
ED TABS ACADEMIC LIBRARIES: 1992

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INTRODUCTION

This report is based on information from the 1992-93 IPEDS (Integrated Postsecondary Education Data System) Academic Libraries survey. IPEDS is the U.S. Department of Education's vehicle for collecting data from all postsecondary institutions in the United States. Other surveys included within IPEDS are Institutional Characteristics, Fall Enrollment, Completions, Finance, Faculty Salaries, and Staff. IPEDS is an extension of earlier data efforts by the National Center for Education Statistics (NCES). The data in this report come from the higher education institutions in IPEDS and include all colleges and

universities with accreditation at the higher education level as recognized by the Secretary of Education. At the national level, 90.5 percent of the libraries responded. Data were imputed for nonrespondents but caution should be exercised when comparing estimates by state. See the section on METHODOLOGY following the tables for more detail. See especially table B for the number and percent of non-responding academic libraries by state, level and control of institution.

The tables in this publication summarize library staff, library operating expenditures, library collections, library loan transactions, and library service per typical week for libraries in higher education institutions in the 50 States and District of Columbia (D.C.). Staff and service data are for fall 1992, whereas the remainder of the data cover FY 1992. FY 1992 is defined as any 12-month period between July 1, 1991, through September 30, 1992, that corresponds to the institution's fiscal year.

The Academic Libraries survey has been carried out by NCES since 1966. Although there have been changes in the form over the years, the series is generally considered to be continuous. Beginning with the 1990 survey, the Academic Libraries survey has been conducted on a 2-year cycle.

HIGHLIGHTS

In 1992, total operating expenditures for libraries at the 3,274 institutions of higher education totaled \$3.6 billion (table 1A).

The three largest individual expenditure items for all academic libraries were salaries and wages, \$1.9 billion (51.8 percent); current serial subscription expenditures, \$639 million (17.5 percent); and print material expenditures, \$421 million (11.5 percent) (tables 2A and 3A).

The libraries of the 500 doctoral-granting institutions (15.3 percent of the total institutions) accounted for \$2.3 billion, or 62 percent of the total operating expenditure dollars at all college and university libraries. This included \$1.1 billion for salaries and wages, \$467 million current serial subscription expenditures and \$253 million print material expenditures (tables 2B and 3B).

The number of volumes held at all academic libraries at the end of fiscal year 1992 totaled about 749 million (table 5A).

Libraries at institutions granting doctoral degrees held about 471 million volumes, or 63 percent of the total volumes held (table 5B).

The total number of full-time equivalent (FTE) staff members in college and university libraries equaled about 96,000, including about 26,000 librarians and other professional staff, 40,000 other paid staff, 29,000 student assistants, and 404 staff who contributed their services (table 4A).

Libraries at institutions granting doctoral degrees accounted for 52,000, or half of all, FTE staff at all academic libraries. This included about 14,000 librarians and other professional staff, 24,000 other paid staff, 14,000 student assistants, and 128 staff who contributed their services (table 4B).

Academic libraries had 229 million circulation transactions; 78.8 percent from general collections, and 21.2 percent from

reserve collections (table 9A).

Libraries at institutions granting doctoral degrees accounted for more than half of this total circulation with 129 million circulation transactions (table 9B).

LIST OF TABLES

- 1A. Total operating expenditures and number of libraries by category of total operating expenditures, by state for all higher education institutions: 1992

- 1B. Total operating expenditures and number of libraries by category of total operating expenditures, by level and control of institution: 1992

- 2A. Library operating expenditures by object of expenditure, and salaries as a percent of total operating expenditures by state for all higher education institutions:

1992

2B. Library operating expenditures by object of expenditure, and salaries as a percent of total operating expenditures, by level and control of institution: 1992

3A. Operating expenditures for collections and equipment by category of collection and type of equipment by state for all higher education institutions: 1992

3B. Operating expenditures for collections and equipment by category of equipment by level and control of institution: 1992

4A. Number and percent of FTE library staff in academic libraries by staff category by state for all higher education institutions: 1992

4B. Number and percent of FTE staff in academic libraries by staff category and by institutional level and control: 1992

5A. Number of volumes of books, bound serials and government

documents held at the end of the year and number of libraries
by number of volumes by state for all higher education
institutions: 1992

5B. Number of volumes of books, bound serials and government
documents held at the end of the year and number of libraries
by number of volumes by level and control of institution: 1992

6A. Number of volumes, units, and linear feet held at the
end of the year and number added during the year by material
collection category, in all academic libraries by state for
all higher education institutions: 1992

6B. Number of volumes, units, and linear feet held at the
end of the year and number added during the year by material
collection category, in all academic libraries by level and
control of institution: 1992

7A. Number of unduplicated titles held at the end of the
year in academic libraries by material collection category
and state for all higher education institutions: 1992

7B. Number of unduplicated titles held at the end of the

year in academic libraries by material collection category,
and level and control of institution: 1992

8A. Number of unduplicated titles added during the year by
material collection category, by state for all higher
education institutions: 1992

8B. Number of unduplicated titles added during the year by
material collection category, and by level and control of
institution: 1992

9A. Total number of library loan transactions by type of
transaction, in academic libraries by state for all higher
education institutions: 1992

9B. Total number of library loan transactions by type of
transaction, in academic libraries by level and control of
institution: 1992

10A. Public service hours per typical week and number of
libraries by category of public service hours per typical
week in academic libraries by state for all higher education
institutions: 1992

- 10B. Public service hours per typical week and number of libraries by category of public service hours per typical week in academic libraries by control and type of institution: 1992
- 11A. Academic library expenditures for serials, collections, and salaries and wages as a percentage of total library operating expenditures and as a percentage of educational and general (E&G) expenditures, United States: 1992
- 11B. Total operating expenditures for academic libraries and collection expenditures per full time equivalent (FTE) student, United States: 1992
- 11C. Number of volumes and serials held by academic libraries and volumes added by academic libraries per full time equivalent (FTE) student, United States: 1992
- 11D. Academic library circulation per full time equivalent (FTE) student, United States: 1992
- 11E. Total academic library staff per 1,000 full time

equivalent (FTE) students, United States: 1992

METHODOLOGY TABLES

- A. Number of academic libraries responding with a positive value by item and level and control of institution: 1992

- B. Number and percent of non-responding academic libraries by state, and level and control of institution: 1992

- C. Number of academic libraries by state, level and control of institution: 1992

METHODOLOGY

Scope. The Academic Libraries survey was mailed to the 3,615

higher education institutions in the United States in August 1992 and to 284 other postsecondary institutions that had one or more instructional programs of 4 years or more.

Of the 3,615 higher education institutions, the 101 institutions that did not have their own library but shared a library with one or more of 60 other institutions were excluded from the survey, and 240 institutions that were found to be out-of-scope because they did not have an academic library as defined by the survey. An Academic Library is defined as an organized collection of printed, microform, and audiovisual materials which (a) is administered as one or more units, (b) is located in one or more designated places, and (c) makes printed, microform, and audiovisual materials, as well as necessary equipment and services of a staff, accessible to students and to faculty. This includes units meeting the above definition which are part of a learning resource center. The library is operated by a postsecondary education institution. Thus there were 3,274 academic libraries in the colleges and universities in the 50 states and District of Columbia.

Only 109 of the 284 other postsecondary institutions mailed to responded to the 1992 academic library survey. We therefore can not produce statistically acceptable estimates for that group of

institutions.

New Data Collection Procedures for 1990 and 1992. In July 1990, an NCES/IPEDS academic library survey improvement project was begun with the assistance of the National Commission on Libraries and Information Science (NCLIS) and the American Library Association's Office of Research and Statistics (ALA-ORS). The project identified a librarian in each state to work with the Integrated Postsecondary Education Data System (IPEDS) Coordinators in submitting library data to NCES. For the 1990 and 1992 data collections, some of those library representatives took major responsibility for collecting data in their state. Others were available to promote prompt responses from librarians and to assist in problem resolution when anomalies were discovered in completed questionnaires.

The project also assisted NCES in developing a microcomputer software package prepared for use by states in reporting library data to NCES. The software package was named Input and Data Editing for Academic Library Statistics (IDEALS). Academic librarians within each state completed hard copy forms as in the past and returned them to the state's library representative or

IPEDS Coordinator. States were given the option of submitting the library forms to NCES but were encouraged to enter those data into IDEALS and submit the data on diskette to NCES. Forty-five states and the District of Columbia chose the diskette option for the 1992 survey.

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

Editing and Imputation. The IDEALS computer program described above includes many edit checks providing some warnings as the data are being keyed and provides an edit/error report after the data have been keyed. Examples of these edit checks are listed below:

- (1) Summations - reported totals are compared with the sums of the constituent data items. If they are not equal, an error message is generated.

- (2) Relational edit checks - the program compares data

entries from one section of the questionnaire with data entries from another section of the questionnaire for consistency. For example, if print materials were added to during the fiscal year the program would expect some expenditure to be reported for print materials. If one is reported without the other an error message is generated. Another example is the number of volumes of print materials added during the fiscal year cannot exceed the total number of volumes held at the end of the fiscal year.

(3) Range checks - examples: If the average salary of librarians is less than \$20,000, or greater than \$100,000, an error message is generated. If any of the collections data, except for volumes held at the end of the year is greater than 1,000,000, an error message is generated. If the reported hours of service is less than 10 hours per week or greater than 168 hours per week an error message is generated.

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

After the data were received by NCES from every state, the data files were merged and general edits and imputations were performed. Some examples follow.

If a total was blank or zero, but there were one or more positive subtotals the total was changed to equal the sum of the subtotals.

If, for a given record, there was a reported total but all subtotals were either zero or blank, then it was assumed that the subtotals should have positive values, and values were imputed. For purposes of imputation, the higher education file was divided into 16 imputation classes based upon highest level of degree (Doctor's, Master's, Baccalaureate, and Associate), and by control and size of institution (public, less than the median number of degrees; public, equal to or greater than the median; private, less than the median; private, equal to or greater than the median). To calculate the imputed value for a subtotal, the average estimate was calculated across the set of respondents including ones for which the total was obtained by adding the subtotals, but excluding those for which the sum of the subtotals did not originally equal the total.

The average subtotal value was divided by the average total value within each imputation class to obtain an average proportion, and the average proportion was multiplied by the reported total to obtain the imputed subtotal value.

If, for key items total staff (Part B, line 6) and total operating expenditures (Part C, line 19), the total and all subtotals were blank or zero, they were imputed by using the average by imputation class from the set of respondents described above. Zero is not a valid entry for those key items.

Values were also imputed for the key items book volumes held at the end of the year (Part D, line 20, column 2) and general collection circulation transactions (Part E, line 38). Imputation was done from a set of valid responses (including only positive values for these items) by imputation class for both partial respondents and complete nonrespondents. Of the 3,274 college and university academic libraries, 283, or 9.5 percent, were complete nonrespondents.

For all other items blank responses were changed to zeros for the partial respondents. The average of the values for complete and

partial respondents was then imputed for the set of complete nonrespondents. Tables A and B present further information on response rates and imputation.

The first three rows of table A present the number of academic libraries and of those the number of nonrespondents and respondents at the national level by level and control of institution. In addition, the remaining rows show the number of libraries responding with a positive value (i.e., greater than zero) for each item at the national level.

Caution on the analysis of data by state and by level and control of institution. Since the number of complete nonresponses can vary by state and affect the reliability of the state estimates, table B presents the distribution of the set of complete nonrespondent libraries by state and by level and control of institution. The data user should be especially cautious in using data at a level of detail where the nonresponse rate was 30 percent or greater. Data were imputed for nonrespondents but caution should be exercised when comparing estimates by state.

TABLE 1A: TOTAL OPERATING EXPENDITURES AND NUMBER OF LIBRARIES BY CATEGORY

OF TOTAL OPERATING EXPENDITURES, BY STATE: 1992

ALL HIGHER EDUCATION INSTITUTIONS *

STATE	TOTAL NUMBER OF LIBRARIES	TOTAL OPERATING EXPENDITURES	LESS THAN \$20,000	\$20,000 TO \$49,999	\$50,000 TO \$99,999
TOTAL OF 50 STATES & DC	3,274	3,648,653,735	69	121	307
Alabama	72	53,543,383	1	3	11
Alaska	6	10,175,978	1	0	1
Arizona	39	50,424,558	1	5	0
Arkansas	34	25,406,594	0	1	3
California	291	425,512,885	8	6	28
Colorado	40	50,783,690	0	1	4
Connecticut	42	78,509,439	0	2	2
Delaware	9	13,727,912	0	0	0

District of Columbia	17	53,334,549	0	0	1
Florida	98	113,749,959	3	3	11
Georgia	85	78,930,058	4	2	7
Hawaii	14	21,929,309	0	0	0
Idaho	11	12,098,993	0	1	0
Illinois	154	170,839,946	5	7	15
Indiana	71	79,298,541	4	1	10
Iowa	58	45,787,482	0	3	3
Kansas	49	35,523,020	0	1	6
Kentucky	48	46,352,208	2	2	8
Louisiana	31	51,234,991	1	1	1
Maine	31	17,408,452	2	1	5
Maryland	55	75,576,470	1	2	2
Massachusetts	114	185,264,781	2	4	9
Michigan	98	114,591,357	0	10	8
Minnesota	77	68,525,959	0	2	13
Mississippi	42	23,321,569	0	3	7
Missouri	90	69,353,419	0	5	10
Montana	19	8,596,214	0	2	4
Nebraska	34	25,632,554	0	3	3
Nevada	9	15,250,876	0	0	2
New Hampshire	28	21,309,623	1	2	6
New Jersey	56	89,004,890	1	1	2

New Mexico	29	30,254,242	1	0	4
New York	246	332,315,613	11	12	11
North Carolina	120	111,016,733	2	3	7
North Dakota	20	10,283,164	0	1	7
Ohio	138	147,967,996	5	4	14
Oklahoma	45	38,442,459	1	3	3
Oregon	45	46,532,235	0	3	6
Pennsylvania	203	179,382,842	3	5	27
Rhode Island	11	22,691,576	0	0	0
South Carolina	59	43,094,395	1	1	7
South Dakota	18	7,863,187	0	1	0
Tennessee	74	56,284,476	1	3	7
Texas	173	196,917,427	3	2	12
Utah	14	31,574,004	0	2	0
Vermont	22	14,054,109	1	0	3
Virginia	78	87,814,074	3	1	3
Washington	60	65,799,467	0	3	7
West Virginia	27	17,135,859	0	2	2
Wisconsin	61	70,935,678	0	1	4
Wyoming	9	7,294,540	0	0	1

* Institutions with accreditation at the higher education level recognized

by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 1A: CONTINUED

STATE	\$100,000 TO \$199,999	\$200,000 TO \$299,000	\$300,000 TO \$499,000	\$500,000 TO \$999,999	\$1,000,000 TO \$1,999,999	\$2,000,000 OR MORE
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TOTAL OF 50 STATE & DC 607 420 503 533 343 371

STATE & DC

Alabama	13	15	12	5	8	4
Alaska	1	0	0	0	1	2
Arizona	5	6	10	7	2	3
Arkansas	12	3	4	6	4	1
California	49	31	41	63	21	44
Colorado	7	5	4	8	4	7
Connecticut	4	9	8	6	5	6

Delaware	1	4	0	2	1	1
Dist. of Columbia	3	4	1	0	2	6
Florida	20	9	10	15	14	13
Georgia	17	15	19	9	5	7
Hawaii	1	0	6	4	1	2
Idaho	1	1	3	1	1	3
Illinois	18	20	25	35	16	13
Indiana	10	14	6	16	4	6
Iowa	12	7	20	8	2	3
Kansas	23	7	2	1	5	4
Kentucky	10	5	7	6	2	6
Louisiana	2	2	5	5	6	8
Maine	10	2	5	1	2	3
Maryland	6	7	8	11	12	6
Massachusetts	13	12	21	19	18	16
Michigan	19	9	13	17	11	11
Minnesota	19	7	11	10	10	5
Mississippi	10	4	6	6	3	3
Missouri	25	13	13	11	4	9
Montana	6	3	1	0	1	2
Nebraska	7	9	5	2	1	4
Nevada	1	1	2	0	1	2
New Hampshire	4	5	3	4	1	2

New Jersey	8	3	7	12	13	9
New Mexico	9	5	3	4	1	2
New York	22	23	38	45	48	36
North Carolina	27	30	22	14	3	12
North Dakota	2	4	3	1	0	2
Ohio	27	20	23	18	10	17
Oklahoma	10	5	6	8	5	4
Oregon	5	5	8	8	5	5
Pennsylvania	47	23	27	27	28	16
Rhode Island	1	0	0	5	3	2
South Carolina	12	8	10	11	5	4
South Dakota	7	3	2	3	2	0
Tennessee	21	9	12	10	6	5
Texas	32	21	18	38	23	24
Utah	2	1	3	2	1	3
Vermont	5	4	3	3	1	2
Virginia	18	8	11	16	8	10
Washington	2	8	15	13	5	7
West Virginia	3	5	8	5	0	2
Wisconsin	14	5	11	12	8	6
Wyoming	4	1	2	0	0	1

TABLE 1B: TOTAL OPERATING EXPENDITURES AND NUMBER OF LIBRARIES BY CATEGORY

OF TOTAL OPERATING EXPENDITURES, BY LEVEL AND CONTROL OF INSTITUTION: 1992

LEVEL AND CONTROL OF INSTITUTION	TOTAL NUMBER OF LIBRARIES	TOTAL OPERATING EXPENDITURES	LESS THAN \$20,000	\$20,000 TO \$49,999	\$50,000 TO \$99,999
ALL HIGHER EDUCATION INSTITUTIONS*	3,274	\$3,648,653,735	69	121	307
TOTAL 4-YEAR AND ABOVE	2,012	\$3,237,303,221	26	56	112
DOCTORATE	500	\$2,257,166,951	4	2	7
MASTERS	817	\$708,140,583	9	14	31
BACCALAUREATE	655	\$237,283,387	13	38	72
LESS THAN 4-YEAR	1,262	\$411,350,514	43	65	195

TOTAL PUBLIC	1,515	\$2,219,166,046	3	6	73
TOTAL PRIVATE	1,759	\$1,429,487,689	66	115	234

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992 Source: 1992 IPEDS Academic Library
Survey

TABLE 1B: CONTINUED

LEVEL AND CONTROL OF INSTITUTION	\$100,000 TO \$199,999	\$200,000 TO \$299,999	\$300,000 TO \$499,999	\$500,000 TO \$999,999	\$1,000,000 TO \$1,999,999	\$2,000,000 OR MORE
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ALL HIGHER

EDUCATION

INSTITUTIONS*	607	420	503	533	343	371
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TOTAL 4-YEAR

AND ABOVE	293	227	297	357	281	363
DOCTORATE	26	27	32	54	82	266
MASTERS	74	88	167	198	151	85
BACCALAUREATE	189	102	95	101	36	9
LESS THAN 4-YEAR	314	193	206	176	62	8
TOTAL PUBLIC	238	208	245	275	213	254
TOTAL PRIVATE	369	212	258	258	130	117

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992 Source: 1992 IPEDS Academic Library
Survey

TABLE 2A: LIBRARY OPERATING EXPENDITURES BY OBJECT OF
EXPENDITURE, AND

SALARIES AS A PERCENT OF TOTAL OPERATING EXPENDITURES,

BY STATE: 1992

ALL HIGHER EDUCATION INSTITUTIONS *

STATE	TOTAL NUMBER OF LIBRARIES	TOTAL OPERATING EXPENDITURES	TOTAL SALARIES AND WAGES	PERCENT OF TOTAL OPERATING EXPENDITURES
TOTAL 50 STATES & DC	3,274	\$3,648,653,735	\$1,889,367,784	51.78%
Alabama	72	\$53,543,383	\$24,670,273	46.08%
Alaska	6	\$10,175,978	\$5,548,937	54.53%
Arizona	39	\$50,424,558	\$26,084,152	51.73%
Arkansas	34	\$25,406,594	\$12,635,380	49.73%
California	291	\$425,512,885	\$240,248,354	56.46%
Colorado	40	\$50,783,690	\$24,612,230	48.47%
Connecticut	42	\$78,509,439	\$37,082,302	47.23%
Delaware	9	\$13,727,912	\$6,198,980	45.16%
District of Columbia	17	\$53,334,549	\$27,450,675	51.47%
Florida	98	\$113,749,959	\$60,695,250	53.36%
Georgia	85	\$78,930,058	\$35,867,864	45.44%
Hawaii	14	\$21,929,309	\$12,041,179	54.91%
Idaho	11	\$12,098,993	\$6,116,474	50.55%

Illinois	154	\$170,839,946	\$94,017,373	55.03%
Indiana	71	\$79,298,541	\$39,640,707	49.99%
Iowa	58	\$45,787,482	\$23,012,205	50.26%
Kansas	49	\$35,523,020	\$18,117,150	51.00%
Kentucky	48	\$46,352,208	\$23,813,498	51.38%
Louisiana	31	\$51,234,991	\$23,090,153	45.07%
Maine	31	\$17,408,452	\$8,505,223	48.86%
Maryland	55	\$75,576,470	\$38,862,464	51.42%
Massachusetts	114	\$185,264,781	\$99,093,977	53.49%
Michigan	98	\$114,591,357	\$59,787,472	52.18%
Minnesota	77	\$68,525,959	\$36,165,061	52.78%
Mississippi	42	\$23,321,569	\$11,847,531	50.80%
Missouri	90	\$69,353,419	\$33,939,644	48.94%
Montana	19	\$8,596,214	\$4,488,743	52.22%
Nebraska	34	\$25,632,554	\$12,619,586	49.23%
Nevada	9	\$15,250,876	\$7,021,894	46.04%
New Hampshire	28	\$21,309,623	\$10,086,377	47.33%
New Jersey	56	\$89,004,890	\$52,741,052	59.26%
New Mexico	29	\$30,254,242	\$12,986,581	42.93%
New York	246	\$332,315,613	\$184,744,397	55.59%
North Carolina	120	\$111,016,733	\$55,501,024	49.99%
North Dakota	20	\$10,283,164	\$4,313,995	41.95%
Ohio	138	\$147,967,996	\$74,087,065	50.07%

Oklahoma	45	\$38,442,459	\$17,914,717	46.60%
Oregon	45	\$46,532,235	\$19,996,270	42.97%
Pennsylvania	203	\$179,382,842	\$91,075,839	50.77%
Rhode Island	11	\$22,691,576	\$11,576,885	51.02%
South Carolina	59	\$43,094,395	\$20,355,977	47.24%
South Dakota	18	\$7,863,187	\$3,543,241	45.06%
Tennessee	74	\$56,284,476	\$29,010,862	51.54%
Texas	173	\$196,917,427	\$99,690,320	50.63%
Utah	14	\$31,574,004	\$13,755,537	43.57%
Vermont	22	\$14,054,109	\$7,340,358	52.23%
Virginia	78	\$87,814,074	\$42,506,096	48.41%
Washington	60	\$65,799,467	\$36,766,049	55.88%
West Virginia	27	\$17,135,859	\$7,948,306	46.38%
Wisconsin	61	\$70,935,678	\$36,667,552	51.69%
Wyoming	9	\$7,294,540	\$3,484,553	47.77%

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 2A: CONTINUED

STATE	COLLECTION EXPENDITURES TOTAL	PRESERVATION OPERATING EXPENDITURES		
TOTAL 50 STATES & DC	\$1,197,292,834	\$43,126,451		\$429,949,207
Alabama	\$18,643,660	\$590,901		\$8,105,166
Alaska	\$2,681,119	\$89,844		\$1,568,225
Arizona	\$18,000,702	\$675,261		\$4,363,463
Arkansas	\$9,321,354	\$320,667		\$2,617,589
California	\$123,691,434	\$4,811,821		\$48,919,652
Colorado	\$20,324,886	\$579,161		\$4,204,491
Connecticut	\$21,910,585	\$1,280,862		\$17,004,730
Delaware	\$6,016,992	\$160,830		\$1,101,705
District of Columbia	\$17,157,642	\$600,468		\$6,917,337
Florida	\$37,627,059	\$2,777,806		\$9,628,292
Georgia	\$28,378,454	\$771,513		\$11,398,899

Hawaii	\$6,501,637	\$579,890	\$2,019,922
Idaho	\$4,144,798	\$151,951	\$1,140,515
Illinois	\$54,264,789	\$1,897,860	\$17,215,338
Indiana	\$27,050,736	\$1,063,170	\$9,441,575
Iowa	\$16,441,847	\$566,449	\$4,724,556
Kansas	\$12,551,621	\$451,953	\$3,367,451
Kentucky	\$15,683,713	\$460,788	\$5,421,103
Louisiana	\$21,785,063	\$538,128	\$4,160,580
Maine	\$6,829,061	\$148,622	\$1,406,481
Maryland	\$20,933,734	\$728,004	\$12,846,465
Massachusetts	\$54,662,094	\$2,640,500	\$25,981,392
Michigan	\$37,397,010	\$764,495	\$13,446,525
Minnesota	\$20,697,617	\$920,937	\$8,083,019
Mississippi	\$8,489,482	\$273,719	\$2,103,199
Missouri	\$24,217,188	\$566,351	\$8,905,108
Montana	\$3,190,616	\$50,100	\$634,142
Nebraska	\$9,626,200	\$298,934	\$2,301,877
Nevada	\$5,668,316	\$171,027	\$1,487,099
New Hampshire	\$8,530,053	\$222,152	\$2,197,168
New Jersey	\$26,178,462	\$1,197,492	\$6,996,544
New Mexico	\$13,216,379	\$322,046	\$2,603,505
New York	\$101,176,314	\$3,759,069	\$37,567,766
North Carolina	\$38,246,157	\$1,236,638	\$11,731,875

North Dakota	\$4,439,964	\$67,687	\$1,150,566
Ohio	\$50,260,580	\$1,697,264	\$19,097,552
Oklahoma	\$13,222,031	\$315,850	\$5,277,870
Oregon	\$15,007,480	\$418,469	\$10,250,907
Pennsylvania	\$62,491,121	\$2,406,412	\$19,452,227
Rhode Island	\$7,690,656	\$284,157	\$2,764,733
South Carolina	\$14,622,667	\$446,575	\$6,289,920
South Dakota	\$3,293,685	\$94,702	\$732,279
Tennessee	\$19,455,044	\$503,783	\$6,697,950
Texas	\$65,727,317	\$2,481,747	\$22,174,666
Utah	\$11,754,944	\$457,795	\$4,044,563
Vermont	\$5,106,783	\$168,199	\$1,065,360
Virginia	\$31,936,971	\$964,550	\$9,875,544
Washington	\$19,123,557	\$546,548	\$7,807,520
West Virginia	\$5,601,300	\$132,512	\$2,675,418
Wisconsin	\$23,004,199	\$374,948	\$8,637,398
Wyoming	\$3,317,761	\$95,844	\$341,980

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 2B: LIBRARY OPERATING EXPENDITURES BY OBJECT OF EXPENDITURE, AND

SALARIES AS A PERCENT OF TOTAL OPERATING EXPENDITURES, BY LEVEL AND CONTROL OF INSTITUTION: 1992

LEVEL AND CONTROL OF PERCENT OF INSTITUTION	NUMBER OF LIBRARIES	TOTAL OPERATING EXPENDITURES	TOTAL SALARIES AND WAGES EXPENDITURES	TOTAL OPER. EXPENDITURES
All Higher Education	3,274	\$3,648,653,735	\$1,889,367,784	51.78%
Institutions				
Total 4-Year and Above	2,012	\$3,237,303,221	\$1,615,824,744	49.91%
Doctorate	500	\$2,257,166,951	\$1,096,367,868	48.57%
Masters	817	\$708,140,583	\$380,452,896	53.73%
Baccalaureate	655	\$237,283,387	\$123,283,538	51.96%
Less Than Four Year	1,262	\$411,350,514	\$273,543,040	66.50%

Total Public	1,515	\$2,219,166,046	\$1,194,420,165	53.82%
Total Private	1,759	\$1,429,487,689	\$694,947,619	48.62%

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 2B: CONTINUED

LEVEL AND CONTROL OF INSTITUTION	COLLECTION EXPENDITURES TOTAL	PRESERVATION EXPENDITURES	ALL OTHER OPERATING
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All Higher Education Institutions	\$1,197,292,834	\$43,126,451	\$429,949,207
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Total 4-Year and Above	\$1,111,959,882	\$42,402,053	\$393,295,708
Doctorate	\$788,844,901	\$33,539,738	\$291,690,020
Masters	\$232,135,003	\$6,189,883	\$69,930,444
Baccalaureate	\$77,905,887	\$2,319,945	\$26,763,012
Less Than Four Year	\$85,332,952	\$724,398	\$36,653,499
Total Public	\$721,458,999	\$23,983,265	\$223,591,174
Total Private	\$475,833,835	\$19,143,186	\$206,358,033

* Institutions with accreditation at the higher education level recognized by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 3A: OPERATING EXPENDITURES FOR COLLECTIONS AND EQUIPMENT BY CATEGORY

OF COLLECTION AND TYPE OF EQUIPMENT BY STATE: 1992

ALL HIGHER EDUCATION INSTITUTIONS *

STATE	COLLECTIONS		CURRENT	
	TOTAL NUMBER OF LIBRARIES	EXPENDITURES TOTAL	PRINT MATERIAL	SERIAL SUBSCRIPTIONS

TOTAL 50 STATES 3,274 \$1,197,292,834 \$420,929,715 \$639,127,701

AND DC

Alabama	72	\$18,643,660	\$6,524,461	\$10,624,978
Alaska	6	\$2,681,119	\$993,964	\$1,409,722
Arizona	39	\$18,000,702	\$7,101,706	\$8,544,840
Arkansas	34	\$9,321,354	\$3,271,158	\$4,868,979
California	291	\$123,691,434	\$46,527,833	\$65,275,066
Colorado	40	\$20,324,886	\$6,394,061	\$10,063,658
Connecticut	42	\$21,910,585	\$9,324,847	\$10,556,170
Delaware	9	\$6,016,992	\$2,899,521	\$2,883,317
District of Columbia	17	\$17,157,642	\$4,902,765	\$10,463,866
Florida	98	\$37,627,059	\$12,228,754	\$19,820,088
Georgia	85	\$28,378,454	\$9,039,856	\$14,875,368
Hawaii	14	\$6,501,637	\$2,487,590	\$3,375,410
Idaho	11	\$4,144,798	\$1,343,625	\$2,369,442

Illinois	154	\$54,264,789	\$19,346,273	\$29,286,411
Indiana	71	\$27,050,736	\$9,025,163	\$15,538,235
Iowa	58	\$16,441,847	\$6,079,100	\$8,714,380
Kansas	49	\$12,551,621	\$5,020,097	\$6,544,572
Kentucky	48	\$15,683,713	\$5,407,862	\$8,493,731
Louisiana	31	\$21,785,063	\$8,053,916	\$10,112,583
Maine	31	\$6,829,061	\$2,374,119	\$3,888,535
Maryland	55	\$20,933,734	\$7,598,439	\$10,821,639
Massachusetts	114	\$54,662,094	\$19,116,212	\$28,573,354
Michigan	98	\$37,397,010	\$14,717,939	\$19,035,630
Minnesota	77	\$20,697,617	\$7,920,499	\$10,554,983
Mississippi	42	\$8,489,482	\$1,993,821	\$5,654,518
Missouri	90	\$24,217,188	\$7,730,961	\$12,947,923
Montana	19	\$3,190,616	\$760,481	\$2,107,020
Nebraska	34	\$9,626,200	\$3,071,139	\$5,565,128
Nevada	9	\$5,668,316	\$2,518,754	\$2,297,381
New Hampshire	28	\$8,530,053	\$2,588,587	\$4,964,094
New Jersey	56	\$26,178,462	\$10,164,642	\$12,418,001
New Mexico	29	\$13,216,379	\$2,260,052	\$3,897,682
New York	246	\$101,176,314	\$33,532,405	\$58,881,632
North Carolina	120	\$38,246,157	\$14,012,211	\$20,100,503
North Dakota	20	\$4,439,964	\$1,144,353	\$2,920,647
Ohio	138	\$50,260,580	\$18,039,815	\$28,931,955

Oklahoma	45	\$13,222,031	\$3,651,497	\$7,563,495
Oregon	45	\$15,007,480	\$5,174,002	\$8,696,100
Pennsylvania	203	\$62,491,121	\$23,816,957	\$32,000,983
Rhode Island	11	\$7,690,656	\$3,203,007	\$3,997,968
South Carolina	59	\$14,622,667	\$5,332,921	\$7,926,005
South Dakota	18	\$3,293,685	\$1,062,805	\$1,866,474
Tennessee	74	\$19,455,044	\$6,228,529	\$11,258,247
Texas	173	\$65,727,317	\$22,686,153	\$34,155,770
Utah	14	\$11,754,944	\$5,146,687	\$6,014,498
Vermont	22	\$5,106,783	\$1,976,805	\$2,559,779
Virginia	78	\$31,936,971	\$10,782,929	\$17,190,084
Washington	60	\$19,123,557	\$6,009,457	\$11,333,118
West Virginia	27	\$5,601,300	\$1,751,005	\$3,084,725
Wisconsin	61	\$23,004,199	\$7,741,298	\$12,127,950
Wyoming	9	\$3,317,761	\$848,682	\$1,971,064

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* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 3A: CONTINUED (PART 2)

STATE	MACHINE		
	MICROFORMS MATERIALS	AUDIOVISUAL MATERIALS	READABLE
TOTAL 50 STATES AND DC	\$43,666,470	\$23,879,276	\$29,093,241
Alabama	\$635,668	\$283,047	\$256,006
Alaska	\$109,787	\$45,151	\$66,528
Arizona	\$375,672	\$348,781	\$231,675
Arkansas	\$418,532	\$168,303	\$220,563
California	\$4,281,237	\$1,842,624	\$2,786,455
Colorado	\$1,034,459	\$314,537	\$457,552
Connecticut	\$1,020,689	\$224,243	\$561,134
Delaware	\$131,557	\$30,195	\$71,161
District of Columbia	\$796,750	\$204,675	\$198,294
Florida	\$1,973,693	\$804,909	\$1,597,469
Georgia	\$1,695,485	\$507,076	\$1,115,970

Hawaii	\$284,357	\$197,180	\$104,057
Idaho	\$131,545	\$68,907	\$62,960
Illinois	\$1,599,052	\$1,263,614	\$1,231,500
Indiana	\$658,019	\$365,906	\$501,821
Iowa	\$485,782	\$337,436	\$523,476
Kansas	\$318,606	\$198,721	\$243,419
Kentucky	\$556,947	\$279,309	\$371,579
Louisiana	\$443,488	\$747,841	\$489,940
Maine	\$232,691	\$103,350	\$131,860
Maryland	\$873,209	\$448,497	\$476,441
Massachusetts	\$1,827,715	\$778,937	\$1,515,354
Michigan	\$957,763	\$503,551	\$649,380
Minnesota	\$303,872	\$918,144	\$272,515
Mississippi	\$281,857	\$220,905	\$256,476
Missouri	\$843,715	\$614,089	\$713,256
Montana	\$71,464	\$77,229	\$78,839
Nebraska	\$447,202	\$229,352	\$182,521
Nevada	\$476,811	\$183,833	\$152,137
New Hampshire	\$239,397	\$73,628	\$193,711
New Jersey	1,219,205	\$516,370	\$1,047,016
New Mexico	\$291,012	\$1,393,646	\$168,690
New York	\$4,249,087	\$1,431,002	\$2,219,306
North Carolina	\$1,633,653	\$921,326	\$913,773

North Dakota	\$146,081	\$83,672	\$47,151
Ohio	\$922,082	\$692,399	\$764,612
Oklahoma	\$791,827	\$318,008	\$504,172
Oregon	\$507,669	\$257,569	\$271,574
Pennsylvania	\$2,522,715	\$1,087,160	\$2,002,527
Rhode Island	\$211,200	\$97,509	\$143,364
South Carolina	\$496,145	\$212,950	\$433,082
South Dakota	\$92,354	\$59,630	\$45,480
Tennessee	\$688,816	\$333,743	\$340,676
Texas	\$2,681,659	\$1,810,019	\$1,872,535
Utah	\$267,459	\$99,820	\$203,700
Vermont	\$258,794	\$78,931	\$167,245
Virginia	\$1,319,425	\$765,534	\$749,344
Washington	\$485,475	\$382,945	\$282,218
West Virginia	\$292,663	\$146,296	\$212,970
Wisconsin	\$1,055,065	\$736,248	\$926,711
Wyoming	\$27,063	\$70,529	\$63,046

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* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 3A: CONTINUED (PART 3)

OTHER		
STATE	COLLECTION EXPENDITURES	FURNITURE AND EQUIPMENT
TOTAL 50 STATES AND DC	\$40,596,431	\$88,917,459
Alabama	\$319,500	\$1,533,383
Alaska	\$55,967	\$287,853
Arizona	\$1,398,028	\$1,300,980
Arkansas	\$373,819	\$511,604
California	\$2,978,219	\$7,841,624
Colorado	\$2,060,619	\$1,062,922
Connecticut	\$223,502	\$1,230,960
Delaware	\$1,241	\$249,405
District of Columbia	\$591,292	\$1,208,427
Florida	\$1,202,146	\$3,021,552

Georgia	\$1,144,699	\$2,513,328
Hawaii	\$53,043	\$786,681
Idaho	\$168,319	\$545,255
Illinois	\$1,537,939	\$3,444,586
Indiana	\$961,592	\$2,102,353
Iowa	\$301,673	\$1,042,425
Kansas	\$226,206	\$1,034,845
Kentucky	\$574,285	\$973,106
Louisiana	\$1,937,295	\$1,661,067
Maine	\$98,506	\$519,065
Maryland	\$715,509	\$2,205,803
Massachusetts	\$2,850,522	\$2,886,818
Michigan	\$1,532,747	\$3,195,855
Minnesota	\$727,604	\$2,659,325
Mississippi	\$81,905	\$607,638
Missouri	\$1,367,244	\$1,725,128
Montana	\$95,583	\$232,613
Nebraska	\$130,858	\$785,957
Nevada	\$39,400	\$902,540
New Hampshire	\$470,636	\$273,873
New Jersey	\$813,228	\$1,891,340
New Mexico	\$5,205,297	\$1,125,731
New York	\$862,882	\$5,068,067

North Carolina	\$664,691	\$4,301,039
North Dakota	\$98,060	\$310,952
Ohio	\$909,717	\$2,825,535
Oklahoma	\$393,032	\$1,711,991
Oregon	\$100,566	\$859,109
Pennsylvania	\$1,060,779	\$3,957,243
Rhode Island	\$37,608	\$375,145
South Carolina	\$221,564	\$1,379,256
South Dakota	\$166,942	\$199,280
Tennessee	\$605,033	\$616,837
Texas	\$2,521,181	\$6,843,377
Utah	\$22,780	\$1,561,165
Vermont	\$65,229	\$373,409
Virginia	\$1,129,655	\$2,530,913
Washington	\$630,344	\$1,555,793
West Virginia	\$113,641	\$778,323
Wisconsin	\$416,927	\$2,251,581
Wyoming	\$337,377	\$54,402

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* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 3B: OPERATING EXPENDITURES FOR COLLECTIONS AND EQUIPMENT BY CATEGORY

OF COLLECTION AND TYPE OF EQUIPMENT BY LEVEL AND CONTROL OF

INSTITUTION: 1992

	TOTAL	COLLECTIONS	CURRENT	
LEVEL AND CONTROL OF SERIAL	LIBRARIES	TOTAL	MATERIAL	PRINT SUBSCRIPTIONS

All Higher Education In 3,274 \$1,197,292,834 \$420,929,715 \$639,127,701

Institutions *

Total 4- Yr and Above 2,012 \$1,111,959,882 \$379,597,422 \$617,269,247

Doctorate 500 \$788,844,901 \$252,540,498 \$467,146,708

Masters 817 \$232,135,003 \$87,677,474 \$110,841,146

Baccalaureate 655 \$77,905,887 \$36,629,680 \$30,670,414

Less Than Four Year 1,262 \$85,332,952 \$41,332,293 \$21,858,454

Total Public 1,515 \$721,458,999 \$238,455,018 \$397,913,529

Total Private 1,759 \$475,833,835 \$182,474,697 \$241,214,172

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 3B: CONTINUED (PART 2)

	MACHINE	
LEVEL AND CONTROL OF	MICROFORMS	AUDIOVISUAL
READABLE		
INSTITUTION	MATERIALS	MATERIALS

All Higher Education In	\$43,666,470	\$23,879,276	\$29,093,241
Institutions *			

Total 4-Yr and Above	\$37,196,079	\$16,126,131	\$24,303,205
Doctorate	\$19,215,888	\$7,651,393	\$12,859,089
Masters	\$13,117,947	\$5,846,007	\$8,700,311
Baccalaureate	\$4,021,688	\$2,391,626	\$2,529,305

Less Than Four Year	\$6,470,391	\$7,753,145	\$4,790,036
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Total Public	\$25,758,392	\$16,084,793	\$16,409,648
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Total Private	\$17,908,078	\$7,794,483	\$12,683,593
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* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992
Source: 1992 IPEDS Academic Library Survey

TABLE 3B: CONTINUED (PART 3)

OTHER	FURNITURE
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LEVEL AND CONTROL OF	COLLECTION	AND
INSTITUTION	EXPENDITURES	EQUIPMENT

All Higher Education In	\$40,596,431	\$88,917,459
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Institutions *

Total 4-Yr and Above	\$37,467,798	\$73,820,834
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Doctorate	\$29,431,325	\$46,724,424
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Masters	\$5,952,118	\$19,432,357
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Baccalaureate	\$1,663,174	\$7,011,005
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Less Than Four Year	\$3,128,633	\$15,096,625
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Total Public	\$26,837,619	\$55,712,443
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Total Private	\$13,758,812	\$33,205,016
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* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 4A: NUMBER AND PERCENT OF FTE STAFF IN AC ADEMIC LIBRARIES
BY STAFF

CATEGORY AND BY STATE: 1992

ALL HIGHER EDUCATION INSTITUTIONS *

STATE	TOTAL NUMBER OF LIBRARIANS	TOTAL FTE STAFF	PERCENT
TOTAL 50 STATES AND DC	3274	96,244	100.00%
Alabama	72	1,546	1.61%
Alaska	6	221	0.23%
Arizona	39	1,388	1.44%
Arkansas	34	809	0.84%
California	291	10,047	10.44%
Colorado	40	1,177	1.22%
Connecticut	42	1,445	1.50%

Delaware	9	333	0.35%
District of Columbia	17	1,233	1.28%
Florida	98	3,458	3.59%
Georgia	85	2,112	2.20%
Hawaii	14	496	0.52%
Idaho	11	345	0.36%
Illinois	154	4,934	5.13%
Indiana	71	2,237	2.32%
Iowa	58	1,197	1.24%
Kansas	49	1,031	1.07%
Kentucky	48	1,501	1.56%
Louisiana	31	1,697	1.76%
Maine	31	456	0.47%
Maryland	55	1,707	1.77%
Massachusetts	114	4,236	4.40%
Michigan	98	3,009	3.13%
Minnesota	77	1,630	1.69%
Mississippi	42	907	0.94%
Missouri	90	2,037	2.12%
Montana	19	244	0.25%
Nebraska	34	697	0.72%
Nevada	9	277	0.29%
New Hampshire	28	598	0.62%

New Jersey	56	2,216	2.30%
New Mexico	29	812	0.84%
New York	246	8,411	8.74%
North Carolina	120	2,941	3.06%
North Dakota	20	298	0.31%
Ohio	138	3,842	3.99%
Oklahoma	45	1,128	1.17%
Oregon	45	1,080	1.12%
Pennsylvania	203	4,812	5.00%
Rhode Island	11	664	0.69%
South Carolina	59	1,236	1.28%
South Dakota	18	242	0.25%
Tennessee	74	1,798	1.87%
Texas	173	5,845	6.07%
Utah	14	808	0.84%
Vermont	22	386	0.40%
Virginia	78	2,331	2.42%
Washington	60	1,829	1.90%
West Virginia	27	581	0.60%
Wisconsin	61	1,782	1.85%
Wyoming	9	197	0.21%

* Institutions with accreditation at the higher education level recognized

by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 4A: CONTINUED (PART 2)

LIBRARIANS AND OTHER PROFESSIONAL

STATE	FTE	PERCENT
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TOTAL 50 STATES	26341	27.37%
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AND DC

Alabama	427	27.62%
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Alaska	57	25.83%
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Arizona	366	26.39%
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Arkansas	198	24.42%
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California	2495	24.84%
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Colorado	307	26.08%
Connecticut	484	33.51%
Delaware	97	29.20%
District of Columbia	363	29.42%
Florida	931	26.93%
Georgia	587	27.78%
Hawaii	136	27.33%
Idaho	80	23.05%
Illinois	1249	25.32%
Indiana	578	25.85%
Iowa	335	28.00%
Kansas	293	28.38%
Kentucky	391	26.02%
Louisiana	380	22.39%
Maine	143	31.24%
Maryland	489	28.68%
Massachusetts	1340	31.64%
Michigan	799	26.55%
Minnesota	471	28.90%
Mississippi	242	26.68%
Missouri	521	25.56%
Montana	74	30.11%
Nebraska	197	28.28%

Nevada	75	27.12%
New Hampshire	153	25.58%
New Jersey	631	28.46%
New Mexico	177	21.80%
New York	2742	32.61%
North Carolina	857	29.13%
North Dakota	89	29.92%
Ohio	1041	27.09%
Oklahoma	290	25.73%
Oregon	264	24.44%
Pennsylvania	1341	27.87%
Rhode Island	156	23.51%
South Carolina	331	26.80%
South Dakota	70	28.71%
Tennessee	507	28.19%
Texas	1512	25.87%
Utah	241	29.79%
Vermont	98	25.52%
Virginia	614	26.34%
Washington	395	21.60%
West Virginia	129	22.19%
Wisconsin	532	29.87%
Wyoming	66	33.68%

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992
Source: 1992 IPEDS Academic Library Survey

TABLE 4A: CONTINUED (PART 3)

ALL OTHER PAID STAFF		
STATE	FTE	PERCENT
TOTAL 50 STATES	40241	42.00%
AND DC		
Alabama	594	38.42%
Alaska	88	39.71%
Arizona	645	46.50%
Arkansas	296	36.53%

California	4376	43.55%
Colorado	548	46.56%
Connecticut	657	45.47%
Delaware	157	47.03%
District of Columbia	572	46.34%
Florida	1515	43.82%
Georgia	899	42.55%
Hawaii	182	36.74%
Idaho	141	40.96%
Illinois	2113	42.83%
Indiana	911	40.75%
Iowa	492	41.11%
Kansas	363	35.23%
Kentucky	574	38.26%
Louisiana	507	29.84%
Maine	167	36.68%
Maryland	829	48.60%
Massachusetts	1903	44.92%
Michigan	1128	37.47%
Minnesota	553	33.92%
Mississippi	280	30.89%
Missouri	846	41.54%
Montana	108	44.02%

Nebraska	324	46.46%
Nevada	132	47.60%
New Hampshire	250	41.79%
New Jersey	1079	48.70%
New Mexico	313	38.57%
New York	3583	42.60%
North Carolina	1348	45.85%
North Dakota	96	32.29%
Ohio	1508	39.25%
Oklahoma	439	38.89%
Oregon	431	39.91%
Pennsylvania	1950	40.53%
Rhode Island	267	40.28%
South Carolina	499	40.38%
South Dakota	84	34.79%
Tennessee	746	41.50%
Texas	2677	45.79%
Utah	268	33.19%
Vermont	160	41.55%
Virginia	1004	43.08%
Washington	825	45.12%
West Virginia	233	40.09%
Wisconsin	672	37.70%

Wyoming	88	44.61%
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* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 4A: CONTINUED (PART 4)

CONTRIBUTED SERVICE STAFF

STATE	FTE	PERCENT
TOTAL 50 STATES AND DC	404	0.42%
Alabama	3	0.18%
Alaska	2	0.91%
Arizona	0	0.01%

Arkansas	10	1.24%
California	8	0.08%
Colorado	42	3.57%
Connecticut	1	0.07%
Delaware	0	0.00%
District of Columbia	1	0.06%
Florida	43	1.23%
Georgia	11	0.53%
Hawaii	2	0.30%
Idaho	0	0.00%
Illinois	12	0.24%
Indiana	11	0.50%
Iowa	4	0.31%
Kansas	6	0.54%
Kentucky	8	0.54%
Louisiana	51	3.01%
Maine	4	0.88%
Maryland	1	0.04%
Massachusetts	16	0.37%
Michigan	8	0.26%
Minnesota	3	0.20%
Mississippi	1	0.07%
Missouri	2	0.12%

Montana	0	0.00%
Nebraska	3	0.45%
Nevada	0	0.00%
New Hampshire	1	0.13%
New Jersey	13	0.57%
New Mexico	1	0.09%
New York	23	0.27%
North Carolina	3	0.10%
North Dakota	4	1.29%
Ohio	4	0.12%
Oklahoma	4	0.36%
Oregon	5	0.49%
Pennsylvania	28	0.57%
Rhode Island	0	0.00%
South Carolina	1	0.10%
South Dakota	1	0.31%
Tennessee	18	1.02%
Texas	24	0.42%
Utah	2	0.19%
Vermont	0	0.00%
Virginia	3	0.12%
Washington	8	0.43%
West Virginia	3	0.53%

Wisconsin	8	0.45%
Wyoming	1	0.25%

* Institutions with accreditation at the higher education level recognized by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 4B: NUMBER AND PERCENT OF FTE STAFF IN ACADEMIC LIBRARIES BY STAFF

CATEGORY AND BY INSTITUTIONAL LEVEL AND CONTROL: 1992

	TOTAL	TOTAL	
LEVEL AND CONTROL OF	LIBRARIES	NUMBER OF	FTE
INSTITUTION		STAFF	PERCENT
All Higher Education In Institutions	3,274	96,244	100.00%
Total Four Year and Above	2,012	82,217	85.43%

Doctorate	500	52,464	54.51%
Masters	817	20,888	21.70%
Baccalaureate	655	8,178	8.50%
Less Than Four Year	1,262	14,028	14.58%
Total Public	1,515	58,518	60.80%
Total Private	1,759	37,727	39.20%

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

** Details do not add to totals due to rounding

Source: 1992 IPEDS Academic Library Survey

TABLE 4B: CONTINUED (PART 2)

LIBRARIANS AND OTHER PROFESSIONAL
LEVEL AND CONTROL OF
INSTITUTION FTE PERCENT

All Higher Education In Institutions	26,341	27.37%
Total 4-Year and Above	22,379	27.22%
Doctorate	14,193	27.05%
Masters	5,736	27.46%
Baccalaureate	2,227	27.24%
Less Than Four Year	3,962	28.24%
Total Public	15,541	26.56%
Total Private	10,800	28.63%

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

** Details do not add to totals due to rounding

Source: 1992 IPEDS Academic Library Survey

TABLE 4B: CONTINUED (PART 3)

ALL OTHER PAID STAFF

LEVEL AND CONTROL OF

INSTITUTION	FTE	PERCENT
All Higher Education In Institutions	40,421	42.00%
Total 4- Year and Above	34,450	41.90%
Doctorate	24,193	46.11%
Masters	7,470	35.76%
Baccalaureate	2,493	30.48%
Less Than Four Year	5,970	42.56%
Total Public	25,796	44.08%
Total Private	14,625	38.76%

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

** Details do not add to totals due to rounding

Source: 1992 IPEDS Academic Library Survey

TABLE 4B: CONTINUED (PART 4)

CONTRIBUTED SERVICE STAFF

LEVEL AND CONTROL OF

INSTITUTION	FTE	PERCENT
All Higher Education In Institutions	404	0.42%
Total 4-Year and Above	323	0.39%
Doctorate	128	0.24%
Masters	109	0.52%
Baccalaureate	81	0.99%
Less Than Four Year	81	0.57%
Total Public	164	0.28%

Total Private 240 0.64%

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

** Details do not add to totals due to rounding

Source: 1992 IPEDS Academic Library Survey

TABLE 5A: NUMBER OF VOLUMES OF BOOKS, BOUND SERIALS AND
GOVERNMENT DOCUMENTS

HELD AT THE END OF THE YEAR AND NUMBER OF LIBRARIES BY
NUMBER OF

VOLUMES BY STATE: 1992

ALL HIGHER EDUCATION INSTITUTIONS *

TOTAL	VOLUMES	LESS	5,000	10,000	
STATE	NUMBER OF	HELD AT END	THAN	TO	TO
LIBRARIES	OF YEAR	5,000	9,999	19,999	

TOTAL 50 STATES 3,274 749,428,719 146 103 326

AND DC

Alabama	72	11,479,545	5	3	5
Alaska	6	1,597,390	0	0	1
Arizona	39	9,986,996	4	3	2
Arkansas	34	5,615,265	1	0	5
California	291	74,907,008	14	10	45
Colorado	40	10,059,151	0	2	5
Connecticut	42	17,627,880	0	2	4
Delaware	9	2,721,325	0	0	1
District of Columbia	17	8,986,274	0	0	2
Florida	98	20,276,014	4	1	14
Georgia	85	16,255,372	5	4	10
Hawaii	14	3,741,470	1	0	0
Idaho	11	2,320,806	0	0	1
Illinois	154	40,454,003	10	10	12
Indiana	71	18,998,892	8	2	4
Iowa	58	11,021,637	1	2	5
Kansas	49	10,096,690	0	0	1
Kentucky	48	10,030,674	1	0	10
Louisiana	31	10,830,864	1	1	1
Maine	31	3,873,583	4	0	7

Maryland	55	11,433,588	3	0	4
Massachusetts	114	37,310,622	6	3	11
Michigan	98	24,446,464	9	5	3
Minnesota	77	14,258,188	4	3	10
Mississippi	42	5,772,153	0	1	3
Missouri	90	15,752,178	3	5	10
Montana	19	1,970,745	0	3	5
Nebraska	34	5,757,568	1	2	4
Nevada	9	1,651,291	0	0	3
New Hampshire	28	4,470,779	0	6	4
New Jersey	56	16,304,706	0	2	3
New Mexico	29	4,474,027	1	3	3
New York	246	68,634,618	21	10	8
North Carolina	120	23,484,725	2	1	7
North Dakota	20	2,068,243	0	5	2
Ohio	138	34,123,801	5	1	26
Oklahoma	45	8,979,413	0	1	5
Oregon	45	8,045,027	1	1	3
Pennsylvania	203	37,637,649	12	2	33
Rhode Island	11	4,808,993	0	0	1
South Carolina	59	9,714,172	2	1	6
South Dakota	18	2,208,796	0	0	0
Tennessee	74	13,245,654	4	0	6

Texas	173	42,398,426	3	2	12
Utah	14	6,531,779	2	0	0
Vermont	22	3,177,096	0	1	1
Virginia	78	16,240,539	4	1	3
Washington	60	12,007,027	3	3	6
West Virginia	27	4,495,774	0	0	4
Wisconsin	61	15,646,690	1	1	4
Wyoming	9	1,497,149	0	0	1

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992
Source: 1992 IPEDS Academic Library Survey

TABLE 5A: CONTINUED (PART 2)

STATE	20,000 TO 29,999	30,000 TO 49,999	50,000 TO 99,999	100,000 TO 249,999	250,000 TO 499,999
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TOTAL 50 STATES 242 499 659 743 258

AND DC

Alabama	7	18	12	12	6
Alaska	1	0	1	1	0
Arizona	1	6	13	7	0
Arkansas	5	4	7	8	3
California	18	36	68	53	13
Colorado	2	9	4	10	3
Connecticut	3	10	4	11	5
Delaware	1	1	3	2	0
District of Columbia	0	1	3	5	0
Florida	3	16	26	20	4
Georgia	8	12	18	17	7
Hawaii	1	4	4	3	0
Idaho	1	2	0	4	2
Illinois	7	22	30	41	9
Indiana	1	9	11	23	7
Iowa	2	7	17	18	3
Kansas	11	11	12	5	3
Kentucky	3	5	6	13	6
Louisiana	0	2	4	9	9

Maine	4	4	5	2	2	
Maryland	4	8	12	14	6	
Massachusetts	4	12	26	28	9	
Michigan	11	15	19	19	8	
Minnesota	10	10	9	18	10	
Mississippi	4	10	9	10	2	
Missouri	7	15	20	18	6	
Montana	0	3	4	2	0	
Nebraska	6	3	3	12	0	
Nevada	3	1	0	0	0	
New Hampshire		1	6	4	5	0
New Jersey	4	4	14	14	8	
New Mexico	2	9	3	5	1	
New York	7	21	51	70	31	
North Carolina	22	30	21	24	4	
North Dakota	2	1	7	1	1	
Ohio	7	16	30	26	9	
Oklahoma	8	6	7	11	3	
Oregon	4	8	13	6	6	
Pennsylvania	7	27	36	54	20	
Rhode Island	0	1	3	2	2	
South Carolina	5	12	9	16	5	
South Dakota	1	6	5	4	2	

Tennessee	6	9	23	15	5
Texas	12	30	37	42	16
Utah	1	2	4	1	1
Vermont	2	4	8	4	0
Virginia	8	15	8	24	9
Washington	4	21	7	8	4
West Virginia	1	5	3	12	1
Wisconsin	7	7	15	14	7
Wyoming	3	3	1	0	0

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 5A: CONTINUED (PART 3)

500,000 1,000,00
STATE TO OR
999,999 MORE

TOTAL 50 STATES 146 152

AND DC

Alabama	2	2	
Alaska	2	0	
Arizona	1	2	
Arkansas	0	1	
California	13	21	
Colorado	2	3	
Connecticut	0	3	
Delaware	0	1	
District of Columbia	2	4	
Florida	5	5	
Georgia	0	4	
Hawaii	0	1	
Idaho	1	0	
Illinois	5	8	
Indiana	2	4	
Iowa	1	2	
Kansas	4	2	
Kentucky	2	2	
Louisiana	2	2	

Maine	3	0
Maryland	2	2
Massachusetts	9	6
Michigan	5	4
Minnesota	2	1
Mississippi	3	0
Missouri	4	2
Montana	2	0
Nebraska	2	1
Nevada	2	0
New Hampshire	0	2
New Jersey	5	2
New Mexico	1	1
New York	13	14
North Carolina	4	5
North Dakota	1	0
Ohio	7	11
Oklahoma	2	2
Oregon	1	2
Pennsylvania	7	5
Rhode Island	1	1
South Carolina	1	2
South Dakota	0	0

Tennessee	4	2
Texas	11	8
Utah	0	3
Vermont	1	1
Virginia	4	2
Washington	2	2
West Virginia	0	1
Wisconsin	3	2
Wyoming	0	1

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 5B: NUMBER OF VOLUMES OF BOOKS, BOUND SERIALS AND
GOVERNMENT DOCUMENTS

HELD AT THE END OF THE YEAR AND NUMBER OF LIBRARIES BY
NUMBER OF

VOLUMES BY LEVEL AND CONTROL OF INSTITUTION: 1992

TOTAL	VOLUMES	LESS	5,000	10,000
LEVEL AND CONTROL OF	NUMBER OF	HELD AT	THAN	TO
			TO	TO

INSTITUTION	LIBRARIES	END OF YEAR	5,000	9,999	19,999
All Higher Education Institutions	3,274	749,428,719	146	103	326
Total 4-Year and Above	2,012	696,990,563	39	48	84
Doctorate	500	471,117,934	4	7	5
Masters	817	158,587,668	13	17	18
Baccalaureate	655	63,523,577	21	21	50
Less Than Four Year	1,262	52,438,156	107	55	242
Total Public	1,515	428,683,583	20	34	84
Total Private	1,759	320,745,136	126	69	242

* Institutions with accreditation at the higher education level recognized by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 5B: CONTINUED (PART 2)

	20,000	30,000	50,000	100,000	
LEVEL AND CONTROL OF			TO	TO	TO
INSTITUTION	29,999	49,999	99,999	249,999	TO

All Higher Education 242 499 659 743

Institutions

Total 4-Year and Above 77 168 372 672

Doctorate 7 5 39 126

Masters 19 39 151 359

Baccalaureate 48 121 177 176

Less Than Four Year 165 331 287 71

Total Public 153 321 324 239

Total Private 89 178 335 504

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 5B: CONTINUED (PART 3)

	250,000	500,000	1,000,000	
LEVEL AND CONTROL OF			TO	TO
INSTITUTION	449,999	999,999	OR	MORE
All Higher Education	258	146	152	
Institutions				
Total 4-Year and Above	254	146	152	
Doctorate	70	92	145	
Masters	146	49	6	
Baccalaureate	36	4	1	
Less Than Four Year	4	0	0	
Total Public	139	104	97	
Total Private	119	42	55	

* Institutions with accreditation at the higher education level recognized

by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 6A: NUMBER OF VOLUMES, UNITS, AND LINEAR FEET HELD AT THE
END OF THE

YEAR AND NUMBER ADDED DURING THE YEAR BY MATERIAL
COLLECTION

CATEGORY, IN ALL ACADEMIC LIBRARIES BY STATE: 1992

ALL HIGHER EDUCATION INSTITUTIONS *

---NUMBER HELD AT END OF THE YEAR---

STATE	TOTAL LIBRARIES	PHYSICAL UNITS OF MICROFORMS	MANUSCRIPTS AND ARCHIVES LINEAR FEET	CARTOGRAPHIC MATERIALS UNIT	GRAPHIC MATERIALS UNIT
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TOTAL 50 STATES	3,274	865,000,780	4,448,367	34,744,414	85,743,734
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AND DC

Alabama	72	15,327,669	85,191	619,686	1,392,835
Alaska	6	1,542,025	11,359	31,666	277,831
Arizona	39	11,157,121	24,288	519,603	1,579,794
Arkansas	34	6,810,788	82,165	269,636	537,240
California	291	83,872,006	357,240	3,749,231	13,148,424
Colorado	40	13,847,786	66,055	567,104	502,027
Connecticut	42	6,246,838	104,007	658,687	2,503,284
Delaware	9	3,517,089	35,508	123,030	28,913
District of Columbia	17	11,405,605	104,498	82,267	382,158
Florida	98	32,970,720	50,386	1,093,834	1,151,398
Georgia	85	24,973,430	86,112	834,534	1,378,621
Hawaii	14	7,322,227	5,174	253,881	40,165
Idaho	11	3,391,623	13,626	374,087	239,774
Illinois	154	35,949,596	130,633	2,874,067	1,804,819
Indiana	71	15,220,358	99,935	2,062,599	1,769,732
Iowa	58	8,845,525	39,599	375,420	978,875
Kansas	49	13,431,640	74,020	417,531	2,953,862
Kentucky	48	13,682,264	71,667	326,321	2,780,448
Louisiana	31	16,835,644	86,664	672,706	1,874,739
Maine	31	6,088,080	12,512	107,679	153,435
Maryland	55	13,208,873	89,208	703,111	2,336,621
Massachusetts	114	31,484,686	141,756	900,918	1,840,177

Michigan	98	29,357,825	192,561	1,134,071	1,960,820
Minnesota	77	12,787,172	88,371	626,513	645,309
Mississippi	42	10,208,783	68,228	214,093	265,600
Missouri	90	19,558,123	93,139	853,524	1,023,779
Montana	19	6,687,918	72,809	260,878	181,562
Nebraska	34	8,221,576	83,430	181,995	138,073
Nevada	9	3,901,605	8,877	149,709	205,622
New Hampshire	28	5,584,191	15,452	288,227	261,618
New Jersey	56	17,625,711	119,425	720,203	1,285,709
New Mexico	29	8,816,332	28,888	257,126	214,382
New York	246	73,607,828	461,031	1,395,709	3,565,576
North Carolina	120	24,237,496	96,269	764,672	1,079,059
North Dakota	20	2,810,200	15,279	316,747	140,257
Ohio	138	31,199,765	167,463	1,534,081	2,218,258
Oklahoma	45	14,906,002	36,982	509,559	619,950
Oregon	45	8,485,758	86,622	1,177,305	280,181
Pennsylvania	203	41,847,040	169,499	1,146,270	13,109,870
Rhode Island	11	3,569,959	17,885	156,290	1,602,991
South Carolina	59	10,270,097	67,880	348,464	636,540
South Dakota	18	2,859,653	13,021	90,475	138,418
Tennessee	74	15,996,227	107,568	655,381	971,393
Texas	173	57,571,496	268,677	1,469,188	10,504,285
Utah	14	8,863,218	39,215	516,076	938,076

Vermont	22	2,632,423	60,913	302,906	272,147
Virginia	78	26,272,908	59,865	551,567	1,297,058
Washington	60	15,468,603	84,735	416,265	1,322,912
West Virginia	27	5,655,940	80,619	33,732	547,250
Wisconsin	61	17,973,825	66,778	881,142	619,639
Wyoming	9	891,513	5,283	174,648	42,228

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992
Source: 1992 IPEDS Academic Library Survey

TABLE 6A: CONTINUED (PART 2)

---NUMBER ADDED DURING THE YEAR---

STATE	PHYSICAL VOLUMES	MANUSCRIPTS AND ARCHIVES	CARTOGRAPHIC MATERIALS	GRAPHIC MATERIALS
		MICROFORMS	LINEAR FEET	UNIT UNIT
TOTAL 50	20,982,250	47,857,743	183,018	1,035,756
STATES AND DC				

Alabama	351,693	843,728	2,399	20,929	64,496
Alaska	46,873	82,137	591	1,422	6,764
Arizona	317,812	626,808	1,452	77,853	51,072
Arkansas	146,805	391,497	2,986	8,255	15,792
California	2,114,186	4,352,846	19,484	94,262	495,393
Colorado	341,907	826,477	1,032	15,983	3,867
Connecticut	396,271	532,589	2,336	8,262	23,287
Delaware	80,204	355,112	608	3,850	426
Dis. of Col.	247,118	730,668	3,372	1,978	7,295
Florida	639,394	2,248,978	3,002	23,958	35,422
Georgia	433,818	1,569,531	5,039	20,426	33,497
Hawaii	137,496	221,271	704	6,026	1,336
Idaho	77,401	186,151	488	8,231	24,530
Illinois	1,065,186	2,106,638	6,866	95,270	68,975
Indiana	608,401	1,181,120	6,329	42,371	48,527
Iowa	297,523	414,942	6,474	13,604	32,103
Kansas	276,414	689,247	1,407	12,092	105,842
Kentucky	466,964	618,029	3,068	10,290	59,382
Louisiana	241,721	722,439	9,494	14,990	38,973
Maine	161,415	372,987	544	4,737	7,073
Maryland	327,287	920,761	6,539	14,098	368,118
Massachusetts	952,196	1,484,168	6,772	18,023	57,624

Michigan	679,608	1,252,683	5,935	27,498	46,275
Minnesota	438,686	730,412	4,152	12,839	14,115
Mississippi	130,077	571,452	2,915	7,447	8,412
Missouri	442,141	975,492	4,525	22,567	39,096
Montana	158,858	237,096	884	8,031	2,806
Nebraska	145,858	704,489	616	5,533	8,250
Nevada	74,031	245,544	423	6,356	12,301
New Hampshire	133,835	369,924	5,854	13,390	4,632
New Jersey	420,311	990,493	3,706	16,259	28,619
New Mexico	149,196	344,221	1,983	7,828	14,237
New York	1,603,262	4,139,903	7,366	49,411	148,568
North Carolina	647,363	1,581,468	3,692	30,125	16,131
North Dakota	59,024	215,163	424	7,740	5,631
Ohio	916,859	1,762,028	6,630	48,994	131,391
Oklahoma	210,170	769,850	921	37,150	35,922
Oregon	226,322	542,815	1,363	15,752	5,987
Pennsylvania	987,789	2,073,021	4,939	36,919	70,915
Rhode Island	128,738	139,217	602	4,633	47,621
South Carolina	287,327	632,067	3,747	14,758	39,910
South Dakota	79,598	236,416	330	2,161	6,374
Tennessee	313,656	1,021,480	5,107	12,751	31,867
Texas	1,292,470	2,909,455	8,443	51,869	336,318
Utah	238,762	386,631	3,831	19,410	26,784

Vermont	94,422	110,677	539	6,795	4,674
Virginia	518,022	1,529,570	2,913	11,349	50,749
Washington	363,033	631,505	2,760	11,163	29,694
West Virginia	70,191	324,833	2,790	6,886	17,323
Wisconsin	376,394	909,588	4,468	18,530	44,254
Wyoming	68,162	42,126	174	4,702	6,315

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 6B: NUMBER OF VOLUMES, UNITS, AND LINEAR FEET HELD AT THE
END OF THE

YEAR AND NUMBER ADDED DURING THE YEAR BY MATERIAL
COLLECTION

CATEGORY, IN ALL ACADEMIC LIBRARIES BY STATE: 1992

ALL HIGHER EDUCATION INSTITUTIONS *

	---NUMBER HELD AT THE END OF THE YEAR---				
LEVEL AND	TOTAL	PHYSICAL	MANUSCRIPTS	CARTOGRAPHIC	
GRAPHIC					
CONTROL OF	NUMBER OF	UNITS OF	AND ARCHIVES	MATERIALS	
MATERIALS	LIBRARIES	MICROFORMS	LINEAR FEET	UNIT	UNIT
INSTITUTION					

All Higher Educ.	3,274	865,000,780	4,448,367	34,744,414	85,743,734
Institutions*					
Total 4-Yr & Above	2,012	830,037,935	4,172,459	34,435,774	81,785,086
Doctorate	500	544,071,710	2,543,626	29,784,962	68,632,189
Masters	817	246,598,980	1,301,289	3,941,686	9,667,561
Baccalaureate	655	28,534,502	294,260	641,071	3,201,850
Less Than 4-Yr	1,262	34,962,845	275,908	308,640	3,958,648
Total Public	1,515	601,490,188	2,876,207	27,108,237	62,677,092
Total Private	1,759	263,510,592	1,572,160	7,636,177	23,066,642

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992
Source: 1992 IPEDS Academic Library Survey

TABLE 6B: CONTINUED (PART 2)

---NUMBER ADDED DURING THE YEAR---

LEVEL AND GRAPHIC	PHYSICAL MANUSCRIPTS	CARTOGRAPHIC			
CONTROL OF INSTITUTION UNIT	VOLUMES	MICROFORMS	LINEAR FEET	UNIT	

All Higher Educ. Institutions*	20,982,250	47,857,743	183,018	1,035,756	2,784,965
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Total 4-Yr & Above	19,043,450	45,076,189	177,728	1,021,076	2,669,477
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Doctorate	12,833,504	27,220,221	120,959	759,217	2,238,313
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Masters	4,262,591	13,961,470	35,274	173,497	292,745
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Baccalaureate	1,774,285	2,945,516	20,706	85,941	119,123
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Less Than 4-Yr	1,938,800	2,781,554	5,290	14,680	115,488
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Total Public	12,325,956	28,429,682	95,490	751,883	2,208,313
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Total Private	8,656,294	19,428,061	87,528	283,873	576,652
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* Institutions with accreditation at the higher education level recognized

by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 7A: NUMBER OF UNDUPLICATED TITLES HELD AT THE END OF THE YEAR IN

ACADEMIC LIBRARIES BY MATERIAL COLLECTION CATEGORY AND STATE: 1992

ALL HIGHER EDUCATION INSTITUTIONS *

STATE	TOTAL NUMBER OF LIBRARIES	BOOKS AND BOUND SERIALS	CURRENT GOVERNMENT DOCUMENTS	SERIAL SUBSCRIPTIONS
TOTAL 50 STATES AND DC	3,274	420,621,667	64,714,571	6,965,855
Alabama	72	7,484,540	1,690,648	91,840
Alaska	6	1,183,402	119,930	8,443
Arizona	39	4,459,462	376,973	60,830
Arkansas	34	3,505,319	773,187	52,670
California	291	37,630,976	4,748,962	993,469
Colorado	40	5,815,435	1,575,847	79,565
Connecticut	42	4,958,981	1,018,075	105,342

Delaware	9	1,401,428	227,282	31,005
District of Columbia	17	4,847,397	192,558	57,565
Florida	98	12,075,959	1,883,073	153,162
Georgia	85	9,183,500	2,000,175	120,495
Hawaii	14	1,781,082	248,741	50,956
Idaho	11	1,719,654	443,558	29,107
Illinois	154	18,364,465	3,117,088	316,184
Indiana	71	9,002,134	1,283,309	150,652
Iowa	58	7,751,010	553,875	139,503
Kansas	49	5,768,569	956,272	78,488
Kentucky	48	6,488,726	1,189,005	75,930
Louisiana	31	5,930,326	1,500,092	85,800
Maine	31	2,238,052	885,890	37,280
Maryland	55	7,158,504	1,149,665	107,073
Massachusetts	114	14,874,607	1,932,006	519,534
Michigan	98	12,407,609	1,771,795	175,577
Minnesota	77	10,791,299	1,491,702	131,766
Mississippi	42	4,470,043	941,122	42,566
Missouri	90	9,477,219	1,849,831	200,903
Montana	19	1,250,423	402,397	16,770
Nebraska	34	3,462,448	626,247	45,761
Nevada	9	550,875	321	1,187
New Hampshire	28	2,211,564	722,292	36,174

New Jersey	56	8,289,050	893,902	98,581
New Mexico	29	3,111,418	298,679	64,417
New York	246	41,624,113	3,129,221	838,643
North Carolina	120	14,490,921	2,679,599	126,077
North Dakota	20	1,088,045	437,635	16,802
Ohio	138	18,105,734	3,059,178	258,111
Oklahoma	45	5,378,429	1,954,721	78,944
Oregon	45	5,103,603	911,879	71,040
Pennsylvania	203	23,026,499	2,366,444	356,828
Rhode Island	11	2,054,073	236,719	45,992
South Carolina	59	7,020,723	825,880	86,111
South Dakota	18	1,547,294	635,302	14,107
Tennessee	74	9,137,275	1,143,809	97,968
Texas	173	25,938,478	5,072,485	322,312
Utah	14	4,415,892	404,094	47,020
Vermont	22	2,238,405	1,100,874	48,230
Virginia	78	12,013,905	1,242,813	150,599
Washington	60	6,001,687	972,286	91,015
West Virginia	27	3,118,182	393,769	34,609
Wisconsin	61	8,323,733	1,110,382	112,331
Wyoming	9	349,200	172,982	10,521

* Institutions with accreditation at the higher education level recognized

by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 7A: CONTINUED (PART 2)

STATE	MICROFORMS	FILMS AND	MACHINE	MATERIALS
		AUDIO	VIDEO	
		MATERIALS	MATERIALS	MATERIALS
TOTAL 50	153,115,800	9,492,848	2,928,274	791,075
STATES AND DC				
Alabama	3,867,375	140,454	69,501	10,612
Alaska	346,634	18,931	7,908	10,138
Arizona	861,140	127,420	47,195	5,176
Arkansas	2,455,129	51,557	28,100	2,741
California	10,521,415	799,734	258,643	69,744
Colorado	2,545,850	87,819	39,860	13,608
Connecticut	4,920,226	101,122	40,423	3,577
Delaware	507,921	8,526	7,652	217

Dis. of Col.	1,151,468	67,511	16,902	1,531
Florida	2,746,011	266,124	109,414	20,502
Georgia	4,212,587	210,133	72,059	28,068
Hawaii	377,493	33,287	21,508	1,294
Idaho	567,589	30,115	12,565	1,194
Illinois	6,288,401	517,044	157,562	23,919
Indiana	2,926,785	188,565	52,791	17,089
Iowa	1,801,404	146,800	49,124	4,818
Kansas	2,288,342	101,707	35,158	13,394
Kentucky	2,436,372	167,535	48,646	5,726
Louisiana	4,162,735	157,668	26,345	23,239
Maine	793,044	53,838	11,361	11,440
Maryland	3,633,638	144,568	55,383	17,244
Massachusetts	5,715,092	587,932	86,706	31,272
Michigan	4,373,383	224,183	89,921	62,104
Minnesota	2,084,373	143,307	66,346	14,175
Mississippi	1,777,291	98,274	41,129	15,496
Missouri	3,665,601	223,692	58,936	9,095
Montana	1,088,483	36,789	10,263	1,639
Nebraska	992,898	63,764	24,887	2,944
Nevada	18,007	30,059	9,605	1,490
New Hampshire	655,196	46,461	10,143	1,146
New Jersey	2,337,769	200,189	65,840	7,240

New Mexico	2,738,885	74,250	19,941	3,393
New York	14,039,851	1,175,141	171,146	60,206
North Carolina	4,512,315	294,880	101,960	17,671
North Dakota	214,824	32,792	10,566	1,594
Ohio	6,126,210	363,128	110,452	49,207
Oklahoma	3,269,156	106,027	43,265	4,921
Oregon	1,266,698	111,810	44,207	1,611
Pennsylvania	7,237,086	612,413	159,978	59,362
Rhode Island	703,882	35,035	7,891	1,158
South Carolina	1,929,014	114,542	41,025	14,510
South Dakota	671,563	40,067	11,608	23,470
Tennessee	3,146,770	166,660	58,342	18,448
Texas	12,212,107	523,474	188,656	35,168
Utah	3,361,874	62,932	22,150	1,638
Vermont	892,299	37,854	9,177	2,351
Virginia	2,205,875	232,750	81,228	37,093
Washington	1,758,686	181,511	80,801	9,567
West Virginia	1,683,696	62,589	21,815	2,076
Wisconsin	2,951,285	184,811	102,942	13,276
Wyoming	74,072	5,074	9,248	2,483

* Institutions with accreditation at the higher education level recognized

by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 7A: NUMBER OF UNDUPLICATED TITLES HELD AT THE END OF THE YEAR IN

ACADEMIC LIBRARIES BY MATERIAL COLLECTION CATEGORY AND STATE: 1992

ALL HIGHER EDUCATION INSTITUTIONS *

STATE	TOTAL NUMBER OF LIBRARIES	BOOKS AND BOUND SERIALS	CURRENT GOVERNMENT DOCUMENTS	SERIAL SUBSCRIPTIONS
TOTAL 50 STATES AND DC	3,274	420,621,667	64,714,571	6,965,855
Alabama	72	7,484,540	1,690,648	91,840
Alaska	6	1,183,402	119,930	8,443
Arizona	39	4,459,462	376,973	60,830
Arkansas	34	3,505,319	773,187	52,670
California	291	37,630,976	4,748,962	993,469
Colorado	40	5,815,435	1,575,847	79,565
Connecticut	42	4,958,981	1,018,075	105,342

Delaware	9	1,401,428	227,282	31,005
District of Columbia	17	4,847,397	192,558	57,565
Florida	98	12,075,959	1,883,073	153,162
Georgia	85	9,183,500	2,000,175	120,495
Hawaii	14	1,781,082	248,741	50,956
Idaho	11	1,719,654	443,558	29,107
Illinois	154	18,364,465	3,117,088	316,184
Indiana	71	9,002,134	1,283,309	150,652
Iowa	58	7,751,010	553,875	139,503
Kansas	49	5,768,569	956,272	78,488
Kentucky	48	6,488,726	1,189,005	75,930
Louisiana	31	5,930,326	1,500,092	85,800
Maine	31	2,238,052	885,890	37,280
Maryland	55	7,158,504	1,149,665	107,073
Massachusetts	114	14,874,607	1,932,006	519,534
Michigan	98	12,407,609	1,771,795	175,577
Minnesota	77	10,791,299	1,491,702	131,766
Mississippi	42	4,470,043	941,122	42,566
Missouri	90	9,477,219	1,849,831	200,903
Montana	19	1,250,423	402,397	16,770
Nebraska	34	3,462,448	626,247	45,761
Nevada	9	550,875	321	1,187
New Hampshire	28	2,211,564	722,292	36,174

New Jersey	56	8,289,050	893,902	98,581
New Mexico	29	3,111,418	298,679	64,417
New York	246	41,624,113	3,129,221	838,643
North Carolina	120	14,490,921	2,679,599	126,077
North Dakota	20	1,088,045	437,635	16,802
Ohio	138	18,105,734	3,059,178	258,111
Oklahoma	45	5,378,429	1,954,721	78,944
Oregon	45	5,103,603	911,879	71,040
Pennsylvania	203	23,026,499	2,366,444	356,828
Rhode Island	11	2,054,073	236,719	45,992
South Carolina	59	7,020,723	825,880	86,111
South Dakota	18	1,547,294	635,302	14,107
Tennessee	74	9,137,275	1,143,809	97,968
Texas	173	25,938,478	5,072,485	322,312
Utah	14	4,415,892	404,094	47,020
Vermont	22	2,238,405	1,100,874	48,230
Virginia	78	12,013,905	1,242,813	150,599
Washington	60	6,001,687	972,286	91,015
West Virginia	27	3,118,182	393,769	34,609
Wisconsin	61	8,323,733	1,110,382	112,331
Wyoming	9	349,200	172,982	10,521

* Institutions with accreditation at the higher education level recognized

by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 7A: CONTINUED (PART 2)

STATE	MICROFORMS	FILMS AND	MACHINE	MATERIALS
		AUDIO	VIDEO	
MATERIALS				
TOTAL 50	153,115,800	9,492,848	2,928,274	791,075
STATES AND DC				
Alabama	3,867,375	140,454	69,501	10,612
Alaska	346,634	18,931	7,908	10,138
Arizona	861,140	127,420	47,195	5,176
Arkansas	2,455,129	51,557	28,100	2,741
California	10,521,415	799,734	258,643	69,744
Colorado	2,545,850	87,819	39,860	13,608
Connecticut	4,920,226	101,122	40,423	3,577
Delaware	507,921	8,526	7,652	217

Dis. of Col.	1,151,468	67,511	16,902	1,531
Florida	2,746,011	266,124	109,414	20,502
Georgia	4,212,587	210,133	72,059	28,068
Hawaii	377,493	33,287	21,508	1,294
Idaho	567,589	30,115	12,565	1,194
Illinois	6,288,401	517,044	157,562	23,919
Indiana	2,926,785	188,565	52,791	17,089
Iowa	1,801,404	146,800	49,124	4,818
Kansas	2,288,342	101,707	35,158	13,394
Kentucky	2,436,372	167,535	48,646	5,726
Louisiana	4,162,735	157,668	26,345	23,239
Maine	793,044	53,838	11,361	11,440
Maryland	3,633,638	144,568	55,383	17,244
Massachusetts	5,715,092	587,932	86,706	31,272
Michigan	4,373,383	224,183	89,921	62,104
Minnesota	2,084,373	143,307	66,346	14,175
Mississippi	1,777,291	98,274	41,129	15,496
Missouri	3,665,601	223,692	58,936	9,095
Montana	1,088,483	36,789	10,263	1,639
Nebraska	992,898	63,764	24,887	2,944
Nevada	18,007	30,059	9,605	1,490
New Hampshire	655,196	46,461	10,143	1,146
New Jersey	2,337,769	200,189	65,840	7,240

New Mexico	2,738,885	74,250	19,941	3,393
New York	14,039,851	1,175,141	171,146	60,206
North Carolina	4,512,315	294,880	101,960	17,671
North Dakota	214,824	32,792	10,566	1,594
Ohio	6,126,210	363,128	110,452	49,207
Oklahoma	3,269,156	106,027	43,265	4,921
Oregon	1,266,698	111,810	44,207	1,611
Pennsylvania	7,237,086	612,413	159,978	59,362
Rhode Island	703,882	35,035	7,891	1,158
South Carolina	1,929,014	114,542	41,025	14,510
South Dakota	671,563	40,067	11,608	23,470
Tennessee	3,146,770	166,660	58,342	18,448
Texas	12,212,107	523,474	188,656	35,168
Utah	3,361,874	62,932	22,150	1,638
Vermont	892,299	37,854	9,177	2,351
Virginia	2,205,875	232,750	81,228	37,093
Washington	1,758,686	181,511	80,801	9,567
West Virginia	1,683,696	62,589	21,815	2,076
Wisconsin	2,951,285	184,811	102,942	13,276
Wyoming	74,072	5,074	9,248	2,483

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 7B: NUMBER OF UNDUPLICATED TITLES HELD AT THE END OF THE
YEAR IN

ACADEMIC LIBRARIES BY MATERIAL COLLECTION CATEGORY, AND
LEVEL AND

CONTROL OF INSTITUTION: 1992

	TOTAL	BOOKS	CURRENT	
LEVEL AND CONTROL	NUMBER OF	AND BOUND	GOVERNMENT	
SERIAL	LIBRARIES	SERIALS	DOCUMENTS	
OF INSTITUTION				
SUBSCRIPTIONS				
All Higher Education	3,274	420,621,667	64,714,571	6,965,855
In Institutions				
Total 4-Yr and Above	2,012	376,391,885	62,871,463	6,387,094
Doctorate	500	214,788,382	36,969,119	3,866,582
Masters	817	113,056,178	21,580,102	1,943,956
Baccalaureate	655	46,685,524	3,881,028	501,645

Less Than Four Year	1,262	44,229,782	1,843,108	578,761
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Total Public	1,515	243,870,528	49,407,124	3,883,932
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Total Private	1,759	176,751,139	15,307,447	3,081,923
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* Institutions with accreditation at the higher education level recognized

by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 7B: CONTINUED (PART 2)

LEVEL AND CONTROL	FILM AND	MACHINE	AUDIO	VIDEO	READABLE
OF INSTITUTION	MICROFORMS	MATERIALS	MATERIALS	MATERIALS	MATERIALS
MATERIALS					

All Higher Education	153,115,800	9,492,848	2,928,274	791,075
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In Institutions

Total 4-Yr and Above	148,282,261	7,864,519	1,845,652	499,700
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Doctorate	80,029,176	4,297,989	804,879	285,899
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Masters	60,591,607	2,376,500	701,421	156,625
Baccalaureate	6,580,300	1,141,457	307,429	41,250
Less Than Four Year	4,833,539	1,628,329	1,082,622	291,375
Total Public	103,089,139	4,525,575	1,996,324	621,441
Total Private	50,026,661	4,967,273	931,950	169,634

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 8A: NUMBER OF UNDUPLICATED TITLES ADDED DURING THE YEAR
BY MATERIAL

COLLECTION CATEGORY, AND BY STATE: 1992

ALL HIGHER EDUCATION INSTITUTIONS *

STATE	TOTAL NUMBER OF LIBRARIES	BOOKS AND BOUND SERIALS	CURRENT GOVERNMENT DOCUMENTS	SERIAL SUBSCRIPTIONS
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TOTAL 50 STATES 3,274 12,064,880 3,306,046 253,515

AND DC

Alabama	72	249,627	69,093	7,491
Alaska	6	34,720	7,624	402
Arizona	39	139,499	20,410	2,221
Arkansas	34	115,972	41,586	1,911
California	291	1,079,366	231,595	35,441
Colorado	40	222,571	61,891	2,246
Connecticut	42	139,532	57,751	7,027
Delaware	9	47,199	9,299	475
District of Columbia	17	155,761	11,859	2,162
Florida	98	385,485	65,210	6,806
Georgia	85	244,023	106,416	4,005
Hawaii	14	71,511	11,049	1,035
Idaho	11	45,725	18,332	1,192
Illinois	154	497,340	147,621	12,440
Indiana	71	268,789	64,428	3,671
Iowa	58	203,238	37,525	3,484
Kansas	49	171,338	41,164	1,950
Kentucky	48	177,159	57,447	2,441
Louisiana	31	162,405	75,814	1,882
Maine	31	113,604	31,582	883

Maryland	55	227,898	60,619	3,174
Massachusetts	114	426,831	90,708	11,715
Michigan	98	393,910	207,936	4,902
Minnesota	77	390,469	99,060	5,481
Mississippi	42	108,647	37,230	1,797
Missouri	90	262,842	69,381	12,254
Montana	19	30,006	22,488	593
Nebraska	34	93,734	39,889	2,631
Nevada	9	25,755	7	80
New Hampshire	28	67,977	88,950	1,358
New Jersey	56	184,189	58,925	4,865
New Mexico	29	103,031	22,316	1,210
New York	246	1,023,948	152,979	26,997
North Carolina	120	372,925	196,934	3,947
North Dakota	20	41,150	22,045	1,333
Ohio	138	542,757	96,923	8,073
Oklahoma	45	138,174	56,681	4,706
Oregon	45	159,551	51,715	3,802
Pennsylvania	203	615,126	154,723	12,244
Rhode Island	11	69,002	10,394	650
South Carolina	59	198,363	40,709	3,133
South Dakota	18	45,973	26,797	451
Tennessee	74	217,181	49,930	6,113

Texas	173	761,437	224,223	15,552
Utah	14	163,076	28,541	757
Vermont	22	66,523	20,865	984
Virginia	78	333,789	57,717	6,355
Washington	60	189,174	53,843	3,706
West Virginia	27	53,598	20,128	1,565
Wisconsin	61	220,458	63,162	3,715
Wyoming	9	12,522	12,532	207

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 8A: CONTINUED (PART 2)

		FILMS	MACHINE	
	AUDIO	AND VIDEO	READABLE	
STATE	MICROFORMS	MATERIALS	MATERIALS	MATERIALS

TOTAL 50	9,992,304	302,584	330,482	79,858
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STATES AND DC

Alabama	188,606	6,093	6,427	1,873
Alaska	22,906	626	760	142
Arizona	58,878	5,235	7,392	745
Arkansas	134,137	1,765	2,474	798
California	656,400	23,269	26,587	5,039
Colorado	122,715	4,703	5,239	1,413
Connecticut	321,102	2,517	4,399	1,005
Delaware	110,097	109	1,155	62
Dis. of Col.	112,448	2,046	1,895	442
Florida	170,971	7,480	13,254	4,651
Georgia	306,774	6,968	8,230	2,831
Hawaii	26,347	1,668	1,639	473
Idaho	38,130	864	1,211	266
Illinois	342,197	16,537	18,456	2,927
Indiana	262,934	7,707	7,449	1,752
Iowa	69,092	4,913	5,025	733
Kansas	137,390	2,616	4,809	978
Kentucky	112,350	5,460	4,710	863
Louisiana	259,491	5,725	3,978	1,363
Maine	76,978	2,854	1,881	499

Maryland	224,679	4,799	6,742	1,084
Massachusetts	317,473	23,228	9,573	2,685
Michigan	520,212	9,871	9,666	2,265
Minnesota	148,709	5,461	7,516	1,822
Mississippi	147,572	2,867	4,017	1,321
Missouri	246,699	8,489	8,031	1,788
Montana	74,657	1,352	1,249	568
Nebraska	81,600	2,580	2,314	966
Nevada	754	759	1,192	271
New Hampshire	82,113	1,156	1,273	201
New Jersey	139,801	5,969	7,051	859
New Mexico	102,360	4,882	2,110	574
New York	800,148	14,630	17,935	6,979
North Carolina	321,239	10,272	11,623	2,119
North Dakota	34,821	697	1,414	322
Ohio	395,079	11,313	14,506	2,288
Oklahoma	226,860	2,903	5,002	613
Oregon	79,724	5,823	3,259	806
Pennsylvania	396,326	17,729	17,425	4,955
Rhode Island	32,627	1,557	1,541	350
South Carolina	148,673	5,294	4,486	5,158
South Dakota	54,885	1,466	1,348	396
Tennessee	275,444	5,313	6,872	1,121

Texas	799,713	16,896	21,230	4,778
Utah	185,714	2,199	2,629	423
Vermont	38,597	1,841	1,423	545
Virginia	178,075	9,558	10,468	1,099
Washington	115,755	5,362	7,897	1,196
West Virginia	110,208	2,161	2,208	823
Wisconsin	169,485	6,663	10,624	2,381
Wyoming	12,359	339	888	247

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

**TABLE 8B: NUMBER OF UNDUPLICATED TITLES ADDED DURING THE YEAR
BY MATERIAL**

**COLLECTION CATEGORY, AND BY LEVEL AND CONTROL OF
INSTITUTION: 1992**

	TOTAL	BOOKS AND	CURRENT
LEVEL AND CONTROL	NUMBER OF	BOUND	GOVERNMENT
SERIAL	SERIALS	DOCUMENTS	DOCUMENTS
OF INSTITUTION	LIBRARIES	SERIALS	DOCUMENTS
SUBSCRIPTIONS			

All Higher Education	3,274	12,064,880	3,306,046	253,515
In Institutions*				
Total 4-yr & Above	2,012	10,594,071	3,109,834	212,598
Doctorate	500	6,137,218	1,350,040	110,920
Masters	817	2,967,372	1,361,358	74,561
Baccalaureate	655	1,415,572	377,545	21,704
Less Than Four Year	1,262	1,470,809	196,212	40,917
Total Public	1,515	7,130,008	2,306,231	122,125
Total Private	1,759	4,934,872	999,815	131,390

* Institutions with accreditation at the higher education level recognized
 by the Secretary of Education, 1992
 Source: 1992 IPEDS Academic Library Survey

TABLE 8B: CONTINUED (PART 2)

	FILMS	MACHINE		
LEVEL AND CONTROL		AUDIO	AND VIDEO	READABLE
OF INSTITUTION	MICROFORMS	MATERIALS	MATERIALS	
MATERIALS				

All Higher Education	9,992,304	302,584	330,482	79,858
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In Institutions*

Total 4-yr & Above	9,587,635	260,097	209,920	57,413
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Doctorate	4,545,685	125,769	84,604	23,067
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Masters	4,334,895	88,657	78,364	24,881
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Baccalaureate	630,960	43,111	43,866	8,655
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Less Than Four Year	404,669	42,487	120,562	22,445
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Total Public	6,222,778	153,636	206,622	57,828
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Total Private	3,769,526	148,948	123,860	22,030
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* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 9A: TOTAL NUMBER OF LIBRARY LOAN TRANSACTIONS BY TYPE OF TRANSACTION,

IN ACADEMIC LIBRARIES BY STATE: 1992

* ALL HIGHER EDUCATION INSTITUTIONS *

--- CIRCULATION ---

STATE	TOTAL	LOANS PROVIDED		LOANS RECEIVED
	NUMBER OF LIBRARIES	GENERAL COLLECTION	TO OTHER LIBRARIES	FROM OTHER LIBRARIES
TOTAL 50 STATES AND DC	3,274	180,392,780	7,987,047	5,304,680
Alabama	72	2,591,667	97,440	53,539
Alaska	6	406,285	25,683	20,906
Arizona	39	2,875,855	100,837	56,295
Arkansas	34	1,612,460	70,342	48,651
California	291	22,248,482	549,236	375,837
Colorado	40	2,714,748	173,259	95,524
Connecticut	42	1,802,498	106,983	65,480

Delaware	9	1,509,033	15,831	8,739
District of Columbia	17	1,709,767	53,091	32,559
Florida	98	6,059,023	254,393	155,318
Georgia	85	3,120,439	146,380	72,556
Hawaii	14	912,929	12,716	10,285
Idaho	11	750,673	29,321	25,454
Illinois	154	9,318,097	806,680	552,751
Indiana	71	4,581,684	228,845	177,096
Iowa	58	2,540,274	148,600	90,948
Kansas	49	3,880,317	122,267	87,665
Kentucky	48	2,362,955	93,220	68,755
Louisiana	31	2,175,833	178,806	63,004
Maine	31	723,058	89,678	82,555
Maryland	55	2,834,860	97,000	88,983
Massachusetts	114	6,336,972	292,771	186,897
Michigan	98	5,575,312	193,920	126,779
Minnesota	77	3,901,437	328,521	190,499
Mississippi	42	1,420,121	30,983	22,383
Missouri	90	3,419,802	139,292	121,981
Montana	19	418,024	31,668	31,176
Nebraska	34	1,470,266	66,214	52,494
Nevada	9	551,090	15,148	13,993
New Hampshire	28	998,299	50,122	36,391

New Jersey	56	3,948,153	211,934	89,064
New Mexico	29	1,206,209	50,477	46,867
New York	246	14,231,793	596,207	409,269
North Carolina	120	5,382,119	191,738	102,475
North Dakota	20	1,329,613	50,737	54,535
Ohio	138	6,430,963	334,458	245,156
Oklahoma	45	1,835,354	91,340	69,958
Oregon	45	2,937,817	105,510	80,987
Pennsylvania	203	8,227,172	425,602	301,981
Rhode Island	11	806,964	28,274	19,733
South Carolina	59	2,323,972	67,911	63,781
South Dakota	18	430,287	36,091	31,849
Tennessee	74	3,175,798	88,377	65,572
Texas	173	10,919,537	410,323	270,288
Utah	14	1,866,651	58,621	44,415
Vermont	22	761,544	39,434	37,136
Virginia	78	4,226,237	171,641	108,553
Washington	60	3,428,794	191,250	75,310
West Virginia	27	1,301,405	29,571	27,354
Wisconsin	61	4,349,206	221,083	129,101
Wyoming	9	450,932	37,221	15,803

* Institutions with accreditation at the higher education level recognized by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 9B. TOTAL NUMBER OF LIBRARY LOAN TRANSACTIONS BY TYPE OF TRANSACTION,

IN ACADEMIC LIBRARIES BY LEVEL AND CONTROL OF INSTITUTION:
1992

----- Circulation -----

LEVEL AND CONTROL RECEIVED FROM	TOTAL NUMBER OF LIBRARIES	LOANS COLLECTION	LOANS OTHER LIBRARIES	PROVIDED TO OTHER LIBRARIES
All Higher Education Institutions*	3,274	180,392,780	7,987,047	5,304,680
Total 4-YR and Above	2,012	153,238,726	7,510,479	4,734,786
Doctorate	500	103,141,693	5,256,676	2,756,658
Masters	817	36,682,409	1,676,511	1,382,190
Baccalaureate	655	12,294,210	509,287	558,289

Less Than Four Year	1,262	27,154,054	476,568	569,894
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Total Public	1,515	125,190,422	5,459,889	3,258,725
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Total Private	1,759	55,202,358	2,527,158	2,045,955
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* Institutions with accreditation at the higher education level recognized

by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 10A: PUBLIC SERVICE HOURS PER TYPICAL WEEK AND NUMBER OF LIBRARIES BY

CATEGORY OF PUBLIC SERVICE HOURS PER TYPICAL WEEK IN ACADEMIC

LIBRARIES BY STATE: 1992

ALL HIGHER EDUCATION INSTITUTIONS *

STATE	TOTAL	TOTAL	LESS			
	NUMBER OF	PUBLIC	THAN	20	20 TO 39	40 TO 59
	LIBRARIES	SERVICE HOURS				

TOTAL 50 STATES	3,274	251,699	10	41	416
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AND DC

Alabama	72	5,125	1	1	13
Alaska	6	717	0	0	1
Arizona	39	2,955	0	0	3
Arkansas	34	2,438	0	2	1
California	291	21,090	2	4	50
Colorado	40	3,181	0	0	1
Connecticut	42	3,079	0	1	11
Delaware	9	720	0	0	0
District of Columbia	17	1,431	0	0	3
Florida	98	7,584	1	1	11
Georgia	85	6,237	0	3	8
Hawaii	14	1,041	0	0	3
Idaho	11	896	0	0	0
Illinois	154	12,032	1	2	20
Indiana	71	5,469	0	0	11
Iowa	58	5,140	0	0	6
Kansas	49	3,672	0	0	2
Kentucky	48	3,616	0	0	9
Louisiana	31	2,554	0	0	2
Maine	31	2,375	0	1	5
Maryland	55	4,327	1	0	7
Massachusetts	114	9,245	0	1	15

Michigan	98	7,789	0	1	13
Minnesota	77	6,050	0	0	10
Mississippi	42	3,052	0	1	5
Missouri	90	6,796	0	0	16
Montana	19	1,212	1	1	6
Nebraska	34	2,721	0	0	1
Nevada	9	631	0	0	2
New Hampshire	28	2,184	0	1	4
New Jersey	56	4,277	0	0	6
New Mexico	29	2,053	0	0	6
New York	246	19,197	0	8	31
North Carolina	120	9,005	1	3	5
North Dakota	20	1,406	0	0	4
Ohio	138	10,374	0	2	21
Oklahoma	45	3,374	0	0	4
Oregon	45	3,525	0	0	7
Pennsylvania	203	15,898	0	2	33
Rhode Island	11	1,034	0	0	1
South Carolina	59	4,337	0	2	8
South Dakota	18	1,443	0	0	0
Tennessee	74	5,678	1	1	8
Texas	173	13,386	0	0	11
Utah	14	1,139	0	0	0

Vermont	22	1,999	0	0	2
Virginia	78	6,116	1	3	12
Washington	60	4,337	0	0	10
West Virginia	27	2,056	0	0	1
Wisconsin	61	4,958	0	0	7
Wyoming	9	748	0	0	0

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 10A: CONTINUED (PART 2)

STATE	60 TO 79	80 TO 99	100 TO 119	120 OR MORE
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TOTAL 50 STATES	1,471	970	289	77
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AND DC

Alabama	40	12	2	3
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Alaska	1	1	0	3
Arizona	24	9	2	1
Arkansas	19	11	1	0
California	148	71	10	6
Colorado	21	14	4	0
Connecticut	12	15	3	0
Delaware	5	2	2	0
District of Columbia	5	4	4	1
Florida	50	22	9	4
Georgia	48	20	5	1
Hawaii	4	6	1	0
Idaho	4	6	1	0
Illinois	61	54	11	5
Indiana	29	24	6	1
Iowa	16	22	9	5
Kansas	30	16	1	0
Kentucky	17	18	3	1
Louisiana	11	15	2	1
Maine	10	10	5	0
Maryland	21	16	8	2
Massachusetts	32	42	24	0
Michigan	47	22	9	6
Minnesota	35	23	6	3

Mississippi	26	8	1	1
Missouri	35	33	6	0
Montana	5	6	0	0
Nebraska	18	12	2	1
Nevada	5	2	0	0
New Hampshire	9	10	4	0
New Jersey	27	17	5	1
New Mexico	15	7	1	0
New York	100	66	35	6
North Carolina	73	29	4	5
North Dakota	14	2	0	0
Ohio	61	37	17	0
Oklahoma	25	13	3	0
Oregon	21	9	5	3
Pennsylvania	71	68	25	4
Rhode Island	0	7	2	1
South Carolina	27	18	4	0
South Dakota	10	7	1	0
Tennessee	37	20	4	3
Texas	90	57	13	2
Utah	8	3	3	0
Vermont	3	11	5	1
Virginia	23	27	9	3

Washington	35	10	5	0
West Virginia	17	9	0	0
Wisconsin	20	25	7	2
Wyoming	6	2	0	1

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 10B: PUBLIC SERVICE HOURS PER TYPICAL WEEK AND NUMBER OF LIBRARIES BY

CATEGORY OF PUBLIC SERVICE HOURS PER TYPICAL WEEK IN ACADEMIC

LIBRARIES BY CONTROL AND TYPE OF INSTITUTION: 1992

LEVEL AND CONTROL OF INSTITUTION	TOTAL NUMBER OF LIBRARIES	TOTAL LESS PUBLIC THAN		
		20 SERVICE HOURS	20 TO 39	40 TO 59

All Higher Education Institutions*	3,274	251,699	10	41	416
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Total 4-Yr and Above	2,012	170,616	4	12	121
Doctorate	500	46,763	1	3	19
Masters	817	68,988	1	3	39
Baccalaureate	655	51,386	2	5	60
Less Than Four Year	1,262	81,083	6	29	295
Total Public	1,515	114,939	3	6	155
Total Private	1,759	136,760	7	35	261

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992
Source: 1992 IPEDS Academic Library Survey

TABLE 10B: CONTINUED (PART 2)

LEVEL AND CONTROL

OF INSTITUTION 60 TO 79 80 TO 99 100 TO 119 120 OR MORE

All Higher Education Institutions*	1,471	970	289	77
Total 4-Yr and Above	612	921	285	57
Doctorate	81	224	142	30
Masters	217	472	68	17
Baccalaureate	308	208	62	10
Less Than Four Year	859	49	4	20
Total Public	843	366	101	41
Total Private	628	604	188	36

* Institutions with accreditation at the higher education level recognized by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 11A: NUMBER OF INDIVIDUALS SERVED PER TYPICAL WEEK BY TYPE OF LIBRARY

SERVICE IN ACADEMIC LIBRARIES BY STATE: 1992

ALL HIGHER EDUCATION INSTITUTIONS *

INFORMATION SERVICE TO GROUPS

STATE SERVED	TOTAL NUMBER OF LIBRARIES	ATTENDANCE IN LIBRARY	REFERENCE TRANSACTIONS	NUMBER OF PRESENTATIONS	NUMBER OF PERSONS
<hr/>					
TOTAL 50 STATES AND DC	3,274	67,075,192	9,042,522	298,049	5,504,148
Alabama	72	1,755,692	73,570	5,002	104,587
Alaska	6	42,199	3,072	466	5,717
Arizona	39	1,016,787	454,579	4,658	100,255
Arkansas	34	1,471,289	213,527	2,397	46,920
California	291	11,992,837	1,964,142	28,743	574,276
Colorado	40	313,846	25,478	4,558	84,605
Connecticut	42	303,659	27,857	581	9,643
Delaware	9	279,743	8,958	943	17,375
Distr. of Columbia	17	263,333	184,655	2,956	47,601
Florida	98	2,134,915	428,406	9,806	207,126

Georgia	85	1,345,346	62,653	7,028	128,350
Hawaii	14	151,869	8,647	1,367	21,667
Idaho	11	104,593	8,990	982	16,918
Illinois	154	2,290,304	225,805	14,234	241,167
Indiana	71	1,442,318	329,783	6,595	120,604
Iowa	58	841,882	131,035	4,849	85,532
Kansas	49	1,002,302	173,093	4,010	95,012
Kentucky	48	688,350	43,769	4,732	97,005
Louisiana	31	360,268	75,394	4,754	73,470
Maine	31	114,572	10,509	1,157	22,046
Maryland	55	1,715,488	125,062	4,848	89,063
Massachusetts	114	1,217,978	85,193	9,098	143,077
Michigan	98	762,539	133,903	10,609	206,775
Minnesota	77	824,589	413,143	5,823	114,315
Mississippi	42	764,103	67,889	2,713	65,032
Missouri	90	931,556	263,297	9,939	125,368
Montana	19	598,476	72,858	1,048	20,009
Nebraska	34	180,608	16,677	2,680	49,303
Nevada	9	62,011	10,072	1,306	26,125
New Hampshire	28	368,528	20,412	1,443	23,199
New Jersey	56	1,926,540	299,622	6,763	121,713
New Mexico	29	641,727	192,021	2,837	44,249
New York	246	1,638,447	170,442	22,253	358,673

North Carolina	120	1,386,451	375,352	10,376	166,771
North Dakota	20	93,273	38,052	895	17,975
Ohio	138	3,561,498	370,144	11,239	226,949
Oklahoma	45	1,001,620	114,999	4,789	103,164
Oregon	45	361,325	27,165	4,189	72,796
Pennsylvania	203	5,163,513	267,942	16,485	291,253
Rhode Island	11	523,581	34,561	912	16,348
South Carolina	59	1,019,259	65,137	5,186	90,186
South Dakota	18	100,604	8,478	1,188	25,114
Tennessee	74	1,862,174	252,128	6,402	143,425
Texas	173	6,040,193	547,037	18,681	387,044
Utah	14	169,321	47,462	2,784	52,875
Vermont	22	304,685	10,146	1,129	17,842
Virginia	78	994,949	200,214	6,171	123,556
Washington	60	1,989,710	84,791	7,495	115,699
West Virginia	27	620,442	53,827	1,600	37,487
Wisconsin	61	2,272,279	215,159	6,882	119,838
Wyoming	9	61,621	5,415	468	9,049

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 11B: NUMBER OF INDIVIDUALS SERVED PER TYPICAL WEEK BY TYPE OF LIBRARY

SERVICE IN ACADEMIC LIBRARIES BY LEVEL AND CONTROL OF INSTITUTION:

1992

INFORMATION SERVICE TO GROUPS					
	TOTAL			NUMBER OF	
LEVEL AND CONTROL	NUMBER OF	ATTENDANCE	REFERENCE		
NUMBER OF PERSONS					
OF INSTITUTION	LIBRARIES	IN LIBRARY	TRANSACTIONS		
PRESENTATIONS	SERVED				
All Higher Education	3,274	67,075,192	9,042,522	298,049	5,504,148
Institutions*					
Total 4-yr and Above	2,012	48,933,011	7,473,123	206,948	3,567,805
Doctorate	500	25,220,459	5,622,357	109,320	1,770,642
Masters	817	17,529,267	1,333,409	66,115	1,324,402
Baccalaureate	655	5,766,644	412,975	29,422	445,212
less Than Four Year	1,262	18,142,181	1,569,399	91,101	1,936,343

Total Public	1,515	45,160,625	7,131,655	197,340	3,909,070
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Total Private	1,759	21,914,567	1,910,867	100,709	1,595,078
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* Institutions with accreditation at the higher education level recognized

by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE A: NUMBER OF ACADEMIC LIBRARIES RESPONDING WITH A POSITIVE VALUE BY

ITEM AND BY LEVEL AND CONTROL OF INSTITUTION: 1992

--4 Year Institutions--

TOTAL	MASTERS			
HIGHER	TOTAL	WITH HIGHEST		
EDUCATION	4-YEAR	DOCTORS	LEVEL OF	
INSTITUTIONS	INSTIT.	DEGREE	DEGREE	

ALL INSTITUTIONS	3,274	2,012	500	817
NON-RESPONDING LIBRARIES		283	121	31
RESPONDING LIBRARIES	2,991	1,891	469	778

Part B - Library Staff

LIBRARIANS/PROFESSIONAL STAFF	2,938	1,865	469	767
ALL OTHER PAID STAFF	2,759	1,772	461	743
CONTRIBUTED SERVICES STAFF	239	176	31	88
STUDENT ASSISTANTS/ALL FUNDING	2,788	1,798	444	746

Part C - Library Operating Expenditures

LIBRARIANS/PROFESSIONAL STAFF	2,900	1,843	466	759
ALL OTHER PAID STAFF	2,606	1,664	444	705
STUDENT ASSISTANTS	2,609	1,710	433	719
PRINT MATERIALS(COLLECTIONS)	2,956	1,870	466	770
CURRENT SERIAL SUBSCRIPTIONS	2,881	1,835	457	759
MICROFORMS(w/o serial subs)	2,155	1,353	319	608
AUDIOVISUAL MATERIALS	2,204	1,332	312	569
MACHINE READABLE MATERIALS	1,779	1,149	299	519
OTHER	1,181	784	217	317
PRESERVATION	1,842	1,378	397	577
FURNITURE & EQUIPMENT	2,380	1,549	398	650
ALL OTHER OPERATING EXPEND.	2,721	1,775	453	736

Part D - Library Collections

BOOKS/SERIALS CATALOGED VOLS. ADDED	2,981	1,885	469	776
BOOKS/SERIALS CATALOGED VOLS. EOFY	2,990	1,890	469	778
BOOKS/SERIALS CATALOGED TITLES ADDED	2,963	1,874	465	769

BOOKS/SERIALS CATALOGED TITLES EOFY	2,974	1,881	466	774
GOVT. DOCUMENTS NO. OF UNITS ADDED	1,651	1,153	324	510
GOVT. DOCUMENTS NO. OF UNITS EOFY	1,730	1,206	329	529
GOVT. DOCUMENTS NO. OF TITLES ADDED	1,666	1,166	328	505
GOVT. DOCUMENTS NO. OF TITLES EOFY	1,747	1,211	331	527
CURRENT SERIALS PAID/UNPAID ADDED	2,549	1,614	428	656
CURRENT SERIALS PAID/UNPAID EOFY	2,981	1,882	469	775
CURRENT SERIALS NO. OF TITLES ADDED	2,507	1,622	417	664
CURRENT SERIALS NO. OF TITLES EOFY	2,911	1,857	460	760
MICROFORMS NO. OF UNITS ADDED	2,679	1,722	442	721
MICROFORMS NO. OF UNITS EOFY	2,807	1,804	459	746
MICROFORMS NO. OF TITLES ADDED	2,405	1,594	421	678
MICROFORMS NO. OF TITLES EOFY	2,784	1,785	452	741
MANUSCRIPTS/ARCHIVES (FEET) ADDED	1,762	1,270	365	530
MANUSCRIPTS/ARCHIVES (FEET) EOFY	2,150	1,521	422	626
CARTOGRAPHIC MATERIALS (UNITS) ADDED	1,604	1,095	321	445
CARTOGRAPHIC MATERIALS (UNITS) EOFY	2,152	1,382	369	585
GRAPHIC MATERIALS (NO. UNITS) ADDED	1,642	1,085	307	437
GRAPHIC MATERIALS (NO. UNITS) EOFY	2,244	1,432	366	597
AUDIO MATERIALS (NO. UNITS) ADDED	2,388	1,575	410	642
AUDIO MATERIALS (NO. UNITS) EOFY	2,793	1,775	444	721
AUDIO MATERIALS (NO. TITLES) ADDED	2,391	1,575	412	649
AUDIO MATERIALS (NO. TITLES) EOFY	2,787	1,770	448	715

FILM/VIDEO MATERIALS UNITS ADDED	2,680	1,692	414	689
FILM/VIDEO MATERIALS UNITS EOFY	2,809	1,769	436	722
FILM/VIDEO MATERIALS TITLES ADDED	2,692	1,701	422	692
FILM/VIDEO MATERIALS TITLES EOFY	2,806	1,772	444	717
MACHINE-READABLE NO. OF UNITS ADDED	2,355	1,540	410	652
MACHINE-READABLE NO. OF UNITS EOFY	2,516	1,620	420	686
MACHINE READABLE NO. OF TITLES ADDED	2,356	1,534	411	648
MACHINE READABLE NO. OF TITLES EOFY	2,516	1,620	425	683
OTHER LIBRARY MATERIALS ADDED	1,587	1,087	282	465
OTHER LIBRARY MATERIALS EOFY	1,921	1,266	323	537

Part E - Library Loan Transactions

CIRCULATION TRANS. GENERAL	2,991	1,891	469	778
CIRCULATION TRANS. RESERVE	2,893	1,844	460	760
INTER-LOANS PROVIDED TO	2,712	1,769	466	737
INTER-LOANS RECEIVED FROM	2,842	1,832	467	756
INFO SERV. NO. OF PRESENTATION	2,892	1,830	458	757
INFO SERV. NO. OF PERSONS	2,879	1,818	453	756

Part F - Library Service per Typical Week

PUBLIC SERVICE HOURS PER WEEK	2,964	1,871	459	770
GATE COUNT	2,948	1,856	459	770
REFERENCE TRANS. PER WEEK	2,959	1,871	464	773

Note: EOFY = held at End Of Fiscal Year

TABLE A: CONTINUED (PART 2)

	--4 Year Institutions--				
	BACHELORS	LESS	HIGHEST	THAN	
	LEVEL OF	FOUR	DEGREE	YEAR	
			PUBLIC	PRIVATE	
ALL INSTITUTIONS	655	1,262	1,515	1,759	
NON-RESPONDING LIBRARIES		49	162	42	241
RESPONDING LIBRARIES	606	1,100	1,473	1,518	
Part B - Library Staff					
LIBRARIANS/PROFESSIONAL STAFF		591	1,073	1,465	1,473
ALL OTHER PAID STAFF	532	987	1,450	1,309	
CONTRIBUTED SERVICES STAFF		53	63	60	179
STUDENT ASSISTANTS/ALL FUNDING		574	990	1,406	1,382

Part C - Library Operating Expenditures

LIBRARIANS/PROFESSIONAL STAFF	580	1,057	1,448	1,452
ALL OTHER PAID STAFF	483	942	1,394	1,212
STUDENT ASSISTANTS	526	899	1,304	1,305
PRINT MATERIALS(COLLECTIONS)	596	1,086	1,466	1,490
CURRENT SERIAL SUBSCRIPTIONS	582	1,046	1,440	1,441
MICROFORMS(w/o serial subs)	401	802	1,165	990
AUDIOVISUAL MATERIALS	415	872	1,134	1,070
MACHINE READABLE MATERIALS	307	630	978	801
OTHER	231	397	628	553
PRESERVATION	374	464	868	974
FURNITURE & EQUIPMENT	468	831	1,212	1,168
ALL OTHER OPERATING EXPEND.	552	946	1,369	1,352

Part D - Library Collections

BOOKS/SERIALS CATALOGED VOLS. ADDED	602	1,096	1,469	1,512
BOOKS/SERIALS CATALOGED VOLS. EOFY	605	1,100	1,473	1,517
BOOKS/SERIALS CATALOGED TITLES ADDED	603	1,089	1,461	1,502
BOOKS/SERIALS CATALOGED TITLES EOFY	604	1,093	1,463	1,511
GOVT. DOCUMENTS NO. OF UNITS ADDED	299	498	859	792
GOVT. DOCUMENTS NO. OF UNITS EOFY	327	524	906	824
GOVT. DOCUMENTS NO. OF TITLES ADDED	314	500	872	794

GOVT. DOCUMENTS NO. OF TITLES EOFY	331	536	911	836
CURRENT SERIALS PAID/UNPAID ADDED	496	935	1,246	1,303
CURRENT SERIALS PAID/UNPAID EOFY	601	1,099	1,472	1,509
CURRENT SERIALS NO. OF TITLES ADDED	505	885	1,211	1,296
CURRENT SERIALS NO. OF TITLES EOFY	599	1,054	1,421	1,490
MICROFORMS NO. OF UNITS ADDED	528	957	1,402	1,277
MICROFORMS NO. OF UNITS EOFY	565	1,003	1,438	1,369
MICROFORMS NO. OF TITLES ADDED	468	811	1,238	1,167
MICROFORMS NO. OF TITLES EOFY	559	999	1,423	1,361
MANUSCRIPTS/ARCHIVES (FEET) ADDED	357	492	842	920
MANUSCRIPTS/ARCHIVES (FEET) EOFY	453	629	1,024	1,126
CARTOGRAPHIC MATERIALS (UNITS) ADDED	319	509	824	780
CARTOGRAPHIC MATERIALS (UNITS) EOFY	412	770	1,147	1,005
GRAPHIC MATERIALS (NO. UNITS) ADDED	322	557	845	797
GRAPHIC MATERIALS (NO. UNITS) EOFY	449	812	1,167	1,077
AUDIO MATERIALS (NO. UNITS) ADDED	488	813	1,172	1,216
AUDIO MATERIALS (NO. UNITS) EOFY	572	1,018	1,396	1,397
AUDIO MATERIALS (NO. TITLES) ADDED	479	816	1,176	1,215
AUDIO MATERIALS (NO. TITLES) EOFY	569	1,017	1,386	1,401
FILM/VIDEO MATERIALS UNITS ADDED	553	988	1,323	1,357
FILM/VIDEO MATERIALS UNITS EOFY	575	1,040	1,388	1,421
FILM/VIDEO MATERIALS TITLES ADDED	552	991	1,329	1,363
FILM/VIDEO MATERIALS TITLES EOFY	575	1,034	1,387	1,419

MACHINE-READABLE NO. OF UNITS ADDED	449	815	1,230	1,125
MACHINE-READABLE NO. OF UNITS EOFY	483	896	1,309	1,207
MACHINE READABLE NO. OF TITLES ADDED	446	822	1,233	1,123
MACHINE READABLE NO. OF TITLES EOFY	482	896	1,310	1,206
OTHER LIBRARY MATERIALS ADDED	323	500	775	812
OTHER LIBRARY MATERIALS EOFY	385	655	989	932

Part E - Library Loan Transactions

CIRCULATION TRANS. GENERAL	606	1,100	1,473	1,518
CIRCULATION TRANS. RESERVE	589	1,049	1,450	1,443
INTER-LOANS PROVIDED TO	530	943	1,402	1,310
INTER-LOANS RECEIVED FROM	572	1,010	1,447	1,395
INFO SERV. NO. OF PRESENTATION	579	1,062	1,458	1,434
INFO SERV. NO. OF PERSONS	574	1,061	1,453	1,426

Part F - Library Service per Typical Week

PUBLIC SERVICE HOURS PER WEEK	604	1,093	1,461	1,503
GATE COUNT	591	1,092	1,461	1,487
REFERENCE TRANS. PER WEEK	597	1,088	1,469	1,490

Note: EOFY = held at End Of Fiscal Year

TABLE B: NUMBER AND PERCENT OF NON-RESPONDING ACADEMIC LIBRARIES BY STATE,

LEVEL AND CONTROL OF INSTITUTION: 1992

Four-Year Institutions										
STATE	TOTAL		MASTERS BACHELORS							
	HIGHER EDUCATION INSTITUTIONS	TOTAL	TOTAL		WITH HIGHEST		HIGHEST		HIGHEST	
			4-YR		DOCTORS		LEVEL OF		LEVEL OF	
			INSTITUTIONS	INSTITUTIONS	DEGREE	DEGREE	DEGREE	DEGREE	DEGREE	DEGREE
LIBRARIES WITH ALL ITEMS IMPUTED	283	8.6%	121	6.0%	31	6.2%	39	4.8%	49	7.5%
ALABAMA	7	9.7	2	5.9	2	22.2	0	0.0	0	0.0
ALASKA	1	16.7	0	0.0	0	0.0	0	0.0	0	0.0
ARIZONA	8	20.5	6	33.3	2	40.0	3	37.5	1	20.0
ARKANSAS	5	14.7	2	10.0	1	25.0	1	11.1	0	0.0
CALIFORNIA	59	20.3	27	17.4	9	20.0	8	10.7	10	33.3
COLORADO	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CONNECTICUT	4	9.5	4	16.0	1	12.5	3	23.1	0	0.0
DELAWARE	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
DISTRICT OF COLUMBIA	1	5.9	1	5.9	0	0.0	1	12.5	0	0.0

FLORIDA	18 18.4	10 17.5	1 7.1	4 23.5	5 20.0
GEORGIA	3 3.5	0 0.0	0 0.0	0 0.0	0 0.0
HAWAII	1 7.1	1 12.5	1 50.0	0 0.0	0 0.0
IDAHO	1 9.1	0 0.0	0 0.0	0 0.0	0 0.0
ILLINOIS	10 6.5	7 7.1	3 10.0	3 9.4	1 2.9
INDIANA	10 14.1	1 2.0	0 0.0	0 0.0	1 5.6
IOWA	3 5.2	1 2.6	0 0.0	0 0.0	1 4.5
KANSAS	3 6.1	3 11.1	1 25.0	2 16.7	0 0.0
KENTUCKY	9 18.8	0 0.0	0 0.0	0 0.0	0 0.0
LOUISIANA	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0
MAINE	1 3.2	0 0.0	0 0.0	0 0.0	0 0.0
MARYLAND	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0
MASSACHUSETTS	7 6.1	4 4.8	0 0.0	2 6.1	2 8.7
MICHIGAN	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0
MINNESOTA	12 15.6	5 11.4	1 14.3	3 18.8	1 5.6
MISSISSIPPI	2 4.8	1 4.8	0 0.0	0 0.0	1 14.3
MISSOURI	11 12.2	5 7.8	2 13.3	1 5.0	1 3.8
MONTANA	3 15.8	1 11.1	0 0.0	1 25.0	0 0.0
NEBRASKA	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0
NEVADA	2 22.2	1 25.0	0 0.0	0 0.0	1 50.0
NEW HAMPSHIRE	2 7.1	2 11.8	0 0.0	0 0.0	2 28.6
NEW JERSEY	1 1.8	0 0.0	0 0.0	0 0.0	0 0.0
NEW MEXICO	3 10.3	2 16.7	0 0.0	1 14.3	1 50.0

NEW YORK	2 0.8	0 0.0	0 0.0	0 0.0	0 0.0
NORTH CAROLINA	1 0.8	0 0.0	0 0.0	0 0.0	0 0.0
NORTH DAKOTA	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0
OHIO	16 11.6	5 5.7	3 14.3	0 0.0	2 5.9
OKLAHOMA	3 6.7	0 0.0	0 0.0	0 0.0	0 0.0
OREGON	1 2.2	0 0.0	0 0.0	0 0.0	0 0.0
PENNSYLVANIA	33 16.3	5 3.6	0 0.0	1 1.6	4 7.8
RHODE ISLAND	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0
SOUTH CAROLINA	2 3.4	2 5.7	0 0.0	0 0.0	1 6.7
SOUTH DAKOTA	4 22.2	3 17.6	0 0.0	1 11.1	2 50.0
TENNESSEE	3 4.1	0 0.0	0 0.0	0 0.0	0 0.0
TEXAS	16 9.2	9 9.3	1 2.8	2 5.6	6 26.1
UTAH	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0
VERMONT	1 4.5	1 5.6	0 0.0	0 0.0	1 25.0
VIRGINIA	6 7.7	6 13.0	2 16.7	0 0.0	4 22.2
WASHINGTON	4 6.7	2 7.4	1 20.0	0 0.0	1 14.3
WEST VIRGINIA	1 3.7	0 0.0	0 0.0	0 0.0	0 0.0
WISCONSIN	2 3.3	2 4.9	0 0.0	2 7.1	0 0.0
WYOMING	1 11.1	0 0.0	0 0.0	0 0.0	0 0.0

TABLE B: CONTINUED (PART 2)

LESS THAN

STATE FOUR-YEAR PUBLIC PRIVATE

LIBRARIES WITH ALL 162 12.8% 42 2.8% 241 13.7%

ITEMS IMPUTED

ALABAMA 5 13.2 1 2.2 6 23.1

ALASKA 1 100.0 0 0.0 1 33.3

ARIZONA 2 9.5 2 9.5 6 33.3

ARKANSAS 3 21.4 3 15.0 2 14.3

CALIFORNIA 32 23.5 12 8.6 47 31.1

COLORADO 0 0.0 0 0.0 0 0.0

CONNECTICUT 0 0.0 1 4.5 3 15.0

DELAWARE 0 0.0 0 0.0 0 0.0

DISTRICT OF COLUMBIA 0 0.0 0 0.0 1 6.7

FLORIDA 8 19.5 0 0.0 18 30.0

GEORGIA 3 7.7 0 0.0 3 7.5

HAWAII 0 0.0 0 0.0 1 20.0

IDAHO 1 25.0 0 0.0 1 20.0

ILLINOIS	3	5.4	0	0.0	10	10.3
INDIANA	9	45.0	7	25.0	3	7.0
IOWA	2	10.0	1	5.3	2	5.1
KANSAS	0	0.0	2	6.9	1	5.0
KENTUCKY	9	69.2	0	0.0	9	23.1
LOUISIANA	0	0.0	0	0.0	0	0.0
MAINE	1	9.1	0	0.0	1	5.9
MARYLAND	0	0.0	0	0.0	0	0.0
MASSACHUSETTS	3	10.0	0	0.0	7	8.4
MICHIGAN	0	0.0	0	0.0	0	0.0
MINNESOTA	7	21.2	3	8.6	9	21.4
MISSISSIPPI	1	4.8	0	0.0	2	11.8
MISSOURI	6	23.1	0	0.0	11	17.5
MONTANA	2	20.0	2	15.4	1	16.7
NEBRASKA	0	0.0	0	0.0	0	0.0
NEVADA	1	20.0	0	0.0	2	66.7
NEW HAMPSHIRE	0	0.0	0	0.0	2	11.8
NEW JERSEY	1	4.2	0	0.0	1	4.2
NEW MEXICO	1	5.9	0	0.0	3	42.9
NEW YORK	2	2.6	1	1.2	1	0.6
NORTH CAROLINA	1	1.5	0	0.0	1	2.2
NORTH DAKOTA	0	0.0	0	0.0	0	0.0
OHIO	11	21.6	3	5.3	13	16.0

OKLAHOMA	3	15.0	0	0.0	3	18.8
OREGON	1	7.1	0	0.0	1	4.2
PENNSYLVANIA	28	44.4	1	1.7	32	22.4
RHODE ISLAND	0	0.0	0	0.0	0	0.0
SOUTH CAROLINA	0	0.0	1	2.9	1	4.0
SOUTH DAKOTA	1	100.0	2	25.0	2	20.0
TENNESSEE	3	13.0	0	0.0	3	6.0
TEXAS	7	9.2	0	0.0	16	22.9
UTAH	0	0.0	0	0.0	0	0.0
VERMONT	0	0.0	0	0.0	1	6.3
VIRGINIA	0	0.0	0	0.0	6	15.4
WASHINGTON	2	6.1	0	0.0	4	16.7
WEST VIRGINIA	1	25.0	0	0.0	1	9.1
WISCONSIN	0	0.0	0	0.0	2	6.5
WYOMING	1	12.5	0	0.0	1	100.0

TABLE C: NUMBER OF ACADEMIC LIBRARIES BY STATE, LEVEL AND CONTROL OF

INSTITUTIONS: 1992

-----Four-Year Institutions-----

TOTAL	MASTERS	BACHELORS
HIGHER	TOTAL	WITH HIGHEST HIGHEST

EDUCATION FOUR-YEAR DOCTORS LEVEL OF LEVEL OF
INSTITUTION INSTITUTION DEGREES DEGREE DEGREE

LIBRARIES	3274	2012	500	817	655	
ALABAMA	72	34	9	15	10	
ALASKA	6	5	1	2	2	
ARIZONA	39	18	5	8	5	
ARKANSAS	34	20	4	9	7	
CALIFORNIA	291	155	45	75	30	
COLORADO	40	26	10	9	7	
CONNECTICUT	42	25	8	13	4	
DELAWARE	9	6	2	1	2	
DISTRICT OF COLUMBIA	17	17	7	8	2	
FLORIDA	98	57	14	17	25	
GEORGIA	85	46	10	22	14	
HAWAII	14	8	2	3	3	
IDAHO	11	7	2	3	2	
ILLINOIS	154	98	30	32	35	
INDIANA	71	51	9	24	18	
IOWA	58	38	6	10	22	
KANSAS	49	27	4	12	11	

KENTUCKY	48	35	7	11	17
LOUISIANA	31	25	10	11	4
MAINE	31	20	2	7	11
MARYLAND	55	35	12	18	5
MASSACHUSETTS	114	84	25	33	23
MICHIGAN	98	61	12	17	30
MINNESOTA	77	44	7	16	18
MISSISSIPPI	42	21	7	7	7
MISSOURI	90	64	15	20	26
MONTANA	19	9	2	4	3
NEBRASKA	34	22	3	10	9
NEVADA	9	4	2	0	2
NEW HAMPSHIRE	28	17	3	7	7
NEW JERSEY	56	32	10	14	8
NEW MEXICO	29	12	3	7	2
NEW YORK	246	169	47	74	42
NORTH CAROLINA	120	54	9	19	26
NORTH DAKOTA	20	10	2	2	6
OHIO	138	87	21	30	34
OKLAHOMA	45	25	6	12	6
OREGON	45	31	8	13	9
PENNSYLVANIA	203	140	25	61	51
RHODE ISLAND	11	10	4	4	2

SOUTH CAROLINA	59	35	7	10	15
SOUTH DAKOTA	18	17	4	9	4
TENNESSEE	74	51	15	21	14
TEXAS	173	97	36	36	23
UTAH	14	7	3	3	1
VERMONT	22	18	2	11	4
VIRGINIA	78	46	12	16	18
WASHINGTON	60	27	5	15	7
WEST VIRGINIA	27	23	1	8	13
WISCONSIN	61	41	4	28	9
WYOMING	9	1	1	0	0

TABLE C: CONTINUED (PART 2)

	LESS THAN FOUR-YEAR	PUBLIC	PRIVATE
LIBRARIES	1262	1515	1759
ALABAMA	38	46	26

ALASKA	1	3	3
ARIZONA	21	21	18
ARKANSAS	14	20	14
CALIFORNIA	136	140	151
COLORADO	14	27	13
CONNECTICUT	17	22	20
DELAWARE	3	5	4
DISTRICT OF COLUMBIA	0	2	15
FLORIDA	41	38	60
GEORGIA	39	45	40
HAWAII	6	9	5
IDAHO	4	6	5
ILLINOIS	56	57	97
INDIANA	20	28	43
IOWA	20	19	39
KANSAS	22	29	20
KENTUCKY	13	9	39
LOUISIANA	6	19	12
MAINE	11	14	17
MARYLAND	20	33	22
MASSACHUSETTS	30	31	83
MICHIGAN	37	45	53
MINNESOTA	33	35	42

MISSISSIPPI	21	25	17
MISSOURI	26	27	63
MONTANA	10	13	6
NEBRASKA	12	18	16
NEVADA	5	6	3
NEW HAMPSHIRE	11	11	17
NEW JERSEY	24	32	24
NEW MEXICO	17	22	7
NEW YORK	77	86	160
NORTH CAROLINA	66	74	46
NORTH DAKOTA	10	15	5
OHIO	51	57	81
OKLAHOMA	20	29	16
OREGON	14	21	24
PENNSYLVANIA	63	60	143
RHODE ISLAND	1	3	8
SOUTH CAROLINA	24	34	25
SOUTH DAKOTA	1	8	10
TENNESSEE	23	24	50
TEXAS	76	103	70
UTAH	7	9	5
VERMONT	4	6	16
VIRGINIA	32	39	39

WASHINGTON	33	36	24
WEST VIRGINIA	4	16	11
WISCONSIN	20	30	31
WYOMING	8	8	1

TABLE 11A: ACADEMIC LIBRARY EXPENDITURES FOR SERIALS
COLLECTIONS AND SALARIES

AND WAGES AS A PERCENTAGE OF TOTAL LIBRARY OPERATING
EXPENDITURES

AND AS A PERCENTAGE OF EDUCATIONAL AND GENERAL E&G
EXPENDITURES,

UNITED STATES, 1992

TOTAL HIGHER	TOTAL	DOCTORATE
EDUCATION	FOUR YEAR	HIGHEST LEVEL
INSTITUTIONS*	INSTITUTIONS	OF DEGREE

Total operating expenditures as
percentage of E&G expenditures

NATIONAL AVERAGE	3.8%	4.4%	3.8%
LOWER QUARTILE	2.0%	2.3%	2.3%
MEDIAN	2.7%	3.0%	3.1%

UPPER QUARTILE	3.7%	4.0%	4.2%
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Expenditures for collections as
a percentage of total operating
expenditures

NATIONAL AVERAGE	29.9%	32.8%	34.8%
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LOWER QUARTILE	21.4%	26.4%	29.4%
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MEDIAN	29.3%	32.6%	34.5%
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UPPER QUARTILE	36.7%	38.6%	40.5%
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Expenditures for current serials
as a percentage of total collection
expenditures

NATIONAL AVERAGE	39.1%	44.6%	55.7%
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LOWER QUARTILE	25.0%	30.7%	43.4%
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MEDIAN	36.3%	43.4%	57.9%
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UPPER QUARTILE	51.2%	57.5%	69.4%
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Salaries and wages as a
percentage of total operating
expenditures

NATIONAL AVERAGE	57.7%	54.0%	49.9%
LOWER QUARTILE	48.6%	46.2%	44.0%
MEDIAN	56.9%	53.0%	49.2%
UPPER QUARTILE	66.8%	60.8%	55.0%

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 11A: CONTINUED (PART 2)

MASTERS	BACHELORS	
HIGHEST LEVEL	HIGHEST LEVEL	LESS THAN
OF DEGREE	OF DEGREE	FOUR YEAR

Total operating expenditures as
percentage of E&G expenditures

NATIONAL AVERAGE	5.5%	3.4%	2.7%
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LOWER QUARTILE	2.4%	2.1%	1.6%
MEDIAN	3.1%	2.9%	2.2%
UPPER QUARTILE	3.9%	3.8%	3.1%

Expenditures for collections as
a percentage of total operating
expenditures

NATIONAL AVERAGE	32.5%	31.6%	24.9%
LOWER QUARTILE	25.9%	25.1%	16.3%
MEDIAN	31.6%	31.3%	22.3%
UPPER QUARTILE	38.2%	37.5%	29.4%

Expenditures for current serials
as a percentage of total collection
expenditures

NATIONAL AVERAGE	43.0%	37.0%	29.2%
LOWER QUARTILE	31.1%	26.0%	19.3%
MEDIAN	42.1%	36.7%	27.3%
UPPER QUARTILE	54.4%	45.9%	35.8%

Salaries and wages as a

percentage of total operating
expenditures

NATIONAL AVERAGE	54.4%	56.8%	64.1%
LOWER QUARTILE	46.9%	48.6%	56.5%
MEDIAN	54.3%	55.6%	65.1%
UPPER QUARTILE	61.5%	64.6%	73.4%

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 11A: CONTINUED (PART 3)

	PUBLIC	PRIVATE
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Total operating expenditures as
percentage of E&G expenditures

NATIONAL AVERAGE	2.8%	4.7%
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LOWER QUARTILE	1.9%	2.1%
MEDIAN	2.6%	2.9%
UPPER QUARTILE	3.5%	4.0%

Expenditures for collections as
a percentage of total operating
expenditures

NATIONAL AVERAGE	27.2%	32.6%
LOWER QUARTILE	19.1%	24.7%
MEDIAN	26.7%	31.7%
UPPER QUARTILE	34.2%	38.6%

Expenditures for current serials
as a percentage of total collection
expenditures

NATIONAL AVERAGE	38.7%	39.4%
LOWER QUARTILE	23.2%	26.5%
MEDIAN	34.6%	37.4%
UPPER QUARTILE	53.8%	49.9%

Salaries and wages as a
percentage of total operating
expenditures

NATIONAL AVERAGE	60.0%	55.3%
LOWER QUARTILE	50.8%	46.7%
MEDIAN	60.0%	54.2%
UPPER QUARTILE	69.1%	63.4%

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 11C: NUMBER OF VOLUMES AND SERIALS HELD BY ACADEMIC
LIBRARIES AND

VOLUMES ADDED BY ACADEMIC LIBRARIES PER FULL TIME
EQUIVALENT

(FTE) STUDENT UNITED STATES : 1992

TOTAL HIGHER	TOTAL	DOCTORATE	MASTERS
EDUCATION	FOUR YEAR	HIGHEST LEVEL	HIGHEST LEVEL
INSTITUTIONS*	INSTITUTIONS	OF DEGREE	OF DEGREE

Volumes held per

FTE student

NATIONAL AVERAGE	116.6	167.1	226.6	150.0
LOWER QUARTILE	21.9	56.5	66.0	51.3
MEDIAN	57.9	90.9	101.3	77.9
UPPER QUARTILE	114.7	157.9	192.8	129.0

Volumes added per

FTE student

NATIONAL AVERAGE	4.1	5.7	7.0	5.9
LOWER QUARTILE	0.7	1.4	1.7	1.2
MEDIAN	1.5	2.3	2.9	1.9
UPPER QUARTILE	3.2	4.3	5.6	3.6

* Institutions with accreditation at the higher education level recognized

by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 11C: CONTINUED (PART 2)

BACHELORS
 HIGHEST LEVEL LESS THAN
 OF DEGREE FOUR YEAR PUBLIC PRIVATE

Volumes held per

FTE student

NATIONAL AVERAGE	144.8	29.4	44.2	187.0
LOWER QUARTILE	52.9	11.6	16.0	51.9
MEDIAN	102.8	18.4	30.2	101.7
UPPER QUARTILE	165.2	30.1	59.3	179.7

Volumes added per

FTE student

NATIONAL AVERAGE	4.4	1.3	1.4	6.7
LOWER QUARTILE	1.3	0.3	0.4	1.4
MEDIAN	2.4	0.6	0.9	2.6
UPPER QUARTILE	4.3	1.1	1.7	5.2

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 11B: TOTAL OPERATING EXPENDITURES FOR ACADEMIC LIBRARIES
AND COLLECTION

EXPENDITURES PER FULL TIME EQUIVALENT (FTE) STUDENT,
UNITED STATES: 1992

TOTAL HIGHER EDUCATION INSTITUTIONS*	TOTAL FOUR YEAR INSTITUTIONS	DOCTORATE HIGHEST LEVEL OF DEGREE
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Total operating expenditures per
FTE student

NATIONAL AVERAGE	\$485.52	\$659.63	\$902.90
LOWER QUARTILE	\$151.06	\$246.99	\$339.09
MEDIAN	\$263.20	\$354.08	\$519.22
UPPER QUARTILE	\$427.16	\$580.18	\$936.66

Expenditures for collections

per FTE student

NATIONAL AVERAGE	\$152.25	\$213.26	\$295.87
LOWER QUARTILE	\$35.73	\$72.42	\$114.89
MEDIAN	\$74.78	\$112.03	\$182.59
UPPER QUARTILE	\$137.77	\$197.59	\$312.19

Expenditures for current serials

per FTE student

NATIONAL AVERAGE	\$69.14	\$100.09	\$166.25
LOWER QUARTILE	\$9.45	\$27.32	\$62.61
MEDIAN	\$27.40	\$47.61	\$100.97
UPPER QUARTILE	\$61.27	\$93.97	\$160.49

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 11B: CONTINUED (PART 2)

	MASTERS	BACHELORS	
	HIGHEST LEVEL	HIGHEST LEVEL	LESS THAN
	OF DEGREE	OF DEGREE	FOUR YEAR

Total operating expenditures per

FTE student

NATIONAL AVERAGE	\$659.36	\$431.84	\$184.69
LOWER QUARTILE	\$231.98	\$222.18	\$97.79
MEDIAN	\$311.45	\$320.65	\$139.18
UPPER QUARTILE	\$433.63	\$480.41	\$201.95

Expenditures for collections

per FTE student

NATIONAL AVERAGE	\$207.37	\$140.58	\$46.77
LOWER QUARTILE	\$67.67	\$58.88	\$19.06
MEDIAN	\$95.62	\$98.53	\$30.49
UPPER QUARTILE	\$144.19	\$152.15	\$47.95

Expenditures for current serials

per FTE student

NATIONAL AVERAGE	\$83.51	\$56.50	\$14.44
LOWER QUARTILE	\$27.00	\$18.15	\$4.80
MEDIAN	\$42.17	\$32.70	\$7.78
UPPER QUARTILE	\$64.28	\$57.37	\$12.85

* Institutions with accreditation at the higher education level recognized

by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 11B: CONTINUED (PART 3)

	PUBLIC	PRIVATE
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Total operating expenditures per

FTE student

NATIONAL AVERAGE	\$264.45	\$700.43
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LOWER QUARTILE	\$123.43	\$233.92
MEDIAN	\$191.76	\$357.83
UPPER QUARTILE	\$290.36	\$607.35

Expenditures for collections

per FTE student

NATIONAL AVERAGE	\$80.92	\$222.05
LOWER QUARTILE	\$25.24	\$61.30
MEDIAN	\$47.03	\$108.53
UPPER QUARTILE	\$90.28	\$203.40

Expenditures for current serials

per FTE student

NATIONAL AVERAGE	\$39.43	\$98.86
LOWER QUARTILE	\$6.43	\$19.81
MEDIAN	\$13.46	\$39.44
UPPER QUARTILE	\$42.19	\$81.90

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 11D: ACADEMIC LIBRARY CIRCULATION PER FULL TIME EQUIVALENT (FTE)

STUDENT, UNITED STATES : 1992

TOTAL HIGHER EDUCATION INSTITUTIONS*	TOTAL FOUR YEAR INSTITUTIONS	DOCTORATE HIGHEST LEVEL OF DEGREE	MASTERS HIGHEST LEVEL OF DEGREE	
Circulation per FTE student				
NATIONAL AVERAGE	22.7	29.6	39.9	26.2
LOWER QUARTILE	6.6	10.1	13.5	9.5
MEDIAN	12.7	17.0	22.3	15.1
UPPER QUARTILE	22.9	30.4	44.8	25.4

* Institutions with accreditation at the higher education level recognized by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 11D: CONTINUED (PART 2)

BACHELORS				
HIGHEST LEVEL	LESS THAN			
OF DEGREE	FOUR YEAR	PUBLIC	PRIVATE	
Circulation per				
FTE student				
NATIONAL AVERAGE	26.0	10.8	14.0	31.2
LOWER QUARTILE	9.2	4.2	5.9	8.2
MEDIAN	16.7	7.2	10.1	16.3
UPPER QUARTILE	29.1	12.2	17.0	33.1

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 11A: NUMBER OF INDIVIDUALS SERVED PER TYPICAL WEEK BY
TYPE OF LIBRARY

SERVICE IN ACADEMIC LIBRARIES BY STATE: 1992

ALL HIGHER EDUCATION INSTITUTIONS *

INFORMATION SERVICE TO GROUPS

STATE SERVED	LIBRARIES	TOTAL		NUMBER	
		NUMBER OF PERSONS	ATTENDANCE	REFERENCE	NUMBER OF PRESENTATIONS

TOTAL 50 STATES	3,274	67,075,192	9,042,522	298,049	5,504,148
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AND DC

Alabama	72	1,755,692	73,570	5,002	104,587
Alaska	6	42,199	3,072	466	5,717
Arizona	39	1,016,787	454,579	4,658	100,255
Arkansas	34	1,471,289	213,527	2,397	46,920
California	291	11,992,837	1,964,142	28,743	574,276
Colorado	40	313,846	25,478	4,558	84,605
Connecticut	42	303,659	27,857	581	9,643
Delaware	9	279,743	8,958	943	17,375

Distr. of Columbia	17	263,333	184,655	2,956	47,601
Florida	98	2,134,915	428,406	9,806	207,126
Georgia	85	1,345,346	62,653	7,028	128,350
Hawaii	14	151,869	8,647	1,367	21,667
Idaho	11	104,593	8,990	982	16,918
Illinois	154	2,290,304	225,805	14,234	241,167
Indiana	71	1,442,318	329,783	6,595	120,604
Iowa	58	841,882	131,035	4,849	85,532
Kansas	49	1,002,302	173,093	4,010	95,012
Kentucky	48	688,350	43,769	4,732	97,005
Louisiana	31	360,268	75,394	4,754	73,470
Maine	31	114,572	10,509	1,157	22,046
Maryland	55	1,715,488	125,062	4,848	89,063
Massachusetts	114	1,217,978	85,193	9,098	143,077
Michigan	98	762,539	133,903	10,609	206,775
Minnesota	77	824,589	413,143	5,823	114,315
Mississippi	42	764,103	67,889	2,713	65,032
Missouri	90	931,556	263,297	9,939	125,368
Montana	19	598,476	72,858	1,048	20,009
Nebraska	34	180,608	16,677	2,680	49,303
Nevada	9	62,011	10,072	1,306	26,125
New Hampshire	28	368,528	20,412	1,443	23,199
New Jersey	56	1,926,540	299,622	6,763	121,713

New Mexico	29	641,727	192,021	2,837	44,249
New York	246	1,638,447	170,442	22,253	358,673
North Carolina	120	1,386,451	375,352	10,376	166,771
North Dakota	20	93,273	38,052	895	17,975
Ohio	138	3,561,498	370,144	11,239	226,949
Oklahoma	45	1,001,620	114,999	4,789	103,164
Oregon	45	361,325	27,165	4,189	72,796
Pennsylvania	203	5,163,513	267,942	16,485	291,253
Rhode Island	11	523,581	34,561	912	16,348
South Carolina	59	1,019,259	65,137	5,186	90,186
South Dakota	18	100,604	8,478	1,188	25,114
Tennessee	74	1,862,174	252,128	6,402	143,425
Texas	173	6,040,193	547,037	18,681	387,044
Utah	14	169,321	47,462	2,784	52,875
Vermont	22	304,685	10,146	1,129	17,842
Virginia	78	994,949	200,214	6,171	123,556
Washington	60	1,989,710	84,791	7,495	115,699
West Virginia	27	620,442	53,827	1,600	37,487
Wisconsin	61	2,272,279	215,159	6,882	119,838
Wyoming	9	61,621	5,415	468	9,049

* Institutions with accreditation at the higher education level recognized

by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 11B: NUMBER OF INDIVIDUALS SERVED PER TYPICAL WEEK BY TYPE OF LIBRARY

SERVICE IN ACADEMIC LIBRARIES BY LEVEL AND CONTROL OF INSTITUTION:

1992

INFORMATION SERVICE TO GROUPS					
	TOTAL	NUMBER OF			
LEVEL AND CONTROL	NUMBER OF	ATTENDANCE	REFERENCE		
NUMBER OF PERSONS					
OF INSTITUTION	LIBRARIES	IN LIBRARY	TRANSACTIONS		
PRESENTATIONS	SERVED				
All Higher Education	3,274	67,075,192	9,042,522	298,049	5,504,148
Institutions*					
Total 4-yr and Above	2,012	48,933,011	7,473,123	206,948	3,567,805
Doctorate	500	25,220,459	5,622,357	109,320	1,770,642
Masters	817	17,529,267	1,333,409	66,115	1,324,402
Baccalaureate	655	5,766,644	412,975	29,422	445,212

less Than Four Year 1,262 18,142,181 1,569,399 91,101 1,936,343

Total Public 1,515 45,160,625 7,131,655 197,340 3,909,070

Total Private 1,759 21,914,567 1,910,867 100,709 1,595,078

* Institutions with accreditation at the higher education level recognized

by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE A: NUMBER OF ACADEMIC LIBRARIES RESPONDING WITH A POSITIVE VALUE BY

ITEM AND BY LEVEL AND CONTROL OF INSTITUTION: 1992

--4 Year Institutions--

TOTAL	MASTERS			
HIGHER EDUCATION INSTITUTIONS	TOTAL	4-YEAR	WITH HIGHEST	DOCTORS LEVEL OF
	INSTIT.	INSTIT.	DEGREE	DEGREE

ALL INSTITUTIONS	3,274	2,012	500	817
NON-RESPONDING LIBRARIES		283	121	31 39
RESPONDING LIBRARIES	2,991	1,891	469	778

Part B - Library Staff

LIBRARIANS/PROFESSIONAL STAFF	2,938	1,865	469	767
ALL OTHER PAID STAFF	2,759	1,772	461	743
CONTRIBUTED SERVICES STAFF	239	176	31	88
STUDENT ASSISTANTS/ALL FUNDING	2,788	1,798	444	746

Part C - Library Operating Expenditures

LIBRARIANS/PROFESSIONAL STAFF	2,900	1,843	466	759
ALL OTHER PAID STAFF	2,606	1,664	444	705
STUDENT ASSISTANTS	2,609	1,710	433	719
PRINT MATERIALS(COLLECTIONS)	2,956	1,870	466	770
CURRENT SERIAL SUBSCRIPTIONS	2,881	1,835	457	759
MICROFORMS(w/o serial subs)	2,155	1,353	319	608
AUDIOVISUAL MATERIALS	2,204	1,332	312	569
MACHINE READABLE MATERIALS	1,779	1,149	299	519
OTHER	1,181	784	217	317
PRESERVATION	1,842	1,378	397	577
FURNITURE & EQUIPMENT	2,380	1,549	398	650
ALL OTHER OPERATING EXPEND.	2,721	1,775	453	736

Part D - Library Collections

BOOKS/SERIALS CATALOGED VOLS. ADDED	2,981	1,885	469	776
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BOOKS/SERIALS CATALOGED VOLS. EOFY	2,990	1,890	469	778
BOOKS/SERIALS CATALOGED TITLES ADDED	2,963	1,874	465	769
BOOKS/SERIALS CATALOGED TITLES EOFY	2,974	1,881	466	774
GOVT. DOCUMENTS NO. OF UNITS ADDED	1,651	1,153	324	510
GOVT. DOCUMENTS NO. OF UNITS EOFY	1,730	1,206	329	529
GOVT. DOCUMENTS NO. OF TITLES ADDED	1,666	1,166	328	505
GOVT. DOCUMENTS NO. OF TITLES EOFY	1,747	1,211	331	527
CURRENT SERIALS PAID/UNPAID ADDED	2,549	1,614	428	656
CURRENT SERIALS PAID/UNPAID EOFY	2,981	1,882	469	775
CURRENT SERIALS NO. OF TITLES ADDED	2,507	1,622	417	664
CURRENT SERIALS NO. OF TITLES EOFY	2,911	1,857	460	760
MICROFORMS NO. OF UNITS ADDED	2,679	1,722	442	721
MICROFORMS NO. OF UNITS EOFY	2,807	1,804	459	746
MICROFORMS NO. OF TITLES ADDED	2,405	1,594	421	678
MICROFORMS NO. OF TITLES EOFY	2,784	1,785	452	741
MANUSCRIPTS/ARCHIVES (FEET) ADDED	1,762	1,270	365	530
MANUSCRIPTS/ARCHIVES (FEET) EOFY	2,150	1,521	422	626
CARTOGRAPHIC MATERIALS (UNITS) ADDED	1,604	1,095	321	445
CARTOGRAPHIC MATERIALS (UNITS) EOFY	2,152	1,382	369	585
GRAPHIC MATERIALS (NO. UNITS) ADDED	1,642	1,085	307	437
GRAPHIC MATERIALS (NO. UNITS) EOFY	2,244	1,432	366	597
AUDIO MATERIALS (NO. UNITS) ADDED	2,388	1,575	410	642
AUDIO MATERIALS (NO. UNITS) EOFY	2,793	1,775	444	721

AUDIO MATERIALS (NO. TITLES) ADDED	2,391	1,575	412	649
AUDIO MATERIALS (NO. TITLES) EOFY	2,787	1,770	448	715
FILM/VIDEO MATERIALS UNITS ADDED	2,680	1,692	414	689
FILM/VIDEO MATERIALS UNITS EOFY	2,809	1,769	436	722
FILM/VIDEO MATERIALS TITLES ADDED	2,692	1,701	422	692
FILM/VIDEO MATERIALS TITLES EOFY	2,806	1,772	444	717
MACHINE-READABLE NO. OF UNITS ADDED	2,355	1,540	410	652
MACHINE-READABLE NO. OF UNITS EOFY	2,516	1,620	420	686
MACHINE READABLE NO. OF TITLES ADDED	2,356	1,534	411	648
MACHINE READABLE NO. OF TITLES EOFY	2,516	1,620	425	683
OTHER LIBRARY MATERIALS ADDED	1,587	1,087	282	465
OTHER LIBRARY MATERIALS EOFY	1,921	1,266	323	537

Part E - Library Loan Transactions

CIRCULATION TRANS. GENERAL	2,991	1,891	469	778
CIRCULATION TRANS. RESERVE	2,893	1,844	460	760
INTER-LOANS PROVIDED TO	2,712	1,769	466	737
INTER-LOANS RECEIVED FROM	2,842	1,832	467	756
INFO SERV. NO. OF PRESENTATION	2,892	1,830	458	757
INFO SERV. NO. OF PERSONS	2,879	1,818	453	756

Part F - Library Service per Typical Week

PUBLIC SERVICE HOURS PER WEEK	2,964	1,871	459	770
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GATE COUNT	2,948	1,856	459	770	
REFERENCE TRANS. PER WEEK		2,959	1,871	464	773

Note: EOFY = held at End Of Fiscal Year

TABLE A: CONTINUED (PART 2)

--4 Year Institutions--					
BACHELORS	LESS				
HIGHEST	THAN				
LEVEL OF	FOUR				
DEGREE	YEAR	PUBLIC	PRIVATE		
ALL INSTITUTIONS	655	1,262	1,515	1,759	
NON-RESPONDING LIBRARIES		49	162	42	241
RESPONDING LIBRARIES		606	1,100	1,473	1,518
Part B - Library Staff					
LIBRARIANS/PROFESSIONAL STAFF		591	1,073	1,465	1,473
ALL OTHER PAID STAFF		532	987	1,450	1,309

CONTRIBUTED SERVICES STAFF	53	63	60	179
STUDENT ASSISTANTS/ALL FUNDING	574	990	1,406	1,382

Part C - Library Operating Expenditures

LIBRARIANS/PROFESSIONAL STAFF	580	1,057	1,448	1,452
ALL OTHER PAID STAFF	483	942	1,394	1,212
STUDENT ASSISTANTS	526	899	1,304	1,305
PRINT MATERIALS(COLLECTIONS)	596	1,086	1,466	1,490
CURRENT SERIAL SUBSCRIPTIONS	582	1,046	1,440	1,441
MICROFORMS(w/o serial subs)	401	802	1,165	990
AUDIOVISUAL MATERIALS	415	872	1,134	1,070
MACHINE READABLE MATERIALS	307	630	978	801
OTHER	231	397	628	553
PRESERVATION	374	464	868	974
FURNITURE & EQUIPMENT	468	831	1,212	1,168
ALL OTHER OPERATING EXPEND.	552	946	1,369	1,352

Part D - Library Collections

BOOKS/SERIALS CATALOGED VOLS. ADDED	602	1,096	1,469	1,512
BOOKS/SERIALS CATALOGED VOLS. EOFY	605	1,100	1,473	1,517
BOOKS/SERIALS CATALOGED TITLES ADDED	603	1,089	1,461	1,502
BOOKS/SERIALS CATALOGED TITLES EOFY	604	1,093	1,463	1,511
GOVT. DOCUMENTS NO. OF UNITS ADDED	299	498	859	792

GOVT. DOCUMENTS NO. OF UNITS EOFY	327	524	906	824
GOVT. DOCUMENTS NO. OF TITLES ADDED	314	500	872	794
GOVT. DOCUMENTS NO. OF TITLES EOFY	331	536	911	836
CURRENT SERIALS PAID/UNPAID ADDED	496	935	1,246	1,303
CURRENT SERIALS PAID/UNPAID EOFY	601	1,099	1,472	1,509
CURRENT SERIALS NO. OF TITLES ADDED	505	885	1,211	1,296
CURRENT SERIALS NO. OF TITLES EOFY	599	1,054	1,421	1,490
MICROFORMS NO. OF UNITS ADDED	528	957	1,402	1,277
MICROFORMS NO. OF UNITS EOFY	565	1,003	1,438	1,369
MICROFORMS NO. OF TITLES ADDED	468	811	1,238	1,167
MICROFORMS NO. OF TITLES EOFY	559	999	1,423	1,361
MANUSCRIPTS/ARCHIVES (FEET) ADDED	357	492	842	920
MANUSCRIPTS/ARCHIVES (FEET) EOFY	453	629	1,024	1,126
CARTOGRAPHIC MATERIALS (UNITS) ADDED	319	509	824	780
CARTOGRAPHIC MATERIALS (UNITS) EOFY	412	770	1,147	1,005
GRAPHIC MATERIALS (NO. UNITS) ADDED	322	557	845	797
GRAPHIC MATERIALS (NO. UNITS) EOFY	449	812	1,167	1,077
AUDIO MATERIALS (NO. UNITS) ADDED	488	813	1,172	1,216
AUDIO MATERIALS (NO. UNITS) EOFY	572	1,018	1,396	1,397
AUDIO MATERIALS (NO. TITLES) ADDED	479	816	1,176	1,215
AUDIO MATERIALS (NO. TITLES) EOFY	569	1,017	1,386	1,401
FILM/VIDEO MATERIALS UNITS ADDED	553	988	1,323	1,357
FILM/VIDEO MATERIALS UNITS EOFY	575	1,040	1,388	1,421

FILM/VIDEO MATERIALS TITLES ADDED	552	991	1,329	1,363
FILM/VIDEO MATERIALS TITLES EOFY	575	1,034	1,387	1,419
MACHINE-READABLE NO. OF UNITS ADDED	449	815	1,230	1,125
MACHINE-READABLE NO. OF UNITS EOFY	483	896	1,309	1,207
MACHINE READABLE NO. OF TITLES ADDED	446	822	1,233	1,123
MACHINE READABLE NO. OF TITLES EOFY	482	896	1,310	1,206
OTHER LIBRARY MATERIALS ADDED	323	500	775	812
OTHER LIBRARY MATERIALS EOFY	385	655	989	932

Part E - Library Loan Transactions

CIRCULATION TRANS. GENERAL	606	1,100	1,473	1,518
CIRCULATION TRANS. RESERVE	589	1,049	1,450	1,443
INTER-LOANS PROVIDED TO	530	943	1,402	1,310
INTER-LOANS RECEIVED FROM	572	1,010	1,447	1,395
INFO SERV. NO. OF PRESENTATION	579	1,062	1,458	1,434
INFO SERV. NO. OF PERSONS	574	1,061	1,453	1,426

Part F - Library Service per Typical Week

PUBLIC SERVICE HOURS PER WEEK	604	1,093	1,461	1,503
GATE COUNT	591	1,092	1,461	1,487
REFERENCE TRANS. PER WEEK	597	1,088	1,469	1,490

Note: EOFY = held at End Of Fiscal Year

TABLE B: NUMBER AND PERCENT OF NON-RESPONDING ACADEMIC LIBRARIES BY STATE,

LEVEL AND CONTROL OF INSTITUTION: 1992

STATE	Four-Year Institutions									
	TOTAL		MASTERS		BACHELORS					
	HIGHER	TOTAL	WITH	HIGHEST	HIGHEST					
	EDUCATION	4-YR	DOCTORS	LEVEL OF	LEVEL OF	DEGREE	DEGREE	DEGREE		
LIBRARIES WITH ALL ITEMS IMPUTED	283	8.6%	121	6.0%	31	6.2%	39	4.8%	49	7.5%
ALABAMA	7	9.7	2	5.9	2	22.2	0	0.0	0	0.0
ALASKA	1	16.7	0	0.0	0	0.0	0	0.0	0	0.0
ARIZONA	8	20.5	6	33.3	2	40.0	3	37.5	1	20.0
ARKANSAS	5	14.7	2	10.0	1	25.0	1	11.1	0	0.0
CALIFORNIA	59	20.3	27	17.4	9	20.0	8	10.7	10	33.3
COLORADO	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
CONNECTICUT	4	9.5	4	16.0	1	12.5	3	23.1	0	0.0
DELAWARE	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0

DISTRICT OF COLUMBIA	1 5.9	1 5.9	0 0.0	1 12.5	0 0.0
FLORIDA	18 18.4	10 17.5	1 7.1	4 23.5	5 20.0
GEORGIA	3 3.5	0 0.0	0 0.0	0 0.0	0 0.0
HAWAII	1 7.1	1 12.5	1 50.0	0 0.0	0 0.0
IDAHO	1 9.1	0 0.0	0 0.0	0 0.0	0 0.0
ILLINOIS	10 6.5	7 7.1	3 10.0	3 9.4	1 2.9
INDIANA	10 14.1	1 2.0	0 0.0	0 0.0	1 5.6
IOWA	3 5.2	1 2.6	0 0.0	0 0.0	1 4.5
KANSAS	3 6.1	3 11.1	1 25.0	2 16.7	0 0.0
KENTUCKY	9 18.8	0 0.0	0 0.0	0 0.0	0 0.0
LOUISIANA	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0
MAINE	1 3.2	0 0.0	0 0.0	0 0.0	0 0.0
MARYLAND	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0
MASSACHUSETTS	7 6.1	4 4.8	0 0.0	2 6.1	2 8.7
MICHIGAN	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0
MINNESOTA	12 15.6	5 11.4	1 14.3	3 18.8	1 5.6
MISSISSIPPI	2 4.8	1 4.8	0 0.0	0 0.0	1 14.3
MISSOURI	11 12.2	5 7.8	2 13.3	1 5.0	1 3.8
MONTANA	3 15.8	1 11.1	0 0.0	1 25.0	0 0.0
NEBRASKA	0 0.0	0 0.0	0 0.0	0 0.0	0 0.0
NEVADA	2 22.2	1 25.0	0 0.0	0 0.0	1 50.0
NEW HAMPSHIRE	2 7.1	2 11.8	0 0.0	0 0.0	2 28.6
NEW JERSEY	1 1.8	0 0.0	0 0.0	0 0.0	0 0.0

NEW MEXICO	3	10.3	2	16.7	0	0.0	1	14.3	1	50.0
NEW YORK	2	0.8	0	0.0	0	0.0	0	0.0	0	0.0
NORTH CAROLINA	1	0.8	0	0.0	0	0.0	0	0.0	0	0.0
NORTH DAKOTA	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
OHIO	16	11.6	5	5.7	3	14.3	0	0.0	2	5.9
OKLAHOMA	3	6.7	0	0.0	0	0.0	0	0.0	0	0.0
OREGON	1	2.2	0	0.0	0	0.0	0	0.0	0	0.0
PENNSYLVANIA	33	16.3	5	3.6	0	0.0	1	1.6	4	7.8
RHODE ISLAND	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
SOUTH CAROLINA	2	3.4	2	5.7	0	0.0	0	0.0	1	6.7
SOUTH DAKOTA	4	22.2	3	17.6	0	0.0	1	11.1	2	50.0
TENNESSEE	3	4.1	0	0.0	0	0.0	0	0.0	0	0.0
TEXAS	16	9.2	9	9.3	1	2.8	2	5.6	6	26.1
UTAH	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0
VERMONT	1	4.5	1	5.6	0	0.0	0	0.0	1	25.0
VIRGINIA	6	7.7	6	13.0	2	16.7	0	0.0	4	22.2
WASHINGTON	4	6.7	2	7.4	1	20.0	0	0.0	1	14.3
WEST VIRGINIA	1	3.7	0	0.0	0	0.0	0	0.0	0	0.0
WISCONSIN	2	3.3	2	4.9	0	0.0	2	7.1	0	0.0
WYOMING	1	11.1	0	0.0	0	0.0	0	0.0	0	0.0

TABLE B: CONTINUED (PART 2)

LESS THAN

STATE FOUR-YEAR PUBLIC PRIVATE

LIBRARIES WITH ALL 162 12.8% 42 2.8% 241 13.7%

ITEMS IMPUTED

ALABAMA	5 13.2	1 2.2	6 23.1
ALASKA	1 100.0	0 0.0	1 33.3
ARIZONA	2 9.5	2 9.5	6 33.3
ARKANSAS	3 21.4	3 15.0	2 14.3
CALIFORNIA	32 23.5	12 8.6	47 31.1
COLORADO	0 0.0	0 0.0	0 0.0
CONNECTICUT	0 0.0	1 4.5	3 15.0
DELAWARE	0 0.0	0 0.0	0 0.0
DISTRICT OF COLUMBIA	0 0.0	0 0.0	1 6.7
FLORIDA	8 19.5	0 0.0	18 30.0
GEORGIA	3 7.7	0 0.0	3 7.5
HAWAII	0 0.0	0 0.0	1 20.0
IDAHO	1 25.0	0 0.0	1 20.0

ILLINOIS	3	5.4	0	0.0	10	10.3
INDIANA	9	45.0	7	25.0	3	7.0
IOWA	2	10.0	1	5.3	2	5.1
KANSAS	0	0.0	2	6.9	1	5.0
KENTUCKY	9	69.2	0	0.0	9	23.1
LOUISIANA	0	0.0	0	0.0	0	0.0
MAINE	1	9.1	0	0.0	1	5.9
MARYLAND	0	0.0	0	0.0	0	0.0
MASSACHUSETTS	3	10.0	0	0.0	7	8.4
MICHIGAN	0	0.0	0	0.0	0	0.0
MINNESOTA	7	21.2	3	8.6	9	21.4
MISSISSIPPI	1	4.8	0	0.0	2	11.8
MISSOURI	6	23.1	0	0.0	11	17.5
MONTANA	2	20.0	2	15.4	1	16.7
NEBRASKA	0	0.0	0	0.0	0	0.0
NEVADA	1	20.0	0	0.0	2	66.7
NEW HAMPSHIRE	0	0.0	0	0.0	2	11.8
NEW JERSEY	1	4.2	0	0.0	1	4.2
NEW MEXICO	1	5.9	0	0.0	3	42.9
NEW YORK	2	2.6	1	1.2	1	0.6
NORTH CAROLINA	1	1.5	0	0.0	1	2.2
NORTH DAKOTA	0	0.0	0	0.0	0	0.0
OHIO	11	21.6	3	5.3	13	16.0

OKLAHOMA	3	15.0	0	0.0	3	18.8
OREGON	1	7.1	0	0.0	1	4.2
PENNSYLVANIA	28	44.4	1	1.7	32	22.4
RHODE ISLAND	0	0.0	0	0.0	0	0.0
SOUTH CAROLINA	0	0.0	1	2.9	1	4.0
SOUTH DAKOTA	1	100.0	2	25.0	2	20.0
TENNESSEE	3	13.0	0	0.0	3	6.0
TEXAS	7	9.2	0	0.0	16	22.9
UTAH	0	0.0	0	0.0	0	0.0
VERMONT	0	0.0	0	0.0	1	6.3
VIRGINIA	0	0.0	0	0.0	6	15.4
WASHINGTON	2	6.1	0	0.0	4	16.7
WEST VIRGINIA	1	25.0	0	0.0	1	9.1
WISCONSIN	0	0.0	0	0.0	2	6.5
WYOMING	1	12.5	0	0.0	1	100.0

TABLE C: NUMBER OF ACADEMIC LIBRARIES BY STATE, LEVEL AND CONTROL OF

INSTITUTIONS: 1992

-----Four-Year Institutions-----

TOTAL	MASTERS	BACHELORS
HIGHER	TOTAL	WITH HIGHEST HIGHEST

EDUCATION FOUR-YEAR DOCTORS LEVEL OF LEVEL OF
INSTITUTION INSTITUTION DEGREES DEGREE DEGREE

LIBRARIES	3274	2012	500	817	655	
ALABAMA	72	34	9	15	10	
ALASKA	6	5	1	2	2	
ARIZONA	39	18	5	8	5	
ARKANSAS	34	20	4	9	7	
CALIFORNIA	291	155	45	75	30	
COLORADO	40	26	10	9	7	
CONNECTICUT	42	25	8	13	4	
DELAWARE	9	6	2	1	2	
DISTRICT OF COLUMBIA	17	17	7	8	2	
FLORIDA	98	57	14	17	25	
GEORGIA	85	46	10	22	14	
HAWAII	14	8	2	3	3	
IDAHO	11	7	2	3	2	
ILLINOIS	154	98	30	32	35	
INDIANA	71	51	9	24	18	
IOWA	58	38	6	10	22	
KANSAS	49	27	4	12	11	

KENTUCKY	48	35	7	11	17
LOUISIANA	31	25	10	11	4
MAINE	31	20	2	7	11
MARYLAND	55	35	12	18	5
MASSACHUSETTS	114	84	25	33	23
MICHIGAN	98	61	12	17	30
MINNESOTA	77	44	7	16	18
MISSISSIPPI	42	21	7	7	7
MISSOURI	90	64	15	20	26
MONTANA	19	9	2	4	3
NEBRASKA	34	22	3	10	9
NEVADA	9	4	2	0	2
NEW HAMPSHIRE	28	17	3	7	7
NEW JERSEY	56	32	10	14	8
NEW MEXICO	29	12	3	7	2
NEW YORK	246	169	47	74	42
NORTH CAROLINA	120	54	9	19	26
NORTH DAKOTA	20	10	2	2	6
OHIO	138	87	21	30	34
OKLAHOMA	45	25	6	12	6
OREGON	45	31	8	13	9
PENNSYLVANIA	203	140	25	61	51
RHODE ISLAND	11	10	4	4	2

SOUTH CAROLINA	59	35	7	10	15
SOUTH DAKOTA	18	17	4	9	4
TENNESSEE	74	51	15	21	14
TEXAS	173	97	36	36	23
UTAH	14	7	3	3	1
VERMONT	22	18	2	11	4
VIRGINIA	78	46	12	16	18
WASHINGTON	60	27	5	15	7
WEST VIRGINIA	27	23	1	8	13
WISCONSIN	61	41	4	28	9
WYOMING	9	1	1	0	0

TABLE C: CONTINUED (PART 2)

	LESS THAN FOUR-YEAR	PUBLIC	PRIVATE
LIBRARIES	1262	1515	1759
ALABAMA	38	46	26

ALASKA	1	3	3
ARIZONA	21	21	18
ARKANSAS	14	20	14
CALIFORNIA	136	140	151
COLORADO	14	27	13
CONNECTICUT	17	22	20
DELAWARE	3	5	4
DISTRICT OF COLUMBIA	0	2	15
FLORIDA	41	38	60
GEORGIA	39	45	40
HAWAII	6	9	5
IDAHO	4	6	5
ILLINOIS	56	57	97
INDIANA	20	28	43
IOWA	20	19	39
KANSAS	22	29	20
KENTUCKY	13	9	39
LOUISIANA	6	19	12
MAINE	11	14	17
MARYLAND	20	33	22
MASSACHUSETTS	30	31	83
MICHIGAN	37	45	53
MINNESOTA	33	35	42

MISSISSIPPI	21	25	17
MISSOURI	26	27	63
MONTANA	10	13	6
NEBRASKA	12	18	16
NEVADA	5	6	3
NEW HAMPSHIRE	11	11	17
NEW JERSEY	24	32	24
NEW MEXICO	17	22	7
NEW YORK	77	86	160
NORTH CAROLINA	66	74	46
NORTH DAKOTA	10	15	5
OHIO	51	57	81
OKLAHOMA	20	29	16
OREGON	14	21	24
PENNSYLVANIA	63	60	143
RHODE ISLAND	1	3	8
SOUTH CAROLINA	24	34	25
SOUTH DAKOTA	1	8	10
TENNESSEE	23	24	50
TEXAS	76	103	70
UTAH	7	9	5
VERMONT	4	6	16
VIRGINIA	32	39	39

WASHINGTON	33	36	24
WEST VIRGINIA	4	16	11
WISCONSIN	20	30	31
WYOMING	8	8	1

TABLE 11A: ACADEMIC LIBRARY EXPENDITURES FOR SERIALS
COLLECTIONS AND SALARIES

AND WAGES AS A PERCENTAGE OF TOTAL LIBRARY OPERATING
EXPENDITURES

AND AS A PERCENTAGE OF EDUCATIONAL AND GENERAL E&G
EXPENDITURES,

UNITED STATES, 1992

	TOTAL HIGHER EDUCATION INSTITUTIONS*	TOTAL FOUR YEAR INSTITUTIONS	DOCTORATE HIGHEST LEVEL OF DEGREE
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Total operating expenditures as
percentage of E&G expenditures

NATIONAL AVERAGE	3.8%	4.4%	3.8%
LOWER QUARTILE	2.0%	2.3%	2.3%
MEDIAN	2.7%	3.0%	3.1%

UPPER QUARTILE	3.7%	4.0%	4.2%
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Expenditures for collections as
a percentage of total operating
expenditures

NATIONAL AVERAGE	29.9%	32.8%	34.8%
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LOWER QUARTILE	21.4%	26.4%	29.4%
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MEDIAN	29.3%	32.6%	34.5%
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UPPER QUARTILE	36.7%	38.6%	40.5%
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Expenditures for current serials
as a percentage of total collection
expenditures

NATIONAL AVERAGE	39.1%	44.6%	55.7%
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LOWER QUARTILE	25.0%	30.7%	43.4%
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MEDIAN	36.3%	43.4%	57.9%
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UPPER QUARTILE	51.2%	57.5%	69.4%
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Salaries and wages as a
percentage of total operating
expenditures

NATIONAL AVERAGE	57.7%	54.0%	49.9%
LOWER QUARTILE	48.6%	46.2%	44.0%
MEDIAN	56.9%	53.0%	49.2%
UPPER QUARTILE	66.8%	60.8%	55.0%

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 11A: CONTINUED (PART 2)

MASTERS	BACHELORS	
HIGHEST LEVEL	HIGHEST LEVEL	LESS THAN
OF DEGREE	OF DEGREE	FOUR YEAR

Total operating expenditures as
percentage of E&G expenditures

NATIONAL AVERAGE	5.5%	3.4%	2.7%
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LOWER QUARTILE	2.4%	2.1%	1.6%
MEDIAN	3.1%	2.9%	2.2%
UPPER QUARTILE	3.9%	3.8%	3.1%

Expenditures for collections as
a percentage of total operating
expenditures

NATIONAL AVERAGE	32.5%	31.6%	24.9%
LOWER QUARTILE	25.9%	25.1%	16.3%
MEDIAN	31.6%	31.3%	22.3%
UPPER QUARTILE	38.2%	37.5%	29.4%

Expenditures for current serials
as a percentage of total collection
expenditures

NATIONAL AVERAGE	43.0%	37.0%	29.2%
LOWER QUARTILE	31.1%	26.0%	19.3%
MEDIAN	42.1%	36.7%	27.3%
UPPER QUARTILE	54.4%	45.9%	35.8%

Salaries and wages as a

percentage of total operating
expenditures

NATIONAL AVERAGE	54.4%	56.8%	64.1%
LOWER QUARTILE	46.9%	48.6%	56.5%
MEDIAN	54.3%	55.6%	65.1%
UPPER QUARTILE	61.5%	64.6%	73.4%

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992
Source: 1992 IPEDS Academic Library Survey

TABLE 11A: CONTINUED (PART 3)

	PUBLIC	PRIVATE
Total operating expenditures as percentage of E&G expenditures		
NATIONAL AVERAGE	2.8%	4.7%

LOWER QUARTILE	1.9%	2.1%
MEDIAN	2.6%	2.9%
UPPER QUARTILE	3.5%	4.0%

Expenditures for collections as
a percentage of total operating
expenditures

NATIONAL AVERAGE	27.2%	32.6%
LOWER QUARTILE	19.1%	24.7%
MEDIAN	26.7%	31.7%
UPPER QUARTILE	34.2%	38.6%

Expenditures for current serials
as a percentage of total collection
expenditures

NATIONAL AVERAGE	38.7%	39.4%
LOWER QUARTILE	23.2%	26.5%
MEDIAN	34.6%	37.4%
UPPER QUARTILE	53.8%	49.9%

Salaries and wages as a
percentage of total operating
expenditures

NATIONAL AVERAGE	60.0%	55.3%
LOWER QUARTILE	50.8%	46.7%
MEDIAN	60.0%	54.2%
UPPER QUARTILE	69.1%	63.4%

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 11C: NUMBER OF VOLUMES AND SERIALS HELD BY ACADEMIC
LIBRARIES AND

VOLUMES ADDED BY ACADEMIC LIBRARIES PER FULL TIME
EQUIVALENT

(FTE) STUDENT UNITED STATES : 1992

TOTAL HIGHER	TOTAL	DOCTORATE	MASTERS
EDUCATION	FOUR YEAR	HIGHEST LEVEL	HIGHEST LEVEL
INSTITUTIONS*	INSTITUTIONS	OF DEGREE	OF DEGREE

Volumes held per

FTE student

NATIONAL AVERAGE	116.6	167.1	226.6	150.0
LOWER QUARTILE	21.9	56.5	66.0	51.3
MEDIAN	57.9	90.9	101.3	77.9
UPPER QUARTILE	114.7	157.9	192.8	129.0

Volumes added per

FTE student

NATIONAL AVERAGE	4.1	5.7	7.0	5.9
LOWER QUARTILE	0.7	1.4	1.7	1.2
MEDIAN	1.5	2.3	2.9	1.9
UPPER QUARTILE	3.2	4.3	5.6	3.6

* Institutions with accreditation at the higher education level recognized

by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 11C: CONTINUED (PART 2)

BACHELORS
HIGHEST LEVEL LESS THAN
OF DEGREE FOUR YEAR PUBLIC PRIVATE

Volumes held per

FTE student

NATIONAL AVERAGE	144.8	29.4	44.2	187.0
LOWER QUARTILE	52.9	11.6	16.0	51.9
MEDIAN	102.8	18.4	30.2	101.7
UPPER QUARTILE	165.2	30.1	59.3	179.7

Volumes added per

FTE student

NATIONAL AVERAGE	4.4	1.3	1.4	6.7
LOWER QUARTILE	1.3	0.3	0.4	1.4
MEDIAN	2.4	0.6	0.9	2.6
UPPER QUARTILE	4.3	1.1	1.7	5.2

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 11B: TOTAL OPERATING EXPENDITURES FOR ACADEMIC LIBRARIES
AND COLLECTION

EXPENDITURES PER FULL TIME EQUIVALENT (FTE) STUDENT,
UNITED STATES: 1992

	TOTAL HIGHER EDUCATION INSTITUTIONS*	TOTAL FOUR YEAR INSTITUTIONS	DOCTORATE HIGHEST LEVEL OF DEGREE	
Total operating expenditures per FTE student	NATIONAL AVERAGE	\$485.52	\$659.63	\$902.90
	LOWER QUARTILE	\$151.06	\$246.99	\$339.09
	MEDIAN	\$263.20	\$354.08	\$519.22
	UPPER QUARTILE	\$427.16	\$580.18	\$936.66

Expenditures for collections

per FTE student

NATIONAL AVERAGE	\$152.25	\$213.26	\$295.87
LOWER QUARTILE	\$35.73	\$72.42	\$114.89
MEDIAN	\$74.78	\$112.03	\$182.59
UPPER QUARTILE	\$137.77	\$197.59	\$312.19

Expenditures for current serials

per FTE student

NATIONAL AVERAGE	\$69.14	\$100.09	\$166.25
LOWER QUARTILE	\$9.45	\$27.32	\$62.61
MEDIAN	\$27.40	\$47.61	\$100.97
UPPER QUARTILE	\$61.27	\$93.97	\$160.49

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 11B: CONTINUED (PART 2)

	MASTERS	BACHELORS	
	HIGHEST LEVEL	HIGHEST LEVEL	LESS THAN
	OF DEGREE	OF DEGREE	FOUR YEAR

Total operating expenditures per

FTE student

NATIONAL AVERAGE	\$659.36	\$431.84	\$184.69
LOWER QUARTILE	\$231.98	\$222.18	\$97.79
MEDIAN	\$311.45	\$320.65	\$139.18
UPPER QUARTILE	\$433.63	\$480.41	\$201.95

Expenditures for collections

per FTE student

NATIONAL AVERAGE	\$207.37	\$140.58	\$46.77
LOWER QUARTILE	\$67.67	\$58.88	\$19.06
MEDIAN	\$95.62	\$98.53	\$30.49
UPPER QUARTILE	\$144.19	\$152.15	\$47.95

Expenditures for current serials

per FTE student

NATIONAL AVERAGE	\$83.51	\$56.50	\$14.44
LOWER QUARTILE	\$27.00	\$18.15	\$4.80
MEDIAN	\$42.17	\$32.70	\$7.78
UPPER QUARTILE	\$64.28	\$57.37	\$12.85

* Institutions with accreditation at the higher education level recognized

by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 11B: CONTINUED (PART 3)

	PUBLIC	PRIVATE
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Total operating expenditures per

FTE student

NATIONAL AVERAGE	\$264.45	\$700.43
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LOWER QUARTILE	\$123.43	\$233.92
MEDIAN	\$191.76	\$357.83
UPPER QUARTILE	\$290.36	\$607.35

Expenditures for collections

per FTE student

NATIONAL AVERAGE	\$80.92	\$222.05
LOWER QUARTILE	\$25.24	\$61.30
MEDIAN	\$47.03	\$108.53
UPPER QUARTILE	\$90.28	\$203.40

Expenditures for current serials

per FTE student

NATIONAL AVERAGE	\$39.43	\$98.86
LOWER QUARTILE	\$6.43	\$19.81
MEDIAN	\$13.46	\$39.44
UPPER QUARTILE	\$42.19	\$81.90

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 11D: ACADEMIC LIBRARY CIRCULATION PER FULL TIME EQUIVALENT (FTE)

STUDENT, UNITED STATES : 1992

TOTAL HIGHER EDUCATION INSTITUTIONS*	TOTAL FOUR YEAR INSTITUTIONS	DOCTORATE HIGHEST LEVEL OF DEGREE	MASTERS HIGHEST LEVEL OF DEGREE	
Circulation per FTE student				
NATIONAL AVERAGE	22.7	29.6	39.9	26.2
LOWER QUARTILE	6.6	10.1	13.5	9.5
MEDIAN	12.7	17.0	22.3	15.1
UPPER QUARTILE	22.9	30.4	44.8	25.4

* Institutions with accreditation at the higher education level recognized by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 11D: CONTINUED (PART 2)

BACHELORS					
HIGHEST LEVEL	LESS THAN				
OF DEGREE	FOUR YEAR	PUBLIC	PRIVATE		
<hr/>					
Circulation per					
FTE student					
NATIONAL AVERAGE	26.0	10.8	14.0	31.2	
LOWER QUARTILE	9.2	4.2	5.9	8.2	
MEDIAN	16.7	7.2	10.1	16.3	
UPPER QUARTILE	29.1	12.2	17.0	33.1	

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 11E: TOTAL ACADEMIC LIBRARY STAFF, EXCEPT STUDENT ASSISTANTS, PER 1,000

FULL TIME EQUIVALENT (FTE) STUDENTS, UNITED STATES : 1992

TOTAL HIGHER EDUCATION INSTITUTIONS*	TOTAL FOUR YEAR INSTITUTIONS	DOCTORATE HIGHEST LEVEL OF DEGREE	MASTERS HIGHEST LEVEL OF DEGREE
Total staff per			
1,000 FTE students			
NATIONAL AVERAGE	9.6	12.2	16.2
LOWER QUARTILE	3.7	5.1	6.2
MEDIAN	5.8	7.6	9.5
UPPER QUARTILE	9.6	12.0	16.7

* Institutions with accreditation at the higher education level recognized
by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey

TABLE 11E: CONTINUED (PART 2)

BACHELORS
 HIGHEST LEVEL LESS THAN
 OF DEGREE FOUR YEAR PUBLIC PRIVATE

Total staff per

1,000 FTE students

NATIONAL AVERAGE	10.6	5.0	5.3	13.7
LOWER QUARTILE	5.2	2.4	2.9	5.6
MEDIAN	8.0	3.5	4.1	8.3
UPPER QUARTILE	11.6	5.1	6.0	13.2

* Institutions with accreditation at the higher education level recognized
 by the Secretary of Education, 1992

Source: 1992 IPEDS Academic Library Survey