77	70
Current serial titles	80	81	79	80	79	79	81	80	77	82	81	81	82	75	79	82	82	--	80	79	73
Electronic reference and aggregation services	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Held at end of fiscal year																					
Books, serial backfiles and other paper materials	84	85	82	85	83	86	85	83	80	85	85	86	86	86	87	87	86	--	84	82	77
E-books	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Microforms	74	79	69	77	68	81	79	72	62	78	78	82	84	83	85	85	83	--	72	65	53
Audiovisual materials	81	82	80	82	79	82	83	82	78	84	80	80	82	84	84	83	84	--	80	80	76
Current serial titles	84	86	82	85	83	85	85	83	81	85	84	86	86	86	87	86	86	--	84	83	77
Electronic reference services	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Electronic library collection (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Part E - Library Services (Year)																					
Interlibrary loans and documents provided																					
Returnable	76	82	72	78	73	79	79	77	67	81	79	83	82	76	79	83	82	--	76	73	63
Non-returnable	76	82	72	78	74	79	79	77	67	81	78	83	82	76	79	83	82	--	76	73	64
Total provided	76	81	71	78	72	79	79	77	66	81	78	83	82	76	79	83	82	--	75	72	62
Interlibrary loans and documents received																					
Returnable	78	83	73	79	75	80	80	77	69	82	81	83	82	76	79	84	83	--	77	75	64
Non-returnable	78	83	73	79	75	80	80	77	68	82	81	83	82	76	79	84	83	--	77	75	64
Documents received from commercial services	76	78	74	75	76	73	76	77	75	77	75	78	76	70	71	77	77	--	76	74	75
Total received	80	84	75	82	76	85	82	78	70	83	84	86	85	84	86	86	84	--	78	78	65
Circulation																					
General circulation transactions	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Reserve circulation transactions	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Information services to groups																					
Number of presentations	82	85	78	82	81	84	83	81	74	84	86	86	86	84	86	86	85	--	82	77	71
Total attendance at all presentations	82	85	78	82	81	84	82	81	74	84	85	85	86	85	86	86	84	--	82	78	71
Part F - Library Services (Typical Week)																					
Number of weekly public service hours	86	87	85	86	85	86	86	86	84	86	86	87	87	86	87	87	86	--	86	84	83
Gate count in a typical week	76	80	74	75	79	74	75	76	73	77	79	78	81	75	78	78	75	--	79	70	74
Reference transactions in a typical week	81	83	79	81	80	82	81	79	76	81	82	83	85	82	84	85	81	--	81	75	76

Appendix H—Academic Libraries Survey Response Rates

Table H-3e. (cont'd) - Academic Libraries Survey Total Response Rates (NCES) by Publication Cell: 2000

	Overall	Public	Private	4-Year+	Less than 4-year	Doctors	Masters	Bachelors	Enrolled under 1,000	1,000 to 2,999	3,000 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 or more	Doctoral/Research	Master's I and II	Baccalaureate	Baccalaureate/Associates	Associates	Specialized	Not classified
Part G - Electronic Services																					
Documents digitized (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Email or web library reference service (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Technology to assist patrons (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Electronic theses and dissertations (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Part H - Information Literacy																					
Definition of information literacy (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Incorporated literacy in mission (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Incorporated literacy in plan (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Institution-wide committee on literacy (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Strategic plan recognizing literacy role (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

SOURCE: U.S. Census Bureau, Academic Libraries Survey, 2000, 2002, 2004, 2006, and 2008. Although the data in this table come from a census of academic libraries and are not subject to sampling error, the census results do contain nonsampling error. Additional information on nonsampling error, response rates, and definitions may be found in Appendix A Technical Notes of the Academic Libraries: 2008 First Look.

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Appendix I

Academic Libraries Survey Total Quantity Response Rates Used in the ALS Nonresponse Bias Analysis

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Appendix I—Academic Libraries Survey Total Quantity Response Rate

Table I-1a. Academic Libraries Survey Total Quantity Response Rates (Census) by Publication Cell: 2008

	Overall	Public	Private	4-year+	Less than 4-year	Doctors	Masters	Bachelors	Enrolled under 1,000	1,000 to 2,999	3,000 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 or more	Doctoral/Research	Master's I and II	Baccalaureate	Baccal/Assoc	Associates	Specialized	Not classified
Eligibility Questions																					
Organized collection (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Paid, trained library staff (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Established hours (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Physical facilities (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Part A - Outlets																					
Branches	87	92	82	87	89	93	72	82	76	89	88	95	92	85	93	80	91	47	87	81	81
Part B - Staff																					
Number of full-time equivalents																					
Librarians	96	98	93	96	93	98	95	89	82	94	94	98	98	99	99	97	94	89	92	86	72
Other professional staff	95	97	92	96	86	97	94	90	78	96	94	98	96	97	97	98	96	89	89	89	56
Total librarians and other professional staff	95	98	93	96	91	98	95	89	81	94	94	98	97	99	99	97	94	89	92	87	67
All other paid staff	97	98	95	97	94	98	95	92	86	95	95	97	97	99	99	97	94	99	94	89	79
Student assistants	95	98	92	96	89	98	94	88	83	93	94	97	98	98	99	95	94	89	89	83	87
Total full-time equivalent staff	96	98	93	96	92	98	94	89	82	94	94	97	97	99	99	96	94	91	92	86	73
Salaries and wages																					
Total librarians and other professional staff	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
All other paid staff	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Student assistants	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Total full-time equivalent staff	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Employee fringe benefits (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fringe benefits	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Part C - Expenditures																					
Information resources																					
One-time purchases of books, backfiles, etc.	95	96	95	96	92	96	94	90	81	93	92	98	98	96	97	97	94	86	91	80	80
Electronic	92	93	91	92	92	92	92	89	89	91	80	96	92	94	93	93	94	92	90	78	88
Audiovisual	89	92	86	89	91	86	95	92	83	93	91	95	85	86	84	95	94	98	91	81	87
Ongoing commitments to serial subscriptions	95	95	94	95	93	95	95	94	90	92	92	99	97	93	95	97	96	93	93	85	83
Electronic serials	94	94	94	94	94	94	95	91	92	93	90	99	95	93	94	97	93	95	93	89	87
Other information resources																					
Document delivery/interlibrary loan	97	97	96	97	96	96	97	97	93	96	95	98	96	97	97	96	98	97	96	90	87
Preservation	92	91	93	92	95	91	96	94	87	94	93	99	92	89	91	97	95	99	95	87	82
Other expenditures for information resources	93	95	91	93	91	93	93	89	94	95	90	99	84	96	92	95	93	99	92	98	100
Operating expenditures																					
Computer hardware and software	95	96	94	96	91	97	94	85	80	92	94	98	98	97	97	97	91	77	90	85	87
Bibliographic utilities, networks and consortia	94	95	93	94	92	95	95	92	87	94	92	98	99	92	95	95	96	71	92	85	75
All other operating expenditures	91	94	87	91	93	91	93	94	85	91	95	98	96	86	90	97	95	85	94	82	90
Total expenditures	92	92	91	93	86	93	93	87	78	90	90	95	95	92	93	96	93	88	86	77	66

Appendix I—Academic Libraries Survey Total Quantity Response Rate

Table I-1a. (cont'd) - Academic Libraries Survey Total Quantity Response Rates (Census) by Publication Cell: 2008

	Overall	Public	Private	4-year+	Less than 4-year	Doctors	Masters	Bachelors	Enrolled under 1,000	1,000 to 2,999	3,000 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 or more	Doctoral/Research	Master's I and II	Baccalaureate	Baccalaureate/Associates	Associates	Specialized	Not classified
Part D - Collections																					
Added during the fiscal year																					
Books, serial backfiles and other paper materials	95	97	93	96	90	97	94	91	83	93	92	98	97	98	98	96	94	94	90	84	82
E-books	93	95	91	94	90	92	98	96	81	98	97	99	92	91	91	97	99	96	90	92	80
Microforms	96	96	96	96	99	96	97	99	100	98	96	99	97	95	95	98	98	98	99	98	97
Audiovisual materials	80	79	82	79	91	75	92	93	84	92	93	96	95	65	74	93	96	97	91	86	75
Current serial titles	97	97	99	97	98	97	99	99	98	99	99	99	99	93	96	99	100	94	98	99	98
Electronic reference and aggregation services	94	96	92	96	72	95	94	98	91	97	81	100	96	93	96	95	95	69	73	96	94
Held at end of fiscal year																					
Books, serial backfiles and other paper materials	96	98	93	96	89	98	93	91	80	93	92	98	98	99	99	96	94	91	89	79	57
E-books	92	96	87	92	91	92	96	85	71	95	95	97	89	95	92	96	97	85	88	72	71
Microforms	96	96	95	96	91	96	95	94	93	91	90	98	98	96	96	96	95	90	90	82	59
Audiovisual materials	87	89	84	87	88	87	93	91	83	92	93	97	98	80	86	96	96	97	88	86	32
Current serial titles	95	98	93	96	91	96	96	96	88	96	95	99	93	98	96	98	98	83	91	90	92
Electronic reference services	83	93	73	85	69	95	82	60	43	96	94	100	98	93	96	100	99	50	70	40	8.7
Electronic library collection (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Part E - Library Services (Year)																					
Interlibrary loans and documents provided																					
Returnable	91	90	92	91	92	89	96	92	82	93	93	96	96	84	88	97	96	76	91	77	61
Non-returnable	86	84	89	86	82	84	94	94	81	91	93	96	93	77	83	96	94	83	80	84	89
Total provided	95	96	95	96	93	96	95	93	85	93	92	98	97	97	97	97	96	77	92	82	75
Interlibrary loans and documents received																					
Returnable	92	92	92	91	95	91	93	92	85	92	94	97	95	87	90	94	96	73	94	86	74
Non-returnable	89	88	92	90	74	88	96	97	83	96	93	97	95	80	85	96	97	94	78	91	83
Documents received from commercial services	84	96	66	72	96	75	61	88	91	68	99	82	97	96	98	21	90	100	96	94	100
Total received	95	97	92	95	94	96	93	94	85	89	94	99	97	97	97	90	96	78	94	88	79
Circulation																					
General circulation transactions	96	98	92	96	92	97	93	92	80	93	91	96	96	99	99	95	95	93	92	77	65
Reserve circulation transactions	94	96	89	94	92	94	94	96	81	93	92	92	96	94	94	96	96	97	92	78	74
Information services to groups																					
Number of presentations	93	96	87	94	89	97	90	86	76	89	91	96	95	97	99	94	93	73	89	82	70
Total attendance at all presentations	92	95	86	94	89	97	91	83	70	89	90	94	94	98	98	94	91	72	88	80	63
Part F - Library Services (Typical Week)																					
Number of weekly public service hours	84	94	78	86	80	90	90	77	68	90	91	95	96	98	98	94	92	82	81	71	53
Gate count in a typical week	90	92	86	90	89	90	89	88	74	86	90	95	94	88	91	93	88	86	90	72	63
Reference transactions in a typical week	89	95	78	90	88	95	88	74	64	88	93	93	95	96	97	94	84	78	88	67	64

Appendix I—Academic Libraries Survey Total Quantity Response Rate

Table I-1a. (cont'd) - Academic Libraries Survey Total Quantity Response Rates (Census) by Publication Cell: 2008

	Overall	Public	Private	4-year+	Less than 4-year	Doctors	Masters	Bachelors	Enrolled under 1,000	1,000 to 2,999	3,000 to 4,999	5,000 to 9,999	10,000 to 199,999	20,000 or more	Doctoral/Research	Master's I and II	Baccalaureate	Baccalaureate/Associates	Associates	Specialized	Not classified	
Part G - Electronic Services																						
Documents digitized (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Email or web library reference service (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Technology to assist patrons (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Electronic theses and dissertations (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Part H - Information Literacy																						
Definition of information literacy (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Incorporated literacy in mission (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Incorporated literacy in plan (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Institution-wide committee on literacy (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Strategic plan recognizing literacy role (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

SOURCE: U.S. Census Bureau, Academic Libraries Survey, 2000, 2002, 2004, 2006, and 2008. Although the data in this table come from a census of academic libraries and are not subject to sampling error, the census results do contain nonsampling error. Additional information on nonsampling error, response rates, and definitions may be found in Appendix A Technical Notes of the Academic Libraries: 2008 First Look.

s=suppressed, --=TQRRs not performed

Appendix I—Academic Libraries Survey Total Quantity Response Rate

Table I-1b. Academic Libraries Survey Total Quantity Response Rates (Census) by Publication Cell: 2006

	Overall	Public	Private	4-year+	Less than 4-year	Doctors	Masters	Bachelors	Enrolled under 1,000	1,000 to 2,999	3,000 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 or more	Doctoral/Research	Master's I and II	Baccalaureate	Baccal/Assoc	Associates	Specialized	Not classified
Eligibility Questions																					
Organized collection (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Paid, trained library staff (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Established hours (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Physical facilities (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Part A - Outlets																					
Branches	92	95	89	93	89	97	89	84	79	91	93	91	95	98	98	97	92	100	88	81	81
Part B - Staff																					
Number of full-time equivalents																					
Librarians	95	97	93	96	91	97	93	93	84	92	94	95	98	98	98	95	95	95	91	85	82
Other professional staff	95	96	93	96	89	97	92	94	88	93	89	95	95	98	98	94	97	90	88	85	95
Total librarians and other professional staff	95	97	93	96	90	97	93	93	85	92	93	95	97	98	98	95	96	94	91	85	85
All other paid staff	96	97	94	96	92	97	94	96	88	92	95	96	97	98	98	96	95	98	93	85	93
Student assistants	94	95	92	95	88	97	92	89	85	91	93	95	98	96	97	95	93	87	88	85	81
Total full-time equivalent staff	95	96	93	95	90	97	93	92	85	92	94	95	97	97	97	95	94	93	91	84	84
Salaries and wages																					
Total librarians and other professional staff	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
All other paid staff	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Student assistants	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Total full-time equivalent staff	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Employee fringe benefits (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fringe benefits	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Part C - Expenditures																					
Information resources																					
One-time purchases of books, backfiles, etc.	95	96	94	96	89	97	92	92	82	91	95	96	97	97	98	95	94	89	89	84	81
Electronic	88	90	86	88	87	87	94	88	83	90	95	98	92	79	86	94	96	88	87	93	75
Audiovisual	89	92	84	89	88	86	94	93	82	91	92	93	79	92	85	95	96	97	88	82	83
Ongoing commitments to serial subscriptions	95	97	93	95	90	96	93	96	88	91	95	97	94	98	97	95	96	92	90	86	89
Electronic serials	95	96	93	95	90	95	94	93	89	90	95	96	94	97	96	95	95	93	90	84	93
Other information resources																					
Document delivery/interlibrary loan	96	98	94	97	89	97	94	96	86	94	95	97	96	98	98	92	97	94	89	91	96
Preservation	96	98	94	96	94	97	90	97	82	91	96	98	96	98	98	94	93	100	95	84	91
Other expenditures for information resources	95	98	92	96	85	96	95	98	94	97	90	100	88	99	95	96	98	96	86	96	99
Operating expenditures																					
Computer hardware and software	95	95	93	95	88	96	93	91	81	89	96	96	97	96	97	95	95	84	88	84	78
Bibliographic utilities, networks and consortia	95	96	93	95	91	96	92	95	86	92	95	94	98	97	97	95	94	95	91	88	81
All other operating expenditures	96	97	95	96	92	97	95	96	84	92	95	97	96	98	97	96	97	96	92	85	90
Total expenditures	94	96	92	95	87	96	92	90	81	89	92	95	95	98	97	94	94	88	86	82	81

Appendix I—Academic Libraries Survey Total Quantity Response Rate

Table I-1b. (cont'd) - Academic Libraries Survey Total Quantity Response Rates (Census) by Publication Cell: 2006

	Overall	Public	Private	4-year+	Less than 4-year	Doctors	Masters	Bachelors	Enrolled under 1,000	1,000 to 2,999	3,000 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 or more	Doctoral/Research	Master's I and II	Baccalaureate	Baccalaureate/Associates	Specialized	Not classified	
Part D - Collections																					
Added during the fiscal year																					
Books, serial backfiles and other paper materials	95	97	92	95	90	96	93	93	84	92	93	96	96	98	97	95	94	96	91	82	86
E-books	93	94	93	93	96	92	95	95	93	94	97	98	92	90	91	95	99	86	93	89	89
Microforms	98	99	95	98	98	98	97	99	99	96	97	98	97	98	98	97	98	99	98	96	100
Audiovisual materials	90	94	86	90	89	89	94	91	84	90	86	97	92	89	89	95	96	93	88	87	82
Current serial titles	97	98	97	97	98	95	99	100	99	99	99	98	95	93	93	99	100	100	99	99	98
Electronic reference and aggregation services	98	98	97	98	97	99	97	95	96	94	100	100	90	98	98	99	97	84	97	99	81
Held at end of fiscal year																					
Books, serial backfiles and other paper materials	95	96	93	95	89	96	92	92	81	92	94	97	97	97	97	95	94	85	90	81	71
E-books	91	94	89	91	95	90	92	93	89	94	92	98	85	91	89	95	95	88	93	88	78
Microforms	96	97	94	96	90	97	95	96	91	91	93	97	96	98	97	96	96	97	90	83	91
Audiovisual materials	88	91	81	88	90	88	88	90	85	91	82	95	96	85	88	89	96	87	90	86	62
Current serial titles	96	97	95	96	95	97	95	92	89	95	97	96	97	97	97	98	96	99	95	86	73
Electronic reference services	95	98	91	96	91	97	96	84	84	88	99	100	98	96	94	99	92	97	89	86	80
Electronic library collection (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Part E - Library Services (Year)																					
Interlibrary loans and documents provided																					
Returnable	91	91	90	91	90	90	92	90	82	90	96	93	95	87	90	94	94	76	89	77	92
Non-returnable	89	89	88	89	82	88	90	92	78	91	88	96	95	84	88	93	92	75	83	85	95
Total provided	95	97	92	96	92	97	92	91	81	91	93	97	98	98	98	94	94	76	91	83	94
Interlibrary loans and documents received																					
Returnable	91	91	91	91	89	91	91	91	85	89	93	94	95	88	91	91	94	83	88	84	91
Non-returnable	91	90	91	91	66	91	92	95	77	93	91	96	93	86	90	93	95	82	69	83	95
Documents received from commercial services	88	99	81	82	99	71	91	74	86	77	99	91	86	97	96	76	92	13	99	71	79
Total received	94	97	91	95	92	96	92	92	83	88	95	97	97	97	98	90	95	82	92	84	93
Circulation																					
General circulation transactions	94	97	91	95	90	96	91	92	79	91	92	95	96	98	98	94	95	78	90	80	77
Reserve circulation transactions	91	92	90	92	88	91	92	95	83	91	93	92	97	87	91	93	96	89	88	83	91
Information services to groups																					
Number of presentations	92	94	89	94	88	96	91	91	83	88	92	93	95	97	97	94	94	87	89	85	82
Total attendance at all presentations	92	94	88	94	87	96	91	90	80	87	91	92	95	96	97	94	93	88	88	85	77
Part F - Library Services (Typical Week)																					
Number of weekly public service hours	87	93	83	89	84	92	89	86	79	89	91	93	96	97	97	93	93	85	87	79	70
Gate count in a typical week	90	92	85	90	88	90	91	91	78	86	92	91	92	92	92	93	89	67	88	79	81
Reference transactions in a typical week	91	93	86	92	88	94	90	87	79	89	90	90	95	97	96	94	94	81	88	77	76

Appendix I—Academic Libraries Survey Total Quantity Response Rate

Table I-1b. (cont'd) - Academic Libraries Survey Total Quantity Response Rates (Census) by Publication Cell: 2006

	Overall	Public	Private	4-year+	Less than 4-year	Doctors	Masters	Bachelors	Enrolled under 1,000	1,000 to 2,999	3,000 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 or more	Doctoral/Research	Master's I and II	Baccalaureate	Baccalaureate/Associates	Specialized	Not classified
Part G - Electronic Services																				
Documents digitized (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Email or web library reference service (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Technology to assist patrons (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Electronic theses and dissertations (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Part H - Information Literacy																				
Definition of information literacy (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Incorporated literacy in mission (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Incorporated literacy in plan (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Institution-wide committee on literacy (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Strategic plan recognizing literacy role (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

SOURCE: U.S. Census Bureau, Academic Libraries Survey, 2000, 2002, 2004, 2006, and 2008. Although the data in this table come from a census of academic libraries and are not subject to sampling error, the census results do contain nonsampling error. Additional information on nonsampling error, response rates, and definitions may be found in Appendix A Technical Notes of the Academic Libraries: 2008 First Look.

Appendix I—Academic Libraries Survey Total Quantity Response Rate

Table I-1c. Academic Libraries Survey Total Quantity Response Rates (Census) by Publication Cell: 2004

	Overall	Public	Private	4-year+	Less than 4-year	Doctors	Masters	Bachelors	Enrolled under 1,000	1,000 to 2,999	3,000 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 or more	Doctoral/Research	Master's I and II	Baccalaureate	Baccal/Assoc	Associates	Specialized	Not classified
Eligibility Questions																					
Organized collection (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Paid, trained library staff (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Established hours (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Physical facilities (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Part A - Outlets																					
Branches	94	96	90	95	90	98	93	87	85	88	86	98	99	100	99	97	93	96	89	83	87
Part B - Staff																					
Number of full-time equivalents																					
Librarians	95	97	94	97	89	98	94	92	81	91	94	97	99	100	100	97	95	97	90	83	73
Other professional staff	94	96	91	97	79	99	93	93	76	89	95	95	98	100	99	96	94	100	81	83	81
Total librarians and other professional staff	95	97	93	97	87	98	94	92	80	91	94	97	99	100	100	97	95	97	88	83	75
All other paid staff	97	97	96	98	91	99	95	94	86	91	93	98	99	100	100	97	95	96	92	84	78
Student assistants	95	97	93	96	88	98	94	91	83	92	93	96	99	100	99	97	94	95	88	82	79
Total full-time equivalent staff	96	97	94	97	89	98	95	92	82	91	94	97	99	100	100	97	94	96	90	83	77
Salaries and wages																					
Total librarians and other professional staff	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
All other paid staff	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Student assistants	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Total full-time equivalent staff	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Employee fringe benefits (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fringe benefits	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Part C - Expenditures																					
Information resources																					
One-time purchases of books, backfiles, etc.	97	97	96	97	89	99	94	92	80	91	95	97	100	100	100	97	95	86	89	82	76
Electronic	93	97	89	93	86	93	93	93	89	88	89	98	99	88	93	97	90	81	87	94	90
Audiovisual	90	95	83	91	90	89	95	88	78	89	94	95	83	98	88	96	92	91	90	81	80
Ongoing commitments to serial subscriptions	98	98	97	98	89	99	95	96	86	93	95	98	100	100	100	97	96	94	90	87	83
Electronic serials	97	97	96	97	90	97	95	95	90	94	95	96	96	99	98	96	96	96	90	93	86
Other information resources																					
Document delivery/interlibrary loan	97	98	95	98	92	98	94	96	90	90	93	99	100	100	100	97	94	97	92	84	95
Preservation	98	98	97	98	91	98	94	98	82	93	97	99	100	99	99	97	96	100	91	82	88
Other expenditures for information resources	99	99	99	99	96	99	95	96	94	97	97	98	99	100	100	98	97	88	96	95	88
Operating expenditures																					
Computer hardware and software	96	98	94	97	88	98	95	90	82	90	95	98	100	100	100	98	94	84	88	78	93
Bibliographic utilities, networks and consortia	96	97	95	97	91	98	93	95	83	92	95	97	99	100	99	96	94	93	91	84	77
All other operating expenditures	97	96	97	97	91	98	96	94	79	92	95	99	98	98	98	98	96	94	91	81	85
Total expenditures	95	96	94	96	86	98	93	91	79	90	93	96	98	98	98	96	94	91	86	83	74

Appendix I—Academic Libraries Survey Total Quantity Response Rate

Table I-1c. (cont'd) - Academic Libraries Survey Total Quantity Response Rates (Census) by Publication Cell: 2004

	Overall	Public	Private	4-year+	Less than 4-year	Doctors	Masters	Bachelors	Enrolled under 1,000	1,000 to 2,999	3,000 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 or more	Doctoral/Research	Master's I and II	Baccalaureate	Baccalaureate/Associates	Specialized	Not classified	
Part D - Collections																					
Added during the fiscal year																					
Books, serial backfiles and other paper materials	96	97	94	97	88	98	94	94	82	92	95	98	100	98	98	97	94	91	89	84	78
E-books	85	96	76	82	98	94	65	79	84	66	97	99	99	91	95	66	98	88	93	65	69
Microforms	96	97	95	96	98	95	98	95	92	95	98	97	98	93	95	98	95	99	98	91	88
Audiovisual materials	88	93	76	88	88	87	89	93	83	90	88	97	88	86	86	94	95	89	89	84	77
Current serial titles	98	99	98	98	99	98	99	100	99	99	100	100	96	97	97	100	100	100	99	99	97
Electronic reference and aggregation services	97	97	98	97	97	97	99	94	98	95	100	91	100	92	95	99	96	89	97	99	96
Held at end of fiscal year																					
Books, serial backfiles and other paper materials	96	96	95	96	87	97	93	93	79	91	94	98	100	97	98	97	94	86	88	78	67
E-books	92	97	86	91	97	98	81	87	88	82	98	99	100	97	98	82	98	89	95	74	79
Microforms	97	97	97	97	92	98	95	92	82	92	94	98	99	98	98	96	92	97	92	81	81
Audiovisual materials	92	95	85	92	86	93	88	91	85	91	82	97	99	90	93	91	96	88	86	86	65
Current serial titles	97	98	96	98	95	98	96	96	89	94	99	99	99	98	98	99	97	97	95	88	84
Electronic reference services	99	99	99	99	97	99	98	98	99	97	100	99	99	98	99	99	99	79	97	99	94
Electronic library collection (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Part E - Library Services (Year)																					
Interlibrary loans and documents provided																					
Returnable	91	93	88	91	89	91	92	93	75	92	94	90	96	88	91	96	94	88	89	71	78
Non-returnable	90	91	86	90	84	89	91	92	74	89	93	92	96	87	89	97	92	72	84	79	86
Total provided	95	96	94	96	90	96	94	93	76	92	96	97	100	97	98	97	96	86	90	77	82
Interlibrary loans and documents received																					
Returnable	91	92	90	92	87	91	91	96	84	90	93	90	96	88	91	93	94	97	88	83	86
Non-returnable	90	91	89	90	89	89	92	97	82	92	94	89	96	86	88	96	94	99	90	83	90
Documents received from commercial services	91	87	93	91	91	87	93	89	93	92	94	53	85	91	90	91	93	65	91	71	91
Total received	97	98	95	97	88	98	94	97	83	92	96	98	100	99	99	96	96	98	89	83	88
Circulation																					
General circulation transactions	94	95	93	95	89	96	93	89	77	90	92	96	99	95	97	98	94	84	88	77	63
Reserve circulation transactions	91	92	88	92	86	92	92	91	80	85	88	93	95	92	93	94	91	89	86	74	79
Information services to groups																					
Number of presentations	90	90	91	93	85	98	93	71	79	88	78	93	96	98	99	96	74	93	86	85	73
Total attendance at all presentations	89	89	91	91	85	98	94	63	75	89	75	91	97	98	98	97	66	92	86	83	71
Part F - Library Services (Typical Week)																					
Number of weekly public service hours	86	91	82	89	81	92	89	86	75	89	92	96	98	97	97	94	92	91	84	78	64
Gate count in a typical week	92	94	89	94	88	95	92	91	78	87	91	96	97	95	96	96	91	69	89	80	73
Reference transactions in a typical week	85	86	84	85	86	83	91	82	69	88	94	88	97	71	80	95	85	89	87	81	69

Appendix I—Academic Libraries Survey Total Quantity Response Rate

Table I-1c. (cont'd) - Academic Libraries Survey Total Quantity Response Rates (Census) by Publication Cell: 2004

	Overall	Public	Private	4-year+	Less than 4-year	Doctors	Masters	Bachelors	Enrolled under 1,000	1,000 to 2,999	3,000 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 or more	Doctoral/Research	Master's I and II	Baccalaureate	Baccalaureate/Associates	Associates	Specialized	Not classified
Part G - Electronic Services																					
Documents digitized (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Email or web library reference service (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Technology to assist patrons (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Electronic theses and dissertations (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Part H - Information Literacy																					
Definition of information literacy (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Incorporated literacy in mission (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Incorporated literacy in plan (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Institution-wide committee on literacy (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Strategic plan recognizing literacy role (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

SOURCE: U.S. Census Bureau, Academic Libraries Survey, 2000, 2002, 2004, 2006, and 2008. Although the data in this table come from a census of academic libraries and are not subject to sampling error, the census results do contain nonsampling error. Additional information on nonsampling error, response rates, and definitions may be found in Appendix A Technical Notes of the Academic Libraries: 2008 First Look.

s=suppressed, --=TQRRs not performed

Appendix I—Academic Libraries Survey Total Quantity Response Rate

Table I-1d. Academic Libraries Survey Total Quantity Response Rates (Census) by Publication Cell: 2002

	Overall	Public	Private	4-year+	Less than 4-year	Doctors	Masters	Bachelors	Enrolled Under 1,000	1,000 to 2,999	3,000 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 or more	Doctoral/Research	Master's I and II	Baccalaureate	Baccal/Assoc	Associates	Specialized	Not classified
Eligibility Questions																					
Organized collection (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Paid, trained library staff (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Established hours (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Physical facilities (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Part A - Outlets																					
Branches	93	95	89	94	88	96	93	91	85	87	92	96	95	100	96	97	93	87	88	81	92
Part B - Staff																					
Number of full-time equivalents																					
Librarians	95	97	92	96	92	97	94	92	82	92	96	97	97	100	98	98	95	91	93	81	83
Other professional staff	93	97	88	94	87	95	94	94	84	88	97	96	91	100	95	96	95	91	88	85	92
Total librarians and other professional staff	95	97	91	95	91	96	94	92	82	91	96	97	96	100	97	97	95	91	92	82	85
All other paid staff	96	97	92	96	93	96	95	93	84	91	96	97	96	100	97	99	95	90	94	80	88
Student assistants	94	97	91	95	88	97	93	92	81	92	95	96	97	100	97	97	93	87	89	81	84
Total full-time equivalent staff	95	97	91	96	91	97	94	92	82	92	96	97	96	100	97	98	94	88	92	81	86
Salaries and wages																					
Total librarians and other professional staff	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
All other paid staff	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Student assistants	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Total full-time equivalent staff	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Employee fringe benefits (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fringe benefits	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Part C - Expenditures																					
Information resources																					
One-time purchases of books, backfiles, etc.	97	97	96	97	89	99	94	92	80	91	95	97	100	100	100	97	95	86	89	82	76
Electronic	93	97	89	93	89	93	95	87	81	95	98	97	98	83	93	98	96	72	88	88	91
Audiovisual	91	95	83	91	90	90	91	92	80	90	94	83	95	98	89	94	95	91	90	82	74
Ongoing commitments to serial subscriptions	98	98	97	98	89	99	95	96	86	93	95	98	100	100	100	97	96	94	90	87	83
Electronic serials	95	96	94	96	89	96	94	93	85	93	95	94	99	96	97	97	96	78	90	88	71
Other information resources																					
Document delivery/interlibrary loan	96	97	93	96	88	96	95	94	87	87	98	98	100	97	97	98	97	93	87	85	90
Preservation	95	97	91	95	93	95	94	94	80	92	98	96	94	98	95	98	96	89	93	82	90
Other expenditures for information resources	99	98	99	99	95	99	98	97	91	98	100	100	98	100	99	100	97	87	95	96	99
Operating expenditures																					
Computer hardware and software	94	96	90	94	88	95	93	93	81	89	96	98	94	97	96	98	93	81	89	77	91
Bibliographic utilities, networks and consortia	94	96	91	94	90	95	93	92	82	89	94	96	99	96	96	95	94	94	90	84	81
All other operating expenditures	94	98	88	94	91	94	95	94	79	90	97	96	89	100	94	99	95	87	92	80	88
Total expenditures	92	94	89	93	86	94	91	90	77	88	94	93	94	95	94	96	92	72	86	81	85

Appendix I—Academic Libraries Survey Total Quantity Response Rate

Table I-1d. (cont'd) - Academic Libraries Survey Total Quantity Response Rates (Census) by Publication Cell: 2002

	Overall	Public	Private	4-year*	Less than 4-year	Doctors	Masters	Bachelors	Enrolled under 1,000	1,000 to 2,999	3,000 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 or more	Doctoral/Research	Master's I and II	Baccalaureate	Baccalaureate/Associates	Specialized	Not classified	
Part D - Collections																					
Added during the fiscal year																					
Books, serial backfiles and other paper materials	95	97	91	95	91	96	94	91	79	94	95	97	95	100	97	97	95	88	92	79	84
E-books	87	86	89	86	90	79	94	85	82	92	98	96	81	61	74	93	95	48	89	90	82
Microforms	93	96	89	93	95	92	96	94	93	92	95	95	96	89	91	97	96	97	95	83	67
Audiovisual materials	84	90	71	84	87	83	89	91	83	89	87	76	91	80	82	95	94	91	87	83	66
Current serial titles	97	99	96	98	97	97	99	98	95	99	99	99	96	96	97	99	99	91	97	95	92
Electronic reference and aggregation services	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Held at end of fiscal year																					
Books, serial backfiles and other paper materials	95	97	91	95	90	96	94	91	77	93	95	96	95	100	97	97	94	84	91	75	82
E-books	87	91	81	83	98	74	91	96	99	94	91	89	69	75	68	91	95	87	98	89	97
Microforms	96	98	92	97	88	97	96	89	82	91	94	97	97	100	97	98	94	93	88	75	81
Audiovisual materials	89	94	78	89	87	88	92	92	83	91	91	78	94	88	87	96	95	91	88	85	73
Current serial titles	79	84	73	84	53	93	72	60	69	51	74	82	96	100	97	71	65	97	54	63	88
Electronic reference services	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Electronic library collection (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Part E - Library Services (Year)																					
Interlibrary loans and documents provided																					
Returnable	87	91	82	88	85	88	90	88	54	90	91	88	94	87	88	95	93	88	85	46	62
Non-returnable	88	91	81	88	73	89	89	88	66	86	91	91	94	88	89	95	93	65	72	73	74
Total provided	94	97	90	95	86	96	92	89	69	90	95	96	98	100	98	97	95	83	85	71	78
Interlibrary loans and documents received																					
Returnable	90	91	88	90	83	89	93	94	74	90	95	89	93	88	89	95	94	97	84	66	71
Non-returnable	89	91	86	89	79	88	93	95	77	91	94	90	92	85	88	95	94	96	81	81	72
Documents received from commercial services	82	87	79	81	87	85	83	54	83	85	55	74	84	82	81	85	73	76	86	55	85
Total received	95	97	93	96	85	97	95	95	80	92	98	96	98	100	98	97	96	98	86	78	81
Circulation																					
General circulation transactions	84	87	80	85	81	86	84	79	68	82	84	89	88	85	85	91	88	63	81	67	80
Reserve circulation transactions	87	89	83	87	86	88	87	85	75	85	85	91	90	85	88	91	90	88	86	73	85
Information services to groups																					
Number of presentations	92	94	87	94	87	95	94	91	81	89	96	92	95	97	95	97	93	91	88	81	83
Total attendance at all presentations	92	94	88	95	87	97	94	93	77	90	96	91	97	98	97	97	95	90	87	78	80
Part F - Library Services (Typical Week)																					
Number of weekly public service hours	89	94	85	90	86	92	90	89	80	91	94	97	98	99	97	96	92	84	88	80	72
Gate count in a typical week	90	93	83	90	90	91	87	90	68	85	90	94	96	93	93	94	87	66	90	63	71
Reference transactions in a typical week	92	94	87	93	89	94	93	85	75	90	94	93	97	94	94	98	87	87	89	74	80

Appendix I—Academic Libraries Survey Total Quantity Response Rate

Table I-1d. (cont'd) - Academic Libraries Survey Total Quantity Response Rates (Census) by Publication Cell: 2002

	Overall	Public	Private	4-year+	Less than 4-year	Doctors	Masters	Bachelors	Enrolled under 1,000	1,000 to 2,999	3,000 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 or more	Doctoral/Research	Master's I and II	Baccalaureate	Baccalaureate/Assoc	Associates	Specialized	Not classified
Part G - Electronic Services																					
Documents digitized (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Email or web library reference service (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Technology to assist patrons (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Electronic theses and dissertations (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Part H - Information Literacy																					
Definition of information literacy (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Incorporated literacy in mission (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Incorporated literacy in plan (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Institution-wide committee on literacy (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Strategic plan recognizing literacy role (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

SOURCE: U.S. Census Bureau, Academic Libraries Survey, 2000, 2002, 2004, 2006, and 2008. Although the data in this table come from a census of academic libraries and are not subject to sampling error, the census results do contain nonsampling error. Additional information on nonsampling error, response rates, and definitions may be found in Appendix A Technical Notes of the Academic Libraries: 2008 First Look.

s=suppressed, --=TQRRs not performed

Appendix I—Academic Libraries Survey Total Quantity Response Rate

Table I-1e. Academic Libraries Survey Total Quantity Response Rates (Census) by Publication Cell: 2000

	Overall	Public	Private	4-year+	Less than 4-year	Doctors	Masters	Bachelors	Enrolled under 1,000	1,000 to 2,999	3,000 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 or more	Doctoral/Research	Master's I and II	Baccalaureate	Baccal/Assoc	Associates	Specialized	Not classified
Eligibility Questions																					
Organized collection (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Paid, trained library staff (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Established hours (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Physical facilities (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Part A - Outlets																					
Branches	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Part B - Staff																					
Number of full-time equivalents																					
Librarians	94	95	91	94	91	96	93	89	81	93	92	93	95	98	97	95	94	--	92	82	77
Other professional staff	94	96	92	95	90	97	91	88	81	91	96	93	98	98	98	94	91	--	91	89	80
Total librarians and other professional staff	94	96	91	94	91	96	92	89	81	93	93	93	95	98	97	95	94	--	92	83	78
All other paid staff	94	95	93	95	92	96	93	89	84	93	94	93	94	98	96	95	95	--	92	84	82
Student assistants	92	94	90	93	86	96	90	89	78	93	92	90	93	98	97	91	94	--	88	81	71
Total full-time equivalent staff	93	95	91	94	89	96	92	89	80	93	93	92	94	98	97	94	94	--	90	82	76
Salaries and wages																					
Total librarians and other professional staff	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	--	S	S	S
All other paid staff	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	--	S	S	S
Student assistants	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	--	S	S	S
Total full-time equivalent staff	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Employee fringe benefits (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Fringe benefits	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S	--	S	S	S
Part C - Expenditures																					
Information resources																					
One-time purchases of books, backfiles, etc.	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Electronic	92	97	86	92	83	92	94	92	90	93	90	89	98	88	91	96	95	--	85	93	73
Audiovisual	93	95	90	94	90	96	93	89	79	93	93	94	95	97	96	96	95	--	91	83	76
Ongoing commitments to serial subscriptions	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Electronic serials	95	96	94	95	91	97	92	90	84	93	94	94	96	98	98	94	95	--	91	88	70
Other information resources																					
Document delivery/interlibrary loan	93	94	92	94	89	94	92	91	87	91	95	92	94	95	95	94	95	--	89	83	70
Preservation	96	96	95	96	95	97	93	90	80	93	95	97	95	99	98	95	95	--	95	80	72
Other expenditures for information resources	92	94	89	92	92	92	91	93	83	98	98	94	85	96	91	96	96	--	94	94	64
Operating expenditures																					
Computer hardware and software	92	96	86	93	89	94	93	91	78	93	93	94	96	92	94	95	95	--	90	84	66
Bibliographic utilities, networks and consortia	94	96	91	94	91	95	93	91	80	93	94	94	95	97	96	94	95	--	91	82	71
All other operating expenditures	87	92	81	87	91	87	91	88	80	88	94	96	93	80	86	94	93	--	91	81	80
Total expenditures	92	93	90	93	84	94	88	86	75	89	89	92	93	95	95	92	91	--	85	79	73

Appendix I—Academic Libraries Survey Total Quantity Response Rate

Table I-1e. (cont'd) - Academic Libraries Survey Total Quantity Response Rates (Census) by Publication Cell: 2000

	Overall	Public	Private	4-year*	Less than 4-year	Doctors	Masters	Bachelors	Enrolled under 1,000	1,000 to 2,999	3,000 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 or more	Doctoral/Research	Master's I and II	Baccalaureate	Baccalaureate/Associates	Specialized	Not classified	
Part D - Collections																					
Added during the fiscal year																					
Books, serial backfiles and other paper materials	92	94	90	93	88	94	91	85	71	92	93	93	94	95	95	94	91	--	90	77	70
E-books	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Microforms	88	90	86	89	82	90	91	74	65	85	88	87	95	88	89	93	87	--	84	62	61
Audiovisual materials	82	80	85	82	84	80	87	80	71	84	90	94	91	70	79	91	92	--	87	75	57
Current serial titles	68	81	55	68	68	70	64	72	61	63	78	80	71	63	66	75	66	--	70	67	53
Electronic reference and aggregation services	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Held at end of fiscal year																					
Books, serial backfiles and other paper materials	94	95	92	94	88	96	92	87	75	93	92	94	94	98	97	94	93	--	89	75	59
E-books	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Microforms	93	96	87	93	89	94	94	76	69	91	92	92	95	95	94	95	91	--	89	67	66
Audiovisual materials	90	96	82	91	83	92	88	81	71	87	88	90	95	91	92	91	93	--	86	78	46
Current serial titles	97	98	96	97	95	99	92	93	89	94	96	96	98	100	99	96	94	--	96	87	83
Electronic reference services	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Electronic library collection (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Part E - Library Services (Year)																					
Interlibrary loans and documents provided																					
Returnable	84	89	76	84	84	87	82	71	44	87	87	89	91	88	88	91	90	--	81	49	25
Non-returnable	85	89	76	85	74	87	82	72	53	88	89	86	87	88	87	89	88	--	72	74	36
Total provided	84	89	76	85	81	87	82	72	48	87	88	88	89	88	88	90	89	--	79	64	30
Interlibrary loans and documents received																					
Returnable	87	89	82	87	79	86	88	88	72	91	92	89	85	86	85	91	92	--	79	83	60
Non-returnable	87	89	83	87	81	87	89	88	65	90	90	88	88	85	87	91	93	--	81	69	47
Documents received from commercial services	80	81	78	80	78	80	82	80	58	84	78	82	82	73	81	85	81	--	79	71	48
Total received	93	94	90	93	87	95	91	89	73	93	93	94	92	96	95	94	94	--	87	82	56
Circulation																					
General circulation transactions	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Reserve circulation transactions	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Information services to groups																					
Number of presentations	90	92	85	91	86	93	89	88	71	90	89	93	92	94	94	94	92	--	87	77	68
Total attendance at all presentations	90	93	84	92	87	94	90	90	65	91	91	92	93	95	95	94	93	--	88	76	65
Part F - Library Services (Typical Week)																					
Number of weekly public service hours	87	93	83	88	85	91	89	85	76	92	92	93	95	96	95	94	93	--	88	77	72
Gate count in a typical week	82	87	73	82	84	83	82	78	57	81	83	82	88	86	85	86	79	--	85	63	59
Reference transactions in a typical week	88	90	84	90	82	92	89	82	67	87	88	87	93	92	95	90	88	--	84	71	66

Appendix I—Academic Libraries Survey Total Quantity Response Rate

Table I-1e. (cont'd) - Academic Libraries Survey Total Quantity Response Rates (Census) by Publication Cell: 2000

	Overall	Public	Private	4-year+	Less than 4-year	Doctors	Masters	Bachelors	Enrolled under 1,000	1,000 to 2,999	3,000 to 4,999	5,000 to 9,999	10,000 to 19,999	20,000 or more	Doctoral/Research	Master's I and II	Baccalaureate	Baccalaureate/Associates	Associates	Specialized	Not classified
Part G - Electronic Services																					
Documents digitized (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Email or web library reference service (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Technology to assist patrons (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Electronic theses and dissertations (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Part H - Information Literacy																					
Definition of information literacy (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Incorporated literacy in mission (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Incorporated literacy in plan (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Institution-wide committee on literacy (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Strategic plan recognizing literacy role (yes/no)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

SOURCE: U.S. Census Bureau, Academic Libraries Survey, 2000, 2002, 2004, 2006, and 2008. Although the data in this table come from a census of academic libraries and are not subject to sampling error, the census results do contain nonsampling error. Additional information on nonsampling error, response rates, and definitions may be found in Appendix A Technical Notes of the Academic Libraries: 2008 First Look.

s=suppressed, --=TQRRs not performed