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ABSTRACT

This annual publication describes the collections, staffing, expenditures, and public service activities for the 109 university and 11 nonuniversity members of the Association of Research Libraries (ARL) during the 1995-96 fiscal year. This edition offers instructions for locating interactive ARL statistics on the World Wide Web, a 44-item bibliography, summary data tables on collections, expenditures, and personnel and public services, an analysis of selected variables, and Ph.D., faculty, and enrollment statistics. A collection of rank order tables offers statistical information on: volumes in library; volumes added (gross); current serials (totals); microform units; government documents; materials expenditures; salaries and wages expenditures; other operating expenditures; total library expenditures; monographs purchased (volumes); expenditures for monographs; serials purchased (subscriptions); expenditures for serials; total items loaned; total items borrowed; professional staff full-time equivalent (FTE); support staff (FTE); and total staff (FTE). A copy of the ARL statistics questionnaire is provided along with footnotes to the statistics and a list of ARL members. A complete list of the ARL member libraries is appended. (AEF)

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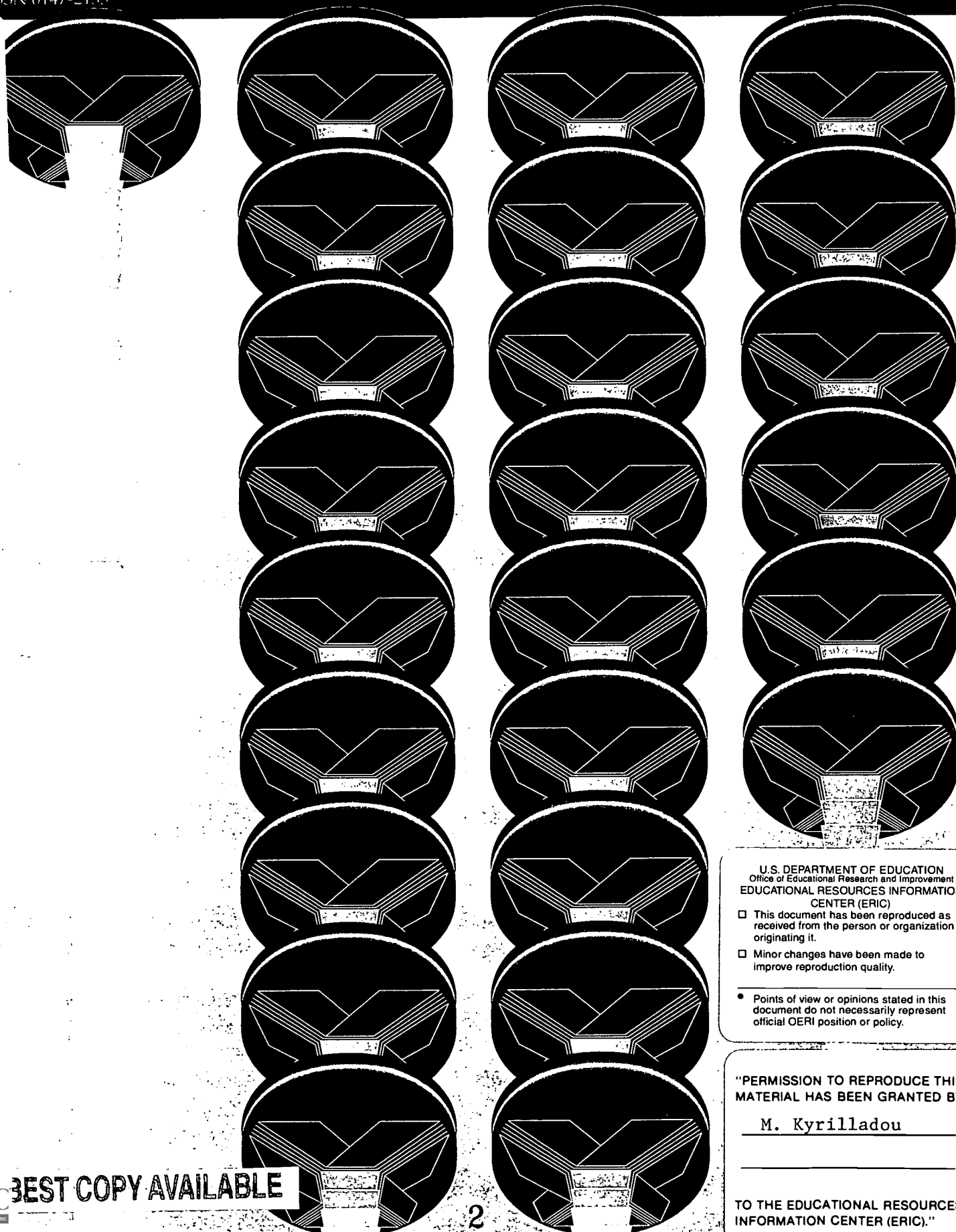
ARL STATISTICS

ASSOCIATION OF RESEARCH LIBRARIES

ISSN 0147-2135

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ARL STATISTICS

1995-96

A COMPILATION OF STATISTICS
FROM THE ONE HUNDRED AND TWENTY MEMBERS OF THE
ASSOCIATION OF RESEARCH LIBRARIES

COMPILED AND EDITED BY

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ASSOCIATION OF RESEARCH LIBRARIES
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1997

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- *Research Library Statistics, 1907-08 through 1991-92*
- *ARL Statistics 1992-93*
- *ARL Statistics 1993-94*
- *ARL Statistics 1994-95*
- *ARL Statistics 1995-96*

The quantitative rank order tables presented in this publication are not indicative of performance and outcomes and should not be used as measures of library quality. In comparing any individual library to ARL medians or to other ARL members, one must be careful to make such comparisons within the context of differing institutional and local goals and characteristics.

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The paper used in this publication meets the minimum requirements of American National Standard for Information Sciences -- Permanence of Paper for Printed Library Materials, ANSI Z39.48-1992.

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INTRODUCTION

ARL Statistics 1995-96 is the latest in a series of annual publications that describe collections, staffing, expenditures, and service activities for the 120 member libraries of the Association of Research Libraries (ARL). Of these, 109 are university libraries, including Ohio University, which became a member of ARL in 1996; the remaining 11 are public, governmental, and private research libraries. A complete list of the ARL member libraries is provided as Appendix A. ARL member libraries are the largest research libraries in North America, representing 15 Canadian and 105 U.S. research institutions. The academic libraries, which comprise about 91% of the membership, include 13 Canadian and 96 U.S. libraries.

Statistics have been collected and published annually for the members of the Association of Research Libraries since 1961-62. Before that, annual statistics for university libraries were collected by James Gerould, first at Minnesota and later at Princeton.¹ These data cover the years 1907-08 through 1961-62 and are now called the Gerould statistics.² The whole data series from 1908 to the present represents the oldest and most comprehensive continuing library statistical series in North America. Data since 1992-93 are available through a WWW interactive interface,³ and machine readable datafiles since 1908 are available on the ARL gopher.⁴ For more information on the electronic editions of the *ARL Statistics*, see page 15.

ARL libraries are a relatively small subset of all academic libraries in North America, but they account for a large portion of academic library resources in size of assets, budgets, and number of users they serve. Although limited to describing only ARL member institutions, the ARL data are indicators of library trends for North America in general because of the size of resources and users they represent and serve.

SERVICE TRENDS

With the increasing recognition that the success of an academic library is dependent not only on the information resources owned but also on the use of these resources, measurement of service has special importance. ARL collects data about public service activities such as circulations (initial, total, and reserve), reference transactions, library instruction (group presentations and participants in these presentations), and interlibrary borrowing and lending. These data, although not comprehensive for the range of library user-initiated activities, represent select service areas. Readers should be cautious when they use these data for comparisons across institutions because local policies can influence the level of service activities. For example, loan periods, which are usually determined by local policies, vary widely among libraries; thus, a library with a shorter loan period will report a larger number of circulation transactions compared to a library with a longer loan period.

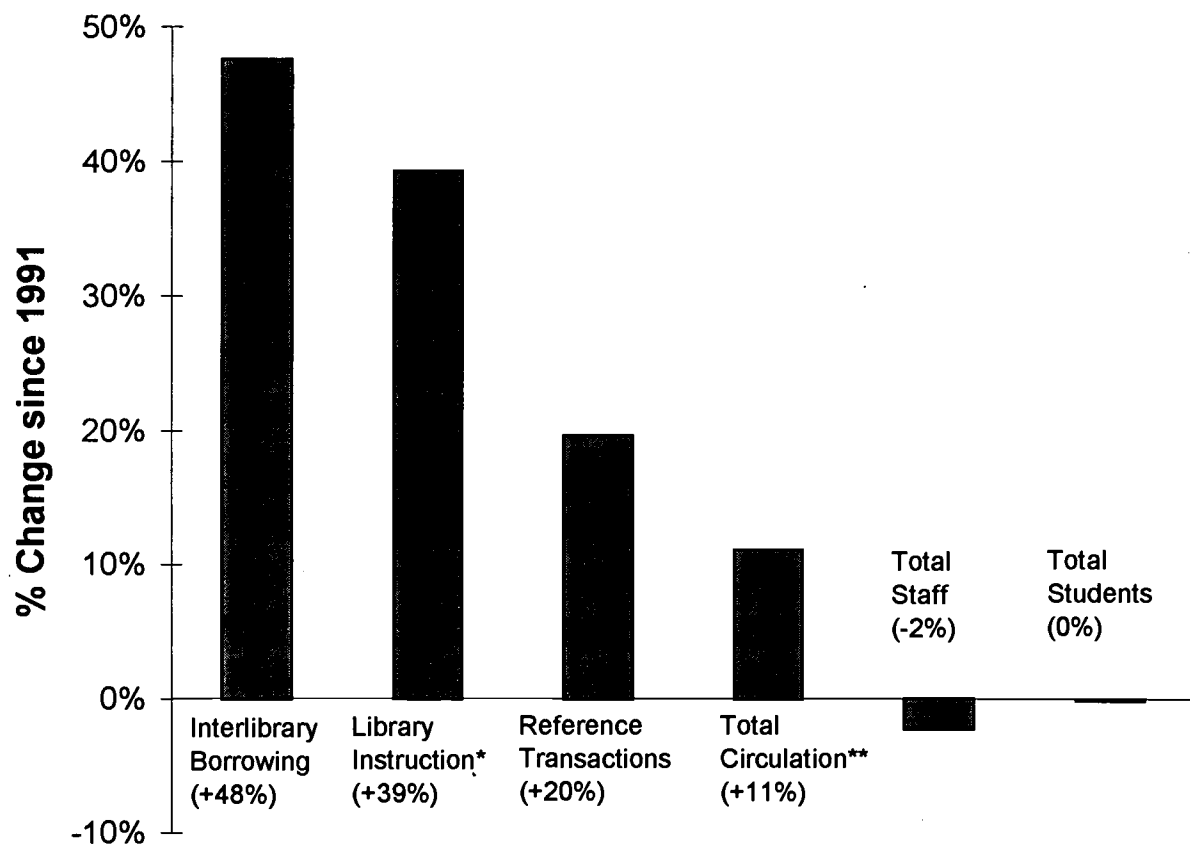
¹ Kendon L. Stubbs and Robert E. Molyneux, *Research Library Statistics 1907-08 through 1987-88* (Washington, DC: Association of Research Libraries, 1990).

² Robert E. Molyneux, *The Gerould Statistics 1907/08-1961/62*. (Washington, DC: Association of Research Libraries, 1986).

³ <<http://www.lib.virginia.edu/socsci/arl/test-arl>>

⁴ <gopher://arl.cni.org:70/11/stat/machine/>

Graph 1
Service Trends in ARL Libraries, 1991-96



* Library Instruction represents the number of Group Presentations

** Total Circulation includes Initial and Renewals but excludes Reserve Circulation

Table 1
Service Trends in ARL Libraries, 1991-96
Median Values for Time-Series Trends

Year	Interlibrary Borrowing	Library Instruction	Reference Transactions	Total Circulation	Total Staff	Total Students
(No. of Libraries)	(106)	(87)	(83)	(87)	(106)	(106)
1991	10,342	512	131,441	501,128	271	18,290
1992	11,318	535	132,574	536,039	267	18,273
1993	12,486	620	139,044	559,383	263	18,450
1994	13,996	569	152,706	570,671	266	18,287
1995	14,403	683	149,326	575,731	267	18,089
1996	15,259	713	157,275	556,658	265	18,269
Annual average percent change	8.1%	6.8%	3.7%	2.1%	-0.4%	0.0%

With this in mind, it is useful to look at the growth of services in the aggregate. Graph 1 on "Service Trends" illustrates that there has been a significant increase in the aggregate of services delivered to users while there has been a decline in the staffing levels of libraries. It makes clear that user demand for research library services has risen considerably faster than both numbers of users and library staffs. In only five years, interlibrary borrowing and instructional sessions have risen by more than a third; reference transactions (information contacts) by 20%; and circulation by 11%. Although these services have increased considerably since 1991, there has been a slowing down in the rate of growth of three out of these four areas (reference transactions is the exception) compared to last year. Whether this slowing down is an indication that other electronic service areas are compensating has not yet been determined.

Other evidence indicates that the increasing availability of information in electronic form is coming closer to meeting the information needs of students and enhancing the ways in which research libraries provide service. For example, online catalogs have made library resources more easily accessible to library users, consequently increasing circulation of materials.⁵ New and sophisticated information tools such as CD-ROMs have increased the demand for assistance from library staff, and consequently, the number of reference questions. Perhaps most interestingly, by 1996 one of every four instructional sessions in a typical ARL library had been added since 1991. The typical ARL library offered over 700 teaching sessions during 1995-96. If we assume that each session was an hour or more, then, on the average, the typical library offered the equivalent of 16 three-hour credit courses last year.

These increases in service activities were carried out by fewer staff since 1991. In five years, staff in ARL libraries accommodated increases of 21,000 instructional sessions, almost six million additional circulations, and almost three million additional requests for information assistance from students and faculty. Clearly a great amount of restructuring and re-engineering of staff functions has been underway in ARL libraries to accommodate increases of these magnitudes in staff workloads.

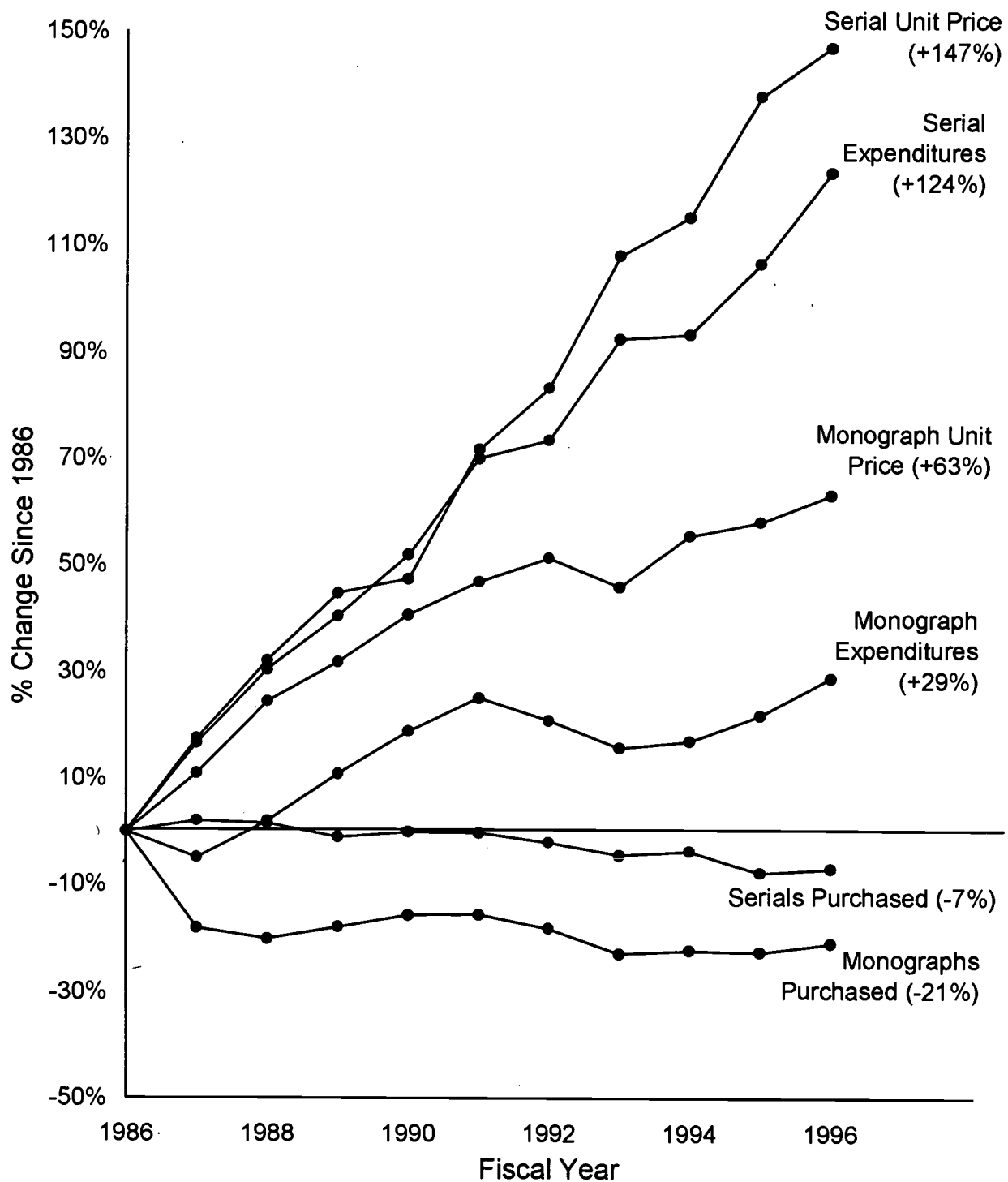
THE DECLINE OF OWNERSHIP

While demand for library services is increasing drastically, library budgets cannot keep up with serial and monograph inflation costs. Graph 2 entitled "Monograph and Serial Costs" tells this story. As serial subscriptions are canceled and monograph acquisitions reduced, services such as interlibrary loan are used more heavily, as shown in Graph 3 entitled "Supply and Demand." Consequently, "Resources per Student" are reduced, as shown in Graph 4.

Although it is tempting to draw generalizations from these major trends, it would be a mistake to oversimplify. The environment of academic and research libraries is complex. To some extent, these trends are tied to the transformational nature of new technologies and networking capabilities. Although most monograph and serial titles are still produced in a paper format, traditional formats are being challenged by electronic production and dissemination of scholarly information. Electronic

⁵ New data elements collected through the experimental *ARL Supplementary Statistics* show that there is a positive relation between the percent of items cataloged and available through an Online Public Access Catalog (OPAC) and circulation.

Graph 2
Monograph and Serial Costs
in ARL Libraries, 1986-1996



Source: *ARL Statistics 1995-96*, Association of Research Libraries, Washington DC

Table 2
Monograph and Serial Costs in ARL Libraries, 1986-1996
Median Values for Time-Series Trends

Year	Serial Unit Price	Serial Expenditures	Monograph Unit Price	Monograph Expenditures	Serials Purchased	Monographs Purchased
(No. of Libraries)	(43)	(103)	(63)	(99)	(43)	(63)
1986	\$88.81	\$1,517,724	\$28.65	\$1,120,645	16,198	33,210
1987	\$104.30	\$1,770,567	\$31.76	\$1,064,484	16,518	27,214
1988	\$117.25	\$1,979,604	\$35.63	\$1,141,226	16,443	26,541
1989	\$128.47	\$2,130,162	\$37.74	\$1,241,133	16,015	27,268
1990	\$130.81	\$2,304,744	\$40.26	\$1,330,747	16,182	27,999
1991	\$152.43	\$2,578,309	\$42.04	\$1,400,738	16,149	28,027
1992	\$162.72	\$2,630,827	\$43.31	\$1,353,865	15,846	27,158
1993	\$184.71	\$2,919,756	\$41.78	\$1,295,807	15,463	25,583
1994	\$191.13	\$2,932,091	\$44.51	\$1,309,807	15,583	25,803
1995	\$211.29	\$3,133,885	\$45.27	\$1,365,575	14,942	25,719
1996	\$219.46	\$3,393,307	\$46.73	\$1,444,015	15,069	26,262
Annual average percent change ⁶	9.5%	8.4%	5.0%	2.6%	-0.7%	-2.3%

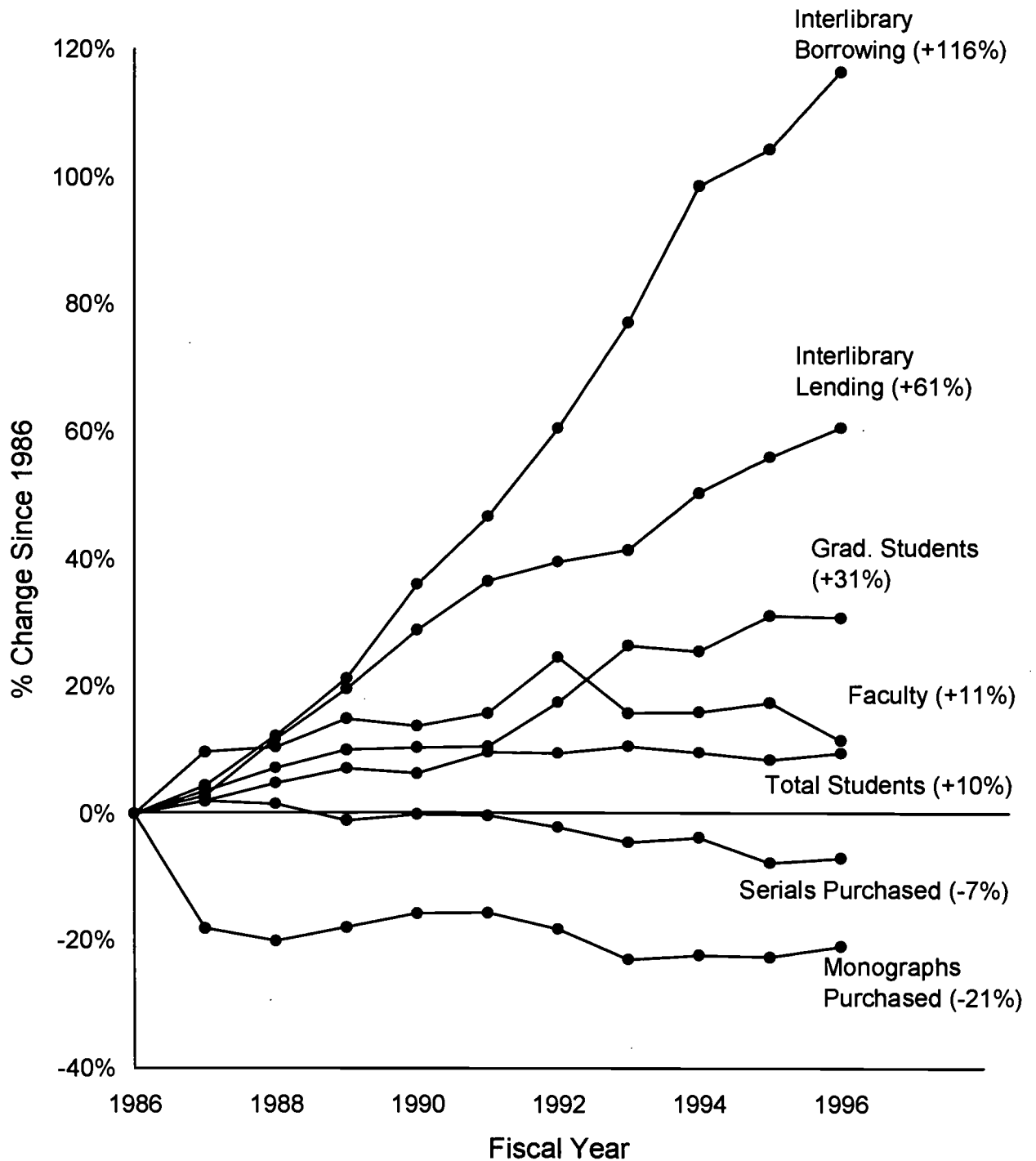
communication and the establishment of networks, consortia, and inter-institutional agreements are similarly making the dissemination of information more effective not only for digitized materials but for printed books and/or photocopies as well. Other possible explanations for the trends above could also include the strong emphasis on scientific and technical research, expectations for timely information, and the twiggling effect of specialization in new fields of knowledge. No matter what the underlying causal relations, research libraries are exchanging some of the traditional archival imperatives for the demands of "information here and now."

In more specific terms, ARL data show that while ARL libraries more than doubled expenditures for serials from 1986 to 1996, they bought 7% fewer serials (Table 2). During the last decade, libraries shifted expenditures for monographs to meet some of the demands of increasing serial prices and reduced the number of monographs purchased by 21%, while the unit price for monographs increased by 63%. Since 1986 the annual average increase for the serial unit price has been 9.5% and for the monograph unit price 5%,⁷ which is higher than the general inflation trends in North America during the same period.

⁶ The annual average percent changes published in the *ARL Statistics 1994-95* were not correct. The correct figures for the annual average percent change from 1986 to 1995 are: serial unit price = 10.1%; serial expenditures = 8.4%; monograph unit price = 5.2%; monograph expenditures = 2.2%; serials purchased = -.9%; and, monographs purchased = -2.8%.

⁷ The *ARL Statistics 1985-86*, based on only the data for that one year, shows a median unit price of \$29.50 for monographs (p. 28) and the *ARL Statistics 1995-96*, based on data submitted only for that one year, show a median unit price of \$45.70 (p. 46). However, the annually published figures on the table entitled "Analysis of Selected Variables of University Libraries" are not appropriate indicators for a time series analysis because some ARL libraries did not report this information throughout the time period.

Graph 3
Supply and Demand
in ARL Libraries, 1986-1996



Source: *ARL Statistics 1995-96*, Association of Research Libraries, Washington DC

THE PROMISE OF ACCESS

Although libraries are buying fewer serials and monographs than they bought nine years ago, they are called upon to serve a slightly higher number of students and faculty (Graph 3 and Table 3). In 1986, the typical ARL library subscribed to 16,198 serials and bought 33,210 monographs for 16,684 students and 1,125 faculty. However, in 1996, it bought only 15,069 serials and 26,262 monographs for 18,269 students and 1,254 faculty.

Table 3
Supply and Demand in ARL Libraries, 1986-1996
Median Values for Time-Series Trends

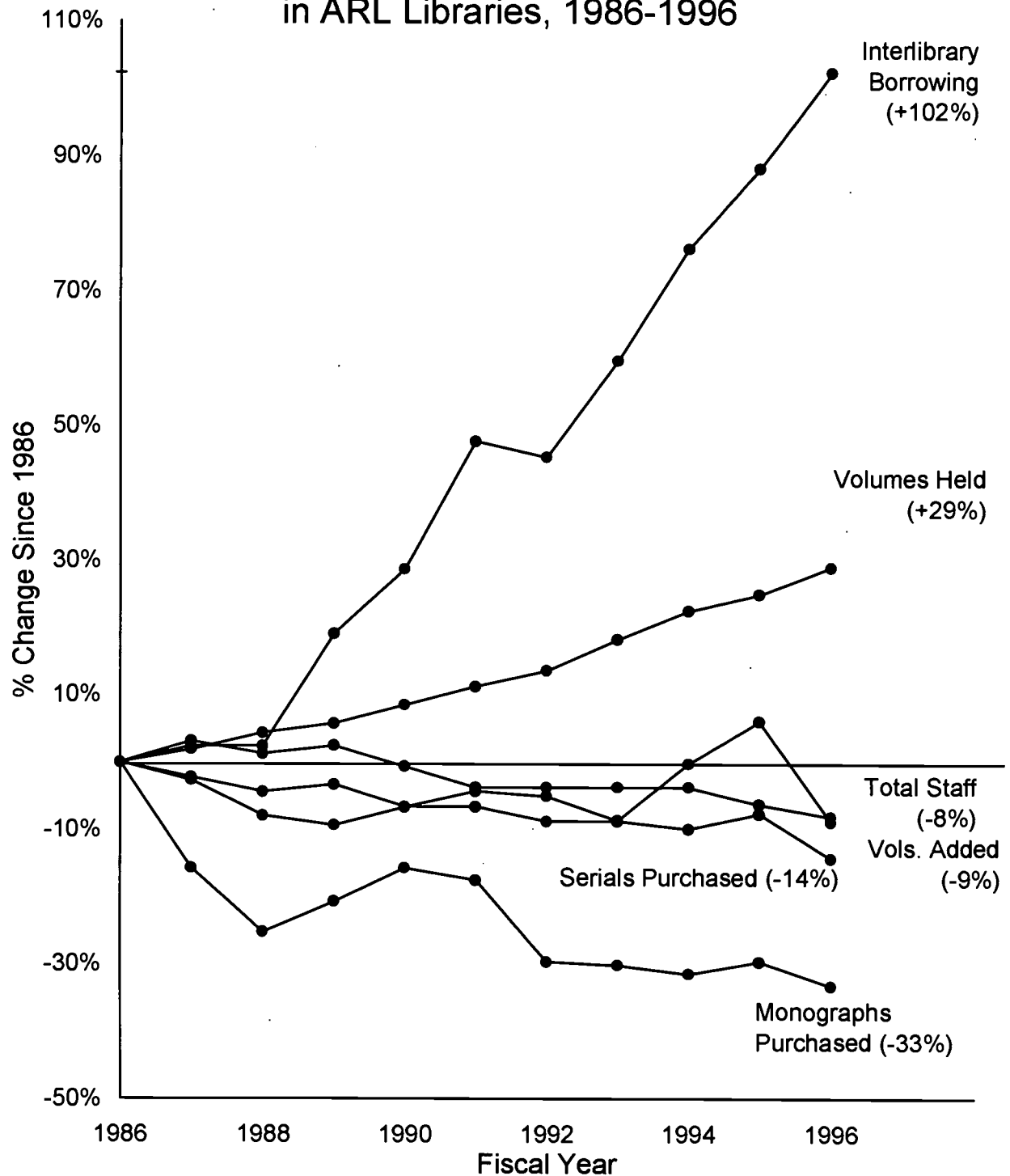
Year	Interlibrary Borrowing	Interlibrary Lending	Graduate Students ⁸	Teaching Faculty	Total Students	Serials Purchased	Monographs Purchased
(No. of Libraries)	(106)	(106)	(106)	(103)	(106)	(43)	(63)
1986	7,049	16,152	3,040	1,125	16,684	16,198	33,210
1987	7,362	16,608	3,148	1,234	17,029	16,518	27,214
1988	7,914	18,060	3,259	1,243	17,485	16,443	26,541
1989	8,548	19,317	3,346	1,293	17,866	16,015	27,268
1990	9,588	20,815	3,357	1,280	17,745	16,182	27,999
1991	10,342	22,056	3,362	1,303	18,290	16,149	28,027
1992	11,318	22,547	3,572	1,401	18,273	15,846	27,158
1993	12,486	22,840	3,842	1,303	18,450	15,463	25,583
1994	13,996	24,293	3,815	1,304	18,287	15,583	25,803
1995	14,403	25,201	3,984	1,321	18,089	14,942	25,719
1996	15,259	25,947	3,975	1,254	18,269	15,069	26,262
Annual average percent change ⁹	8.0%	4.9%	2.7%	1.1%	0.9%	-0.7%	-2.3%

While serial subscriptions are canceled and monograph purchases are reduced, faculty and students are borrowing through interlibrary loan more than twice as many items in 1996 as in 1986. Libraries are also lending 61% more items today than they did nine years ago. Libraries have joined state-wide and regional consortia to meet some of these demands and to share some of the burdens of licensing information sources. They are placing more emphasis on access, as the cost of access appears more affordable compared to the cost of ownership. State legislators have demonstrated a willingness to invest in state-wide library systems (e.g., OhioLINK, Illinet Online, TexShare, Virginia's VIVA, etc.) for more efficient use of library resources despite difficult local financial circumstances. Research libraries are pioneers in extending such cooperation beyond political boundaries: for example, the Consortium for Institutional Cooperation (CIC) crosses state boundaries, being the harbinger of a distributed global scholarly library network.

⁸ Figures revised.

⁹ The annual average percent changes published in the *ARL Statistics 1994-95* were not correct. The correct figures for the annual average percent change from 1986 to 1995 are: interlibrary borrowing = 8.3%; interlibrary lending = 5.1%; graduate students = 3.1%; teaching faculty = 1.8%; total students = .9%; serials purchased = -.9%; monographs purchased = -2.8%.

Graph 4
Resources per Student
in ARL Libraries, 1986-1996



Source: *ARL Statistics 1995-96*, Association of Research Libraries, Washington DC

Table 4 also shows that per student borrowing activity through interlibrary loan increased 8% during the last year alone, compared to the 7.3% annual increase since 1986. Libraries are borrowing twice as many items on a per student basis as they did ten years ago.¹⁰ Acquisition levels for both serials and monographs per student continue to slide. Libraries acquire a third fewer monographs and 14% fewer serials per student now than they did in 1986. That is actually 780 serial subscriptions and 1,480 monographs per 1,000 students in 1996 compared to 910 serial titles and 2,220 monographs purchased per 1,000 students in 1986.¹¹

The median number of volumes added per student is at a low point compared to 1986. In 1996, the median number of volumes added was 3.81 per student compared to the 4.18 volumes added per student in 1986. Libraries also had fewer staff per student in 1996 as compared to 1986. Staffing levels are at their lowest level since 1986; in 1996, there was a median number of 14.7 total staff per 1,000 students.

Table 4
Resources per Student in ARL Libraries, 1986-1996
Median of Ratio Values for Time-Series Trends

Year	Interlibrary Borrowing	Volumes Held	Volumes Added (Gross)	Total Staff	Serials Purchased	Monographs Purchased
(No. of Libraries)	(106)	(106)	(106)	(106)	(43)	(63)
1986	0.42	123.97	4.18	0.0160	0.91	2.22
1987	0.43	126.34	4.07	0.0165	0.89	1.87
1988	0.43	129.34	3.85	0.0162	0.87	1.66
1989	0.50	131.04	3.79	0.0164	0.88	1.76
1990	0.54	134.45	3.90	0.0159	0.85	1.87
1991	0.62	137.79	4.00	0.0154	0.85	1.83
1992	0.61	140.79	3.97	0.0154	0.83	1.56
1993	0.67	146.44	3.82	0.0154	0.83	1.55
1994	0.74	151.77	4.17	0.0154	0.82	1.52
1995	0.79	154.82	4.43	0.0150	0.84	1.56
1996	0.85	159.74	3.81	0.0147	0.78	1.48
Annual average percent change ¹²	7.3%	2.6%	-0.9%	-0.8%	-1.5%	-4.0%

In sum, purchases of fewer serials and monographs, coupled with increases in expenditures for serials and monographs, are indicators of the declining purchasing power of academic libraries. Higher levels of service activities, i.e., interlibrary loan, circulation, reference transactions, and library instruction, serve as indicators of increased access to library resources. Research libraries are

¹⁰ This overall trend should not be interpreted as a rigid doubling period as it falsifies the varying experiences of individual libraries.

¹¹ To get the number of resources per 1,000 students, multiply the figures in Table 4 by 1,000.

¹² The annual average percent changes published in the *ARL Statistics 1994-95* were not correct. The correct figures for the annual average percent change from 1986 to 1995 are: interlibrary borrowing = 7.3%; volumes held = 2.5%; volumes added (gross) = .6%; total staff = -.7%; serials purchased = -.9%; monographs purchased = -3.8%.

instruction, serve as indicators of increased access to library resources. Research libraries are doing more as technological innovation is readily adopted and barriers to access are gradually reduced.

Library roles are being redefined as the academic community undergoes changes. The ARL Statistics and Measurement Program and its oversight committee continue to look for new ways to describe and measure the performance of research libraries and their contribution to teaching, research, learning, and community service. In a period of rapid change and fluctuation, the information gathered in this data compilation represents only a very basic and rudimentary picture of major trends affecting research libraries, their resources and their use. This data compilation does not assess, for example, the quality of an organization in meeting user needs. Such answers can only be found by library staff who systematically explore with users their real needs and design better service delivery systems at the local level. The ARL Statistics and Measurement Program is trying to assist libraries in these efforts through training efforts and customized services.

Those using the *ARL Statistics* to compare individual libraries should consult the "Footnotes" and the symbols in the "ARL Library Data Tables." Although definitions used in the *Statistics* aim for consistency, differing reporting practices do exist among member libraries. To aid comparability in the *ARL Statistics*, expenditures of Canadian libraries are expressed in U.S. dollars, at the rate of 1.3613 Canadian dollars to one U.S. dollar. This exchange rate is the average monthly noon exchange rate published in the *Bank of Canada Review* for the period July 1995 - June 1996. Expenditures reported in Canadian dollars are given in the "Footnotes" to the *ARL Statistics*.

The quantitative rank order tables presented in this publication are not indicative of performance and outcomes and should not be used as measures of library quality. In comparing any individual library to ARL medians or to other ARL members, one must be careful to make such comparisons within the context of differing institutional and local goals and characteristics.

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February 24, 1997

INTERACTIVE ARL STATISTICS ON THE WORLD WIDE WEB

ARL Statistics 1995-96 is available also through an interactive WWW edition, supplementing previously available data from 1992-93. Maintained and supported by the Social Sciences Data Center at the University of Virginia, this site offers researchers access to *ARL Statistics* with documentation. The site is formatted for use with Netscape 2.02™ or higher, but other browsers also may be used to access the data.

The site offers maps and graphics depicting current library trends. For the particularly adventurous, the site links to an interactive graphics and statistics page, allowing users to manipulate their data queries. One may choose univariate, bivariate, or multivariate statistics in addition to a vast array of selections with which to customize a query. The interactive page also includes options for regional aggregates, customized samples of observations, simple rank order tabulations of data, and the ability to create ratios of any two variables. It also includes ten years of the membership index data (volumes held, volumes added gross, current serials, total library expenditures, and total staff), as published in the *Chronicle of Higher Education* each spring, which can be displayed as numbers or graphs. It includes an explanation of how the ARL membership index is used in assessing new members and a table of formulas for calculating the index for the last ten years. You can locate these capabilities and more at

[<http://www.lib.virginia.edu/socsci/arl/test-arl/>](http://www.lib.virginia.edu/socsci/arl/test-arl/).

Even if you do not have access to a graphical WWW browser, you can now ftp the *ARL Statistics* datafiles since 1908 in spreadsheet and ASCII format from

[<gopher://arl.cni.org:70/11/stat/machine>](gopher://arl.cni.org:70/11/stat/machine) or
[<ftp://arl.cni.org/pub/stat/machine>](ftp://arl.cni.org/pub/stat/machine).

The latest ARL membership index data are available at

[<gopher://arl.cni.org:70/11/stat/criteria>](gopher://arl.cni.org:70/11/stat/criteria).

General information about the ARL Statistics and Measurement Program is located at

[<http://arl.cni.org/stats/Statistics/stat.html>](http://arl.cni.org/stats/Statistics/stat.html).

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ARL LIBRARY DATA TABLES

ARL LIBRARY DATA TABLES 1995-96

COLLECTIONS

		Volumes in Library	Volumes Added (Gross)	Volumes Added (Net)	Mono- graphs Purchased (Volumes)	Current Serials Purchased (Subs.)	Current Serials Not Purchased	Current Serials Total
(Survey Question #)		(1)	(2)	(3)	(4)	(5)	(6)	(7)
INSTITUTION	Notes							
ALABAMA	LM+	2,057,586	51,174	33,176	20,699	9,807	4,618	14,425
ALBERTA	BLM+	5,085,060	124,163	116,768	35,538	19,569	6,104	25,673
ARIZONA	bLM+	4,343,130	119,920	116,822	50,555	21,682	3,566	25,248
ARIZONA STATE	BL+	3,175,896	79,655	73,268	64,371	21,768	14,486	36,254
AUBURN	+	2,401,321	108,987	97,995	23,826	7,819	11,374	19,193
BOSTON	LM+	2,051,555	59,813	47,199	19,979	17,285	11,664	28,949
BRIGHAM YOUNG	+	2,411,754	52,896	40,473	40,935	9,504	6,983	16,487
BRITISH COLUMBIA	LM+	3,745,735	118,290	98,187	54,610	14,188	4,808	18,996
BROWN	+	2,810,163	53,018	47,967	27,302	10,243	2,858	13,101
CALIFORNIA, BERKELEY	L+	8,462,123	173,149	165,563	U/A	U/A	U/A	83,351
CALIFORNIA, DAVIS	bLM+	2,871,796	82,560	63,933	U/A	U/A	U/A	46,655
CALIFORNIA, IRVINE	M+	1,917,250	55,321	42,185	16,594	11,285	9,822	21,107
CALIFORNIA, LOS ANGELES	LM+	6,772,851	182,599	156,373	149,279	U/A	U/A	95,610
CALIFORNIA, RIVERSIDE	+	1,801,213	48,995	47,508	29,221	7,393	5,862	13,255
CALIFORNIA, SAN DIEGO	M+	2,469,912	122,395	103,893	62,104	15,402	8,019	23,421
CALIFORNIA, SANTA BARBARA	+	2,305,494	62,401	57,668	33,558	11,187	7,638	18,825
CASE WESTERN RESERVE	LM+	1,938,840	28,984	23,166	13,544	11,123	2,476	13,599
CHICAGO	bLM+	5,982,101	132,571	128,087	65,718	U/A	U/A	40,711
CINCINNATI	LM+	2,113,966	70,303	64,110	29,483	U/A	U/A	19,431
COLORADO	L+	2,672,243	52,360	48,000	51,020	18,347	11,170	29,517
COLORADO STATE	+	1,656,039	56,404	49,397	25,428	9,025	12,056	21,081
COLUMBIA	LM+	6,792,274	153,083	127,526	U/A	40,263	25,012	65,275
CONNECTICUT	BGLM+	2,626,066	89,847	79,087	20,623	16,067	1,675	17,742
CORNELL	BL+	5,952,217	154,473	116,982	U/A	U/A	U/A	61,673
DARTMOUTH	M+	2,179,116	57,447	48,444	34,461	16,821	3,301	20,122
DELAWARE	G+	2,259,121	46,821	45,573	33,332	9,381	2,400	11,781
DUKE	GLM+	4,534,208	125,367	118,683	49,181	U/A	U/A	33,205
EMORY	BLM+	2,311,985	71,039	55,138	U/A	17,357	7,330	24,687
FLORIDA	LM+	3,258,300	102,531	83,840	42,341	20,454	6,321	26,775
FLORIDA STATE	BGL+	2,176,297	65,066	59,787	U/A	U/A	U/A	16,384
GEORGETOWN	GLM+	2,122,911	63,610	51,522	30,485	25,080	2,042	27,122
GEORGIA	L	3,392,238	99,533	88,970	61,757	U/A	U/A	46,169
GEORGIA TECH	+	1,916,350	53,174	50,623	11,731	6,159	6,567	12,726
GUELPH	b+	2,072,030	20,660	15,163	11,688	U/A	U/A	10,375
HARVARD	LM+	13,369,855	276,677	207,466	U/A	U/A	U/A	97,568
HAWAII	+	2,888,498	41,200	34,273	9,471	17,753	9,563	27,316
HOUSTON	GL+	1,899,229	58,002	52,848	25,120	14,334	799	15,133
HOWARD	GLM+	2,299,158	21,433	19,930	19,130	14,106	357	14,463
ILLINOIS, CHICAGO	M+	1,915,371	52,050	42,119	26,586	15,161	1,302	16,463
ILLINOIS, URBANA	L+	8,840,326	181,738	174,512	66,878	U/A	U/A	91,094

+ - See Footnotes
L - Includes Law Library
M- Includes Medical Library

G - Government Documents Not Included in Serials Count
B - Includes Branch Campuses
b - Bibliographic Count

U/A - Unavailable
N/A - Not Applicable

ARL LIBRARY DATA TABLES 1995-96

COLLECTIONS

Microform Units	Government Documents	Computer Files	Archives and Manus.	Carto- graphic Materials	Graphic Materials	Audio Materials	Video and Film	(Survey Question #)
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	INSTITUTION
3,224,111	1,153,248	2,202	25,453	266,595	178,508	19,683	2,782	ALABAMA
3,637,355	449,269	5,821	10,265	1,366,000	U/A	U/A	U/A	ALBERTA
5,309,084	0	2,905	7,237	242,289	339,499	34,735	9,515	ARIZONA
6,484,688	730,430	1,993	14,891	187,147	583,802	50,364	13,125	ARIZONA STATE
2,289,345	391,818	861	7,510	136,229	445,728	22,322	5,658	AUBURN
3,564,394	U/A	788	37,823	1,700	21,300	43,768	U/A	BOSTON
2,311,821	355,439	2,594	15,547	222,423	18,370	50,648	2,238	BRIGHAM YOUNG
4,456,148	830,415	3,906	9,929	516,693	445,768	131,903	8,069	BRITISH COLUMBIA
1,561,108	0	2,441	5,746	132,932	863,929	51,360	3,031	BROWN
5,675,702	106,259	4,591	U/A	394,186	2,955,039	65,669	14,685	CALIFORNIA, BERKELEY
3,689,558	100,834	2,203	10,643	235,367	210,961	13,478	479	CALIFORNIA, DAVIS
2,186,867	319,421	3,199	1,816	8,901	71,664	12,556	2,380	CALIFORNIA, IRVINE
5,815,667	69,882	2,538	77,067	621,689	4,343,240	145,016	15,710	CALIFORNIA, LOS ANGELES
1,615,027	363,741	1,135	2,131	87,055	21,182	14,126	3,305	CALIFORNIA, RIVERSIDE
2,605,157	208,323	8,023	7,067	213,999	282,362	74,195	3,935	CALIFORNIA, SAN DIEGO
3,463,288	667,863	2,471	8,681	3,546,470	7,320	90,376	2,679	CALIFORNIA, SANTA BARBARA
2,226,822	76,596	2,750	945	64,000	72,165	27,650	5,122	CASE WESTERN RESERVE
2,308,586	U/A	499	21,806	384,364	0	18,325	616	CHICAGO
3,009,059	399,121	2,947	17,665	121,065	348,221	40,343	12,013	CINCINNATI
5,569,400	1,623,397	3,167	26,237	198,092	347,061	46,124	9,696	COLORADO
2,327,921	316,179	2,755	2,065	58,627	2,346	6,670	103	COLORADO STATE
5,124,800	174,033	U/A	208,756	129,098	573,418	U/A	U/A	COLUMBIA
3,827,347	U/A	1,469	17,152	167,447	2,636	24,335	4,125	CONNECTICUT
6,980,459	U/A	4,126	55,556	221,701	31,904	74,490	11,327	CORNELL
2,436,419	0	3,359	11,655	172,047	358,768	26,810	3,002	DARTMOUTH
2,848,718	416,299	2,151	2,710	126,687	632	1,441	7,592	DELAWARE
3,314,158	1,348,849	4,613	21,791	126,253	1,141	21,804	9,701	DUKE
3,178,980	128,532	1,849	10,137	25,471	2,671	16,848	8,155	EMORY
6,026,299	1,194,892	11,762	7,245	686,549	122,215	19,231	7,041	FLORIDA
4,545,276	883,559	2,083	2,485	166,073	431	37,335	3,889	FLORIDA STATE
2,879,589	446,802	6,917	14,039	1,140	83,055	53,825	9,831	GEORGETOWN
5,507,430	917,766	2,443	35,170	591,491	U/A	45,080	21,724	GEORGIA
3,837,639	0	3,313	8,232	179,843	100,946	1,866	3,107	GEORGIA TECH
1,495,483	0	1,046	6,803	72,353	U/A	9,988	6,658	GUELPH
7,953,568	U/A	U/A	U/A	U/A	U/A	U/A	U/A	HARVARD
5,657,508	0	1,616	4,326	241,559	1,801	19,610	13,143	HAWAII
3,733,365	651,191	596	2,051	608	200	365	1,492	HOUSTON
3,702,296	U/A	454	6,600	78	32,800	24,264	62,349	HOWARD
2,415,405	696,109	716	19,676	173,771	221,137	13,600	8,678	ILLINOIS, CHICAGO
4,577,775	U/A	2,722	23,629	620,260	86,419	135,326	8,197	ILLINOIS, URBANA

U/A - Unavailable

N/A - Not Applicable

ARL LIBRARY DATA TABLES 1995-96

COLLECTIONS

(Survey Question #)		Volumes in Library	Volumes Added (Gross)	Volumes Added (Net)	Mono- graphs Purchased (Volumes)	Current Serials Purchased (Subs.)	Current Serials Not Purchased	Current Serials Total
		(1)	(2)	(3)	(4)	(5)	(6)	(7)
INSTITUTION	Notes							
INDIANA	L+	5,790,384	168,830	113,058	56,500	27,820	13,244	41,064
IOWA	LM+	3,751,596	105,601	96,100	42,040	19,393	18,977	38,370
IOWA STATE	+	2,104,204	55,768	45,813	26,262	15,069	6,706	21,775
JOHNS HOPKINS	BM+	3,172,679	64,906	53,914	40,327	15,377	5,013	20,390
KANSAS	BLM+	3,450,463	77,061	73,082	39,402	17,884	14,457	32,341
KENT STATE	B+	2,288,661	71,581	64,001	14,035	7,734	3,942	11,676
KENTUCKY	LM+	2,633,632	48,936	43,571	17,198	14,227	12,167	26,394
LAVAL	LM+	2,213,137	81,000	78,672	25,560	10,762	3,607	14,369
LOUISIANA STATE	L+	2,878,866	59,061	46,909	13,268	12,790	5,780	18,570
MCGILL	bLM+	2,948,633	77,955	69,917	30,477	11,639	5,093	16,732
MCMASTER	M+	1,764,841	29,034	26,983	17,600	8,447	3,529	11,976
MANITOBA	GLM+	1,710,480	33,844	29,643	12,944	8,323	1,268	9,591
MARYLAND	+	2,539,110	84,077	74,487	37,288	14,376	11,883	26,259
MASSACHUSETTS	+	2,762,244	66,450	65,552	31,801	10,648	4,870	15,518
MIT	+	2,448,647	45,613	39,511	16,830	9,211	8,604	17,815
MIAMI	LM+	2,084,131	57,628	51,912	24,600	15,835	3,766	19,601
MICHIGAN	LM+	6,874,648	140,853	100,133	U/A	35,184	34,382	69,566
MICHIGAN STATE	+	4,047,477	115,761	75,081	31,136	13,231	14,363	27,594
MINNESOTA	bLM+	5,376,090	146,615	134,500	35,980	33,598	14,269	47,867
MISSOURI	LM+	2,768,911	47,397	38,155	26,276	U/A	U/A	23,618
NEBRASKA	L+	2,384,200	59,450	52,237	18,965	12,432	9,463	21,895
NEW MEXICO	bLM+	2,093,086	69,482	66,519	29,568	12,266	4,517	16,783
NEW YORK	LM+	3,508,001	131,693	122,543	68,580	28,741	946	29,687
NORTH CAROLINA	LM+	4,674,502	123,872	117,941	63,560	21,692	21,879	43,571
NORTH CAROLINA STATE	+	2,540,328	71,695	67,518	43,022	10,782	10,804	21,586
NORTHWESTERN	LM+	3,840,439	93,130	64,913	U/A	U/A	U/A	39,033
NOTRE DAME	L+	2,524,921	70,183	65,934	37,994	U/A	U/A	23,505
OHIO	BM+	2,043,840	55,625	51,774	U/A	U/A	U/A	25,839
OHIO STATE	bLM+	4,977,610	129,134	113,088	53,333	24,331	8,949	33,280
OKLAHOMA	LM+	2,575,825	48,793	44,766	18,173	16,155	414	16,569
OKLAHOMA STATE	BM+	1,896,863	67,984	65,099	14,513	U/A	U/A	18,866
OREGON	L+	2,211,768	71,533	68,202	29,543	11,262	4,997	16,259
PENNSYLVANIA	LM+	4,437,523	119,990	113,298	59,542	U/A	U/A	33,530
PENNSYLVANIA STATE	B+	3,724,916	109,916	92,264	U/A	21,067	10,739	31,806
PITTSBURGH	BLM+	3,730,778	110,104	94,110	U/A	U/A	U/A	25,786
PRINCETON	+	5,405,087	119,314	112,138	U/A	U/A	U/A	33,073
PURDUE	bG+	2,201,543	46,041	34,594	15,066	12,310	8,232	20,542
QUEEN'S	bGLM+	2,113,953	58,151	50,614	21,804	11,026	704	11,730
RICE	b+	1,905,042	47,057	40,707	U/A	7,982	2,111	10,093
ROCHESTER	M+	2,922,335	43,350	40,312	21,128	8,936	893	9,829

+ - See Footnotes
L - Includes Law Library
M- Includes Medical Library

G - Government Documents Not Included in Serials Count
B - Includes Branch Campuses
b - Bibliographic Count

U/A - Unavailable
N/A - Not Applicable

ARL LIBRARY DATA TABLES 1995-96

COLLECTIONS

Microform Units	Government Documents	Computer Files	Archives and Manus.	Carto- graphic Materials	Graphic Materials	Audio Materials	Video and Film	(Survey Question #)
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	INSTITUTION
3,743,511	70,364	3,728	31,550	580,368	639,435	269,460	27,370	INDIANA
5,819,830	1,024,507	5,100	11,311	347,529	227,084	21,453	6,154	IOWA
2,888,345	0	1,303	11,387	127,904	696,843	14,474	36,744	IOWA STATE
3,585,880	0	3,094	12,516	208,039	56,503	22,998	3,002	JOHNS HOPKINS
2,983,680	696,618	3,499	16,364	313,396	2,721,818	26,126	12,369	KANSAS
1,167,194	137	1,321	8,809	262,965	31,760	22,344	21,089	KENT STATE
5,593,370	1,147,735	3,087	22,625	237,043	611,110	37,491	34,055	KENTUCKY
1,206,230	500	1,043	0	318,450	203,250	22,503	12,712	LAVAL
4,995,722	84,720	U/A	18,522	303,137	U/A	35,057	4,041	LOUISIANA STATE
1,402,613	831,859	1,082	2,448	229,265	244,198	30,246	30,648	MCGILL
1,407,290	158,195	672	10,703	135,011	4,535	31,817	1,826	MCMASTER
1,281,570	512,690	1,368	2,436	103,419	651,839	19,297	2,319	MANITOBA
5,072,884	743,194	1,936	24,562	213,989	74,768	123,250	21,666	MARYLAND
2,193,812	315,238	1,303	10,221	130,365	0	16,647	0	MASSACHUSETTS
2,163,900	0	4,113	10,174	113,672	419,058	19,850	2,481	MIT
3,110,320	510,111	1,962	5,671	61,659	58,284	37,447	2,447	MIAMI
5,566,940	0	6,340	30,006	308,315	1,617,579	30,850	19,793	MICHIGAN
5,101,191	0	5,523	1,010	213,827	1,817	40,287	133	MICHIGAN STATE
5,242,524	2,910,143	5,047	39,254	393,351	U/A	U/A	U/A	MINNESOTA
6,365,210	1,732,296	U/A	U/A	U/A	U/A	15,686	U/A	MISSOURI
4,062,246	540,571	872	5,318	148,410	8,791	24,815	1,091	NEBRASKA
6,185,795	285,011	4,375	16,990	205,765	1,486,043	37,218	4,788	NEW MEXICO
4,001,184	421,322	1,506	13,609	U/A	810,041	36,269	8,679	NEW YORK
4,044,679	1,576,559	3,632	21,790	299,670	515,564	122,793	32,740	NORTH CAROLINA
4,427,896	0	3,023	4,700	36,729	73,123	2,382	5,505	NORTH CAROLINA STATE
3,284,677	6,401	2,208	16,028	221,885	370,113	50,175	12,872	NORTHWESTERN
2,746,657	0	1,411	U/A	72,735	U/A	12,180	3,203	NOTRE DAME
2,411,657	1,130	3,371	9,906	166,743	132,258	48,028	19,602	OHIO
4,196,464	128,425	1,197	18,507	173,777	1,877,311	U/A	U/A	OHIO STATE
3,562,814	1,740,824	605	11,698	146,908	188,929	2,178	3,989	OKLAHOMA
3,416,124	16,073	5,784	5,297	263,366	183,042	8,112	10,415	OKLAHOMA STATE
1,906,570	468,411	306	57,802	819,340	983,933	49,890	5,897	OREGON
2,999,180	0	1,771	9,340	119,835	543,670	46,941	960	PENNSYLVANIA
3,355,549	0	2,534	21,328	352,289	505,336	49,918	121,070	PENNSYLVANIA STATE
3,651,950	22,262	3,732	16,090	100,373	689,694	40,869	17,397	PITTSBURGH
3,892,428	530,757	U/A	36,031	394,049	220,676	61,956	143	PRINCETON
2,259,260	481,865	1,131	1,591	344,906	851	788	7,289	PURDUE
3,370,409	1,000,938	U/A	U/A	145,631	27,022	U/A	U/A	QUEEN'S
2,402,575	319,698	1,890	4,382	25,470	26,547	25,647	3,190	RICE
4,102,438	558,646	4,296	15,811	98,452	7,500	65,219	1,140	ROCHESTER

U/A - Unavailable

N/A - Not Applicable

ARL LIBRARY DATA TABLES 1995-96

COLLECTIONS

(Survey Question #)		Volumes in Library	Volumes Added (Gross)	Volumes Added (Net)	Mono- graphs Purchased (Volumes)	Current Serials Purchased (Subs.)	Current Serials Not Purchased	Current Serials Total
		(1)	(2)	(3)	(4)	(5)	(6)	(7)
INSTITUTION	Notes							
RUTGERS	BL+	3,567,690	100,952	86,770	35,788	U/A	U/A	29,490
SASKATCHEWAN	LM+	1,664,881	50,654	16,345	17,153	8,693	5,123	13,816
SOUTH CAROLINA	LM+	2,933,864	70,966	68,279	35,308	U/A	U/A	18,047
SOUTHERN CALIFORNIA	bBLM+	3,344,620	56,658	40,682	47,608	21,871	5,548	27,419
SOUTHERN ILLINOIS	GL+	2,326,357	47,570	23,519	18,091	14,996	2,366	17,362
STANFORD	GLM+	6,746,550	213,257	196,825	U/A	U/A	U/A	44,131
SUNY-ALBANY	B+	1,842,937	42,764	27,611	19,789	U/A	U/A	16,103
SUNY-BUFFALO	GLM+	2,991,288	85,213	53,502	35,371	16,550	4,535	21,085
SUNY-STONY BROOK	M+	1,963,363	45,687	33,395	19,925	8,125	3,014	11,139
SYRACUSE	bBL+	2,692,147	44,345	32,539	15,138	15,369	1,056	16,425
TEMPLE	BLM+	2,301,269	49,223	38,750	27,139	10,452	3,961	14,413
TENNESSEE	L+	2,194,881	57,693	51,553	30,302	16,306	1,172	17,478
TEXAS	L+	7,329,663	156,552	152,774	47,512	27,209	24,353	51,562
TEXAS A&M	bBM+	2,367,072	89,011	85,418	30,479	17,017	5,764	22,781
TORONTO	LM+	6,905,360	221,007	192,331	119,847	30,657	8,462	39,119
TULANE	GLM+	2,076,236	49,897	46,459	23,301	14,718	158	14,876
UTAH	LM+	2,540,550	65,962	63,304	U/A	12,692	2,853	15,545
VANDERBILT	GLM+	2,388,311	60,611	52,586	U/A	15,859	1,150	17,009
VIRGINIA	LM+	4,276,435	126,983	110,279	58,286	24,940	22,452	47,392
VPI & SU	+	1,978,869	61,438	27,289	21,726	12,987	5,750	18,737
WASHINGTON	LM+	5,601,263	164,069	129,479	40,227	36,665	19,630	56,295
WASHINGTON STATE	+	1,833,749	36,287	35,929	17,255	U/A	U/A	25,166
WASHINGTON U.-ST. LOUIS	GLM+	3,164,136	86,279	68,823	24,375	18,257	344	18,601
WATERLOO	+	1,768,713	29,982	18,459	17,202	U/A	U/A	14,184
WAYNE STATE	bLM+	2,960,222	57,856	55,581	20,069	16,232	8,459	24,691
WESTERN ONTARIO	L+	2,221,940	54,449	40,611	U/A	11,661	5,377	17,038
WISCONSIN	LM+	5,737,834	105,036	84,949	58,660	33,424	11,394	44,818
YALE	GLM	9,758,341	160,407	148,520	108,999	U/A	U/A	57,377
YORK	BL+	2,161,470	55,684	46,960	35,603	U/A	U/A	12,542
BOSTON PUBLIC LIBRARY	+	6,631,913	185,857	50,187	162,983	U/A	U/A	29,226
CANADA INST. FOR SCITECH.	B+	7,921,231	59,735	59,735	U/A	U/A	U/A	U/A
CENTER FOR RESEARCH LIBS.	bG+	3,113,020	18,562	18,562	2,247	U/A	U/A	14,847
LIBRARY OF CONGRESS	L+	23,672,003	317,497	314,333	120,692	16,150	133,850	150,000
LINDA HALL LIBRARY	+	720,002	14,228	13,784	5,767	9,614	3,847	13,461
NATL. AGRICULTURAL LIB.	b+	2,235,329	30,299	30,285	4,738	6,292	19,127	25,419
NATL. LIBRARY OF CANADA	+	6,166,153	U/A	99,955	7,804	1,913	32,676	34,589
NATL. LIBRARY OF MEDICINE	M+	2,181,783	37,713	37,553	14,444	21,736	4,151	25,887
NEW YORK PUBLIC LIBRARY	G+	7,309,690	167,773	159,167	70,254	U/A	U/A	167,464
NEW YORK STATE LIBRARY	LM	2,332,682	26,348	26,280	6,378	6,414	7,809	14,223
SMITHSONIAN INSTITUTION	BG+	1,198,400	14,066	13,014	6,422	3,755	3,252	7,007

+ - See Footnotes
L - Includes Law Library
M- Includes Medical Library

G - Government Documents Not Included in Serials Count
B - Includes Branch Campuses
b - Bibliographic Count

U/A - Unavailable
N/A - Not Applicable

ARL LIBRARY DATA TABLES 1995-96

COLLECTIONS

Microform Units	Government Documents	Computer Files	Archives and Manus.	Carto- graphic Materials	Graphic Materials	Audio Materials	Video and Film	(Survey Question #)
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	INSTITUTION
5,149,326	2,635,042	5,436	20,489	U/A	U/A	U/A	U/A	RUTGERS
2,849,594	375,420	1,123	237	68,482	59,972	11,283	1,414	SASKATCHEWAN
4,281,147	787,726	2,178	6,704	307,559	250,000	29,786	8,703	SOUTH CAROLINA
5,588,965	487,581	1,811	41,147	U/A	3,180,553	25,281	13,150	SOUTHERN CALIFORNIA
3,912,487	418,174	2,976	16,819	298,455	20,243	24,617	9,888	SOUTHERN ILLINOIS
4,843,443	34,549	7,646	U/A	232,638	629,644	312,274	21,591	STANFORD
2,814,892	0	5,430	5,353	48,335	36,560	4,714	2,171	SUNY-ALBANY
4,740,453	U/A	1,422	7,400	194,798	110,535	36,517	4,309	SUNY-BUFFALO
3,768,065	240,746	1,615	4,928	117,296	8,170	29,174	6,794	SUNY-STONY BROOK
3,621,095	293,631	1,603	47,906	185,955	389,555	347,374	9,160	SYRACUSE
2,540,569	200,466	1,409	31,947	114,432	10,001,650	19,950	1,001	TEMPLE
4,356,422	6,212	1,907	7,391	323,340	143,453	26,938	6,931	TENNESSEE
5,295,504	0	2,840	88,875	328,207	7,791,817	106,316	12,734	TEXAS
4,618,364	65,519	6,764	39,151	138,867	39,662	7,099	11,818	TEXAS A&M
3,579,762	U/A	821	U/A	262,297	320,720	169,003	11,806	TORONTO
2,406,856	979,608	994	1,352	5,460	181,714	80,307	2,258	TULANE
3,344,499	765,759	2,462	17,460	190,828	589,042	36,333	14,826	UTAH
2,656,637	228,477	3,182	7,144	102,849	14,773	22,707	4,099	VANDERBILT
4,569,358	795,366	3,768	18,188	142,454	419,346	49,479	17,063	VIRGINIA
5,962,090	399,525	4,440	4,750	128,658	64,220	8,210	7,682	VPI & SU
6,432,950	U/A	6,243	55,152	324,436	872,433	64,773	9,628	WASHINGTON
3,072,829	U/A	U/A	15,010	716	268,950	8,148	24,239	WASHINGTON STATE
2,809,952	4,000	2,207	7,851	108,135	3,296	26,954	5,444	WASHINGTON U.-ST. LOUIS
1,389,614	U/A	102	2,666	139,361	U/A	1,357	U/A	WATERLOO
3,417,154	380,910	1,378	68,000	52,766	1,600,051	36,561	16,826	WAYNE STATE
3,314,155	0	986	9,612	2,052	52,835	40,338	2,412	WESTERN ONTARIO
4,392,043	271,091	5,284	3,249	243,699	27,223	196,200	16,221	WISCONSIN
5,240,110	1,069,431	U/A	51,559	435,107	2,214,806	182,263	3,992	YALE
3,396,693	0	698	6,293	108,040	8,628	39,857	5,699	YORK
5,664,252	1,558,824	1,400	U/A	U/A	U/A	47,214	22,674	BOSTON PUBLIC LIBRARY
U/A	U/A	U/A	0	0	0	0	0	CANADA INST. FOR SCITECH.
1,520,952	0	1	0	U/A	U/A	U/A	U/A	CENTER FOR RESEARCH LIBS.
11,339,461	0	30,503	50,000	4,408,464	14,188,865	2,298,982	742,699	LIBRARY OF CONGRESS
1,229,594	355,000	216	N/A	75,600	N/A	20	8	LINDA HALL LIBRARY
1,048,992	0	638	18,264	1,283	1,065	412	2,645	NATL. AGRICULTURAL LIB.
5,769,774	3,051,444	108	5,212	U/A	80,749	177,799	2,254	NATL. LIBRARY OF CANADA
431,306	0	857	U/A	U/A	56,601	U/A	60,723	NATL. LIBRARY OF MEDICINE
4,737,029	8,550	U/A	28,854	416,277	4,139,789	530,949	43,077	NEW YORK PUBLIC LIBRARY
6,210,042	U/A	1,936	26,000	210,000	60,000	U/A	U/A	NEW YORK STATE LIBRARY
U/A	U/A	U/A	U/A	U/A	U/A	U/A	U/A	SMITHSONIAN INSTITUTION

U/A - Unavailable

N/A - Not Applicable

ARL LIBRARY DATA TABLES 1995-96

SUMMARY DATA: COLLECTIONS

(Survey Question #)	Volumes in Library (1)	Volumes Added (Gross) (2)	Volumes Added (Net) (3)	Mono- graphs Purchased (Volumes) (4)	Current Serials Purchased (Subs.) (5)	Current Serials Not Purchased (6)	Current Serials Total (7)
UNIVERSITY LIBRARIES:							
Median	2,575,825	67,984	63,304	29,568	14,996	5,750	21,107
High	13,369,855	276,677	207,466	149,279	40,263	34,382	97,568
Low	1,656,039	20,660	15,163	9,471	6,159	158	9,591
Totals	366,812,983	9,240,669	7,923,310	3,216,016	1,313,773	603,662	2,999,951
Number of Libraries Responding	109	109	109	91	81	81	109
NONUNIVERSITY LIBRARIES:							
Median	3,113,020	34,006	37,553	7,113	6,414	7,809	25,653
Totals	63,482,206	872,078	822,855	401,729	65,874	204,712	482,123
Number of Libraries Responding	11	10	11	10	7	7	10
GRAND TOTALS:	430,295,189	10,112,747	8,746,165	3,617,745	1,379,647	808,374	3,482,074

ARL LIBRARY DATA TABLES 1995-96

SUMMARY DATA: COLLECTIONS

Microform Units	Government Documents	Computer Files	Archives and Manus.	Carto- graphic Materials	Graphic Materials	Audio Materials	Video and Film	(Survey Question #)
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
								UNIVERSITY LIBRARIES:
3,585,880	319,421	2,441	11,007	176,810	181,714	30,016	7,041	Median
7,953,568	2,910,143	11,762	208,756	3,546,470	10,001,650	347,374	121,070	High
1,167,194	0	102	0	78	0	365	0	Low
408,911,218	44,296,700	282,914	1,910,957	26,051,511	59,388,815	4,952,003	1,055,830	Totals
109	97	101	102	104	99	102	99	Number of Libraries Responding
								NONUNIVERSITY LIBRARIES:
4,737,029	4,275	748	18,264	142,800	60,000	47,214	12,660	Median
37,951,402	4,973,818	35,659	128,330	5,111,624	18,527,069	3,055,376	874,080	Totals
9	8	8	7	6	7	7	8	Number of Libraries Responding
446,862,620	49,270,518	318,573	2,039,287	31,163,135	77,915,884	8,007,379	1,929,910	GRAND TOTALS:

ARL LIBRARY DATA TABLES 1995-96

EXPENDITURES

		Monographs	Current Serials	Other Library Materials	Misc. Materials	Total Library Materials	Contract Binding
(Survey Question #)		(16)	(17)	(18)	(19)	(20)	(21)
INSTITUTION	Notes						
ALABAMA	LM+	767,082	2,334,678	26,601	30,142	3,158,503	236,696
ALBERTA	BLM+	2,581,632	4,188,173	U/A	190,123	6,959,927	108,709
ARIZONA	bLM+	2,075,566	3,938,177	829,006	441,411	7,284,160	265,011
ARIZONA STATE	BL+	2,569,212	4,029,942	189,853	183,098	6,972,105	196,790
AUBURN	+	1,063,712	2,300,173	54,715	15,525	3,434,125	102,571
BOSTON	LM+	720,008	3,043,404	432,145	20,830	4,216,387	191,674
BRIGHAM YOUNG	+	2,004,248	2,469,518	151,584	0	4,625,350	193,559
BRITISH COLUMBIA	LM+	1,577,302	4,867,009	U/A	560,084	7,004,396	149,486
BROWN	+	1,593,226	2,572,912	U/A	90,000	4,256,138	209,730
CALIFORNIA, BERKELEY	L+	4,286,731	5,698,927	U/A	U/A	9,985,658	764,589
CALIFORNIA, DAVIS	bLM+	2,340,876	3,566,732	91,004	324,834	6,323,446	295,450
CALIFORNIA, IRVINE	M+	1,123,578	3,145,945	25,997	100,000	4,395,520	193,724
CALIFORNIA, LOS ANGELES	LM+	4,398,432	4,570,964	192,485	340,219	9,502,100	593,182
CALIFORNIA, RIVERSIDE	+	1,176,402	1,885,558	178,530	9,336	3,249,826	184,375
CALIFORNIA, SAN DIEGO	M+	1,720,588	3,672,321	264,722	60,860	5,718,491	311,480
CALIFORNIA, SANTA BARBARA	+	1,249,570	2,142,210	U/A	U/A	3,391,780	168,037
CASE WESTERN RESERVE	LM+	658,107	3,328,195	18,372	8,052	4,012,726	97,030
CHICAGO	bLM+	3,478,010	4,210,404	66,562	0	7,754,976	393,118
CINCINNATI	LM+	1,430,040	3,635,683	118,862	147,298	5,331,883	128,518
COLORADO	L+	1,937,682	4,129,536	914,722	582,325	7,564,265	192,130
COLORADO STATE	+	1,116,096	2,547,536	29,924	335,967	4,029,523	160,000
COLUMBIA	LM+	3,613,452	6,017,383	U/A	0	9,630,835	712,758
CONNECTICUT	BGLM+	660,693	3,522,638	476,898	103,110	4,763,339	302,060
CORNELL	BL+	3,144,674	4,989,490	827,663	198,002	9,159,829	188,776
DARTMOUTH	M+	1,343,680	2,655,370	337,631	0	4,336,681	208,201
DELAWARE	G+	1,923,623	2,860,075	U/A	0	4,783,698	115,404
DUKE	GLM+	2,774,272	4,873,710	338,310	37,224	8,023,516	246,362
EMORY	BLM+	2,725,579	3,749,567	199,326	423,250	7,097,722	187,291
FLORIDA	LM+	1,420,657	3,852,794	577,966	615,587	6,467,004	227,975
FLORIDA STATE	BGL+	1,113,724	3,095,972	2,093	173,413	4,385,202	219,425
GEORGETOWN	GLM+	1,647,707	3,744,791	367,163	84,722	5,844,383	220,494
GEORGIA	L	2,221,191	3,981,172	470,868	62,373	6,735,604	263,516
GEORGIA TECH	+	776,973	2,545,641	180,057	0	3,502,671	87,937
GUELPH	b+	601,001	1,611,864	U/A	64,652	2,277,516	74,842
HARVARD	LM+	6,735,483	6,926,565	2,152,506	21,356	15,835,910	952,411
HAWAII	+	249,168	2,622,242	170,162	0	3,041,572	173,552
HOUSTON	GL+	1,003,623	2,653,159	257,184	188,104	4,102,070	106,917
HOWARD	GLM+	478,084	2,375,327	135,522	742,433	3,731,366	81,794
ILLINOIS, CHICAGO	M+	1,240,417	3,955,649	52,917	0	5,248,983	132,339
ILLINOIS, URBANA	L+	2,446,576	4,671,760	75,992	594,205	7,788,533	327,705

+ - See Footnotes
L - Includes Law Library
M - Includes Medical Library

G - Government Documents Not Included in Serials Count
B - Includes Branch Campuses
b - Bibliographic Count

U/A - Unavailable
N/A - Not Applicable

ARL LIBRARY DATA TABLES 1995-96

EXPENDITURES

Salaries & Wages Professional Staff	Salaries & Wages Support Staff	Salaries & Wages Student Assistants	Total Salaries & Wages	Other Operating Expenditures	Total Library Expenditures	(Survey Question #)
(22)	(23)	(24)	(25)	(26)	(27)	INSTITUTION
2,043,233	1,373,249	492,140	3,908,622	1,235,313	8,539,134	ALABAMA
3,046,404	4,887,643	477,102	8,411,149	2,143,093	17,622,878	ALBERTA
3,731,664	3,485,339	881,852	8,098,855	3,104,861	18,752,887	ARIZONA
3,827,190	3,950,708	758,363	8,536,261	3,450,124	19,155,280	ARIZONA STATE
1,970,636	1,340,283	304,927	3,615,846	1,119,812	8,272,354	AUBURN
2,700,171	2,848,154	405,715	5,954,040	1,976,105	12,338,206	BOSTON
3,967,029	995,637	1,510,560	6,473,226	1,693,546	12,985,681	BRIGHAM YOUNG
4,281,466	5,218,915	1,031,484	10,531,865	2,366,921	20,052,667	BRITISH COLUMBIA
3,245,069	2,457,994	387,329	6,090,392	2,758,496	13,314,756	BROWN
U/A	U/A	U/A	19,015,914	4,527,273	34,293,434	CALIFORNIA, BERKELEY
3,021,792	4,792,095	631,273	8,445,160	1,091,604	16,155,660	CALIFORNIA, DAVIS
3,058,294	3,350,387	1,075,254	7,483,935	1,797,199	13,870,378	CALIFORNIA, IRVINE
5,683,604	10,118,148	2,778,408	18,580,160	8,709,495	37,384,937	CALIFORNIA, LOS ANGELES
1,747,330	1,885,160	575,606	4,208,096	658,342	8,300,639	CALIFORNIA, RIVERSIDE
3,494,382	4,746,028	1,182,054	9,422,464	2,413,160	17,865,595	CALIFORNIA, SAN DIEGO
2,605,077	3,778,187	812,782	7,196,046	1,736,729	12,492,592	CALIFORNIA, SANTA BARBARA
2,624,934	1,561,012	396,380	4,582,326	1,130,371	9,822,453	CASE WESTERN RESERVE
3,249,995	4,726,323	1,077,840	9,054,158	3,704,724	20,906,976	CHICAGO
2,604,551	3,122,144	745,711	6,472,406	1,684,045	13,616,852	CINCINNATI
2,405,998	3,482,436	772,984	6,661,418	1,158,968	15,576,781	COLORADO
1,486,273	1,868,807	613,265	3,968,345	1,388,244	9,546,112	COLORADO STATE
7,734,655	6,264,204	1,283,681	15,282,540	3,291,050	28,917,183	COLUMBIA
3,540,068	3,715,535	775,193	8,030,796	2,586,089	15,682,284	CONNECTICUT
7,112,097	5,144,438	1,285,140	13,541,675	4,712,754	27,603,034	CORNELL
2,157,774	2,440,732	332,251	4,930,757	1,516,101	10,991,740	DARTMOUTH
2,273,417	2,363,320	405,486	5,042,223	1,210,539	11,151,864	DELAWARE
4,792,442	3,917,636	558,360	9,268,438	4,204,340	21,742,656	DUKE
3,383,993	3,201,530	673,282	7,258,805	3,622,076	18,165,894	EMORY
3,934,940	3,732,470	721,668	8,389,078	1,756,541	16,840,598	FLORIDA
1,942,467	1,821,764	471,795	4,236,026	788,583	9,629,236	FLORIDA STATE
3,589,891	3,483,925	628,393	7,702,209	2,368,610	16,135,696	GEORGETOWN
3,144,556	3,574,761	743,990	7,463,307	1,662,876	16,125,303	GEORGIA
1,939,329	1,124,823	65,653	3,129,805	1,016,553	7,736,966	GEORGIA TECH
1,096,956	2,359,383	109,326	3,565,665	729,271	6,647,294	GUELPH
19,070,961	14,766,623	1,223,873	35,061,457	15,421,479	67,271,257	HARVARD
2,622,040	2,424,005	901,951	5,947,996	883,667	10,046,787	HAWAII
1,914,777	1,377,360	814,151	4,106,288	2,170,151	10,485,426	HOUSTON
2,002,081	2,064,971	199,502	4,266,554	1,175,102	9,254,816	HOWARD
3,165,921	3,489,128	441,314	7,096,363	1,608,213	14,085,898	ILLINOIS, CHICAGO
6,087,730	5,336,830	1,130,968	12,555,528	3,263,017	23,934,783	ILLINOIS, URBANA

U/A - Unavailable

N/A - Not Applicable

ARL LIBRARY DATA TABLES 1995-96

EXPENDITURES

		Monographs	Current Serials	Other Library Materials	Misc. Materials	Total Library Materials	Contract Binding
(Survey Question #)		(16)	(17)	(18)	(19)	(20)	(21)
INSTITUTION	Notes						
INDIANA	L+	2,537,587	3,795,162	1,228,476	416,686	7,977,911	324,296
IOWA	LM+	1,915,660	3,393,307	807,484	229,032	6,345,483	191,621
IOWA STATE	+	1,311,117	3,298,860	227,423	204,711	5,042,111	162,895
JOHNS HOPKINS	BM+	2,035,885	3,742,248	1,569,580	307,703	7,655,416	135,535
KANSAS	BLM+	1,724,828	3,250,221	73,333	207,965	5,256,347	195,963
KENT STATE	B+	782,758	1,957,190	85,053	39,560	2,864,561	127,770
KENTUCKY	LM+	888,816	3,571,754	66,890	364,585	4,892,045	151,199
LAVAL	LM+	901,354	3,416,727	329,680	23,669	4,671,430	17,153
LOUISIANA STATE	L+	852,706	2,505,673	U/A	U/A	3,358,379	98,973
MCGILL	bLM+	1,530,766	2,674,094	401,491	217,229	4,823,580	195,416
MCMASTER	M+	779,400	2,741,314	24,077	17,109	3,561,900	90,912
MANITOBA	GLM+	696,883	1,827,275	U/A	50,910	2,575,068	101,376
MARYLAND	+	1,922,149	3,154,953	222,856	33,392	5,333,350	186,195
MASSACHUSETTS	+	1,185,661	2,682,027	240,405	0	4,108,093	123,006
MIT	+	769,102	2,686,360	U/A	182,143	3,637,605	182,938
MIAMI	LM+	1,043,452	4,023,185	176,864	114,271	5,357,772	135,803
MICHIGAN	LM+	4,352,773	7,429,048	129,633	660,761	12,572,215	335,466
MICHIGAN STATE	+	1,740,983	3,676,208	U/A	114,264	5,531,455	281,710
MINNESOTA	bLM+	2,353,557	5,532,887	760,229	143,111	8,789,784	411,360
MISSOURI	LM+	1,769,499	3,356,983	U/A	U/A	5,126,482	130,184
NEBRASKA	L+	905,579	3,778,191	206,296	36,484	4,926,550	165,388
NEW MEXICO	bLM+	1,383,344	2,889,660	200,739	89,929	4,563,672	179,925
NEW YORK	LM+	2,800,572	3,996,291	410,546	68,812	7,276,221	638,931
NORTH CAROLINA	LM+	2,487,381	4,633,027	1,070,109	423,819	8,614,336	267,894
NORTH CAROLINA STATE	+	1,737,901	2,703,947	1,017,555	221,845	5,681,248	118,981
NORTHWESTERN	LM+	1,882,871	3,801,325	261,800	525,395	6,471,391	185,313
NOTRE DAME	L+	1,921,252	2,740,978	539,237	817,274	6,018,741	130,697
OHIO	BM+	1,050,229	2,479,478	60,564	45,931	3,636,202	87,043
OHIO STATE	bLM+	2,477,200	5,423,126	U/A	U/A	7,900,326	246,311
OKLAHOMA	LM+	690,324	3,144,795	101,237	181,893	4,118,249	97,004
OKLAHOMA STATE	BM+	686,219	2,695,379	76,026	30,743	3,488,367	106,888
OREGON	L+	1,373,363	2,891,599	U/A	583,305	4,848,267	141,299
PENNSYLVANIA	LM+	2,708,593	4,273,724	1,032,759	0	8,015,076	297,781
PENNSYLVANIA STATE	B+	2,610,151	4,614,866	820,619	0	8,045,636	476,401
PITTSBURGH	BLM+	2,287,475	4,358,926	391,255	472,511	7,510,167	321,010
PRINCETON	+	4,478,534	3,652,629	U/A	1,651,050	9,782,213	534,987
PURDUE	bG+	956,311	3,927,457	U/A	0	4,883,768	109,597
QUEEN'S	bGLM+	1,060,851	2,790,118	29,334	0	3,880,303	109,594
RICE	b+	1,722,081	2,451,168	390,582	146,720	4,710,551	55,300
ROCHESTER	M+	1,053,683	2,800,553	93,304	205,672	4,153,212	93,865

+ - See Footnotes
L - Includes Law Library
M- Includes Medical Library

G - Government Documents Not Included in Serials Count
B - Includes Branch Campuses
b - Bibliographic Count

U/A - Unavailable
N/A - Not Applicable

ARL LIBRARY DATA TABLES 1995-96

EXPENDITURES

Salaries & Wages Professional Staff	Salaries & Wages Support Staff	Salaries & Wages Student Assistants	Total Salaries & Wages	Other Operating Expenditures	Total Library Expenditures	(Survey Question #)
(22)	(23)	(24)	(25)	(26)	(27)	INSTITUTION
5,403,503	3,955,449	1,631,695	10,990,647	3,672,269	22,965,123	INDIANA
4,313,079	3,111,882	868,611	8,293,572	2,592,852	17,423,528	IOWA
2,194,791	3,101,048	511,305	5,807,144	2,405,734	13,417,884	IOWA STATE
3,445,561	4,119,214	512,810	8,077,585	3,475,450	19,343,986	JOHNS HOPKINS
3,250,469	2,516,851	916,836	6,684,156	2,504,230	14,640,696	KANSAS
2,194,949	2,297,127	560,159	5,052,235	1,668,191	9,712,757	KENT STATE
3,851,176	2,093,350	1,263,493	7,208,019	2,830,243	15,081,506	KENTUCKY
2,879,662	3,978,383	81,916	6,939,961	653,332	12,281,877	LAVAL
1,923,326	1,914,235	542,236	4,379,797	922,856	8,760,005	LOUISIANA STATE
3,294,793	3,937,151	414,480	7,646,423	817,311	13,482,730	MCGILL
1,476,962	2,930,505	219,025	4,626,493	445,760	8,725,065	MCMASTER
2,074,716	2,913,491	428,510	5,416,716	834,092	8,927,252	MANITOBA
3,717,490	3,140,170	998,997	7,856,657	2,343,461	15,719,663	MARYLAND
2,634,196	2,316,383	672,044	5,622,623	916,027	10,769,749	MASSACHUSETTS
3,061,586	2,787,107	319,601	6,168,294	1,565,277	11,554,114	MIT
2,765,906	2,500,039	530,039	5,795,984	2,091,314	13,380,873	MIAMI
9,478,477	3,434,369	1,647,071	14,559,917	5,634,231	33,101,829	MICHIGAN
2,432,726	3,285,178	1,480,137	7,198,041	2,018,360	15,029,566	MICHIGAN STATE
4,799,186	5,579,005	2,285,190	12,663,381	4,831,491	26,696,016	MINNESOTA
2,232,290	2,160,934	484,676	4,877,900	2,333,895	12,468,461	MISSOURI
2,135,195	2,176,586	461,442	4,773,223	1,020,652	10,885,813	NEBRASKA
3,390,736	3,924,776	1,274,910	8,590,422	3,486,213	16,820,232	NEW MEXICO
5,808,105	4,815,597	1,281,991	11,905,693	3,026,657	22,847,502	NEW YORK
5,036,395	4,465,310	753,729	10,255,434	2,893,266	22,030,930	NORTH CAROLINA
2,427,643	2,400,536	623,514	5,451,693	2,276,253	13,528,175	NORTH CAROLINA STATE
4,429,793	3,088,884	893,161	8,411,838	2,203,757	17,272,299	NORTHWESTERN
2,196,243	2,845,131	368,258	5,409,632	1,377,130	12,936,200	NOTRE DAME
2,130,007	1,813,934	427,957	4,371,898	2,987,083	11,082,226	OHIO
4,436,590	4,106,566	1,291,296	9,834,452	2,752,809	20,733,898	OHIO STATE
1,937,507	1,175,543	552,605	3,665,655	1,181,132	9,062,040	OKLAHOMA
1,759,938	908,651	432,838	3,101,427	1,647,995	8,344,677	OKLAHOMA STATE
2,082,393	2,054,527	860,579	4,997,499	1,131,254	11,118,319	OREGON
4,854,007	5,125,253	944,525	10,923,785	5,005,224	24,241,866	PENNSYLVANIA
3,944,508	8,093,885	803,317	12,841,710	2,675,440	24,039,187	PENNSYLVANIA STATE
3,997,180	4,261,131	853,068	9,111,379	2,424,195	19,366,751	PITTSBURGH
6,085,534	5,845,177	579,927	12,510,638	2,449,203	25,277,041	PRINCETON
2,496,788	2,383,897	571,632	5,452,317	1,497,411	11,943,093	PURDUE
1,611,959	3,179,096	234,580	5,025,636	755,404	9,770,937	QUEEN'S
1,527,682	1,369,065	156,060	3,052,807	960,066	8,778,724	RICE
2,653,345	1,610,806	361,594	4,625,745	1,288,315	10,161,137	ROCHESTER

U/A - Unavailable

N/A - Not Applicable

ARL LIBRARY DATA TABLES 1995-96

EXPENDITURES

		Monographs	Current Serials	Other Library Materials	Misc. Materials	Total Library Materials	Contract Binding
(Survey Question #)		(16)	(17)	(18)	(19)	(20)	(21)
INSTITUTION	Notes						
RUTGERS	BL+	1,639,607	3,984,669	756,708	818,802	7,199,786	251,279
SASKATCHEWAN	LM+	972,246	3,091,624	U/A	104,755	4,168,626	64,197
SOUTH CAROLINA	LM+	1,444,015	2,986,011	162,489	109,263	4,701,778	188,556
SOUTHERN CALIFORNIA	bBLM+	1,972,213	4,571,562	414,720	0	6,958,495	249,427
SOUTHERN ILLINOIS	GL+	706,481	3,206,095	159,421	712,992	4,784,989	178,037
STANFORD	GLM+	7,336,415	6,251,297	U/A	U/A	13,587,712	594,828
SUNY-ALBANY	B+	795,480	1,987,666	201,674	190,318	3,175,138	79,848
SUNY-BUFFALO	GLM+	1,024,859	3,021,069	415,628	191,790	4,653,346	149,123
SUNY-STONY BROOK	M+	699,390	2,686,717	160,046	355,552	3,901,705	84,000
SYRACUSE	bBL+	685,086	2,471,841	139,819	244,708	3,541,454	85,504
TEMPLE	BLM+	1,132,154	3,384,928	138,816	53,500	4,709,398	158,508
TENNESSEE	L+	1,273,088	3,563,793	82,690	55,782	4,975,353	129,584
TEXAS	L+	2,265,511	3,996,248	827,914	38,942	7,128,615	183,034
TEXAS A&M	bBM+	1,826,079	3,264,894	421,813	649,820	6,162,606	144,086
TORONTO	LM+	4,533,608	5,529,903	U/A	U/A	10,063,511	288,923
TULANE	GLM+	1,287,055	2,502,336	189,625	364,538	4,343,554	88,922
UTAH	LM+	1,927,772	3,616,895	20,442	60,730	5,625,839	198,682
VANDERBILT	GLM+	1,314,645	3,607,899	351,292	0	5,273,836	195,037
VIRGINIA	LM+	2,733,676	3,534,894	1,232,984	165,932	7,667,486	322,785
VPI & SU	+	1,015,318	3,185,667	528,392	458,891	5,188,268	174,651
WASHINGTON	LM+	2,197,434	6,930,663	U/A	U/A	9,128,097	224,885
WASHINGTON STATE	+	821,364	2,687,409	41,761	29,209	3,579,743	96,950
WASHINGTON U.-ST. LOUIS	GLM+	1,315,720	3,882,510	171,313	978,617	6,348,160	103,555
WATERLOO	+	877,793	2,172,314	U/A	302,745	3,352,852	62,548
WAYNE STATE	bLM+	1,305,299	3,304,123	U/A	345,398	4,954,820	122,834
WESTERN ONTARIO	L+	1,183,492	3,207,713	U/A	0	4,391,205	140,365
WISCONSIN	LM+	2,407,929	4,695,634	937,110	0	8,040,673	196,799
YALE	GLM	3,544,000	5,166,000	4,643,000	U/A	13,353,000	451,000
YORK	BL+	1,177,014	2,118,706	338,786	209,417	3,843,924	150,370
BOSTON PUBLIC LIBRARY	+	5,522,931	938,704	296,994	0	6,758,629	54,942
CANADA INST. FOR SCITECH.	B+	480,317	5,708,060	144,862	0	6,333,239	0
CENTER FOR RESEARCH LIBS.	bG+	45,523	291,616	618,909	15,694	971,742	0
LIBRARY OF CONGRESS	L+	2,532,554	2,348,811	1,693,083	218,050	6,792,498	1,538,230
LINDA HALL LIBRARY	+	190,328	1,881,435	42,532	0	2,114,295	66,400
NATL. AGRICULTURAL LIB.	b+	290,863	2,169,640	U/A	0	2,460,503	64,258
NATL. LIBRARY OF CANADA	+	470,933	507,653	600,890	43,414	1,622,890	99,398
NATL. LIBRARY OF MEDICINE	M+	922,321	3,949,431	190,319	U/A	5,062,071	140,000
NEW YORK PUBLIC LIBRARY	G+	4,519,898	3,598,680	1,419,915	0	9,538,493	428,444
NEW YORK STATE LIBRARY	LM	417,628	1,526,344	U/A	0	1,943,972	39,969
SMITHSONIAN INSTITUTION	BG+	309,835	900,658	75,160	154,332	1,439,985	47,683

+ - See Footnotes

L - Includes Law Library

M- Includes Medical Library

G - Government Documents Not Included in Serials Count

B - Includes Branch Campuses

b - Bibliographic Count

U/A - Unavailable

N/A - Not Applicable

ARL LIBRARY DATA TABLES 1995-96

EXPENDITURES

Salaries & Wages Professional Staff	Salaries & Wages Support Staff	Salaries & Wages Student Assistants	Total Salaries & Wages	Other Operating Expenditures	Total Library Expenditures	(Survey Question #)
(22)	(23)	(24)	(25)	(26)	(27)	INSTITUTION
6,666,698	7,262,564	1,307,323	15,236,585	1,806,413	24,494,063	RUTGERS
1,435,688	2,355,230	149,522	3,940,440	597,921	8,771,183	SASKATCHEWAN
2,865,557	2,382,923	565,837	5,814,317	2,750,420	13,455,071	SOUTH CAROLINA
5,349,348	3,666,479	1,263,821	10,279,648	3,073,031	20,560,601	SOUTHERN CALIFORNIA
2,188,737	1,867,467	850,772	4,906,976	687,989	10,557,991	SOUTHERN ILLINOIS
9,556,680	9,217,493	1,859,520	20,633,693	7,608,201	42,424,434	STANFORD
1,827,784	1,694,294	435,983	3,958,061	1,014,566	8,227,613	SUNY-ALBANY
4,114,920	2,105,343	615,770	6,836,033	1,944,721	13,583,223	SUNY-BUFFALO
2,444,138	2,296,211	539,798	5,280,147	874,437	10,140,289	SUNY-STONY BROOK
2,511,774	2,002,093	345,261	4,859,128	1,671,897	10,157,983	SYRACUSE
2,775,206	2,074,231	462,836	5,312,273	1,405,945	11,586,124	TEMPLE
2,805,369	2,564,248	586,374	5,955,991	1,566,744	12,627,672	TENNESSEE
5,386,843	5,958,160	1,032,809	12,377,812	3,118,784	22,808,245	TEXAS
3,211,949	2,714,979	850,757	6,777,685	3,330,173	16,414,550	TEXAS A&M
6,949,182	10,124,837	1,615,119	18,689,138	1,545,661	30,587,234	TORONTO
2,010,692	1,672,567	438,612	4,121,871	1,004,658	9,559,005	TULANE
2,629,427	2,965,571	885,274	6,480,272	2,672,761	14,977,554	UTAH
3,193,188	2,760,586	352,925	6,306,699	2,512,408	14,287,980	VANDERBILT
4,092,961	4,194,882	787,548	9,075,391	2,828,034	19,893,696	VIRGINIA
1,537,786	1,999,896	475,087	4,012,769	1,605,782	10,981,470	VPI & SU
5,810,937	5,754,047	1,680,363	13,245,347	2,052,632	24,650,961	WASHINGTON
1,517,030	2,543,953	504,301	4,565,284	1,326,524	9,568,501	WASHINGTON STATE
3,853,494	2,737,870	493,058	7,084,422	2,788,501	16,324,638	WASHINGTON U.-ST. LOUIS
1,712,542	2,839,290	279,321	4,831,153	621,277	8,867,830	WATERLOO
3,208,425	2,495,943	962,255	6,666,623	2,156,298	13,900,575	WAYNE STATE
U/A	U/A	U/A	6,037,334	1,433,496	12,002,400	WESTERN ONTARIO
6,729,011	5,946,270	1,849,165	14,524,446	5,241,325	28,003,243	WISCONSIN
9,073,000	6,991,600	909,400	16,974,000	7,171,600	37,949,600	YALE
2,444,608	3,137,727	630,730	6,213,065	4,142,962	14,350,322	YORK
U/A	U/A	U/A	18,956,459	6,173,993	31,944,023	BOSTON PUBLIC LIBRARY
4,921,167	3,047,168	0	7,968,335	8,237,203	22,538,777	CANADA INST. FOR SCITECH.
U/A	U/A	U/A	1,598,320	675,118	3,245,180	CENTER FOR RESEARCH LIBS.
U/A	U/A	U/A	206,248,783	61,212,956	275,792,467	LIBRARY OF CONGRESS
946,005	733,340	0	1,679,345	631,599	4,491,639	LINDA HALL LIBRARY
5,391,040	2,254,864	79,000	7,724,904	7,135,456	17,385,121	NATL. AGRICULTURAL LIB.
8,345,820	6,371,847	158,365	14,876,032	8,203,754	24,802,074	NATL. LIBRARY OF CANADA
8,828,511	2,490,749	313,825	11,633,085	10,653,000	27,488,156	NATL. LIBRARY OF MEDICINE
U/A	U/A	1,265,941	21,736,717	9,973,358	41,677,012	NEW YORK PUBLIC LIBRARY
U/A	U/A	U/A	6,412,817	1,109,536	9,506,294	NEW YORK STATE LIBRARY
U/A	U/A	25,000	4,100,330	404,403	5,992,401	SMITHSONIAN INSTITUTION

U/A - Unavailable

N/A - Not Applicable

ARL LIBRARY DATA TABLES 1995-96

SUMMARY DATA: EXPENDITURES

	Monographs	Current Serials	Other Library Materials	Misc. Materials	Total Library Materials	Contract Binding
(Survey Question #)	(16)	(17)	(18)	(19)	(20)	(21)
<hr/>						
UNIVERSITY LIBRARIES:						
Median	1,430,040	3,384,928	206,296	128,691	5,126,482	182,938
High	7,336,415	7,429,048	4,643,000	1,651,050	15,835,910	952,411
Low	249,168	1,611,864	2,093	0	2,277,516	17,153
Totals	194,772,269	386,356,960	35,589,222	22,018,720	638,737,171	23,267,915
Number of Libraries Responding	109	109	85	100	109	109
 NONUNIVERSITY LIBRARIES:						
Median	470,933	1,881,435	296,994	0	2,460,503	64,258
Totals	15,703,131	23,821,032	5,082,663	431,490	45,038,317	2,479,324
Number of Libraries Responding	11	11	9	10	11	11
 GRAND TOTALS:						
	210,475,400	410,177,992	40,671,885	22,450,211	683,775,488	25,747,239

ARL LIBRARY DATA TABLES 1995-96

SUMMARY DATA: EXPENDITURES

Salaries & Wages Professional Staff	Salaries & Wages Support Staff	Salaries & Wages Student Assistants	Total Salaries & Wages	Other Operating Expenditures	Total Library Expenditures	(Survey Question #)
(22)	(23)	(24)	(25)	(26)	(27)	
						UNIVERSITY LIBRARIES:
3,046,404	2,965,571	630,730	6,666,623	2,018,360	13,870,378	Median
19,070,961	14,766,623	2,778,408	35,061,457	15,421,479	67,271,257	High
1,096,956	908,651	65,653	3,052,807	445,760	6,647,294	Low
382,570,555	374,635,063	82,502,360	864,761,227	261,986,432	1,788,752,745	Totals
107	107	107	109	109	109	Number of Libraries Responding
						NONUNIVERSITY LIBRARIES:
5,391,040	2,490,749	79,000	7,968,335	7,135,456	22,538,777	Median
28,432,543	14,897,969	1,842,131	302,935,128	114,410,376	464,863,144	Totals
5	5	7	11	11	11	Number of Libraries Responding
411,003,099	389,533,032	84,344,491	1,167,696,355	376,396,809	2,253,615,890	GRAND TOTALS:

ARL LIBRARY DATA TABLES 1995-96

PERSONNEL AND PUBLIC SERVICES

(Survey Question #)		Professional Staff (FTE)	Support Staff (FTE)	Student Assistants (FTE)	Total Staff (FTE)	Library Presentations to Groups *	Participants in Group Presentations *
		(28)	(29)	(30)	(31)	(32)	(33)
INSTITUTION	Notes						
ALABAMA	LM+	56	77	55	188	339	5,391
ALBERTA	BLM+	63	218	45	326	U/A	U/A
ARIZONA	LM+	92	181	94	367	1,503	22,786
ARIZONA STATE	BL+	99	196	66	361	873	13,785
AUBURN	+	49	86	42	177	529	11,371
BOSTON	LM+	63	132	58	253	584	5,943
BRIGHAM YOUNG	+	101	53	140	294	2,149	28,065
BRITISH COLUMBIA	LM+	104	240	57	401	1,835	16,745
BROWN	+	80	100	59	239	127	U/A
CALIFORNIA, BERKELEY	L+	177	253	226	656	3,109	19,785
CALIFORNIA, DAVIS	LM+	53	181	61	295	458	5,829
CALIFORNIA, IRVINE	M+	52	117	77	246	844	12,322
CALIFORNIA, LOS ANGELES	LM+	128	310	206	644	2,435	14,027
CALIFORNIA, RIVERSIDE	+	43	81	50	174	382	4,460
CALIFORNIA, SAN DIEGO	M+	72	175	82	329	1,726	8,371
CALIFORNIA, SANTA BARBARA	+	50	135	65	250	U/A	U/A
CASE WESTERN RESERVE	LM+	67	77	43	187	502	4,132
CHICAGO	LM+	72	187	75	334	681	6,805
CINCINNATI	LM+	76	111	87	274	1,223	14,335
COLORADO	L+	62	126	66	254	U/A	18,782
COLORADO STATE	+	36	81	60	177	320	4,652
COLUMBIA	LM+	177	266	112	555	1,037	8,449
CONNECTICUT	BLM+	67	98	75	240	853	7,747
CORNELL	BL+	130	296	154	580	1,269	15,403
DARTMOUTH	M+	50	105	28	183	U/A	U/A
DELAWARE	+	54	113	56	223	323	8,804
DUKE	LM+	104	173	51	328	1,330	9,735
EMORY	BLM+	82	149	50	281	316	3,700
FLORIDA	LM+	108	204	78	390	600	9,929
FLORIDA STATE	BL+	56	124	60	240	494	6,224
GEORGETOWN	LM+	80	122	58	260	817	8,662
GEORGIA	L	85	194	85	364	405	6,437
GEORGIA TECH	+	50	61	6	117	206	4,113
GUELPH	+	23	95	9	127	189	3,468
HARVARD	LM+	404	587	134	1,125	U/A	U/A
HAWAII	+	53	88	66	207	122	2,431
HOUSTON	L+	46	97	72	215	316	7,543
HOWARD	LM+	45	92	12	149	159	3,322
ILLINOIS, CHICAGO	M+	80	163	40	283	774	11,003
ILLINOIS, URBANA	L+	160	246	125	531	1,196	25,129

+ - See Footnotes

L - Includes Law Library

M- Includes Medical Library

B - Includes Branch Campuses

N/A - Not Applicable

* - Figures in italics are derived from a sampling method rather than an actual annual count.

U/A - Unavailable

ARL LIBRARY DATA TABLES

PERSONNEL AND PUBLIC SERVICES

Reference Transactions *	Initial Circulation Transactions	Total Circulation Transactions	Reserve Circulation Transactions	Total Items Loaned (ILL)	Total Items Borrowed (ILL/DD)	(Survey Question #)
(34)	(35)	(36)	(37)	(38)	(39)	INSTITUTION
117,826	263,568	324,003	140,827	12,709	10,400	ALABAMA
392,475	U/A	1,042,259	152,047	72,627	26,872	ALBERTA
146,590	612,580	1,100,987	149,588	30,790	18,141	ARIZONA
314,883	511,229	1,040,708	160,960	22,676	20,851	ARIZONA STATE
134,360	401,663	455,426	46,317	23,219	5,360	AUBURN
97,500	311,411	444,169	182,989	15,525	16,919	BOSTON
499,490	646,693	749,321	57,136	25,670	20,883	BRIGHAM YOUNG
274,544	U/A	4,504,292	286,915	47,685	18,150	BRITISH COLUMBIA
82,180	240,123	270,299	105,032	12,988	15,484	BROWN
210,050	1,062,175	1,267,448	170,843	56,195	20,543	CALIFORNIA, BERKELEY
192,171	U/A	561,987	156,864	48,946	15,278	CALIFORNIA, DAVIS
157,275	323,868	498,615	88,911	24,418	26,914	CALIFORNIA, IRVINE
535,236	U/A	2,046,640	275,641	90,941	17,291	CALIFORNIA, LOS ANGELES
46,616	U/A	272,444	97,762	11,791	17,618	CALIFORNIA, RIVERSIDE
217,461	449,321	570,919	108,623	28,131	30,239	CALIFORNIA, SAN DIEGO
U/A	441,371	632,925	191,554	20,256	20,751	CALIFORNIA, SANTA BARBARA
90,305	129,790	162,621	49,044	63,693	30,424	CASE WESTERN RESERVE
66,339	471,996	741,261	330,499	41,164	21,376	CHICAGO
167,544	661,845	887,910	129,977	61,575	43,623	CINCINNATI
202,385	592,654	834,605	U/A	32,700	14,177	COLORADO
165,740	340,636	519,687	97,445	29,731	22,416	COLORADO STATE
154,167	508,217	723,943	355,127	32,019	19,756	COLUMBIA
81,042	U/A	315,548	115,385	41,206	21,308	CONNECTICUT
195,014	U/A	1,158,379	U/A	17,045	13,591	CORNELL
U/A	226,720	288,594	155,587	14,473	14,773	DARTMOUTH
214,802	U/A	466,246	131,556	12,880	12,756	DELAWARE
199,148	347,580	482,940	96,618	58,656	13,831	DUKE
69,514	265,384	359,927	108,044	25,667	10,191	EMORY
250,697	U/A	1,684,817	178,959	44,758	12,616	FLORIDA
279,093	376,727	461,034	100,090	38,410	13,503	FLORIDA STATE
141,965	257,856	373,926	135,480	13,094	10,120	GEORGETOWN
171,417	U/A	520,819	118,733	32,581	9,810	GEORGIA
130,584	82,049	276,350	61,791	12,130	3,009	GEORGIA TECH
66,589	U/A	349,120	196,332	4,538	7,805	GUELPH
U/A	U/A	1,674,061	U/A	71,365	19,563	HARVARD
165,768	492,503	558,501	28,252	17,643	6,049	HAWAII
241,064	256,269	354,918	56,591	27,142	18,569	HOUSTON
101,871	U/A	183,494	U/A	3,870	2,502	HOWARD
165,012	313,457	507,772	82,170	104,117	81,478	ILLINOIS, CHICAGO
444,306	U/A	1,570,471	392,566	62,267	53,066	ILLINOIS, URBANA

U/A - Unavailable

N/A - Not Applicable

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ARL LIBRARY DATA TABLES 1995-96

PERSONNEL AND PUBLIC SERVICES

(Survey Question #)		Professional Staff (FTE)	Support Staff (FTE)	Student Assistants (FTE)	Total Staff (FTE)	Library Presentations to Groups *	Participants in Group Presentations *
		(28)	(29)	(30)	(31)	(32)	(33)
INSTITUTION	Notes						
INDIANA	L+	137	197	140	474	11,050	25,125
IOWA	LM+	102	125	82	309	636	9,535
IOWA STATE	+	52	116	57	225	1,067	8,050
JOHNS HOPKINS	BM+	87	181	43	311	861	5,995
KANSAS	BLM+	88	111	97	296	U/A	U/A
KENT STATE	B+	53	91	80	224	725	12,339
KENTUCKY	LM+	100	113	119	332	805	11,881
LAVAL	LM+	67	185	1	253	951	6,045
LOUISIANA STATE	L+	52	112	58	222	623	11,711
MCGILL	LM+	76	186	50	312	743	9,686
MCMASTER	M+	36	131	19	186	425	4,376
MANITOBA	LM+	51	128	18	197	742	7,534
MARYLAND	+	85	126	105	316	626	12,003
MASSACHUSETTS	+	51	89	45	185	362	6,107
MIT	+	83	111	26	220	201	3,617
MIAMI	LM+	71	130	50	251	633	7,804
MICHIGAN	LM+	149	299	205	653	1,912	13,367
MICHIGAN STATE	+	64	111	108	283	281	4,810
MINNESOTA	LM+	104	192	150	446	668	13,450
MISSOURI	LM+	59	137	50	246	615	6,194
NEBRASKA	L+	52	118	46	216	801	10,731
NEW MEXICO	LM+	88	170	101	359	1,924	14,746
NEW YORK	LM+	143	185	142	470	801	14,484
NORTH CAROLINA	LM+	120	207	96	423	1,190	15,704
NORTH CAROLINA STATE	+	66	121	67	254	315	4,488
NORTHWESTERN	LM+	107	135	131	373	765	9,126
NOTRE DAME	L+	49	150	28	227	1,037	16,215
OHIO	BM+	60	77	72	209	895	16,119
OHIO STATE	LM+	101	179	140	420	853	32,696
OKLAHOMA	LM+	51	75	55	181	617	9,788
OKLAHOMA STATE	BM+	51	65	64	180	1,232	17,203
OREGON	L+	54	92	74	220	U/A	U/A
PENNSYLVANIA	LM+	107	183	89	379	953	10,263
PENNSYLVANIA STATE	B+	116	331	89	536	2,695	41,814
PITTSBURGH	BLM+	108	210	107	425	1,418	22,011
PRINCETON	+	118	206	56	380	U/A	U/A
PURDUE	+	65	145	57	267	515	10,832
QUEEN'S	LM+	44	137	22	203	712	9,365
RICE	+	44	60	12	116	232	4,091
ROCHESTER	M+	77	81	52	210	753	5,674

+ - See Footnotes
L - Includes Law Library
M - Includes Medical Library

B - Includes Branch Campuses
N/A - Not Applicable

U/A - Unavailable

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ARL LIBRARY DATA TABLES

PERSONNEL AND PUBLIC SERVICES

Reference Transactions *	Initial Circulation Transactions	Total Circulation Transactions	Reserve Circulation Transactions	Total Items Loaned (ILL)	Total Items Borrowed (ILL/DD)	(Survey Question #)
(34)	(35)	(36)	(37)	(38)	(39)	INSTITUTION
490,890	1,290,099	1,536,721	U/A	61,005	29,086	INDIANA
102,976	U/A	662,375	111,955	53,947	19,991	IOWA
73,860	513,882	556,658	121,448	24,564	14,161	IOWA STATE
117,545	255,835	587,425	215,143	23,229	20,714	JOHNS HOPKINS
U/A	U/A	1,357,564	U/A	43,601	23,546	KANSAS
111,207	270,098	349,711	83,391	18,423	26,415	KENT STATE
230,978	323,524	377,712	177,316	31,711	21,914	KENTUCKY
200,964	535,072	884,708	83,800	24,515	14,134	LAVAL
182,197	365,944	468,358	104,562	15,436	14,124	LOUISIANA STATE
230,902	706,785	933,625	371,584	18,440	10,331	MCGILL
78,022	380,708	464,220	382,612	20,702	14,260	MCMASTER
81,814	U/A	738,354	U/A	20,828	10,949	MANITOBA
318,789	U/A	766,851	215,891	26,173	13,908	MARYLAND
134,631	319,963	415,586	171,328	16,966	9,998	MASSACHUSETTS
107,121	482,906	633,078	78,669	23,073	8,823	MIT
162,433	209,397	330,310	148,262	39,507	14,325	MIAMI
293,922	658,997	961,864	197,911	61,028	26,399	MICHIGAN
U/A	U/A	574,029	102,355	27,939	14,101	MICHIGAN STATE
262,756	740,567	1,020,273	262,985	246,800	15,279	MINNESOTA
116,937	U/A	384,046	116,664	37,815	16,777	MISSOURI
118,211	282,676	568,746	63,867	13,771	17,734	NEBRASKA
206,725	476,910	688,473	278,659	28,240	22,947	NEW MEXICO
314,208	839,739	U/A	172,044	20,768	21,222	NEW YORK
274,904	U/A	1,666,180	158,081	46,894	9,304	NORTH CAROLINA
133,424	392,581	461,860	52,270	19,771	6,966	NORTH CAROLINA STATE
86,305	303,876	343,208	93,591	26,995	24,132	NORTHWESTERN
75,591	298,795	366,305	73,848	18,585	11,377	NOTRE DAME
259,882	U/A	408,918	225,339	48,024	41,853	OHIO
868,350	509,679	1,336,866	424,016	62,966	46,745	OHIO STATE
155,185	155,655	245,140	93,471	31,632	30,466	OKLAHOMA
119,781	U/A	332,510	U/A	23,403	12,702	OKLAHOMA STATE
46,201	374,263	456,680	152,800	25,577	12,519	OREGON
374,480	408,566	543,599	135,033	23,293	30,775	PENNSYLVANIA
484,618	920,501	1,072,229	321,521	39,892	18,239	PENNSYLVANIA STATE
454,133	449,110	581,459	242,157	39,481	14,280	PITTSBURGH
U/A	U/A	U/A	U/A	17,578	9,639	PRINCETON
174,759	357,551	523,352	385,184	26,173	16,231	PURDUE
94,817	429,244	535,082	276,643	8,602	12,728	QUEEN'S
U/A	U/A	U/A	U/A	7,099	6,341	RICE
97,846	217,541	312,086	146,747	26,652	13,857	ROCHESTER

U/A - Unavailable

N/A - Not Applicable

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ARL LIBRARY DATA TABLES 1995-96

PERSONNEL AND PUBLIC SERVICES

(Survey Question #)		Professional Staff (FTE)	Support Staff (FTE)	Student Assistants (FTE)	Total Staff (FTE)	Library Presentations to Groups *	Participants in Group Presentations *
		(28)	(29)	(30)	(31)	(32)	(33)
INSTITUTION	Notes						
RUTGERS	BL+	108	240	103	451	814	15,244
SASKATCHEWAN	LM+	42	117	16	175	202	3,593
SOUTH CAROLINA	LM+	73	119	65	257	845	11,324
SOUTHERN CALIFORNIA	BLM+	108	140	111	359	1,356	19,567
SOUTHERN ILLINOIS	L+	50	97	95	242	1,343	7,939
STANFORD	LM+	175	286	98	559	711	13,291
SUNY-ALBANY	B+	47	79	45	171	411	4,785
SUNY-BUFFALO	LM+	97	88	69	254	1,120	17,920
SUNY-STONY BROOK	M+	45	89	59	193	184	2,084
SYRACUSE	BL+	73	123	54	250	460	8,176
TEMPLE	BLM+	73	105	54	232	257	5,006
TENNESSEE	L+	65	140	59	264	268	7,757
TEXAS	L+	141	364	94	599	817	16,201
TEXAS A&M	BM+	80	169	95	344	221	1,949
TORONTO	LM+	149	344	86	579	733	5,279
TULANE	LM+	53	98	49	200	348	3,053
UTAH	LM+	70	161	87	318	569	5,931
VANDERBILT	LM+	78	142	67	287	713	6,815
VIRGINIA	LM+	97	196	70	363	1,393	14,469
VPI & SU	+	43	94	71	208	731	10,782
WASHINGTON	LM+	132	229	117	478	1,596	22,082
WASHINGTON STATE	+	39	90	39	168	355	6,232
WASHINGTON U-ST. LOUIS	LM+	88	142	55	285	428	4,272
WATERLOO	+	40	115	25	180	245	5,807
WAYNE STATE	LM+	82	101	87	270	552	9,197
WESTERN ONTARIO	L+	46	171	19	236	454	6,981
WISCONSIN	LM+	156	218	169	543	1,806	21,824
YALE	LM	203	324	88	615	703	5,370
YORK	BL+	51	127	52	230	603	9,098
BOSTON PUBLIC LIBRARY	+	206	318	40	564	15	1,050
CANADA INST. FOR SCITECH.	B+	138	111	0	249	51	U/A
CENTER FOR RESEARCH LIBS.	+	28	27	13	68	0	0
LIBRARY OF CONGRESS	L+	1,521	2,971	8	4,500	2,806	87,099
LINDA HALL LIBRARY	+	24	47	0	71	52	1,179
NATL. AGRICULTURAL LIB.	+	121	93	3	217	524	19,688
NATL. LIBRARY OF CANADA	+	210	250	9	469	141	814
NATL. LIBRARY OF MEDICINE	M+	159	84	17	260	288	3,473
NEW YORK PUBLIC LIBRARY	+	263	393	138	794	U/A	U/A
NEW YORK STATE LIBRARY	LM	69	101	0	170	336	1,101
SMITHSONIAN INSTITUTION	B+	56	59	5	120	N/A	N/A

+ - See Footnotes

L - Includes Law Library

M- Includes Medical Library

B - Includes Branch Campuses

N/A - Not Applicable

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U/A - Unavailable

ARL LIBRARY DATA TABLES

PERSONNEL AND PUBLIC SERVICES

Reference Transactions *	Initial Circulation Transactions	Total Circulation Transactions	Reserve Circulation Transactions	Total Items Loaned (ILL)	Total Items Borrowed (ILL/DD)	(Survey Question #)
(34)	(35)	(36)	(37)	(38)	(39)	INSTITUTION
252,599	518,339	841,511	296,352	20,007	20,203	RUTGERS
65,998	411,714	1,255,363	81,616	10,111	12,251	SASKATCHEWAN
157,850	683,038	962,077	112,557	18,940	22,853	SOUTH CAROLINA
199,011	561,460	806,169	85,499	13,894	15,311	SOUTHERN CALIFORNIA
140,556	243,742	350,040	54,321	34,048	23,024	SOUTHERN ILLINOIS
180,756	U/A	1,036,194	U/A	20,099	10,745	STANFORD
155,336	204,395	269,505	54,336	28,907	15,341	SUNY-ALBANY
140,020	399,935	475,750	80,623	36,634	15,241	SUNY-BUFFALO
100,019	276,508	317,500	67,432	34,762	10,042	SUNY-STONY BROOK
97,408	312,244	350,414	108,512	15,482	10,876	SYRACUSE
157,402	254,898	307,155	78,249	7,714	9,872	TEMPLE
U/A	411,678	708,787	155,713	18,588	25,371	TENNESSEE
489,984	1,357,651	2,367,982	328,712	35,194	21,224	TEXAS
301,890	476,785	841,171	110,112	44,991	31,264	TEXAS A&M
413,650	1,914,649	2,455,299	224,444	23,608	9,060	TORONTO
39,053	268,688	309,833	47,725	17,703	15,933	TULANE
U/A	352,252	456,321	149,056	32,600	13,946	UTAH
127,126	296,514	346,352	64,419	16,418	13,424	VANDERBILT
293,000	524,602	804,027	332,396	37,538	27,489	VIRGINIA
141,597	332,325	452,468	288,464	25,720	14,900	VPI & SU
96,331	U/A	3,140,516	209,583	81,010	10,046	WASHINGTON
107,355	287,798	450,700	53,937	29,190	8,023	WASHINGTON STATE
151,737	182,184	425,290	64,274	39,658	22,826	WASHINGTON U.-ST. LOUIS
67,377	436,897	707,201	135,553	8,039	7,598	WATERLOO
961,812	360,069	452,959	111,486	45,467	12,659	WAYNE STATE
192,960	U/A	841,026	U/A	19,218	3,941	WESTERN ONTARIO
351,100	837,830	1,084,011	326,432	92,856	21,258	WISCONSIN
421,612	605,546	717,772	53,020	15,477	14,341	YALE
182,764	877,605	1,229,112	78,708	17,988	4,249	YORK
1,368,959	2,094,135	2,373,373	69,002	35,048	3,639	BOSTON PUBLIC LIBRARY
6,455	U/A	3,233	0	389,198	1,400	CANADA INST. FOR SCITECH.
N/A	101,937	101,937	N/A	29,087	0	CENTER FOR RESEARCH LIBS.
1,627,229	222,854	U/A	U/A	19,742	357	LIBRARY OF CONGRESS
31,178	3,837	3,837	N/A	57,394	26	LINDA HALL LIBRARY
41,430	9,742	12,478	N/A	25,334	13,334	NATL. AGRICULTURAL LIB.
53,609	97,417	104,834	N/A	48,806	647	NATL. LIBRARY OF CANADA
59,595	U/A	U/A	U/A	227,810	247	NATL. LIBRARY OF MEDICINE
U/A	U/A	U/A	U/A	3,124	3,722	NEW YORK PUBLIC LIBRARY
83,877	57,726	60,689	U/A	57,373	3,676	NEW YORK STATE LIBRARY
65,494	230,983	266,405	N/A	20,366	15,032	SMITHSONIAN INSTITUTION

U/A - Unavailable

N/A - Not Applicable

* - Figures in italics are derived from a sampling method rather than an actual annual count.

ARL LIBRARY DATA TABLES 1995-96

SUMMARY DATA: PERSONNEL AND PUBLIC SERVICES

	Professional Staff (FTE)	Support Staff (FTE)	Student Assistants (FTE)	Total Staff (FTE)	Library Presentations to Groups	Participants in Group Presentations
(Survey Question #)	(28)	(29)	(30)	(31)	(32)	(33)
<hr/>						
UNIVERSITY LIBRARIES:						
Median	73	131	66	264	712	9,098
High	404	587	226	1,125	11,050	41,814
Low	23	53	1	116	122	1,949
Totals	9,141	16,896	8,086	34,123	91,897	1,076,692
Number of Libraries Responding	109	109	109	109	101	101
 NONUNIVERSITY LIBRARIES:						
Median	138	101	8	249	141	1,140
Totals	2,795	4,454	233	7,482	4,213	114,404
Number of Libraries Responding	11	11	11	11	9	8
 GRAND TOTALS:						
	11,936	21,350	8,319	41,605	96,110	1,191,096

ARL LIBRARY DATA TABLES 1995-96

SUMMARY DATA: PERSONNEL AND PUBLIC SERVICES

Reference Transactions	Initial Circulation Transactions	Total Circulation Transactions	Reserve Circulation Transactions	Total Items Loaned (ILL)	Total Items Borrowed (ILL/DD)	(Survey Question #)
(34)	(35)	(36)	(37)	(38)	(39)	
<hr/>						
						UNIVERSITY LIBRARIES:
163,722	392,581	557,580	131,556	26,173	15,278	Median
961,812	1,914,649	4,504,292	424,016	246,800	81,478	High
39,053	82,049	162,621	28,252	3,870	2,502	Low
20,806,690	37,447,495	80,448,052	15,286,933	3,640,250	1,940,609	Totals
100	81	106	97	109	109	Number of Libraries Responding
						NONUNIVERSITY LIBRARIES:
59,595	99,677	81,313	34,501	35,048	1,400	Median
3,337,826	2,818,631	2,926,786	69,002	913,282	42,080	Totals
9	8	8	2	11	11	Number of Libraries Responding
24,144,516	40,266,126	83,374,838	15,355,935	4,553,532	1,982,689	GRAND TOTALS:

ANALYSIS OF SELECTED VARIABLES OF ARL UNIVERSITY LIBRARIES

The percentages and ratios below are select indicators that describe the condition of ARL university libraries. The high and low figures indicate the range, while the mean and median indicate the central tendency of the distributions for ARL university libraries. Note that a distribution is normal when the mean and the median figures are identical. If the mean is larger than the median then the distribution is positively skewed, and if the opposite is true the distribution is negatively skewed.

Category	High	Mean	Median	Low	Number of libraries reporting
1. Professional Staff as percent of Total Staff	42.74	26.63	26.48	17.97	109
2. Support Staff as percent of Total Staff	74.80	49.79	49.41	18.03	109
3. Student Assistant Staff as percent of Total Staff	47.62	23.58	24.32	0.40	109
4. Ratio of Professional to Support Staff (excluding Student Assistant Staff)	1.91	0.56	0.53	0.24	109
5. Ratio of Items Loaned to Items Borrowed	16.15	2.11	1.70	0.58	109
6. Serial Expenditures as percent of Total Library Materials Expenditures	86.21	62.97	63.22	37.34	109
7. Total Library Materials Expenditures as percent of Total Library Expenditures	53.66	37.09	37.47	23.54	109
8. Contract Binding as percent of Total Library Expenditures	2.80	1.27	1.18	0.14	109
9. Salary and Wages Expenditures as percent of Total Library Expenditures	62.21	47.73	47.60	34.78	109
10. Other Operating Expenditures as percent of Total Library Expenditures	28.87	13.91	13.51	5.05	109
11. Unit cost of monographs (per volume)	\$72.64	\$45.93	\$45.70	\$24.99	91
12. Unit cost of serials (per title)	\$413.32	\$231.17	\$219.55	\$136.42	81

PH.D., FACULTY, AND ENROLLMENT STATISTICS *

(Survey Question #)	ENROLLMENTS						
	Ph.D.s Awarded	Ph.D. Fields	Faculty	Total FTE Full-time**	Total Part-time**	Graduate FTE Full-time	Graduate Part-time
	(40)	(41)	(42)	(43)	(44)	(45)	(46)
INSTITUTION							
ALABAMA	117	44	794	15,556	3,429	2,391	1,756
ALBERTA	251	51	1,534	22,574	2,339	2,928	1,213
ARIZONA	384	95	1,359	25,804	7,700	5,327	2,884
ARIZONA STATE +	263	41	1,966	31,296	14,633	5,714	6,230
AUBURN	151	40	1,131	18,800	3,322	1,887	1,620
BOSTON	202	51	1,127	23,135	5,997	7,328	3,249
BRIGHAM YOUNG	75	27	1,357	28,388	2,999	1,745	1,138
BRITISH COLUMBIA	328	70	1,832	18,218	6,756	5,385	555
BROWN	156	38	535	7,137	504	1,578	121
CALIFORNIA, BERKELEY	878	121	1,240	27,026	2,604	7,551	1,031
CALIFORNIA, DAVIS	397	51	1,293	20,699	2,393	4,741	297
CALIFORNIA, IRVINE	188	26	998	16,191	1,070	3,283	262
CALIFORNIA, LOS ANGELES	U/A	U/A	1,718	32,690	2,023	10,332	612
CALIFORNIA, RIVERSIDE +	96	30	424	8,181	725	1,363	110
CALIFORNIA, SAN DIEGO	260	50	1,072	17,430	878	3,361	108
CALIFORNIA, SANTA BARBARA	262	53	950	17,750	875	2,385	170
CASE WESTERN RESERVE +	171	50	1,879	6,523	3,226	3,444	2,660
CHICAGO	380	69	1,226	9,968	2,061	6,492	2,011
CINCINNATI	185	55	1,731	19,712	8,661	4,577	2,870
COLORADO	297	40	1,215	20,931	6,693	2,299	4,010
COLORADO STATE	196	39	1,004	15,995	2,141	2,671	1,107
COLUMBIA	349	65	3,152	15,417	3,930	10,210	2,239
CONNECTICUT	239	70	1,068	15,909	6,562	3,951	3,853
CORNELL +	512	79	1,484	18,914	71	5,542	31
DARTMOUTH	46	12	947	5,121	69	1,213	52
DELAWARE	157	40	920	15,594	5,771	1,693	1,531
DUKE +	232	41	798	11,043	468	4,836	411
EMORY	143	22	686	9,705	1,603	3,856	1,358
FLORIDA	404	72	2,225	33,466	5,947	6,913	2,641
FLORIDA STATE +	273	126	1,011	23,912	6,243	3,814	2,930
GEORGETOWN +	73	18	802	11,142	1,484	5,091	1,200
GEORGIA	282	70	1,985	25,928	4,221	5,010	1,564
GEORGIA TECH	252	61	697	11,584	1,452	2,763	800
GUELPH	99	U/A	626	11,375	2,093	1,502	202
HARVARD +	375	72	1,693	17,209	1,101	10,449	810
HAWAII	168	49	1,039	14,185	5,584	3,059	3,309
HOUSTON	150	52	1,448	18,946	11,820	4,239	5,101
HOWARD	73	24	1,235	7,466	4,002	2,381	1,455
ILLINOIS, CHICAGO +	237	51	1,638	18,748	5,792	5,257	3,141
ILLINOIS, URBANA +	680	80	1,849	33,613	4,807	7,774	2,803
INDIANA	330	71	1,420	29,301	5,762	4,912	3,057
IOWA +	340	59	1,085	21,418	6,634	5,427	3,801
IOWA STATE +	287	77	1,029	20,910	3,763	2,838	1,894

* - These figures were reported on the ARL Questionnaire and have not been verified with the U.S. NCES IPEDS survey.

** - Includes both undergraduate and graduate students.

+ - See Footnotes

/A - Unavailable

PH.D., FACULTY, AND ENROLLMENT STATISTICS *

(Survey Question #)	ENROLLMENTS						
	Ph.D.s Awarded	Ph.D. Fields	Faculty	Total FTE Full-time**	Total Part-time**	Graduate FTE Full-time	Graduate Part-time
	(40)	(41)	(42)	(43)	(44)	(45)	(46)
INSTITUTION							
JOHNS HOPKINS	299	60	879	7,375	8,267	3,685	7,439
KANSAS +	239	66	1,646	21,521	6,118	4,564	4,418
KENT STATE	140	18	809	19,384	10,093	1,920	2,875
KENTUCKY	208	51	1,238	18,543	5,251	3,653	2,757
LAVAL	233	52	1,646	22,588	7,176	4,377	2,910
LOUISIANA STATE	228	56	1,236	20,784	5,789	4,121	2,089
MCGILL +	294	80	1,561	22,393	9,199	5,206	1,639
MCMASTER	138	36	1,001	13,838	3,689	1,566	689
MANITOBA	99	47	1,225	14,261	4,774	2,128	920
MARYLAND	466	67	1,481	25,180	7,728	4,158	4,377
MASSACHUSETTS +	243	52	1,146	19,616	5,651	2,405	3,698
MIT +	526	48	841	9,266	194	5,323	142
MIAMI	107	44	1,892	11,885	1,686	4,474	778
MICHIGAN +	666	90	2,813	33,234	3,453	11,213	1,899
MICHIGAN STATE	475	104	2,039	32,470	8,177	5,459	3,859
MINNESOTA	764	100	1,499	23,316	28,129	6,183	7,551
MISSOURI	236	61	879	18,339	4,017	3,253	2,319
NEBRASKA	241	35	1,261	19,094	5,226	2,543	2,591
NEW MEXICO +	210	40	1,513	14,608	9,997	3,319	4,919
NEW YORK	341	115	2,234	22,938	12,519	6,390	9,604
NORTH CAROLINA	400	62	2,369	19,814	4,625	5,084	3,653
NORTH CAROLINA STATE +	325	53	1,542	18,729	9,521	2,028	4,585
NORTHWESTERN +	365	78	2,138	13,920	3,764	6,153	1,794
NOTRE DAME	131	25	705	10,303	240	2,444	218
OHIO	132	56	960	22,481	5,458	2,575	942
OHIO STATE	699	100	2,546	39,198	9,478	8,936	4,265
OKLAHOMA	142	44	801	15,168	4,774	2,050	2,387
OKLAHOMA STATE	155	35	1,244	19,007	6,960	1,826	2,808
OREGON	172	45	633	14,555	2,583	2,856	565
PENNSYLVANIA	438	66	2,020	18,139	4,009	8,621	2,023
PENNSYLVANIA STATE	495	88	2,921	55,681	15,688	4,605	6,024
PITTSBURGH	302	63	1,555	23,598	8,509	5,902	3,734
PRINCETON	287	45	753	4,609	131	1,761	0
PURDUE	508	54	1,405	30,352	4,333	4,494	2,209
QUEEN'S +	127	27	714	12,939	3,953	2,058	641
RICE +	111	28	449	4,036	193	1,371	102
ROCHESTER	229	54	501	7,611	1,846	2,190	1,486
RUTGERS	394	61	1,984	33,155	14,980	4,650	8,546
SASKATCHEWAN	88	41	988	14,863	3,933	2,424	500
SOUTH CAROLINA	228	55	1,379	17,242	9,104	4,839	5,592
SOUTHERN CALIFORNIA +	524	73	1,609	21,016	6,955	7,401	5,404
SOUTHERN ILLINOIS	156	28	973	18,436	3,982	1,726	1,879
STANFORD	557	U/A	1,433	12,661	U/A	6,084	1,383

* - These figures were reported on the ARL Questionnaire and have not been verified with the U.S. NCES IPEDS survey.

** - Includes both undergraduate and graduate students.

+ - See Footnotes

U/A - Unavailable

PH.D., FACULTY, AND ENROLLMENT STATISTICS *

(Survey Question #)	ENROLLMENTS						
	Ph.D.s Awarded	Ph.D. Fields	Faculty	Total FTE Full-time**	Total Part-time**	Graduate FTE Full-time	Graduate Part-time
	(40)	(41)	(42)	(43)	(44)	(45)	(46)
INSTITUTION							
SUNY-ALBANY	147	34	609	11,757	4,239	2,035	3,050
SUNY-BUFFALO +	290	66	1,251	18,320	6,173	4,794	3,549
SUNY-STONY BROOK	224	41	1,229	13,294	4,371	2,643	2,968
SYRACUSE +	170	72	817	13,557	5,197	2,331	3,663
TEMPLE +	215	61	1,680	18,835	10,197	4,222	5,904
TENNESSEE	281	46	1,304	19,364	5,887	3,607	2,909
TEXAS +	744	81	2,227	41,382	6,523	11,282	1,537
TEXAS A&M +	532	84	2,032	37,563	4,329	5,649	1,901
TORONTO	530	80	2,705	37,430	16,009	7,112	3,232
TULANE +	78	36	900	8,644	2,023	3,814	526
UTAH +	236	90	1,475	17,978	9,159	3,999	1,055
VANDERBILT +	145	40	1,555	9,520	554	3,793	489
VIRGINIA	302	46	996	17,738	3,990	5,643	2,977
VPI & SU	378	49	1,424	22,471	3,021	3,559	2,435
WASHINGTON +	493	66	2,927	28,462	6,004	7,589	1,614
WASHINGTON STATE	148	42	1,019	16,963	2,608	2,309	1,025
WASHINGTON U.-ST. LOUIS	164	40	642	8,316	3,166	3,455	2,063
WATERLOO	160	32	792	15,077	6,378	1,618	347
WAYNE STATE +	230	52	1,254	14,619	17,530	5,818	7,693
WESTERN ONTARIO	116	35	1,358	16,024	3,237	2,698	148
WISCONSIN	753	120	2,078	33,534	5,471	9,428	1,962
YALE	349	49	1,783	10,673	313	5,437	223
YORK	90	55	1,170	27,889	11,803	2,201	1,333

SUMMARY DATA: PH.D., FACULTY, AND ENROLLMENT STATISTICS

Median	239	52	1,251	18,339	4,498	3,951	1,962
High	878	126	3,152	55,681	28,129	11,282	9,604
Low	46	12	424	4,036	69	1,213	0
Totals	30,831	5,972	148,910	2,092,466	580,542	472,566	259,013
Number of Libraries Responding	108	106	109	109	108	109	109

* - These figures were reported on the ARL Questionnaire and have not been verified with the U.S. NCES IPEDS survey.

** - Includes both undergraduate and graduate students.

+ - See Footnotes

U/A - Unavailable

RANK ORDER TABLES OF UNIVERSITY LIBRARIES

SUMMARY OF RANK ORDER TABLES FOR UNIVERSITY LIBRARIES

The table below presents the rank for each university library in each of the eighteen categories for which rank order tables are prepared. The table numbers in the chart below refer to the data categories listed below. The number of libraries indicates the number of ARL university libraries supplying data in each category.

TABLE	DATA CATEGORY	NO. OF LIBS.	TABLE	DATA CATEGORY	NO. OF LIBS.
1	VOLUMES IN LIBRARY	109	10	MONOGRAPHS PURCHASED (VOLS.)	91
2	VOLUMES ADDED (GROSS)	109	11	EXPENDITURES FOR MONOGRAPHS	109
3	CURRENT SERIALS (TOTALS)	109	12	SERIALS PURCHASED (SUBS.)	81
4	MICROFORM HOLDINGS	109	13	EXPENDITURES FOR SERIALS	109
5	GOVERNMENT DOCUMENTS	97	14	TOTAL ITEMS LOANED (ILL)	109
6	MATERIALS EXPENDITURES	109	15	TOTAL ITEMS BORROWED (ILL/DD)	109
7	SALARIES & WAGES EXPENDITURES	109	16	PROFESSIONAL STAFF (FTE)	109
8	OTHER OPERATING EXPENDITURES	109	17	SUPPORT STAFF (FTE)	109
9	TOTAL LIBRARY EXPENDITURES	109	18	TOTAL STAFF (FTE)	109

INSTITUTION

TABLES

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
ALABAMA	90	85	91	69	9	105	103	81	103	65	97	67	100	100	86	72	102	92
ALBERTA	18	20	43	53	36	33	34	52	34	34	18	19	23	6	14	67	16	38
ARIZONA	23	24	44	18	79	26	37	23	31	18	31	16	32	44	43	35	32	27
ARIZONA STATE	37	44	23	3	23	32	31	18	30	7	19	14	25	69	32	32	23	30
AUBURN	63	30	63	94	43	99	105	88	106	60	76	78	101	67	105	93	97	100
BOSTON	91	64	33	57	U/A	80	66	56	69	68	98	26	70	90	47	67	54	61
BRIGHAM YOUNG	62	82	80	92	47	72	58	62	64	25	33	68	97	57	31	29	109	46
BRITISH COLUMBIA	28	26	64	33	18	31	21	45	26	15	52	46	13	19	42	25	13	22
BROWN	48	81	98	102	79	79	63	31	63	50	51	66	90	98	51	45	82	71
CALIFORNIA, BERKELEY	4	6	4	11	63	6	3	10	5	U/A	7	U/A	6	15	35	3	11	2
CALIFORNIA, DAVIS	47	42	13	51	64	40	32	89	41	U/A	26	U/A	49	17	55	76	32	45
CALIFORNIA, IRVINE	96	78	55	98	49	74	43	59	55	81	73	57	66	62	13	80	68	66
CALIFORNIA, LOS ANGELES	9	4	2	10	68	9	5	2	4	1	5	U/A	19	4	46	15	6	4
CALIFORNIA, RIVERSIDE	104	89	97	101	46	103	96	105	105	49	71	80	107	102	45	102	98	103
CALIFORNIA, SAN DIEGO	60	22	50	84	57	44	25	42	33	9	48	36	43	49	10	56	36	36
CALIFORNIA, SANTA BARBARA	69	61	66	59	26	100	48	61	67	38	66	59	103	73	33	89	52	64
CASE WESTERN RESERVE	95	107	96	96	66	87	90	87	88	86	106	60	57	8	9	60	102	93
CHICAGO	11	15	19	93	U/A	21	29	13	23	6	10	U/A	22	26	26	56	27	34
CINCINNATI	83	52	62	73	42	50	59	63	56	48	55	U/A	45	11	4	51	75	52
COLORADO	52	83	31	15	5	24	56	85	46	17	35	21	24	38	63	69	59	58
COLORADO STATE	109	74	57	91	50	86	100	77	94	56	74	71	91	45	24	107	98	100
COLUMBIA	8	12	6	23	59	8	7	20	8	U/A	8	1	5	41	38	3	10	10
CONNECTICUT	54	37	72	46	U/A	66	39	37	45	66	105	33	52	25	27	60	83	69
CORNELL	12	11	7	2	U/A	10	11	9	10	U/A	11	U/A	11	87	72	14	8	7
DARTMOUTH	79	72	60	86	79	78	82	73	78	37	59	28	87	94	58	89	79	96
DELAWARE	73	95	102	79	40	65	79	82	75	39	37	69	75	99	75	74	72	78
DUKE	21	19	26	66	7	16	26	11	22	19	13	U/A	12	14	71	25	37	37
EMORY	68	50	47	70	61	30	45	15	32	U/A	15	25	39	58	88	43	44	51

U/A - Unavailable

INSTITUTION

TABLES

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
FLORIDA	36	33	38	7	8	37	35	60	37	23	56	18	35	23	79	19	21	23
FLORIDA STATE	80	58	83	32	16	76	95	101	91	U/A	75	U/A	68	31	73	72	62	69
GEORGETOWN	82	60	37	77	37	43	41	44	42	42	49	10	40	97	89	45	64	56
GEORGIA	34	35	14	17	15	35	44	66	43	10	29	U/A	30	40	94	40	25	28
GEORGIA TECH	97	80	99	45	79	97	107	91	108	89	95	81	92	101	108	89	107	108
GUELPH	89	109	106	103	79	109	106	103	109	90	107	U/A	109	108	100	109	87	107
HARVARD	1	1	1	1	U/A	1	1	1	1	U/A	2	U/A	3	7	39	1	1	1
HAWAII	45	102	36	12	79	106	67	97	87	91	109	24	89	85	104	76	95	87
HOUSTON	100	68	88	49	27	85	98	50	83	57	83	44	88	51	40	96	85	83
HOWARD	71	108	90	50	U/A	91	94	84	95	71	108	47	99	109	109	98	89	106
ILLINOIS, CHICAGO	98	84	81	87	25	53	49	68	53	52	67	39	31	2	1	45	41	49
ILLINOIS, URBANA	3	5	3	30	U/A	20	15	21	17	5	23	U/A	15	10	2	6	12	13
INDIANA	13	7	18	48	67	18	19	14	18	14	20	8	37	13	11	12	22	15
IOWA	27	31	22	9	12	39	36	36	35	24	40	20	54	16	37	28	61	43
IOWA STATE	85	75	53	76	79	56	69	43	61	54	62	40	59	60	64	80	70	76
JOHNS HOPKINS	38	59	59	55	79	23	38	17	29	26	32	37	41	66	34	39	32	42
KANSAS	33	46	28	75	24	52	54	39	50	28	46	23	61	24	19	36	75	44
KENT STATE	72	48	104	109	78	107	78	65	90	85	93	79	106	82	15	76	91	77
KENTUCKY	53	90	39	13	10	60	46	28	47	78	88	45	48	42	25	31	72	35
LAVAL	75	43	93	108	77	70	51	106	70	55	87	63	53	61	65	60	29	61
LOUISIANA STATE	46	66	69	26	65	101	92	95	101	87	90	50	93	93	66	80	74	79
MCGILL	42	45	78	105	17	63	42	100	59	44	53	56	86	81	87	51	28	41
MCMASTER	106	106	101	104	60	95	88	109	102	75	94	74	78	72	62	107	55	94
MANITOBA	107	104	109	107	31	108	74	99	97	88	101	75	108	70	83	84	57	90
MARYLAND	58	41	40	25	22	49	40	46	44	30	38	43	65	54	69	40	59	40
MASSACHUSETTS	50	56	87	97	51	84	71	96	81	40	68	64	85	88	92	84	93	95
MIT	61	98	71	99	79	92	62	71	74	80	96	70	84	68	98	42	75	80
MIAMI	87	71	61	71	32	48	70	53	62	58	80	35	26	29	60	58	56	63
MICHIGAN	7	14	5	16	79	4	9	5	6	U/A	6	3	1	12	16	8	7	3
MICHIGAN STATE	25	27	34	24	79	47	47	55	48	41	44	48	42	50	67	66	75	49
MINNESOTA	17	13	11	20	1	12	14	8	11	31	25	4	7	1	54	25	26	18
MISSOURI	49	93	48	5	4	55	84	47	68	53	43	U/A	56	32	48	71	50	66
NEBRASKA	65	65	52	40	29	59	87	90	80	72	86	52	38	96	44	80	67	82
NEW MEXICO	86	54	77	6	53	73	30	16	38	46	57	54	74	48	21	36	39	31
NEW YORK	32	16	30	42	38	27	18	25	19	4	12	7	27	71	30	10	29	16
NORTH CAROLINA	20	21	17	41	6	13	23	27	21	8	21	15	16	20	96	16	19	20
NORTH CAROLINA STATE	57	47	54	34	79	45	73	48	58	22	45	62	80	76	102	63	65	58
NORTHWESTERN	26	36	21	68	73	36	33	49	36	U/A	41	U/A	36	52	18	23	52	26
NOTRE DAME	59	53	49	82	79	42	75	78	65	29	39	U/A	79	80	82	93	43	75
OHIO	92	77	41	88	76	93	93	26	77	U/A	79	U/A	95	18	5	70	102	85
OHIO STATE	19	17	25	38	62	19	24	32	24	16	22	12	9	9	3	29	35	21
OKLAHOMA	55	91	79	58	3	83	104	83	96	73	102	32	67	43	8	84	105	97
OKLAHOMA STATE	101	55	65	61	72	98	108	67	104	84	103	U/A	81	64	77	84	106	98
OREGON	76	49	84	100	35	62	81	86	76	47	58	58	73	59	80	74	89	80

U/A - Unavailable

INSTITUTION

TABLES

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
PENNSYLVANIA	22	23	24	74	79	17	20	7	15	11	16	U/A	21	65	7	23	31	25
PENNSYLVANIA STATE	30	29	29	64	79	14	13	34	16	U/A	17	17	17	27	41	18	4	12
PITTSBURGH	29	28	42	52	71	25	27	41	28	U/A	27	U/A	20	30	61	19	18	19
PRINCETON	16	25	27	44	30	7	16	40	12	U/A	4	U/A	44	86	95	17	20	24
PURDUE	77	96	58	95	34	61	72	74	72	83	85	53	33	54	49	64	45	54
QUEEN'S	84	67	103	63	13	89	80	102	89	62	77	61	77	104	76	100	50	88
RICE	99	94	107	90	48	67	109	94	99	U/A	47	77	98	107	103	100	108	109
ROCHESTER	44	100	108	39	28	82	89	80	84	64	78	72	76	53	70	50	98	84
RUTGERS	31	34	32	22	2	28	8	58	14	32	50	U/A	29	75	36	19	13	17
SASKATCHEWAN	108	86	95	78	45	81	102	108	100	79	84	73	69	103	81	104	68	102
SOUTH CAROLINA	43	51	70	37	20	69	68	33	60	36	54	U/A	72	78	22	53	66	57
SOUTHERN CALIFORNIA	35	73	35	14	33	34	22	24	25	20	34	13	18	95	53	19	48	31
SOUTHERN ILLINOIS	67	92	74	43	39	64	83	104	82	74	99	41	63	37	20	89	85	68
STANFORD	10	3	16	27	70	2	2	3	2	U/A	1	U/A	4	74	85	5	9	9
SUNY-ALBANY	102	101	85	80	79	104	101	92	107	70	92	U/A	105	47	52	95	101	104
SUNY-BUFFALO	40	40	56	28	U/A	71	52	57	57	35	81	29	71	34	56	33	95	58
SUNY-STONY BROOK	94	97	105	47	55	88	77	98	86	69	100	76	83	36	91	98	93	91
SYRACUSE	51	99	82	54	52	96	85	64	85	82	104	38	96	91	84	53	63	64
TEMPLE	70	88	92	85	58	68	76	76	73	51	72	65	55	106	93	53	79	73
TENNESSEE	78	70	73	36	74	57	65	70	66	45	65	30	50	79	17	64	48	55
TEXAS	5	10	10	19	79	29	17	22	20	21	28	9	28	35	29	11	2	6
TEXAS A&M	66	38	51	29	69	41	53	19	39	43	42	27	60	22	6	45	40	33
TORONTO	6	2	20	56	U/A	5	4	72	7	2	3	6	8	63	97	8	3	8
TULANE	88	87	89	89	14	77	97	93	93	61	64	42	94	84	50	76	83	89
UTAH	56	57	86	65	21	46	57	35	49	U/A	36	51	46	39	68	59	42	39
VANDERBILT	64	63	76	83	56	51	60	38	52	U/A	61	34	47	89	74	49	46	47
VIRGINIA	24	18	12	31	19	22	28	29	27	13	14	11	51	33	12	33	23	29
VPI & SU	93	62	67	8	41	54	99	69	79	63	82	49	64	56	57	102	88	86
WASHINGTON	15	8	9	4	U/A	11	12	54	13	27	30	2	2	5	90	13	15	14
WASHINGTON STATE	103	103	45	72	U/A	94	91	79	92	76	91	U/A	82	46	99	106	92	105
WASHINGTON U.-ST. LOUIS	39	39	68	81	75	38	50	30	40	59	60	22	34	28	23	36	46	48
WATERLOO	105	105	94	106	U/A	102	86	107	98	77	89	U/A	102	105	101	105	71	98
WAYNE STATE	41	69	46	60	44	58	55	51	54	67	63	31	58	21	78	43	81	53
WESTERN ONTARIO	74	79	75	67	79	75	64	75	71	U/A	69	55	62	77	107	96	38	72
WISCONSIN	14	32	15	35	54	15	10	6	9	12	24	5	14	3	28	7	16	11
YALE	2	9	8	21	11	3	6	4	3	3	9	U/A	10	92	59	2	5	5
YORK	81	76	100	62	79	90	61	12	51	33	70	U/A	104	83	106	84	58	74

BEST COPY AVAILABLE

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**RANK ORDER TABLE 1:
VOLUMES IN LIBRARY**

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	HARVARD	13,369,855	56	UTAH	2,540,550
2	YALE	9,758,341	57	NORTH CAROLINA STATE	2,540,328
3	ILLINOIS, URBANA	8,840,326	58	MARYLAND	2,539,110
4	CALIFORNIA, BERKELEY	8,462,123	59	NOTRE DAME	2,524,921
5	TEXAS	7,329,663	60	CALIFORNIA, SAN DIEGO	2,469,912
6	TORONTO	6,905,360	61	MIT	2,448,647
7	MICHIGAN	6,874,648	62	BRIGHAM YOUNG	2,411,754
8	COLUMBIA	6,792,274	63	AUBURN	2,401,321
9	CALIFORNIA, LOS ANGELES	6,772,851	64	VANDERBILT	2,388,311
10	STANFORD	6,746,550	65	NEBRASKA	2,384,200
11	CHICAGO	5,982,101	66	TEXAS A&M	2,367,072
12	CORNELL	5,952,217	67	SOUTHERN ILLINOIS	2,326,357
13	INDIANA	5,790,384	68	EMORY	2,311,985
14	WISCONSIN	5,737,834	69	CALIFORNIA, SANTA BARBARA	2,305,494
15	WASHINGTON	5,601,263	70	TEMPLE	2,301,269
16	PRINCETON	5,405,087	71	HOWARD	2,299,158
17	MINNESOTA	5,376,090	72	KENT STATE	2,288,661
18	ALBERTA	5,085,060	73	DELAWARE	2,259,121
19	OHIO STATE	4,977,610	74	WESTERN ONTARIO	2,221,940
20	NORTH CAROLINA	4,674,502	75	LAVAL	2,213,137
21	DUKE	4,534,208	76	OREGON	2,211,768
22	PENNSYLVANIA	4,437,523	77	PURDUE	2,201,543
23	ARIZONA	4,343,130	78	TENNESSEE	2,194,881
24	VIRGINIA	4,276,435	79	DARTMOUTH	2,179,116
25	MICHIGAN STATE	4,047,477	80	FLORIDA STATE	2,176,297
26	NORTHWESTERN	3,840,439	81	YORK	2,161,470
27	IOWA	3,751,596	82	GEORGETOWN	2,122,911
28	BRITISH COLUMBIA	3,745,735	83	CINCINNATI	2,113,966
29	PITTSBURGH	3,730,778	84	QUEEN'S	2,113,953
30	PENNSYLVANIA STATE	3,724,916	85	IOWA STATE	2,104,204
31	RUTGERS	3,567,690	86	NEW MEXICO	2,093,086
32	NEW YORK	3,508,001	87	MIAMI	2,084,131
33	KANSAS	3,450,463	88	TULANE	2,076,236
34	GEORGIA	3,392,238	89	GUELPH	2,072,030
35	SOUTHERN CALIFORNIA	3,344,620	90	ALABAMA	2,057,586
36	FLORIDA	3,258,300	91	BOSTON	2,051,555
37	ARIZONA STATE	3,175,896	92	OHIO	2,043,840
38	JOHNS HOPKINS	3,172,679	93	VPI & SU	1,978,869
39	WASHINGTON U.-ST. LOUIS	3,164,136	94	SUNY-STONY BROOK	1,963,363
40	SUNY-BUFFALO	2,991,288	95	CASE WESTERN RESERVE	1,938,840
41	WAYNE STATE	2,960,222	96	CALIFORNIA, IRVINE	1,917,250
42	MCGILL	2,948,633	97	GEORGIA TECH	1,916,350
43	SOUTH CAROLINA	2,933,864	98	ILLINOIS, CHICAGO	1,915,371
44	ROCHESTER	2,922,335	99	RICE	1,905,042
45	HAWAII	2,888,498	100	HOUSTON	1,899,229
46	LOUISIANA STATE	2,878,866	101	OKLAHOMA STATE	1,896,863
47	CALIFORNIA, DAVIS	2,871,796	102	SUNY-ALBANY	1,842,937
48	BROWN	2,810,163	103	WASHINGTON STATE	1,833,749
49	MISSOURI	2,768,911	104	CALIFORNIA, RIVERSIDE	1,801,213
50	MASSACHUSETTS	2,762,244	105	WATERLOO	1,768,713
51	SYRACUSE	2,692,147	106	MCMASTER	1,764,841
52	COLORADO	2,672,243	107	MANITOBA	1,710,480
53	KENTUCKY	2,633,632	108	SASKATCHEWAN	1,664,881
54	CONNECTICUT	2,626,066	109	COLORADO STATE	1,656,039
55	OKLAHOMA	2,575,825			

Figure for some institutions includes government documents. See also Rank Order Table 5: Government Documents.

RANK ORDER TABLE 2: VOLUMES ADDED (GROSS)

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	HARVARD	276,677	56	MASSACHUSETTS	66,450
2	TORONTO	221,007	57	UTAH	65,962
3	STANFORD	213,257	58	FLORIDA STATE	65,066
4	CALIFORNIA, LOS ANGELES	182,599	59	JOHNS HOPKINS	64,906
5	ILLINOIS, URBANA	181,738	60	GEORGETOWN	63,610
6	CALIFORNIA, BERKELEY	173,149	61	CALIFORNIA, SANTA BARBARA	62,401
7	INDIANA	168,830	62	VPI & SU	61,438
8	WASHINGTON	164,069	63	VANDERBILT	60,611
9	YALE	160,407	64	BOSTON	59,813
10	TEXAS	156,552	65	NEBRASKA	59,450
11	CORNELL	154,473	66	LOUISIANA STATE	59,061
12	COLUMBIA	153,083	67	QUEEN'S	58,151
13	MINNESOTA	146,615	68	HOUSTON	58,002
14	MICHIGAN	140,853	69	WAYNE STATE	57,856
15	CHICAGO	132,571	70	TENNESSEE	57,693
16	NEW YORK	131,693	71	MIAMI	57,628
17	OHIO STATE	129,134	72	DARTMOUTH	57,447
18	VIRGINIA	126,983	73	SOUTHERN CALIFORNIA	56,658
19	DUKE	125,367	74	COLORADO STATE	56,404
20	ALBERTA	124,163	75	IOWA STATE	55,768
21	NORTH CAROLINA	123,872	76	YORK	55,684
22	CALIFORNIA, SAN DIEGO	122,395	77	OHIO	55,625
23	PENNSYLVANIA	119,990	78	CALIFORNIA, IRVINE	55,321
24	ARIZONA	119,920	79	WESTERN ONTARIO	54,449
25	PRINCETON	119,314	80	GEORGIA TECH	53,174
26	BRITISH COLUMBIA	118,290	81	BROWN	53,018
27	MICHIGAN STATE	115,761	82	BRIGHAM YOUNG	52,896
28	PITTSBURGH	110,104	83	COLORADO	52,360
29	PENNSYLVANIA STATE	109,916	84	ILLINOIS, CHICAGO	52,050
30	AUBURN	108,987	85	ALABAMA	51,174
31	IOWA	105,601	86	SASKATCHEWAN	50,654
32	WISCONSIN	105,036	87	TULANE	49,897
33	FLORIDA	102,531	88	TEMPLE	49,223
34	RUTGERS	100,952	89	CALIFORNIA, RIVERSIDE	48,995
35	GEORGIA	99,533	90	KENTUCKY	48,936
36	NORTHWESTERN	93,130	91	OKLAHOMA	48,793
37	CONNECTICUT	89,847	92	SOUTHERN ILLINOIS	47,570
38	TEXAS A&M	89,011	93	MISSOURI	47,397
39	WASHINGTON U.-ST. LOUIS	86,279	94	RICE	47,057
40	SUNY-BUFFALO	85,213	95	DELAWARE	46,821
41	MARYLAND	84,077	96	PURDUE	46,041
42	CALIFORNIA, DAVIS	82,560	97	SUNY-STONY BROOK	45,687
43	LAVAL	81,000	98	MIT	45,613
44	ARIZONA STATE	79,655	99	SYRACUSE	44,345
45	MCGILL	77,955	100	ROCHESTER	43,350
46	KANSAS	77,061	101	SUNY-ALBANY	42,764
47	NORTH CAROLINA STATE	71,695	102	HAWAII	41,200
48	KENT STATE	71,581	103	WASHINGTON STATE	36,287
49	OREGON	71,533	104	MANITOBA	33,844
50	EMORY	71,039	105	WATERLOO	29,982
51	SOUTH CAROLINA	70,966	106	MCMASTER	29,034
52	CINCINNATI	70,303	107	CASE WESTERN RESERVE	28,984
53	NOTRE DAME	70,183	108	HOWARD	21,433
54	NEW MEXICO	69,482	109	GUELPH	20,660
55	OKLAHOMA STATE	67,984			

**RANK ORDER TABLE 3:
CURRENT SERIALS (TOTALS)**

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	HARVARD	97,568	56	SUNY-BUFFALO +	21,085
2	CALIFORNIA, LOS ANGELES	95,610	57	COLORADO STATE	21,081
3	ILLINOIS, URBANA	91,094	58	PURDUE +	20,542
4	CALIFORNIA, BERKELEY	83,351	59	JOHNS HOPKINS	20,390
5	MICHIGAN	69,566	60	DARTMOUTH	20,122
6	COLUMBIA	65,275	61	MIAMI	19,601
7	CORNELL	61,673	62	CINCINNATI	19,431
8	YALE +	57,377	63	AUBURN	19,193
9	WASHINGTON	56,295	64	BRITISH COLUMBIA	18,996
10	TEXAS	51,562	65	OKLAHOMA STATE	18,866
11	MINNESOTA	47,867	66	CALIFORNIA, SANTA BARBARA	18,825
12	VIRGINIA	47,392	67	VPI & SU	18,737
13	CALIFORNIA, DAVIS	46,655	68	WASHINGTON U.-ST. LOUIS +	18,601
14	GEORGIA	46,169	69	LOUISIANA STATE	18,570
15	WISCONSIN	44,818	70	SOUTH CAROLINA	18,047
16	STANFORD +	44,131	71	MIT	17,815
17	NORTH CAROLINA	43,571	72	CONNECTICUT +	17,742
18	INDIANA	41,064	73	TENNESSEE	17,478
19	CHICAGO	40,711	74	SOUTHERN ILLINOIS +	17,362
20	TORONTO	39,119	75	WESTERN ONTARIO	17,038
21	NORTHWESTERN	39,033	76	VANDERBILT +	17,009
22	IOWA	38,370	77	NEW MEXICO	16,783
23	ARIZONA STATE	36,254	78	MCGILL	16,732
24	PENNSYLVANIA	33,530	79	OKLAHOMA	16,569
25	OHIO STATE	33,280	80	BRIGHAM YOUNG	16,487
26	DUKE +	33,205	81	ILLINOIS, CHICAGO	16,463
27	PRINCETON	33,073	82	SYRACUSE	16,425
28	KANSAS	32,341	83	FLORIDA STATE +	16,384
29	PENNSYLVANIA STATE	31,806	84	OREGON	16,259
30	NEW YORK	29,687	85	SUNY-ALBANY	16,103
31	COLORADO	29,517	86	UTAH	15,545
32	RUTGERS	29,490	87	MASSACHUSETTS	15,518
33	BOSTON	28,949	88	HOUSTON +	15,133
34	MICHIGAN STATE	27,594	89	TULANE +	14,876
35	SOUTHERN CALIFORNIA	27,419	90	HOWARD +	14,463
36	HAWAII	27,316	91	ALABAMA	14,425
37	GEORGETOWN +	27,122	92	TEMPLE	14,413
38	FLORIDA	26,775	93	LAVAL	14,369
39	KENTUCKY	26,394	94	WATERLOO	14,184
40	MARYLAND	26,259	95	SASKATCHEWAN	13,816
41	OHIO	25,839	96	CASE WESTERN RESERVE	13,599
42	PITTSBURGH	25,786	97	CALIFORNIA, RIVERSIDE	13,255
43	ALBERTA	25,673	98	BROWN	13,101
44	ARIZONA	25,248	99	GEORGIA TECH	12,726
45	WASHINGTON STATE	25,166	100	YORK	12,542
46	WAYNE STATE	24,691	101	MCMMASTER	11,976
47	EMORY	24,687	102	DELAWARE +	11,781
48	MISSOURI	23,618	103	QUEEN'S +	11,730
49	NOTRE DAME	23,505	104	KENT STATE	11,676
50	CALIFORNIA, SAN DIEGO	23,421	105	SUNY-STONY BROOK	11,139
51	TEXAS A&M	22,781	106	GUELPH	10,375
52	NEBRASKA	21,895	107	RICE	10,093
53	IOWA STATE	21,775	108	ROCHESTER	9,829
54	NORTH CAROLINA STATE	21,586	109	MANITOBA +	9,591
55	CALIFORNIA, IRVINE	21,107			

+ - Figure does not include government document serials.

RANK ORDER TABLE 4: MICROFORM UNITS

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	HARVARD	7,953,568	56	TORONTO	3,579,762
2	CORNELL	6,980,459	57	BOSTON	3,564,394
3	ARIZONA STATE	6,484,688	58	OKLAHOMA	3,562,814
4	WASHINGTON	6,432,950	59	CALIFORNIA, SANTA BARBARA	3,463,288
5	MISSOURI	6,365,210	60	WAYNE STATE	3,417,154
6	NEW MEXICO	6,185,795	61	OKLAHOMA STATE	3,416,124
7	FLORIDA	6,026,299	62	YORK	3,396,693
8	VPI & SU	5,962,090	63	QUEEN'S	3,370,409
9	IOWA	5,819,830	64	PENNSYLVANIA STATE	3,355,549
10	CALIFORNIA, LOS ANGELES	5,815,667	65	UTAH	3,344,499
11	CALIFORNIA, BERKELEY	5,675,702	66	DUKE	3,314,158
12	HAWAII	5,657,508	67	WESTERN ONTARIO	3,314,155
13	KENTUCKY	5,593,370	68	NORTHWESTERN	3,284,677
14	SOUTHERN CALIFORNIA	5,588,965	69	ALABAMA	3,224,111
15	COLORADO	5,569,400	70	EMORY	3,178,980
16	MICHIGAN	5,566,940	71	MIAMI	3,110,320
17	GEORGIA	5,507,430	72	WASHINGTON STATE	3,072,829
18	ARIZONA	5,309,084	73	CINCINNATI	3,009,059
19	TEXAS	5,295,504	74	PENNSYLVANIA	2,999,180
20	MINNESOTA	5,242,524	75	KANSAS	2,983,680
21	YALE	5,240,110	76	IOWA STATE	2,888,345
22	RUTGERS	5,149,326	77	GEORGETOWN	2,879,589
23	COLUMBIA	5,124,800	78	SASKATCHEWAN	2,849,594
24	MICHIGAN STATE	5,101,191	79	DELAWARE	2,848,718
25	MARYLAND	5,072,884	80	SUNY-ALBANY	2,814,892
26	LOUISIANA STATE	4,995,722	81	WASHINGTON U.-ST. LOUIS	2,809,952
27	STANFORD	4,843,443	82	NOTRE DAME	2,746,657
28	SUNY-BUFFALO	4,740,453	83	VANDERBILT	2,656,637
29	TEXAS A&M	4,618,364	84	CALIFORNIA, SAN DIEGO	2,605,157
30	ILLINOIS, URBANA	4,577,775	85	TEMPLE	2,540,569
31	VIRGINIA	4,569,358	86	DARTMOUTH	2,436,419
32	FLORIDA STATE	4,545,276	87	ILLINOIS, CHICAGO	2,415,405
33	BRITISH COLUMBIA	4,456,148	88	OHIO	2,411,657
34	NORTH CAROLINA STATE	4,427,896	89	TULANE	2,406,856
35	WISCONSIN	4,392,043	90	RICE	2,402,575
36	TENNESSEE	4,356,422	91	COLORADO STATE	2,327,921
37	SOUTH CAROLINA	4,281,147	92	BRIGHAM YOUNG	2,311,821
38	OHIO STATE	4,196,464	93	CHICAGO	2,308,586
39	ROCHESTER	4,102,438	94	AUBURN	2,289,345
40	NEBRASKA	4,062,246	95	PURDUE	2,259,260
41	NORTH CAROLINA	4,044,679	96	CASE WESTERN RESERVE	2,226,822
42	NEW YORK	4,001,184	97	MASSACHUSETTS	2,193,812
43	SOUTHERN ILLINOIS	3,912,487	98	CALIFORNIA, IRVINE	2,186,867
44	PRINCETON	3,892,428	99	MIT	2,163,900
45	GEORGIA TECH	3,837,639	100	OREGON	1,906,570
46	CONNECTICUT	3,827,347	101	CALIFORNIA, RIVERSIDE	1,615,027
47	SUNY-STONY BROOK	3,768,065	102	BROWN	1,561,108
48	INDIANA	3,743,511	103	GUELPH	1,495,483
49	HOUSTON	3,733,365	104	MCMASTER	1,407,290
50	HOWARD	3,702,296	105	MCGILL	1,402,613
51	CALIFORNIA, DAVIS	3,689,558	106	WATERLOO	1,389,614
52	PITTSBURGH	3,651,950	107	MANITOBA	1,281,570
53	ALBERTA	3,637,355	108	LAVAL	1,206,230
54	SYRACUSE	3,621,095	109	KENT STATE	1,167,194
55	JOHNS HOPKINS	3,585,880			

RANK ORDER TABLE 5: GOVERNMENT DOCUMENTS

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	MINNESOTA	2,910,143	56	VANDERBILT	228,477
2	RUTGERS	2,635,042	57	CALIFORNIA, SAN DIEGO	208,323
3	OKLAHOMA	1,740,824	58	TEMPLE	200,466
4	MISSOURI	1,732,296	59	COLUMBIA	174,033
5	COLORADO	1,623,397	60	MCMASTER	158,195
6	NORTH CAROLINA	1,576,559	61	EMORY	128,532
7	DUKE	1,348,849	62	OHIO STATE	128,425
8	FLORIDA	1,194,892	63	CALIFORNIA, BERKELEY	106,259
9	ALABAMA	1,153,248	64	CALIFORNIA, DAVIS	100,834
10	KENTUCKY	1,147,735	65	LOUISIANA STATE	84,720
11	YALE	1,069,431	66	CASE WESTERN RESERVE	76,596
12	IOWA	1,024,507	67	INDIANA	70,364
13	QUEEN'S	1,000,938	68	CALIFORNIA, LOS ANGELES	69,882
14	TULANE	979,608	69	TEXAS A&M	65,519
15	GEORGIA	917,766	70	STANFORD	34,549
16	FLORIDA STATE	883,559	71	PITTSBURGH	22,262
17	MCGILL	831,859	72	OKLAHOMA STATE	16,073
18	BRITISH COLUMBIA	830,415	73	NORTHWESTERN	6,401
19	VIRGINIA	795,366	74	TENNESSEE	6,212
20	SOUTH CAROLINA	787,726	75	WASHINGTON U.-ST. LOUIS	4,000
21	UTAH	765,759	76	OHIO	1,130
22	MARYLAND	743,194	77	LAVAL	500
23	ARIZONA STATE	730,430	78	KENT STATE	137
24	KANSAS	696,618	79	ARIZONA	0
25	ILLINOIS, CHICAGO	696,109	79	BROWN	0
26	CALIFORNIA, SANTA BARBARA	667,863	79	DARTMOUTH	0
27	HOUSTON	651,191	79	GEORGIA TECH	0
28	ROCHESTER	558,646	79	GUELPH	0
29	NEBRASKA	540,571	79	HAWAII	0
30	PRINCETON	530,757	79	IOWA STATE	0
31	MANITOBA	512,690	79	JOHNS HOPKINS	0
32	MIAMI	510,111	79	MIT	0
33	SOUTHERN CALIFORNIA	487,581	79	MICHIGAN	0
34	PURDUE	481,865	79	MICHIGAN STATE	0
35	OREGON	468,411	79	NORTH CAROLINA STATE	0
36	ALBERTA	449,269	79	NOTRE DAME	0
37	GEORGETOWN	446,802	79	PENNSYLVANIA	0
38	NEW YORK	421,322	79	PENNSYLVANIA STATE	0
39	SOUTHERN ILLINOIS	418,174	79	SUNY-ALBANY	0
40	DELAWARE	416,299	79	TEXAS	0
41	VPI & SU	399,525	79	WESTERN ONTARIO	0
42	CINCINNATI	399,121	79	YORK	0
43	AUBURN	391,818	98	BOSTON	U/A
44	WAYNE STATE	380,910	98	CHICAGO	U/A
45	SASKATCHEWAN	375,420	98	CONNECTICUT	U/A
46	CALIFORNIA, RIVERSIDE	363,741	98	CORNELL	U/A
47	BRIGHAM YOUNG	355,439	98	HARVARD	U/A
48	RICE	319,698	98	HOWARD	U/A
49	CALIFORNIA, IRVINE	319,421	98	ILLINOIS, URBANA	U/A
50	COLORADO STATE	316,179	98	SUNY-BUFFALO	U/A
51	MASSACHUSETTS	315,238	98	TORONTO	U/A
52	SYRACUSE	293,631	98	WASHINGTON	U/A
53	NEW MEXICO	285,011	98	WASHINGTON STATE	U/A
54	WISCONSIN	271,091	98	WATERLOO	U/A
55	SUNY-STONY BROOK	240,746			

U/A - Unavailable

RANK ORDER TABLE 6: TOTAL LIBRARY MATERIALS EXPENDITURES

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	HARVARD	\$15,835,910	56	IOWA STATE	\$5,042,111
2	STANFORD	13,587,712	57	TENNESSEE	4,975,353
3	YALE	13,353,000	58	WAYNE STATE	4,954,820
4	MICHIGAN	12,572,215	59	NEBRASKA	4,926,550
5	TORONTO	10,063,511	60	KENTUCKY	4,892,045
6	CALIFORNIA, BERKELEY	9,985,658	61	PURDUE	4,883,768
7	PRINCETON	9,782,213	62	OREGON	4,848,267
8	COLUMBIA	9,630,835	63	MCGILL	4,823,580
9	CALIFORNIA, LOS ANGELES	9,502,100	64	SOUTHERN ILLINOIS	4,784,989
10	CORNELL	9,159,829	65	DELAWARE	4,783,698
11	WASHINGTON	9,128,097	66	CONNECTICUT	4,763,339
12	MINNESOTA	8,789,784	67	RICE	4,710,551
13	NORTH CAROLINA	8,614,336	68	TEMPLE	4,709,398
14	PENNSYLVANIA STATE	8,045,636	69	SOUTH CAROLINA	4,701,778
15	WISCONSIN	8,040,673	70	LAVAL	4,671,430
16	DUKE	8,023,516	71	SUNY-BUFFALO	4,653,346
17	PENNSYLVANIA	8,015,076	72	BRIGHAM YOUNG	4,625,350
18	INDIANA	7,977,911	73	NEW MEXICO	4,563,672
19	OHIO STATE	7,900,326	74	CALIFORNIA, IRVINE	4,395,520
20	ILLINOIS, URBANA	7,788,533	75	WESTERN ONTARIO	4,391,205
21	CHICAGO	7,754,976	76	FLORIDA STATE	4,385,202
22	VIRGINIA	7,667,486	77	TULANE	4,343,554
23	JOHNS HOPKINS	7,655,416	78	DARTMOUTH	4,336,681
24	COLORADO	7,564,265	79	BROWN	4,256,138
25	PITTSBURGH	7,510,167	80	BOSTON	4,216,387
26	ARIZONA	7,284,160	81	SASKATCHEWAN	4,168,626
27	NEW YORK	7,276,221	82	ROCHESTER	4,153,212
28	RUTGERS	7,199,786	83	OKLAHOMA	4,118,249
29	TEXAS	7,128,615	84	MASSACHUSETTS	4,108,093
30	EMORY	7,097,722	85	HOUSTON	4,102,070
31	BRITISH COLUMBIA	7,004,396	86	COLORADO STATE	4,029,523
32	ARIZONA STATE	6,972,105	87	CASE WESTERN RESERVE	4,012,726
33	ALBERTA	6,959,927	88	SUNY-STONY BROOK	3,901,705
34	SOUTHERN CALIFORNIA	6,958,495	89	QUEEN'S	3,880,303
35	GEORGIA	6,735,604	90	YORK	3,843,924
36	NORTHWESTERN	6,471,391	91	HOWARD	3,731,366
37	FLORIDA	6,467,004	92	MIT	3,637,605
38	WASHINGTON U.-ST. LOUIS	6,348,160	93	OHIO	3,636,202
39	IOWA	6,345,483	94	WASHINGTON STATE	3,579,743
40	CALIFORNIA, DAVIS	6,323,446	95	MCMASTER	3,561,900
41	TEXAS A&M	6,162,606	96	SYRACUSE	3,541,454
42	NOTRE DAME	6,018,741	97	GEORGIA TECH	3,502,671
43	GEORGETOWN	5,844,383	98	OKLAHOMA STATE	3,488,367
44	CALIFORNIA, SAN DIEGO	5,718,491	99	AUBURN	3,434,125
45	NORTH CAROLINA STATE	5,681,248	100	CALIFORNIA, SANTA BARBARA	3,391,780
46	UTAH	5,625,839	101	LOUISIANA STATE	3,358,379
47	MICHIGAN STATE	5,531,455	102	WATERLOO	3,352,852
48	MIAMI	5,357,772	103	CALIFORNIA, RIVERSIDE	3,249,826
49	MARYLAND	5,333,350	104	SUNY-ALBANY	3,175,138
50	CINCINNATI	5,331,883	105	ALABAMA	3,158,503
51	VANDERBILT	5,273,836	106	HAWAII	3,041,572
52	KANSAS	5,256,347	107	KENT STATE	2,864,561
53	ILLINOIS, CHICAGO	5,248,983	108	MANITOBA	2,575,068
54	VPI & SU	5,188,268	109	GUELPH	2,277,516
55	MISSOURI	5,126,482			

RANK ORDER TABLE 7: TOTAL SALARIES & WAGES EXPENDITURES

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	HARVARD	\$35,061,457	56	COLORADO	\$6,661,418
2	STANFORD	20,633,693	57	UTAH	6,480,272
3	CALIFORNIA, BERKELEY	19,015,914	58	BRIGHAM YOUNG	6,473,226
4	TORONTO	18,689,138	59	CINCINNATI	6,472,406
5	CALIFORNIA, LOS ANGELES	18,580,160	60	VANDERBILT	6,306,699
6	YALE	16,974,000	61	YORK	6,213,065
7	COLUMBIA	15,282,540	62	MIT	6,168,294
8	RUTGERS	15,236,585	63	BROWN	6,090,392
9	MICHIGAN	14,559,917	64	WESTERN ONTARIO	6,037,334
10	WISCONSIN	14,524,446	65	TENNESSEE	5,955,991
11	CORNELL	13,541,675	66	BOSTON	5,954,040
12	WASHINGTON	13,245,347	67	HAWAII	5,947,996
13	PENNSYLVANIA STATE	12,841,710	68	SOUTH CAROLINA	5,814,317
14	MINNESOTA	12,663,381	69	IOWA STATE	5,807,144
15	ILLINOIS, URBANA	12,555,528	70	MIAMI	5,795,984
16	PRINCETON	12,510,638	71	MASSACHUSETTS	5,622,623
17	TEXAS	12,377,812	72	PURDUE	5,452,317
18	NEW YORK	11,905,693	73	NORTH CAROLINA STATE	5,451,693
19	INDIANA	10,990,647	74	MANITOBA	5,416,716
20	PENNSYLVANIA	10,923,785	75	NOTRE DAME	5,409,632
21	BRITISH COLUMBIA	10,531,865	76	TEMPLE	5,312,273
22	SOUTHERN CALIFORNIA	10,279,648	77	SUNY-STONY BROOK	5,280,147
23	NORTH CAROLINA	10,255,434	78	KENT STATE	5,052,235
24	OHIO STATE	9,834,452	79	DELAWARE	5,042,223
25	CALIFORNIA, SAN DIEGO	9,422,464	80	QUEEN'S	5,025,636
26	DUKE	9,268,438	81	OREGON	4,997,499
27	PITTSBURGH	9,111,379	82	DARTMOUTH	4,930,757
28	VIRGINIA	9,075,391	83	SOUTHERN ILLINOIS	4,906,976
29	CHICAGO	9,054,158	84	MISSOURI	4,877,900
30	NEW MEXICO	8,590,422	85	SYRACUSE	4,859,128
31	ARIZONA STATE	8,536,261	86	WATERLOO	4,831,153
32	CALIFORNIA, DAVIS	8,445,160	87	NEBRASKA	4,773,223
33	NORTHWESTERN	8,411,838	88	MCMASTER	4,626,493
34	ALBERTA	8,411,149	89	ROCHESTER	4,625,745
35	FLORIDA	8,389,078	90	CASE WESTERN RESERVE	4,582,326
36	IOWA	8,293,572	91	WASHINGTON STATE	4,565,284
37	ARIZONA	8,098,855	92	LOUISIANA STATE	4,379,797
38	JOHNS HOPKINS	8,077,585	93	OHIO	4,371,898
39	CONNECTICUT	8,030,796	94	HOWARD	4,266,554
40	MARYLAND	7,856,657	95	FLORIDA STATE	4,236,026
41	GEORGETOWN	7,702,209	96	CALIFORNIA, RIVERSIDE	4,208,096
42	MCGILL	7,646,423	97	TULANE	4,121,871
43	CALIFORNIA, IRVINE	7,483,935	98	HOUSTON	4,106,288
44	GEORGIA	7,463,307	99	VPI & SU	4,012,769
45	EMORY	7,258,805	100	COLORADO STATE	3,968,345
46	KENTUCKY	7,208,019	101	SUNY-ALBANY	3,958,061
47	MICHIGAN STATE	7,198,041	102	SASKATCHEWAN	3,940,440
48	CALIFORNIA, SANTA BARBARA	7,196,046	103	ALABAMA	3,908,622
49	ILLINOIS, CHICAGO	7,096,363	104	OKLAHOMA	3,665,655
50	WASHINGTON U.-ST. LOUIS	7,084,422	105	AUBURN	3,615,846
51	LAVAL	6,939,961	106	GUELPH	3,565,665
52	SUNY-BUFFALO	6,836,033	107	GEORGIA TECH	3,129,805
53	TEXAS A&M	6,777,685	108	OKLAHOMA STATE	3,101,427
54	KANSAS	6,684,156	109	RICE	3,052,807
55	WAYNE STATE	6,666,623			

RANK ORDER TABLE 8: OTHER OPERATING EXPENDITURES

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	HARVARD	\$15,421,479	56	BOSTON	\$1,976,105
2	CALIFORNIA, LOS ANGELES	8,709,495	57	SUNY-BUFFALO	1,944,721
3	STANFORD	7,608,201	58	RUTGERS	1,806,413
4	YALE	7,171,600	59	CALIFORNIA, IRVINE	1,797,199
5	MICHIGAN	5,634,231	60	FLORIDA	1,756,541
6	WISCONSIN	5,241,325	61	CALIFORNIA, SANTA BARBARA	1,736,729
7	PENNSYLVANIA	5,005,224	62	BRIGHAM YOUNG	1,693,546
8	MINNESOTA	4,831,491	63	CINCINNATI	1,684,045
9	CORNELL	4,712,754	64	SYRACUSE	1,671,897
10	CALIFORNIA, BERKELEY	4,527,273	65	KENT STATE	1,668,191
11	DUKE	4,204,340	66	GEORGIA	1,662,876
12	YORK	4,142,962	67	OKLAHOMA STATE	1,647,995
13	CHICAGO	3,704,724	68	ILLINOIS, CHICAGO	1,608,213
14	INDIANA	3,672,269	69	VPI & SU	1,605,782
15	EMORY	3,622,076	70	TENNESSEE	1,566,744
16	NEW MEXICO	3,486,213	71	MIT	1,565,277
17	JOHNS HOPKINS	3,475,450	72	TORONTO	1,545,661
18	ARIZONA STATE	3,450,124	73	DARTMOUTH	1,516,101
19	TEXAS A&M	3,330,173	74	PURDUE	1,497,411
20	COLUMBIA	3,291,050	75	WESTERN ONTARIO	1,433,496
21	ILLINOIS, URBANA	3,263,017	76	TEMPLE	1,405,945
22	TEXAS	3,118,784	77	COLORADO STATE	1,388,244
23	ARIZONA	3,104,861	78	NOTRE DAME	1,377,130
24	SOUTHERN CALIFORNIA	3,073,031	79	WASHINGTON STATE	1,326,524
25	NEW YORK	3,026,657	80	ROCHESTER	1,288,315
26	OHIO	2,987,083	81	ALABAMA	1,235,313
27	NORTH CAROLINA	2,893,266	82	DELAWARE	1,210,539
28	KENTUCKY	2,830,243	83	OKLAHOMA	1,181,132
29	VIRGINIA	2,828,034	84	HOWARD	1,175,102
30	WASHINGTON U.-ST. LOUIS	2,788,501	85	COLORADO	1,158,968
31	BROWN	2,758,496	86	OREGON	1,131,254
32	OHIO STATE	2,752,809	87	CASE WESTERN RESERVE	1,130,371
33	SOUTH CAROLINA	2,750,420	88	AUBURN	1,119,812
34	PENNSYLVANIA STATE	2,675,440	89	CALIFORNIA, DAVIS	1,091,604
35	UTAH	2,672,761	90	NEBRASKA	1,020,652
36	IOWA	2,592,852	91	GEORGIA TECH	1,016,553
37	CONNECTICUT	2,586,089	92	SUNY-ALBANY	1,014,566
38	VANDERBILT	2,512,408	93	TULANE	1,004,658
39	KANSAS	2,504,230	94	RICE	960,066
40	PRINCETON	2,449,203	95	LOUISIANA STATE	922,856
41	PITTSBURGH	2,424,195	96	MASSACHUSETTS	916,027
42	CALIFORNIA, SAN DIEGO	2,413,160	97	HAWAII	883,667
43	IOWA STATE	2,405,734	98	SUNY-STONY BROOK	874,437
44	GEORGETOWN	2,368,610	99	MANITOBA	834,092
45	BRITISH COLUMBIA	2,366,921	100	MCGILL	817,311
46	MARYLAND	2,343,461	101	FLORIDA STATE	788,583
47	MISSOURI	2,333,895	102	QUEEN'S	755,404
48	NORTH CAROLINA STATE	2,276,253	103	GUELPH	729,271
49	NORTHWESTERN	2,203,757	104	SOUTHERN ILLINOIS	687,989
50	HOUSTON	2,170,151	105	CALIFORNIA, RIVERSIDE	658,342
51	WAYNE STATE	2,156,298	106	LAVAL	653,332
52	ALBERTA	2,143,093	107	WATERLOO	621,277
53	MIAMI	2,091,314	108	SASKATCHEWAN	597,921
54	WASHINGTON	2,052,632	109	MCMASTER	445,760
55	MICHIGAN STATE	2,018,360			

RANK ORDER TABLE 9: TOTAL LIBRARY EXPENDITURES

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	HARVARD	\$67,271,257	56	CINCINNATI	\$13,616,852
2	STANFORD	42,424,434	57	SUNY-BUFFALO	13,583,223
3	YALE	37,949,600	58	NORTH CAROLINA STATE	13,528,175
4	CALIFORNIA, LOS ANGELES	37,384,937	59	MCGILL	13,482,730
5	CALIFORNIA, BERKELEY	34,293,434	60	SOUTH CAROLINA	13,455,071
6	MICHIGAN	33,101,829	61	IOWA STATE	13,417,884
7	TORONTO	30,587,234	62	MIAMI	13,380,873
8	COLUMBIA	28,917,183	63	BROWN	13,314,756
9	WISCONSIN	28,003,243	64	BRIGHAM YOUNG	12,985,681
10	CORNELL	27,603,034	65	NOTRE DAME	12,936,200
11	MINNESOTA	26,696,016	66	TENNESSEE	12,627,672
12	PRINCETON	25,277,041	67	CALIFORNIA, SANTA BARBARA	12,492,592
13	WASHINGTON	24,650,961	68	MISSOURI	12,468,461
14	RUTGERS	24,494,063	69	BOSTON	12,338,206
15	PENNSYLVANIA	24,241,866	70	LAVAL	12,281,877
16	PENNSYLVANIA STATE	24,039,187	71	WESTERN ONTARIO	12,002,400
17	ILLINOIS, URBANA	23,934,783	72	PURDUE	11,943,093
18	INDIANA	22,965,123	73	TEMPLE	11,586,124
19	NEW YORK	22,847,502	74	MIT	11,554,114
20	TEXAS	22,808,245	75	DELAWARE	11,151,864
21	NORTH CAROLINA	22,030,930	76	OREGON	11,118,319
22	DUKE	21,742,656	77	OHIO	11,082,226
23	CHICAGO	20,906,976	78	DARTMOUTH	10,991,740
24	OHIO STATE	20,733,898	79	VPI & SU	10,981,470
25	SOUTHERN CALIFORNIA	20,560,601	80	NEBRASKA	10,885,813
26	BRITISH COLUMBIA	20,052,667	81	MASSACHUSETTS	10,769,749
27	VIRGINIA	19,893,696	82	SOUTHERN ILLINOIS	10,557,991
28	PITTSBURGH	19,366,751	83	HOUSTON	10,485,426
29	JOHNS HOPKINS	19,343,986	84	ROCHESTER	10,161,137
30	ARIZONA STATE	19,155,280	85	SYRACUSE	10,157,983
31	ARIZONA	18,752,887	86	SUNY-STONY BROOK	10,140,289
32	EMORY	18,165,894	87	HAWAII	10,046,787
33	CALIFORNIA, SAN DIEGO	17,865,595	88	CASE WESTERN RESERVE	9,822,453
34	ALBERTA	17,622,878	89	QUEEN'S	9,770,937
35	IOWA	17,423,528	90	KENT STATE	9,712,757
36	NORTHWESTERN	17,272,299	91	FLORIDA STATE	9,629,236
37	FLORIDA	16,840,598	92	WASHINGTON STATE	9,568,501
38	NEW MEXICO	16,820,232	93	TULANE	9,559,005
39	TEXAS A&M	16,414,550	94	COLORADO STATE	9,546,112
40	WASHINGTON U.-ST. LOUIS	16,324,638	95	HOWARD	9,254,816
41	CALIFORNIA, DAVIS	16,155,660	96	OKLAHOMA	9,062,040
42	GEORGETOWN	16,135,696	97	MANITOBA	8,927,252
43	GEORGIA	16,125,303	98	WATERLOO	8,867,830
44	MARYLAND	15,719,663	99	RICE	8,778,724
45	CONNECTICUT	15,682,284	100	SASKATCHEWAN	8,771,183
46	COLORADO	15,576,781	101	LOUISIANA STATE	8,760,005
47	KENTUCKY	15,081,506	102	MCMASTER	8,725,065
48	MICHIGAN STATE	15,029,566	103	ALABAMA	8,539,134
49	UTAH	14,977,554	104	OKLAHOMA STATE	8,344,677
50	KANSAS	14,640,696	105	CALIFORNIA, RIVERSIDE	8,300,639
51	YORK	14,350,322	106	AUBURN	8,272,354
52	VANDERBILT	14,287,980	107	SUNY-ALBANY	8,227,613
53	ILLINOIS, CHICAGO	14,085,898	108	GEORGIA TECH	7,736,966
54	WAYNE STATE	13,900,575	109	GUELPH	6,647,294
55	CALIFORNIA, IRVINE	13,870,378			

RANK ORDER TABLE 10: MONOGRAPHS PURCHASED (VOLUMES)

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	CALIFORNIA, LOS ANGELES	149,279	56	COLORADO STATE	25,428
2	TORONTO	119,847	57	HOUSTON	25,120
3	YALE	108,999	58	MIAMI	24,600
4	NEW YORK	68,580	59	WASHINGTON U.-ST. LOUIS	24,375
5	ILLINOIS, URBANA	66,878	60	AUBURN	23,826
6	CHICAGO	65,718	61	TULANE	23,301
7	ARIZONA STATE	64,371	62	QUEEN'S	21,804
8	NORTH CAROLINA	63,560	63	VPI & SU	21,726
9	CALIFORNIA, SAN DIEGO	62,104	64	ROCHESTER	21,128
10	GEORGIA	61,757	65	ALABAMA	20,699
11	PENNSYLVANIA	59,542	66	CONNECTICUT	20,623
12	WISCONSIN	58,660	67	WAYNE STATE	20,069
13	VIRGINIA	58,286	68	BOSTON	19,979
14	INDIANA	56,500	69	SUNY-STONY BROOK	19,925
15	BRITISH COLUMBIA	54,610	70	SUNY-ALBANY	19,789
16	OHIO STATE	53,333	71	HOWARD	19,130
17	COLORADO	51,020	72	NEBRASKA	18,965
18	ARIZONA	50,555	73	OKLAHOMA	18,173
19	DUKE	49,181	74	SOUTHERN ILLINOIS	18,091
20	SOUTHERN CALIFORNIA	47,608	75	MCMASTER	17,600
21	TEXAS	47,512	76	WASHINGTON STATE	17,255
22	NORTH CAROLINA STATE	43,022	77	WATERLOO	17,202
23	FLORIDA	42,341	78	KENTUCKY	17,198
24	IOWA	42,040	79	SASKATCHEWAN	17,153
25	BRIGHAM YOUNG	40,935	80	MIT	16,830
26	JOHNS HOPKINS	40,327	81	CALIFORNIA, IRVINE	16,594
27	WASHINGTON	40,227	82	SYRACUSE	15,138
28	KANSAS	39,402	83	PURDUE	15,066
29	NOTRE DAME	37,994	84	OKLAHOMA STATE	14,513
30	MARYLAND	37,288	85	KENT STATE	14,035
31	MINNESOTA	35,980	86	CASE WESTERN RESERVE	13,544
32	RUTGERS	35,788	87	LOUISIANA STATE	13,268
33	YORK	35,603	88	MANITOBA	12,944
34	ALBERTA	35,538	89	GEORGIA TECH	11,731
35	SUNY-BUFFALO	35,371	90	GUELPH	11,688
36	SOUTH CAROLINA	35,308	91	HAWAII	9,471
37	DARTMOUTH	34,461	92	CALIFORNIA, BERKELEY	U/A
38	CALIFORNIA, SANTA BARBARA	33,558	92	CALIFORNIA, DAVIS	U/A
39	DELAWARE	33,332	92	COLUMBIA	U/A
40	MASSACHUSETTS	31,801	92	CORNELL	U/A
41	MICHIGAN STATE	31,136	92	EMORY	U/A
42	GEORGETOWN	30,485	92	FLORIDA STATE	U/A
43	TEXAS A&M	30,479	92	HARVARD	U/A
44	MCGILL	30,477	92	MICHIGAN	U/A
45	TENNESSEE	30,302	92	NORTHWESTERN	U/A
46	NEW MEXICO	29,568	92	OHIO	U/A
47	OREGON	29,543	92	PENNSYLVANIA STATE	U/A
48	CINCINNATI	29,483	92	PITTSBURGH	U/A
49	CALIFORNIA, RIVERSIDE	29,221	92	PRINCETON	U/A
50	BROWN	27,302	92	RICE	U/A
51	TEMPLE	27,139	92	STANFORD	U/A
52	ILLINOIS, CHICAGO	26,586	92	UTAH	U/A
53	MISSOURI	26,276	92	VANDERBILT	U/A
54	IOWA STATE	26,262	92	WESTERN ONTARIO	U/A
55	LAVAL	25,560			

U/A - Unavailable

RANK ORDER TABLE 11: EXPENDITURES FOR MONOGRAPHS

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	STANFORD	\$7,336,415	56	FLORIDA	\$1,420,657
2	HARVARD	6,735,483	57	NEW MEXICO	1,383,344
3	TORONTO	4,533,608	58	OREGON	1,373,363
4	PRINCETON	4,478,534	59	DARTMOUTH	1,343,680
5	CALIFORNIA, LOS ANGELES	4,398,432	60	WASHINGTON U.-ST. LOUIS	1,315,720
6	MICHIGAN	4,352,773	61	VANDERBILT	1,314,645
7	CALIFORNIA, BERKELEY	4,286,731	62	IOWA STATE	1,311,117
8	COLUMBIA	3,613,452	63	WAYNE STATE	1,305,299
9	YALE	3,544,000	64	TULANE	1,287,055
10	CHICAGO	3,478,010	65	TENNESSEE	1,273,088
11	CORNELL	3,144,674	66	CALIFORNIA, SANTA BARBARA	1,249,570
12	NEW YORK	2,800,572	67	ILLINOIS, CHICAGO	1,240,417
13	DUKE	2,774,272	68	MASSACHUSETTS	1,185,661
14	VIRGINIA	2,733,676	69	WESTERN ONTARIO	1,183,492
15	EMORY	2,725,579	70	YORK	1,177,014
16	PENNSYLVANIA	2,708,593	71	CALIFORNIA, RIVERSIDE	1,176,402
17	PENNSYLVANIA STATE	2,610,151	72	TEMPLE	1,132,154
18	ALBERTA	2,581,632	73	CALIFORNIA, IRVINE	1,123,578
19	ARIZONA STATE	2,569,212	74	COLORADO STATE	1,116,096
20	INDIANA	2,537,587	75	FLORIDA STATE	1,113,724
21	NORTH CAROLINA	2,487,381	76	AUBURN	1,063,712
22	OHIO STATE	2,477,200	77	QUEEN'S	1,060,851
23	ILLINOIS, URBANA	2,446,576	78	ROCHESTER	1,053,683
24	WISCONSIN	2,407,929	79	OHIO	1,050,229
25	MINNESOTA	2,353,557	80	MIAMI	1,043,452
26	CALIFORNIA, DAVIS	2,340,876	81	SUNY-BUFFALO	1,024,859
27	PITTSBURGH	2,287,475	82	VPI & SU	1,015,318
28	TEXAS	2,265,511	83	HOUSTON	1,003,623
29	GEORGIA	2,221,191	84	SASKATCHEWAN	972,246
30	WASHINGTON	2,197,434	85	PURDUE	956,311
31	ARIZONA	2,075,566	86	NEBRASKA	905,579
32	JOHNS HOPKINS	2,035,885	87	LAVAL	901,354
33	BRIGHAM YOUNG	2,004,248	88	KENTUCKY	888,816
34	SOUTHERN CALIFORNIA	1,972,213	89	WATERLOO	877,793
35	COLORADO	1,937,682	90	LOUISIANA STATE	852,706
36	UTAH	1,927,772	91	WASHINGTON STATE	821,364
37	DELAWARE	1,923,623	92	SUNY-ALBANY	795,480
38	MARYLAND	1,922,149	93	KENT STATE	782,758
39	NOTRE DAME	1,921,252	94	MCMASTER	779,400
40	IOWA	1,915,660	95	GEORGIA TECH	776,973
41	NORTHWESTERN	1,882,871	96	MIT	769,102
42	TEXAS A&M	1,826,079	97	ALABAMA	767,082
43	MISSOURI	1,769,499	98	BOSTON	720,008
44	MICHIGAN STATE	1,740,983	99	SOUTHERN ILLINOIS	706,481
45	NORTH CAROLINA STATE	1,737,901	100	SUNY-STONY BROOK	699,390
46	KANSAS	1,724,828	101	MANITOBA	696,883
47	RICE	1,722,081	102	OKLAHOMA	690,324
48	CALIFORNIA, SAN DIEGO	1,720,588	103	OKLAHOMA STATE	686,219
49	GEORGETOWN	1,647,707	104	SYRACUSE	685,086
50	RUTGERS	1,639,607	105	CONNECTICUT	660,693
51	BROWN	1,593,226	106	CASE WESTERN RESERVE	658,107
52	BRITISH COLUMBIA	1,577,302	107	GUELPH	601,001
53	MCGILL	1,530,766	108	HOWARD	478,084
54	SOUTH CAROLINA	1,444,015	109	HAWAII	249,168
55	CINCINNATI	1,430,040			

RANK ORDER TABLE 12: CURRENT SERIALS PURCHASED (SUBSCRIPTIONS)

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	COLUMBIA	40,263	56	MCGILL	11,639
2	WASHINGTON	36,665	57	CALIFORNIA, IRVINE	11,285
3	MICHIGAN	35,184	58	OREGON	11,262
4	MINNESOTA	33,598	59	CALIFORNIA, SANTA BARBARA	11,187
5	WISCONSIN	33,424	60	CASE WESTERN RESERVE	11,123
6	TORONTO	30,657	61	QUEEN'S	11,026
7	NEW YORK	28,741	62	NORTH CAROLINA STATE	10,782
8	INDIANA	27,820	63	LAVAL	10,762
9	TEXAS	27,209	64	MASSACHUSETTS	10,648
10	GEORGETOWN	25,080	65	TEMPLE	10,452
11	VIRGINIA	24,940	66	BROWN	10,243
12	OHIO STATE	24,331	67	ALABAMA	9,807
13	SOUTHERN CALIFORNIA	21,871	68	BRIGHAM YOUNG	9,504
14	ARIZONA STATE	21,768	69	DELAWARE	9,381
15	NORTH CAROLINA	21,692	70	MIT	9,211
16	ARIZONA	21,682	71	COLORADO STATE	9,025
17	PENNSYLVANIA STATE	21,067	72	ROCHESTER	8,936
18	FLORIDA	20,454	73	SASKATCHEWAN	8,693
19	ALBERTA	19,569	74	MCMASTER	8,447
20	IOWA	19,393	75	MANITOBA	8,323
21	COLORADO	18,347	76	SUNY-STONY BROOK	8,125
22	WASHINGTON U.-ST. LOUIS	18,257	77	RICE	7,982
23	KANSAS	17,884	78	AUBURN	7,819
24	HAWAII	17,753	79	KENT STATE	7,734
25	EMORY	17,357	80	CALIFORNIA, RIVERSIDE	7,393
26	BOSTON	17,285	81	GEORGIA TECH	6,159
27	TEXAS A&M	17,017	82	CALIFORNIA, BERKELEY	U/A
28	DARTMOUTH	16,821	82	CALIFORNIA, DAVIS	U/A
29	SUNY-BUFFALO	16,550	82	CALIFORNIA, LOS ANGELES	U/A
30	TENNESSEE	16,306	82	CHICAGO	U/A
31	WAYNE STATE	16,232	82	CINCINNATI	U/A
32	OKLAHOMA	16,155	82	CORNELL	U/A
33	CONNECTICUT	16,067	82	DUKE	U/A
34	VANDERBILT	15,859	82	FLORIDA STATE	U/A
35	MIAMI	15,835	82	GEORGIA	U/A
36	CALIFORNIA, SAN DIEGO	15,402	82	GUELPH	U/A
37	JOHNS HOPKINS	15,377	82	HARVARD	U/A
38	SYRACUSE	15,369	82	ILLINOIS, URBANA	U/A
39	ILLINOIS, CHICAGO	15,161	82	MISSOURI	U/A
40	IOWA STATE	15,069	82	NORTHWESTERN	U/A
41	SOUTHERN ILLINOIS	14,996	82	NOTRE DAME	U/A
42	TULANE	14,718	82	OHIO	U/A
43	MARYLAND	14,376	82	OKLAHOMA STATE	U/A
44	HOUSTON	14,334	82	PENNSYLVANIA	U/A
45	KENTUCKY	14,227	82	PITTSBURGH	U/A
46	BRITISH COLUMBIA	14,188	82	PRINCETON	U/A
47	HOWARD	14,106	82	RUTGERS	U/A
48	MICHIGAN STATE	13,231	82	SOUTH CAROLINA	U/A
49	VPI & SU	12,987	82	STANFORD	U/A
50	LOUISIANA STATE	12,790	82	SUNY-ALBANY	U/A
51	UTAH	12,692	82	WASHINGTON STATE	U/A
52	NEBRASKA	12,432	82	WATERLOO	U/A
53	PURDUE	12,310	82	YALE	U/A
54	NEW MEXICO	12,266	82	YORK	U/A
55	WESTERN ONTARIO	11,661			

U/A - Unavailable

RANK ORDER TABLE 13: EXPENDITURES FOR CURRENT SERIALS

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	MICHIGAN	7,429,048	56	MISSOURI	3,356,983
2	WASHINGTON	6,930,663	57	CASE WESTERN RESERVE	3,328,195
3	HARVARD	6,926,565	58	WAYNE STATE	3,304,123
4	STANFORD	6,251,297	59	IOWA STATE	3,298,860
5	COLUMBIA	6,017,383	60	TEXAS A&M	3,264,894
6	CALIFORNIA, BERKELEY	5,698,927	61	KANSAS	3,250,221
7	MINNESOTA	5,532,887	62	WESTERN ONTARIO	3,207,713
8	TORONTO	5,529,903	63	SOUTHERN ILLINOIS	3,206,095
9	OHIO STATE	5,423,126	64	VPI & SU	3,185,667
10	YALE	5,166,000	65	MARYLAND	3,154,953
11	CORNELL	4,989,490	66	CALIFORNIA, IRVINE	3,145,945
12	DUKE	4,873,710	67	OKLAHOMA	3,144,795
13	BRITISH COLUMBIA	4,867,009	68	FLORIDA STATE	3,095,972
14	WISCONSIN	4,695,634	69	SASKATCHEWAN	3,091,624
15	ILLINOIS, URBANA	4,671,760	70	BOSTON	3,043,404
16	NORTH CAROLINA	4,633,027	71	SUNY-BUFFALO	3,021,069
17	PENNSYLVANIA STATE	4,614,866	72	SOUTH CAROLINA	2,986,011
18	SOUTHERN CALIFORNIA	4,571,562	73	OREGON	2,891,599
19	CALIFORNIA, LOS ANGELES	4,570,964	74	NEW MEXICO	2,889,660
20	PITTSBURGH	4,358,926	75	DELAWARE	2,860,075
21	PENNSYLVANIA	4,273,724	76	ROCHESTER	2,800,553
22	CHICAGO	4,210,404	77	QUEEN'S	2,790,118
23	ALBERTA	4,188,173	78	MCMASTER	2,741,314
24	COLORADO	4,129,536	79	NOTRE DAME	2,740,978
25	ARIZONA STATE	4,029,942	80	NORTH CAROLINA STATE	2,703,947
26	MIAMI	4,023,185	81	OKLAHOMA STATE	2,695,379
27	NEW YORK	3,996,291	82	WASHINGTON STATE	2,687,409
28	TEXAS	3,996,248	83	SUNY-STONY BROOK	2,686,717
29	RUTGERS	3,984,669	84	MIT	2,686,360
30	GEORGIA	3,981,172	85	MASSACHUSETTS	2,682,027
31	ILLINOIS, CHICAGO	3,955,649	86	MCGILL	2,674,094
32	ARIZONA	3,938,177	87	DARTMOUTH	2,655,370
33	PURDUE	3,927,457	88	HOUSTON	2,653,159
34	WASHINGTON U.-ST. LOUIS	3,882,510	89	HAWAII	2,622,242
35	FLORIDA	3,852,794	90	BROWN	2,572,912
36	NORTHWESTERN	3,801,325	91	COLORADO STATE	2,547,536
37	INDIANA	3,795,162	92	GEORGIA TECH	2,545,641
38	NEBRASKA	3,778,191	93	LOUISIANA STATE	2,505,673
39	EMORY	3,749,567	94	TULANE	2,502,336
40	GEORGETOWN	3,744,791	95	OHIO	2,479,478
41	JOHNS HOPKINS	3,742,248	96	SYRACUSE	2,471,841
42	MICHIGAN STATE	3,676,208	97	BRIGHAM YOUNG	2,469,518
43	CALIFORNIA, SAN DIEGO	3,672,321	98	RICE	2,451,168
44	PRINCETON	3,652,629	99	HOWARD	2,375,327
45	CINCINNATI	3,635,683	100	ALABAMA	2,334,678
46	UTAH	3,616,895	101	AUBURN	2,300,173
47	VANDERBILT	3,607,899	102	WATERLOO	2,172,314
48	KENTUCKY	3,571,754	103	CALIFORNIA, SANTA BARBARA	2,142,210
49	CALIFORNIA, DAVIS	3,566,732	104	YORK	2,118,706
50	TENNESSEE	3,563,793	105	SUNY-ALBANY	1,987,666
51	VIRGINIA	3,534,894	106	KENT STATE	1,957,190
52	CONNECTICUT	3,522,638	107	CALIFORNIA, RIVERSIDE	1,885,558
53	LAVAL	3,416,727	108	MANITOBA	1,827,275
54	IOWA	3,393,307	109	GUELPH	1,611,864
55	TEMPLE	3,384,928			

RANK ORDER TABLE 14: TOTAL ITEMS LOANED (ILL)

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	MINNESOTA	246,800	56	VPI & SU	25,720
2	ILLINOIS, CHICAGO	104,117	57	BRIGHAM YOUNG	25,670
3	WISCONSIN	92,856	58	EMORY	25,667
4	CALIFORNIA, LOS ANGELES	90,941	59	OREGON	25,577
5	WASHINGTON	81,010	60	IOWA STATE	24,564
6	ALBERTA	72,627	61	LAVAL	24,515
7	HARVARD	71,365	62	CALIFORNIA, IRVINE	24,418
8	CASE WESTERN RESERVE	63,693	63	TORONTO	23,608
9	OHIO STATE	62,966	64	OKLAHOMA STATE	23,403
10	ILLINOIS, URBANA	62,267	65	PENNSYLVANIA	23,293
11	CINCINNATI	61,575	66	JOHNS HOPKINS	23,229
12	MICHIGAN	61,028	67	AUBURN	23,219
13	INDIANA	61,005	68	MIT	23,073
14	DUKE	58,656	69	ARIZONA STATE	22,676
15	CALIFORNIA, BERKELEY	56,195	70	MANITOBA	20,828
16	IOWA	53,947	71	NEW YORK	20,768
17	CALIFORNIA, DAVIS	48,946	72	MCMASTER	20,702
18	OHIO	48,024	73	CALIFORNIA, SANTA BARBARA	20,256
19	BRITISH COLUMBIA	47,685	74	STANFORD	20,099
20	NORTH CAROLINA	46,894	75	RUTGERS	20,007
21	WAYNE STATE	45,467	76	NORTH CAROLINA STATE	19,771
22	TEXAS A&M	44,991	77	WESTERN ONTARIO	19,218
23	FLORIDA	44,758	78	SOUTH CAROLINA	18,940
24	KANSAS	43,601	79	TENNESSEE	18,588
25	CONNECTICUT	41,206	80	NOTRE DAME	18,585
26	CHICAGO	41,164	81	MCGILL	18,440
27	PENNSYLVANIA STATE	39,892	82	KENT STATE	18,423
28	WASHINGTON U.-ST. LOUIS	39,658	83	YORK	17,988
29	MIAMI	39,507	84	TULANE	17,703
30	PITTSBURGH	39,481	85	HAWAII	17,643
31	FLORIDA STATE	38,410	86	PRINCETON	17,578
32	MISSOURI	37,815	87	CORNELL	17,045
33	VIRGINIA	37,538	88	MASSACHUSETTS	16,966
34	SUNY-BUFFALO	36,634	89	VANDERBILT	16,418
35	TEXAS	35,194	90	BOSTON	15,525
36	SUNY-STONY BROOK	34,762	91	SYRACUSE	15,482
37	SOUTHERN ILLINOIS	34,048	92	YALE	15,477
38	COLORADO	32,700	93	LOUISIANA STATE	15,436
39	UTAH	32,600	94	DARTMOUTH	14,473
40	GEORGIA	32,581	95	SOUTHERN CALIFORNIA	13,894
41	COLUMBIA	32,019	96	NEBRASKA	13,771
42	KENTUCKY	31,711	97	GEORGETOWN	13,094
43	OKLAHOMA	31,632	98	BROWN	12,988
44	ARIZONA	30,790	99	DELAWARE	12,880
45	COLORADO STATE	29,731	100	ALABAMA	12,709
46	WASHINGTON STATE	29,190	101	GEORGIA TECH	12,130
47	SUNY-ALBANY	28,907	102	CALIFORNIA, RIVERSIDE	11,791
48	NEW MEXICO	28,240	103	SASKATCHEWAN	10,111
49	CALIFORNIA, SAN DIEGO	28,131	104	QUEEN'S	8,602
50	MICHIGAN STATE	27,939	105	WATERLOO	8,039
51	HOUSTON	27,142	106	TEMPLE	7,714
52	NORTHWESTERN	26,995	107	RICE	7,099
53	ROCHESTER	26,652	108	GUELPH	4,538
54	PURDUE	26,173	109	HOWARD	3,870
54	MARYLAND	26,173			

RANK ORDER TABLE 15: **TOTAL ITEMS BORROWED (ILL/DD)**

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	ILLINOIS, CHICAGO	81,478	56	SUNY-BUFFALO	15,241
2	ILLINOIS, URBANA	53,066	57	VPI & SU	14,900
3	OHIO STATE	46,745	58	DARTMOUTH	14,773
4	CINCINNATI	43,623	59	YALE	14,341
5	OHIO	41,853	60	MIAMI	14,325
6	TEXAS A&M	31,264	61	PITTSBURGH	14,280
7	PENNSYLVANIA	30,775	62	MCMASTER	14,260
8	OKLAHOMA	30,466	63	COLORADO	14,177
9	CASE WESTERN RESERVE	30,424	64	IOWA STATE	14,161
10	CALIFORNIA, SAN DIEGO	30,239	65	LAVAL	14,134
11	INDIANA	29,086	66	LOUISIANA STATE	14,124
12	VIRGINIA	27,489	67	MICHIGAN STATE	14,101
13	CALIFORNIA, IRVINE	26,914	68	UTAH	13,946
14	ALBERTA	26,872	69	MARYLAND	13,908
15	KENT STATE	26,415	70	ROCHESTER	13,857
16	MICHIGAN	26,399	71	DUKE	13,831
17	TENNESSEE	25,371	72	CORNELL	13,591
18	NORTHWESTERN	24,132	73	FLORIDA STATE	13,503
19	KANSAS	23,546	74	VANDERBILT	13,424
20	SOUTHERN ILLINOIS	23,024	75	DELAWARE	12,756
21	NEW MEXICO	22,947	76	QUEEN'S	12,728
22	SOUTH CAROLINA	22,853	77	OKLAHOMA STATE	12,702
23	WASHINGTON U.-ST. LOUIS	22,826	78	WAYNE STATE	12,659
24	COLORADO STATE	22,416	79	FLORIDA	12,616
25	KENTUCKY	21,914	80	OREGON	12,519
26	CHICAGO	21,376	81	SASKATCHEWAN	12,251
27	CONNECTICUT	21,308	82	NOTRE DAME	11,377
28	WISCONSIN	21,258	83	MANITOBA	10,949
29	TEXAS	21,224	84	SYRACUSE	10,876
30	NEW YORK	21,222	85	STANFORD	10,745
31	BRIGHAM YOUNG	20,883	86	ALABAMA	10,400
32	ARIZONA STATE	20,851	87	MCGILL	10,331
33	CALIFORNIA, SANTA BARBARA	20,751	88	EMORY	10,191
34	JOHNS HOPKINS	20,714	89	GEORGETOWN	10,120
35	CALIFORNIA, BERKELEY	20,543	90	WASHINGTON	10,046
36	RUTGERS	20,203	91	SUNY-STONY BROOK	10,042
37	IOWA	19,991	92	MASSACHUSETTS	9,998
38	COLUMBIA	19,756	93	TEMPLE	9,872
39	HARVARD	19,563	94	GEORGIA	9,810
40	HOUSTON	18,569	95	PRINCETON	9,639
41	PENNSYLVANIA STATE	18,239	96	NORTH CAROLINA	9,304
42	BRITISH COLUMBIA	18,150	97	TORONTO	9,060
43	ARIZONA	18,141	98	MIT	8,823
44	NEBRASKA	17,734	99	WASHINGTON STATE	8,023
45	CALIFORNIA, RIVERSIDE	17,618	100	GUELPH	7,805
46	CALIFORNIA, LOS ANGELES	17,291	101	WATERLOO	7,598
47	BOSTON	16,919	102	NORTH CAROLINA STATE	6,966
48	MISSOURI	16,777	103	RICE	6,341
49	PURDUE	16,231	104	HAWAII	6,049
50	TULANE	15,933	105	AUBURN	5,360
51	BROWN	15,484	106	YORK	4,249
52	SUNY-ALBANY	15,341	107	WESTERN ONTARIO	3,941
53	SOUTHERN CALIFORNIA	15,311	108	GEORGIA TECH	3,009
54	MINNESOTA	15,279	109	HOWARD	2,502
55	CALIFORNIA, DAVIS	15,278			

**RANK ORDER TABLE 16:
PROFESSIONAL STAFF (FTE)**

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	HARVARD	404	56	CALIFORNIA, SAN DIEGO	72
2	YALE	203	56	CHICAGO	72
3	CALIFORNIA, BERKELEY	177	58	MIAMI	71
3	COLUMBIA	177	59	UTAH	70
5	STANFORD	175	60	CASE WESTERN RESERVE	67
6	ILLINOIS, URBANA	160	60	CONNECTICUT	67
7	WISCONSIN	156	60	LAVAL	67
8	MICHIGAN	149	63	NORTH CAROLINA STATE	66
8	TORONTO	149	64	TENNESSEE	65
10	NEW YORK	143	64	PURDUE	65
11	TEXAS	141	66	MICHIGAN STATE	64
12	INDIANA	137	67	ALBERTA	63
13	WASHINGTON	132	67	BOSTON	63
14	CORNELL	130	69	COLORADO	62
15	CALIFORNIA, LOS ANGELES	128	70	OHIO	60
16	NORTH CAROLINA	120	71	MISSOURI	59
17	PRINCETON	118	72	FLORIDA STATE	56
18	PENNSYLVANIA STATE	116	72	ALABAMA	56
19	RUTGERS	108	74	DELAWARE	54
19	SOUTHERN CALIFORNIA	108	74	OREGON	54
19	PITTSBURGH	108	76	KENT STATE	53
19	FLORIDA	108	76	TULANE	53
23	PENNSYLVANIA	107	76	CALIFORNIA, DAVIS	53
23	NORTHWESTERN	107	76	HAWAII	53
25	BRITISH COLUMBIA	104	80	CALIFORNIA, IRVINE	52
25	MINNESOTA	104	80	NEBRASKA	52
25	DUKE	104	80	IOWA STATE	52
28	IOWA	102	80	LOUISIANA STATE	52
29	OHIO STATE	101	84	OKLAHOMA	51
29	BRIGHAM YOUNG	101	84	OKLAHOMA STATE	51
31	KENTUCKY	100	84	MANITOBA	51
32	ARIZONA STATE	99	84	MASSACHUSETTS	51
33	VIRGINIA	97	84	YORK	51
33	SUNY-BUFFALO	97	89	SOUTHERN ILLINOIS	50
35	ARIZONA	92	89	CALIFORNIA, SANTA BARBARA	50
36	KANSAS	88	89	DARTMOUTH	50
36	NEW MEXICO	88	89	GEORGIA TECH	50
36	WASHINGTON U.-ST. LOUIS	88	93	NOTRE DAME	49
39	JOHNS HOPKINS	87	93	AUBURN	49
40	MARYLAND	85	95	SUNY-ALBANY	47
40	GEORGIA	85	96	HOUSTON	46
42	MIT	83	96	WESTERN ONTARIO	46
43	WAYNE STATE	82	98	SUNY-STONY BROOK	45
43	EMORY	82	98	HOWARD	45
45	ILLINOIS, CHICAGO	80	100	QUEEN'S	44
45	TEXAS A&M	80	100	RICE	44
45	BROWN	80	102	CALIFORNIA, RIVERSIDE	43
45	GEORGETOWN	80	102	VPI & SU	43
49	VANDERBILT	78	104	SASKATCHEWAN	42
50	ROCHESTER	77	105	WATERLOO	40
51	CINCINNATI	76	106	WASHINGTON STATE	39
51	MCGILL	76	107	COLORADO STATE	36
53	SOUTH CAROLINA	73	107	MCMASTER	36
53	SYRACUSE	73	109	GUELPH	23
53	TEMPLE	73			

**RANK ORDER TABLE 17:
SUPPORT STAFF (FTE)**

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	HARVARD	587	56	MIAMI	130
2	TEXAS	364	57	MANITOBA	128
3	TORONTO	344	58	YORK	127
4	PENNSYLVANIA STATE	331	59	MARYLAND	126
5	YALE	324	59	COLORADO	126
6	CALIFORNIA, LOS ANGELES	310	61	IOWA	125
7	MICHIGAN	299	62	FLORIDA STATE	124
8	CORNELL	296	63	SYRACUSE	123
9	STANFORD	286	64	GEORGETOWN	122
10	COLUMBIA	266	65	NORTH CAROLINA STATE	121
11	CALIFORNIA, BERKELEY	253	66	SOUTH CAROLINA	119
12	ILLINOIS, URBANA	246	67	NEBRASKA	118
13	RUTGERS	240	68	CALIFORNIA, IRVINE	117
13	BRITISH COLUMBIA	240	68	SASKATCHEWAN	117
15	WASHINGTON	229	70	IOWA STATE	116
16	WISCONSIN	218	71	WATERLOO	115
16	ALBERTA	218	72	KENTUCKY	113
18	PITTSBURGH	210	72	DELAWARE	113
19	NORTH CAROLINA	207	74	LOUISIANA STATE	112
20	PRINCETON	206	75	KANSAS	111
21	FLORIDA	204	75	MIT	111
22	INDIANA	197	75	CINCINNATI	111
23	ARIZONA STATE	196	75	MICHIGAN STATE	111
23	VIRGINIA	196	79	TEMPLE	105
25	GEORGIA	194	79	DARTMOUTH	105
26	MINNESOTA	192	81	WAYNE STATE	101
27	CHICAGO	187	82	BROWN	100
28	MCGILL	186	83	CONNECTICUT	98
29	NEW YORK	185	83	TULANE	98
29	LAVAL	185	85	SOUTHERN ILLINOIS	97
31	PENNSYLVANIA	183	85	HOUSTON	97
32	ARIZONA	181	87	GUELPH	95
32	JOHNS HOPKINS	181	88	VPI & SU	94
32	CALIFORNIA, DAVIS	181	89	OREGON	92
35	OHIO STATE	179	89	HOWARD	92
36	CALIFORNIA, SAN DIEGO	175	91	KENT STATE	91
37	DUKE	173	92	WASHINGTON STATE	90
38	WESTERN ONTARIO	171	93	MASSACHUSETTS	89
39	NEW MEXICO	170	93	SUNY-STONY BROOK	89
40	TEXAS A&M	169	95	SUNY-BUFFALO	88
41	ILLINOIS, CHICAGO	163	95	HAWAII	88
42	UTAH	161	97	AUBURN	86
43	NOTRE DAME	150	98	ROCHESTER	81
44	EMORY	149	98	CALIFORNIA, RIVERSIDE	81
45	PURDUE	145	98	COLORADO STATE	81
46	WASHINGTON U.-ST. LOUIS	142	101	SUNY-ALBANY	79
46	VANDERBILT	142	102	CASE WESTERN RESERVE	77
48	SOUTHERN CALIFORNIA	140	102	OHIO	77
48	TENNESSEE	140	102	ALABAMA	77
50	MISSOURI	137	105	OKLAHOMA	75
50	QUEEN'S	137	106	OKLAHOMA STATE	65
52	NORTHWESTERN	135	107	GEORGIA TECH	61
52	CALIFORNIA, SANTA BARBARA	135	108	RICE	60
54	BOSTON	132	109	BRIGHAM YOUNG	53
55	MCMASTER	131			

**RANK ORDER TABLE 18:
TOTAL STAFF (FTE)**

RANK	INSTITUTION	VALUE	RANK	INSTITUTION	VALUE
1	HARVARD	1,125	56	GEORGETOWN	260
2	CALIFORNIA, BERKELEY	656	57	SOUTH CAROLINA	257
3	MICHIGAN	653	58	COLORADO	254
4	CALIFORNIA, LOS ANGELES	644	58	NORTH CAROLINA STATE	254
5	YALE	615	58	SUNY-BUFFALO	254
6	TEXAS	599	61	LAVAL	253
7	CORNELL	580	61	BOSTON	253
8	TORONTO	579	63	MIAMI	251
9	STANFORD	559	64	CALIFORNIA, SANTA BARBARA	250
10	COLUMBIA	555	64	SYRACUSE	250
11	WISCONSIN	543	66	MISSOURI	246
12	PENNSYLVANIA STATE	536	66	CALIFORNIA, IRVINE	246
13	ILLINOIS, URBANA	531	68	SOUTHERN ILLINOIS	242
14	WASHINGTON	478	69	FLORIDA STATE	240
15	INDIANA	474	69	CONNECTICUT	240
16	NEW YORK	470	71	BROWN	239
17	RUTGERS	451	72	WESTERN ONTARIO	236
18	MINNESOTA	446	73	TEMPLE	232
19	PITTSBURGH	425	74	YORK	230
20	NORTH CAROLINA	423	75	NOTRE DAME	227
21	OHIO STATE	420	76	IOWA STATE	225
22	BRITISH COLUMBIA	401	77	KENT STATE	224
23	FLORIDA	390	78	DELAWARE	223
24	PRINCETON	380	79	LOUISIANA STATE	222
25	PENNSYLVANIA	379	80	MIT	220
26	NORTHWESTERN	373	80	OREGON	220
27	ARIZONA	367	82	NEBRASKA	216
28	GEORGIA	364	83	HOUSTON	215
29	VIRGINIA	363	84	ROCHESTER	210
30	ARIZONA STATE	361	85	OHIO	209
31	NEW MEXICO	359	86	VPI & SU	208
31	SOUTHERN CALIFORNIA	359	87	HAWAII	207
33	TEXAS A&M	344	88	QUEEN'S	203
34	CHICAGO	334	89	TULANE	200
35	KENTUCKY	332	90	MANITOBA	197
36	CALIFORNIA, SAN DIEGO	329	91	SUNY-STONY BROOK	193
37	DUKE	328	92	ALABAMA	188
38	ALBERTA	326	93	CASE WESTERN RESERVE	187
39	UTAH	318	94	MCMASTER	186
40	MARYLAND	316	95	MASSACHUSETTS	185
41	MCGILL	312	96	DARTMOUTH	183
42	JOHNS HOPKINS	311	97	OKLAHOMA	181
43	IOWA	309	98	WATERLOO	180
44	KANSAS	296	98	OKLAHOMA STATE	180
45	CALIFORNIA, DAVIS	295	100	AUBURN	177
46	BRIGHAM YOUNG	294	100	COLORADO STATE	177
47	VANDERBILT	287	102	SASKATCHEWAN	175
48	WASHINGTON U.-ST. LOUIS	285	103	CALIFORNIA, RIVERSIDE	174
49	ILLINOIS, CHICAGO	283	104	SUNY-ALBANY	171
49	MICHIGAN STATE	283	105	WASHINGTON STATE	168
51	EMORY	281	106	HOWARD	149
52	CINCINNATI	274	107	GUELPH	127
53	WAYNE STATE	270	108	GEORGIA TECH	117
54	PURDUE	267	109	RICE	116
55	TENNESSEE	264			

ARL STATISTICS SURVEY 1995-96
QUESTIONNAIRE AND INSTRUCTIONS

ARL STATISTICS QUESTIONNAIRE, 1995-96

INSTRUCTIONS FOR COMPLETING THE QUESTIONNAIRE

General Instructions

Please enter your data on the ARL Statistics disk, if possible. The printed copy of the questionnaire is a worksheet provided for your convenience. Be sure to read the "ARL Statistics Disk Documentation" as well as these Instructions before beginning to input data.

Definitions of the statistical categories used in this questionnaire can be found in *American National Standard for Library and Information Sciences and Related Publishing Practices - Library Statistics*. Z39.7-1983. (New York, American National Standards Institute, 1983.)

The questionnaire assumes a fiscal year ending June 30, 1996. If your fiscal year is different, please provide a footnote in the "Footnotes" section of the questionnaire.

Please do not use decimals. All figures should be rounded to the nearest whole number.

Please do not leave any lines blank. If an exact figure is unavailable, use -1, i.e., "U/A." If a question is not applicable to your library, use -2, i.e., "N/A." If the appropriate answer is zero or none, use 0.

In a university that includes both main and branch campuses, an effort should be made to report figures for the main campus only. (The U.S. National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS) defines a **branch campus** as one "located in a community different from that of its parent institution ... beyond a reasonable commuting distance from the main campus ... The educational activities at the location must be organized on a relatively permanent basis ... and include course offerings for one or more complete college-level programs of at least one full year.") If figures for libraries located on branch campuses are reported, please explain in the "Footnotes" section of the questionnaire.

A **branch library** is defined as an auxiliary library service outlet with quarters separate from the central library of a system, which has a basic collection of books and other materials, a regular staffing level, and an established schedule. A branch library is administered either by the central library or (as in the case of some law and medical libraries) through the administrative structure of other units within the university. Departmental study/reading rooms are not included.

Specific Instructions

Questions 1-4. Volumes in Library. Use the ANSI Z39.7-1983 definition for **volume** as follows:

a physical unit of any printed, typewritten, handwritten, mimeographed, or processed work, contained in one binding or portfolio, hardbound or paperbound, that has been cataloged, classified, and made ready for use.

Include duplicates and bound volumes of periodicals. For purposes of this questionnaire, unclassified bound serials arranged in alphabetical order are considered classified. Exclude microforms, maps, nonprint materials, and uncataloged items. If any of these items cannot be excluded, please provide an explanatory footnote in the "Footnotes" section of the questionnaire.

Include government document volumes that are accessible through the library's catalogs regardless of whether they are separately shelved. "Classified" includes documents arranged by Superintendent of Documents, CODOC, or similar numbers. "Cataloged" includes documents for which records are provided by the library or downloaded from other sources into the library's card or online catalogs. Documents should, to the extent possible, be counted as they would if they were in bound volumes (e.g., 12 issues of an annual serial would be one or two volumes). Title and piece counts should not be considered the same as volume counts. If a volume count has not been kept, it may be estimated through sampling a representative group of title records and determining the corresponding number of volumes, then extrapolating to the rest of the collection. As an alternative, an estimate may be made using the following formulae:

52 documents pieces per foot
10 "traditional" volumes per foot
5.2 documents pieces per volume

If either formulas or sampling are used for deriving your count, please indicate in a footnote.

Question 2. Volumes Added. Include only volumes cataloged, classified, and made ready for use. Include government documents if they have been included in the count of volumes on line 1a. Do not include as part of Volumes Added Gross any government documents or other collections (such as large gift collections) that were added to the collection as the result of a one time download or addition to the OPAC. Include these items in Volumes Held of the previous year (Line 1a) and provide a footnote explaining the revision of Line 1a.

Question 4. Monographic Volumes Purchased. Report number of volumes purchased. Include all volumes for which an expenditure was made during 1995-96, including volumes paid for in advance but not received during the fiscal year. Include monographs in series and continuations. If only number of titles purchased can be reported, please report the data and provide an explanatory footnote in the "Footnotes" section of the questionnaire. **Note:** This question is concerned with volumes purchased rather than volumes received or cataloged. Question 16 requests the expenditure for the volumes counted here.

Questions 5-7. Serials. Report the total number of subscriptions, not titles. Include duplicate subscriptions and, to the extent possible, all government document serials even if housed in a separate documents collection. Verify the inclusion or exclusion of document serials in Question 48 of the questionnaire. Exclude monographic and publishers' series. A **serial** is

a publication issued in successive parts, usually at regular intervals, and as a rule, intended to be continued indefinitely. Serials include periodicals, newspapers, annuals (reports, yearbooks, etc.), memoirs, proceedings, and transactions of societies.

Question 6. Serials: Not Purchased. If separate counts of nonpurchased and purchased serials are not available, report only the total number of current serials received on line 7, and report -1, i.e., "U/A" for lines 5 and 6.

Question 8. Microforms. Report the total number of physical units: reels of microfilm, microcards, and microprint and microfiche sheets. Include all government documents in microform; provide a footnote in the "Footnotes" section of the questionnaire if documents are excluded.

Question 9. Government documents. Report the total number of physical units (pieces) of government documents in paper format that have not been counted elsewhere. Include local, state, national, and international documents; include documents purchased from a commercial source if shelved with separate documents collections and not counted above. Include serials and monographs. To estimate pieces from a measurement of linear feet, use the formula *1 foot = 52 pieces* and indicate in a footnote that the count is based on this estimate. Exclude microforms and nonprint formats such as maps or CD-ROMs. Adjust line 1a, i.e., last year's Volumes Held, and provide a footnote if you are adding records to the OPAC for government documents previously held but not counted as part of Volumes Held (line 1a).

Question 10. Computer files. Include the number of pieces of computer-readable disks, tapes, CD-ROMs, and similar machine-readable files comprising data or programs that are locally held as part of the library's collections available to library clients. Examples are U.S. Census data tapes, sample research software, locally-mounted databases, and reference tools on CD-ROM, tape or disk. Exclude bibliographic records used to manage the collection (i.e. the library's own catalog in machine-readable form), library system software, and microcomputer software used only by the library staff.

Question 11. Manuscripts and archives. Include both manuscripts and archives measured in linear feet.

Question 12. Cartographic materials. Include the numbers of pieces of two- and three-dimensional maps and globes. Include satellite and aerial photographs and images.

Question 13. Graphic materials. Include the number of pieces of prints, pictures, photographs, postcards, slides, transparencies, film strips, and the like.

Question 14. Audio materials. Include the number of pieces of audio cassettes, phonodiscs, audio compact discs, reel-to-reel tapes, and other sound recordings.

Question 15. Film and video materials. Include the number of pieces of motion pictures, video cassettes, video laser discs, and similar visual materials.

Questions 16-27. Expenditures. Report all expenditures of funds that come to the library from the regular institutional budget, and from sources such as research grants, special projects, gifts and endowments, and fees for service. (For question 25 include non-library funds; see instruction Q24-25) Do not report encumbrances of funds that have not yet been expended. **Canadian libraries should report expenditures in Canadian dollars.** (To determine figures in U.S. dollars, divide Canadian dollar amounts by 1.3613, the average monthly noon exchange rate published in the Bank of Canada *Review* for the period July 1995-June 1996.) **Please round figures to the nearest dollar.**

Question 16. Monographs. Report expenditures for volumes counted on line 4.

Question 17. Current Serials. Exclude monographic and publishers' series, and encumbrances.

Question 18. Other library materials. Include expenditures for all not reported in Questions 16 and 17, e.g. backfiles of serials, charts and maps, audiovisual materials, manuscripts, etc. If expenditures for these materials are included in lines 16 and/or 17 and cannot be disaggregated, please report -1, i.e., "U/A," and provide a footnote in the "Footnotes" section of the questionnaire. Do not include encumbrances.

Question 19. Miscellaneous expenditures. Include any other **materials funds expenditures** not included in questions 16-18, e.g., expenditures for bibliographic utilities, literature searching, security devices, memberships for the purposes of publications, etc. Please list categories, with amounts, in a footnote in the "Footnotes" section of the questionnaire. **Note:** If your library does not use materials funds for non-materials expenditures -- i.e., such expenditures are included in "Other Operating Expenditures" -- **report 0, not -1, i.e., "U/A,"** on line 19.

Question 21. Contract Binding. Include only contract expenditures for binding done outside the library. If all binding is done in-house, state this fact and give in-house expenditures in a footnote in the "Footnotes" section of the questionnaire; do not include personnel expenditures.

Questions 22-25. Salaries and wages. Exclude fringe benefits. If professional and support staff salaries cannot be separated, enter -1, i.e., "U/A," on lines 22 and 23 and enter total staff on line 25.

Questions 24-25. Salaries and wages: Student Assistants. Report 100% of student wages regardless of budgetary source of funds. Include federal and local funds for work study students.

Question 26. Other operating expenditures. Exclude expenditures for buildings, maintenance, and fringe benefits.

Questions 28-31. Personnel. Report the number of staff in filled positions, or positions that are only temporarily vacant. Temporarily vacant positions are those positions that were vacated during the fiscal year for which ARL data were submitted, and for which there is a firm intent to refill. You should only report positions for which there are expenditures for salaries reported on lines 22-25.

Include cost recovery positions and staff hired for special projects and grants, but provide an explanatory footnote indicating the number of such staff. If such staff cannot be included, provide a footnote in the "Footnotes" section of the questionnaire. To compute full-time equivalents of part-time employees and student assistants, take the total number of hours worked by part-time employees in each category and divide it by the number of hours considered by the reporting library to be a full-time work week. **Round figures to the nearest whole numbers.**

Question 28. Professional Staff. Since the criteria for determining professional status vary among libraries, there is no attempt to define the term "professional." Each library should report those staff members it considers professional, including, when appropriate, staff who are not librarians in the strict sense of the term, for example computer experts, systems analysts, or budget officers.

Question 30. Student Assistants. Report the total FTE (see instruction Q28-31) of student assistants employed on an hourly basis whose wages are paid from funds under library control or from a budget other than the library's, including federal work-study programs. Exclude maintenance and custodial staff.

Questions 32-33. Instruction. Sampling based on a typical week may be used to extrapolate TO A FULL YEAR for Questions 32 and 33. Please use an asterisk (*) to indicate if responses are based on sampling.

Question 32. Presentations to Groups. Report the total number of sessions during the year of presentations made as part of formal bibliographic instruction programs and through other planned class presentations, orientation sessions, and tours. If the library sponsors multi-session or credit courses that meet several times over the course of a semester, each session should be counted. Presentations to groups may be for either bibliographic instruction, cultural, recreational, or educational purposes. Presentations both on and off the premises should be included as long as they are sponsored by the library. Do

not include meetings sponsored by other groups using library meeting rooms. Place an asterisk (*) after your answer if you use sampling.

Question 33. Participants in Group Presentations. Report the total number of participants in the presentations reported on line 32. For multi-session classes with a constant enrollment, count each person only once. Personal, one-to-one instruction in the use of sources should be counted as reference transactions on line 34. Place an asterisk (*) after your answer if you use sampling. Use the "Footnotes" section to describe any special situations.

Question 34. Reference Transactions. Report the total number of reference transactions. A reference transaction is

an information contact that involves the knowledge, use, recommendations, interpretation, or instruction in the use of one or more information sources by a member of the library staff. Information sources include printed and non-printed materials, machine-readable databases (including computer-assisted instruction), catalogs and other holdings, records and, through communication or referral, other libraries and institutions, and persons both inside and outside the library.

Include information and referral services. If a contact includes both reference and directional services, it should be reported as one reference transaction. When a staff member utilizes information gained from a previous use of information sources to answer a question, report as a reference transaction, even if the source is not consulted again during this transaction. Duration should not be an element in determining whether a transaction is a reference transaction. Sampling based on a typical week may be used to extrapolate TO A FULL YEAR for Question 34. Place an asterisk (*) after your answer if you use sampling.

EXCLUDE SIMPLE DIRECTIONAL QUESTIONS. A directional transaction is an information contact that facilitates the logistical use of the library and that does not involve the knowledge, use, recommendations, interpretation, or instruction in the use of any information sources other than those that describe the library, such as schedules, floor plans, and handbooks.

Questions 35-37. Circulation. For Question 35, count the number of initial circulations during the fiscal year from the general collection for use usually (although not always) outside the library. Do not count renewals. Include circulations to and from remote storage facilities for library users (i.e., do not include transactions reflecting transfers or stages of technical processing). Count the total number of items lent, not the number of borrowers. For Question 36, report total circulation for the fiscal year including initial transactions reported on line 35 and renewal transactions. On both line 35 and line 36, exclude reserve circulations; report those on line 37.

Question 37. Reserve Circulation. Count the number of circulation transactions from the reserve collection. Count the total number of items, not the number of borrowers. Exclude circulations from other restricted-circulation collections, such as special collections. The reserve collection is defined as

those materials that have been removed from the general library collection and set aside in a library so that they will be on hand for a certain course of study or activity in process. Usually, the circulation and length of loan of items in a reserve collection are restricted so that these items will be available to many users who have need of them within a limited time period.

Questions 38-39. Interlibrary Loans. Report the number of filled requests for material provided to other libraries on line 38. Report the number of filled requests for material received from other libraries or document delivery services on line 39. On both lines, include originals, photocopies, and materials sent by telefacsimile or other forms of electronic transmission. Do not include transactions between libraries covered by this questionnaire.

Questions 40-41. Ph.D. Degrees. Report the number awarded during the 1995-96 fiscal year. Please note that only the number of Ph.D. degrees are to be counted. Statistics on all other advanced degrees (e.g., D.Ed., D.P.A., M.D., J.D.) are not included in this survey. If you are unable to provide a figure for Ph.D.s only, please add a footnote in the "Footnotes" section of the questionnaire.

Question 41. Ph.D. Fields. For the purposes of this report, Ph.D. fields are defined as the specific discipline specialties enumerated in the U.S. Department of Education's Integrated Postsecondary Education Data System (IPEDS) "Completions" Survey. Although the IPEDS form requests figures for all doctoral degrees, only fields in which Ph.D.s are awarded should be reported on the ARL questionnaire. Any exceptions should be footnoted in the "Footnotes" section of the questionnaire.

Question 42. Instructional Faculty. Instructional faculty are defined by the U.S. Dept. of Education as

those members of the instruction/research staff who are employed full-time as defined by the institution, including faculty with released time for research and faculty on sabbatical leave. Full-time counts exclude faculty who are employed to teach fewer than two semesters, three quarters, two trimesters, or two four-month sessions; replacements for faculty on sabbatical leave or leave without pay; faculty for preclinical and clinical medicine; faculty who are donating their services; faculty who are members of military organizations and paid on a different pay scale from civilian employees; academic officers, whose primary duties are administrative; and graduate students who assist in the instruction of courses.

Please be sure the number reported, and the basis for counting, are consistent with those for 1994-95 (unless in previous years faculty were counted who should have been excluded according to the above definition). Please footnote any discrepancies.

Questions 43-46. Enrollment. U.S. libraries should use the Fall 1995 enrollment figures reported to the Department of Education on the form entitled "Integrated Postsecondary Education Data System, Fall Enrollment 1995." The line and column numbers on the IPEDS form for each category are noted on the questionnaire. Please check these figures against the enrollment figures reported to ARL last year to ensure consistency and accuracy. **Note:** In the past, the number of part-time students reported was FTE; the number now reported to IPEDS is a head count of part-time students. Canadian libraries should note that the category "graduate students" as reported here includes all post-baccalaureate students.

Question 54. Footnotes. Reporting libraries are urged to record in the footnote section any information that would clarify the figures submitted, e.g., the inclusion of branch campus libraries (see paragraph six of the "General Instructions" for definition of branch campus libraries). Explanatory footnotes will be included with the published statistics. Please make an effort to word your footnotes in a manner consistent with notes appearing in the published report, so that the ARL Office can interpret your footnotes correctly. For your convenience, your footnotes from the *ARL Statistics 1994-95* are included in the printed copy of the questionnaire. **Please update these notes, delete them, or indicate that they remain valid, and return them to the ARL office.** Note that the number in parentheses refers to the appropriate column on the Library Data Tables in the published *ARL Statistics*, as well as to the corresponding line number on the questionnaire.

Please return a printed version of the completed questionnaire together with the disk version to the
ARL Statistics and Measurement Program by **October 15, 1996.**

Please contact Martha Kyrillidou at (202) 296-2296 or martha@cni.org for assistance.

ARL STATISTICS QUESTIONNAIRE, 1995-96

Please do not leave any lines blank. If an exact figure is unavailable, use -1, i.e. "U/A." If a question is not applicable in your library, use -2, i.e. "N/A." If the appropriate answer is zero or none, use "0."

Reporting Institution _____ Date Returned to ARL _____

Report Prepared by (name) _____

Title _____

Email address _____ Phone number _____

Contact person (if different) _____

Title _____

Email address _____ Phone number _____

COLLECTIONS

Volumes in Library: (See instruction Q1-4)

- 1a. Volumes held June 30, 1995
(Exclude microforms, uncataloged govt. docs., maps, a/v material.
Record figure reported last year or footnote adjusted figure on p. 4.) _____
2. Volumes added during year -- Gross (See instruction Q2)
(Exclude microforms, uncataloged govt. docs., maps, a/v material.) _____
- 2a. Volumes withdrawn during year
(Exclude microforms, uncataloged govt. docs., maps, a/v material.) _____
3. Volumes added during year -- Net (Subtract line 2a from line 2) _____
1. Volumes held June 30, 1996 (Add line 1a to line 3) _____
4. Number of monographic volumes purchased (See instruction Q4)
(Volumes for which expenditures are reported on line 16. Footnote if titles.) _____

Serials: (See instruction Q5-7)

5. Number of current serials, including periodicals, purchased _____
6. Number of current serials, including periodicals, received but not purchased (Exchanges, gifts, deposits, etc.) (See instruction Q6) _____
7. Total number of current serials received (Add line 5 to line 6) _____

COLLECTIONS (cont'd.)

Other Library Materials: Total number of pieces held June 30, 1996:

- | | |
|--|-------|
| 8. Microform units (See instruction Q8) | _____ |
| 9. Government documents not counted elsewhere (See instruction Q9) | _____ |
| 10. Computer files (See instruction Q10) | _____ |
| 11. Manuscripts and archives (linear ft.) (See instruction Q11) | _____ |

Audiovisual materials:

- | | | | |
|---|-------|---|-------|
| 12. Cartographic
(See instruction Q12) | _____ | 13. Graphic
(See instruction Q13) | _____ |
| 14. Audio
(See instruction Q14) | _____ | 15. Film and Video
(See instruction Q15) | _____ |

EXPENDITURES (See instruction Q16-27) Reported in Canadian dollars? Yes _____ No _____

Library Materials:

- | | |
|---|-------|
| 16. Monographs (Expenditures for volumes reported on line 4) (See instruction Q16) | _____ |
| 17. Current serials including periodicals (See instruction Q17) | _____ |
| 18. Other library materials (e.g., microforms, a/v, etc.) (See instruction Q18) | _____ |
| 19. Miscellaneous (All materials fund expenditures not included above)
(See instruction Q19) | _____ |
| 20. Total library materials (Add lines 16, 17, 18, 19) | _____ |

21. **Contract binding:** (See instruction Q21) _____

Salaries and Wages: (See instruction Q22-25)

- | | |
|---|-------|
| 22. Professional staff | _____ |
| 23. Support staff | _____ |
| 24. Student assistants (See instruction Q24-25) | _____ |
| 25. Total salaries and wages (Add lines 22, 23, 24) | _____ |

26. **Other operating expenditures:** (See instruction Q26) _____

27. **Total library expenditures:** (Add lines 20, 21, 25, 26) _____

PERSONNEL (See instruction Q28-31. Round figures to nearest whole number.)

28. Professional staff, FTE (See instruction Q28) _____
29. Support staff, FTE _____
30. Student assistants, FTE (See instruction Q30) _____
31. Total FTE staff (Add lines 28, 29, 30) _____

INSTRUCTION (See instruction Q32-33)

32. Number of library presentations to groups (See instruction Q32) _____
33. Number of total participants in group presentations reported on line 32
(See instruction Q33) _____

REFERENCE

34. Number of reference transactions (See instruction Q34) _____

CIRCULATION (See instruction Q35-37)

35. Number of initial circulations (excluding reserves) _____
36. Total circulations (initial and renewals, excluding reserves) _____
37. Number of reserve circulations (See instruction Q37) _____

INTERLIBRARY LOANS (See instruction Q38-39)

38. Total number of filled requests for materials provided to other libraries _____
39. Total number of filled requests for materials received from other libraries _____

PH.D. DEGREES (See instruction Q40-41)

40. Number of Ph.D.s awarded in FY1995-96 _____
41. Number of fields in which Ph.D.s can be awarded (See instruction Q41) _____

FACULTY (See instruction Q42)

42. Number of full-time instructional faculty in FY1995-96 _____

ENROLLMENT -- FALL 1995 (TOTALS) (See instruction Q43-46; line numbers refer to IPEDS survey form)

43. Full-time students (Add line 8, columns 15 & 16, and line 14, cols. 15 & 16) _____
44. Part-time students (Add line 22, columns 15 & 16, and line 28, cols. 15 & 16) _____
45. Full-time graduate students (Line 14, columns 15 & 16) _____
46. Part-time graduate students (Line 28, columns 15 & 16) _____

LOCAL CHARACTERISTICS or ATTRIBUTES

47. Basis of volume count is: _____ Physical _____ Bibliographic
48. Government documents are included in count of Current Serials. _____ Yes _____ No
49. Fringe benefits are included in expenditures for salaries and wages. _____ Yes _____ No
50. Law Library statistics are included. _____ Yes _____ No _____ We do not have a Law Library
51. Medical Library statistics are included. _____ Yes _____ No _____ We do not have a Medical Library
52. Other main campus libraries included: [list in "Footnotes" below].
53. Branch Campus Libraries. (See paragraph six of the "General Instructions")

Figures include branch CAMPUS libraries: _____ Yes _____ No _____ We have only one campus.

If branch campus libraries are included, please specify which campuses in "Footnotes" below.

If branch campus libraries are not included, please specify which campuses in "Footnotes" below.

FOOTNOTES (See instruction Q54)

54. Footnotes as published in the *ARL Statistics 1994-95*.

For your convenience, a copy of your library's footnotes as they appear in the published *ARL Statistics 1994-95* is attached. Please indicate revisions, additions, and deletions as appropriate. If any footnotes published last year are unchanged, please mark them to indicate that they are still valid.

Please return a printed version of the completed questionnaire together with the disk version to the
ARL Statistics and Measurement Program by **October 15, 1996**.

Please contact Martha Kyrillidou at (202) 296-2296 or martha@cni.org for assistance.

FOOTNOTES TO THE ARL STATISTICS, 1995-96

FOOTNOTES TO THE ARL STATISTICS, 1995-96

Footnotes may also include errata and corrections to data from prior years not previously reported. Numbers in parentheses refer to columns in Library Data Tables and to Questionnaire numbers.

INSTITUTION	QUESTION NUMBER	NOTES
ALABAMA		All figures are as of September 30, 1996.
	1	Includes Government documents, beginning in 1996; pre-1996 documents are not included in the catalog.
	8	Includes Government documents in microformats.
	17	Some 1995-96 serials invoices were prepaid during 1994-95.
	18	Includes Law, Health Sciences, and Map libraries only; Gorgas Library and branches do not separate expenditures for Audiovisual materials and Microforms.
	19	Center for Research Libraries membership.
	20	Decrease due to prepayment of some 1995-96 serials invoices during 1994-95, and decreases in the Health Sciences library materials expenditures budget.
	26	Includes bibliographic utilities, memberships (except CRL), and literature searching.
	34	Figure based on sampling.
ALBERTA		All figures are as of March 31, 1996.
	6	Includes Government documents.
	16-17	Figures from base library budget. Outside-funded expenditures (trust funds, endowments and other special funds) were Monographs (16), Can \$129,942.04, and Serials (17), Can \$75,120.48.
	16-27	Expenditures reported in Canadian dollars: (16) \$3,514,375; (17) \$5,701,360; (18) U/A; (19) \$258,814; (20) \$9,474,549; (21) \$147,985; (22) \$4,147,070; (23) \$6,653,548; (24) \$649,479; (25) \$11,450,097; (26) \$2,917,393; (27) \$23,990,024.
	18	Included in Monograph expenditures (16) and Serial expenditures (17).
	19	Includes GST (Goods and Services Tax) and postage expenditures.
ARIZONA		Volumes held June 30, 1995 revised to 4,226,308.
		Basis of volume count in main and Health Sciences libraries is bibliographic; in Law library it is physical.
	4	For Law library, titles purchased only (910).
ARIZONA STATE		ASU West altered their 1994-95 volume total to 253,954 (708 more). Volumes held June 30, 1995 revised to 3,102,628.
		Includes Arizona State University West Campus, Architecture library, Hayden Library, Music library, Noble Library, and the Law library.
	15	1994-95 figure revised to 14,906.
	40	1994-95 figure revised to 221.

INSTITUTION	QUESTION NUMBER	NOTES
ARIZONA STATE (cont'd)	41	1994-95 figure revised to 41.
	42	This year's figure includes departmental chairs, whose primary function is still instructional.
	43-44	Last year's data incorrectly reported undergraduate students only. This year's data reflect both undergraduate and graduate students.
	43-46	Total enrollment has been changed this year to reflect unduplicated counts for ASU Main and ASU West combined. (Enrollments for the two campuses are not additive.)
AUBURN		All figures are as of September 30, 1996.
	1	Includes 341,735 cataloged Government documents.
	2	Includes 57,603 cataloged Government documents. Volumes withdrawn include 9,742 Government documents.
	8	1994-95 figure revised to 2,248,480.
	24	Includes \$28,841 from Federal Work-Study Program.
BOSTON	34	Figure based on sampling. 1994-95 figure revised to the sampled figure 184,000.
		Includes the Theology library.
	18	Includes a large prepayment for a product discount.
	32-33	Increase is because Law library did not report in 1994-95, and because of increased activity at the Medical and Science libraries.
BOSTON PUBLIC LIBRARY	34	Figure based on sampling.
		Includes main and branch libraries.
	1	Excludes patents and prints.
BRIGHAM YOUNG	7	This figure includes, for the first time, Government documents serials and duplicate subscriptions in the branches.
		All figures are as of August 31, 1996.
	1-3, 5-8	Includes Government documents.
BRITISH COLUMBIA	34	Figure based on sampling. Large increase due to the addition of two new service points and the inclusion of "in-office" consultations.
		All figures are as of March 31, 1996.
		Medical and Law library statistics cannot be disaggregated from the main statistics.
	16-27	Expenditures reported in Canadian dollars: (16) \$2,147,181; (17) \$6,625,460; (18) U/A; (19) \$762,443; (20) \$9,535,084; (21) \$203,495; (22) \$5,828,360; (23) \$7,104,509; (24) \$1,404,159; (25) \$14,337,028; (26) \$3,222,089; (27) \$27,297,696.
	18	Included in Monograph expenditures (16).
	28-31	Includes: Operating Budget, 374.5 FTE; Grants, 8.81 FTE; Cost Recovery, 13.63 FTE; and Projects, 3.5 FTE; Total, 400.44 FTE.

INSTITUTION	QUESTION NUMBER	NOTES
BROWN		Includes John Carter Brown, Annmary Brown, Demography, and Art Slide Libraries, as well as media services.
		Medical library statistics cannot be disaggregated from the main statistics because the Medical collection is an integral part of the Sciences library.
		In previous years, volume count was incorrectly reported as being bibliographic. The count was physical.
	10	Large increase due to incorrect counts in previous years.
	11	Includes manuscripts only.
	16	Includes documents and media (such as microforms, videos, and sound recordings).
	26	Includes fringe benefits for salaries and wages.
CALIFORNIA, BERKELEY	35-37	Policies, procedures, and data collection methods changed in 1995-96.
		Volumes held June 30, 1995 revised to 8,296,560.
	2	Increase in volumes added due to special technical service projects.
	8-11	Government documents are reported by material type when known, and otherwise as generic "government documents."
	16	Monograph expenditures include dollars spent on all library materials except serials.
	20	Total expenditures for library materials in 1994-95 was unusually high due to significant one-time expenses. 1995-96 budget for library materials was in fact higher than in 1994-95.
	31	FTE figures include temporary employees, and reflect temporary reductions in hours due to voluntary action by career employees.
	35-36	Patron self-renewal of materials introduced in 1995-96; these items were not counted, so they were not included.
CALIFORNIA, DAVIS	38	Interlibrary lending does not include photocopies provided by authorized document delivery subcontractors (e.g., Boalt Express) who fill requests using the UC Berkeley collections. 1994-95 figure revised to 57,838 (1995-96 figure a 3% decrease).
		Includes Harrison Western Research Center Library (20,547 bound volumes and 107 non-document serials) in Fair Oaks, California.
CALIFORNIA, DAVIS		Basis of volume count in General library is bibliographic; in Law library it is physical.
	19	Includes for Law library: RLIN, \$13,116; LEXIS and WESTLAW, \$36,911. (1994-95 report incorrectly attributed the following footnote to Question 18, but it applied to Question 19: "Includes for Law library: RLIN, \$21,000; LEXIS and WESTLAW, \$40,386.")
CALIFORNIA, IRVINE		Medical library statistics cannot be disaggregated from the main statistics because the Medical collection is an integral part of the main library.
	1, 3	Includes documents cataloged as part of a conversion project.
	7	Increase due to the document conversion project.
	18	Decrease due to the completion of the purchase of two large microform sets in 1995.

INSTITUTION	QUESTION NUMBER	NOTES
CALIFORNIA, IRVINE (cont'd)	19	Figure represents prepayments.
	21	\$25,897 in-house Bindery expense included in Other operating expenditures (26).
	23	Increase due to the addition of library assistant positions and the reduction of student assistant positions.
	36	1994-95 figure revised to 556,471.
	37	1994-95 figure revised to 100,302.
CALIFORNIA, LOS ANGELES		Volumes held June 30, 1995 revised to 6,616,478.
		Initial volume count in 1940s was bibliographic; subsequent counts of added volumes have been physical.
	5-7	Includes cataloged Government document serials.
	22-25	Fringe benefits are included in the expenditures for Salaries and wages.
	28	Professional staff includes Management and Professional Program employees.
CALIFORNIA, RIVERSIDE	7	The Government documents included in the bound volume count are accessible through the online catalog.
	24	Includes \$22,986 in federal work study funds.
	32-33	Figures based on sampling.
	43-46	1994-95 figure for Full-time students revised to 8,018; figure for Part-time students revised to 573; figure for Full-time graduate students revised to 1,157; figure for Part-time graduate students revised to 93.
CALIFORNIA, SAN DIEGO	2-3	Increase due to the transfer of 31,777 volumes, previously counted as government documents, to the bound volume count, and 9,792 volumes previously transferred out of the main library but not reported as transferred into a branch library until 1996.
	17	Includes monographic and publishers' series. Also includes all formats.
	19	Expenditures for database services (literature searches).
	31	Includes 18.76 FTE hired for cost recovery operations, special projects, and grants.
	34	1994-95 figure revised to 185,681.
CALIFORNIA, SANTA BARBARA	22-25	Fringe benefits are included in the expenditures for Salaries and wages.
CANADA INST. FOR SCITECH.		All figures are as of March 31, 1996.
		In 1994-95 CISTI was amalgamated with the publishing arm of the National Research Council of Canada (NRC Research Press), which accounts for the large percentage increases in salaries, operating expenses, expenditures and staff.
		Medical library statistics cannot be disaggregated from the main statistics because the Medical collection is an integral part of the main library.

INSTITUTION	QUESTION NUMBER	NOTES
CANADA INST. FOR SCITECH. (cont'd)	16-27	Expenditures reported in Canadian dollars were: (16) \$653,856; (17) \$7,770,382; (18) 197,200; (19) \$0; (20) \$8,621,438; (21) \$0; (22) \$6,699,185; (23) \$4,148,110; (24) \$0; (25) \$10,847,295; (26) \$11,213,304; (27) \$30,682,037.
	22-25	Fringe benefits are included in the expenditures for Salaries and wages.
	39	Decrease in filled requests received from other libraries due to the introduction of a \$50 fee for this service.
CASE WESTERN RESERVE	1-4	For Main Library, Government documents figure is determined by formula in specific instructions.
	4	For Main Library, does not include monographs received as part of standing orders.
	9	For Law library, based on the formula 1 foot=52 pieces. Last year's figure was incorrectly reported.
	22, 28	For Main library, includes one FTE paid from grant funds.
	41	Includes interdisciplinary fields that previously were not included.
CENTER FOR RESEARCH LIBS.	1-3, 8	Includes Government documents (number estimated).
	4	Decrease reflects a decline in the number of Russian monographs received and foreign doctoral dissertations that are gradually shifting into microform units as their format changes.
	5-7	Excludes most Government documents in collection.
	10	Figure for Computer files represents a collection of digitized files for LAMP on CRL's Web site that appears to users as one large file but is actually many.
	12-15	Audiovisual materials are counted with the material they accompany.
	18, 27	Includes restricted-fund expenditures.
	19	Miscellaneous library materials expenditures includes funds for replacement. 1994-95 figure represents a number of newspaper backfiles that were replaced as a result of CRL's move in FY1993/94.
	26	Excludes figures related to building maintenance.
	28	Includes 3 FTE of grant-funded personnel.
	29	Includes 1 FTE of grant-funded personnel.
CHICAGO		Medical library statistics cannot be disaggregated from the main statistics because the Medical collection is an integral part of the science collections.
	3	Includes cataloged Government documents.
	4	Excludes monographic series and continuations.
	7	Includes monographic series and cataloged Government document serials (paper and microform); excludes duplicate subscriptions.
	9	Chicago catalogs and classifies most Government documents for the general collections. The library has no separate Government documents department, and counts of uncataloged Government documents are not maintained.
	10, 13-15	Figures do not include unprocessed items.

INSTITUTION	QUESTION NUMBER	NOTES
CHICAGO (cont'd)	16	Excludes monographic series and continuations.
	17	Includes monographic series and duplicate subscriptions.
	18	Figure constitutes some electronic media (LEXIS and WESTLAW). Other electronic media, manuscripts, etc. included in Monographs expenditures (16) and Serials expenditures (17).
	22-25	Segregated data not available on cost recovery positions and staff hired for special programs and grants.
	32-34	Figures based on sampling.
	36	Figure reflects a decrease in renewals due to changes in renewal policies for student borrowers.
	38-39	Includes 917 requests filled by the Center for Research Libraries.
CINCINNATI		Volumes held June 30, 1995 revised to 2,049,856.
		Excludes libraries at Raymond Walters College and Clermont College.
		Basis of volume count in University Libraries and Medical Center libraries is physical; in Law library it is bibliographic.
	7-10	1994-95 figures for Law library were incorrectly reported: figure for Current serials (7) revised to 19,409 (Law figure revised to 2,368); Microform units (8) revised to 2,939,951 (Law figure revised to 608,419); Government documents not counted elsewhere (9) revised to 390,713 (Law figure revised to 43,528); and figure for Computer files (10) revised to 2,623 (Law figure revised to 145).
	38-39	Figures have been estimated to exclude branch campus libraries. Patron initiated borrowing through OhioLINK greatly impacts these statistics.
COLORADO	10	1994-95 figure for Computer files was incorrect.
	18	Includes bibliographic utility expenditures, special purchases, online searching, etc.
	23	Includes 2.5 support staff FTE paid from auxiliary funds.
	24	Includes 36 student assistants FTE paid from work study funds.
COLORADO STATE	2	Includes 12,328 documents.
	8	Includes 1,860,095 documents.
	19	Includes ARL (\$13,850); Access/ILL (\$130,065); networking operations (\$97,200); CNI (\$2,250); Access (\$40,000); bindery supplies (\$7,068); class searches (\$231); BNA (\$4,527); Educom (\$1,134); purchase plan reserve (\$1,000); Tattle Tape (\$5,390).
	26	Includes funding for new automation system (\$572,100).
COLUMBIA		Basis of volume count in Law library is bibliographic.
	1-8	Includes Government documents.
	18-19	Included in Monograph expenditures (16).
	38	ILL provided by Law library includes 891 as standard ILL and 6,481 as fee-based service provider.

INSTITUTION	QUESTION NUMBER	NOTES
CONNECTICUT		Includes Greater Hartford Campus. Excludes Avery Point, Stamford, Torrington, and Waterbury campuses.
	15	1994-95 figure revised to 4,837 (figure for Health Center library incorrectly reported as 2,220 instead of 222).
CORNELL		Includes Geneva Experiment Station; Ithaca campus includes the Africana, Engineering, Fine Arts, Hotel, Kroch (Rare & Mss. Coll.), Law, Management, Mathematics, Music, Olin/Kroch (Asia Coll.), Physical Sciences, Uris, Industrial & Labor Relations, Mann/Entomology, and Veterinary Medicine libraries.
	11	Manuscripts and archives are in cubic feet.
	28-31	Includes professional staff, support staff, and student assistants on grants and projects.
	34	Decrease due to a change in the method of counting.
	36	Includes reserves.
	42	Faculty count includes only full, associate, and assistant professors. Excludes faculty at the Medical Division in New York City.
	43-46	Excludes Medical Division in New York City and students registered in absentia. Part-time enrollment reflects employee degree registrants only.
DARTMOUTH	28	Includes 1 FTE professional staff grant-supported.
	29	Includes 1 FTE support staff grant-supported.
DELAWARE		Includes Marine Studies library at the University of Delaware Marine Studies Research Complex in Lewes, Delaware.
	1-3, 8	Includes Government documents.
	18	Included in Monograph expenditures (16) and Serial expenditures (17).
	22-25	Excludes professional and support staff in Information Technologies assigned to the library.
DUKE	4	Excludes Law library.
	19	Figure represents expenditures for ILL/Document Delivery.
	35-36	Includes some reserve circulations.
	37	Excludes Law and Medical Center libraries.
	42	Last year's figure included basic sciences pre-clinical faculty.
EMORY		Volumes held June 30, 1995 revised to 2,256,847 due to the addition of a corrected count of 125,608 cataloged Government documents (linear feet converted to volumes at 1 LF=10 volumes).
		Includes Theology library and Oxford Campus.
	9	Includes uncataloged Government documents in Law library (pieces). Corrected to include uncataloged Government documents in General Libraries (volumes converted to pieces at 1 volume=5.2 pieces).
	16-27	Figures are as of August 31, 1996.

INSTITUTION	QUESTION NUMBER	NOTES
	22	Includes 3 FTE grant-funded positions.
	23	Includes 2 FTE cost-recovery positions.
FLORIDA	6	Collection reviews resulted in excluding exchange items not needed to support the academic programs.
	7	534 serials subscriptions canceled as a result of fiscal considerations and collection reviews.
	19	Miscellaneous expenditures (\$615,587): Database Searches (\$106,407); ILL (\$13,105); Document Delivery (\$21,971); Preservation (\$40,083); Contracted Computer Services (\$434,021).
	22	Figures for 1994-95 included fringe benefits.
	38	1994-95 figures include a double count. Actual number of filled requests was 53,164.
FLORIDA STATE		Includes branch campus in Panama City (holdings and materials expenditures only); excludes Developmental Research School.
	1-3	Includes most cataloged Government documents.
	16	Includes some microforms, audiovisual materials, etc.
	19	Miscellaneous expenditures (\$173,413): Online Databases (\$97,214); Document Delivery (\$15,000); for Law library: Computer Bibliographic Services (\$12,056); Online Databases (\$48,991); Preservation activities (\$152).
	40	Figure represents total number of doctoral degrees awarded; number of Ph.D.s not available.
	41	Increase in number of Ph.D. fields due to a change in reporting; figure now represents degree fields, not degree programs.
GEORGETOWN		Volumes held June 30, 1995 revised to 2,071,389.
		Includes reference library of Kennedy Institute of Bioethics.
		Basis of volume count in Law library is bibliographic.
	10	Increase in Computer files due to the inclusion of the Medical library's figure, which was previously reported as unavailable.
	11	Two large archival collections transferred to other institutions.
	27	Does not include Medical library grant and contract funding.
	28	Does not include 11 positions funded by grant or contracts in the Medical library.
	35-37	Medical library circulation not available.
	42	Figure is estimated.
GEORGIA TECH	1-3, 5-7	Includes Government documents that are cataloged, classified, and housed separately.
	34	Figure based on sampling.
GUELPH		All figures are as of April 30, 1996.

INSTITUTION	QUESTION NUMBER	NOTES
GUELPH (cont'd)	10	1994-95 figure revised to 837.
	16-27	Expenditures reported in Canadian dollars were: (16) \$818,142; (17) \$2,194,230; (18) U/A; (19) \$88,011; (20) \$3,100,383; (21) \$101,883; (22) \$1,493,286; (23) \$3,211,828; (24) \$148,826; (25) \$4,853,940; (26) \$992,756; (27) \$9,048,962.
	19	Includes Bibliographic Utilities (Can \$25,240); Security (Can \$15,771); Memberships (Can \$47,000).
	34	1994-95 figure for Reference transactions included directional questions; this year's figure does not.
HARVARD		Volumes held as of June 30, 1995 revised to 13,162,389.
		Includes research institutions in the District of Columbia and Italy.
		All Ph.D.s are awarded through the Graduate School of Arts and Sciences.
	1-2	Includes some Government documents.
	6	Includes some Government documents; excludes some international Government documents.
	26	Figure includes some expense attributable to Miscellaneous expenditures (19). Figure for 1994-95 revised to \$16,450,341.
HAWAII	27	Separate figures for expenditures from grants and special projects are not available. Excludes fringe benefits (\$9,019,270) and buildings and maintenance (\$3,872,992) charged to library budget. Includes cost recovery items (\$5,612,213). Figure for 1994-95 revised to \$66,652,454
	42	Excludes Medicine, Dental, and Law libraries.
	1-3, 5-8	Includes Government documents; based on a formula applied to a piece count.
HOUSTON	4	Figure represents monographic titles purchased; piece count is not available. Decrease due to a 12% cut in the book budget.
	5-7	Serials currently received are down due to two factors: 1) the cancellation of over 1,400 titles because of a 12% cut in the materials budget and because of inflation of serials cost; and 2) the completion of the review and cancellation of serial titles not purchased.
HOUSTON		All figures are as of August 31, 1996.
		Volumes held June 30, 1995 revised to 1,846,381.
		Excludes branch campus libraries at Clear.Lake, Victoria, and Downtown.
	3	1994-95 figure revised to 42,379.
HOWARD	27	Decrease due to Innovative Interfaces Inc. payment in 1994-95 and reduction of \$500,000 in University Supplement for 1995-96 (from \$1.6 million in 1994-95 to \$1.1 million in 1995-96).
	23, 26	Includes institutional support for electronic information systems.
	29	Includes institutional support for information technology and learning resources.

INSTITUTION	QUESTION NUMBER	NOTES
ILLINOIS, CHICAGO	4	Includes Government documents.
	6	Increase due to the addition of a number of Government documents subscriptions.
	10	Count is by title, not by unit.
	13	Excludes graphics in Special Collections.
	17	Increase reflects expenditures for electronic materials, including electronic abstracts, indexes, databases, etc. 1994-95 figure revised to \$3,620,378.
	18	Decrease reflects the shifting of expenditures for electronic materials to Current serials including periodicals expenditures (17).
	20	1994-95 figure revised to \$5,017,853.
	26	1994-95 figure revised to \$1,453,926.
	41	Includes 6 new Ph.D. programs. 1994-95 figure revised to 45.
	42	1994-95 figure revised to 1,624.
	44	For FY1995-96 UIC changed from the campus definition of FTE (12 hours or more) to the federal definition (9 hours or more), which increased the number of full-time students while decreasing the number of part-time students.
ILLINOIS, URBANA	28	Includes 40 FTE graduate assistants, with 5 FTE graduate assistants funded from research grants and other temporary funds.
	34	Figure based on sampling.
	42	1994-95 figure revised to 1,871.
INDIANA		Excludes branch campus libraries at Indianapolis, Ft. Wayne, Kokomo, South Bend, East (Richmond), Northwest (Gary), and Southeast (New Albany).
	16-27	Figures do not include the Kinsey Institute.
	26	Increase in Other operating expenditures due to special funding for library automation project.
	35-36	Includes reserves; Indiana's system does not separate reserves from other circulations.
IOWA		Basis of volume count in Law library is bibliographic.
	1-3	Excludes annuals and proceedings.
	1-4	Includes music scores and some annuals.
	22	Excludes salary for .5 FTE Associate Dean for Research in Law.
	35	Initial circulation in Law library is 20,544.
	42	There are also 652 clinical and pre-clinical faculty, with departmental appointments in addition to the 1,085 instructional faculty.

INSTITUTION	QUESTION NUMBER	NOTES
IOWA STATE		Government documents are included in the volume count, using the 5.2 documents pieces per volume formula. Volumes held for June 30, 1995 and prior years revised to reflect previous misapplication of volume-equivalency formula for government publications: Volumes held June 30, 1992 revised to 1,953,089; Volumes held June 30, 1993 revised to 1,986,928; Volumes held June 30, 1994 revised to 2,018,327; Volumes held June 30, 1995 revised to 2,058,391.
	2	1994-95 figure revised to 49,432.
	3	1994-95 figure revised to 40,064.
	19	Miscellaneous expenditures of \$204,711 include preservation supplies and reformatting contract services (\$103,211), ILL document service charges (\$20,000), and OCLC charges (\$81,500).
	28-30	Cost recovery/grant/special project positions, paid out of other academic accounts, include 3.5 FTE for professional staff (28), 5.5 FTE for support staff (29), and 3.1 FTE for student assistants (30).
	42	Decrease due to a change in counting in order to be more consistent with the IPEDS and AAUP definitions.
JOHNS HOPKINS		Includes Eisenhower Library, Welch Medical Library, Institute of the History of Medicine, School of Hygiene and Public Health library, Peabody Conservatory library, Applied Physics Laboratory library, School of Advanced International Studies (SAIS) in Washington, DC, and Bologna, Italy, the Center for Italian Studies in Florence, Italy, the Montgomery County Center in Rockville, MD, and the School of Continuing Studies, Columbia Center and Downtown Center. Excludes SAIS in Nanjing, China.
		Data from the Applied Physics Laboratory covers January through December 1995.
	1	Includes Government documents based on ARL formula.
	19	Includes literature searching and postage for library materials.
KANSAS		Volumes held June 30, 1995 revised to 3,377,381 due to complete collection inventory at University of Kansas Health Sciences library.
		Includes Regents Center library, Overland Park Kansas, Health Sciences library, and Clendening History of Medicine Library in Kansas City.
		Excludes University of Kansas School of Medicine at Wichita, KS.
	1-3, 5-8	Includes Government documents.
	4	Number of monograph titles purchased reported, since volume count is not available.
	8	Includes \$20,000 (1.0 FTE) grant-funded position.
	26	Includes \$908,515 of one-time computer hardware and software purchases.
	41	Includes one joint program with Kansas State, for a total of 56 fields at Lawrence campus and 11 at Kansas City. Two fields are inter-campus programs.
KENT STATE		Includes main campus and branches at Ashtabula, Geauga, East Liverpool, Salem, Stark, Trumbull, and Tuscarawas.

INSTITUTION	QUESTION NUMBER	NOTES
KENT STATE (cont'd)	16-27, 28-31	Expenditure and personnel figures include Audiovisual Services and Teleproductions.
KENTUCKY		Other main campus libraries included: Agriculture, Architecture, Art, Biological Sciences, Chemistry/Physics, Education, Engineering, Geological Sciences, Mathematical Sciences, and Music. Excludes branch campus libraries at Lexington, Prestonburg, Madisonville, Hopkinsville, Henderson, Louisville (2), Ashland, Somerset, Maysville, Elizabethtown, Cumberland, Hazard, Owensboro, and Paducah.
	9	Decrease due to the incorrect figure reported for 1994-95.
	14	Increase due to previously unreported items in the Special Collections Department.
	21	1994-95 figure revised to \$123,351.
	34	Decrease due to the inclusion of directional questions in 1994-95.
	39	Decrease due to a change in an accounting procedure in the Medical Center library.
LAVAL		All figures are as of May 31, 1996. Medical and Law library statistics cannot be disaggregated from the main statistics because the Medical and Law collections are an integral part of the main library.
	5	1,800 publications previously reported as serials are now reported as monographs.
	9	Decrease due to cataloged Government documents..
	18	Includes CD-ROM expenditures that were previously reported as monograph expenditures.
	21	Most binding is done in-house.
	28	Includes 1.5 professional staff for special projects.
LIBRARY OF CONGRESS		All figures are as of September 30, 1996.
	2	Arrearage reduction effort underway; this figure includes many prior-year acquisitions.
	7	Total number of Current serials can only be estimated.
	11	Figure is an estimate.
LINDA HALL		All figures are as of December 31, 1995.
	1-3, 5-8	Includes Government documents.
	9	Government document piece count estimated.
	11, 13	1993-94 and 1994-95 figures revised to N/A.
LOUISIANA STATE		Includes Law library and Veterinary Medicine library.
	4	Figure reflects only books received in 1995-96.
	5	Increase due to a net subscription increase at the Law library.

INSTITUTION	QUESTION NUMBER	NOTES
LOUISIANA STATE (cont'd)	10	Figure reflects titles only, not pieces.
	12	Figure represents a revised count.
	14	Increase in Audio is the result of a revised count.
	15	Decrease in Film and Video is the result of a revised count.
	18-19	The Main library cannot disaggregate these numbers.
	21	Figure varies from year to year due to deposit accounts.
McGILL		All figures are as of May 31, 1996.
	16-27	Figures reported in Canadian dollars were: (16) \$2,083,832; (17) \$3,640,244; (18) \$546,550; (19) \$295,714; (20) \$6,566,340; (21) \$266,020; (22) \$4,485,202; (23) \$5,359,643; (24) \$564,231; (25) \$10,409,076; (26) \$1,112,605; (27) \$18,354,041.
	19	Includes Tattletapes (Can \$26,389), bibliographic searching (Can \$162,747), and memberships (Can \$106,578).
	26	Includes capital equipment (Can \$61,403) and major equipment (Can \$76,613).
	41	Includes ad hoc fields not reported previously.
	42	1994-95 figure revised to 1,618.
McMASTER		All figures are as of April 30, 1996.
	4	Number of monographic volumes purchased is an estimated figure.
	6	1994-95 figure revised to 4,064.
	7	1994-95 figure revised to 14,047.
	16-27	Figures reported in Canadian dollars were: (16) \$1,060,997; (17) \$3,731,751; (18) \$32,776; (19) \$23,290; (20) \$4,848,814; (21) \$123,759; (22) \$2,010,589; (23) \$3,989,297; (24) \$298,159; (25) \$6,298,045; (26) \$606,813; (27) \$11,877,431.
	24	Includes all student salary payments, all shift premium payments to support staff, any additional salary payments made to full-time staff to cover delayed staff replacements, illness coverage, and any emergency staffing needs.
	24, 30	Includes library interns.
	28	1994-95 figure revised to 37.
	29	1994-95 figure revised to 133.
MANITOBA		All figures are as of March 31, 1996.
	16-27	Expenditures reported in Canadian dollars were: (16) \$948,667; (17) \$2,487,469; (18) U/A; (19) \$69,304; (20) \$3,505,440; (21) \$138,003; (22) \$2,824,311; (23) \$3,966,135; (24) \$583,330; (25) \$7,373,776; (26) \$1,135,449; (27) \$12,152,668.
MARYLAND	2	Drop in productivity due to loss of 3 copy cataloging positions. Volumes withdrawn include a large serial volume weeding project.
	14	4,554 phonorecords withdrawn as compact discs replace phonorecords.

INSTITUTION	QUESTION NUMBER	NOTES
MARYLAND (cont'd)	16	Additional funds were added to the book budget by the campus (\$400,000 during the year).
	17	Includes a \$500,000 prepayment for FY97 renewals, mostly funded by a \$357,700 carry over from the previous fiscal year and an additional \$100,000 from the campus. Figure also includes expenditures for electronic serials previously included in other categories.
	18	Reflects increased spending on electronic databases, with some of the funding coming from the University of Maryland System.
	22	Increase due to the shifting of library school interns from the student assistants budget (24) to the professional budget (22).
	28-31	Total does not include 13 FTE contract and 6 FTE hourly non-student employees (totaling 19 FTE). These categories include both professional and support staff.
	34	Decrease in number of reference questions answered is due to loss of lines and vacancies.
	38, 39	The UMCP Libraries cooperatively charge and deliver materials between the libraries of the other campuses in the University of Maryland System. These transactions are counted in (36) as direct patron loans, not interlibrary loans.
MASSACHUSETTS	1-3, 5-8	Includes Government documents received since 1976.
	14	Increase due to the addition of previously uncataloged items.
	15	Audio-visual department was detached from the library and reassigned to another administrative unit.
	24	Includes \$347,015 in federal work-study grant funds.
	36	Increase due to several changes in circulation policy.
	40	Excludes Ed.D. degrees.
MIT	1-3, 5-8	Includes Government documents.
	6-7	Revised, automated count.
	18	Included in Monographs expenditures (16) and Current serials expenditures (17).
	19	Includes literature searching (\$139,789), microfilming (\$1,150), and postage (\$41,204). Bibliographic utilities, formerly included here, are now included in Operating expenditures.
	34	Figure based on sampling.
	41	Revised, official count.
MIAMI		Volumes held June 30, 1995 revised to 2,032,219.
	22	Excludes director's salary.
	38	Corrected figure of 38,507 received during production.
MICHIGAN		Includes Bentley Historical Library, William L. Clements Library, Kresge Business Library, and Law library. Excludes Dearborn Campus library and the University of Michigan-Flint library.

INSTITUTION	QUESTION NUMBER	NOTES
MICHIGAN (cont'd)	1-3, 5-8	Includes Government documents.
	5-6	Figures for Law library are estimated.
	16-20	Figures for the William L. Clements Library are estimated.
	17	Includes microform serials.
	22	Figure includes wages for librarians and Professional/Administrative category.
	40	Includes Ph.D. fields only; professional degrees and individualized program degrees are excluded.
MICHIGAN STATE	5-7	Includes monographic series that cannot be disaggregated. Includes Government documents.
	11	Revised count due to the removal of the University Archives, both physically and administratively, from the libraries.
	17	Includes expenditures for monographic series that cannot be disaggregated.
	18	Included in Monograph expenditures (16) and Serial expenditures (17).
	26	Increase due to under-reporting for 1994-95.
	37	Increase reflects better reporting of reserve circulation at branch libraries.
MINNESOTA		Excludes branch campus libraries at Duluth, Morris, and Cookston.
	2	An ongoing conversion of non-cataloged volumes for Government documents added approximately 8,500 items.
	4	Figure reflects titles, not volumes
	6	Figure reflects an increase in Government publication serials.
	13-15	Individual counts unavailable. Total Audiovisual is 700,237.
	19	Figure for 1995 discounts reflected on postage and service charge expenses as a result of advance payments made on serial subscriptions. No advance payments were made in 1996, and figure reflects higher postage and service charges.
	26	One-time expenditures of approximately \$580,000 for upgrading computers and providing Internet access, and \$243,000 for retirement buy-out.
	34	Figure represents a combination of actual counting and sampling.
MISSOURI		Various Law library data from ABA report and estimates or figures based on 1994-95 data.
	17	Includes \$446,427 from UM Library Systems Office for OVID databases.
	22	Includes \$173,795 from UM Library Systems Office for OPAC.
	26	Includes \$679,272 from UM Library Systems Office for OPAC.
NATL. AGRICULTURAL LIBRARY		All figures are as of September 30, 1996.
		Excludes USDA field libraries.
	1-3, 5-8	Includes Government documents.

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INSTITUTION	QUESTION NUMBER	NOTES
NATL. AGRICULTURAL LIB. (cont'd)	12-15	Figure represents title counts, not piece counts.
	22-23	Fringe benefits were included last year, but excluded this year.
	29	1994-95 figure revised to 91.
NATL. LIBRARY OF CANADA		All figures are as of March 31, 1996.
		Volumes held March 31, 1995 was revised to include all volumes that were not counted in other categories. The revised figure for 1995-96 now includes Serials, Periodicals, and Special Collections, as well as Monographs. It excludes Government documents. Last year, Government documents serials were included in serials count.
	4-5	In addition to monographs purchased, two copies of documents published in Canada are received on legal deposit.
	6	Includes all active serials (non-government, Canadian federal and provincial government, and UNESCO) that are counted as copies. The concept of "copy" is equivalent to a subscription.
	13	Figures were not available previously.
	16-17	Canadian monographs and serials are received on legal deposit. Excludes materials purchased for staff as working copies.
	16-27	Expenditures reported in Canadian dollars were: (16) \$641,081; (17) \$691,068; (18) \$817,991; (19) \$59,100; (20) \$2,209,240; (21) \$135,310; (22) \$11,361,165; (23) \$8,673,996; (24) \$215,582; (25) \$20,250,743; (26) \$11,303,081; (27) \$33,763,064.
	21	Expenditure reflects major contract for Operation Recovery from damage due to flood.
	28-31	Utilized person-years.
	32-33	Figures include only orientation sessions and guided tours at NLC.
	34	Large decrease due to reduction in service points at the NLC, and the directional information count becoming integrated into the workflow process at the orientation desk.
	35-36	Revised figures include loans from all collections.
NATL. LIBRARY OF MEDICINE		All figures are as of September 30, 1996.
	1-3, 5-8	Includes Government documents; based on a combination of titles and volume counts.
	15	Includes filmstrips, slide sets, slide tapes, and audio materials.
	16-27, 28-31	Figures reflect the Library Operations component of the library: Public Services, Technical Services, Bibliographic Services, and History of Medicine Divisions, as well as the Medical Subject Headings staff, the staff of the Regional Medical Library program, and the Office of the Associate Director for Library Operations.
NEBRASKA	2	A withdrawal project in the 500s and 600s was conducted this year.
	4, 9, 10	Figures unavailable for Law library.
	6, 7	Includes Government documents.
	11	Figures not applicable for Law library.

INSTITUTION	QUESTION NUMBER	NOTES
NEBRASKA (cont'd)	13	Law library reported 0. For other libraries, figure includes only those Government documents cataloged using OCLC.
	14-15	Includes only those Government documents cataloged using OCLC.
	19	Miscellaneous categories are \$35,802 for postage and \$682 for other.
	26	Excludes \$72,433 for building maintenance.
	27	Excludes \$941,287 in benefits.
	28	Includes 2 FTE on grant funds. Former Dean (now Associate Vice Chancellor for Information Services) is a member of the Libraries' faculty, but his salary is not part of the Libraries' budget. His FTE is not reported in this year's figure, but was reported last year.
	29	Includes 3 FTE support staff on grant funds.
NEW MEXICO		Volumes held June 30, 1995 revised to 2,026,567 to include 2,027 volumes of Native American Studies Center Library holdings and 2,657 volumes of Health Sciences Center Library holdings not reported previously.
		The General library, the Law library, and the Health Sciences Center library are separately funded and administered.
		Includes the following main campus libraries: Bainbridge Bunting Memorial Slide Library, MEC/Equity Library, Tireman Learning Materials Library, and Native American Studies Center Library.
		Statistics reported for the UNM General library include Centennial Science and Engineering Library, Fine Arts library, Parish Memorial Library, Zimmerman Library, Center for Southwest Research, and Center for Academic Program Support, all located on main campus. Titles added to the OPAC for the following other main campus libraries are included in the General library volume count: Clark Field Archive and U.S.-Japan Center.
		Excludes the following branch campus libraries: Gallup Campus, Harwood Foundation, Los Alamos Campus, Santa Fe Graduate Center, Taos Education Center, Valencia County Campus.
	2	General library multiplies number of non-government document titles by conversion factor 1.2 to estimate volumes. General library divides number of Government document pieces by 5.2 to estimate volumes.
	4	General Library and Health Sciences Center Library report titles only.
	6-7	General library includes Government documents in Current serials received. Law library and Health Sciences Center library exclude Government documents from Current serials received.
	6	General library holdings reported based on actual count by University of Iowa of government depository serials currently received.
	10, 13, 14, 15	Health Sciences Center Library reports titles, not units.
	26	Includes appropriation from State Legislature for the General Library Center for Southwest Research.
	28-31	Includes 1 FTE professional staff and 2 FTE support staff in grant funded positions in the General library.
	34	Does not include personal one-to-one supplemental instruction in course content delivered by the General Library Center for Academic Program Support.
	45	1994-95 figure revised to 3,145.

INSTITUTION	QUESTION NUMBER	NOTES
NEW MEXICO (cont'd)	46	1994-95 figure revised to 4,863.
NEW YORK		All figures as of August 31, 1996.
		Includes Elmer Holmes Bobst Library, Institute of Fine Arts, Real Estate Institute, Courant Institute of Mathematical Sciences, Kriser Dental Center, Ehrman Medical Library, and Law School library.
	13	Large collection of photographs acquired.
	14	Decrease due to withdrawal of duplicate audiocassettes.
	22-27	Previous salary figures had included campus media staff who are part of NYU Division of Libraries. These salaries are no longer included.
	28	Includes professionals who are not librarians.
	33-34	Figures based on sampling. Increases due to better record keeping.
NEW YORK PUBLIC LIBRARY	1-3, 5-8	Includes Government documents.
	22-23	Expenditures for Salaries and wages for both Professional staff and Support staff is \$20,470,776. Separate figures are unavailable.
	26	Includes expenses associated with opening of new Science, Industry & Business Library.
	31	Includes number of positions authorized; does not reflect number of positions filled/vacant at any given time. Number also includes one-time only project positions.
NEW YORK STATE LIBRARY		All figures as of March 31, 1996.
		Medical and Law library statistics cannot be disaggregated from the main statistics because the Medical and Law collections are an integral part of the main library.
	1-3, 5-8	Includes Government documents.
	16-27	Includes figures for NEH and library fund, as well as State and LSCA funds.
NORTH CAROLINA		Volumes held June 30, 1995 revised to 4,556,561 to include Government documents for which cataloging records are available.
		Includes Institute of Marine Sciences library.
	1-3, 5-8	Includes Government documents.
	19	Miscellaneous library material expenditures include payments for CRL membership and for electronic database access.
	26	Includes one-third of expenditures, or \$5,090 for software purchased by Duke on behalf of UNC, Duke, and NCSU.
	27	Includes \$2,955,500 in grants, trust, and other special funds; excludes \$207,770 in expenditures for the Triangle Research Libraries Network from funds contributed by Duke, North Carolina State, and North Carolina Central Universities.
	28-31	Includes 2.0 FTE on special grant funds; excludes 3 FTE paid from funds contributed by Duke, North Carolina State, and North Carolina Central Universities for support of the Triangle Research Libraries Network.

INSTITUTION	QUESTION NUMBER	NOTES
NORTH CAROLINA STATE		Includes Veterinary Medical Library.
	4	Includes some monographic standing order items paid from serials funds.
	16-17	Some monographic series are paid from serials funds included in (17).
	19	Includes bibliographic utilities (\$95,000) and memberships (\$46,546).
	28	Includes 1 FTE grant-supported and 1.85 FTE temporary professional.
NORTHWESTERN		All figures are as of August 31, 1996.
		Includes Law and Health Sciences libraries on Chicago Campus (Medical and Dental libraries have merged to form Health Sciences library).
	1-3	Includes Government documents.
	11	Excludes Law and Health Sciences libraries.
	12	Decrease due to a large weeding project that is still in progress.
	13-15	Excludes Health Sciences library.
	33-34	Excludes Law library.
	38-39	Data reported in earlier years included interlibrary loans between Evanston and Chicago campuses.
	42	The number of Medical School full-time instructional faculty reported in the University's Data Book has fluctuated due to personnel system coding changes.
NOTRE DAME	18	Includes a \$400,000 purchase of 18th century English literature on microfilm.
	19	Includes costs of a program of preservation microfilming for Notre Dame's medieval studies collection, certain other costs of preservation, material costs of ILL, Document Delivery, Database access, etc., including OCLC access.
	26	Includes a purchase of public chairs (\$326,000) for the University Libraries.
	33	Figure based on sampling. The University Libraries (excluding the Law library) have based their total (13,215) on a uniform multiplier of 15 (i.e., 15 x 881 presentations).
OHIO		Includes Athens (main) campus holdings in Alden Library, the Music/Dance Library, the Chemistry/Physics Reading Room, and the Mathematics/Computer Science Reading Room.
		Includes branch campus libraries in Chillicothe, Lancaster, Ironton, St. Clairsville, and Zanesville.
OHIO STATE		Includes Agriculture, Biological Sciences/Pharmacy, Business, Education/Psychology, Fine Arts, Geology, Health Sciences, Human Ecology, Journalism, Law, Music/Dance, Science/Engineering, Social Work, Undergraduate, and Veterinary Medicine libraries.
	1-7	Includes Government documents.
	10	Count includes individual issues of electronic serials that are cataloged and stored on an OSU computer.

INSTITUTION	QUESTION NUMBER	NOTES
OHIO STATE (cont'd)	14-15	Currently, the computer system does not differentiate between audio and visual materials. Total count for combined A/V is 16,989.
	26	Includes expenditures attributed in 1983-84 and earlier years to the University Computer Center.
	28-31	Includes 2.0 FTE positions funded by grants.
	34	Figure based on sampling.
	36	1994-95 figure for total circulations reflects a period of change from one computer system to another.
	38-39	Figures reflect traditional ILL, plus materials loaned and borrowed via the OhioLINK statewide system.
OKLAHOMA	1-3, 8	Excludes Government documents.
OKLAHOMA STATE		Includes Architecture, Curriculum Materials, Edmon Low, Patent and Trademark, and Veterinary Medicine libraries. Includes the OSU technical branches in Oklahoma City and Okmulgee and OSU's College of Osteopathic Medicine in Tulsa.
	34	Figure based on sampling.
OREGON		Volumes held June 30, 1995 revised to 2,143,566.
	19	Miscellaneous library materials include the University of Oregon System Computer files and search services, \$187,144; Document delivery and interlibrary loan charges, \$28,297; System maintenance and database services, \$160,737; and Bibliographic utilities, networks, and consortia, \$161,802.
	26	Includes other automated system hardware and software; all other supplies, services and equipment.
PENNSYLVANIA	1-3, 5-8	Includes Government documents.
PENNSYLVANIA STATE		Includes main campus and branches at Abington-Ogontz Allentown, Altoona, Beaver, Berks, Delaware, DuBois, Fayette, Hazleton, McKeesport, Mont Alto, New Kensington, Penn State Erie, Penn State Great Valley, Penn State Harrisburg, Schuylkill, Shenango Valley, Wilkes-Barre, Worthington-Scranton, and York, unless specified otherwise.
	13-14	1994-95 was the first year that graphic and audio materials at the branch campuses began to be cataloged and counted.
	34	Figure derived from sampling for main campus only (extrapolation figure used: 41.2987); actual numbers reported for branch campuses.
PITTSBURGH		Volumes held June 30, 1995 revised to 3,636,668.
		Includes branch campus libraries at Bradford, Greensburg, Johnstown, and Titusville.
	32-34	Figures based on sampling.
PRINCETON	13	Large increase reflects an actual count; figures for previous years were underreported.

INSTITUTION	QUESTION NUMBER	NOTES
PURDUE		Volumes held June 30, 1995 revised to 2,166,949.
		Excludes branch campuses at Purdue North Central in Westville, Purdue Calumet in Hammond, and Purdue Fort Wayne in Ft. Wayne.
	1-3	Includes cataloged Government documents.
	4	The number of monographic volumes purchased excludes volumes purchased on sponsored research programs.
	6	Prior to 1995-96, the number of current serials, including periodicals, received but not purchased included only gift serials. Beginning with 1995-96, this reporting category includes cataloged depository, exchange, and gift serials.
	18	Expenditures for these materials are included in Monograph expenditures (16) and Serial expenditures (17), and cannot be disaggregated.
QUEEN'S		All figures are as of April 30, 1996.
	1-15	Excludes Government documents.
	13	Excludes Education library.
	17	Includes microforms.
	18	Includes audiovisual materials only.
	16-27	Expenditures reported in Canadian dollars were: (16) \$1,444,137; (17) \$3,798,187; (18) \$39,932; (19) \$0; (20) \$5,282,256; (21) \$149,190; (22) \$2,194,360; (23) \$4,327,704; (24) \$319,334; (25) \$6,841,398; (26) \$1,028,332; (27) \$13,301,176.
	26	Includes a \$201,814 one-time allocation.
	28	Includes 1 FTE Librarian contract positions paid on soft money, not operating funds.
	32-34	Figures based on sampling.
	42	All ranks combined, including Deans and excluding preclinical and clinical instructors. Data as reported to Statistics Canada. Previous data excluded basic medical instructors in error. 1994-95 figure revised to 816.
	43-46	Enrollments as of November 1, 1995.
	43	Includes 2,058 graduate students.
	44	Includes 641 graduate students. 1994-95 figure revised to 3,985.
	45	Excludes Interns, Residents, and Fellows.
	46	Excludes Theology students.
RICE	4, 35-37	Data unavailable due to a change in the library's automated system.
	5-7	Decrease due to recalculation of serial subscriptions.
	11	Manuscripts and archives are in cubic feet.
	19	Miscellaneous expenditures: Memberships for purposes of publications and access, \$43,755; ILL, \$46,465; Library system and computer software, \$56,500.
	38-39	Excludes borrowing and lending activity for fee-based off-campus information delivery operation.

INSTITUTION	QUESTION NUMBER	NOTES
RICE (cont'd)	44	1994-95 figure revised to 151.
ROCHESTER	1	Basic volume count for Sibley Music Library is bibliographic.
	1, 4	Includes Government documents for River Campus libraries.
	4	Title count for Edward G. Miner Library.
	5-7	Includes purchased duplicate subscriptions to Government document serials. Does not include all Government document serials.
	5	Includes purchased duplicate subscriptions for River Campus libraries.
	6	Not kept separately of Sibley Music Library, included in Current serials purchased (5).
	9	Excludes Sibley Music Library.
	11	Estimated for Sibley Music Library.
	13	Edward G. Miner Library only.
	14	Excludes Edward G. Miner Library.
	17	River Campus libraries includes monographic series and electronic serials.
	18	For Sibley Music Library, figure includes Audiovisual only; Microforms and Computer files included in Monograph expenditures (16). For River Campus libraries, included in Monograph expenditures (16).
	19	River Campus libraries only.
RUTGERS		Figures include two law libraries, services to a non-Rutgers medical school, and campuses in Camden, Newark, and New Brunswick.
	1, 3	Includes newly cataloged Government documents.
	12-15	Total Audiovisual materials is 110,446 items.
	19	Includes memberships (\$167,656).
	25, 31	Excludes staff hired for special projects and grants.
	34	Figure based on sampling.
SASKATCHEWAN		All figures are as of April 30, 1996.
		Excludes Theological College libraries on campus which are not part of the library system.
	1-7	Includes Government documents.
	4	Titles purchased.
	6	Includes 4,350 Government publication subscriptions received on deposit and 773 gifts.
	16-27	Expenditures reported in Canadian Dollars were: (16) \$1,323,519; (17) \$4,208,628; (18) U/A; (19) \$142,603; (20) \$5,674,750; (21) \$87,391; (22) \$1,954,402; (23) \$3,206,175; (24) \$203,544; (25) \$5,364,121; (26) \$813,950; (27) \$11,940,212.
	27	Includes funding from grants and special funds.
	35	1994-95 figure for initial circulations included reserve circulations.

INSTITUTION	QUESTION NUMBER	NOTES
SMITHSONIAN		<p>All figures are as of September 30, 1996.</p> <p>Branches outside Washington DC include: Center for Astrophysics, Cambridge, MA and Mt. Hopkins, AZ; Cooper-Hewitt Museum of Decorative Arts and Design, New York City; and Smithsonian Tropical Research Institute in Panama.</p>
	1-4	As purchasing agent for all library materials for the Smithsonian Institution, Smithsonian Institution Libraries (SIL) purchases monographs and serials for some libraries that are not under SIL administration. The non-SIL libraries are located in the Hirshhorn Museum and Sculpture Garden, Woodrow Wilson International Center for Scholars, National Museum of American Art, National Portrait Gallery, and the Gustav Heye Center of the National Museum of the American Indian. Purchases for non-SIL libraries are not added to the SIL collections and therefore are not included in these numbers.
	2	Represents volumes received in the SIL branches. Microforms are not included.
	5	In 1996, 3,049 serials were purchased for SIL collections, 706 for non-SIL. Represents the number of titles, not volumes. Includes purchases for SIL and non-SIL libraries. The cost of purchases for non-SIL libraries is included in Monograph expenditures (16) and Serial expenditures (17).
	16	Includes expenditures for both print and non-print items; the amount for non-print items cannot be disaggregated from the total.
	24	During FY 1996, thirteen different students worked an estimated total of 4.5 FTE.
	25	Actual "on board" costs. Does not include any "lapsed salaries" due to vacancies. Lapsed salaries were reprogrammed for expenditures in other areas.
	32	There is no formal bibliographic instruction program. Instruction is provided to patrons as needed.
	34	Includes any time spent on bibliographic instruction as the need arose, for individual or group.
	35-37	There is no reserve collection.
SOUTH CAROLINA		Volumes held June 30, 1995 revised to 2,865,585 to reflect documents that are cataloged/classified and listed in the online catalog. (Formulae used to determine total: 52 pieces per foot/10 volumes per foot.) 45 volumes added as a result of an addition error in submission of Medical Library statistics for 1995.
SOUTHERN CALIFORNIA		<p>Includes Law library, which is an administratively separate library located on Main Campus. Includes Health Sciences Library System, which is an administratively separate system and located on a separate Health Sciences Campus except for the Dental library, which is located on Main Campus.</p> <p>Excludes the Safety and Systems Management library.</p>
	10	Decrease is the result of a recount of Main Campus holdings.
	12	Figure is unavailable for Main Campus. Figure for Law library is 33; figure for Health Sciences Library System is 0.
	28-31	Staff for special projects and grants totals three people.
	32-34	Increases are based on inclusion of Law library counts for the first time.

INSTITUTION	QUESTION NUMBER	NOTES
SOUTHERN CALIFORNIA (cont'd)	34	Law library figures are based on sampling; Main Campus and Health Sciences Libraries use actual count.
	36	Law library figure does not include renewals.
	40	Ph.D. figures are for 1994-95, and may include a minimal number of non-Ph.D. doctoral degrees.
SOUTHERN ILLINOIS		Excludes School of Medicine library (Springfield), which is not administratively part of Library Affairs.
	1-3	Includes Government documents.
	4	Figure reflects title count.
	28	Includes personnel in the U.S. Grant Association, Distance Learning, and the medical account that were not reported in previous years.
	34	Figure based on sampling.
STANFORD		Figures include Hopkins Marine Station Library.
		All totals reflect 1991-92 figures for the Stanford Linear Accelerator Center, which has been unable to report since 1992.
		Medical and Law library statistics cannot be disaggregated from the main statistics because the Medical and Law collections are an integral part of the main library.
	1-3, 5-8	Includes Government documents.
	27	Includes \$57,458 in grant and contract funds.
	31	Includes 1.10 FTE paid from grant and contract funds.
	34	Method of counting reference transactions changed.
SUNY-ALBANY		Includes the Thomas E. Dewey Graduate Library of Public Affairs and Policy on the east campus.
	4	Figure reflects title count.
	19	Includes: ILL services, \$25,445; memberships, \$58,746; bibliographic utilities, \$37,000; computer-based reference services, \$69,127.
	22-23	Salary breakdown is based on a percentage formula.
	25	Includes estimated 3 FTE professional, 3.3 FTE support staff, and 5.9 FTE student assistants in cost recovery positions and from grants.
SUNY-BUFFALO	7	Excludes Government documents.
	12-15	Figures are estimated.
	19	Includes memberships (\$34,000) and bibliographic utilities and literature searching (\$157,790).
	25	Excludes federal work-study funding.
	28	Excludes FTE for Law Library Director; .5 FTE for Music Library Director, and 1 FTE in Undergraduate Library supported by outside funding.
	32-34	Figures based on sampling.

INSTITUTION	QUESTION NUMBER	NOTES
SUNY-BUFFALO (cont'd)	40	Figure is as of June 30, 1996.
SUNY-STONY BROOK	1, 3	Reflects extensive weeding project in Medical library.
	5	Includes all serials received by Medical library.
	6	Decrease reflects decline in number of print serials issued by GPO.
	9	Increase reflects change in formula used to count documents.
	19	Includes some expenditures for bibliographic utilities and automation, literature searching, memberships, and binding.
	25	Includes some early retirement benefits.
	27	Includes \$380,486 from income fund and grants.
SYRACUSE		Volumes held June 30, 1992 revised to 2,367,269; Volumes held June 30, 1993 revised to 2,405,798; Volumes held June 30, 1994 revised to 2,613,353. (1994 figure includes one-time count of 166,000 volumes held, because of Marcive tape load and volumes in Florence, Italy, the Division of International Programs Abroad library. Total volume count is only figure that includes branch campus in Italy.)
	5, 6, 9-10	Figures estimated.
	11	Includes 15,000 linear feet of University Archives and 5,000 feet of Special Collections material in remote storage. Excludes Law school.
	22	Includes \$76,220 for Computing and Media Services staff.
	26	Includes \$54,697 in one-time funding for computer hardware and \$357,774 in Computing and Media Services operating expenses.
	28	Includes 1.5 FTE professional staff in Computing and Media Services.
	40	Excludes 272 J.D.s (College of Law).
TEMPLE		Includes the Ambler and Tyler campuses.
	5	Approximately 830 titles included in the past have been shifted into the ceased or inactive categories, and are no longer included.
	34	Figure based on sampling.
	37	Figure based on reserve system-generated statistics, and is approximately 50,000 less than the estimated figure reported in 1994-95.
	40	Includes all academic doctoral degrees.
TENNESSEE		Volumes held in June 30, 1995 revised to 2,143,328 to include Government documents available through the OPAC. The formula to calculate the number of volumes for Government documents was used.
		Includes Knoxville Campus only.
	9	Cartographic materials previously included here are now included in Cartographic materials (12).
	27	Includes \$402,038 from Restricted Accounts (e.g., endowed funds).

INSTITUTION	QUESTION NUMBER	NOTES
TEXAS		All figures are as of August 31, 1996 and include the General Libraries, the Center for American History, the Tarlton Law Library, and the Humanities Research Center.
	4	Includes 43,994 monographic volumes purchased by the General Libraries, 200 by the Center for American History, 2,223 by the Tarlton Law Library, and 1,095 by the Humanities Research Center.
	5	Includes 20,610 Current serials purchased by the General Libraries, 98 by the Center for American History, 6,154 by the Tarlton Law Library, and 347 by the Humanities Research Center.
	6	Includes 20,859 serials received but not purchased by the General Libraries, 250 by the Center for American History, 3,361 by the Tarlton Law Library, and 153 by the Humanities Research Center.
	16	Includes expenditures for monographs of \$2,041,298 by the General Libraries, \$53,264 by the Center for American History, \$59,817 by the Tarlton Law Library, and \$111,132 by the Humanities Research Center.
	17	Includes expenditures for Current serials of \$3,253,881 by the General Libraries, \$3,500 by the Center for American History, \$727,473 by the Tarlton Law Library, and \$11,394 by the Humanities Research Center.
	18	Includes expenditures of \$117,421 by the General Libraries, \$122,011 by the Tarlton Law Library, and \$588,482 by the Humanities Research Center.
	19	Includes expenditures of \$7,542 by the General Libraries and \$31,400 by the Tarlton Law Library.
	20	Includes expenditures of \$5,420,142 by the General Libraries, \$56,764 by the Center for American History, \$940,701 by the Tarlton Law Library, and \$711,008 by the Humanities Research Center.
	24	Includes federal work-study funds.
	31	Includes 6.64 FTE staff hired on grant funds.
	39	1994-95 figure revised to 22,011.
	40	Includes Ed.D. degrees.
TEXAS A&M		All figures are as of August 31, 1996.
		Medical library is a separate academic entity.
		Includes Business and Agricultural Library and branch library at Galveston.
	4	Increase due to special allocation. Figures not available for branch or Medical library.
	5	Increase due to special allocation.
	6-7	Government documents serials included for the first time.
	9-10	Figures unavailable for branch library.
	11	Increase reflects a substantial number of personal collection papers added.
	14	Increase due to special allocation.
	16	Increase due to special allocation.
	26	Includes \$396,667 for Computer Services Center operation of NOTIS.

INSTITUTION	QUESTION NUMBER	NOTES
TEXAS A&M (cont'd)	28-31	Some nonlibrary professional positions were moved to support staff line, and ten new positions were created and filled in the support staff line in main library.
	32-33	Figures unavailable for main library.
	35	Figure unavailable for branch library.
	35-36	Figure for main library reflects a more accurate count.
	37	Figure unavailable for branch library.
	41	1994-95 figure revised to 83.
	42	Figure is based on nine months at 100% effort.
TORONTO		All figures are as of April 30, 1996.
		Includes only the libraries of the University within the President's budget; excludes those of the federated and affiliated institutions.
	1-4	Includes monographic series and Government documents.
	9	Included in Microform units (8).
	16-27	Expenditures reported in Canadian dollars were: (16) \$6,171,601; (17) \$7,527,857; (18) U/A; (19) U/A; (20) \$13,699,458; (21) \$393,311; (22) \$9,459,922; (23) \$13,782,941; (24) \$2,198,661; (25) \$25,441,524; (26) \$2,104,108; (27) \$41,638,401.
TULANE	18-19	Included in Monograph expenditures (16) and Serials expenditures (17).
	11	1994-95 figure was incorrect.
	34	Directional questions at a new lobby desk are no longer included.
	37	1994-95 figure did not include Howard-Tilton Library.
	38-39	Undergraduates are now included.
	41	Ph.D. fields reduced.
UTAH		Volumes held June 30, 1995 revised to 2,477,246.
		Law and Medical libraries' statistics have been included with the main statistics since 1992-93.
	1-3	Includes cataloged Government documents.
	5-7	Includes Government documents.
	32-33	Figures based on sampling.
VANDERBILT	41	1994-95 figure reported incorrectly.
		Main campus libraries included are: Central, Science, Divinity, Education, Management, Music, Special Collections, and University Archives.
	5-7	Law library includes Government documents in count of current serials.
	42	Full-time instructional faculty figure includes clinical faculty.

INSTITUTION	QUESTION NUMBER	NOTES
VIRGINIA		Volumes held June 30, 1995 revised to 4,166,156 to include 351 cataloged Government documents.
	5-7	Includes Government document serials. Includes monographic series in Health Sciences and Law libraries.
	8	Includes Government documents in microformats.
	9	Includes all U.S., international, and Virginia state documents in separate documents collection, excluding those represented by OPAC records.
	17	Includes expenditures for monographic series in Health Sciences and Law libraries.
	22-25	At Health Sciences library, some of the positions are not state-funded; in those positions, the fringe benefits are included in the expenditures.
	34	Figure based on sampling.
VPI & SU	7	Figure based on improved statistical accounting from OPAC system.
	9	Effective February 1996, no retention in SuDocs ; all documents cataloged.
	16	Includes firm order approval and blanket order monographs.
	19	Includes bibliographic utilities, literature searching, membership dues (ARL, CNI, CRL), interlibrary loans, postage and handling, and VPI dissertation filming.
	37	Includes 94,334 paper transitions and 192,130 electronic transactions.
	41	In addition to the reported 47 fields in which Ph.D.s can be awarded, Ed.D.s can be awarded in 6 fields and D.V.M.s can be awarded in 1 field.
WASHINGTON	4-7, 9-15, 33-34, 36-37, 40-41	Figures are unavailable for Law library.
	22	Number for professional staff for Law library includes 2 non-librarians and the Head Librarian, who is classified as faculty.
	28	Includes 1 FTE librarian for Law library listed as a temporary who was hired for a special Law library project.
	34	Figures are available for Medical library only.
	36	1994-95 figure revised to 3,067,608.
	37	1994-95 figure revised to 204,776.
	42-46	Figures are unavailable for Medical library.
WASHINGTON STATE		Excludes branch campuses at Spokane, Tri-Cities, and Vancouver.
	12-15	Figures include Manuscripts, Archives, and Special Collection items in addition to Media Materials Services collection.
	16-27	Includes expenditures for CD-ROMs, Microforms, and Manuscripts and archives items.
	18	Media Materials Services films and videos only.
	19	CRL membership dues.
	26	Includes Friends of the Library and library development funds.

INSTITUTION	QUESTION NUMBER	NOTES
WASHINGTON STATE (cont'd)	34	Figure based on sampling.
WASHINGTON U.-ST. LOUIS	4, 6	Figures unavailable for all libraries.
	9	Separate figures are for Social Work library only.
	11	Linear feet for Archives only; Manuscripts are reported by item count, not linear feet.
	18	Separate figures unavailable for central library.
	19	Includes Remote Searching (\$514,540), Document Delivery (\$87,931), Bibliographic Utilities (\$302,818), and Memberships (\$73,328).
	28	Increase represents telecommunications staff paid from the Medical library budget that were not in the staff counts last year.
	32-35	Figures unavailable for some departmental libraries.
	34	Figure based on sampling.
	36	Circulation and reserve transactions combined for departmental libraries (online system does not separate transactions. Total departments under central administration transactions = 127,195.)
	37	Separate figures unavailable for libraries under Central Administration and are included in Total circulations (36).
	38-39	Dramatic decline from last year because of error in reporting. Figures reported were total requests rather than filled requests.
WATERLOO		All figures are as of April 30, 1996.
		Volumes held April 30, 1995 revised to 1,750,254; Volumes held April 30, 1994 revised to 1,722,508.
	2	1994-95 figure revised to 43,264.
	3	1994-95 figure revised to 27,746.
	5	1994-95 figure for current serials, including periodicals, purchased revised to 14,048; 1993-94 figure revised to 15,127; 1992-93 figure revised to 15,271; 1991-92 figure revised to 15,680; 1990-91 figure revised 15,342.
	16-27	Expenditures reported in Canadian dollars were : (16) \$1,194,939; (17) \$2,957,171; (18) U / A; (19) \$412,127; (20) 4,564,237; (21) \$85,146; (22) \$2,331,284; (23) \$3,865,125; (24) \$380,240; (25) \$6,576,649; (26) \$845,745; (27) \$12,071,777.
	34	1994-95 figure for reference transactions revised to 66,726; 1993-94 figure revised to 67,158; 1992-93 figure revised to 72,536; 1991-92 figure revised to 70,514; 1990-91 figure revised 66,937.
	35	1994-95 figure for initial circulations revised to 476,727; 1993-94 figure revised to 527,393; 1992-93 figure revised to 516,161; 1991-92 figure revised to 652,493; 1990-91 figure revised 532,856.
	36	1994-95 figure for total circulations revised to 762,708; 1993-94 figure revised to 836,010; 1992-93 figure revised to 820,378; 1991-92 figure revised to 960,261; 1990-91 figure revised 822,799.
	37	1994-95 figure for reserve circulations revised to 139,924; 1993-94 figure revised to 151,010; 1992-93 figure revised to 155,412; 1991-92 figure revised to 157,100; 1990-91 figure revised 169,550.

INSTITUTION	QUESTION NUMBER	NOTES
WAYNE STATE		All figures are as of September 30, 1996.
		Includes Reuther Archives of Labor and Urban Affairs and College of Pharmacy and Allied Health Professionals.
		Medical and Law library statistics cannot be disaggregated from the main statistics because the Medical and Law collections are an integral part of the Main library.
	1-7	Includes Government documents, based on sampling.
	18	Figure cannot be disaggregated from Monograph expenditures (16) and Serial expenditures (17).
WESTERN ONTARIO	34	Figure based on sampling.
	41	1994-95 figure revised to 53.
		All figures are as of April 30, 1996.
WISCONSIN	16-27	Expenditures reported in Canadian dollars were: (16) \$1,611,087; (17) \$4,366,660; (18) U/A; (19) 0; (20) \$5,977,747; (21) \$191,079; (22) U/A; (23) U/A; (24) U/A; (25) \$8,218,623; (26) \$1,951,418; (27) \$16,338,867 .
	1	Includes maps not included in Cartographic (12).
	7-9	Some government document serials are assigned Library of Congress numbers and are in the serials count.
	11	Figure based on new measure of the collection.
	12	Includes maps not included in Volumes held June 30, 1996 (1).
	34	Figure based on sampling.
YORK		All figures are as of April 30, 1996.
		Includes Glendon Campus.
	10	Large increase due to a change in the counting procedure.
	13	Additional holdings 1,146 linear feet.
	16-27	Expenditures reported in Canadian dollars were: (16) \$1,602,269; (17) \$2,884,195; (18) \$461,190; (19) \$285,080; (20) \$5,232,734; (21) \$204,699; (22) \$3,327,845; (23) \$4,271,388; (24) \$858,613; (25) \$8,457,846; (26) \$5,639,814; (27) \$19,535,093.
	26-27	Includes Gifts-in-Kind donations as both revenue and expense. This year's figure represents an unusually high amount for Gifts-in-Kind.

APPENDIX A

ARL MEMBER LIBRARIES

The Association of Research Libraries (ARL) represents the interests of 120 libraries that serve major North American research institutions. ARL operates as a forum for the exchange of ideas and as an agent for collective action to influence the forces affecting the ability of these libraries to meet the future needs of scholarship. The ARL Statistics and Measurement Program is organized around identifying, collecting, analyzing, and distributing quantifiable information describing the characteristics of research libraries. The program offers publications and special member services, and collaborates with other national and international library statistics programs. Data collected include salaries, library holdings, expenditures, staff, interlibrary lending, and preservation activities.

The members of the Association are:

<u>Institution</u>	<u>Category</u>	<u>Full Name of Institution</u>	<u>Location</u>
Alabama	S	University of Alabama	Tuscaloosa, Alabama
Alberta	C	University of Alberta	Edmonton Alberta
Arizona	S	University of Arizona	Tucson, Arizona
Arizona State	S	Arizona State University	Tempe, Arizona
Auburn	S	Auburn University	Auburn, Alabama
Boston	P	Boston University	Boston, Massachusetts
Brigham Young	P	Brigham Young University	Provo, Utah
British Columbia	C	University of British Columbia	Vancouver, British Columbia
Brown	P	Brown University	Providence, Rhode Island
California, Berkeley	S	University of California, Berkeley	Berkeley, California
California, Davis	S	University of California, Davis	Davis, California
California, Irvine	S	University of California, Irvine	Irvine, California
California, Los Angeles	S	University of California, Los Angeles	Los Angeles, California
California, Riverside	S	University of California, Riverside	Riverside, California
California, San Diego	S	University of California, San Diego	La Jolla, California
California, Santa Barbara	S	University of California, Santa Barbara	Santa Barbara, California
Case Western Reserve	P	Case Western Reserve University	Cleveland, Ohio
Chicago	P	University of Chicago	Chicago, Illinois
Cincinnati	S	University of Cincinnati	Cincinnati, Ohio
Colorado	S	University of Colorado	Boulder, Colorado
Colorado State	S	Colorado State University	Fort Collins, Colorado
Columbia	P	Columbia University	New York, New York
Connecticut	S	University of Connecticut	Storrs, Connecticut
Cornell	P	Cornell University	Ithaca, New York
Dartmouth	P	Dartmouth College	Hanover, New Hampshire
Delaware	S	University of Delaware	Newark, Delaware
Duke	P	Duke University	Durham, North Carolina
Emory	P	Emory University	Atlanta, Georgia
Florida	S	University of Florida	Gainesville, Florida
Florida State	S	Florida State University	Tallahassee, Florida
Georgetown	P	Georgetown University	Washington, DC
Georgia	S	University of Georgia	Athens, Georgia
Georgia Tech	S	Georgia Institute of Technology	Atlanta, Georgia
Guelph	C	University of Guelph	Guelph, Ontario
Harvard	P	Harvard University	Cambridge, Massachusetts
Hawaii	S	University of Hawaii	Honolulu, Hawaii
Houston	S	University of Houston	Houston, Texas
Howard	P	Howard University	Washington, DC
Illinois, Chicago	S	University of Illinois at Chicago	Chicago, Illinois
Illinois, Urbana	S	University of Illinois at Urbana	Urbana, Illinois
Indiana	S	Indiana University	Bloomington, Indiana
Iowa	S	University of Iowa	Iowa City, Iowa
Iowa State	S	Iowa State University	Ames, Iowa
Johns Hopkins	P	Johns Hopkins University	Baltimore, Maryland
Kansas	S	University of Kansas	Lawrence, Kansas
Kent State	S	Kent State University	Kent, Ohio
Kentucky	S	University of Kentucky	Lexington, Kentucky
Laval	C	Laval University	Quebec
Louisiana State	S	Louisiana State University	Baton Rouge, Louisiana
McGill	C	McGill University	Montreal, Quebec
McMaster	C	McMaster University	Hamilton, Ontario
Manitoba	C	University of Manitoba	Winnipeg, Manitoba
Maryland	S	University of Maryland	College Park, Maryland
Massachusetts	S	University of Massachusetts	Amherst, Massachusetts
MIT	P	Massachusetts Institute of Technology	Cambridge, Massachusetts
Miami	P	University of Miami	Coral Gables, Florida

S=U.S. public university P=U.S. private university N=U.S. nonuniversity library C=Canadian university X=Canadian nonuniversity

<u>Institution</u>	<u>Category</u>	<u>Full Name of Institution</u>	<u>Location</u>
Michigan	S	University of Michigan	Ann Arbor, Michigan
Michigan State	S	Michigan State University	East Lansing, Michigan
Minnesota	S	University of Minnesota	Minneapolis, Minnesota
Missouri	S	University of Missouri	Columbia, Missouri
Nebraska	S	University of Nebraska-Lincoln	Lincoln, Nebraska
New Mexico	S	University of New Mexico	Albuquerque, New Mexico
New York	P	New York University	New York, New York
North Carolina	S	University of North Carolina	Chapel Hill, North Carolina
North Carolina State	S	North Carolina State University	Raleigh, North Carolina
Northwestern	P	Northwestern University	Evanston, Illinois
Notre Dame	P	University of Notre Dame	Notre Dame, Indiana
Ohio	S	Ohio University	Athens, Ohio
Ohio State	S	Ohio State University	Columbus, Ohio
Oklahoma	S	University of Oklahoma	Norman, Oklahoma
Oklahoma State	S	Oklahoma State University	Stillwater, Oklahoma
Oregon	S	University of Oregon	Eugene, Oregon
Pennsylvania	P	University of Pennsylvania	Philadelphia, Pennsylvania
Pennsylvania State	S	Pennsylvania State University	University Park, Pennsylvania
Pittsburgh	S	University of Pittsburgh	Pittsburgh, Pennsylvania
Princeton	P	Princeton University	Princeton, New Jersey
Purdue	S	Purdue University	West Lafayette, Indiana
Queen's	C	Queen's University	Kingston, Ontario
Rice	P	Rice University	Houston, Texas
Rochester	P	University of Rochester	Rochester, New York
Rutgers	S	Rutgers University	New Brunswick, New Jersey
Saskatchewan	C	University of Saskatchewan	Saskatoon, Saskatchewan
South Carolina	S	University of South Carolina	Columbia, South Carolina
Southern California	P	University of Southern California	Los Angeles, California
Southern Illinois	S	Southern Illinois University	Carbondale, Illinois
Stanford	P	Stanford University	Stanford, California
SUNY-Albany	S	State University of New York at Albany	Albany, New York
SUNY-Buffalo	S	State University of New York at Buffalo	Buffalo, New York
SUNY-Stony Brook	S	State University of New York at Stony Brook	Stony Brook, New York
Syracuse	P	Syracuse University	Syracuse, New York
Temple	S	Temple University	Philadelphia, Pennsylvania
Tennessee	S	University of Tennessee	Knoxville, Tennessee
Texas	S	University of Texas	Austin, Texas
Texas A&M	S	Texas A&M University	College Station, Texas
Toronto	C	University of Toronto	Toronto, Ontario
Tulane	P	Tulane University	New Orleans, Louisiana
Utah	S	University of Utah	Salt Lake City, Utah
Vanderbilt	P	Vanderbilt University	Nashville, Tennessee
Virginia	S	University of Virginia	Charlottesville, Virginia
VPI & SU	S	Virginia Polytechnic Institute & State University	Blacksburg, Virginia
Washington	S	University of Washington	Seattle, Washington
Washington State	S	Washington State University	Pullman, Washington
Washington U.-St. Louis	P	Washington University	St. Louis, Missouri
Waterloo	C	University of Waterloo	Waterloo, Ontario
Wayne State	S	Wayne State University	Detroit, Michigan
Western Ontario	C	University of Western Ontario	London, Ontario
Wisconsin	S	University of Wisconsin	Madison, Wisconsin
Yale	P	Yale University	New Haven, Connecticut
York	C	York University	North York, Ontario
Boston Public Library	N	Boston Public Library	Boston, Massachusetts
Canada Inst. for SciTech	X	Canada Inst. for Scientific & Technical Information	Ottawa, Ontario
Center for Research Libs.	N	Center for Research Libraries	Chicago, Illinois
Library of Congress	N	Library of Congress	Washington, DC
Linda Hall Library	N	Linda Hall Library	Kansas City, Missouri
Natl. Agricultural Lib.	N	National Agricultural Library	Beltsville, Maryland
Natl. Library of Canada	X	National Library of Canada	Ottawa, Ontario
Natl. Library of Medicine	N	National Library of Medicine	Bethesda, Maryland
New York Public Library	N	New York Public Library	New York, New York
New York State Library	N	New York State Library	Albany, New York
Smithsonian Institution	N	Smithsonian Institution	Washington, DC

S=U.S. public university P=U.S. private university N=U.S. nonuniversity library C=Canadian university X=Canadian nonuniversity

**ARL STATISTICS AND MEASUREMENT PROGRAM
PUBLICATIONS AND SERVICES**

<http://arl.cni.org/stats/Statistics/stat.html>

The Age Demographics of Academic Librarians: A Profession Apart

Stanley J. Wilder. December 1995. ISBN 0-918006-77-5. 88pp. \$30.

Based on data from the ARL Annual Salary Survey, this report examines the shape and movement of the ARL librarian age profile, correlates it to the 1960s period of baby boom growth in higher education, and makes startling retirement projections for the group.

ARL Academic Law and Medical Library Statistics

1996. Standing orders: \$65 (\$35 ARL members). Also available on disk: \$15.

Presents data on a wide range of topics for academic law and medical libraries including collections size and growth, materials and operating expenditures, staffing, and public service activities.

ARL Annual Salary Survey 1996-97

ISSN 0361-5669. Back issues are available. Standing orders: \$65 (\$35 ARL members).

A compilation of data covering over 12,000 professional positions in ARL's member libraries. Tables display average, median, and beginning salaries; salaries by position and experience, gender and race; and salaries in different geographic regions and sizes of libraries.

ARL Preservation Statistics 1994-95

ISSN 1050-7442. Back issues are available. Standing orders: \$65 (\$35 ARL members).

Annual compilation of data on current levels of preservation efforts and reports on the key organizational, functional, and fiscal components comprising ARL preservation programs.

Developing Indicators for Academic Library Performance: Ratios from the ARL Statistics 1993-95

August 1996. ISSN 1084-9459. 196pp. \$50 (\$25 ARL members).

Presents 30 selected ratios that describe changes in internal library operations, as well as resources per faculty and per student, for ARL university libraries over a two-year period.

Conducting User Surveys In Academic Libraries

This introductory, one-day workshop presents the basic concepts and steps for conducting a user survey: defining objectives, sampling, measurement scales, logistics, data analysis, and report writing.

Electronic Publishing of Data Sets on the WWW

This three-day workshop is designed for librarians, information professionals, and educators, and provides hands-on experience in developing interfaces for publishing and analyzing social, economic, and other numeric data sets on the WWW.

Customized Services

For any dataset produced by ARL, you can request comparative institutional data and ARL will perform the analysis and provide you with tables and reports in the format that best suits your needs.

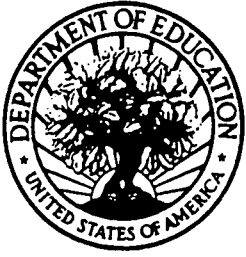
For more information on any of these products or services, please contact Julia Blixrud, ARL Senior Program Officer at 202-296-2996 or email <jblix@cni.org>.

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