

# ARL STATISTICS 2007–2008

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ASSOCIATION OF RESEARCH LIBRARIES  
WASHINGTON, DC  
2009

## ARL Statistics 2007–2008

The 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.

The *ARL Statistics* datafiles and accompanying documentation are available at [www.arl.org/stats/annualsurveys/arlstats/index.shtml](http://www.arl.org/stats/annualsurveys/arlstats/index.shtml).

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The paper used in this publication meets the minimum requirements of the American National Standard for Information Science and National Information Standards Organization standard—Permanence of Paper for Publications and Documents in Libraries and Archives, ANSI/NISO Z39.48-1992(R1997).

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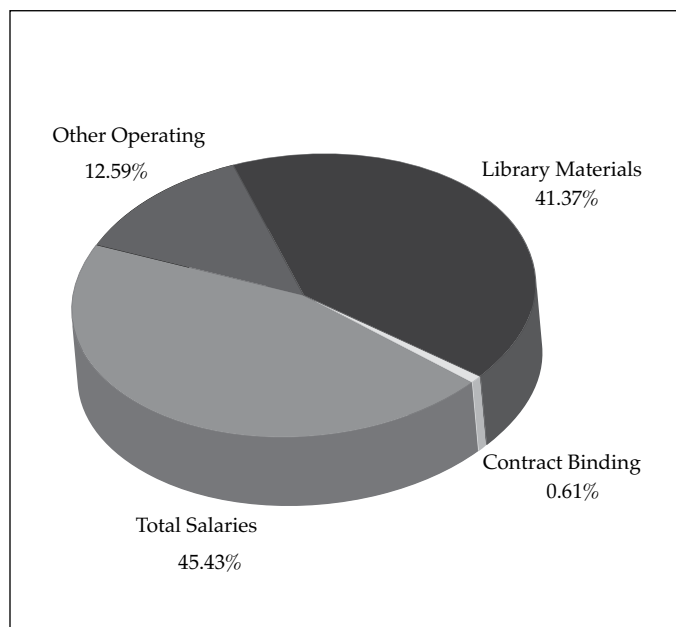
## RESEARCH LIBRARY TRENDS

*ARL Statistics 2007–2008* is the latest in a series of annual publications that describe collections, staffing, expenditures, and service activities for the 123 members of the Association of Research Libraries (ARL). Of these, 113 are university libraries; the remaining 10 are public, governmental, and nonprofit research libraries. ARL member libraries are the largest research libraries in North America, representing 16 Canadian and 107 US research institutions. The academic libraries, which comprise about 92% of the membership, include 14 Canadian and 99 US libraries.

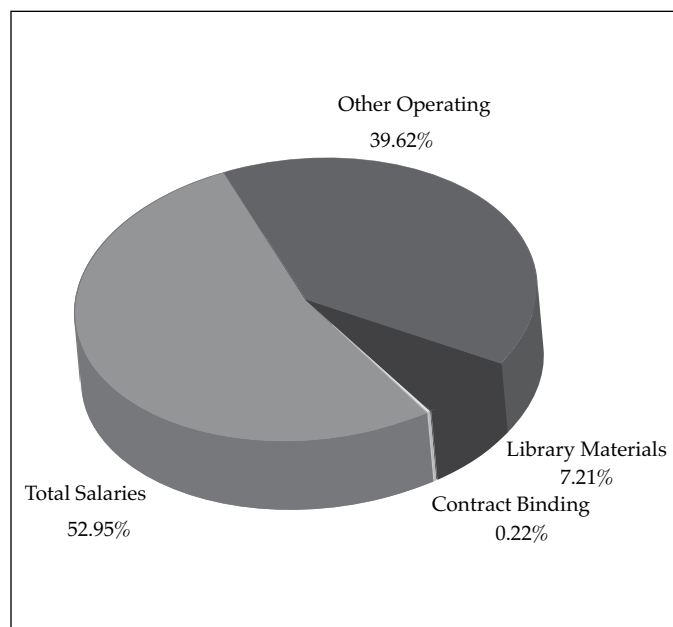
Statistics have been collected and published annually for the members of the Association of Research Libraries since 1961–1962, and the data are available through an interactive Web interface. Prior to 1961–1962, annual statistics for university libraries were collected by James Gerould, first at the University of Minnesota and later at Princeton University.<sup>1</sup> These data, covering the years 1907–1908 through 1961–1962, are now called the Gerould statistics.<sup>2</sup> The whole data series from 1908, which is available on the ARL server,<sup>3</sup> represents the oldest and most comprehensive continuing library statistical series in North America.

ARL libraries are a relatively small subset of libraries in North America, but they do account for a large portion of academic library resources in terms of assets, budgets, and the number of users they serve. The total library expenditures of all 123 member libraries in 2007–2008 was more than \$4 billion; from that, roughly \$3 billion was spent by the 113 university libraries and more than \$1 billion by the nonuniversity libraries. The pie charts below show how the two types of libraries divide these expenditures differently.

**University Libraries 2007–2008**



**Nonuniversity Libraries 2007–2008**



<sup>1</sup> Kendon L. Stubbs and Robert E. Molyneux, *Research Library Statistics 1907–08 through 1987–88* (Washington, DC: ARL, 1990).

<sup>2</sup> Robert E. Molyneux, *The Gerould Statistics 1907/08 – 1961/62*. (Washington, DC: ARL, 1986) <http://fisher.lib.virginia.edu/gerould/>.

<sup>3</sup> <http://www.arl.org/stats/arlstat/mrstat.html>.

## CHANGE IN COUNTING SERIALS

For the second year in a row the definition of counting serials in the *ARL Statistics* is now counting serial titles. As a result the trend line of publishing serial cost per subscription is being discontinued and eventually a new one will emerge as we collect annual data on serial titles. This change, though simple at first glance, is very important as it makes the concept of serials more meaningful in the electronic environment.

What prompted this change? In earlier years the instructions for reporting serials were that libraries report the “total number of subscriptions, not titles, but electronic serials acquired as part of an aggregated package (such as MUSE or Academic’s IDEAL) were to be counted by title.” Directors and other staff have expressed concern that the serials count was problematic since many libraries engage in multiple consortia arrangements and the serials count was inflated by duplicate titles held in multiple packages. The Statistics and Assessment Committee determined that a new way of counting serials focusing on titles would provide better descriptive data reflecting the true scope of the content provided by research libraries. A pilot at various ARL libraries demonstrated the feasibility of the new method.

In the electronic environment once you own or lease a title, it is often accessible by all users so a more authentic descriptive statistic for the scope of the content is titles rather than subscriptions. A unique title count favors broader coverage. Any duplication of those titles through packages, aggregations, bundles, etc., becomes more a management issue. The new definition asks that titles be reported as electronic if available both in print and electronic formats and they be reported as purchased if available both through purchased and non-purchased arrangements. So, if a title appears in both print and electronic form and a library has acquired it through several different providers, it would be counted as one title. Training events were delivered last fall to ensure that there is a well-grounded, shared understanding of the new definitions.

The outcome has been successful as we have more libraries reporting serials titles than they ever managed to report serial subscriptions indicating that the new definition is moving us into the right direction of having data that are both collectable and useful. However, we had to delete all earlier trend lines that were based on serial subscriptions. A variety of resources have been developed for libraries to consult as they implemented the change and they are available through <http://www.arl.org/stats/annualsurveys/arlstats/07statmail.shtml>.

This year, 2007–2008, we changed the categories of serials reported under “serials titles currently received but not purchased.” The subcategories are now: (a) consortial, (b) freely accessible, (c) print (and other formats) - exchanges, gifts, etc., and (d) government documents. These categories are more meaningful in the context of “serials titles received” as they emphasize major components of that concept.

## RESEARCH LIBRARY TRENDS TABLES AND GRAPHS

TABLE 1

**SERVICE TRENDS IN ARL LIBRARIES, 1991–2008**  
**Median Values for Time-Series Trends**

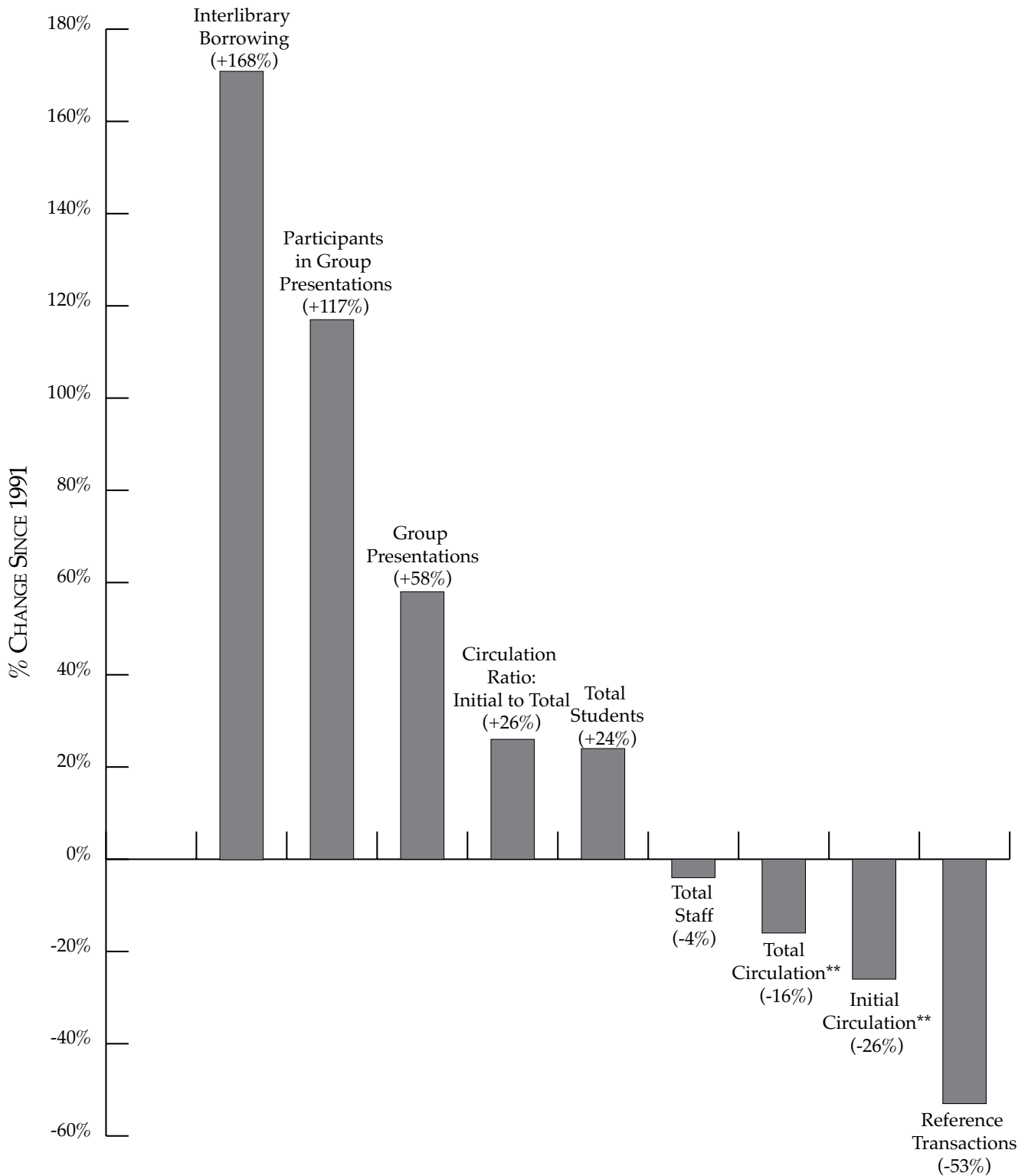
Year	ILL: Borrowed	Group Pres.	Participants In Pres.	Reference Trans.	Initial Circ.	Total Circ.	Ratio of Circ. Init./Tot.	Total Staff	Total Students
(Libraries)	(103)	(84)	(82)	(79)	(36)	(80)	(34)	(105)	(103)
1991	10,397	508	7,137	125,103	296,964	509,673	1.26	271	18,290
1992	11,362	526	7,154	132,549	342,989	554,579	1.27	265	18,273
1993	12,489	616	7,688	136,115	343,293	568,628	1.32	262	18,450
1994	14,007	568	7,831	147,582	369,996	572,749	1.31	264	18,305
1995	14,472	687	8,461	147,023	347,144	578,989	1.32	267	18,209
1996	15,278	719	8,410	155,336	336,481	560,244	1.39	264	18,320
1997	16,264	687	9,218	149,659	348,157	542,438	1.37	273	18,166
1998	17,656	698	9,462	132,850	354,924	514,574	1.37	273	18,335
1999	18,942	711	9,406	128,696	300,923	514,087	1.38	277	18,609
2000	20,475	722	9,596	115,636	273,231	482,542	1.42	267	18,908
2001	21,902	669	10,121	104,409	265,195	467,277	1.48	269	19,102
2002	21,339	776	11,350	95,910	251,146	462,223	1.51	279	19,925
2003	22,146	806	12,516	89,150	248,689	479,733	1.57	277	21,132
2004	25,737	757	12,864	84,546	261,526	496,369	1.60	273	21,562
2005	25,729	803	13,782	65,168	250,971	473,216	1.58	267	22,047
2006	27,412	833	13,051	67,697	267,213	466,403	1.52	267	22,618
2007	26,813	830	14,417	61,703	222,037	456,597	1.59	266	22,874
2008	27,822	803	15,480	58,763	221,144	429,626	1.59	260	22,762
Average annual % change	6.0%	2.7%	4.7%	-4.3%	-1.7	-1.0	1.4%	-0.2	1.3%

Table 1 presents data about select public service activities such as circulation (initial and total), reference transactions, library instruction (group presentations and participants in these presentations), and interlibrary borrowing and lending. As seen in table 1, the median of group presentations dropped again during 2007–2008. However, the number of participants increased with a median of 15,480 for the typical research library. Perhaps what is of most interest is that by 2008 there were more than double the participants compared to 1991, while there is only a 20 percent difference in the number of students between 1991 and 2008 (see Graph 1).



GRAPH 1

SERVICE TRENDS IN ARL LIBRARIES, 1991–2008



\*\*Total Circulation includes Initial and Renewal but excludes Reserve Circulation.

Source: ARL Statistics 2007–2008, Association of Research Libraries, Washington, DC

TABLE 2

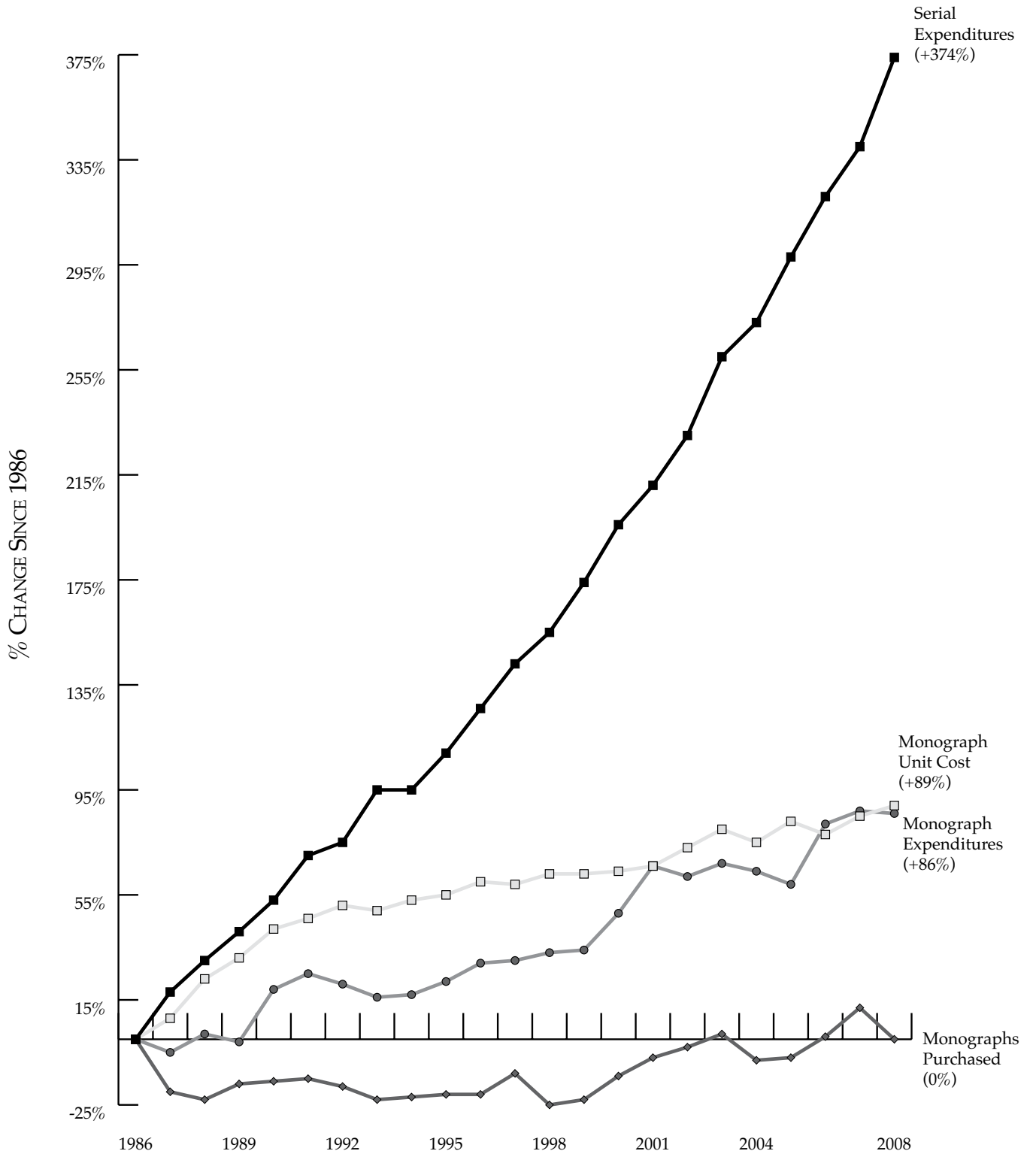
**MEDIAN MONOGRAPH AND SERIAL EXPENDITURES IN ARL LIBRARIES, 1986–2008**  
**Median Values for Time-Series Trends**

Year	Serial	Monograph	Monograph	Monographs
(Libraries)	Expenditures	Unit Cost	Expenditures	Purchased
	(100)	(57)	(97)	(58)
1986	\$ 1,496,775	\$ 29.28	\$ 1,120,645	32,679
1987	\$ 1,769,960	\$ 31.76	\$ 1,064,484	26,240
1988	\$ 1,947,559	\$ 36.03	\$ 1,141,226	25,238
1989	\$ 2,113,976	\$ 38.44	\$ 1,106,073	27,082
1990	\$ 2,296,910	\$ 41.44	\$ 1,330,747	27,546
1991	\$ 2,548,687	\$ 42.60	\$ 1,400,738	27,843
1992	\$ 2,620,832	\$ 44.14	\$ 1,353,865	26,947
1993	\$ 2,918,569	\$ 43.74	\$ 1,295,807	25,188
1994	\$ 2,912,495	\$ 44.72	\$ 1,309,807	25,341
1995	\$ 3,131,033	\$ 45.27	\$ 1,365,575	25,707
1996	\$ 3,389,118	\$ 46.73	\$ 1,444,015	25,911
1997	\$ 3,642,541	\$ 46.42	\$ 1,460,234	28,576
1998	\$ 3,816,497	\$ 47.59	\$ 1,486,764	24,447
1999	\$ 4,095,934	\$ 47.78	\$ 1,506,651	25,173
2000	\$ 4,430,812	\$ 47.87	\$ 1,657,349	28,024
2001	\$ 4,660,349	\$ 48.48	\$ 1,864,023	30,494
2002	\$ 4,939,225	\$ 50.61	\$ 1,812,826	31,578
2003	\$ 5,392,007	\$ 52.83	\$ 1,873,157	33,208
2004	\$ 5,580,157	\$ 51.36	\$ 1,839,412	30,155
2005	\$ 5,962,446	\$ 53.57	\$ 1,784,841	30,546
2006	\$ 6,307,292	\$ 52.04	\$ 2,044,272	33,145
2007	\$6,587,241	\$ 54.17	\$2,097,078	36,462
2008	\$7,097,140	\$ 55.41	\$2,084,991	32,745
Average annual % change	7.3%	2.9%	2.9%	0.0%

Graph 2 displays the skyrocketing expenditures for serials (in comparison to monograph expenditures). Note that Table 2 and Graph 2 have been revised since 2005–2006 and no longer include Serial Unit Cost or Serial Subscriptions. Beginning with 2006–2007, ARL libraries are reporting unduplicated counts of serial titles rather than subscriptions.

GRAPH 2

MEDIAN MONOGRAPH AND SERIAL EXPENDITURES IN ARL LIBRARIES, 1986–2008\*



\*Includes electronic resources from 1999–2000 onward.

Source: ARL Statistics 2007–2008, Association of Research Libraries, Washington, DC

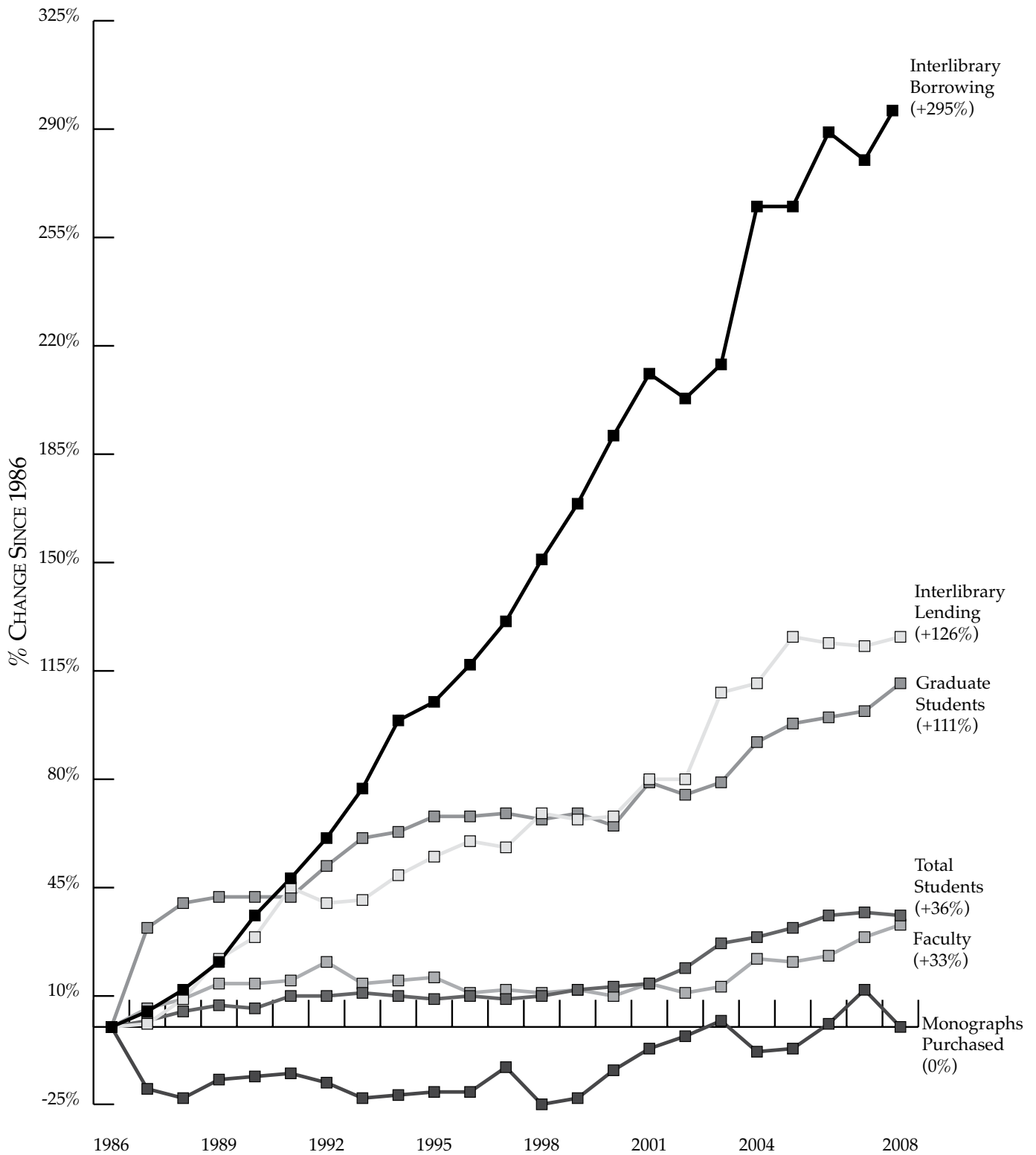
**TABLE 3**  
**SUPPLY AND DEMAND IN ARL LIBRARIES, 1986–2008**  
**Median Values for Time-Series Trends**

Year	ILL: Borrowed	ILL: Lent	Graduate Students	Faculty	Total Students	Monographs Purchased
(Libraries)	(103)	(103)	(104)	(101)	(103)	(58)
1986	7,047	16,092	2,327	1,124	16,684	32,679
1987	7,387	16,318	3,078	1,195	17,029	26,240
1988	7,881	17,476	3,251	1,222	17,485	25,238
1989	8,547	19,638	3,312	1,285	17,866	27,082
1990	9,595	20,837	3,314	1,278	17,745	27,546
1991	10,397	23,285	3,310	1,295	18,290	27,843
1992	11,362	22,514	3,539	1,356	18,273	26,947
1993	12,489	22,740	3,745	1,281	18,450	25,188
1994	14,007	24,039	3,794	1,289	18,305	25,341
1995	14,472	24,864	3,914	1,308	18,209	25,707
1996	15,278	25,720	3,904	1,251	18,320	25,911
1997	16,264	25,463	3,942	1,263	18,166	28,576
1998	17,656	27,223	3,880	1,247	18,335	24,447
1999	18,942	26,837	3,933	1,255	18,609	25,173
2000	20,475	27,044	3,844	1,239	18,908	28,024
2001	21,902	28,950	4,159	1,279	19,102	30,494
2002	21,339	29,021	4,067	1,251	19,925	31,578
2003	22,146	33,421	4,167	1,268	21,132	33,208
2004	25,737	33,934	4,461	1,369	21,562	30,155
2005	25,729	36,325	4,595	1,355	22,047	30,546
2006	27,412	36,035	4,647	1,388	22,618	33,145
2007	26,813	35,838	4,709	1,451	22,874	36,462
2008	27,822	36,383	4,905	1,490	22,762	32,745
Average annual % change	6.4%	3.8%	3.4%	1.3%	1.4%	0.0%

Interlibrary borrowing and lending, which showed a marked growth in the last decade, has continued to increase in 2007–2008. Monographs purchased in 2007–2008 are even with 1986 levels.

GRAPH 3

SUPPLY AND DEMAND IN ARL LIBRARIES, 1986–2008\*



\*Serial and monograph data includes electronic resources from 1999–2000 onward.

Source: ARL Statistics 2007–2008, Association of Research Libraries, Washington, DC

TABLE 4

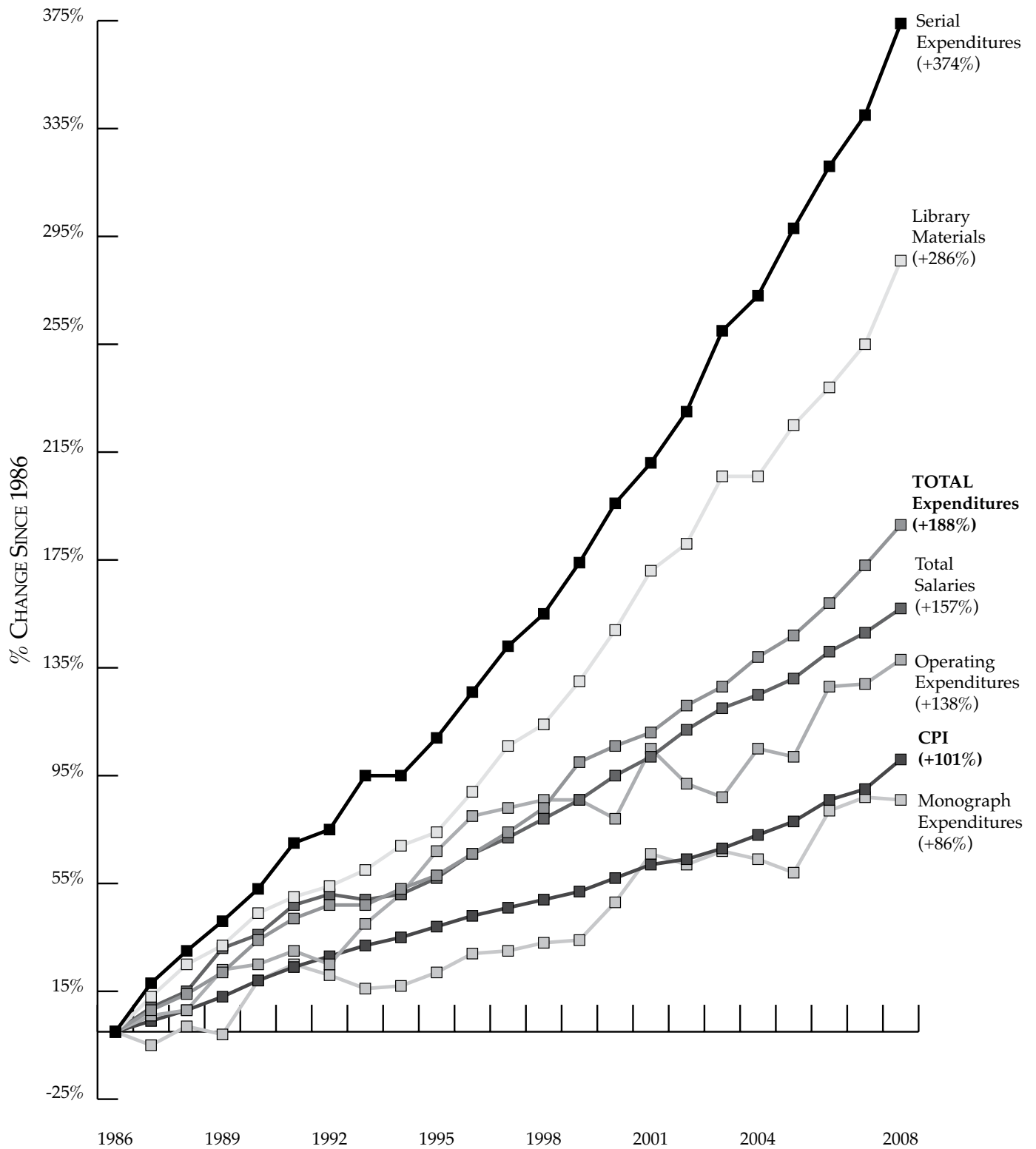
**EXPENDITURE TRENDS IN ARL LIBRARIES, 1986–2008**  
**Median Values for Time-Series Trends—Unadjusted dollar figures**

Year	Library Materials	Serial Exp.	Monograph Exp.	Total Salary	Operating Exp.	Total	CPI
(Libraries)	(105)	(100)	(97)	(104)	(104)	(105)	
1986	2,705,297	1,496,775	1,120,645	4,011,436	1,111,914	8,361,092	109.6
1987	3,058,479	1,769,960	1,064,484	4,361,646	1,180,167	8,990,001	113.6
1988	3,369,896	1,947,559	1,141,226	4,618,335	1,198,674	9,557,623	118.3
1989	3,577,405	2,113,976	1,106,073	5,236,292	1,364,558	10,183,315	124.0
1990	3,903,358	2,296,910	1,330,747	5,469,333	1,386,618	11,241,022	130.7
1991	4,064,344	2,548,687	1,400,738	5,885,814	1,445,735	11,990,794	136.2
1992	4,156,510	2,620,832	1,353,865	6,050,222	1,390,245	12,249,150	140.3
1993	4,316,674	2,918,569	1,295,807	5,962,470	1,561,122	12,265,696	144.5
1994	4,572,276	2,912,495	1,309,807	6,047,803	1,676,701	12,767,348	148.2
1995	4,715,203	3,131,033	1,365,575	6,312,770	1,853,586	13,171,893	152.4
1996	5,126,482	3,389,118	1,444,015	6,664,021	1,997,233	13,870,378	156.9
1997	5,562,742	3,642,541	1,460,234	6,893,582	2,039,957	14,526,674	160.5
1998	5,795,223	3,816,497	1,486,764	7,163,979	2,072,903	15,329,371	163.0
1999	6,232,365	4,095,934	1,506,651	7,476,532	2,069,887	16,737,261	166.6
2000	6,744,281	4,430,812	1,657,349	7,811,403	1,991,852	17,221,441	172.2
2001	7,322,507	4,660,349	1,864,023	8,106,666	2,280,493	17,620,048	177.5
2002	7,599,249	4,939,225	1,812,826	8,488,255	2,136,616	18,456,038	180.1
2003	8,273,171	5,392,007	1,873,157	8,813,191	2,073,913	19,030,188	183.9
2004	8,286,431	5,580,157	1,839,412	9,015,741	2,274,878	19,953,776	189.4
2005	8,801,962	5,962,446	1,784,841	9,268,364	2,243,592	20,663,012	195.4
2006	9,174,734	6,307,292	2,044,272	9,647,695	2,540,171	21,694,210	203.5
2007	9,600,793	6,587,241	2,097,078	9,940,406	2,549,139	22,810,227	208.3
2008	10,454,644	7,097,140	2,084,991	10,302,966	2,649,899	24,804,535	219.9
Average annual % change	6.3%	7.3%	2.9%	4.4%	4.0%	4.9%	3.2%

Operating expenditures, including many automation expenditures, have doubled since 1986, but have remained at relatively stable levels of investment. The total salary expenditures median has increased only slightly over the past four years (average rate of 4%). Monograph expenditures continue to increase, but in 2007–2008 have increased at a lower rate than the consumer price index (CPI). The annual consumer price index, included in Graph 4, provides a comparative reference for the increases in library expenditures.

GRAPH 4

EXPENDITURE TRENDS IN ARL LIBRARIES, 1986–2008



Source: ARL Statistics 2007–2008, Association of Research Libraries, Washington, DC

TABLE 5

**RESOURCES PER STUDENT IN ARL UNIVERSITY LIBRARIES, 1986–2008**  
**Median of Ratio Values for Time-Series Trends**

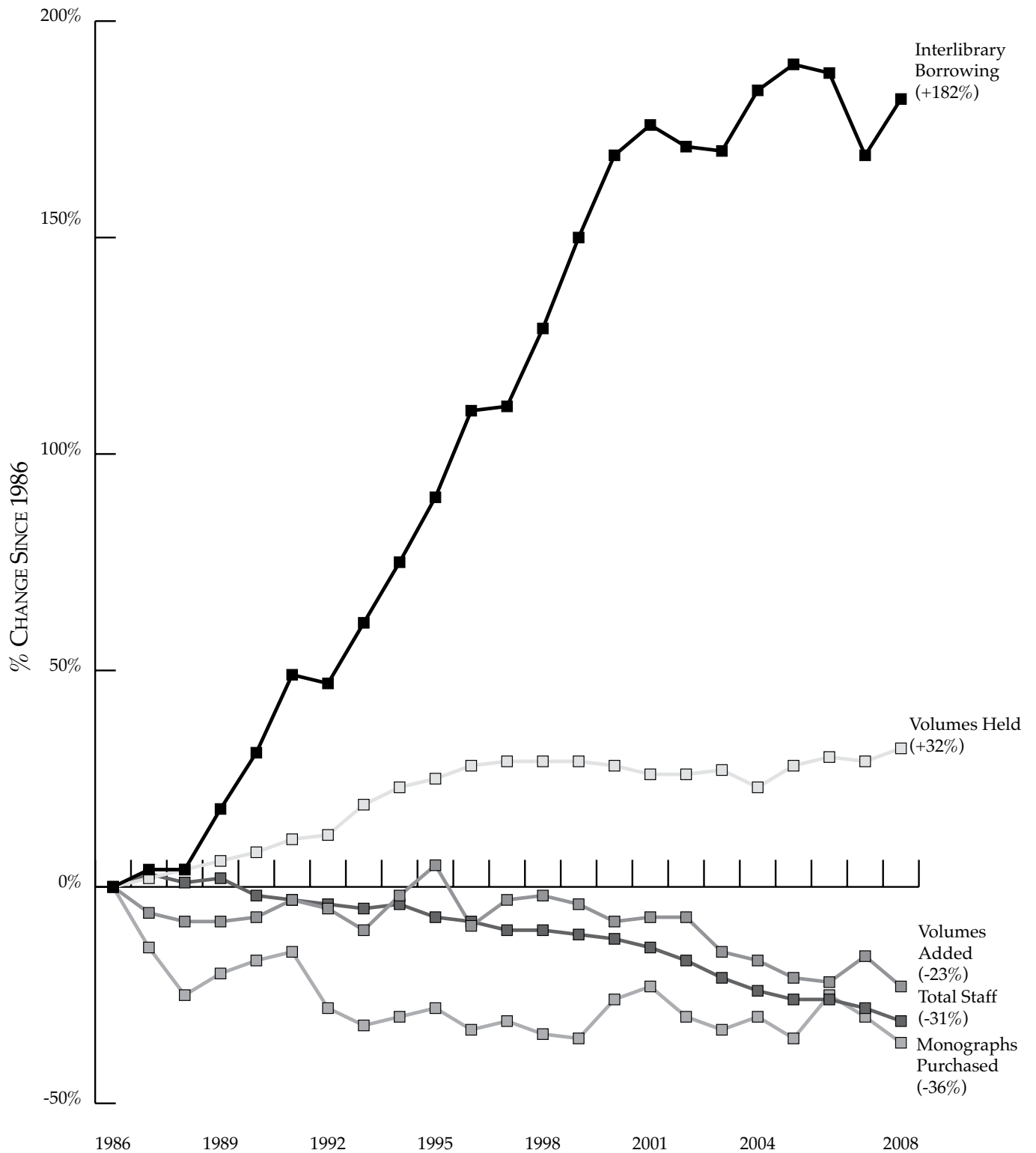
Year	ILL: Borrowed	Volumes Held	Volumes Added (Gross)	Total Staff	Monographs Purchased
(Libraries)	(102)	(103)	(103)	(103)	(57)
1986	0.42	123.18	4.17	0.0159	2.20
1987	0.44	125.31	3.92	0.0164	1.88
1988	0.44	128.27	3.82	0.0161	1.66
1989	0.50	130.04	3.84	0.0162	1.77
1990	0.55	133.51	3.86	0.0155	1.83
1991	0.63	137.11	4.04	0.0154	1.86
1992	0.62	137.68	3.95	0.0153	1.58
1993	0.68	146.02	3.76	0.0152	1.49
1994	0.74	151.20	4.07	0.0152	1.55
1995	0.80	154.00	4.37	0.0147	1.59
1996	0.89	158.10	3.78	0.0145	1.48
1997	0.89	159.40	4.03	0.0142	1.52
1998	0.97	159.24	4.06	0.0143	1.44
1999	1.05	159.37	4.00	0.0142	1.42
2000	1.13	157.74	3.82	0.0139	1.63
2001	1.16	155.71	3.89	0.0136	1.69
2002	1.14	155.04	3.87	0.0131	1.54
2003	1.14	156.41	3.52	0.0125	1.47
2004	1.20	151.49	3.45	0.0120	1.53
2005	1.22	157.93	3.30	0.0118	1.42
2006	1.22	160.05	3.26	0.0117	1.64
2007	1.13	159.49	3.49	0.0114	1.54
2008	1.19	162.87	3.22	0.0110	1.40
Average annual % change	4.8%	1.3%	-1.2%	-1.7%	-2.0%

In 2007–2008, ARL libraries acquired 60% fewer monographs per student than purchased in 1986. Libraries reported fewer staff per student in 2008 as compared to 1986: in 2008, there was a median number of 11 total staff per 1,000 students, compared to the 1986 figure of 16 per 1,000.



GRAPH 5

RESOURCES PER STUDENT IN ARL UNIVERSITY LIBRARIES, 1986–2008



Source: ARL Statistics 2007–2008, Association of Research Libraries, Washington, DC

TABLE 6

## ELECTRONIC RESOURCES EXPENDITURES IN ARL UNIVERSITY LIBRARIES, 2007–2008

	Sum	Number Reporting
Expenditures for Computer Files (one-time/monographic purchase)	\$73,102,024	108
Expenditures for Electronic Serials	\$554,880,484	110
Expenditures for Bibliographic Utilities, Networks, etc. (Library)	\$23,667,883	103
Expenditures for Bibliographic Utilities, Networks, etc. (External)	\$21,079,241	87
Expenditures for Hardware and Software	\$79,507,314	110
Expenditures for Document Delivery/Interlibrary Loan	\$14,027,391	108

Table 6 contains data on several items which previously had been collected only in the *ARL Supplementary Statistics*. These data are especially useful because they reflect monies spent on all electronic serials, while the *ARL Statistics* categories of “serials purchased” and “serials expenditures” include only those journals that provide full-text electronic versions to their subscribers. The Expenditures for Electronic Serials time series may be viewed as an alternative to the Serials Purchased series, both figures reflecting in their own way the influence the electronic serial is gaining in the modern research library.

Not only have electronic materials expenditures grown sharply in the past decade, they have grown at a rate far exceeding that of library materials expenditures overall. As shown in Graph 6, in every year of the last decade electronic materials expenditures have grown sharply, anywhere between two and ten times faster than other materials expenditures have.

The average ARL university library now spends 51% of its materials budget on electronic resources (Tables 7A and 7B) and 68 ARL libraries report that they spent more than 50% of their materials budget on electronic resources (see Rank Order Table 20).

GRAPH 6

ELECTRONIC RESOURCES VS. TOTAL MATERIALS EXPENDITURES, 1993–2008  
YEARLY INCREASES IN AVERAGE EXPENDITURES

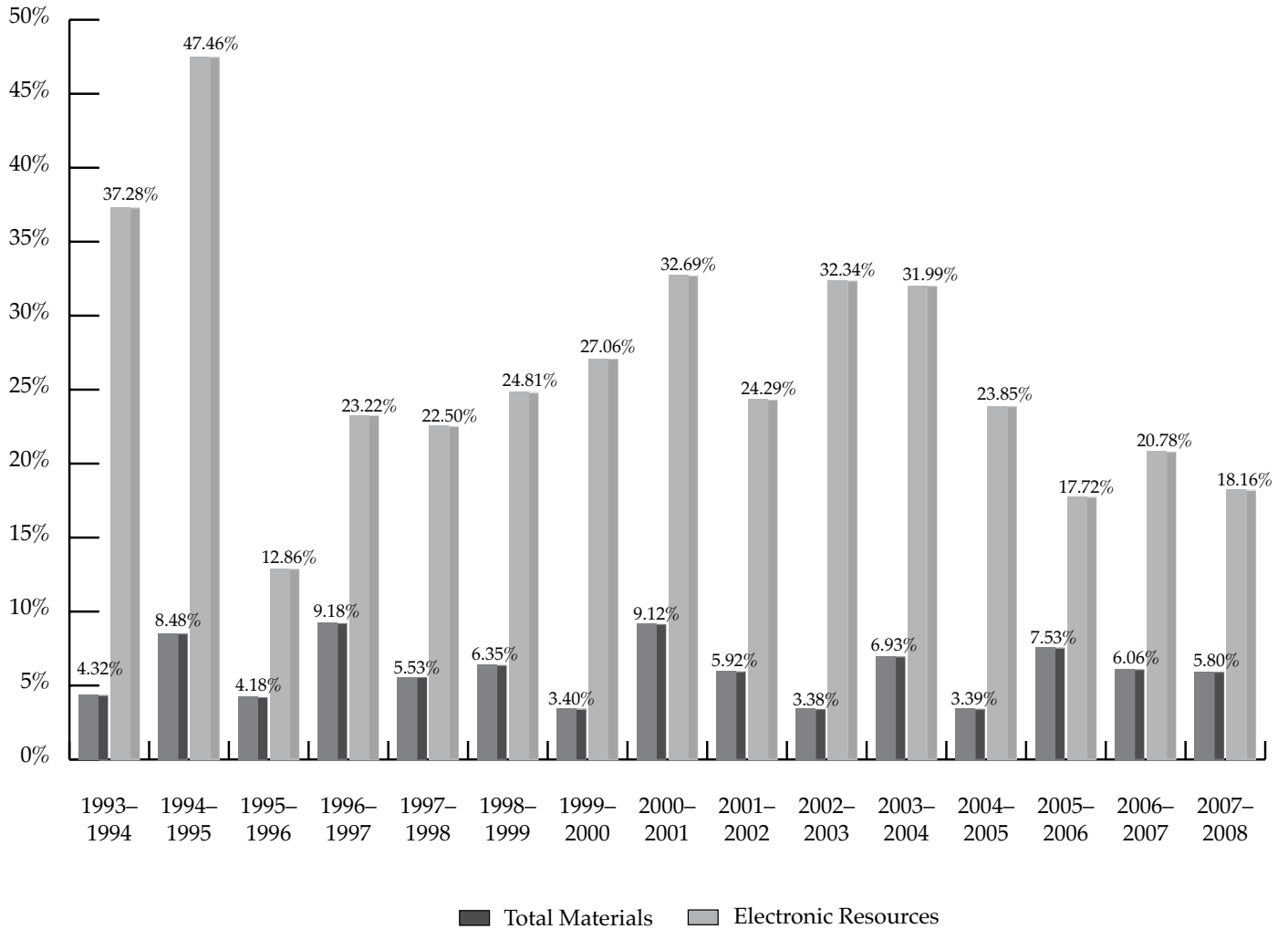


TABLE 7A

## ELECTRONIC RESOURCES AND MATERIALS EXPENDITURES IN ARL UNIVERSITY LIBRARIES, 1992–2002

	1992–1993	1993–1994	1994–1995	1995–1996	1996–1997	1997–1998	1998–1999	1999–2000	2000–2001	2001–2002
<b>a. Computer File Expenditures (monographic/onetime)</b>										
<b>Total</b>	14,147,625	20,132,553	22,030,727	24,639,822	8,013,055	11,189,103	10,848,219	14,727,984	15,297,096	16,748,194
<b>Average</b>	172,532	236,854	247,536	262,126	87,098	122,957	121,890	161,846	159,345	167,482
<b>Median</b>	148,158	212,936	217,988	219,178	47,932	52,311	54,024	98,657	72,070	82,566
<b>N</b>		85	89	94	92	91	89	91	96	100
<b>b. Electronic Serial Expenditures</b>										
<b>Total</b>	N/A	N/A	11,847,577	15,170,971	40,956,696	49,497,141	67,124,554	84,343,868	117,415,618	154,418,679
<b>Average</b>	N/A	N/A	188,057	194,500	401,536	494,971	639,281	818,873	1,118,244	1,429,803
<b>Median</b>	N/A	N/A	156,754	172,805	355,922	426,722	571,790	736,317	992,067	1,272,965
<b>N</b>			63	78	102	100	105	103	105	108
<b>c. Total Electronic Resources (Total a+b)</b>										
<b>Total</b>	14,147,625	20,132,553	33,878,304	39,810,793	50,512,984	60,686,244	77,972,773	99,071,852	132,712,714	171,166,873
<b>Average</b>	172,532	236,854	349,261	394,166	485,702	594,963	742,598	943,541	1,252,007	1,556,062
<b>Median</b>	148,158	212,936	278,404	332,128	420,741	495,011	645,495	931,210	1,129,298	1,377,874
<b>N</b>	82	85	97	101	104	102	105	105	106	110
<b>Total Library Materials Expenditures*</b>										
<b>Total</b>	393,271,073	425,287,651	526,496,347	571,145,986	642,123,715	664,600,663	727,623,160	773,321,519	828,778,808	910,930,849
<b>Average</b>	4,795,989	5,003,384	5,427,797	5,654,911	6,174,266	6,515,692	6,929,744	7,364,967	7,818,668	8,281,189
<b>Median</b>	4,242,887	4,527,122	4,714,384	4,975,353	5,529,606	5,643,070	5,991,177	6,545,146	7,028,134	7,566,727
<b>N</b>	82	85	97	101	104	102	105	105	106	110
<b>Electronic Resources Expenditures as a Percent of Total Materials Expenditures</b>										
<b>Average</b>	3.60	4.75	6.39	6.83	7.76	8.85	10.56	12.88	16.25	19.60
<b>Median</b>	N/A	4.45	5.33	6.42	7.51	8.29	10.18	12.75	14.80	18.15
<b>N</b>	82	85	97	101	104	102	105	105	106	110
<b>Expenditures for Bibliographic Utilities, Networks, etc. (External)</b>										
<b>Total</b>	N/A	N/A	N/A	N/A	\$3,827,348	4,695,737	7,442,962	9,523,348	14,655,078	20,373,560
<b>Average</b>	N/A	N/A	N/A	N/A	\$136,691	142,295	201,161	250,614	311,810	424,449
<b>Median</b>	N/A	N/A	N/A	N/A	\$120,096	128,795	145,280	204,598	198,289	336,690
<b>N</b>					28	33	37	38	47	48

\*Figures reflect Materials Expenditures only from those institutions that reported nonzero figures for Total Electronic Resources.

TABLE 7B

## ELECTRONIC RESOURCES AND MATERIALS EXPENDITURES IN ARL UNIVERSITY LIBRARIES, 2002–2008

	2002–2003	2003–2004	2004–2005	2005–2006	2006–2007	2007–2008
<b>a. Computer File Expenditures (monographic/onetime)</b>						
<b>Total</b>	\$23,275,683	\$32,098,404	\$38,744,076	\$48,793,981	\$59,808,658	\$73,102,024
<b>Average</b>	\$225,978	\$314,690	\$372,539	\$478,372	\$558,959	\$676,574
<b>Median</b>	\$111,266	\$191,148	\$210,576	\$336,338	\$352,802	\$410,202
<b>N</b>	103	102	104	102	107	108
<b>b. Electronic Serial Expenditures</b>						
<b>Total</b>	\$205,300,292	\$269,601,241	\$328,166,027	\$383,127,163	\$476,225,086	\$554,637,844
<b>Average</b>	\$1,849,552	\$2,450,920	\$3,038,574	\$3,547,474	\$4,290,316	\$5,042,162
<b>Median</b>	\$1,649,361	\$2,348,463	\$2,824,962	\$3,349,709	\$4,240,530	\$4,899,366
<b>N</b>	111	110	108	108	111	110
<b>c. Total Electronic Resources (Total a+b)</b>						
<b>Total</b>	\$228,575,974	\$301,699,645	\$366,910,103	\$431,921,144	\$536,033,744	\$627,707,869
<b>Average</b>	\$2,059,243	\$2,718,015	\$3,366,147	\$3,962,579	\$4,786,016	\$5,655,026
<b>Median</b>	\$1,775,865	\$2,705,847	\$3,144,841	\$3,792,873	\$4,661,123	\$5,410,421
<b>N</b>	111	111	109	109	112	111
<b>Total Library Materials Expenditures*</b>						
<b>Total</b>	\$950,275,167	\$1,016,121,605	\$1,031,619,722	\$1,109,340,878	\$1,219,796,179	\$1,290,575,224
<b>Average</b>	\$8,561,038	\$9,154,249	\$9,464,401	\$10,177,439	\$10,794,656	\$11,421,020
<b>Median</b>	\$7,707,153	\$8,276,175	\$8,662,668	\$9,156,974	\$9,594,560	\$10,388,129
<b>N</b>	111	111	109	109	113	113
<b>Electronic Resources Expenditures as a Percent of Total Materials Expenditures</b>						
<b>Average</b>	25.02	31.33	37.46	40.93	46.55	51.46
<b>Median</b>	22.01	29.81	37.53	43.14	47.68	53.06
<b>N</b>	111	111	109	109	112	111
<b>Expenditures for Bibliographic Utilities, Networks, etc. (External)</b>						
<b>Total</b>	\$21,470,716	\$17,420,520	\$16,082,790	\$15,930,476	\$18,931,797	\$21,079,241
<b>Average</b>	\$438,178	\$335,010	\$349,626	\$318,610	\$225,379	\$242,290
<b>Median</b>	\$250,000	\$94,837	\$149,396	\$143,649	\$33,247	\$54,750
<b>N</b>	49	52	46	50	84	87

\* Figures reflect Materials Expenditures only from those institutions that reported nonzero figures for Total Electronic Resources.

## ARL STATISTICS INTERACTIVE EDITION

The *ARL Statistics* are available through an interactive edition on the Web, supplementing previously available data from 1992–1993. Maintained and supported by the Geospatial and Statistical Data Center at the University of Virginia, this site offers researchers access to *ARL Statistics* with documentation.<sup>1</sup>

*Note that currently the site is aging and tables have not been updated with the latest data. ARL Index data are erroneous. Updated index data may be found at <http://www.arl.org/stats/index/index.shtml>. We do have plans to migrate the site to a new platform at ARL during 2009–2010.*

The site offers maps and graphics depicting library trends. The interactive pages also include options for regional aggregates, customized samples of observations, simple rank order tabulations of data, and the ability to create ratios of any two variables. These and other capabilities are located at <http://fisher.lib.virginia.edu/arl/>.

The ARL Statistics datafiles since 1908 can be retrieved in spreadsheet format from <http://www.arl.org/stats/annualsurveys/arlstats/mrstat.shtml>.

The ARL Statistics and Measurement Program Web site is located at <http://www.arl.org/stats/>.

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<sup>1</sup> For more information on the *ARL Statistics* Interactive Edition, see Martha Kyrillidou, “To Describe and Measure the Performance of North American Research Libraries,” *IFLA Journal* 27 (2001): 257–63.

**ARL LIBRARY DATA TABLES**  
**2007–2008**

## COLLECTIONS: VOLUMES AND MONOGRAPHS

		Volumes In Library	Volumes Added (Gross)	Volumes Added (Net)	Monographs Purchased (Volumes)
(Survey Question Number)		(1)	(1b.i)	(1b)	(2)
INSTITUTION	Notes				
ALABAMA	bGLM+	2,892,166	53,470	47,779	32,646
ALBERTA	G+	6,890,679	186,313	169,904	UA/NA
ARIZONA	bGLM+	5,722,280	69,004	19,544	37,870
ARIZONA STATE	BGL+	4,422,239	84,467	70,744	52,392
AUBURN	bG+	3,053,468	38,068	36,482	12,224
BOSTON	LM+	2,783,137	35,581	28,137	15,001
BOSTON COLLEGE	L+	2,512,605	40,325	25,464	29,728
BRIGHAM YOUNG	L+	4,080,079	187,005	171,952	153,553
BRITISH COLUMBIA	G+	6,040,261	122,887	110,664	UA/NA
BROWN	bG+	3,825,413	87,499	82,463	49,939
CALIFORNIA BERKELEY	GL+	11,087,687	207,779	189,921	UA/NA
CALIFORNIA DAVIS	GLM+	3,683,867	91,692	81,761	UA/NA
CALIFORNIA IRVINE	bGM+	3,049,706	79,732	76,298	35,890
CALIFORNIA LOS ANGELES	LM+	8,393,910	121,136	111,385	56,557
CALIFORNIA RIVERSIDE	G+	2,527,607	49,797	44,405	25,318
CALIFORNIA SAN DIEGO	bGM+	3,372,785	108,073	12,343	42,823
CALIFORNIA SANTA BARBARA	G+	2,948,999	40,432	34,460	28,273
CASE WESTERN RESERVE	GLM+	2,751,662	26,072	16,203	10,339
CHICAGO	bGLM+	8,597,159	277,507	245,296	125,542
CINCINNATI	bGLM+	3,631,658	95,810	83,771	33,903
COLORADO	bGL+	3,928,431	98,800	84,973	33,104
COLORADO STATE	G+	2,045,603	53,932	51,347	26,797
COLUMBIA	GLM+	10,296,816	547,346	291,968	468,515
CONNECTICUT	BGLM+	3,919,423	34,095	-45,478	19,975
CORNELL	BGL+	8,141,781	126,058	111,015	UA/NA
DARTMOUTH	GM+	2,785,925	58,147	53,097	29,420
DELAWARE	G+	2,779,271	39,898	38,056	27,944
DUKE	bLM+	5,950,442	105,419	100,834	67,879
EMORY	BGLM+	3,377,140	89,560	80,386	50,483
FLORIDA	BbGLM+	4,288,118	65,257	57,415	41,448
FLORIDA STATE	BbLM+	2,844,624	55,821	41,133	45,911
GEORGE WASHINGTON	GLM+	2,238,894	54,595	19,045	24,738
GEORGETOWN	bGLM+	3,041,624	98,442	86,346	41,525
GEORGIA	GL+	4,637,291	83,468	78,071	48,717
GEORGIA TECH	G+	2,524,671	41,514	37,117	7,926
GUELPH	BG+	1,853,628	23,025	6,830	17,399
HARVARD	GLM+	16,250,117	319,547	304,407	UA/NA
HAWAII	GLM+	3,533,671	52,882	46,734	21,005
HOUSTON	bL+	2,617,282	66,505	59,213	25,062



## COLLECTIONS: VOLUMES AND MONOGRAPHS

		Volumes In Library	Volumes Added (Gross)	Volumes Added (Net)	Monographs Purchased (Volumes)
(Survey Question Number)		(1)	(1b.i)	(1b)	(2)
INSTITUTION	Notes				
HOWARD	bLM+	2,455,985	24,428	20,736	4,496
ILLINOIS CHICAGO	M+	2,447,459	97,904	83,754	39,349
ILLINOIS URBANA	bGL+	11,686,060	208,659	203,495	72,722
INDIANA	GLM+	8,723,253	174,417	170,447	85,681
IOWA	bLM+	4,949,636	185,900	158,306	61,470
IOWA STATE	G+	2,529,921	43,326	29,041	28,436
JOHNS HOPKINS	BbG+	3,740,029	37,223	15,435	26,671
KANSAS	BbLM+	4,235,542	56,777	43,706	51,625
KENT STATE	BbG+	2,853,965	55,781	44,486	14,724
KENTUCKY	GLM+	3,719,548	85,805	83,357	42,529
LAVAL	G+	2,894,709	73,125	60,590	40,357
LOUISIANA STATE	GLM+	4,082,803	37,946	15,634	33,655
LOUISVILLE	BbG+	2,191,091	68,955	47,809	27,300
MCGILL	BbGLM+	4,498,389	89,015	37,349	378,866
MCMASTER	GM+	2,280,435	178,927	114,854	32,843
MANITOBA	G+	2,284,284	67,745	48,340	50,404
MARYLAND	G	3,716,860	105,517	93,484	36,951
MASSACHUSETTS	G+	3,578,753	52,701	49,334	18,771
MIT	G+	2,914,052	75,469	66,372	23,268
MIAMI	bGLM+	3,265,503	76,116	37,560	45,768
MICHIGAN	GLM+	9,175,102	146,729	99,477	99,784
MICHIGAN STATE	GL+	4,994,033	85,666	78,412	52,719
MINNESOTA	bGLM+	6,877,699	120,523	99,698	43,115
MISSOURI	GL+	3,494,470	45,462	39,885	26,196
MONTREAL	GLM+	3,183,053	62,208	32,667	50,515
NEBRASKA	GL+	3,204,060	49,588	36,351	8,302
NEW MEXICO	GLM+	2,737,747	51,768	29,917	20,116
NEW YORK	bGLM+	5,073,286	107,390	85,022	55,503
NORTH CAROLINA	GLM+	6,526,824	126,279	114,719	73,359
NORTH CAROLINA STATE	G+	3,981,278	126,853	123,913	29,085
NORTHWESTERN	BGLM+	4,842,949	79,608	74,361	38,867
NOTRE DAME	bGL+	3,393,290	75,659	70,895	49,727
OHIO	BbG+	2,893,238	67,904	51,349	27,809
OHIO STATE	bGLM+	6,285,446	161,118	41,351	67,611
OKLAHOMA	GLM+	5,299,924	257,137	252,278	30,327
OKLAHOMA STATE	BGM+	2,867,680	71,378	69,608	22,598
OREGON	bGL+	2,959,739	58,993	54,231	22,450
PENNSYLVANIA	GLM+	6,096,592	113,609	103,510	UA/NA
PENNSYLVANIA STATE	BGLM+	5,354,645	184,457	132,972	59,330

## COLLECTIONS: VOLUMES AND MONOGRAPHS

		Volumes In Library	Volumes Added (Gross)	Volumes Added (Net)	Monographs Purchased (Volumes)
(Survey Question Number)		(1)	(1b.i)	(1b)	(2)
INSTITUTION	Notes				
PITTSBURGH	BGLM+	5,657,403	160,722	151,484	UA/NA
PRINCETON	bG+	6,941,254	174,320	162,579	103,438
PURDUE	G+	2,509,158	43,874	4,355	18,324
QUEENS	LM+	2,542,264	42,383	24,936	27,734
RICE	G+	2,570,768	52,881	52,109	42,064
ROCHESTER	bM+	3,701,241	38,465	27,076	21,476
RUTGERS	BGL+	4,529,396	81,114	67,147	21,183
SASKATCHEWAN	GLM+	2,029,016	31,988	12,307	20,877
SOUTH CAROLINA	LM+	3,629,954	50,393	47,992	18,830
SOUTHERN CALIFORNIA	BGLM+	4,084,284	58,810	45,056	53,374
SOUTHERN ILLINOIS	LM+	3,099,151	35,178	25,486	17,299
SUNY-ALBANY	G+	2,225,241	92,459	75,076	16,845
SUNY-BUFFALO	GLM+	3,720,113	82,074	65,024	25,253
SUNY-STONY BROOK	M+	2,257,590	25,594	16,828	8,061
SYRACUSE	GL+	3,174,700	30,585	14,460	20,601
TEMPLE	BbGLM+	3,205,539	68,903	67,923	47,318
TENNESSEE	BbGLM+	3,289,447	67,867	36,684	37,010
TEXAS	GL+	9,447,434	178,892	124,182	48,857
TEXAS A&M	BbG+	3,933,535	206,223	194,454	64,803
TEXAS TECH	BLM+	2,617,844	54,715	39,659	53,560
TORONTO	B+	11,186,488	247,666	232,861	127,855
TULANE	BLM+	3,257,609	113,591	110,656	43,740
UTAH	LM	3,373,141	55,501	52,974	UA/NA
VANDERBILT	LM+	3,440,317	59,525	46,798	28,145
VIRGINIA	GLM+	5,532,266	91,904	67,189	56,260
VIRGINIA TECH	G	2,331,055	33,780	31,629	19,391
WASHINGTON	GLM+	7,409,221	139,683	104,865	51,043
WASHINGTON STATE	BG+	2,326,652	35,166	31,715	15,383
WASHINGTON U.-ST. LOUIS	bGLM+	4,224,113	74,408	61,133	26,689
WATERLOO	G+	2,286,415	30,818	26,933	57,664
WAYNE STATE	+	3,660,642	39,045	2,003	23,615
WESTERN ONTARIO	GL+	3,546,496	50,007	48,807	27,642
WISCONSIN	GLM+	8,059,335	139,835	125,699	55,530
YALE	LM+	12,519,514	238,862	235,920	167,433
YORK	BGL+	3,151,882	53,699	49,858	34,848
BOSTON PUBLIC	G	7,454,800	8,335	-177,190	133,998
CISTI	+	8,176,131	16,748	14,913	13,108
CENTER FOR RESEARCH LIBRARIES	+	2,228,576	10,286	10,286	4,600
LIBRARY OF CONGRESS	bG+	30,207,310	438,027	432,132	139,936

## COLLECTIONS: VOLUMES AND MONOGRAPHS

		Volumes In Library	Volumes Added (Gross)	Volumes Added (Net)	Monographs Purchased (Volumes)
(Survey Question Number)		(1)	(1b.i)	(1b)	(2)
INSTITUTION	Notes				
NATIONAL AGRICULTURAL LIBRARY	bG+	2,442,583	12,153	8,631	5,314
LIBRARY & ARCHIVES CANADA	G+	UA/NA	UA/NA	UA/NA	9,315
NATIONAL LIBRARY OF MEDICINE	G+	2,594,276	37,953	35,303	15,034
NEW YORK PUBLIC	+	9,125,939	169,530	169,522	94,614
NEW YORK STATE	G+	2,711,029	22,345	22,340	8,362
SMITHSONIAN	G+	1,354,810	125,221	124,907	4,462
+ - See Footnotes L - Includes Law library M- Includes Medical library		G - Government documents not included in serials count B - Includes branch campuses b - Basis of volume count is bibliographic		U/ A - Unavailable N/ A - Not Applicable . - no data supplied	

## SUMMARY DATA

	Volumes in Library	Volumes Added (Gross)	Volumes Added (Net)	Monographs Purchased (Volumes)
(Survey Question Number)	(1)	(1b.i)	(1b)	(2)
<b>UNIVERSITY LIBRARIES</b>				
Mean	4,416,654	95,451	76,638	48,416
Median	3,546,496	73,125	57,415	34,376
High	16,250,117	547,346	304,407	468,515
Low	1,853,628	23,025	-45,478	4,496
Totals	499,081,929	10,785,955	8,660,047	5,035,290
Number of Libraries Reporting	113	113	113	102
<b>NONUNIVERSITY LIBRARIES</b>				
Median	5,160,340	25,738	25,715	12,564
Totals	75,490,151	1,149,312	933,306	468,593
Number of Libraries Reporting	10	9	9	10
<b>GRAND TOTALS</b>	563,377,383	11,626,553	9,300,891	5,464,033

## COLLECTIONS: CURRENT SERIALS

		Current Serials Total	Current Serials Purchased	Current Serials Purchased Electronic	Current Serials Purchased Print
(Survey Question Number)		(4)	(4a)	(4a.i)	(4a.ii)
INSTITUTION	Notes				
ALABAMA	bGLM+	69,426	48,206	UA/NA	UA/NA
ALBERTA	G+	50,281	36,793	27,901	8,892
ARIZONA	bGLM+	88,737	85,960	76,470	9,490
ARIZONA STATE	BGL+	87,566	66,037	61,145	4,892
AUBURN	bG+	37,980	14,030	13,239	791
BOSTON	LM+	56,113	50,529	44,392	6,137
BOSTON COLLEGE	L+	31,465	21,947	16,290	5,657
BRIGHAM YOUNG	L+	69,361	58,466	36,126	22,340
BRITISH COLUMBIA	G+	64,669	64,669	46,657	18,012
BROWN	bG+	60,499	43,144	39,824	3,320
CALIFORNIA BERKELEY	GL+	87,876	82,162	37,724	44,438
CALIFORNIA DAVIS	GLM+	59,463	42,199	31,636	10,563
CALIFORNIA IRVINE	bGM+	51,623	34,107	30,213	3,894
CALIFORNIA LOS ANGELES	LM+	76,248	UA/NA	UA/NA	UA/NA
CALIFORNIA RIVERSIDE	G+	89,811	71,266	69,223	2,043
CALIFORNIA SAN DIEGO	bGM+	52,535	33,938	29,706	4,232
CALIFORNIA SANTA BARBARA	G+	36,990	27,333	21,151	6,182
CASE WESTERN RESERVE	GLM+	66,625	57,889	52,179	5,710
CHICAGO	bGLM+	76,607	38,057	21,733	16,324
CINCINNATI	bGLM+	86,363	70,504	61,441	9,063
COLORADO	bGL+	55,519	38,140	35,089	3,051
COLORADO STATE	G+	36,133	21,688	19,876	1,812
COLUMBIA	GLM+	133,831	102,053	76,604	25,449
CONNECTICUT	BGLM+	61,812	32,801	27,187	5,614
CORNELL	BGL+	98,000	UA/NA	UA/NA	UA/NA
DARTMOUTH	GM+	68,661	62,301	53,172	9,129
DELAWARE	G+	29,246	20,665	18,604	2,061
DUKE	bLM+	62,639	47,819	35,376	12,443
EMORY	BGLM+	54,295	36,651	26,487	10,164
FLORIDA	BbGLM+	71,336	47,449	24,518	22,931
FLORIDA STATE	BbLM+	62,093	46,054	42,622	3,432
GEORGE WASHINGTON	GLM+	76,810	67,881	62,236	5,645
GEORGETOWN	bGLM+	61,257	52,212	43,636	8,576
GEORGIA	GL+	80,748	56,454	48,691	7,763
GEORGIA TECH	G+	44,875	12,515	8,620	3,895
GUELPH	BG+	11,986	11,486	9,389	2,097
HARVARD	GLM+	110,628	UA/NA	UA/NA	UA/NA
HAWAII	GLM+	55,925	41,356	30,603	10,753
HOUSTON	bL+	72,775	46,259	40,867	5,392

# COLLECTIONS: CURRENT SERIALS

Current Serials Not Purchased	Current Serials Not Purchased Consortial	Current Serials Not Purchased Freely Accessible	Current Serials Not Purchased Print	Current Serials Not Purchased Gov Docs	
(4b)	(4b.i)	(4b.ii)	(4b.iii)	(4b.iv) (Survey Question Number)	
					INSTITUTION
21,220	UA/NA	UA/NA	UA/NA	UA/NA	ALABAMA
13,488	0	0	13,488	0	ALBERTA
2,777	UA/NA	UA/NA	UA/NA	UA/NA	ARIZONA
21,529	0	3,426	523	17,580	ARIZONA STATE
23,950	10,732	5,680	857	6,681	AUBURN
5,584	1,906	3,606	43	29	BOSTON
9,518	5,233	4,260	25	UA/NA	BOSTON COLLEGE
10,895	0	5,550	5,095	250	BRIGHAM YOUNG
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	BRITISH COLUMBIA
17,355	0	5,661	805	10,889	BROWN
5,714	0	74	5,640	0	CALIFORNIA BERKELEY
17,264	0	11,337	3,683	2,244	CALIFORNIA DAVIS
17,516	0	3,844	245	13,427	CALIFORNIA IRVINE
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	CALIFORNIA LOS ANGELES
18,545	9,875	289	112	8,269	CALIFORNIA RIVERSIDE
18,597	4,020	11,364	845	2,368	CALIFORNIA SAN DIEGO
9,657	0	2,289	1,497	5,871	CALIFORNIA SANTA BARBARA
8,736	72	4,215	70	4,379	CASE WESTERN RESERVE
38,550	2,234	15,069	10,384	10,863	CHICAGO
15,859	0	8,505	41	7,313	CINCINNATI
17,379	0	4,859	26	12,494	COLORADO
14,445	0	12,681	575	1,189	COLORADO STATE
31,778	0	14,637	6,013	11,128	COLUMBIA
29,011	18,735	8,875	262	1,139	CONNECTICUT
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	CORNELL
6,360	0	3,897	1,373	1,090	DARTMOUTH
8,581	0	1,829	293	6,459	DELAWARE
14,820	0	10,009	422	4,389	DUKE
17,644	3,045	11,796	99	2,704	EMORY
23,887	17,747	2,923	3,039	178	FLORIDA
16,039	10,188	3,564	901	1,386	FLORIDA STATE
8,929	7,587	1,332	10	0	GEORGE WASHINGTON
9,045	UA/NA	UA/NA	UA/NA	UA/NA	GEORGETOWN
24,294	490	16,397	921	6,486	GEORGIA
32,360	0	7,754	1,136	23,470	GEORGIA TECH
500	UA/NA	500	UA/NA	UA/NA	GUELPH
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	HARVARD
14,569	UA/NA	UA/NA	UA/NA	UA/NA	HAWAII
26,516	9,685	4,123	3,476	9,232	HOUSTON

## COLLECTIONS: CURRENT SERIALS

		Current Serials Total	Current Serials Purchased	Current Serials Purchased Electronic	Current Serials Purchased Print
(Survey Question Number)		(4)	(4a)	(4a.i)	(4a.ii)
INSTITUTION	Notes				
HOWARD	bLM+	26,687	18,295	10,670	7,625
ILLINOIS CHICAGO	M+	44,614	37,912	33,789	4,123
ILLINOIS URBANA	bGL+	110,299	102,120	55,270	46,850
INDIANA	GLM+	59,924	49,490	16,419	33,071
IOWA	bLM+	59,442	41,760	24,827	16,933
IOWA STATE	G+	66,195	47,315	37,115	10,200
JOHNS HOPKINS	BbG+	105,453	76,065	67,519	8,546
KANSAS	BbLM+	62,016	49,212	43,076	6,136
KENT STATE	BbG+	60,015	58,662	54,968	3,694
KENTUCKY	GLM+	73,251	34,333	30,435	3,898
LAVAL	G+	37,701	28,276	21,829	6,447
LOUISIANA STATE	GLM+	101,738	84,991	UA/NA	UA/NA
LOUISVILLE	BbG+	53,461	53,461	40,504	12,957
MCGILL	BbGLM+	75,328	58,997	52,177	6,820
MCMASTER	GM+	53,584	38,683	35,053	3,630
MANITOBA	G+	39,332	26,471	22,226	4,245
MARYLAND	G	42,393	24,441	17,246	7,195
MASSACHUSETTS	G+	43,906	29,160	25,791	3,369
MIT	G+	53,548	36,259	31,963	4,296
MIAMI	bGLM+	74,775	69,164	64,281	4,883
MICHIGAN	GLM+	69,457	UA/NA	UA/NA	UA/NA
MICHIGAN STATE	GL+	98,469	71,888	61,518	10,370
MINNESOTA	bGLM+	85,075	56,325	35,513	20,812
MISSOURI	GL+	38,364	24,857	18,917	5,940
MONTREAL	GLM+	59,574	51,760	44,357	7,403
NEBRASKA	GL+	42,589	34,821	23,987	10,834
NEW MEXICO	GLM+	71,416	55,474	49,736	5,738
NEW YORK	bGLM+	67,960	44,503	34,772	9,731
NORTH CAROLINA	GLM+	60,713	35,802	28,790	7,012
NORTH CAROLINA STATE	G+	61,990	30,902	29,536	1,366
NORTHWESTERN	BGLM+	77,933	47,236	30,428	16,808
NOTRE DAME	bGL+	82,866	63,682	57,191	6,491
OHIO	BbG+	41,741	26,522	24,306	2,216
OHIO STATE	bGLM+	89,239	78,906	69,445	9,461
OKLAHOMA	GLM+	63,407	52,522	47,163	5,359
OKLAHOMA STATE	BGM+	53,799	42,658	37,951	4,707
OREGON	bGL+	46,650	36,029	29,696	6,333
PENNSYLVANIA	GLM+	73,248	72,347	55,197	17,150
PENNSYLVANIA STATE	BGLM+	88,668	80,912	61,581	19,331

# COLLECTIONS: CURRENT SERIALS

Current Serials Not Purchased	Current Serials Not Purchased Consortial	Current Serials Not Purchased Freely Accessible	Current Serials Not Purchased Print	Current Serials Not Purchased Gov Docs	
(4b)	(4b.i)	(4b.ii)	(4b.iii)	(4b.iv) (Survey Question Number)	
					INSTITUTION
8,392	204	6,131	1,477	580	HOWARD
6,702	0	6,702	0	0	ILLINOIS CHICAGO
8,179	UA/NA	7,255	132	792	ILLINOIS URBANA
10,434	577	5,768	2,189	1,900	INDIANA
17,682	0	14,109	3,573	0	IOWA
18,880	0	10,478	2,977	5,425	IOWA STATE
29,388	0	411	363	28,614	JOHNS HOPKINS
12,804	989	4,323	2,552	4,940	KANSAS
1,353	1,353	0	0	0	KENT STATE
38,918	1,910	13,105	906	22,997	KENTUCKY
9,425	0	3,752	2,843	2,830	LAVAL
16,747	UA/NA	UA/NA	UA/NA	UA/NA	LOUISIANA STATE
0	0	0	0	0	LOUISVILLE
16,331	0	13,656	2,675	0	MCGILL
14,901	0	14,013	888	0	MCMASTER
12,861	0	10,031	1,516	1,314	MANITOBA
17,952	7,669	9,476	713	94	MARYLAND
14,746	6,919	424	828	6,575	MASSACHUSETTS
17,289	0	11,526	898	4,865	MIT
5,611	0	5,103	421	87	MIAMI
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	MICHIGAN
26,581	4,088	6,750	1,619	14,124	MICHIGAN STATE
28,750	17,698	0	11,052	0	MINNESOTA
13,507	6,588	5,369	991	559	MISSOURI
7,814	0	4,914	2,515	385	MONTREAL
7,768	0	0	2,391	5,377	NEBRASKA
15,942	1,940	6,392	527	7,083	NEW MEXICO
23,457	0	12,480	932	10,045	NEW YORK
24,911	3,236	2,678	8,939	10,058	NORTH CAROLINA
31,088	14,443	6,377	878	9,390	NORTH CAROLINA STATE
30,697	UA/NA	UA/NA	UA/NA	UA/NA	NORTHWESTERN
19,184	UA/NA	UA/NA	UA/NA	UA/NA	NOTRE DAME
15,219	0	3,833	107	11,279	OHIO
10,333	0	3,613	5,299	1,421	OHIO STATE
10,885	1,153	3,625	61	6,046	OKLAHOMA
11,141	1,516	8,627	0	998	OKLAHOMA STATE
10,621	2,660	5,181	1,124	1,656	OREGON
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	PENNSYLVANIA
7,756	1,095	90	1,482	5,089	PENNSYLVANIA STATE

## COLLECTIONS: CURRENT SERIALS

		Current Serials Total	Current Serials Purchased	Current Serials Purchased Electronic	Current Serials Purchased Print
(Survey Question Number)		(4)	(4a)	(4a.i)	(4a.ii)
INSTITUTION	Notes				
PITTSBURGH	BGLM+	59,141	49,916	42,813	7,103
PRINCETON	bG+	51,746	50,327	39,447	10,880
PURDUE	G+	40,094	28,822	24,537	4,285
QUEENS	LM+	55,646	48,829	40,828	8,001
RICE	G+	72,352	56,806	53,027	3,779
ROCHESTER	bM+	28,637	23,705	20,520	3,185
RUTGERS	BGL+	72,623	49,507	42,618	6,889
SASKATCHEWAN	GLM+	32,157	21,485	19,416	2,069
SOUTH CAROLINA	LM+	63,715	14,629	8,702	5,927
SOUTHERN CALIFORNIA	BGLM+	105,744	70,066	61,514	8,552
SOUTHERN ILLINOIS	LM+	47,871	37,341	30,033	7,308
SUNY-ALBANY	G+	54,874	47,665	35,973	11,692
SUNY-BUFFALO	GLM+	80,431	56,503	48,402	8,101
SUNY-STONY BROOK	M+	63,423	53,900	46,477	7,423
SYRACUSE	GL+	34,443	25,206	21,260	3,946
TEMPLE	BbGLM+	60,586	46,976	42,871	4,105
TENNESSEE	BbGLM+	50,552	34,720	29,398	5,322
TEXAS	GL+	56,991	37,342	29,401	7,941
TEXAS A&M	BbG+	86,737	52,540	42,996	9,544
TEXAS TECH	BLM+	66,750	51,580	46,858	4,722
TORONTO	B+	76,473	49,550	38,089	11,461
TULANE	BLM+	72,564	47,295	37,161	10,134
UTAH	LM	48,777	27,168	13,701	13,467
VANDERBILT	LM+	47,211	33,483	29,799	3,684
VIRGINIA	GLM+	97,800	41,440	37,646	3,794
VIRGINIA TECH	G	22,765	11,917	9,302	2,615
WASHINGTON	GLM+	61,979	UA/NA	UA/NA	UA/NA
WASHINGTON STATE	BG+	25,264	UA/NA	UA/NA	UA/NA
WASHINGTON U.-ST. LOUIS	bGLM+	88,635	69,400	63,893	5,507
WATERLOO	G+	23,705	16,332	11,847	4,485
WAYNE STATE	+	45,400	34,808	31,518	3,290
WESTERN ONTARIO	GL+	58,715	55,094	42,578	12,516
WISCONSIN	GLM+	76,808	49,626	39,486	10,140
YALE	LM+	110,802	103,444	61,326	42,118
YORK	BGL+	46,539	39,608	32,204	7,404
BOSTON PUBLIC	G	5,114	4,714	164	4,550
CISTI	+	13,591	12,460	9,251	3,209
CENTER FOR RESEARCH LIBRARIES	+	UA/NA	UA/NA	UA/NA	UA/NA
LIBRARY OF CONGRESS	bG+	173,582	66,462	23,528	42,934



# COLLECTIONS: CURRENT SERIALS

Current Serials Not Purchased	Current Serials Not Purchased Consortial	Current Serials Not Purchased Freely Accessible	Current Serials Not Purchased Print	Current Serials Not Purchased Gov Docs	
(4b)	(4b.i)	(4b.ii)	(4b.iii)	(4b.iv) (Survey Question Number)	
					INSTITUTION
9,225	0	7,715	1,307	203	PITTSBURGH
1,419	0	1,000	100	319	PRINCETON
11,272	UA/NA	UA/NA	UA/NA	UA/NA	PURDUE
6,817	0	6,285	532	0	QUEENS
15,546	0	10,987	210	4,349	RICE
4,932	0	4,073	859	0	ROCHESTER
23,116	7,357	6,937	477	8,345	RUTGERS
10,672	0	10,373	299	0	SASKATCHEWAN
49,086	47,693	780	276	337	SOUTH CAROLINA
35,678	1,136	12,854	1,813	19,875	SOUTHERN CALIFORNIA
10,530	592	9,560	378	UA/NA	SOUTHERN ILLINOIS
7,209	1,852	2,728	0	2,629	SUNY-ALBANY
23,928	7	14,080	3,192	6,649	SUNY-BUFFALO
9,523	2,502	6,865	128	28	SUNY-STONY BROOK
9,237	0	3,937	1,802	3,498	SYRACUSE
13,610	0	12,345	396	869	TEMPLE
15,832	7,253	119	55	8,405	TENNESSEE
19,649	0	10,566	4,549	4,534	TEXAS
34,197	7,923	15,446	590	10,238	TEXAS A&M
15,170	0	14,965	205	0	TEXAS TECH
26,923	0	24,282	2,641	0	TORONTO
25,269	0	24,562	707	0	TULANE
21,609	17,039	3,667	700	203	UTAH
13,728	5,262	4,557	389	3,520	VANDERBILT
56,360	0	51,513	506	4,341	VIRGINIA
10,848	9,698	300	150	700	VIRGINIA TECH
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	WASHINGTON
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	WASHINGTON STATE
19,235	2,246	13,194	1,537	2,258	WASHINGTON U.-ST. LOUIS
7,373	0	7,373	0	0	WATERLOO
10,592	5,060	3,532	422	1,578	WAYNE STATE
3,621	0	1,158	1,676	787	WESTERN ONTARIO
27,182	0	23,023	3,181	978	WISCONSIN
7,358	1,271	4,167	1,920	0	YALE
6,931	0	5,602	853	476	YORK
400	0	0	0	400	BOSTON PUBLIC
1,131	0	553	578	0	CISTI
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	CENTER FOR RESEARCH LIBRARIES
107,120	0	4,000	103,120	0	LIBRARY OF CONGRESS

## COLLECTIONS: CURRENT SERIALS

		Current Serials Total	Current Serials Purchased	Current Serials Purchased Electronic	Current Serials Purchased Print
(Survey Question Number)		(4)	(4a)	(4a.i)	(4a.ii)
INSTITUTION	Notes				
NATIONAL AGRICULTURAL LIBRARY	bG+	15,033	3,436	1,148	2,288
LIBRARY & ARCHIVES CANADA	G+	46,062	1,885	265	1,620
NATIONAL LIBRARY OF MEDICINE	G+	22,240	18,834	3,871	14,963
NEW YORK PUBLIC	+	124,109	103,586	65,235	38,351
NEW YORK STATE	G+	42,500	31,877	23,915	7,962
SMITHSONIAN	G+	4,929	1,999	437	1,562
+ - See Footnotes		G - Government documents not included in serials count		U / A - Unavailable	
L - Includes Law library		B - Includes branch campuses		N / A - Not Applicable	
M- Includes Medical library		b - Basis of volume count is bibliographic		. - no data supplied	

## SUMMARY DATA

		Current Serials Total	Current Serials Purchased	Current Serials Purchased Electronic	Current Serials Purchased Print
(Survey Question Number)		(4)	(4a)	(4a.i)	(4a.ii)
<b>UNIVERSITY LIBRARIES</b>					
Mean		63,306	46,731	37,348	9,005
Median		61,812	47,236	35,973	6,820
High		133,831	103,444	76,604	46,850
Low		11,986	11,486	8,620	791
Totals		7,153,577	5,000,263	3,921,510	945,556
Number of Libraries Reporting		113	107	105	105
<b>NONUNIVERSITY LIBRARIES</b>					
Median		22,240	12,460	3,871	4,550
Totals		447,160	245,253	127,814	117,439
Number of Libraries Reporting		9	9	9	9
<b>GRAND TOTALS</b>		7,153,577	5,245,516	4,049,324	1,062,995

## COLLECTIONS: CURRENT SERIALS

Current Serials Not Purchased	Current Serials Not Purchased Consortial	Current Serials Not Purchased Freely Accessible	Current Serials Not Purchased Print	Current Serials Not Purchased Gov Docs	
(4b)	(4b.i)	(4b.ii)	(4b.iii)	(4b.iv) (Survey Question Number)	INSTITUTION
11,597	0	2,627	8,970	0	NATIONAL AGRICULTURAL LIBRARY
44,177	0	0	44,177	0	LIBRARY & ARCHIVES CANADA
3,406	0	1,196	1,896	314	NATIONAL LIBRARY OF MEDICINE
20,523	UA/NA	UA/NA	UA/NA	UA/NA	NEW YORK PUBLIC
10,623	0	0	5,741	4,882	NEW YORK STATE
2,930	0	0	2,628	302	SMITHSONIAN

## SUMMARY DATA

Current Serials Not Purchased	Current Serials Not Purchased Consortial	Current Serials Not Purchased Freely Accessible	Current Serials Not Purchased Print	Current Serials Not Purchased Gov Docs	
(4b)	(4b.i)	(4b.ii)	(4b.iii)	(4b.iv) (Survey Question Number)	
					UNIVERSITY LIBRARIES
16,294	3,079	7,372	1,631	4,480	Mean
14,820	0	5,661	849	2,072	Median
56,360	47,693	51,513	13,488	28,614	High
0	0	0	0	0	Low
1,710,837	292,478	715,082	156,617	421,149	Totals
105	95	97	96	94	Number of Libraries Reporting
					NONUNIVERSITY LIBRARIES
10,623	0	277	4,185	151	Median
201,907	0	8,376	167,110	5,898	Totals
9	8	8	8	8	Number of Libraries Reporting
1,912,744	292,478	723,458	323,727	427,047	GRAND TOTALS

## COLLECTIONS: OTHER MATERIALS

		Microform Units	Government Documents	Computer Files	Manuscripts and Archives	Cartographic Materials	Graphic Materials	Audio Materials	Film and Video
(Survey Question Number)		(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
INSTITUTION	Notes								
ALABAMA	bGLM+	4,096,093	926,705	8,448	34,231	311,178	189,324	23,546	7,118
ALBERTA	G+	3,738,979	0	9,260	22,461	1,546,176	UA/NA	UA/NA	UA/NA
ARIZONA	bGLM+	6,282,673	UA/NA	19,683	10,639	268,050	358,788	43,257	29,272
ARIZONA STATE	BGL+	7,588,679	664,596	7,603	25,229	235,497	1,263,639	67,179	36,473
AUBURN	bG+	2,718,458	237,752	3,442	10,524	152,412	75,327	115,903	5,517
BOSTON	LM+	4,700,124	UA/NA	2,237	50,422	1,700	17,700	73,887	8,074
BOSTON COLLEGE	L+	4,190,134	215,703	6,253	8,253	17,940	127,575	21,772	23,566
BRIGHAM YOUNG	L+	3,874,728	423,514	UA/NA	45,643	257,886	1,275,047	240,359	39,055
BRITISH COLUMBIA	G+	5,291,774	0	27,748	12,877	613,565	1,006,226	99,883	36,536
BROWN	bG+	1,966,000	0	5,563	12,262	153,231	950,397	77,923	9,563
CALIFORNIA BERKELEY	GL+	7,128,372	492,722	20,386	86,293	441,673	9,653,424	94,697	50,034
CALIFORNIA DAVIS	GLM+	4,241,335	79,264	13,338	18,027	263,516	235,525	12,911	4,336
CALIFORNIA IRVINE	bGM+	2,893,477	152,779	11,275	4,240	11,300	71,661	13,079	13,041
CALIFORNIA LOS ANGELES	LM+	6,218,665	72,716	16,286	69,960	636,051	4,143,107	269,704	35,317
CALIFORNIA RIVERSIDE	G+	2,280,683	299,797	11,854	4,411	106,673	22,100	21,940	9,799
CALIFORNIA SAN DIEGO	bGM+	3,309,102	0	17,143	14,053	114,780	318,820	124,362	19,863
CALIFORNIA SANTA BARBARA	G+	3,771,838	451,767	13,229	17,095	4,461,772	1,824	134,935	11,207
CASE WESTERN RESERVE	GLM+	2,601,135	29,017	8,459	14,690	65,080	72,556	34,356	22,060
CHICAGO	bGLM+	3,114,979	UA/NA	12,590	39,296	435,570	0	56,995	7,751
CINCINNATI	bGLM+	3,371,800	30,140	13,998	26,142	172,474	302,023	64,835	23,433
COLORADO	bGL+	6,993,960	963,779	12,156	38,518	218,069	970,698	69,010	16,697
COLORADO STATE	G+	1,159,032	UA/NA	2,511	7,084	39,262	4,449	778	863
COLUMBIA	GLM+	6,345,302	175,665	37,092	243,114	139,128	864,228	106,393	37,218
CONNECTICUT	BGLM+	4,320,791	0	4,075	27,261	232,404	2,416	60,634	11,560
CORNELL	BGL+	8,507,563	0	19,495	65,673	253,439	53,026	121,293	39,842
DARTMOUTH	GM+	2,605,009	0	11,150	23,168	191,091	490,828	37,193	18,544
DELAWARE	G+	3,443,953	451,186	357,153	5,119	126,724	781	1,983	19,878
DUKE	bLM+	4,313,350	1,257,457	61,520	55,103	132,901	925,054	61,665	76,203
EMORY	BGLM+	6,254,488	256,899	12,078	23,129	17,418	2,959	55,613	40,647
FLORIDA	BbGLM+	7,901,639	1,241,342	8,315	8,840	853,546	191,323	23,337	44,765
FLORIDA STATE	BbLM+	9,109,694	857,378	9,838	8,741	173,350	6,590	62,592	19,459
GEORGE WASHINGTON	GLM+	2,946,196	0	891	22,794	18,837	170,429	10,642	17,367
GEORGETOWN	bGLM+	4,026,834	9,385	7,640	18,406	1,963	377,471	21,785	32,728
GEORGIA	GL+	6,632,493	1,066,004	21,866	59,023	660,644	1,647,480	134,841	159,524
GEORGIA TECH	G+	4,627,573	0	15,584	6,696	198,213	111,267	1,866	6,177
GUELPH	BG+	2,346,336	0	3,198	13,560	75,292	6,882	12,468	UA/NA
HARVARD	GLM+	9,814,796	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA
HAWAII	GLM+	3,517,793	0	5,341	7,867	93,955	3,116	35,055	34,623
HOUSTON	bL+	5,985,299	680,971	2,721	4,971	5,704	526	17,218	7,292

## COLLECTIONS: OTHER MATERIALS

(Survey Question Number)		Microform Units	Government Documents	Computer Files	Manuscripts and Archives	Cartographic Materials	Graphic Materials	Audio Materials	Film and Video
		(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
INSTITUTION	Notes								
HOWARD	bLM+	4,234,651	6,759	326	20,810	40	160,211	25,369	8,548
ILLINOIS CHICAGO	M+	4,197,939	793,177	UA/NA	33,733	204,768	2,108,579	7,846	12,407
ILLINOIS URBANA	bGL+	9,636,471	0	14,225	46,118	674,574	90,822	159,474	29,575
INDIANA	GLM+	6,882,420	383,266	79,695	36,423	524,525	3,026,857	275,313	66,559
IOWA	bLM+	UA/NA	UA/NA	UA/NA	16,969	423,215	UA/NA	29,665	35,113
IOWA STATE	G+	3,521,259	0	10,911	17,203	98,676	904,186	16,453	54,011
JOHNS HOPKINS	BbG+	4,394,653	1,324	6,158	13,313	217,136	69,429	31,408	12,756
KANSAS	BbLM+	3,657,049	739,024	13,835	55,683	337,719	3,407,468	38,948	25,114
KENT STATE	BbG+	UA/NA	0	85,000	11,364	8,255	13,936	16,954	14,152
KENTUCKY	GLM+	6,471,766	1,036,210	8,209	26,780	261,629	2,148,672	50,914	42,964
LAVAL	G+	1,299,734	0	7,017	0	302,853	214,552	23,367	29,184
LOUISIANA STATE	GLM+	9,014,560	590,485	9,828	23,877	454,880	UA/NA	24,288	4,250
LOUISVILLE	BbG+	2,219,718	.	.	20,869,940	22,340	1,514,744	33,302	10,249
MCGILL	BbGLM+	1,848,185	784,146	10,369	3,658	237,049	322,655	53,102	15,342
MCMASTER	GM+	1,599,937	0	1,860	12,966	146,826	253	29,018	3,062
MANITOBA	G+	1,473,614	222,243	UA/NA	12,947	105,734	269,825	29,903	10,446
MARYLAND	G	5,832,845	199,706	7,829	42,156	224,015	363,467	341,485	47,782
MASSACHUSETTS	G+	2,584,531	0	1,806	15,153	99,810	250,060	20,743	4,487
MIT	G+	2,416,804	UA/NA	59,069	24,280	126,514	452,377	32,191	6,607
MIAMI	bGLM+	3,993,799	0	3,880	17,932	58,863	12,746	57,028	16,468
MICHIGAN	GLM+	UA/NA	0	UA/NA	47,306	349,447	20,815,850	60,086	42,131
MICHIGAN STATE	GL+	6,776,737	UA/NA	25,367	2,750	232,107	1,817	68,280	6,181
MINNESOTA	bGLM+	7,008,203	2,640,164	17,711	80,729	445,773	UA/NA	UA/NA	UA/NA
MISSOURI	GL+	8,118,672	1,681,883	2,320	11,853	273,036	630	25,578	5,713
MONTREAL	GLM+	1,547,142	0	9,259	0	13,171	115,696	65,449	15,269
NEBRASKA	GL+	4,687,095	552,672	8,205	10,620	169,586	103,900	36,053	3,469
NEW MEXICO	GLM+	4,721,312	663,556	76,982	15,813	233,689	1,094,244	31,165	10,040
NEW YORK	bGLM+	5,561,308	482,172	6,320	35,777	383	2,400,299	107,601	50,651
NORTH CAROLINA	GLM+	5,142,758	1,625,932	12,743	39,911	297,079	1,623,335	317,383	64,831
NORTH CAROLINA STATE	G+	5,446,201	0	406,619	13,791	49,225	128,463	4,683	24,650
NORTHWESTERN	BGLM+	4,554,601	7,808	15,407	17,608	208,383	611,000	64,214	32,522
NOTRE DAME	bGL+	3,958,901	0	6,646	UA/NA	20,779	229,998	25,558	11,598
OHIO	BbG+	2,000,195	UA/NA	4,658	7,300	45,995	182,198	32,628	36,106
OHIO STATE	bGLM+	6,059,429	832	14,315	35,181	230,474	2,468,362	81,360	UA/NA
OKLAHOMA	GLM+	4,465,689	35,360	5,366	18,258	155,851	1,748,835	4,574	8,672
OKLAHOMA STATE	BGM+	4,533,703	180,337	15,622	10,641	320,214	179,562	13,779	17,835
OREGON	bGL+	4,159,767	268,640	3,012	74,329	780,424	1,319,929	77,990	28,999
PENNSYLVANIA	GLM+	4,147,587	UA/NA	249	18,000	138,602	753,377	91,180	20,219
PENNSYLVANIA STATE	BGLM+	6,933,343	0	11,059	31,945	442,678	597,846	82,704	171,402

## COLLECTIONS: OTHER MATERIALS

(Survey Question Number)		Microform Units (6)	Government Documents (7)	Computer Files (8)	Manuscripts and Archives (9)	Cartographic Materials (10)	Graphic Materials (11)	Audio Materials (12)	Film and Video (13)
INSTITUTION	Notes								
PITTSBURGH	BGLM+	5,442,379	0	58,519	31,528	124,412	812,701	115,315	95,114
PRINCETON	bG+	6,550,035	4,646	11,864	35,143	334,099	249,521	93,950	9,284
PURDUE	G+	3,104,959	485,929	13,234	3,610	344,522	1,542	1,027	12,968
QUEENS	LM+	3,923,674	1,114,838	UA/NA	UA/NA	158,880	28,322	UA/NA	UA/NA
RICE	G+	3,276,520	55,896	15,682	7,926	27,167	34,900	48,219	14,060
ROCHESTER	bM+	5,120,381	419,912	7,325	15,123	105,411	11,812	98,294	19,054
RUTGERS	BGL+	6,048,708	2,668,634	15,524	28,016	UA/NA	UA/NA	UA/NA	UA/NA
SASKATCHEWAN	GLM+	3,087,965	414,618	4,009	268	73,526	18,599	17,513	1,936
SOUTH CAROLINA	LM+	5,357,428	944,768	4,044	9,876	323,474	250,090	38,412	17,486
SOUTHERN CALIFORNIA	BGLM+	6,329,276	271,720	11,598	47,940	84,494	3,192,388	32,048	34,755
SOUTHERN ILLINOIS	LM+	4,601,724	312,699	11,214	27,136	343,126	6,997	29,880	18,461
SUNY-ALBANY	G+	2,896,185	0	2,283	13,133	25,207	56,149	8,037	7,764
SUNY-BUFFALO	GLM+	6,120,752	0	13,982	12,623	198,605	167,423	59,750	17,688
SUNY-STONY BROOK	M+	3,837,217	347,884	862	8,065	133,173	9,457	41,822	8,221
SYRACUSE	GL+	7,491,672	291,548	2,705	29,909	279,602	417,766	415,469	22,417
TEMPLE	BbGLM+	3,308,050	24,766	3,588	38,575	121,662	10,038,127	23,901	10,537
TENNESSEE	BbGLM+	4,389,259	4,158	3,667	13,622	392,137	14,017	25,891	19,082
TEXAS	GL+	6,628,794	0	10,526	126,180	327,219	11,931,928	193,332	78,236
TEXAS A&M	BbG+	5,686,474	65,519	10,869	22,856	237,956	541,868	26,730	28,463
TEXAS TECH	BLM+	2,726,735	4,222	390,368	33,532	162,427	1,649,059	25,367	34,682
TORONTO	B+	5,491,412	UA/NA	848,299	41,416	281,760	781,676	206,148	34,177
TULANE	BLM+	2,252,124	94,550	1,495	48,785	29,986	560	7,942	4,995
UTAH	LM	3,638,146	898,343	8,206	36,178	254,189	1,658,465	52,085	35,458
VANDERBILT	LM+	3,044,268	263,092	9,839	21,413	108,744	224,321	38,135	21,696
VIRGINIA	GLM+	5,536,709	674,257	11,665	27,928	152,697	449,408	81,420	38,769
VIRGINIA TECH	G	6,323,119	399,525	10,594	17,979	140,478	163,975	11,779	17,172
WASHINGTON	GLM+	7,788,178	0	18,448	68,413	369,521	1,335,917	80,395	49,249
WASHINGTON STATE	BG+	3,938,825	0	541	19,333	2,418	369,435	15,356	35,491
WASHINGTON U.-ST. LOUIS	bGLM+	3,448,834	0	14,967	15,671	117,685	3	42,573	61,366
WATERLOO	G+	1,710,239	0	9,724	5,633	146,659	41	413	261
WAYNE STATE	+	3,896,048	388,182	5,797	74,000	56,235	2,159,539	46,731	30,565
WESTERN ONTARIO	GL+	4,062,350	0	0	11,634	15,381	1,600,000	49,390	1,685
WISCONSIN	GLM+	6,350,062	757,805	15,978	158,397	599,282	6,280,823	353,608	29,588
YALE	LM+	10,269,372	0	0	92,675	462,904	2,340,314	243,416	29,211
YORK	BGL+	4,187,860	UA/NA	3,177	12,346	111,980	8,647	36,227	27,025
BOSTON PUBLIC	G	6,943,244	1,858,078	13	UA/NA	.	.	65,948	125,030
CISTI	+	5,000,000	0	2,050	2,231	UA/NA	UA/NA	UA/NA	749
CENTER FOR RESEARCH LIBRARIES	+	1,901,585	UA/NA	1,537	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA
LIBRARY OF CONGRESS	bG+	16,086,572	0	380,648	62,778	5,357,385	14,470,265	3,005,028	1,207,776
NATIONAL AGRICULTURAL LIBRARY	bG+	1,100,928	0	1,945	19,808	5,140	1,476	403	4,016

## COLLECTIONS: OTHER MATERIALS

		Microform Units	Government Documents	Computer Files	Manuscripts and Archives	Cartographic Materials	Graphic Materials	Audio Materials	Film and Video
(Survey Question Number)		(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
INSTITUTION	Notes								
LIBRARY & ARCHIVES CANADA	G+	8,182,821	334,000,000	UA/NA	170,285	2,966,064	24,627,186	333,973	202,694
NATIONAL LIBRARY OF MEDICINE	G+	605,672	0	2,560	4,878	0	69,285	UA/NA	83,837
NEW YORK PUBLIC	+	6,916,121	UA/NA	UA/NA	65,905	433,776	4,399,640	580,835	72,467
NEW YORK STATE	G+	8,504,454	UA/NA	8,862	29,291	211,366	71,358	56	94
SMITHSONIAN	G+	190,368	0	1,763	2,124	149	2,031	359	583
+ - See Footnotes		G - Government documents not included in serials count			U/ A - Unavailable				
L - Includes Law library		B - Includes branch campuses			N/ A - Not Applicable				
M- Includes Medical library		b - Basis of volume count is bibliographic			. - no data supplied				

## SUMMARY DATA

	Microform Units	Government Documents	Computer Files	Manuscripts and Archives	Cartographic Materials	Graphic Materials	Audio Materials	Film and Video
(Survey Question Number)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
<b>UNIVERSITY LIBRARIES</b>								
Mean	4,701,813	348,397	31,751	219,053	263,800	1,144,173	69,199	26,808
Median	4,277,343	123,665	10,369	18,870	172,474	249,521	40,385	19,661
High	10,269,372	2,668,634	848,299	20,869,940	4,461,772	20,815,850	415,469	171,402
Low	1,159,032	0	0	0	40	0	413	261
Totals	517,199,440	34,839,745	3,333,889	24,095,794	29,281,799	122,426,556	7,473,500	2,841,682
Number of Libraries Reporting	110	100	105	110	111	107	108	106
<b>NONUNIVERSITY LIBRARIES</b>								
Median	5,958,061	0	1,998	24,550	211,366	71,358	65,948	72,467
Totals	55,431,765	335,858,078	399,378	357,300	8,973,880	43,641,241	3,986,602	1,697,246
Number of Libraries Reporting	10	7	8	8	7	7	7	9
<b>GRAND TOTALS</b>	572,631,205	370,697,823	3,733,267	24,453,094	38,255,679	166,067,797	11,460,102	4,538,928

## EXPENDITURES

		Monographs	Current Serials	Other Library Materials	Miscellaneous Materials	Total Library Materials	Contract Binding
(Survey Question Number)		(15.a)	(15.b)	(15.c)	(15.d)	(15)	(16)
INSTITUTION	Notes						
ALABAMA	bGLM+	1,241,164	6,329,417	80,501	37,164	7,688,246	68,007
ALBERTA	G+	6,087,053	10,155,590	0	637,488	16,880,131	82,715
ARIZONA	bGLM+	2,857,568	8,366,628	840,821	562,371	12,627,388	63,659
ARIZONA STATE	BGL+	2,457,075	8,261,537	552,159	162,780	11,433,551	137,606
AUBURN	bG+	568,640	5,016,185	44,937	0	5,629,762	48,116
BOSTON	LM+	1,305,954	7,860,431	286,547	15,125	9,468,057	160,363
BOSTON COLLEGE	L+	1,368,393	5,125,794	1,118,387	1,366,735	8,979,309	96,752
BRIGHAM YOUNG	L+	3,178,353	7,909,894	64,206	155,394	11,307,847	116,780
BRITISH COLUMBIA	G+	3,296,520	10,404,252	832,745	383,713	14,917,231	135,630
BROWN	bG+	1,934,956	5,593,056	329,890	636,358	8,494,260	78,959
CALIFORNIA BERKELEY	GL+	8,117,984	10,766,841	850,834	383,188	20,118,847	1,054,748
CALIFORNIA DAVIS	GLM+	2,297,876	4,597,531	962,950	254,872	8,113,229	153,388
CALIFORNIA IRVINE	bGM+	2,739,752	6,474,353	294,234	UA/NA	9,508,339	65,401
CALIFORNIA LOS ANGELES	LM+	6,516,528	8,021,917	UA/NA	462,101	15,000,546	418,452
CALIFORNIA RIVERSIDE	G+	1,282,122	4,338,335	56,016	69,405	5,745,878	181,812
CALIFORNIA SAN DIEGO	bGM+	2,668,605	6,520,966	394,191	0	9,583,762	264,931
CALIFORNIA SANTA BARBARA	G+	1,836,596	3,962,387	0	0	5,798,983	152,549
CASE WESTERN RESERVE	GLM+	719,638	5,626,072	219,293	137,605	6,702,608	69,453
CHICAGO	bGLM+	6,144,425	11,559,713	0	0	17,704,138	401,626
CINCINNATI	bGLM+	2,451,165	7,075,210	606,555	150,755	10,283,685	134,264
COLORADO	bGL+	2,171,442	7,158,550	891,264	793,505	11,014,761	108,434
COLORADO STATE	G+	1,322,568	4,611,644	263,633	348,119	6,545,964	44,351
COLUMBIA	GLM+	6,098,651	14,110,787	2,084,407	1,391,211	23,685,056	635,352
CONNECTICUT	BGLM+	956,188	6,958,737	249,772	819,366	8,984,063	165,115
CORNELL	BGL+	6,761,733	7,934,603	857,024	289,887	15,843,247	158,581
DARTMOUTH	GM+	1,681,053	7,088,387	101,739	0	8,871,179	117,408
DELAWARE	G+	2,217,605	5,778,112	544,957	268,414	8,809,088	42,469
DUKE	bLM+	5,413,023	9,865,125	74,168	1,155,318	16,507,634	197,108
EMORY	BGLM+	5,908,477	4,877,256	3,639,948	476,677	14,902,358	133,881
FLORIDA	BbGLM+	1,348,788	9,938,022	1,034,154	106,786	12,427,750	120,869
FLORIDA STATE	BbLM+	1,287,909	5,337,897	1,297,356	260,304	8,183,466	45,618
GEORGE WASHINGTON	GLM+	2,634,298	6,103,662	273,006	1,377,163	10,388,129	145,442
GEORGETOWN	bGLM+	2,467,328	7,843,448	450,267	481,743	11,242,786	108,293
GEORGIA	GL+	2,405,117	8,415,725	401,668	382,979	11,605,489	254,042
GEORGIA TECH	G+	571,817	4,227,563	1,406,161	0	6,205,541	38,418
GUELPH	BG+	1,418,595	3,586,461	138,475	540,877	5,684,408	34,312
HARVARD	GLM+	13,455,145	9,248,116	11,532,084	55,984	34,291,329	1,111,119
HAWAII	GLM+	1,375,014	5,630,515	117,630	42,641	7,165,800	143,008
HOUSTON	bL+	1,760,006	6,275,219	394,690	481,962	8,911,877	131,353



## EXPENDITURES

Salaries & Wages Professional Staff	Salaries & Wages Support Staff	Salaries & Wages Student Assistants	Total Salaries & Wages	Other Operating Expenditures	Total Library Expenditures	(Survey Question Number)
(17.a)	(17.b)	(17.c)	(17)	(19)	(20)	
						INSTITUTION
4,103,185	2,112,002	599,463	6,814,650	2,052,276	16,623,179	ALABAMA
7,206,687	10,163,830	1,114,997	18,485,514	11,174,043	46,622,403	ALBERTA
5,763,875	5,572,208	1,111,218	12,447,301	6,217,440	31,355,788	ARIZONA
5,303,529	6,336,349	625,979	12,265,857	3,505,023	27,342,037	ARIZONA STATE
2,843,289	1,329,794	338,558	4,511,641	1,552,088	11,741,607	AUBURN
5,202,930	3,325,562	642,093	9,170,585	2,208,384	21,007,389	BOSTON
5,370,271	2,864,922	766,067	9,001,260	1,250,914	19,328,235	BOSTON COLLEGE
7,461,653	1,780,355	2,883,577	12,125,585	3,616,792	27,167,004	BRIGHAM YOUNG
8,499,949	6,672,144	834,442	16,006,535	3,955,552	35,014,948	BRITISH COLUMBIA
4,625,791	4,081,895	454,305	9,161,991	2,126,374	19,861,584	BROWN
17,244,826	8,478,887	3,099,034	28,822,747	6,674,045	56,670,387	CALIFORNIA BERKELEY
4,178,107	5,160,053	1,105,796	10,443,956	1,677,155	20,387,728	CALIFORNIA DAVIS
4,441,990	4,982,519	658,888	10,083,397	2,702,701	22,359,838	CALIFORNIA IRVINE
12,599,849	12,612,217	2,985,402	28,197,468	9,537,404	53,153,870	CALIFORNIA LOS ANGELES
3,680,131	3,605,831	537,247	7,823,209	1,378,904	15,129,803	CALIFORNIA RIVERSIDE
7,262,657	7,569,412	1,498,369	16,330,438	4,282,331	30,461,462	CALIFORNIA SAN DIEGO
3,167,866	4,568,779	1,103,902	8,840,547	5,435,713	20,227,792	CALIFORNIA SANTA BARBARA
3,578,878	1,444,997	541,357	5,565,232	1,064,181	13,401,474	CASE WESTERN RESERVE
4,862,576	6,440,066	1,335,028	12,637,670	3,841,968	34,585,402	CHICAGO
5,360,452	1,937,400	706,485	8,004,337	1,783,625	20,205,911	CINCINNATI
3,260,358	4,605,715	826,732	8,692,805	1,521,928	21,337,928	COLORADO
3,270,077	2,182,892	621,199	6,074,168	2,523,449	15,187,932	COLORADO STATE
20,103,853	8,150,610	2,400,405	30,654,868	6,974,601	61,949,877	COLUMBIA
8,460,309	5,387,214	904,232	14,751,755	2,198,984	26,099,917	CONNECTICUT
8,228,884	13,438,277	999,647	22,666,808	8,128,897	46,797,533	CORNELL
4,132,674	3,868,597	439,344	8,440,615	1,337,837	18,767,039	DARTMOUTH
4,211,405	3,226,144	386,782	7,824,331	1,802,698	18,478,586	DELAWARE
10,833,246	5,027,592	583,129	16,443,967	4,181,879	37,330,588	DUKE
7,546,934	4,635,575	785,320	12,967,829	3,932,346	31,936,414	EMORY
6,042,307	7,352,553	558,923	13,953,783	2,070,900	28,573,302	FLORIDA
3,622,653	2,864,197	602,718	7,089,568	644,076	15,962,728	FLORIDA STATE
5,513,970	3,703,453	671,347	9,888,770	3,068,084	23,490,425	GEORGE WASHINGTON
6,453,342	4,518,308	769,502	11,741,152	2,820,784	25,913,015	GEORGETOWN
4,051,061	5,313,416	741,766	10,106,243	2,485,368	24,451,142	GEORGIA
2,682,678	2,303,715	136,131	5,122,524	1,066,271	12,432,754	GEORGIA TECH
3,136,455	3,085,513	331,867	6,553,835	1,157,100	13,429,656	GUELPH
40,369,569	20,660,430	1,768,141	62,798,140	19,683,709	117,884,297	HARVARD
5,563,594	2,552,425	971,620	9,087,639	1,293,683	17,690,130	HAWAII
2,795,072	2,352,860	484,005	5,631,937	4,611,134	19,286,301	HOUSTON

## EXPENDITURES

		Monographs	Current Serials	Other Library Materials	Miscellaneous Materials	Total Library Materials	Contract Binding
(Survey Question Number)		(15.a)	(15.b)	(15.c)	(15.d)	(15)	(16)
INSTITUTION	Notes						
HOWARD	bLM+	246,474	3,360,936	166,322	50,000	3,823,732	63,000
ILLINOIS CHICAGO	M+	1,292,036	4,232,443	3,341,282	262,735	9,128,496	UA / NA
ILLINOIS URBANA	bGL+	2,895,921	9,626,380	849,572	693,789	14,065,662	285,420
INDIANA	GLM+	6,427,271	8,782,161	1,090,405	205,029	16,504,866	218,860
IOWA	bLM+	2,352,587	9,918,930	615,896	703,459	13,590,872	151,742
IOWA STATE	G+	1,719,386	7,105,893	129,270	404,778	9,359,327	127,105
JOHNS HOPKINS	BbG+	2,030,703	10,842,794	878,413	1,072,306	14,824,216	77,266
KANSAS	BbLM+	2,084,991	5,860,695	1,055,099	581,065	9,581,850	135,168
KENT STATE	BbG+	810,787	3,232,164	UA / NA	0	4,042,951	77,038
KENTUCKY	GLM+	1,624,478	6,421,219	1,686,050	684,330	10,416,077	144,418
LAVAL	G+	2,706,726	7,322,707	155,102	190,331	10,374,866	76,254
LOUISIANA STATE	GLM+	1,993,211	5,283,693	109,975	0	7,386,879	49,292
LOUISVILLE	BbG+	951,788	4,811,709	3,442,528	0	9,206,025	107,458
MCGILL	BbGLM+	5,210,714	10,187,365	245,315	442,234	16,085,628	246,275
MCMASTER	GM+	1,058,438	5,714,150	517,841	971,509	8,261,937	4,067
MANITOBA	G+	2,037,195	5,822,024	45,291	426,280	8,330,789	160,107
MARYLAND	G	1,588,899	7,651,874	638,088	218,746	10,097,607	113,804
MASSACHUSETTS	G+	1,084,359	5,028,032	403,355	29,273	6,545,019	97,816
MIT	G+	1,624,976	6,817,728	371,925	71,926	8,886,555	197,119
MIAMI	bGLM+	3,147,172	9,739,138	0	327,278	13,213,588	91,131
MICHIGAN	GLM+	5,186,157	13,324,502	171,764	1,843,453	20,525,876	437,616
MICHIGAN STATE	GL+	2,244,634	8,444,193	438,791	139,686	11,267,304	202,351
MINNESOTA	bGLM+	3,436,528	11,501,644	1,362,691	277,421	16,578,284	297,751
MISSOURI	GL+	1,029,157	5,985,414	1,438,636	62,373	8,515,580	102,702
MONTREAL	GLM+	1,976,784	9,211,831	95,919	10,271	11,294,805	140,224
NEBRASKA	GL+	427,296	6,401,031	155,183	56,478	7,039,988	144,081
NEW MEXICO	GLM+	1,377,722	6,581,497	269,897	447,723	8,676,839	83,212
NEW YORK	bGLM+	4,017,073	11,165,164	1,129,396	186,903	16,498,536	470,701
NORTH CAROLINA	GLM+	3,158,630	9,443,093	3,614,174	106,676	16,322,573	265,396
NORTH CAROLINA STATE	G+	1,862,181	6,616,791	415,264	914,842	9,809,078	210,919
NORTHWESTERN	BGLM+	3,631,003	8,783,955	688,964	493,004	13,596,926	174,615
NOTRE DAME	bGL+	4,979,282	6,573,240	0	53,915	11,606,437	103,076
OHIO	BbG+	1,277,551	3,642,738	520,206	200,514	5,641,009	38,319
OHIO STATE	bGLM+	3,232,837	8,765,104	595,835	585,062	13,178,838	322,443
OKLAHOMA	GLM+	3,313,871	8,582,861	1,803,987	381,114	14,081,833	218,547
OKLAHOMA STATE	BGM+	1,402,560	5,286,432	113,866	38,453	6,841,311	69,145
OREGON	bGL+	1,675,671	3,976,853	UA / NA	1,065,756	6,718,280	106,229
PENNSYLVANIA	GLM+	3,734,557	10,090,093	564,886	779,323	15,168,859	317,016
PENNSYLVANIA STATE	BGLM+	3,946,715	12,954,911	786,018	138,479	17,826,123	402,103

## EXPENDITURES

Salaries & Wages Professional Staff	Salaries & Wages Support Staff	Salaries & Wages Student Assistants	Total Salaries & Wages	Other Operating Expenditures	Total Library Expenditures	(Survey Question Number)
(17.a)	(17.b)	(17.c)	(17)	(19)	(20)	
						INSTITUTION
2,893,992	2,138,628	402,691	5,435,311	951,272	10,273,315	HOWARD
3,717,050	3,712,395	444,038	7,873,483	2,256,901	19,258,880	ILLINOIS CHICAGO
11,550,518	7,630,897	1,830,047	21,011,462	4,351,948	39,714,492	ILLINOIS URBANA
10,068,396	5,214,735	1,881,482	17,164,613	5,129,811	39,018,150	INDIANA
6,140,434	5,232,797	962,134	12,335,365	1,542,269	27,620,248	IOWA
3,152,049	3,677,430	454,319	7,283,798	1,724,165	18,494,395	IOWA STATE
5,657,282	4,671,961	193,813	10,523,056	3,726,050	29,150,588	JOHNS HOPKINS
5,809,922	3,492,891	996,691	10,299,504	2,415,971	22,432,493	KANSAS
3,053,683	1,279,398	471,897	4,804,978	2,958,811	11,883,778	KENT STATE
4,909,905	2,668,457	678,531	8,256,893	2,597,096	21,414,484	KENTUCKY
4,305,000	5,855,749	48,338	10,209,086	607,324	21,267,530	LAVAL
3,252,026	2,047,136	498,839	5,798,001	1,341,854	14,576,026	LOUISIANA STATE
3,087,778	2,702,904	485,063	6,275,745	3,564,899	19,154,127	LOUISVILLE
6,034,641	7,639,133	821,413	14,495,187	4,316,278	35,143,367	MCGILL
3,011,223	4,123,876	603,919	7,739,018	1,404,406	17,409,428	MCMASTER
5,336,296	5,705,143	711,923	11,753,362	1,799,754	22,044,012	MANITOBA
8,425,628	3,461,393	712,594	12,599,615	1,937,553	24,748,579	MARYLAND
3,874,503	3,207,608	529,560	7,611,671	1,741,283	15,995,789	MASSACHUSETTS
8,322,977	4,009,913	353,627	12,686,517	3,276,441	25,046,632	MIT
4,758,964	4,174,269	708,373	9,641,606	4,304,519	27,250,844	MIAMI
11,897,358	12,161,191	1,794,610	25,853,159	4,782,459	51,599,110	MICHIGAN
5,251,600	5,019,324	1,398,441	11,669,365	2,467,965	25,606,985	MICHIGAN STATE
7,854,878	8,745,597	1,517,220	18,117,695	5,740,315	40,734,045	MINNESOTA
3,511,413	2,454,935	419,305	6,385,653	1,690,135	16,694,070	MISSOURI
7,162,773	10,772,910	UA / NA	17,935,683	1,205,676	30,576,387	MONTREAL
3,433,931	2,961,885	654,997	7,050,813	1,382,252	15,617,134	NEBRASKA
4,863,734	6,423,517	717,864	12,005,115	3,319,369	24,084,535	NEW MEXICO
9,617,319	9,526,571	1,559,454	20,703,344	6,930,149	44,602,730	NEW YORK
10,686,200	7,114,097	1,143,426	18,943,723	5,591,823	41,123,515	NORTH CAROLINA
7,228,469	3,087,654	643,498	10,959,621	7,270,144	28,249,762	NORTH CAROLINA STATE
7,129,458	4,684,651	703,498	12,517,607	2,857,993	29,147,141	NORTHWESTERN
4,893,032	4,920,009	493,386	10,306,427	2,061,290	24,077,230	NOTRE DAME
2,235,553	2,576,608	665,623	5,477,784	1,233,362	12,390,474	OHIO
8,394,752	5,597,577	2,650,050	16,642,379	8,329,578	38,473,238	OHIO STATE
3,179,813	2,405,624	1,065,528	6,650,965	1,912,562	22,863,907	OKLAHOMA
4,490,310	2,766,159	612,148	7,868,617	2,163,237	16,942,310	OKLAHOMA STATE
3,741,606	2,888,147	1,049,169	7,678,922	1,973,830	16,477,261	OREGON
8,046,266	8,094,502	850,456	16,991,224	5,943,884	38,011,711	PENNSYLVANIA
10,507,239	13,203,238	726,145	24,436,622	5,021,538	47,686,386	PENNSYLVANIA STATE

## EXPENDITURES

		Monographs	Current Serials	Other Library Materials	Miscellaneous Materials	Total Library Materials	Contract Binding
(Survey Question Number)		(15.a)	(15.b)	(15.c)	(15.d)	(15)	(16)
INSTITUTION	Notes						
PITTSBURGH	BGLM+	2,785,410	9,243,253	339,178	2,489,183	14,857,024	195,737
PRINCETON	bG+	7,721,342	10,769,945	2,113,814	592,003	21,197,104	513,804
PURDUE	G+	1,447,270	7,022,039	1,934,647	176,264	10,580,220	89,563
QUEENS	LM+	1,630,058	7,367,618	181,464	364,153	9,543,294	85,513
RICE	G+	4,210,131	6,139,862	372,956	405,094	11,128,043	50,080
ROCHESTER	bM+	1,161,236	6,258,440	358,573	31,333	7,809,582	111,793
RUTGERS	BGL+	1,352,783	7,774,275	962,985	364,601	10,454,644	111,749
SASKATCHEWAN	GLM+	2,130,561	6,347,299	UA / NA	464,305	8,942,165	72,758
SOUTH CAROLINA	LM+	1,357,022	6,116,438	411,847	166,497	8,051,804	72,821
SOUTHERN CALIFORNIA	BGLM+	2,874,283	7,878,187	138,947	241,037	11,132,454	157,736
SOUTHERN ILLINOIS	LM+	736,010	5,866,259	152,081	276,904	7,031,254	125,101
SUNY-ALBANY	G+	885,746	4,215,691	47,580	255,784	5,404,801	56,502
SUNY-BUFFALO	GLM+	1,273,433	7,172,458	148,791	59,272	8,653,954	67,779
SUNY-STONY BROOK	M+	420,700	5,221,576	397,263	1,071,596	7,111,135	60,579
SYRACUSE	GL+	1,258,269	5,316,483	463,151	0	7,037,903	51,230
TEMPLE	BbGLM+	2,216,053	5,690,849	3,688,587	7,461	11,602,950	141,357
TENNESSEE	BbGLM+	2,132,077	9,432,867	455,852	189,224	12,210,020	103,438
TEXAS	GL+	3,349,386	9,820,242	4,186,655	259,408	17,615,691	202,482
TEXAS A&M	BbG+	5,180,137	11,101,887	720,576	0	17,002,600	113,146
TEXAS TECH	BLM+	2,707,128	7,318,882	229,414	824,265	11,079,689	92,165
TORONTO	B+	8,349,661	11,493,126	5,979,621	UA / NA	25,822,409	315,787
TULANE	BLM+	1,770,102	6,093,411	323,048	2,000	8,188,561	45,092
UTAH	LM	1,924,324	5,739,547	60,902	255,769	7,980,542	114,166
VANDERBILT	LM+	1,747,797	9,514,270	133,925	39,800	11,435,792	127,912
VIRGINIA	GLM+	3,117,556	8,426,644	1,523,169	400,283	13,467,652	133,378
VIRGINIA TECH	G	1,126,563	5,423,174	UA / NA	493,307	7,043,044	50,749
WASHINGTON	GLM+	3,085,456	11,393,157	268,939	114,875	14,862,427	213,119
WASHINGTON STATE	BG+	1,162,960	5,042,750	8,215	210,551	6,424,476	45,761
WASHINGTON U.-ST. LOUIS	bGLM+	1,695,048	8,486,004	2,062,167	219,513	12,462,732	109,437
WATERLOO	G+	1,267,256	4,649,880	122,520	494,105	6,533,760	49,765
WAYNE STATE	+	1,181,664	7,495,718	0	329,760	9,007,142	79,889
WESTERN ONTARIO	GL+	2,266,855	9,129,335	UA / NA	241,691	11,637,880	116,165
WISCONSIN	GLM+	2,017,313	6,263,640	2,252,086	441,493	10,974,532	184,979
YALE	LM+	11,741,599	5,557,697	16,045,965	0	33,345,261	515,555
YORK	BGL+	2,577,912	7,881,161	209,117	103,349	10,771,539	177,918
BOSTON PUBLIC	G	3,754,079	1,150,588	1,152,171	37,490	6,094,328	10,614
CISTI	+	518,789	10,578,513	301,657	11,692	11,410,651	0
CENTER FOR RESEARCH LIBRARIES	+	78,924	272,539	655,576	20,421	1,027,460	UA / NA
LIBRARY OF CONGRESS	bG+	5,202,000	6,395,000	6,802,984	260,854	18,660,838	1,352,050

## EXPENDITURES

Salaries & Wages Professional Staff	Salaries & Wages Support Staff	Salaries & Wages Student Assistants	Total Salaries &Wages	Other Operating Expenditures	Total Library Expenditures	(Survey Question Number)
(17.a)	(17.b)	(17.c)	(17)	(19)	(20)	
						INSTITUTION
6,678,904	4,906,078	953,840	12,538,822	4,068,526	31,660,109	PITTSBURGH
9,541,754	8,347,687	899,642	18,789,083	4,919,618	45,419,609	PRINCETON
5,891,096	4,214,507	938,232	11,043,835	3,860,300	25,573,918	PURDUE
3,414,591	4,687,169	315,377	8,417,136	1,502,065	19,548,008	QUEENS
3,442,262	1,536,384	167,747	5,146,393	714,789	17,039,305	RICE
6,349,979	2,155,275	513,936	9,019,190	6,361,120	23,301,685	ROCHESTER
7,325,228	10,986,436	1,213,008	19,524,672	2,342,995	32,434,060	RUTGERS
4,139,164	3,222,172	276,594	7,637,931	1,248,714	17,901,568	SASKATCHEWAN
4,058,321	3,317,677	598,802	7,974,800	3,643,160	19,742,585	SOUTH CAROLINA
9,015,433	6,165,255	1,968,628	17,149,316	9,953,703	38,393,209	SOUTHERN CALIFORNIA
2,847,194	2,860,590	990,270	6,698,054	1,443,490	15,297,899	SOUTHERN ILLINOIS
3,946,577	2,204,293	495,310	6,646,180	75,884	12,183,367	SUNY-ALBANY
6,723,181	2,485,850	1,289,276	10,498,307	1,567,889	20,787,929	SUNY-BUFFALO
5,064,220	902,657	423,382	6,390,259	749,058	14,311,031	SUNY-STONY BROOK
4,039,921	3,971,391	478,594	8,489,906	1,549,946	17,128,985	SYRACUSE
4,806,835	2,440,474	693,279	7,940,588	3,109,273	22,794,168	TEMPLE
5,479,556	3,696,339	728,009	9,903,904	1,338,868	23,556,230	TENNESSEE
8,641,986	10,672,107	1,458,561	20,772,654	5,259,179	43,850,006	TEXAS
7,814,173	3,612,683	901,975	12,328,831	4,705,074	34,149,651	TEXAS A&M
4,929,494	3,343,608	1,242,656	9,515,758	4,497,118	25,184,730	TEXAS TECH
15,348,537	16,308,262	4,004,668	35,661,466	6,354,878	68,154,539	TORONTO
2,899,493	2,040,338	255,212	5,195,043	748,643	14,177,339	TULANE
5,281,736	5,981,915	1,613,307	12,876,958	3,724,178	24,695,844	UTAH
6,434,470	3,273,212	451,967	10,159,649	3,004,230	24,727,583	VANDERBILT
7,009,219	9,063,042	848,972	16,921,233	5,407,540	35,929,803	VIRGINIA
2,342,125	2,866,591	406,992	5,615,708	1,010,566	13,720,067	VIRGINIA TECH
11,904,128	7,798,716	2,327,126	22,029,970	3,749,314	40,854,830	WASHINGTON
3,022,487	3,070,487	629,485	6,722,459	1,517,246	14,709,942	WASHINGTON STATE
6,014,991	3,486,702	717,370	10,219,063	4,556,365	27,347,597	WASHINGTON U.-ST. LOUIS
2,657,553	3,825,489	669,729	7,152,770	1,738,974	15,475,270	WATERLOO
5,225,694	2,967,890	1,155,782	9,349,366	2,365,219	20,801,616	WAYNE STATE
4,383,118	3,945,402	300,473	8,628,993	934,680	21,317,718	WESTERN ONTARIO
14,155,552	6,544,134	2,759,744	23,459,430	8,260,282	42,879,223	WISCONSIN
20,166,081	14,403,246	1,211,749	35,781,076	11,815,578	81,457,470	YALE
5,774,020	5,093,102	1,065,130	11,932,252	3,779,397	26,661,107	YORK
11,752,721	11,996,048	583,986	24,332,755	12,724,880	43,162,577	BOSTON PUBLIC
UA / NA	UA / NA	UA / NA	22,822,493	11,734,582	45,967,726	CISTI
1,696,015	548,341	244,162	2,488,518	742,819	4,258,798	CENTER FOR RESEARCH LIBRARIES
323,924,456	UA / NA	UA / NA	323,924,456	325,864,203	669,801,547	LIBRARY OF CONGRESS

## EXPENDITURES

		Monographs	Current Serials	Other Library Materials	Miscellaneous Materials	Total Library Materials	Contract Binding
(Survey Question Number)		(15.a)	(15.b)	(15.c)	(15.d)	(15)	(16)
INSTITUTION	Notes						
NATIONAL AGRICULTURAL LIBRARY	bG+	219,032	3,057,505	509,560	0	3,786,097	2,500
LIBRARY & ARCHIVES CANADA	G+	777,674	450,217	445,156	132,790	1,805,837	UA/NA
NATIONAL LIBRARY OF MEDICINE	G+	1,325,549	7,689,804	38,303	.	9,053,656	138,023
NEW YORK PUBLIC	+	7,772,851	3,595,074	3,856,986	UA/NA	15,224,911	668,904
NEW YORK STATE	G+	1,740,000	2,530,000	UA/NA	0	4,270,000	27,823
SMITHSONIAN	G+	405,964	1,102,830	0	51,961	1,560,755	32,048
+ - See Footnotes		G - Government documents not included in serials count		U/A - Unavailable			
L - Includes Law library		B - Includes branch campuses		N/A - Not Applicable			
M- Includes Medical library		b - Basis of volume count is bibliographic		. - no data supplied			

## SUMMARY DATA

	Monographs	Current Serials	Other Library Materials	Miscellaneous Materials	Total Library Materials	Contract Binding
(Survey Question Number)	(15.a)	(15.b)	(15.c)	(15.d)	(15)	(16)
<b>UNIVERSITY LIBRARIES</b>						
Mean	2,716,677	7,369,145	1,023,252	372,877	11,421,020	168,796
Median	2,037,195	7,075,210	403,355	259,408	10,388,129	122,985
High	13,455,145	14,110,787	16,045,965	2,489,183	34,291,329	1,111,119
Low	246,474	3,232,164	0	0	3,823,732	4,067
Totals	306,984,547	832,713,383	109,487,911	41,389,384	1,290,575,224	18,905,174
Number of Libraries Reporting	113	113	107	111	113	112
<b>NONUNIVERSITY LIBRARIES</b>						
Median	1,051,612	2,793,753	509,560	28,956	5,182,164	29,936
Totals	21,794,863	36,822,070	13,762,393	515,208	72,894,534	2,231,962
Number of Libraries Reporting	10	10	9	8	10	8
<b>GRAND TOTALS</b>	328,779,410	869,535,452	123,250,303	41,904,592	1,363,469,758	21,137,136

## EXPENDITURES

Salaries & Wages Professional Staff	Salaries & Wages Support Staff	Salaries & Wages Student Assistants	Total Salaries &Wages	Other Operating Expenditures	Total Library Expenditures	(20) (Survey Question Number)
(17.a)	(17.b)	(17.c)	(17)	(19)		
12,583,397	2,860,836	29,890	15,474,123	9,540,548	28,803,268	NATIONAL AGRICULTURAL LIBRARY
52,622,170	23,111,200	704,893	76,438,263	UA / NA	78,244,100	LIBRARY & ARCHIVES CANADA
21,288,580	4,563,038	527,492	26,379,110	25,183,957	60,754,746	NATIONAL LIBRARY OF MEDICINE
16,973,850	11,391,606	1,469,329	29,834,785	12,537,654	58,266,254	NEW YORK PUBLIC
UA / NA	UA / NA	UA / NA	6,471,850	938,122	11,707,795	NEW YORK STATE
4,954,790	2,069,238	9,458	7,033,486	1,196,254	9,822,543	SMITHSONIAN

## SUMMARY DATA

Salaries & Wages Professional Staff	Salaries & Wages Support Staff	Salaries & Wages Student Assistants	Total Salaries &Wages	Other Operating Expenditures	Total Library Expenditures	(20) (Survey Question Number)
(17.a)	(17.b)	(17.c)	(17)	(19)		
UNIVERSITY LIBRARIES						
6,471,628	5,139,087	940,571	12,542,962	3,476,419	27,607,703	Mean
5,303,529	4,081,895	714,982	10,209,086	2,597,096	23,556,230	Median
40,369,569	20,660,430	4,004,668	62,798,140	19,683,709	117,884,297	High
2,235,553	902,657	48,338	4,511,641	75,884	10,273,315	Low
731,293,975	580,716,776	105,343,950	1,417,354,701	392,835,394	3,119,670,494	Totals
113	113	112	113	113	113	Number of Libraries Reporting
NONUNIVERSITY LIBRARIES						
14,778,624	4,563,038	527,492	23,577,624	11,734,582	44,565,151	Median
445,795,979	56,540,307	3,569,210	535,199,838	400,463,019	1,010,789,353	Totals
8	7	7	10	9	10	Number of Libraries Reporting
1,177,089,954	637,257,083	108,913,160	1,952,554,540	793,298,413	4,130,459,847	GRAND TOTALS

## ELECTRONIC RESOURCES EXPENDITURES

		One-time Electronic Resource Purchases	Ongoing Electronic Resource Purchases	Total Electronic Resource Purchases	Total Library Materials Expenditures	Electronic Resources as a % of Library Materials Budget
(Survey Question Number)		(21)	(22)	(21 + 22)	(15)	
INSTITUTION	Notes					
ALABAMA	bGLM+	306,950	3,730,223	4,037,173	7,688,246	52.51
ALBERTA	G+	7,356,162	7,165,442	14,521,604	16,880,131	86.03
ARIZONA	bGLM+	1,009,605	6,336,444	7,346,049	12,627,388	58.18
ARIZONA STATE	BGL+	68,793	5,997,836	6,066,629	11,433,551	53.06
AUBURN	bG+	0	4,704,780	4,704,780	5,629,762	83.57
BOSTON	LM+	534,911	2,827,120	3,362,031	9,468,057	35.51
BOSTON COLLEGE	L+	638,363	4,170,504	4,808,867	8,979,309	53.55
BRIGHAM YOUNG	L+	UA/NA	5,173,184	5,173,184	11,307,847	45.75
BRITISH COLUMBIA	G+	176,642	7,471,946	7,648,588	14,917,231	51.27
BROWN	bG+	223,391	4,319,870	4,543,261	8,494,260	53.49
CALIFORNIA BERKELEY	GL+	523,848	5,998,556	6,522,404	20,118,847	32.42
CALIFORNIA DAVIS	GLM+	859,806	3,527,361	4,387,167	8,113,229	54.07
CALIFORNIA IRVINE	bGM+	483,924	4,240,672	4,724,596	9,508,339	49.69
CALIFORNIA LOS ANGELES	LM+	339,502	4,522,530	4,862,032	15,000,546	32.41
CALIFORNIA RIVERSIDE	G+	4,002	2,274,782	2,278,784	5,745,878	39.66
CALIFORNIA SAN DIEGO	bGM+	474,626	4,809,297	5,283,923	9,583,762	55.13
CALIFORNIA SANTA BARBARA	G+	16,195	2,680,741	2,696,936	5,798,983	46.51
CASE WESTERN RESERVE	GLM+	142,721	3,374,918	3,517,639	6,702,608	52.48
CHICAGO	bGLM+	872,864	4,894,830	5,767,694	17,704,138	32.58
CINCINNATI	bGLM+	533,250	5,067,799	5,601,049	10,283,685	54.47
COLORADO	bGL+	779,715	5,848,781	6,628,496	11,014,761	60.18
COLORADO STATE	G+	324,857	3,867,699	4,192,556	6,545,964	64.05
COLUMBIA	GLM+	1,712,309	9,018,539	10,730,848	23,685,056	45.31
CONNECTICUT	BGLM+	109,074	5,301,347	5,410,421	8,984,063	60.22
CORNELL	BGL+	131,274	6,910,052	7,041,326	15,843,247	44.44
DARTMOUTH	GM+	78,120	5,166,265	5,244,385	8,871,179	59.12
DELAWARE	G+	463,689	5,085,956	5,549,645	8,809,088	63.00
DUKE	bLM+	1,682,971	6,318,112	8,001,083	16,507,634	48.47
EMORY	BGLM+	199,506	4,313,531	4,513,037	14,902,358	30.28
FLORIDA	BbGLM+	138,982	5,542,246	5,681,228	12,427,750	45.71
FLORIDA STATE	BbLM+	64,944	5,241,256	5,306,200	8,183,466	64.84
GEORGE WASHINGTON	GLM+	313,613	2,078,086	2,391,699	10,388,129	23.02
GEORGETOWN	bGLM+	187,091	3,986,516	4,173,607	11,242,786	37.12
GEORGIA	GL+	193,892	6,121,332	6,315,224	11,605,489	54.42
GEORGIA TECH	G+	116,059	4,042,589	4,158,648	6,205,541	67.02
GUELPH	BG+	323,433	3,340,713	3,664,146	5,684,408	64.46
HARVARD	GLM+	8,300,095	UA/NA	8,300,095	34,291,329	24.20
HAWAII	GLM+	5,550	3,493,135	3,498,685	7,165,800	48.82
HOUSTON	bL+	398,167	4,259,699	4,657,866	8,911,877	52.27



## ELECTRONIC RESOURCES EXPENDITURES

Bibl. Utilities, Networks, etc. Library Expenditures	Bibl. Utilities, Networks, etc. External Expenditures	Computer Hardware and Software Expenditures	Document Delivery/ Interlibrary Loan Expenditures	(25) (Survey Question Number)
(23.a)	(23.b)	(24)		
INSTITUTION				
318,654	9,566	391,149	36,206	ALABAMA
UA/NA	UA/NA	UA/NA	UA/NA	ALBERTA
UA/NA	UA/NA	2,480,111	126,279	ARIZONA
110,124	0	531,124	336,443	ARIZONA STATE
176,892	166,500	711,465	90,860	AUBURN
182,320	UA/NA	284,194	78,423	BOSTON
160,457	UA/NA	181,609	17,751	BOSTON COLLEGE
455,489	UA/NA	788,030	49,021	BRIGHAM YOUNG
341,940	0	323,749	142,567	BRITISH COLUMBIA
0	8,500	109,090	169,296	BROWN
383,188	1,098,800	687,317	223,026	CALIFORNIA BERKELEY
135,105	961,450	628,003	135,975	CALIFORNIA DAVIS
130,549	892,775	527,696	78,798	CALIFORNIA IRVINE
462,101	1,167,475	2,400,378	292,792	CALIFORNIA LOS ANGELES
170,306	549,400	158,727	60,295	CALIFORNIA RIVERSIDE
0	892,775	1,101,079	130,711	CALIFORNIA SAN DIEGO
216,000	618,075	618,759	164,425	CALIFORNIA SANTA BARBARA
82,299	143,698	209,087	40,251	CASE WESTERN RESERVE
383,914	250,000	516,063	238,702	CHICAGO
150,607	505,148	904,436	19,344	CINCINNATI
0	25,000	143,810	119,078	COLORADO
286,767	260,877	621,548	284,463	COLORADO STATE
527,268	0	1,358,001	UA/NA	COLUMBIA
138,092	1,961,515	659,647	170,179	CONNECTICUT
250,000	0	2,008,155	123,486	CORNELL
UA/NA	UA/NA	226,280	198,151	DARTMOUTH
70,582	0	333,127	71,834	DELAWARE
314,281	2,969	1,242,884	55,582	DUKE
178,171	249,430	478,926	32,815	EMORY
184,272	565,034	430,100	78,906	FLORIDA
193,429	544,848	205,614	77,131	FLORIDA STATE
4,600	93,639	332,007	105,756	GEORGE WASHINGTON
183,449	3,726	388,084	38,279	GEORGETOWN
17,284	.	373,334	694	GEORGIA
175,000	0	427,254	289,876	GEORGIA TECH
187,560	270,172	400,119	81,742	GUELPH
2,094,192	UA/NA	1,876,259	UA/NA	HARVARD
196,927	0	285,569	123,291	HAWAII
503,345	0	827,493	22,430	HOUSTON

## ELECTRONIC RESOURCES EXPENDITURES

		One-time Electronic Resource Purchases	Ongoing Electronic Resource Purchases	Total Electronic Resource Purchases	Total Library Materials Expenditures	Electronic Resources as a % of Library Materials Budget
(Survey Question Number)		(21)	(22)	(21 + 22)	(15)	
INSTITUTION	Notes					
HOWARD	bLM+	22,000	2,053,989	2,075,989	3,823,732	54.29
ILLINOIS CHICAGO	M+	105,000	4,541,070	4,646,070	9,128,496	50.90
ILLINOIS URBANA	bGL+	269,350	5,651,861	5,921,211	14,065,662	42.10
INDIANA	GLM+	1,230,400	5,356,619	6,587,019	16,504,866	39.91
IOWA	bLM+	356,625	5,937,277	6,293,902	13,590,872	46.31
IOWA STATE	G+	73,449	6,283,448	6,356,897	9,359,327	67.92
JOHNS HOPKINS	BbG+	238,137	4,604,961	4,843,098	14,824,216	32.67
KANSAS	BbLM+	1,015,630	3,915,753	4,931,383	9,581,850	51.47
KENT STATE	BbG+	UA/NA	UA/NA	.	4,042,951	.
KENTUCKY	GLM+	980,309	5,158,151	6,138,460	10,416,077	58.93
LAVAL	G+	465,692	5,202,663	5,668,355	10,374,866	54.64
LOUISIANA STATE	GLM+	787,969	3,484,606	4,272,575	7,386,879	57.84
LOUISVILLE	BbG+	73,254	3,138,477	3,211,731	9,206,025	34.89
MCGILL	BbGLM+	1,289,265	7,597,757	8,887,022	16,085,628	55.25
MCMASTER	GM+	398,745	4,903,903	5,302,647	8,261,937	64.18
MANITOBA	G+	1,069,613	3,319,036	4,388,649	8,330,789	52.68
MARYLAND	G	357,421	6,027,399	6,384,820	10,097,607	63.23
MASSACHUSETTS	G+	328,449	4,061,050	4,389,499	6,545,019	67.07
MIT	G+	654,405	4,660,758	5,315,163	8,886,555	59.81
MIAMI	bGLM+	524,849	6,419,942	6,944,791	13,213,588	52.56
MICHIGAN	GLM+	601,395	7,132,617	7,734,012	20,525,876	37.68
MICHIGAN STATE	GL+	686,909	5,636,707	6,323,616	11,267,304	56.12
MINNESOTA	bGLM+	1,219,091	6,855,437	8,074,528	16,578,284	48.71
MISSOURI	GL+	56,474	6,197,973	6,254,447	8,515,580	73.45
MONTREAL	GLM+	307,828	6,358,934	6,666,762	11,294,805	59.03
NEBRASKA	GL+	395,861	2,028,356	2,424,217	7,039,988	34.43
NEW MEXICO	GLM+	1,725,020	3,588,928	5,313,948	8,676,839	61.24
NEW YORK	bGLM+	1,058,971	8,167,089	9,226,060	16,498,536	55.92
NORTH CAROLINA	GLM+	1,712,520	3,436,539	5,149,059	16,322,573	31.55
NORTH CAROLINA STATE	G+	502,341	3,328,110	3,830,451	9,809,078	39.05
NORTHWESTERN	BGLM+	687,302	6,510,675	7,197,977	13,596,926	52.94
NOTRE DAME	bGL+	1,756,322	4,734,878	6,491,200	11,606,437	55.93
OHIO	BbG+	404,046	2,467,990	2,872,036	5,641,009	50.91
OHIO STATE	bGLM+	288,080	6,302,092	6,590,172	13,178,838	50.01
OKLAHOMA	GLM+	1,684,445	2,894,609	4,579,054	14,081,833	32.52
OKLAHOMA STATE	BGM+	UA/NA	UA/NA	.	6,841,311	.
OREGON	bGL+	108,000	2,731,843	2,839,843	6,718,280	42.27
PENNSYLVANIA	GLM+	627,031	6,165,221	6,792,252	14,759,587	46.02
PENNSYLVANIA STATE	BGLM+	97,060	10,227,659	10,324,719	17,826,123	57.92

## ELECTRONIC RESOURCES EXPENDITURES

Bibl. Utilities, Networks, etc. Library Expenditures	Bibl. Utilities, Networks, etc. External Expenditures	Computer Hardware and Software Expenditures	Document Delivery/ Interlibrary Loan Expenditures	(25) (Survey Question Number)	INSTITUTION
(23.a)	(23.b)	(24)			
113,489	UA / NA	91,516	23,500		HOWARD
49,477	UA / NA	UA / NA	UA / NA		ILLINOIS CHICAGO
439,043	UA / NA	576,734	4,301		ILLINOIS URBANA
240,699	229,540	628,332	230,700		INDIANA
176,853	0	439,535	274,614		IOWA
97,760	0	636,034	171,195		IOWA STATE
33,445	0	601,856	46,078		JOHNS HOPKINS
307,363	0	428,822	226,855		KANSAS
104,933	573,692	373,756	31,655		KENT STATE
223,550	0	521,443	201,929		KENTUCKY
.	.	.	54,625		LAVAL
330,080	139,280	67,776	71,668		LOUISIANA STATE
.	233,589	308,469	30,140		LOUISVILLE
359,754	.	519,734	34,282		MCGILL
95,095	0	111,791	94,739		MCMASTER
86,867	0	281,882	165,995		MANITOBA
605,392	164,219	255,941	307,988		MARYLAND
248,033	75,000	232,637	124,399		MASSACHUSETTS
100,163	.	681,696	92,627		MIT
222,630	0	1,405,206	153,651		MIAMI
395,495	3,500	2,304,437	223,325		MICHIGAN
308,019	UA / NA	628,771	252,626		MICHIGAN STATE
234,652	240,800	1,881,259	269,076		MINNESOTA
129,135	0	56,055	37,950		MISSOURI
28,851	665,134	607,667	194,248		MONTREAL
139,289	125,887	403,993	64,449		NEBRASKA
558,946	1,270	431,718	49,892		NEW MEXICO
UA / NA	UA / NA	1,765,378	264,193		NEW YORK
393,290	UA / NA	999,092	160,165		NORTH CAROLINA
176,002	0	792,904	143,756		NORTH CAROLINA STATE
217,825	UA / NA	740,079	143,905		NORTHWESTERN
130,862	182,643	645,589	77,587		NOTRE DAME
152,065	499,209	278,180	49,007		OHIO
154,599	1,185,462	603,671	128,485		OHIO STATE
282,439	42,891	674,296	98,729		OKLAHOMA
UA / NA	UA / NA	707,540	96,170		OKLAHOMA STATE
254,616	39,547	716,823	127,855		OREGON
UA / NA	718,144	992,209	477,681		PENNSYLVANIA
335,103	20,979	1,825,664	209,813		PENNSYLVANIA STATE

## ELECTRONIC RESOURCES EXPENDITURES

		One-time Electronic Resource Purchases	Ongoing Electronic Resource Purchases	Total Electronic Resource Purchases	Total Library Materials Expenditures	Electronic Resources as a % of Library Materials Budget
(Survey Question Number)		(21)	(22)	(21 + 22)	(15)	
INSTITUTION	Notes					
PITTSBURGH	BGLM+	494,775	9,082,800	9,577,575	14,857,024	64.46
PRINCETON	bG+	587,551	7,806,016	8,393,567	21,197,104	39.60
PURDUE	G+	47,966	6,345,104	6,393,070	10,580,220	60.42
QUEENS	LM+	UA/NA	5,671,832	5,671,832	9,543,294	59.43
RICE	G+	1,122,258	3,635,342	4,757,600	11,128,043	42.75
ROCHESTER	bM+	140,508	3,391,125	3,531,633	7,809,582	45.22
RUTGERS	BGL+	311,558	4,696,278	5,007,836	10,454,644	47.90
SASKATCHEWAN	GLM+	33,215	5,508,447	5,541,661	8,942,165	61.97
SOUTH CAROLINA	LM+	310,756	4,602,065	4,912,821	8,051,804	61.02
SOUTHERN CALIFORNIA	BGLM+	1,266,271	4,673,283	5,939,554	11,132,454	53.35
SOUTHERN ILLINOIS	LM+	76,295	3,852,031	3,928,326	7,031,254	55.87
SUNY-ALBANY	G+	123,778	1,836,463	1,960,241	5,404,801	36.27
SUNY-BUFFALO	GLM+	90,283	5,387,476	5,477,759	8,653,954	63.30
SUNY-STONY BROOK	M+	190,481	3,753,464	3,943,945	7,111,135	55.46
SYRACUSE	GL+	233,109	3,556,347	3,789,456	7,037,903	53.84
TEMPLE	BbGLM+	1,447,647	5,154,310	6,601,957	11,602,950	56.90
TENNESSEE	BbGLM+	551,622	5,091,930	5,643,552	12,210,020	46.22
TEXAS	GL+	1,969,344	6,483,628	8,452,972	17,615,691	47.99
TEXAS A&M	BbG+	1,727,698	7,383,376	9,111,074	17,002,600	53.59
TEXAS TECH	BLM+	618,470	4,309,998	4,928,468	11,079,689	44.48
TORONTO	B+	1,717,881	7,565,335	9,283,217	25,822,409	35.95
TULANE	BLM+	416,358	4,043,292	4,459,650	8,188,561	54.46
UTAH	LM	UA/NA	2,077,201	2,077,201	7,980,542	26.03
VANDERBILT	LM+	427,557	7,189,423	7,616,980	11,435,792	66.61
VIRGINIA	GLM+	425,193	5,336,630	5,761,823	13,467,652	42.78
VIRGINIA TECH	G	24,644	4,417,080	4,441,724	7,043,044	63.07
WASHINGTON	GLM+	438,415	7,075,116	7,513,531	14,862,427	50.55
WASHINGTON STATE	BG+	47,257	4,097,898	4,145,155	6,424,476	64.52
WASHINGTON U.-ST. LOUIS	bGLM+	489,836	6,289,732	6,779,568	12,462,732	54.40
WATERLOO	G+	122,520	3,599,741	3,722,260	6,533,760	56.97
WAYNE STATE	+	441,828	7,529,660	7,971,488	9,007,142	88.50
WESTERN ONTARIO	GL+	55,569	6,922,605	6,978,173	11,637,880	59.96
WISCONSIN	GLM+	473,186	4,891,636	5,364,822	10,974,532	48.88
YALE	LM+	746,595	6,608,437	7,355,032	33,345,261	22.06
YORK	BGL+	1,651,447	4,463,680	6,115,127	10,771,539	56.77
BOSTON PUBLIC	G	46,585	1,067,944	1,114,529	6,094,328	18.29
CISTI	+	301,657	1,960,754	2,262,412	11,410,651	19.83
CENTER FOR RESEARCH LIBRARIES	+	5,512	UA/NA	5,512	1,027,460	0.54
LIBRARY OF CONGRESS	bG+	1,195,983	2,060,000	3,255,983	18,660,838	17.45

## ELECTRONIC RESOURCES EXPENDITURES

Bibl. Utilities, Networks, etc. Library Expenditures	Bibl. Utilities, Networks, etc. External Expenditures	Computer Hardware and Software Expenditures	Document Delivery/ Interlibrary Loan Expenditures	(25) (Survey Question Number)	INSTITUTION
(23.a)	(23.b)	(24)			
UA/NA	315,912	777,806	153,555		PITTSBURGH
393,649	0	1,962,175	147,973		PRINCETON
345,746	253,834	757,772	182,657		PURDUE
157,709	100,363	366,216	30,520		QUEENS
139,967	0	383,975	34,991		RICE
180,103	0	1,203,591	71,143		ROCHESTER
235,673	UA/NA	377,612	82,387		RUTGERS
101,751	UA/NA	340,202	92,576		SASKATCHEWAN
187,428	0	478,049	75,215		SOUTH CAROLINA
340,548	0	1,991,889	107,677		SOUTHERN CALIFORNIA
204,027	92,717	245,180	132,195		SOUTHERN ILLINOIS
49,916	70,516	138,046	115,038		SUNY-ALBANY
337,568	UA/NA	303,223	UA/NA		SUNY-BUFFALO
UA/NA	UA/NA	507,437	29,638		SUNY-STONY BROOK
18,722	0	369,526	106,040		SYRACUSE
147,649	9,000	948,171	142,957		TEMPLE
32,477	13,528	361,296	166,475		TENNESSEE
161,770	0	1,332,899	285,135		TEXAS
0	469,296	1,405,383	336,397		TEXAS A&M
232,582	54,750	1,784,010	55,598		TEXAS TECH
720,046	UA/NA	1,973,614	97,693		TORONTO
157,246	88,248	179,658	12,765		TULANE
231,932	1,874,004	996,062	87,030		UTAH
244,623	UA/NA	600,534	126,389		VANDERBILT
185,530	729,533	1,697,955	190,990		VIRGINIA
103,726	0	184,178	268,879		VIRGINIA TECH
265,228	139,173	380,990	240,925		WASHINGTON
105,396	76,857	217,843	30,039		WASHINGTON STATE
255,098	361	960,484	27,985		WASHINGTON U.-ST. LOUIS
16,277	0	460,740	56,577		WATERLOO
143,224	0	1,045,972	133,757		WAYNE STATE
185,814	0	341,867	12,061		WESTERN ONTARIO
363,992	408,990	1,831,951	424,355		WISCONSIN
254,864	0	939,460	230,647		YALE
76,625	UA/NA	272,787	24,420		YORK
11,288,398	23,401,050	UA/NA	UA/NA		BOSTON PUBLIC
UA/NA	UA/NA	2,254,137	UA/NA		CISTI
203,957	UA/NA	163,787	193,249		CENTER FOR RESEARCH LIBRARIES
669,623	0	17,500,000	11,000		LIBRARY OF CONGRESS

## ELECTRONIC RESOURCES EXPENDITURES

		One-time Electronic Resource Purchases	Ongoing Electronic Resource Purchases	Total Electronic Resource Purchases	Total Library Materials Expenditures	Electronic Resources as a % of Library Materials Budget
(Survey Question Number)		(21)	(22)	(21 + 22)	(15)	
INSTITUTION	Notes					
NATIONAL AGRICULTURAL LIBRARY	bG+	67,833	2,473,923	2,541,756	3,786,097	67.13
LIBRARY & ARCHIVES CANADA	G+	UA/NA	38,460	38,460	1,805,837	2.13
NATIONAL LIBRARY OF MEDICINE	G+	2,513	152,963	155,476	9,053,656	1.72
NEW YORK PUBLIC	+	UA/NA	2,893,110	2,893,110	15,224,911	19.00
NEW YORK STATE	G+	0	449,200	449,200	4,270,000	10.52
SMITHSONIAN	G+	139,505	165,357	304,862	1,560,755	19.53
+ - See Footnotes		G - Government documents not included in serials count		U / A - Unavailable		
L - Includes Law library		B - Includes branch campuses		N / A - Not Applicable		
M- Includes Medical library		b - Basis of volume count is bibliographic		. - no data supplied		

## SUMMARY DATA

	One-time Electronic Resource Purchases	Ongoing Electronic Resource Purchases	Total Electronic Resource Purchases	Total Library Materials Expenditures	Electronic Resources as a % of Library Materials Budget
(Survey Question Number)	(21)	(22)	(21 + 22)	(15)	
<b>UNIVERSITY LIBRARIES</b>					
Mean	676,574	5,042,162	5,655,026	11,421,020	51.46
Median	410,202	4,899,366	5,410,421	10,388,129	53.06
High	8,300,095	10,227,659	14,521,604	34,291,329	88.50
Low	0	1,836,463	1,960,241	3,823,732	22.06
Totals	73,070,024	554,637,844	627,707,869	1,290,575,224	
Number of Libraries Reporting	108	110	111	113	111
<b>NONUNIVERSITY LIBRARIES</b>					
Median	57,209	1,067,944	781,865	5,182,164	17.87
Totals	1,759,588	11,261,711	13,021,299	72,894,534	
Number of Libraries Reporting	8	9	10	10	10
<b>GRAND TOTALS</b>	74,829,612	565,899,555	640,729,168	1,363,469,758	

## ELECTRONIC RESOURCES EXPENDITURES

Bibl. Utilities, Networks, etc. Library Expenditures	Bibl. Utilities, Networks, etc. External Expenditures	Computer Hardware and Software Expenditures	Document Delivery/ Interlibrary Loan Expenditures	(Survey Question Number)
(23.a)	(23.b)	(24)	(25)	
<b>INSTITUTION</b>				
0	3	536,190	599,273	NATIONAL AGRICULTURAL LIBRARY
UA/NA	UA/NA	14,871,427	11,194	LIBRARY & ARCHIVES CANADA
UA/NA	UA/NA	.	.	NATIONAL LIBRARY OF MEDICINE
278,210	UA/NA	891,922	UA/NA	NEW YORK PUBLIC
UA/NA	91,249	209,099	UA/NA	NEW YORK STATE
51,961	0	55,922	2,330	SMITHSONIAN

## SUMMARY DATA

Bibl. Utilities, Networks, etc. Library Expenditures	Bibl. Utilities, Networks, etc. External Expenditures	Computer Hardware and Software Expenditures	Document Delivery/ Interlibrary Loan Expenditures	(Survey Question Number)
(23.a)	(23.b)	(24)	(25)	
<b>UNIVERSITY LIBRARIES</b>				
229,785	242,290	722,794	129,883	Mean
184,272	54,750	529,410	111,358	Median
2,094,192	1,961,515	2,480,111	477,681	High
0	0	56,055	694	Low
23,667,883	21,079,241	79,507,314	14,027,391	Totals
103	87	110	108	Number of Libraries Reporting
<b>NONUNIVERSITY LIBRARIES</b>				
2,082,025	4,698,460	4,560,310	163,409	Median
241,084	3	714,056	11,194	Totals
6	5	8	5	Number of Libraries Reporting
36,160,032	44,571,543	115,989,798	14,844,437	<b>GRAND TOTALS</b>

## PERSONNEL AND PUBLIC SERVICES

		Professional Staff (FTE)	Support Staff (FTE)	Student Assistants (FTE)	Total Staff (FTE)	Staffed Service Points	Library Service Hours
(Survey Question Number)		(26.a)	(26.b)	(26.c)	(26)	(27)	(28)
INSTITUTION	Notes						
ALABAMA	bGLM+	70	83	49	202	22	132
ALBERTA	G+	85	213	36	334	19	103
ARIZONA	bGLM+	94	146	74	314	10	142
ARIZONA STATE	BGL+	93	195	44	332	20	149
AUBURN	bG+	46	40	31	117	11	146
BOSTON	LM+	102	97	86	285	32	108
BOSTON COLLEGE	L+	79	73	50	202	15	110
BRIGHAM YOUNG	L+	120	59	204	383	19	105
BRITISH COLUMBIA	G+	114	186	38	338	31	101
BROWN	bG+	73	101	34	208	8	112
CALIFORNIA BERKELEY	GL+	244	198	140	582	49	77
CALIFORNIA DAVIS	GLM+	59	144	46	249	16	95
CALIFORNIA IRVINE	bGM+	73	127	48	248	14	128
CALIFORNIA LOS ANGELES	LM+	169	281	147	597	30	97
CALIFORNIA RIVERSIDE	G+	49	79	31	159	14	91
CALIFORNIA SAN DIEGO	bGM+	104	193	70	367	18	114
CALIFORNIA SANTA BARBARA	G+	47	135	47	229	10	103
CASE WESTERN RESERVE	GLM+	58	45	28	131	18	104
CHICAGO	bGLM+	68	192	63	323	29	146
CINCINNATI	bGLM+	76	58	48	182	22	95
COLORADO	bGL+	58	109	49	216	13	104
COLORADO STATE	G+	51	54	25	130	7	108
COLUMBIA	GLM+	328	246	127	701	47	108
CONNECTICUT	BGLM+	86	72	49	207	20	114
CORNELL	BGL+	120	308	121	549	53	146
DARTMOUTH	GM+	60	117	28	205	19	123
DELAWARE	G+	58	105	35	198	16	100
DUKE	bLM+	185	143	35	363	19	161
EMORY	BGLM+	94	153	49	296	29	118
FLORIDA	BbGLM+	102	190	89	381	19	105
FLORIDA STATE	BbLM+	68	110	70	248	24	142
GEORGE WASHINGTON	GLM+	84	124	78	286	26	168
GEORGETOWN	bGLM+	95	116	47	258	20	107
GEORGIA	GL+	81	184	39	304	22	137
GEORGIA TECH	G+	45	70	8	123	8	135
GUELPH	BG+	54	69	21	144	12	116
HARVARD	GLM+	555	541	133	1,229	UA/NA	UA/NA
HAWAII	GLM+	92	77	67	236	16	135
HOUSTON	bL+	62	91	46	199	8	108



# PERSONNEL AND PUBLIC SERVICES

Library Presentations to Groups*	Participants in Group Presentations*	Reference Transactions*	Initial Circulation Transactions	Total Circulation Transactions	Total Items Loaned (ILL)	Total Items Borrowed (ILL)	
(29)	(30)	(31)	(32)	(33)	(34)	(35)	(Survey Question Number)
							INSTITUTION
584	11,689	58,763	193,211	243,421	12,114	9,799	ALABAMA
863	21,708	87,630	485,108	828,100	53,211	30,463	ALBERTA
2,318	33,590	42,644	291,500	459,935	55,343	36,714	ARIZONA
1,295	27,574	106,751	293,252	841,179	50,966	38,561	ARIZONA STATE
750	15,000	159,796	157,928	194,083	12,091	8,651	AUBURN
1,284	21,066	47,476	190,498	252,938	20,839	21,266	BOSTON
665	14,457	30,481	182,703	293,754	28,636	22,253	BOSTON COLLEGE
2,523	48,648	159,342	484,093	641,592	47,231	25,637	BRIGHAM YOUNG
1,496	29,253	108,538	640,701	2,608,952	22,884	22,542	BRITISH COLUMBIA
349	5,374	25,512	197,939	301,192	41,359	40,355	BROWN
2,005	31,846	114,466	748,142	911,834	42,769	21,922	CALIFORNIA BERKELEY
700	13,732	76,234	249,669	458,853	32,098	26,504	CALIFORNIA DAVIS
695	18,652	72,852	156,924	353,165	27,869	31,034	CALIFORNIA IRVINE
1,008	21,031	161,533	684,563	2,223,990	49,510	34,596	CALIFORNIA LOS ANGELES
892	13,355	26,157	133,528	230,098	18,928	14,186	CALIFORNIA RIVERSIDE
1,821	38,892	59,563	446,615	680,282	37,556	28,588	CALIFORNIA SAN DIEGO
611	11,088	65,468	243,574	399,306	24,050	37,282	CALIFORNIA SANTA BARBARA
539	6,720	18,901	116,599	193,424	52,249	35,150	CASE WESTERN RESERVE
477	6,664	25,964	326,159	565,318	50,664	22,312	CHICAGO
1,133	21,341	77,915	242,413	358,654	62,455	42,020	CINCINNATI
726	13,259	71,449	333,350	564,016	59,882	30,159	COLORADO
474	10,708	73,148	192,654	336,483	70,733	66,476	COLORADO STATE
1,363	25,344	201,408	429,272	922,081	46,893	55,114	COLUMBIA
2,249	19,167	34,177	159,022	173,899	41,259	42,188	CONNECTICUT
1,564	22,012	74,830	433,034	865,668	56,865	33,528	CORNELL
UA/NA	UA/NA	UA/NA	279,711	362,250	35,464	30,481	DARTMOUTH
424	7,513	104,932	UA/NA	372,683	17,207	23,688	DELAWARE
1,186	12,862	137,488	433,208	642,487	33,879	30,179	DUKE
1,220	15,723	57,709	207,102	534,329	36,602	21,068	EMORY
739	20,866	102,000	419,151	700,074	25,472	28,823	FLORIDA
913	15,976	87,692	272,599	386,637	18,785	14,990	FLORIDA STATE
1,317	20,827	36,464	174,114	294,072	32,010	53,439	GEORGE WASHINGTON
1,211	13,586	76,730	273,968	423,602	37,306	24,366	GEORGETOWN
1,266	15,763	61,731	286,878	435,650	42,723	6,862	GEORGIA
289	6,302	8,178	105,790	105,790	10,598	12,062	GEORGIA TECH
329	10,939	17,140	161,093	428,200	45,774	54,470	GUELPH
UA/NA	UA/NA	UA/NA	UA/NA	1,986,380	44,808	12,877	HARVARD
345	6,145	45,449	248,979	449,698	6,246	31,778	HAWAII
355	7,282	29,210	118,197	198,410	26,008	18,395	HOUSTON

## PERSONNEL AND PUBLIC SERVICES

		Professional Staff (FTE)	Support Staff (FTE)	Student Assistants (FTE)	Total Staff (FTE)	Staffed Service Points	Library Service Hours
(Survey Question Number)		(26.a)	(26.b)	(26.c)	(26)	(27)	(28)
INSTITUTION	Notes						
HOWARD	bLM+	50	67	59	176	24	112
ILLINOIS CHICAGO	M+	71	104	28	203	27	102
ILLINOIS URBANA	bGL+	199	194	119	512	42	144
INDIANA	GLM+	173	181	116	470	48	168
IOWA	bLM+	98	125	58	281	17	113
IOWA STATE	G+	52	88	34	174	12	105
JOHNS HOPKINS	BbG+	136	139	42	317	31	120
KANSAS	BbLM+	103	108	71	282	10	140
KENT STATE	BbG+	56	36	192	284	13	99
KENTUCKY	GLM+	91	136	59	286	22	135
LAVAL	G+	60	153	1	214	18	88
LOUISIANA STATE	GLM+	52	101	39	192	15	113
LOUISVILLE	BbG+	53	95	40	188	14	168
MCGILL	BbGLM+	83	172	39	294	31	86
MCMASTER	GM+	45	95	23	163	13	120
MANITOBA	G+	64	145	24	233	32	100
MARYLAND	G	119	95	44	258	8	140
MASSACHUSETTS	G+	56	73	61	190	14	142
MIT	G+	103	94	17	214	11	104
MIAMI	bGLM+	82	133	62	277	21	122
MICHIGAN	GLM+	169	305	96	570	57	168
MICHIGAN STATE	GL+	82	122	84	288	21	148
MINNESOTA	bGLM+	111	200	83	394	46	100
MISSOURI	GL+	58	110	30	198	26	114
MONTREAL	GLM+	110	258	UA/NA	368	66	97
NEBRASKA	GL+	54	106	44	204	25	96
NEW MEXICO	GLM+	70	143	54	267	19	95
NEW YORK	bGLM+	139	227	92	458	30	119
NORTH CAROLINA	GLM+	148	209	95	452	25	146
NORTH CAROLINA STATE	G+	124	105	39	268	14	146
NORTHWESTERN	BGLM+	120	140	84	344	30	126
NOTRE DAME	bGL+	70	154	36	260	19	126
OHIO	BbG+	46	70	37	153	16	146
OHIO STATE	bGLM+	143	156	171	470	28	168
OKLAHOMA	GLM+	60	97	75	232	22	117
OKLAHOMA STATE	BGM+	66	76	71	213	11	119
OREGON	bGL+	70	87	60	217	22	106
PENNSYLVANIA	GLM+	137	179	86	402	38	116
PENNSYLVANIA STATE	BGLM+	162	375	71	608	63	168

# PERSONNEL AND PUBLIC SERVICES

Library Presentations to Groups*	Participants in Group Presentations*	Reference Transactions*	Initial Circulation Transactions	Total Circulation Transactions	Total Items Loaned (ILL)	Total Items Borrowed (ILL)	
(29)	(30)	(31)	(32)	(33)	(34)	(35)	(Survey Question Number)
							INSTITUTION
294	6,296	149,962	158,712	173,121	8,481	5,560	HOWARD
753	13,994	69,160	162,886	490,423	61,975	56,349	ILLINOIS CHICAGO
1,197	21,975	179,742	489,573	981,041	93,584	78,457	ILLINOIS URBANA
1,351	32,603	147,412	669,872	770,510	50,325	44,360	INDIANA
1,168	21,342	83,755	328,790	422,053	62,404	28,607	IOWA
390	10,112	25,244	199,569	243,108	29,651	17,027	IOWA STATE
754	9,169	61,210	272,011	459,053	37,076	39,481	JOHNS HOPKINS
1,225	25,981	107,116	355,299	506,453	50,502	39,672	KANSAS
523	9,148	24,683	244,835	381,486	14,897	9,333	KENT STATE
744	7,898	34,718	198,091	262,913	32,008	24,349	KENTUCKY
739	12,468	142,931	518,540	797,309	17,842	9,720	LAVAL
801	6,433	37,028	104,482	206,871	7,381	16,916	LOUISIANA STATE
705	12,799	56,692	294,284	337,355	23,048	20,210	LOUISVILLE
1,717	5,628	127,201	525,452	881,918	21,768	16,593	MCGILL
709	16,473	40,066	261,682	331,183	15,678	12,726	MCMASTER
1,157	12,837	87,999	262,105	449,558	20,917	25,400	MANITOBA
1,062	23,253	259,320	297,813	513,464	22,215	40,713	MARYLAND
557	11,363	35,918	182,536	301,617	44,946	48,539	MASSACHUSETTS
348	7,593	32,497	188,434	347,504	19,287	17,464	MIT
1,940	22,579	75,035	169,923	237,737	41,524	13,738	MIAMI
1,269	22,200	150,010	568,180	1,432,386	59,885	42,978	MICHIGAN
983	38,957	49,351	296,148	667,563	62,153	30,895	MICHIGAN STATE
1,378	24,107	97,340	369,736	733,140	165,913	41,800	MINNESOTA
787	11,798	38,051	199,411	265,427	55,210	41,231	MISSOURI
1,059	17,142	74,747	429,291	855,891	22,041	19,917	MONTREAL
267	7,299	38,283	204,456	301,743	33,959	28,757	NEBRASKA
1,451	20,968	35,270	187,849	273,857	21,224	26,959	NEW MEXICO
1,057	17,120	107,795	506,906	900,456	33,089	36,634	NEW YORK
1,367	25,785	126,165	613,417	974,541	59,026	14,975	NORTH CAROLINA
446	11,977	32,325	228,167	358,448	14,979	22,509	NORTH CAROLINA STATE
811	9,861	71,370	203,364	316,230	36,383	28,342	NORTHWESTERN
422	6,968	20,749	206,640	362,709	29,584	24,050	NOTRE DAME
813	13,127	62,007	287,355	486,644	41,847	49,452	OHIO
1,235	21,254	73,818	407,874	1,530,016	170,711	96,771	OHIO STATE
1,003	10,581	45,373	170,743	185,367	35,148	32,030	OKLAHOMA
1,461	32,621	110,399	333,133	368,430	37,091	21,358	OKLAHOMA STATE
516	9,948	57,117	209,618	270,044	80,560	61,746	OREGON
1,222	22,485	UA/NA	416,739	538,760	74,659	83,836	PENNSYLVANIA
2,911	58,734	181,023	569,429	959,584	66,704	53,334	PENNSYLVANIA STATE

## PERSONNEL AND PUBLIC SERVICES

		Professional Staff (FTE)	Support Staff (FTE)	Student Assistants (FTE)	Total Staff (FTE)	Staffed Service Points	Library Service Hours
(Survey Question Number)		(26.a)	(26.b)	(26.c)	(26)	(27)	(28)
INSTITUTION	Notes						
PITTSBURGH	BGLM+	120	173	89	382	48	118
PRINCETON	bG+	143	225	42	410	37	116
PURDUE	G+	84	110	61	255	19	115
QUEENS	LM+	45	106	18	169	14	115
RICE	G+	57	53	12	122	12	143
ROCHESTER	bM+	95	61	57	213	17	119
RUTGERS	BGL+	100	238	81	419	34	108
SASKATCHEWAN	GLM+	52	88	11	151	13	90
SOUTH CAROLINA	LM+	74	105	99	278	20	140
SOUTHERN CALIFORNIA	BGLM+	129	133	112	374	28	159
SOUTHERN ILLINOIS	LM+	54	92	56	202	14	102
SUNY-ALBANY	G+	61	61	31	153	10	108
SUNY-BUFFALO	GLM+	106	66	78	250	15	168
SUNY-STONY BROOK	M+	90	26	31	147	13	109
SYRACUSE	GL+	63	121	32	216	18	106
TEMPLE	BbGLM+	73	91	45	209	17	108
TENNESSEE	BbGLM+	86	133	49	268	17	148
TEXAS	GL+	141	285	102	528	34	120
TEXAS A&M	BbG+	145	132	82	359	18	146
TEXAS TECH	BLM+	105	127	100	332	28	130
TORONTO	B+	184	350	139	673	82	130
TULANE	BLM+	45	76	26	147	20	118
UTAH	LM	86	187	97	370	20	123
VANDERBILT	LM+	106	105	30	241	16	147
VIRGINIA	GLM+	101	210	68	379	33	149
VIRGINIA TECH	G	38	90	31	159	9	102
WASHINGTON	GLM+	193	206	124	523	48	138
WASHINGTON STATE	BG+	57	84	35	176	19	100
WASHINGTON U.-ST. LOUIS	bGLM+	93	115	58	266	20	120
WATERLOO	G+	36	98	38	172	13	106
WAYNE STATE	+	97	86	64	247	17	142
WESTERN ONTARIO	GL+	71	111	13	195	8	105
WISCONSIN	GLM+	229	166	158	553	45	148
YALE	LM+	272	396	67	735	42	111
YORK	BGL+	62	112	57	231	20	155
BOSTON PUBLIC	G	154	304	UA/NA	458	96	168
CISTI	+	190	139	4	333	1	40
CENTER FOR RESEARCH LIBRARIES	+	30	18	13	61	2	35
LIBRARY OF CONGRESS	bG+	3,294	343	50	3,687	38	65

# PERSONNEL AND PUBLIC SERVICES

Library Presentations to Groups*	Participants in Group Presentations*	Reference Transactions*	Initial Circulation Transactions	Total Circulation Transactions	Total Items Loaned (ILL)	Total Items Borrowed (ILL)	
(29)	(30)	(31)	(32)	(33)	(34)	(35)	(Survey Question Number)
							INSTITUTION
1,441	22,758	134,523	342,950	481,766	62,936	27,305	PITTSBURGH
656	7,470	22,644	294,084	391,536	54,031	37,211	PRINCETON
404	25,302	44,560	139,737	340,046	26,430	43,940	PURDUE
756	16,288	39,841	218,296	495,052	20,064	9,722	QUEENS
183	1,854	UA/NA	134,578	227,011	12,332	9,908	RICE
609	8,816	52,229	212,176	239,623	27,420	23,921	ROCHESTER
976	20,113	88,359	272,145	595,314	43,575	35,952	RUTGERS
526	8,453	19,699	198,266	277,400	5,670	4,771	SASKATCHEWAN
698	15,786	148,446	187,325	310,215	19,696	18,538	SOUTH CAROLINA
932	14,322	61,017	328,488	539,739	24,627	20,600	SOUTHERN CALIFORNIA
804	7,211	30,657	234,992	355,930	56,952	40,037	SOUTHERN ILLINOIS
654	6,497	54,017	90,053	145,220	13,133	20,487	SUNY-ALBANY
892	22,236	22,478	194,863	429,800	34,257	24,824	SUNY-BUFFALO
563	10,189	43,641	197,092	208,857	20,820	13,198	SUNY-STONY BROOK
542	11,271	52,926	150,273	206,451	13,775	21,580	SYRACUSE
660	16,047	58,288	219,083	309,356	27,341	21,460	TEMPLE
860	15,686	93,312	266,162	330,398	35,585	25,179	TENNESSEE
605	60,003	131,492	2,105,396	2,903,181	57,999	27,822	TEXAS
712	27,079	45,750	1,044,727	1,690,414	45,798	51,805	TEXAS A&M
1,463	16,069	51,540	242,731	346,963	41,739	33,051	TEXAS TECH
3,686	56,607	534,328	1,240,474	1,750,318	28,195	8,409	TORONTO
207	3,042	14,735	110,468	156,794	16,272	10,284	TULANE
1,868	37,484	191,370	176,385	447,253	48,592	33,349	UTAH
778	20,227	27,973	212,664	350,065	25,849	20,273	VANDERBILT
1,110	10,940	115,433	490,068	871,544	39,945	30,606	VIRGINIA
840	15,765	17,711	245,517	346,346	22,192	21,936	VIRGINIA TECH
1,221	27,158	135,749	711,833	1,625,120	86,879	92,703	WASHINGTON
750	15,274	42,636	171,821	363,812	55,958	30,936	WASHINGTON STATE
1,226	11,010	73,301	237,804	501,355	50,554	48,729	WASHINGTON U.-ST. LOUIS
170	4,664	24,626	214,121	600,246	56,757	47,160	WATERLOO
463	9,691	45,799	126,204	180,054	42,491	48,058	WAYNE STATE
743	26,312	35,386	412,645	693,343	16,881	8,087	WESTERN ONTARIO
2,692	35,037	2,640	521,843	896,335	92,683	88,726	WISCONSIN
1,776	15,313	86,881	586,121	931,308	48,357	41,321	YALE
856	26,616	132,174	554,909	1,074,780	13,665	5,233	YORK
11,269	182,275	1,090,826	3,116,540	3,116,540	18,925	15,832	BOSTON PUBLIC
485	485	22,940	12,033	29,201	441,772	17,230	CISTI
43	1,706	UA/NA	93,853	93,853	29,939	4	CENTER FOR RESEARCH LIBRARIES
6,212	210,609	1,740,490	1,287,767	1,287,767	30,186	0	LIBRARY OF CONGRESS

## PERSONNEL AND PUBLIC SERVICES

		Professional Staff (FTE)	Support Staff (FTE)	Student Assistants (FTE)	Total Staff (FTE)	Staffed Service Points	Library Service Hours
(Survey Question Number)		(26.a)	(26.b)	(26.c)	(26)	(27)	(28)
INSTITUTION	Notes						
NATIONAL AGRICULTURAL LIBRARY	bG+	130	66	0	196	13	40
LIBRARY & ARCHIVES CANADA	G+	683	412	25	1,120	9	35
NATIONAL LIBRARY OF MEDICINE	G+	203	82	13	298	5	48
NEW YORK PUBLIC	+	245	306	124	675	42	46
NEW YORK STATE	G+	49	89	5	143	5	40
SMITHSONIAN	G+	57	42	0	99	32	40
+ - See Footnotes		G - Government documents not included in serials count		U / A - Unavailable			
L - Includes Law library		B - Includes branch campuses		N / A - Not Applicable			
M- Includes Medical library		b - Basis of volume count is bibliographic		. - no data supplied			

## SUMMARY DATA

	Professional Staff (FTE)	Support Staff (FTE)	Student Assistants (FTE)	Total Staff (FTE)	Staffed Service Points	Library Service Hours
(Survey Question Number)	(26.a)	(26.b)	(26.c)	(26)	(27)	(28)
<b>UNIVERSITY LIBRARIES</b>						
Mean	100	140	63	302	23	122
Median	84	116	52	258	19	118
High	555	541	204	1,229	82	168
Low	36	26	1	117	7	77
Totals	11,279	15,795	7,059	34,133	2,624	13,697
Number of Libraries Reporting	113	113	112	113	112	112
<b>NONUNIVERSITY LIBRARIES</b>						
Median	172	114	13	316	11	40
Totals	5,035	1,801	234	7,070	243	557
Number of Libraries Reporting	10	10	9	10	10	10
<b>GRAND TOTALS</b>	16,314	17,596	7,293	41,203	2,867	14,254

## PERSONNEL AND PUBLIC SERVICES

Library Presentations to Groups*	Participants in Group Presentations*	Reference Transactions*	Initial Circulation Transactions	Total Circulation Transactions	Total Items Loaned (ILL)	Total Items Borrowed (ILL)	
(29)	(30)	(31)	(32)	(33)	(34)	(35)	(Survey Question Number)
							INSTITUTION
154	30,972	13,095	3,406	4,662	14,399	2,749	NATIONAL AGRICULTURAL LIBRARY
7	UA/NA	26,548	UA/NA	249,415	36,175	1,194	LIBRARY & ARCHIVES CANADA
394	9,227	8,142	171,455	171,455	234,020	157	NATIONAL LIBRARY OF MEDICINE
561	7,689	615,986	UA/NA	UA/NA	2,243	7,279	NEW YORK PUBLIC
59	1,431	79,732	30,255	33,923	32,055	732	NEW YORK STATE
874	3,886	54,132	43,236	241,630	5,621	6,149	SMITHSONIAN

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

## SUMMARY DATA

Library Presentations to Groups	Participants in Group Presentations	Reference Transactions	Initial Circulation Transactions	Total Circulation Transactions	Total Items Loaned (ILL)	Total Items Borrowed (ILL)	
(29)	(30)	(31)	(32)	(33)	(34)	(35)	(Survey Question Number)
							UNIVERSITY LIBRARIES
990	17,815	78,631	327,684	581,516	39,792	31,068	Mean
813	15,686	61,210	248,979	423,602	36,383	28,342	Median
3,686	60,003	534,328	2,105,396	2,903,181	170,711	96,771	High
170	1,854	2,640	90,053	105,790	5,670	4,771	Low
109,892	1,977,420	8,570,764	36,372,880	65,711,337	4,496,461	3,510,687	Totals
111	111	109	111	113	113	113	Number of Libraries Reporting
							NONUNIVERSITY LIBRARIES
440	7,689	54,132	68,545	171,455	30,063	1,972	Median
20,058	448,280	3,651,891	4,758,545	5,228,446	845,335	51,326	Totals
10	9	9	8	9	10	10	Number of Libraries Reporting
129,950	2,425,700	12,222,655	41,131,425	70,939,783	5,341,796	3,562,013	GRAND TOTALS

## ANALYSIS OF SELECTED VARIABLES OF UNIVERSITY LIBRARIES, 2007–2008

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
Professional Staff as a percent of Total Staff	61.22	32.87	31.16	19.72	113
Support Staff as a percent of Total Staff	71.50	46.33	46.50	12.68	113
Student Assistant Staff as a percent of Total Staff	67.61	20.99	20.65	0.47	112
Ratio of Professional to Support Staff (excluding Student Assistant Staff)	3.46	0.79	0.67	0.35	113
Ratio of Items Loaned to Items Borrowed	6.23	1.42	1.25	0.20	113
Serials Expenditures as a percent of Total Library Materials Expenditures	90.92	68.04	69.75	16.67	113
Monograph Expenditures as a percent of Total Library Materials Expenditures	43.44	21.76	20.59	5.92	113
Total Library Materials Expenditures as a percent of Total Library Expenditures	65.31	43.05	43.10	25.59	113
Contract Binding as a percent of Total Library Expenditures	1.86	0.56	0.51	0.02	112
Salary & Wages Expenditures as a percent of Total Library Expenditures	60.20	44.53	44.48	29.09	113
Other Operating Expenditures as a percent of Total Library Expenditures	27.30	11.87	11.11	0.62	113
Unit costs of Monographs (per volume)	117.04	59.81	59.00	13.02	104
Unit costs of Serials (per title)	455.08	177.59	160.11	53.73	107
Library Expenditures per Faculty	55,054.07	18,165.07	16,395.68	7,066.98	113
Library Expenditures per Full-Time Student	7,225.89	1,365.22	1,028.28	467.61	113
Library Expenditures per Full-Time Graduate Student	19,083.87	5,671.21	5,168.77	2,436.36	113
Library Expenditures per Full-Time User	6,216.23	1,253.63	957.08	442.81	113
Library Expenditures per User	6,131.54	1,050.02	802.35	371.97	112
Library Expenditures per PhD Awarded	339,587.55	95,564.59	80,789.74	21,807.01	112
Library Staff per PhD Awarded	4.79	1.06	0.90	0.26	112
Professional Library Staff per PhD Awarded	1.50	0.34	0.29	0.09	112



# PhD, Faculty, and Enrollment Statistics \*

(Survey Question Number)	PhDs Awarded	PhD Fields	Faculty	Enrollments			
				Total FTE	Full-time **	Total Part-time**	Graduate FTE
							Full-time
	(36)	(37)	(38)		(39)	(40)	(41)
							Graduate Part-time
							(42)
INSTITUTION							
ALABAMA	154	44	913		21,642	3,289	2,281
ALBERTA	341	116	1,588		33,412	3,536	4,935
ARIZONA	388	85	1,582		31,058	6,159	6,289
ARIZONA STATE	369	59	2,410		49,441	14,953	7,980
AUBURN	196	52	1,132		20,542	3,595	1,564
BOSTON	290	60	2,736		25,789	6,264	8,583
BOSTON COLLEGE	154	36	675		11,507	2,607	2,406
BRIGHAM YOUNG	80	24	1,305		27,844	3,029	1,943
BRITISH COLUMBIA	359	91	2,504		34,052	15,525	7,177
BROWN	205	43	701		7,850	317	2,060
CALIFORNIA BERKELEY	865	89	1,501		32,742	1,438	8,879
CALIFORNIA DAVIS	484	70	1,963		29,169	1,516	6,601
CALIFORNIA IRVINE	370	45	1,490		26,077	1,049	4,979
CALIFORNIA LOS ANGELES	752	84	2,654		37,566	1,330	10,639
CALIFORNIA RIVERSIDE	224	42	826		16,733	454	2,177
CALIFORNIA SAN DIEGO	-1	72	1,644		26,861	827	5,535
CALIFORNIA SANTA BARBARA	346	46	983		20,933	477	2,973
CASE WESTERN RESERVE	205	57	601		7,588	2,256	3,592
CHICAGO	395	66	1,633		11,853	2,685	6,996
CINCINNATI	316	60	1,209		22,298	7,021	5,349
COLORADO	301	45	1,259		25,959	5,837	2,000
COLORADO STATE	206	43	974		21,885	5,684	2,527
COLUMBIA	505	105	2,116		24,558	5,439	15,813
CONNECTICUT	339	69	1,766		28,677	5,347	4,777
CORNELL	476	83	1,728		19,763	37	6,268
DARTMOUTH	70	15	777		5,746	103	1,637
DELAWARE	208	39	1,117		17,679	2,663	2,514
DUKE	352	44	990		13,005	297	6,744
EMORY	212	42	1,807		11,681	889	5,040
FLORIDA	858	124	2,020		40,914	5,849	10,246
FLORIDA STATE	732	72	1,912		34,137	6,865	4,635
GEORGE WASHINGTON	106	27	1,162		15,769	9,309	7,689
GEORGETOWN	100	36	845		13,072	2,246	6,266
GEORGIA	391	73	1,733		29,273	4,558	4,325
GEORGIA TECH	467	48	863		16,832	1,910	5,103
GUELPH	110	(1)	840		17,503	1,685	2,101
HARVARD	534	74	2,517		19,513	6,177	12,377
HAWAII	192	51	1,319		13,832	2,203	3,139
HOUSTON	262	36	1,293		25,551	10,553	4,920
HOWARD	101	29	1,091		9,643	1,090	3,426
ILLINOIS CHICAGO	572	118	1,157		17,039	4,664	3,361
ILLINOIS URBANA	759	91	2,309		40,399	1,156	10,195

# PhD, FACULTY, AND ENROLLMENT STATISTICS \*

(Survey Question Number)	PhDs Awarded (36)	PhD Fields (37)	Faculty (38)	ENROLLMENTS				Graduate FTE Full-time (41)	Graduate Part-time (42)
				Total FTE	Full-time **	Total Part-time**			
				(39)	(40)				
INSTITUTION									
INDIANA	370	83	2,006		34,426	4,564	6,336		2,960
IOWA	358	67	1,312		23,558	5,570	4,889		3,332
IOWA STATE	308	82	1,346		22,762	3,398	2,600		2,064
JOHNS HOPKINS	424	58	1,371		11,963	8,017	6,595		7,680
KANSAS	327	76	1,724		22,797	5,772	4,226		3,515
KENT STATE	115	59	881		17,754	5,065	2,329		2,400
KENTUCKY	308	56	1,268		22,187	3,669	5,408		1,678
LAVAL	297	66	1,454		25,519	11,535	5,283		4,308
LOUISIANA STATE	237	55	1,438		27,019	2,789	4,100		1,203
LOUISVILLE	135	30	1,550		17,214	5,628	6,564		.
MCGILL	394	10	3,442		32,410	5,798	10,177		1,901
MCMASTER	231	54	1,772		25,172	4,089	3,517		724
MANITOBA	98	47	1,341		21,254	5,080	2,487		803
MARYLAND	655	70	3,502		30,594	5,390	6,844		3,313
MASSACHUSETTS	250	50	1,180		21,055	5,305	2,058		3,762
MIT	599	36	967		9,956	264	5,837		211
MIAMI	116	41	920		14,209	1,240	4,532		538
MICHIGAN	710	118	3,751		38,096	2,946	12,917		2,042
MICHIGAN STATE	458	112	1,983		41,962	5,644	8,476		2,793
MINNESOTA	775	100	1,763		36,448	14,395	9,397		9,192
MISSOURI	286	65	1,206		23,448	4,292	3,164		2,990
MONTREAL	378	86	1,903		38,417	16,257	10,762		3,990
NEBRASKA	255	41	1,223		19,428	3,520	2,671		2,224
NEW MEXICO	185	42	1,814		18,449	7,948	2,591		2,346
NEW YORK	432	74	3,615		31,848	9,935	11,934		8,522
NORTH CAROLINA	600	69	1,600		23,788	4,779	6,738		3,934
NORTH CAROLINA STATE	328	56	1,723		24,989	6,813	4,265		3,392
NORTHWESTERN	438	59	2,936		15,781	3,240	7,531		2,113
NOTRE DAME	185	23	890		11,609	124	3,250		112
OHIO	162	57	1,074		23,276	3,965	2,571		786
OHIO STATE	759	103	3,047		52,336	8,011	10,495		3,162
OKLAHOMA	192	57	2,117		24,046	6,090	5,715		3,061
OKLAHOMA STATE	129	42	1,159		22,654	10,359	1,515		2,847
OREGON	123	42	815		16,870	3,506	2,909		786
PENNSYLVANIA	450	75	1,395		19,816	4,164	9,653		2,450
PENNSYLVANIA STATE	658	117	5,466		70,005	9,993	6,900		3,542
PITTSBURGH	392	68	4,224		29,496	4,989	7,174		2,961
PRINCETON	307	57	825		7,225	(1)	2,380		(1)
PURDUE	595	57	2,097		35,551	3,553	5,861		2,055
QUEENS	140	38	834		17,217	3,499	3,135		380
RICE	186	30	611		5,036	125	2,051		93
ROCHESTER	220	44	1,944		7,744	1,590	2,905		1,298

## PhD, Faculty, and Enrollment Statistics \*

	PhDs Awarded	PhD Fields	Faculty	Enrollments			
				Total FTE Full-time **	Total Part-time**	Graduate FTE Full-time	Graduate Part-time
(Survey Question Number)	(36)	(37)	(38)	(39)	(40)	(41)	(42)
<b>INSTITUTION</b>							
RUTGERS	377	56	2,167	39,272	11,244	6,275	7,037
SASKATCHEWAN	104	55	1,026	15,270	4,368	2,188	299
SOUTH CAROLINA	251	61	1,705	21,969	5,303	4,722	3,723
SOUTHERN CALIFORNIA	442	82	3,108	29,124	4,284	13,440	3,584
SOUTHERN ILLINOIS	141	36	915	16,898	4,085	2,409	2,381
SUNY-ALBANY	150	39	672	14,800	3,402	2,411	2,545
SUNY-BUFFALO	394	76	1,193	23,579	4,475	6,062	3,213
SUNY-STONY BROOK	306	38	919	16,629	3,430	3,205	2,434
SYRACUSE	142	45	978	16,417	2,667	3,926	1,955
TEMPLE	414	53	1,750	27,679	7,365	4,887	4,304
TENNESSEE	355	72	1,576	26,195	3,741	6,302	2,265
TEXAS	890	82	2,687	45,599	4,571	10,988	1,723
TEXAS A&M	594	92	2,345	43,493	5,493	7,643	2,096
TEXAS TECH	198	56	1,781	26,195	4,276	4,495	1,744
TORONTO	698	98	2,676	62,202	8,368	11,539	1,969
TULANE	132	44	653	8,369	1,702	2,547	460
UTAH	281	55	1,248	19,452	8,573	3,958	1,654
VANDERBILT	253	46	2,541	11,319	774	4,735	721
VIRGINIA	377	46	1,172	20,493	3,764	6,231	2,948
VIRGINIA TECH	341	53	1,371	27,539	3,200	4,462	2,710
WASHINGTON	631	80	3,728	36,365	8,379	9,603	2,989
WASHINGTON STATE	189	45	1,178	20,169	4,227	2,065	1,265
WASHINGTON U.-ST. LOUIS	235	56	784	11,010	2,372	4,869	1,260
WATERLOO	193	43	915	22,459	1,883	3,023	611
WAYNE STATE	214	59	1,775	18,468	13,912	5,823	5,412
WESTERN ONTARIO	217	50	1,357	24,745	3,418	4,063	461
WISCONSIN	755	107	2,054	37,224	4,817	9,345	2,078
YALE	358	60	1,831	11,273	181	5,984	159
YORK	149	29	1,520	42,279	9,540	3,720	2,022

### SUMMARY DATA

(Survey Question Number)	(36)	(37)	(38)	(39)	(40)	(41)	(42)
Median	308	57	1,454	22,654	4,196	4,889	2,078
High	890	124	5,466	70,005	16,257	15,813	9,192
Low	70	10	601	5,036	37	1,515	22
Totals	38,692	6,791	186,759	2,729,256	529,612	619,703	255,760
Number of Libraries Reporting	112	112	113	113	112	113	111

\* - Figures were reported on the ARL questionnaire and have not been verified with the US NCES IPEDS survey.

\*\* - Includes both undergraduate and graduate students.

UA/NA - Unavailable or Not Applicable



**RANK ORDER TABLES OF UNIVERSITY LIBRARIES**  
**2007–2008**

## SUMMARY OF RANK ORDER TABLES FOR UNIVERSITY LIBRARIES, 2007–2008

The table below presents the rank for each university library in each of the 21 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	Number of Libraries
1	VOLUMES IN LIBRARY	113
2	VOLUMES ADDED (GROSS)	113
3	CURRENT SERIALS (TOTAL)	113
4	MICROFORM UNITS	110
5	GOVERNMENT DOCUMENTS	100
6	TOTAL LIBRARY MATERIALS EXPENDITURES	113
7	TOTAL SALARIES & WAGES EXPENDITURES	113
8	OTHER OPERATING EXPENDITURES	113
9	TOTAL LIBRARY EXPENDITURES	113
10	MONOGRAPHS PURCHASED (VOLUMES)	102
11	EXPENDITURES FOR MONOGRAPHS	113
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ALABAMA	82	80	41	63	12	90	93	71	92	57	95	48	69	107	103	71	91	84	91	60	92
ALBERTA	16	11	84	74	68	12	18	3	10	UA	11	72	15	26	50	56	14	34	1	2	12
ARIZONA	23	59	13	26	UA	34	39	15	32	48	35	4	38	23	35	46	37	39	20	31	32
ARIZONA STATE	35	47	17	10	21	43	42	47	41	25	44	18	39	28	32	48	20	35	43	56	43
AUBURN	74	99	100	93	44	110	113	84	112	99	110	104	98	108	107	106	111	113	75	3	111
BOSTON	87	102	70	45	UA	66	66	65	69	97	87	39	45	89	80	38	76	46	101	98	69
BOSTON COLLEGE	98	95	106	59	46	72	70	98	78	59	82	97	95	70	74	63	96	84	72	53	75
BRIGHAM YOUNG	41	10	42	71	30	44	43	45	43	4	28	24	42	36	62	24	106	22	64	79	41
BRITISH COLUMBIA	21	26	48	41	68	22	28	36	26	UA	26	19	13	82	71	29	26	33	16	64	25
BROWN	46	44	61	103	68	81	67	68	75	31	62	59	87	49	28	66	73	79	79	54	74
CALIFORNIA BERKELEY	5	8	16	12	25	7	5	12	5	UA	4	6	12	43	76	4	19	7	32	104	5
CALIFORNIA DAVIS	52	41	65	56	52	86	53	82	72	UA	48	61	103	65	61	86	39	61	85	50	73
CALIFORNIA IRVINE	75	51	82	91	50	65	60	56	63	51	37	81	65	72	45	66	50	62	74	69	63
CALIFORNIA LOS ANGELES	11	27	29	28	53	21	6	5	6	18	7	UA	40	33	39	11	8	6	70	105	6
CALIFORNIA RIVERSIDE	96	87	11	99	38	107	84	93	100	74	90	12	104	94	95	104	92	101	108	91	101
CALIFORNIA SAN DIEGO	64	31	80	82	68	62	27	33	34	40	40	82	64	52	56	35	22	29	62	43	34
CALIFORNIA SANTA BARBARA	78	94	102	73	28	106	71	19	73	63	65	89	109	80	33	105	45	70	105	76	79
CASE WESTERN RESERVE	89	110	46	95	58	100	106	104	107	100	108	25	86	27	38	87	110	109	99	61	106
CHICAGO	10	3	27	85	UA	9	35	39	27	6	9	68	4	29	73	75	23	37	46	102	28
CINCINNATI	54	38	19	81	57	59	78	77	74	53	45	13	57	11	23	64	107	94	52	45	72
COLORADO	44	35	73	14	10	51	72	87	66	55	53	67	54	16	52	87	64	72	28	24	68
COLORADO STATE	111	78	103	110	UA	101	102	58	99	70	86	98	102	8	6	102	108	110	87	14	99
COLUMBIA	6	1	1	23	49	4	4	10	4	1	10	3	1	37	9	2	10	3	2	81	4
CONNECTICUT	45	105	57	54	68	71	29	66	45	88	103	84	59	50	22	53	98	80	56	23	45
CORNELL	12	25	9	6	68	19	10	8	9	UA	6	UA	41	20	40	24	5	10	22	85	11
DARTMOUTH	86	71	43	94	68	76	75	96	82	60	71	21	56	59	49	83	56	81	63	28	82
DELAWARE	88	96	107	80	29	77	83	75	84	65	51	100	81	97	70	87	68	88	53	18	83
DUKE	22	34	52	55	5	14	26	34	23	12	13	49	19	63	51	8	40	30	13	73	20
EMORY	62	42	75	27	43	23	32	37	30	29	12	73	99	56	81	46	35	41	80	107	29
FLORIDA	36	66	39	8	6	36	31	69	37	44	85	51	17	78	53	38	24	24	48	80	37
FLORIDA STATE	85	73	53	4	14	85	91	111	95	36	89	57	90	95	93	75	61	62	60	9	94
GEORGE WASHINGTON	108	77	25	89	68	57	62	51	58	77	41	17	75	66	11	57	53	44	107	110	57
GEORGETOWN	76	36	58	65	60	47	47	55	46	43	43	36	46	53	66	44	57	57	88	95	46
GEORGIA	32	48	22	18	8	40	59	59	54	34	46	28	37	44	110	62	27	40	38	47	53
GEORGIA TECH	97	93	91	47	68	105	111	103	108	103	109	105	106	109	100	108	99	111	89	7	108
GUELPH	113	113	113	98	68	108	98	102	106	93	78	107	111	39	10	95	101	108	97	12	107
HARVARD	1	2	3	2	UA	1	1	1	1	UA	1	UA	26	41	98	1	1	1	11	109	1
HAWAII	58	81	71	78	68	92	68	97	86	84	81	64	85	112	44	50	93	66	100	71	86
HOUSTON	92	65	34	32	19	74	104	27	79	76	67	56	70	76	88	80	83	87	76	62	81
HOWARD	100	112	109	57	62	113	108	106	113	104	113	101	112	110	111	103	102	95	110	49	113
ILLINOIS CHICAGO	101	37	92	58	15	69	81	64	80	46	88	69	105	14	8	69	72	83	77	66	78
ILLINOIS URBANA	3	7	4	3	68	28	12	30	18	11	33	2	22	3	5	6	21	13	45	89	18
INDIANA	9	16	63	16	35	15	21	22	19	9	8	45	31	32	19	10	28	14	31	90	19
IOWA	30	12	66	UA	UA	30	40	86	39	15	47	62	18	12	55	42	52	49	39	77	38
IOWA STATE	95	91	47	77	68	67	89	80	83	62	69	52	55	68	90	99	86	97	36	5	84

TABLE NUMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
JOHNS HOPKINS	47	101	6	52	66	26	51	42	35	72	58	9	10	55	31	21	43	38	71	101	36
KANSAS	37	72	54	75	18	63	55	61	62	26	56	46	79	31	30	36	65	48	67	63	62
KENT STATE	84	74	62	UA	68	112	112	53	111	98	106	23	113	102	106	93	112	47	UA	UA	112
KENTUCKY	49	45	32	21	9	56	77	57	65	41	75	80	66	67	67	51	44	44	41	30	66
LAVAL	80	57	101	109	68	58	57	112	68	45	39	88	51	96	105	83	35	74	50	44	67
LOUISIANA STATE	40	100	7	5	23	91	103	94	102	54	60	5	93	111	91	99	73	91	86	33	102
LOUISVILLE	110	60	79	101	UA	68	101	46	81	69	104	33	100	81	85	98	78	93	102	99	80
MCGILL	34	43	30	104	16	18	30	31	25	2	14	22	14	86	92	59	31	42	8	42	26
MCMASTER	106	14	77	106	68	83	85	91	87	56	101	66	83	100	99	108	78	100	61	13	88
MANITOBA	105	64	98	108	45	82	46	76	64	30	57	92	80	88	63	78	38	67	84	58	65
MARYLAND	50	33	95	33	47	60	36	73	51	50	76	95	48	83	27	28	78	57	35	16	49
MASSACHUSETTS	56	83	93	96	68	102	88	78	94	91	100	86	97	40	16	93	96	92	83	6	95
MIT	79	55	78	97	UA	75	34	49	50	79	74	74	60	93	89	36	81	74	58	26	50
MIAMI	66	53	31	66	68	32	63	32	42	37	30	16	21	48	96	60	46	51	24	59	42
MICHIGAN	8	20	40	UA	68	6	7	25	7	8	15	UA	2	15	21	11	6	8	15	94	7
MICHIGAN STATE	29	46	8	17	UA	46	48	60	47	24	50	11	35	13	47	60	54	43	37	37	47
MINNESOTA	17	28	20	13	2	13	19	16	17	39	23	29	5	2	24	30	18	21	12	72	17
MISSOURI	59	89	99	7	3	80	100	81	91	73	102	94	77	24	26	87	61	88	40	4	91
MONTREAL	70	67	64	107	68	45	20	101	33	28	61	37	28	85	86	31	9	28	27	29	33
NEBRASKA	69	88	94	46	24	95	92	92	96	101	111	77	67	62	54	95	66	82	106	100	96
NEW MEXICO	90	84	38	44	22	78	44	48	55	87	80	30	62	87	60	71	40	54	59	20	59
NEW YORK	28	32	44	35	27	16	14	11	12	21	19	58	8	64	36	19	12	16	6	39	13
NORTH CAROLINA	18	24	59	42	4	17	16	17	15	10	29	76	24	17	94	14	16	17	65	106	15
NORTH CAROLINA STATE	42	23	55	38	68	61	50	9	38	61	64	85	61	101	72	23	68	52	94	93	39
NORTHWESTERN	31	52	24	49	61	29	38	54	36	47	22	54	30	57	57	24	42	32	21	57	35
NOTRE DAME	61	54	21	67	68	39	54	70	56	32	17	20	63	69	68	71	34	56	33	38	54
OHIO	81	62	96	102	UA	109	107	100	109	66	91	91	110	46	14	106	99	103	103	65	110
OHIO STATE	19	18	12	30	67	33	25	6	20	13	27	8	32	1	1	16	33	14	30	68	22
OKLAHOMA	27	4	51	51	56	27	96	74	60	58	25	35	33	60	43	83	76	68	78	103	58
OKLAHOMA STATE	83	58	76	50	48	98	82	67	90	80	79	60	92	54	79	77	94	76	UA	UA	90
OREGON	77	69	88	61	41	99	86	72	93	81	72	75	108	6	7	71	88	71	104	88	93
PENNSYLVANIA	20	29	33	62	UA	20	23	18	22	UA	21	10	16	7	4	20	29	20	25	83	21
PENNSYLVANIA STATE	26	13	14	15	68	8	8	23	8	16	20	7	3	9	12	13	3	5	3	32	8
PITTSBURGH	24	19	67	39	68	25	37	35	31	UA	36	41	27	10	59	24	30	23	4	11	30
PRINCETON	15	17	81	20	63	5	17	24	11	7	5	40	11	25	34	16	13	19	10	92	10
PURDUE	99	90	97	86	26	54	49	38	48	92	77	87	58	75	20	57	61	59	34	22	48
QUEENS	94	92	72	69	7	64	76	89	77	67	73	47	50	91	104	108	66	99	49	27	76
RICE	93	82	37	84	55	49	110	110	89	42	18	26	73	106	102	91	109	112	73	87	87
ROCHESTER	51	98	108	43	31	89	69	13	59	82	98	96	72	73	69	44	104	76	98	82	61
RUTGERS	33	50	35	31	1	55	15	63	29	83	84	44	47	42	37	41	11	18	66	75	31
SASKATCHEWAN	112	107	105	87	32	73	87	99	85	85	55	99	68	113	113	99	86	105	54	19	85
SOUTH CAROLINA	55	85	49	40	11	87	79	44	76	90	83	103	74	92	87	65	68	50	69	21	77
SOUTHERN CALIFORNIA	39	70	5	24	40	48	22	4	21	23	34	14	44	79	82	22	46	26	44	55	23
SOUTHERN ILLINOIS	73	103	86	48	37	97	95	90	98	94	107	71	78	19	29	95	82	84	93	40	97
SUNY-ALBANY	109	39	74	90	68	111	97	113	110	95	105	50	107	105	83	82	104	103	111	96	109



TABLE NUMBER	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
SUNY-BUFFALO	48	49	23	29	68	79	52	83	71	75	92	27	53	61	65	32	103	60	55	15	70
SUNY-STONY BROOK	107	111	50	72	36	93	99	108	103	102	112	32	94	90	97	52	113	106	92	41	100
SYRACUSE	71	109	104	11	39	96	74	85	88	86	94	93	91	103	77	79	55	72	95	51	89
TEMPLE	68	61	60	83	59	41	80	50	61	35	52	55	84	74	78	66	83	78	29	35	60
TENNESSEE	65	63	83	53	65	37	61	95	57	49	54	79	25	58	64	53	46	52	51	78	55
TEXAS	7	15	69	19	68	10	13	21	13	33	24	70	20	18	58	18	7	11	9	74	9
TEXAS A&M	43	9	18	34	54	11	41	26	28	14	16	34	9	38	13	15	49	31	7	52	27
TEXAS TECH	91	76	45	92	64	50	64	29	49	22	38	38	52	47	42	34	50	35	68	84	52
TORONTO	4	5	28	37	UA	3	3	14	3	5	3	43	6	71	108	9	4	4	5	97	3
TULANE	67	30	36	100	51	84	109	109	104	38	66	53	76	99	101	108	94	106	81	46	104
UTAH	63	75	85	76	13	88	33	43	53	UA	63	90	82	34	41	53	25	27	109	108	56
VANDERBILT	60	68	87	88	42	42	58	52	52	64	68	83	23	77	84	32	68	65	17	8	51
VIRGINIA	25	40	10	36	20	31	24	20	24	19	31	63	36	51	48	40	15	25	47	86	24
VIRGINIA TECH	102	106	112	25	33	94	105	105	105	89	99	106	89	84	75	112	85	101	82	17	105
WASHINGTON	14	22	56	9	68	24	11	41	16	27	32	UA	7	5	2	7	17	12	18	67	16
WASHINGTON STATE	103	104	110	68	68	104	94	88	101	96	97	UA	96	22	46	91	90	95	90	10	103
WASHINGTON U.-ST. LOUIS	38	56	15	79	68	35	56	28	40	71	70	15	34	30	15	48	58	55	26	48	40
WATERLOO	104	108	111	105	68	103	90	79	97	17	93	102	101	21	18	113	75	98	96	34	98
WAYNE STATE	53	97	90	70	34	70	65	62	70	78	96	78	49	45	17	43	89	64	14	1	71
WESTERN ONTARIO	57	86	68	64	68	38	73	107	67	68	49	31	29	98	109	69	60	90	23	25	64
WISCONSIN	13	21	26	22	17	52	9	7	14	20	59	42	71	4	3	5	32	9	57	70	14
YALE	2	6	2	1	68	2	2	2	2	3	2	1	88	35	25	3	2	2	19	111	2
YORK	72	79	89	60	UA	53	45	40	44	52	42	65	43	104	112	80	59	69	42	36	44

UA - Unavailable

# RANK ORDER TABLE 1: VOLUMES IN LIBRARY

RANK	INSTITUTION	VALUE
1	HARVARD	16,250,117
2	YALE	12,519,514
3	ILLINOIS URBANA	11,686,060
4	TORONTO	11,186,488
5	CALIFORNIA BERKELEY	11,087,687
6	COLUMBIA	10,296,816
7	TEXAS	9,447,434
8	MICHIGAN	9,175,102
9	INDIANA	8,723,253
10	CHICAGO	8,597,159
11	CALIFORNIA LOS ANGELES	8,393,910
12	CORNELL	8,141,781
13	WISCONSIN	8,059,335
14	WASHINGTON	7,409,221
15	PRINCETON	6,941,254
16	ALBERTA	6,890,679
17	MINNESOTA	6,877,699
18	NORTH CAROLINA	6,526,824
19	OHIO STATE	6,285,446
20	PENNSYLVANIA	6,096,592
21	BRITISH COLUMBIA	6,040,261
22	DUKE	5,950,442
23	ARIZONA	5,722,280
24	PITTSBURGH	5,657,403
25	VIRGINIA	5,532,266
26	PENNSYLVANIA STATE	5,354,645
27	OKLAHOMA	5,299,924
28	NEW YORK	5,073,286
29	MICHIGAN STATE	4,994,033
30	IOWA	4,949,636
31	NORTHWESTERN	4,842,949
32	GEORGIA	4,637,291
33	RUTGERS	4,529,396
34	MCGILL	4,498,389
35	ARIZONA STATE	4,422,239
36	FLORIDA	4,288,118
37	KANSAS	4,235,542
38	WASHINGTON U.-ST. LOUIS	4,224,113
39	SOUTHERN CALIFORNIA	4,084,284
40	LOUISIANA STATE	4,082,803
41	BRIGHAM YOUNG	4,080,079
42	NORTH CAROLINA STATE	3,981,278
43	TEXAS A&M	3,933,535
44	COLORADO	3,928,431
45	CONNECTICUT	3,919,423
46	BROWN	3,825,413
47	JOHNS HOPKINS	3,740,029
48	SUNY-BUFFALO	3,720,113
49	KENTUCKY	3,719,548
50	MARYLAND	3,716,860
51	ROCHESTER	3,701,241
52	CALIFORNIA DAVIS	3,683,867
53	WAYNE STATE	3,660,642
54	CINCINNATI	3,631,658
55	SOUTH CAROLINA	3,629,954
56	MASSACHUSETTS	3,578,753
57	WESTERN ONTARIO	3,546,496

RANK	INSTITUTION	VALUE
58	HAWAII	3,533,671
59	MISSOURI	3,494,470
60	VANDERBILT	3,440,317
61	NOTRE DAME	3,393,290
62	EMORY	3,377,140
63	UTAH	3,373,141
64	CALIFORNIA SAN DIEGO	3,372,785
65	TENNESSEE	3,289,447
66	MIAMI	3,265,503
67	TULANE	3,257,609
68	TEMPLE	3,205,539
69	NEBRASKA	3,204,060
70	MONTREAL	3,183,053
71	SYRACUSE	3,174,700
72	YORK	3,151,882
73	SOUTHERN ILLINOIS	3,099,151
74	AUBURN	3,053,468
75	CALIFORNIA IRVINE	3,049,706
76	GEORGETOWN	3,041,624
77	OREGON	2,959,739
78	CALIFORNIA SANTA BARBARA	2,948,999
79	MIT	2,914,052
80	LAVAL	2,894,709
81	OHIO	2,893,238
82	ALABAMA	2,892,166
83	OKLAHOMA STATE	2,867,680
84	KENT STATE	2,853,965
85	FLORIDA STATE	2,844,624
86	DARTMOUTH	2,785,925
87	BOSTON	2,783,137
88	DELAWARE	2,779,271
89	CASE WESTERN RESERVE	2,751,662
90	NEW MEXICO	2,737,747
91	TEXAS TECH	2,617,844
92	HOUSTON	2,617,282
93	RICE	2,570,768
94	QUEENS	2,542,264
95	IOWA STATE	2,529,921
96	CALIFORNIA RIVERSIDE	2,527,607
97	GEORGIA TECH	2,524,671
98	BOSTON COLLEGE	2,512,605
99	PURDUE	2,509,158
100	HOWARD	2,455,985
101	ILLINOIS CHICAGO	2,447,459
102	VIRGINIA TECH	2,331,055
103	WASHINGTON STATE	2,326,652
104	WATERLOO	2,286,415
105	MANITOBA	2,284,284
106	MCMASTER	2,280,435
107	SUNY-STONY BROOK	2,257,590
108	GEORGE WASHINGTON	2,238,894
109	SUNY-ALBANY	2,225,241
110	LOUISVILLE	2,191,091
111	COLORADO STATE	2,045,603
112	SASKATCHEWAN	2,029,016
113	GUELPH	1,853,628

## RANK ORDER TABLE 2: VOLUMES ADDED (GROSS)

RANK	INSTITUTION	VALUE
1	COLUMBIA	547,346
2	HARVARD	319,547
3	CHICAGO	277,507
4	OKLAHOMA	257,137
5	TORONTO	247,666
6	YALE	238,862
7	ILLINOIS URBANA	208,659
8	CALIFORNIA BERKELEY	207,779
9	TEXAS A&M	206,223
10	BRIGHAM YOUNG	187,005
11	ALBERTA	186,313
12	IOWA	185,900
13	PENNSYLVANIA STATE	184,457
14	MCMASTER	178,927
15	TEXAS	178,892
16	INDIANA	174,417
17	PRINCETON	174,320
18	OHIO STATE	161,118
19	PITTSBURGH	160,722
20	MICHIGAN	146,729
21	WISCONSIN	139,835
22	WASHINGTON	139,683
23	NORTH CAROLINA STATE	126,853
24	NORTH CAROLINA	126,279
25	CORNELL	126,058
26	BRITISH COLUMBIA	122,887
27	CALIFORNIA LOS ANGELES	121,136
28	MINNESOTA	120,523
29	PENNSYLVANIA	113,609
30	TULANE	113,591
31	CALIFORNIA SAN DIEGO	108,073
32	NEW YORK	107,390
33	MARYLAND	105,517
34	DUKE	105,419
35	COLORADO	98,800
36	GEORGETOWN	98,442
37	ILLINOIS CHICAGO	97,904
38	CINCINNATI	95,810
39	SUNY-ALBANY	92,459
40	VIRGINIA	91,904
41	CALIFORNIA DAVIS	91,692
42	EMORY	89,560
43	MCGILL	89,015
44	BROWN	87,499
45	KENTUCKY	85,805
46	MICHIGAN STATE	85,666
47	ARIZONA STATE	84,467
48	GEORGIA	83,468
49	SUNY-BUFFALO	82,074
50	RUTGERS	81,114
51	CALIFORNIA IRVINE	79,732
52	NORTHWESTERN	79,608
53	MIAMI	76,116
54	NOTRE DAME	75,659
55	MIT	75,469
56	WASHINGTON U.-ST. LOUIS	74,408
57	LAVAL	73,125

RANK	INSTITUTION	VALUE
58	OKLAHOMA STATE	71,378
59	ARIZONA	69,004
60	LOUISVILLE	68,955
61	TEMPLE	68,903
62	OHIO	67,904
63	TENNESSEE	67,867
64	MANITOBA	67,745
65	HOUSTON	66,505
66	FLORIDA	65,257
67	MONTREAL	62,208
68	VANDERBILT	59,525
69	OREGON	58,993
70	SOUTHERN CALIFORNIA	58,810
71	DARTMOUTH	58,147
72	KANSAS	56,777
73	FLORIDA STATE	55,821
74	KENT STATE	55,781
75	UTAH	55,501
76	TEXAS TECH	54,715
77	GEORGE WASHINGTON	54,595
78	COLORADO STATE	53,932
79	YORK	53,699
80	ALABAMA	53,470
81	HAWAII	52,882
82	RICE	52,881
83	MASSACHUSETTS	52,701
84	NEW MEXICO	51,768
85	SOUTH CAROLINA	50,393
86	WESTERN ONTARIO	50,007
87	CALIFORNIA RIVERSIDE	49,797
88	NEBRASKA	49,588
89	MISSOURI	45,462
90	PURDUE	43,874
91	IOWA STATE	43,326
92	QUEEN'S	42,383
93	GEORGIA TECH	41,514
94	CALIFORNIA SANTA BARBARA	40,432
95	BOSTON COLLEGE	40,325
96	DELAWARE	39,898
97	WAYNE STATE	39,045
98	ROCHESTER	38,465
99	AUBURN	38,068
100	LOUISIANA STATE	37,946
101	JOHNS HOPKINS	37,223
102	BOSTON	35,581
103	SOUTHERN ILLINOIS	35,178
104	WASHINGTON STATE	35,166
105	CONNECTICUT	34,095
106	VIRGINIA TECH	33,780
107	SASKATCHEWAN	31,988
108	WATERLOO	30,818
109	SYRACUSE	30,585
110	CASE WESTERN RESERVE	26,072
111	SUNY-STONY BROOK	25,594
112	HOWARD	24,428
113	GUELPH	23,025

### RANK ORDER TABLE 3: CURRENT SERIALS (TOTAL)

RANK	INSTITUTION	VALUE
1	COLUMBIA	133,831
2	YALE	110,802
3	HARVARD	110,628
4	ILLINOIS URBANA	110,299
5	SOUTHERN CALIFORNIA	105,744
6	JOHNS HOPKINS	105,453
7	LOUISIANA STATE	101,738
8	MICHIGAN STATE	98,469
9	CORNELL	98,000
10	VIRGINIA	97,800
11	CALIFORNIA RIVERSIDE	89,811
12	OHIO STATE	89,239
13	ARIZONA	88,737
14	PENNSYLVANIA STATE	88,668
15	WASHINGTON U.-ST. LOUIS	88,635
16	CALIFORNIA BERKELEY	87,876
17	ARIZONA STATE	87,566
18	TEXAS A&M	86,737
19	CINCINNATI	86,363
20	MINNESOTA	85,075
21	NOTRE DAME	82,866
22	GEORGIA	80,748
23	SUNY-BUFFALO	80,431
24	NORTHWESTERN	77,933
25	GEORGE WASHINGTON	76,810
26	WISCONSIN	76,808
27	CHICAGO	76,607
28	TORONTO	76,473
29	CALIFORNIA LOS ANGELES	76,248
30	MCGILL	75,328
31	MIAMI	74,775
32	KENTUCKY	73,251
33	PENNSYLVANIA	73,248
34	HOUSTON	72,775
35	RUTGERS	72,623
36	TULANE	72,564
37	RICE	72,352
38	NEW MEXICO	71,416
39	FLORIDA	71,336
40	MICHIGAN	69,457
41	ALABAMA	69,426
42	BRIGHAM YOUNG	69,361
43	DARTMOUTH	68,661
44	NEW YORK	67,960
45	TEXAS TECH	66,750
46	CASE WESTERN RESERVE	66,625
47	IOWA STATE	66,195
48	BRITISH COLUMBIA	64,669
49	SOUTH CAROLINA	63,715
50	SUNY-STONY BROOK	63,423
51	OKLAHOMA	63,407
52	DUKE	62,639
53	FLORIDA STATE	62,093
54	KANSAS	62,016
55	NORTH CAROLINA STATE	61,990
56	WASHINGTON	61,979
57	CONNECTICUT	61,812

RANK	INSTITUTION	VALUE
58	GEORGETOWN	61,257
59	NORTH CAROLINA	60,713
60	TEMPLE	60,586
61	BROWN	60,499
62	KENT STATE	60,015
63	INDIANA	59,924
64	MONTREAL	59,574
65	CALIFORNIA DAVIS	59,463
66	IOWA	59,442
67	PITTSBURGH	59,141
68	WESTERN ONTARIO	58,715
69	TEXAS	56,991
70	BOSTON	56,113
71	HAWAII	55,925
72	QUEEN'S	55,646
73	COLORADO	55,519
74	SUNY-ALBANY	54,874
75	EMORY	54,295
76	OKLAHOMA STATE	53,799
77	MCMASTER	53,584
78	MIT	53,548
79	LOUISVILLE	53,461
80	CALIFORNIA SAN DIEGO	52,535
81	PRINCETON	51,746
82	CALIFORNIA IRVINE	51,623
83	TENNESSEE	50,552
84	ALBERTA	50,281
85	UTAH	48,777
86	SOUTHERN ILLINOIS	47,871
87	VANDERBILT	47,211
88	OREGON	46,650
89	YORK	46,539
90	WAYNE STATE	45,400
91	GEORGIA TECH	44,875
92	ILLINOIS CHICAGO	44,614
93	MASSACHUSETTS	43,906
94	NEBRASKA	42,589
95	MARYLAND	42,393
96	OHIO	41,741
97	PURDUE	40,094
98	MANITOBA	39,332
99	MISSOURI	38,364
100	AUBURN	37,980
101	LAVAL	37,701
102	CALIFORNIA SANTA BARBARA	36,990
103	COLORADO STATE	36,133
104	SYRACUSE	34,443
105	SASKATCHEWAN	32,157
106	BOSTON COLLEGE	31,465
107	DELAWARE	29,246
108	ROCHESTER	28,637
109	HOWARD	26,687
110	WASHINGTON STATE	25,264
111	WATERLOO	23,705
112	VIRGINIA TECH	22,765
113	GUELPH	11,986

# RANK ORDER TABLE 4: MICROFORM UNITS

RANK	INSTITUTION	VALUE
1	YALE	10,269,372
2	HARVARD	9,814,796
3	ILLINOIS URBANA	9,636,471
4	FLORIDA STATE	9,109,694
5	LOUISIANA STATE	9,014,560
6	CORNELL	8,507,563
7	MISSOURI	8,118,672
8	FLORIDA	7,901,639
9	WASHINGTON	7,788,178
10	ARIZONA STATE	7,588,679
11	SYRACUSE	7,491,672
12	CALIFORNIA BERKELEY	7,128,372
13	MINNESOTA	7,008,203
14	COLORADO	6,993,960
15	PENNSYLVANIA STATE	6,933,343
16	INDIANA	6,882,420
17	MICHIGAN STATE	6,776,737
18	GEORGIA	6,632,493
19	TEXAS	6,628,794
20	PRINCETON	6,550,035
21	KENTUCKY	6,471,766
22	WISCONSIN	6,350,062
23	COLUMBIA	6,345,302
24	SOUTHERN CALIFORNIA	6,329,276
25	VIRGINIA TECH	6,323,119
26	ARIZONA	6,282,673
27	EMORY	6,254,488
28	CALIFORNIA LOS ANGELES	6,218,665
29	SUNY-BUFFALO	6,120,752
30	OHIO STATE	6,059,429
31	RUTGERS	6,048,708
32	HOUSTON	5,985,299
33	MARYLAND	5,832,845
34	TEXAS A&M	5,686,474
35	NEW YORK	5,561,308
36	VIRGINIA	5,536,709
37	TORONTO	5,491,412
38	NORTH CAROLINA STATE	5,446,201
39	PITTSBURGH	5,442,379
40	SOUTH CAROLINA	5,357,428
41	BRITISH COLUMBIA	5,291,774
42	NORTH CAROLINA	5,142,758
43	ROCHESTER	5,120,381
44	NEW MEXICO	4,721,312
45	BOSTON	4,700,124
46	NEBRASKA	4,687,095
47	GEORGIA TECH	4,627,573
48	SOUTHERN ILLINOIS	4,601,724
49	NORTHWESTERN	4,554,601
50	OKLAHOMA STATE	4,533,703
51	OKLAHOMA	4,465,689
52	JOHNS HOPKINS	4,394,653
53	TENNESSEE	4,389,259
54	CONNECTICUT	4,320,791
55	DUKE	4,313,350
56	CALIFORNIA DAVIS	4,241,335
57	HOWARD	4,234,651

RANK	INSTITUTION	VALUE
58	ILLINOIS CHICAGO	4,197,939
59	BOSTON COLLEGE	4,190,134
60	YORK	4,187,860
61	OREGON	4,159,767
62	PENNSYLVANIA	4,147,587
63	ALABAMA	4,096,093
64	WESTERN ONTARIO	4,062,350
65	GEORGETOWN	4,026,834
66	MIAMI	3,993,799
67	NOTRE DAME	3,958,901
68	WASHINGTON STATE	3,938,825
69	QUEEN'S	3,923,674
70	WAYNE STATE	3,896,048
71	BRIGHAM YOUNG	3,874,728
72	SUNY-STONY BROOK	3,837,217
73	CALIFORNIA SANTA BARBARA	3,771,838
74	ALBERTA	3,738,979
75	KANSAS	3,657,049
76	UTAH	3,638,146
77	IOWA STATE	3,521,259
78	HAWAII	3,517,793
79	WASHINGTON U.-ST. LOUIS	3,448,834
80	DELAWARE	3,443,953
81	CINCINNATI	3,371,800
82	CALIFORNIA SAN DIEGO	3,309,102
83	TEMPLE	3,308,050
84	RICE	3,276,520
85	CHICAGO	3,114,979
86	PURDUE	3,104,959
87	SASKATCHEWAN	3,087,965
88	VANDERBILT	3,044,268
89	GEORGE WASHINGTON	2,946,196
90	SUNY-ALBANY	2,896,185
91	CALIFORNIA IRVINE	2,893,477
92	TEXAS TECH	2,726,735
93	AUBURN	2,718,458
94	DARTMOUTH	2,605,009
95	CASE WESTERN RESERVE	2,601,135
96	MASSACHUSETTS	2,584,531
97	MIT	2,416,804
98	GUELPH	2,346,336
99	CALIFORNIA RIVERSIDE	2,280,683
100	TULANE	2,252,124
101	LOUISVILLE	2,219,718
102	OHIO	2,000,195
103	BROWN	1,966,000
104	MCGILL	1,848,185
105	WATERLOO	1,710,239
106	MCMASTER	1,599,937
107	MONTREAL	1,547,142
108	MANITOBA	1,473,614
109	LAVAL	1,299,734
110	COLORADO STATE	1,159,032
	IOWA	UA/NA
	KENT STATE	UA/NA
	MICHIGAN	UA/NA

**RANK ORDER TABLE 5: GOVERNMENT DOCUMENTS**

RANK	INSTITUTION	VALUE
1	RUTGERS	2,668,634
2	MINNESOTA	2,640,164
3	MISSOURI	1,681,883
4	NORTH CAROLINA	1,625,932
5	DUKE	1,257,457
6	FLORIDA	1,241,342
7	QUEENS	1,114,838
8	GEORGIA	1,066,004
9	KENTUCKY	1,036,210
10	COLORADO	963,779
11	SOUTH CAROLINA	944,768
12	ALABAMA	926,705
13	UTAH	898,343
14	FLORIDA STATE	857,378
15	ILLINOIS CHICAGO	793,177
16	MCGILL	784,146
17	WISCONSIN	757,805
18	KANSAS	739,024
19	HOUSTON	680,971
20	VIRGINIA	674,257
21	ARIZONA STATE	664,596
22	NEW MEXICO	663,556
23	LOUISIANA STATE	590,485
24	NEBRASKA	552,672
25	CALIFORNIA BERKELEY	492,722
26	PURDUE	485,929
27	NEW YORK	482,172
28	CALIFORNIA SANTA BARBARA	451,767
29	DELAWARE	451,186
30	BRIGHAM YOUNG	423,514
31	ROCHESTER	419,912
32	SASKATCHEWAN	414,618
33	VIRGINIA TECH	399,525
34	WAYNE STATE	388,182
35	INDIANA	383,266
36	SUNY-STONY BROOK	347,884
37	SOUTHERN ILLINOIS	312,699
38	CALIFORNIA RIVERSIDE	299,797
39	SYRACUSE	291,548
40	SOUTHERN CALIFORNIA	271,720
41	OREGON	268,640
42	VANDERBILT	263,092
43	EMORY	256,899
44	AUBURN	237,752
45	MANITOBA	222,243
46	BOSTON COLLEGE	215,703
47	MARYLAND	199,706
48	OKLAHOMA STATE	180,337
49	COLUMBIA	175,665
50	CALIFORNIA IRVINE	152,779
51	TULANE	94,550
52	CALIFORNIA DAVIS	79,264
53	CALIFORNIA LOS ANGELES	72,716
54	TEXAS A&M	65,519
55	RICE	55,896
56	OKLAHOMA	35,360
57	CINCINNATI	30,140

RANK	INSTITUTION	VALUE
58	CASE WESTERN RESERVE	29,017
59	TEMPLE	24,766
60	GEORGETOWN	9,385
61	NORTHWESTERN	7,808
62	HOWARD	6,759
63	PRINCETON	4,646
64	TEXAS TECH	4,222
65	TENNESSEE	4,158
66	JOHNS HOPKINS	1,324
67	OHIO STATE	832
68	ALBERTA	0
68	BRITISH COLUMBIA	0
68	BROWN	0
68	CALIFORNIA SAN DIEGO	0
68	CONNECTICUT	0
68	CORNELL	0
68	DARTMOUTH	0
68	GEORGE WASHINGTON	0
68	GEORGIA TECH	0
68	GUELPH	0
68	HAWAII	0
68	ILLINOIS URBANA	0
68	IOWA STATE	0
68	KENT STATE	0
68	LAVAL	0
68	MCMASTER	0
68	MASSACHUSETTS	0
68	MIAMI	0
68	MICHIGAN	0
68	MONTREAL	0
68	NORTH CAROLINA STATE	0
68	NOTRE DAME	0
68	PENNSYLVANIA STATE	0
68	PITTSBURGH	0
68	SUNY-ALBANY	0
68	SUNY-BUFFALO	0
68	TEXAS	0
68	WASHINGTON	0
68	WASHINGTON STATE	0
68	WASHINGTON U.-ST. LOUIS	0
68	WATERLOO	0
68	WESTERN ONTARIO	0
68	YALE	0
	ARIZONA	UA/NA
	BOSTON	UA/NA
	CHICAGO	UA/NA
	COLORADO STATE	UA/NA
	HARVARD	UA/NA
	IOWA	UA/NA
	LOUISVILLE	UA/NA
	MIT	UA/NA
	MICHIGAN STATE	UA/NA
	OHIO	UA/NA
	PENNSYLVANIA	UA/NA
	TORONTO	UA/NA
	YORK	UA/NA



# RANK ORDER TABLE 6: TOTAL LIBRARY MATERIALS EXPENDITURES

RANK	INSTITUTION	VALUE
1	HARVARD	34,291,329
2	YALE	33,345,261
3	TORONTO	25,822,409
4	COLUMBIA	23,685,056
5	PRINCETON	21,197,104
6	MICHIGAN	20,525,876
7	CALIFORNIA BERKELEY	20,118,847
8	PENNSYLVANIA STATE	17,826,123
9	CHICAGO	17,704,138
10	TEXAS	17,615,691
11	TEXAS A&M	17,002,600
12	ALBERTA	16,880,131
13	MINNESOTA	16,578,284
14	DUKE	16,507,634
15	INDIANA	16,504,866
16	NEW YORK	16,498,536
17	NORTH CAROLINA	16,322,573
18	MCGILL	16,085,628
19	CORNELL	15,843,247
20	PENNSYLVANIA	15,168,859
21	CALIFORNIA LOS ANGELES	15,000,546
22	BRITISH COLUMBIA	14,917,231
23	EMORY	14,902,358
24	WASHINGTON	14,862,427
25	PITTSBURGH	14,857,024
26	JOHNS HOPKINS	14,824,216
27	OKLAHOMA	14,081,833
28	ILLINOIS URBANA	14,065,662
29	NORTHWESTERN	13,596,926
30	IOWA	13,590,872
31	VIRGINIA	13,467,652
32	MIAMI	13,213,588
33	OHIO STATE	13,178,838
34	ARIZONA	12,627,388
35	WASHINGTON U.-ST. LOUIS	12,462,732
36	FLORIDA	12,427,750
37	TENNESSEE	12,210,020
38	WESTERN ONTARIO	11,637,880
39	NOTRE DAME	11,606,437
40	GEORGIA	11,605,489
41	TEMPLE	11,602,950
42	VANDERBILT	11,435,792
43	ARIZONA STATE	11,433,551
44	BRIGHAM YOUNG	11,307,847
45	MONTREAL	11,294,805
46	MICHIGAN STATE	11,267,304
47	GEORGETOWN	11,242,786
48	SOUTHERN CALIFORNIA	11,132,454
49	RICE	11,128,043
50	TEXAS TECH	11,079,689
51	COLORADO	11,014,761
52	WISCONSIN	10,974,532
53	YORK	10,771,539
54	PURDUE	10,580,220
55	RUTGERS	10,454,644
56	KENTUCKY	10,416,077
57	GEORGE WASHINGTON	10,388,129

RANK	INSTITUTION	VALUE
58	LAVAL	10,374,866
59	CINCINNATI	10,283,685
60	MARYLAND	10,097,607
61	NORTH CAROLINA STATE	9,809,078
62	CALIFORNIA SAN DIEGO	9,583,762
63	KANSAS	9,581,850
64	QUEEN'S	9,543,294
65	CALIFORNIA IRVINE	9,508,339
66	BOSTON	9,468,057
67	IOWA STATE	9,359,327
68	LOUISVILLE	9,206,025
69	ILLINOIS CHICAGO	9,128,496
70	WAYNE STATE	9,007,142
71	CONNECTICUT	8,984,063
72	BOSTON COLLEGE	8,979,309
73	SASKATCHEWAN	8,942,165
74	HOUSTON	8,911,877
75	MIT	8,886,555
76	DARTMOUTH	8,871,179
77	DELAWARE	8,809,088
78	NEW MEXICO	8,676,839
79	SUNY-BUFFALO	8,653,954
80	MISSOURI	8,515,580
81	BROWN	8,494,260
82	MANITOBA	8,330,789
83	MCMASTER	8,261,937
84	TULANE	8,188,561
85	FLORIDA STATE	8,183,466
86	CALIFORNIA DAVIS	8,113,229
87	SOUTH CAROLINA	8,051,804
88	UTAH	7,980,542
89	ROCHESTER	7,809,582
90	ALABAMA	7,688,246
91	LOUISIANA STATE	7,386,879
92	HAWAII	7,165,800
93	SUNY-STONY BROOK	7,111,135
94	VIRGINIA TECH	7,043,044
95	NEBRASKA	7,039,988
96	SYRACUSE	7,037,903
97	SOUTHERN ILLINOIS	7,031,254
98	OKLAHOMA STATE	6,841,311
99	OREGON	6,718,280
100	CASE WESTERN RESERVE	6,702,608
101	COLORADO STATE	6,545,964
102	MASSACHUSETTS	6,545,019
103	WATERLOO	6,533,760
104	WASHINGTON STATE	6,424,476
105	GEORGIA TECH	6,205,541
106	CALIFORNIA SANTA BARBARA	5,798,983
107	CALIFORNIA RIVERSIDE	5,745,878
108	GUELPH	5,684,408
109	OHIO	5,641,009
110	AUBURN	5,629,762
111	SUNY-ALBANY	5,404,801
112	KENT STATE	4,042,951
113	HOWARD	3,823,732

## RANK ORDER TABLE 7: TOTAL SALARIES & WAGES EXPENDITURES

RANK	INSTITUTION	VALUE
1	HARVARD	62,798,140
2	YALE	35,781,076
3	TORONTO	35,661,466
4	COLUMBIA	30,654,868
5	CALIFORNIA BERKELEY	28,822,747
6	CALIFORNIA LOS ANGELES	28,197,468
7	MICHIGAN	25,853,159
8	PENNSYLVANIA STATE	24,436,622
9	WISCONSIN	23,459,430
10	CORNELL	22,666,808
11	WASHINGTON	22,029,970
12	ILLINOIS URBANA	21,011,462
13	TEXAS	20,772,654
14	NEW YORK	20,703,344
15	RUTGERS	19,524,672
16	NORTH CAROLINA	18,943,723
17	PRINCETON	18,789,083
18	ALBERTA	18,485,514
19	MINNESOTA	18,117,695
20	MONTREAL	17,935,683
21	INDIANA	17,164,613
22	SOUTHERN CALIFORNIA	17,149,316
23	PENNSYLVANIA	16,991,224
24	VIRGINIA	16,921,233
25	OHIO STATE	16,642,379
26	DUKE	16,443,967
27	CALIFORNIA SAN DIEGO	16,330,438
28	BRITISH COLUMBIA	16,006,535
29	CONNECTICUT	14,751,755
30	MCGILL	14,495,187
31	FLORIDA	13,953,783
32	EMORY	12,967,829
33	UTAH	12,876,958
34	MIT	12,686,517
35	CHICAGO	12,637,670
36	MARYLAND	12,599,615
37	PITTSBURGH	12,538,822
38	NORTHWESTERN	12,517,607
39	ARIZONA	12,447,301
40	IOWA	12,335,365
41	TEXAS A&M	12,328,831
42	ARIZONA STATE	12,265,857
43	BRIGHAM YOUNG	12,125,585
44	NEW MEXICO	12,005,115
45	YORK	11,932,252
46	MANITOBA	11,753,362
47	GEORGETOWN	11,741,152
48	MICHIGAN STATE	11,669,365
49	PURDUE	11,043,835
50	NORTH CAROLINA STATE	10,959,621
51	JOHNS HOPKINS	10,523,056
52	SUNY-BUFFALO	10,498,307
53	CALIFORNIA DAVIS	10,443,956
54	NOTRE DAME	10,306,427
55	KANSAS	10,299,504
56	WASHINGTON U.-ST. LOUIS	10,219,063
57	LAVAL	10,209,086

RANK	INSTITUTION	VALUE
58	VANDERBILT	10,159,649
59	GEORGIA	10,106,243
60	CALIFORNIA IRVINE	10,083,397
61	TENNESSEE	9,903,904
62	GEORGE WASHINGTON	9,888,770
63	MIAMI	9,641,606
64	TEXAS TECH	9,515,758
65	WAYNE STATE	9,349,366
66	BOSTON	9,170,585
67	BROWN	9,161,991
68	HAWAII	9,087,639
69	ROCHESTER	9,019,190
70	BOSTON COLLEGE	9,001,260
71	CALIFORNIA SANTA BARBARA	8,840,547
72	COLORADO	8,692,805
73	WESTERN ONTARIO	8,628,993
74	SYRACUSE	8,489,906
75	DARTMOUTH	8,440,615
76	QUEEN'S	8,417,136
77	KENTUCKY	8,256,893
78	CINCINNATI	8,004,337
79	SOUTH CAROLINA	7,974,800
80	TEMPLE	7,940,588
81	ILLINOIS CHICAGO	7,873,483
82	OKLAHOMA STATE	7,868,617
83	DELAWARE	7,824,331
84	CALIFORNIA RIVERSIDE	7,823,209
85	MCMASTER	7,739,018
86	OREGON	7,678,922
87	SASKATCHEWAN	7,637,931
88	MASSACHUSETTS	7,611,671
89	IOWA STATE	7,283,798
90	WATERLOO	7,152,770
91	FLORIDA STATE	7,089,568
92	NEBRASKA	7,050,813
93	ALABAMA	6,814,650
94	WASHINGTON STATE	6,722,459
95	SOUTHERN ILLINOIS	6,698,054
96	OKLAHOMA	6,650,965
97	SUNY-ALBANY	6,646,180
98	GUELPH	6,553,835
99	SUNY-STONY BROOK	6,390,259
100	MISSOURI	6,385,653
101	LOUISVILLE	6,275,745
102	COLORADO STATE	6,074,168
103	LOUISIANA STATE	5,798,001
104	HOUSTON	5,631,937
105	VIRGINIA TECH	5,615,708
106	CASE WESTERN RESERVE	5,565,232
107	OHIO	5,477,784
108	HOWARD	5,435,311
109	TULANE	5,195,043
110	RICE	5,146,393
111	GEORGIA TECH	5,122,524
112	KENT STATE	4,804,978
113	AUBURN	4,511,641



# RANK ORDER TABLE 8: OTHER OPERATING EXPENDITURES

RANK	INSTITUTION	VALUE
1	HARVARD	19,683,709
2	YALE	11,815,578
3	ALBERTA	11,174,043
4	SOUTHERN CALIFORNIA	9,953,703
5	CALIFORNIA LOS ANGELES	9,537,404
6	OHIO STATE	8,329,578
7	WISCONSIN	8,260,282
8	CORNELL	8,128,897
9	NORTH CAROLINA STATE	7,270,144
10	COLUMBIA	6,974,601
11	NEW YORK	6,930,149
12	CALIFORNIA BERKELEY	6,674,045
13	ROCHESTER	6,361,120
14	TORONTO	6,354,878
15	ARIZONA	6,217,440
16	MINNESOTA	5,740,315
17	NORTH CAROLINA	5,591,823
18	PENNSYLVANIA	5,534,612
19	CALIFORNIA SANTA BARBARA	5,435,713
20	VIRGINIA	5,407,540
21	TEXAS	5,259,179
22	INDIANA	5,129,811
23	PENNSYLVANIA STATE	5,021,538
24	PRINCETON	4,919,618
25	MICHIGAN	4,782,459
26	TEXAS A&M	4,705,074
27	HOUSTON	4,611,134
28	WASHINGTON U.-ST. LOUIS	4,556,365
29	TEXAS TECH	4,497,118
30	ILLINOIS URBANA	4,351,948
31	MCGILL	4,316,278
32	MIAMI	4,304,519
33	CALIFORNIA SAN DIEGO	4,282,331
34	DUKE	4,181,879
35	PITTSBURGH	4,068,526
36	BRITISH COLUMBIA	3,955,552
37	EMORY	3,932,346
38	PURDUE	3,860,300
39	CHICAGO	3,841,968
40	YORK	3,779,397
41	WASHINGTON	3,749,314
42	JOHNS HOPKINS	3,726,050
43	UTAH	3,724,178
44	SOUTH CAROLINA	3,643,160
45	BRIGHAM YOUNG	3,616,792
46	LOUISVILLE	3,564,899
47	ARIZONA STATE	3,505,023
48	NEW MEXICO	3,319,369
49	MIT	3,276,441
50	TEMPLE	3,109,273
51	GEORGE WASHINGTON	3,068,084
52	VANDERBILT	3,004,230
53	KENT STATE	2,958,811
54	NORTHWESTERN	2,857,993
55	GEORGETOWN	2,820,784
56	CALIFORNIA IRVINE	2,702,701
57	KENTUCKY	2,597,096

RANK	INSTITUTION	VALUE
58	COLORADO STATE	2,523,449
59	GEORGIA	2,485,368
60	MICHIGAN STATE	2,467,965
61	KANSAS	2,415,971
62	WAYNE STATE	2,365,219
63	RUTGERS	2,342,995
64	ILLINOIS CHICAGO	2,256,901
65	BOSTON	2,208,384
66	CONNECTICUT	2,198,984
67	OKLAHOMA STATE	2,163,237
68	BROWN	2,126,374
69	FLORIDA	2,070,900
70	NOTRE DAME	2,061,290
71	ALABAMA	2,052,276
72	OREGON	1,973,830
73	MARYLAND	1,937,553
74	OKLAHOMA	1,912,562
75	DELAWARE	1,802,698
76	MANITOBA	1,799,754
77	CINCINNATI	1,783,625
78	MASSACHUSETTS	1,741,283
79	WATERLOO	1,738,974
80	IOWA STATE	1,724,165
81	MISSOURI	1,690,135
82	CALIFORNIA DAVIS	1,677,155
83	SUNY-BUFFALO	1,567,889
84	AUBURN	1,552,088
85	SYRACUSE	1,549,946
86	IOWA	1,542,269
87	COLORADO	1,521,928
88	WASHINGTON STATE	1,517,246
89	QUEEN'S	1,502,065
90	SOUTHERN ILLINOIS	1,443,490
91	MCMASTER	1,404,406
92	NEBRASKA	1,382,252
93	CALIFORNIA RIVERSIDE	1,378,904
94	LOUISIANA STATE	1,341,854
95	TENNESSEE	1,338,868
96	DARTMOUTH	1,337,837
97	HAWAII	1,293,683
98	BOSTON COLLEGE	1,250,914
99	SASKATCHEWAN	1,248,714
100	OHIO	1,233,362
101	MONTREAL	1,205,676
102	GUELPH	1,157,100
103	GEORGIA TECH	1,066,271
104	CASE WESTERN RESERVE	1,064,181
105	VIRGINIA TECH	1,010,566
106	HOWARD	951,272
107	WESTERN ONTARIO	934,680
108	SUNY-STONY BROOK	749,058
109	TULANE	748,643
110	RICE	714,789
111	FLORIDA STATE	644,076
112	LAVAL	607,324
113	SUNY-ALBANY	75,884

# **RANK ORDER TABLE 9: TOTAL LIBRARY EXPENDITURES**

RANK	INSTITUTION	VALUE
1	HARVARD	117,884,297
2	YALE	81,457,470
3	TORONTO	68,154,539
4	COLUMBIA	61,949,877
5	CALIFORNIA BERKELEY	56,670,387
6	CALIFORNIA LOS ANGELES	53,153,870
7	MICHIGAN	51,599,110
8	PENNSYLVANIA STATE	47,686,386
9	CORNELL	46,797,533
10	ALBERTA	46,622,403
11	PRINCETON	45,419,609
12	NEW YORK	44,602,730
13	TEXAS	43,850,006
14	WISCONSIN	42,879,223
15	NORTH CAROLINA	41,123,515
16	WASHINGTON	40,854,830
17	MINNESOTA	40,734,045
18	ILLINOIS URBANA	39,714,492
19	INDIANA	39,018,150
20	OHIO STATE	38,473,238
21	SOUTHERN CALIFORNIA	38,393,209
22	PENNSYLVANIA	38,011,711
23	DUKE	37,330,588
24	VIRGINIA	35,929,803
25	MCGILL	35,143,367
26	BRITISH COLUMBIA	35,014,948
27	CHICAGO	34,585,402
28	TEXAS A&M	34,149,651
29	RUTGERS	32,434,060
30	EMORY	31,936,414
31	PITTSBURGH	31,660,109
32	ARIZONA	31,355,788
33	MONTREAL	30,576,387
34	CALIFORNIA SAN DIEGO	30,461,462
35	JOHNS HOPKINS	29,150,588
36	NORTHWESTERN	29,147,141
37	FLORIDA	28,573,302
38	NORTH CAROLINA STATE	28,249,762
39	IOWA	27,620,248
40	WASHINGTON U.-ST. LOUIS	27,347,597
41	ARIZONA STATE	27,342,037
42	MIAMI	27,250,844
43	BRIGHAM YOUNG	27,167,004
44	YORK	26,661,107
45	CONNECTICUT	26,099,917
46	GEORGETOWN	25,913,015
47	MICHIGAN STATE	25,606,985
48	PURDUE	25,573,918
49	TEXAS TECH	25,184,730
50	MIT	25,046,632
51	MARYLAND	24,748,579
52	VANDERBILT	24,727,583
53	UTAH	24,695,844
54	GEORGIA	24,451,142
55	NEW MEXICO	24,084,535
56	NOTRE DAME	24,077,230
57	TENNESSEE	23,556,230

RANK	INSTITUTION	VALUE
58	GEORGE WASHINGTON	23,490,425
59	ROCHESTER	23,301,685
60	OKLAHOMA	22,863,907
61	TEMPLE	22,794,168
62	KANSAS	22,432,493
63	CALIFORNIA IRVINE	22,359,838
64	MANITOBA	22,044,012
65	KENTUCKY	21,414,484
66	COLORADO	21,337,928
67	WESTERN ONTARIO	21,317,718
68	LAVAL	21,267,530
69	BOSTON	21,007,389
70	WAYNE STATE	20,801,616
71	SUNY-BUFFALO	20,787,929
72	CALIFORNIA DAVIS	20,387,728
73	CALIFORNIA SANTA BARBARA	20,227,792
74	CINCINNATI	20,205,911
75	BROWN	19,861,584
76	SOUTH CAROLINA	19,742,585
77	QUEEN'S	19,548,008
78	BOSTON COLLEGE	19,328,235
79	HOUSTON	19,286,301
80	ILLINOIS CHICAGO	19,258,880
81	LOUISVILLE	19,154,127
82	DARTMOUTH	18,767,039
83	IOWA STATE	18,494,395
84	DELAWARE	18,478,586
85	SASKATCHEWAN	17,901,568
86	HAWAII	17,690,130
87	MCMASTER	17,409,428
88	SYRACUSE	17,128,985
89	RICE	17,039,305
90	OKLAHOMA STATE	16,942,310
91	MISSOURI	16,694,070
92	ALABAMA	16,623,179
93	OREGON	16,477,261
94	MASSACHUSETTS	15,995,789
95	FLORIDA STATE	15,962,728
96	NEBRASKA	15,617,134
97	WATERLOO	15,475,270
98	SOUTHERN ILLINOIS	15,297,899
99	COLORADO STATE	15,187,932
100	CALIFORNIA RIVERSIDE	15,129,803
101	WASHINGTON STATE	14,709,942
102	LOUISIANA STATE	14,576,026
103	SUNY-STONY BROOK	14,311,031
104	TULANE	14,177,339
105	VIRGINIA TECH	13,720,067
106	GUELPH	13,429,656
107	CASE WESTERN RESERVE	13,401,474
108	GEORGIA TECH	12,432,754
109	OHIO	12,390,474
110	SUNY-ALBANY	12,183,367
111	KENT STATE	11,883,778
112	AUBURN	11,741,607
113	HOWARD	10,273,315

**RANK ORDER TABLE 10: MONOGRAPHS PURCHASED (VOLUMES)**

RANK	INSTITUTION	VALUE
1	COLUMBIA	468,515
2	MCGILL	378,866
3	YALE	167,433
4	BRIGHAM YOUNG	153,553
5	TORONTO	127,855
6	CHICAGO	125,542
7	PRINCETON	103,438
8	MICHIGAN	99,784
9	INDIANA	85,681
10	NORTH CAROLINA	73,359
11	ILLINOIS URBANA	72,722
12	DUKE	67,879
13	OHIO STATE	67,611
14	TEXAS A&M	64,803
15	IOWA	61,470
16	PENNSYLVANIA STATE	59,330
17	WATERLOO	57,664
18	CALIFORNIA LOS ANGELES	56,557
19	VIRGINIA	56,260
20	WISCONSIN	55,530
21	NEW YORK	55,503
22	TEXAS TECH	53,560
23	SOUTHERN CALIFORNIA	53,374
24	MICHIGAN STATE	52,719
25	ARIZONA STATE	52,392
26	KANSAS	51,625
27	WASHINGTON	51,043
28	MONTREAL	50,515
29	EMORY	50,483
30	MANITOBA	50,404
31	BROWN	49,939
32	NOTRE DAME	49,727
33	TEXAS	48,857
34	GEORGIA	48,717
35	TEMPLE	47,318
36	FLORIDA STATE	45,911
37	MIAMI	45,768
38	TULANE	43,740
39	MINNESOTA	43,115
40	CALIFORNIA SAN DIEGO	42,823
41	KENTUCKY	42,529
42	RICE	42,064
43	GEORGETOWN	41,525
44	FLORIDA	41,448
45	LAVAL	40,357
46	ILLINOIS CHICAGO	39,349
47	NORTHWESTERN	38,867
48	ARIZONA	37,870
49	TENNESSEE	37,010
50	MARYLAND	36,951
51	CALIFORNIA IRVINE	35,890
52	YORK	34,848
53	CINCINNATI	33,903
54	LOUISIANA STATE	33,655
55	COLORADO	33,104
56	MCMASTER	32,843
57	ALABAMA	32,646

RANK	INSTITUTION	VALUE
58	OKLAHOMA	30,327
59	BOSTON COLLEGE	29,728
60	DARTMOUTH	29,420
61	NORTH CAROLINA STATE	29,085
62	IOWA STATE	28,436
63	CALIFORNIA SANTA BARBARA	28,273
64	VANDERBILT	28,145
65	DELAWARE	27,944
66	OHIO	27,809
67	QUEEN'S	27,734
68	WESTERN ONTARIO	27,642
69	LOUISVILLE	27,300
70	COLORADO STATE	26,797
71	WASHINGTON U.-ST. LOUIS	26,689
72	JOHNS HOPKINS	26,671
73	MISSOURI	26,196
74	CALIFORNIA RIVERSIDE	25,318
75	SUNY-BUFFALO	25,253
76	HOUSTON	25,062
77	GEORGE WASHINGTON	24,738
78	WAYNE STATE	23,615
79	MIT	23,268
80	OKLAHOMA STATE	22,598
81	OREGON	22,450
82	ROCHESTER	21,476
83	RUTGERS	21,183
84	HAWAII	21,005
85	SASKATCHEWAN	20,877
86	SYRACUSE	20,601
87	NEW MEXICO	20,116
88	CONNECTICUT	19,975
89	VIRGINIA TECH	19,391
90	SOUTH CAROLINA	18,830
91	MASSACHUSETTS	18,771
92	PURDUE	18,324
93	GUELPH	17,399
94	SOUTHERN ILLINOIS	17,299
95	SUNY-ALBANY	16,845
96	WASHINGTON STATE	15,383
97	BOSTON	15,001
98	KENT STATE	14,724
99	AUBURN	12,224
100	CASE WESTERN RESERVE	10,339
101	NEBRASKA	8,302
102	SUNY-STONY BROOK	8,061
103	GEORGIA TECH	7,926
104	HOWARD	4,496
	ALBERTA	UA/NA
	BRITISH COLUMBIA	UA/NA
	CALIFORNIA BERKELEY	UA/NA
	CALIFORNIA DAVIS	UA/NA
	CORNELL	UA/NA
	HARVARD	UA/NA
	PENNSYLVANIA	UA/NA
	PITTSBURGH	UA/NA
	UTAH	UA/NA

**RANK ORDER TABLE 11: EXPENDITURES FOR MONOGRAPHS**

RANK	INSTITUTION	VALUE
1	HARVARD	13,455,145
2	YALE	11,741,599
3	TORONTO	8,349,661
4	CALIFORNIA BERKELEY	8,117,984
5	PRINCETON	7,721,342
6	CORNELL	6,761,733
7	CALIFORNIA LOS ANGELES	6,516,528
8	INDIANA	6,427,271
9	CHICAGO	6,144,425
10	COLUMBIA	6,098,651
11	ALBERTA	6,087,053
12	EMORY	5,908,477
13	DUKE	5,413,023
14	MCGILL	5,210,714
15	MICHIGAN	5,186,157
16	TEXAS A&M	5,180,137
17	NOTRE DAME	4,979,282
18	RICE	4,210,131
19	NEW YORK	4,017,073
20	PENNSYLVANIA STATE	3,946,715
21	PENNSYLVANIA	3,734,557
22	NORTHWESTERN	3,631,003
23	MINNESOTA	3,436,528
24	TEXAS	3,349,386
25	OKLAHOMA	3,313,871
26	BRITISH COLUMBIA	3,296,520
27	OHIO STATE	3,232,837
28	BRIGHAM YOUNG	3,178,353
29	NORTH CAROLINA	3,158,630
30	MIAMI	3,147,172
31	VIRGINIA	3,117,556
32	WASHINGTON	3,085,456
33	ILLINOIS URBANA	2,895,921
34	SOUTHERN CALIFORNIA	2,874,283
35	ARIZONA	2,857,568
36	PITTSBURGH	2,785,410
37	CALIFORNIA IRVINE	2,739,752
38	TEXAS TECH	2,707,128
39	LAVAL	2,706,726
40	CALIFORNIA SAN DIEGO	2,668,605
41	GEORGE WASHINGTON	2,634,298
42	YORK	2,577,912
43	GEORGETOWN	2,467,328
44	ARIZONA STATE	2,457,075
45	CINCINNATI	2,451,165
46	GEORGIA	2,405,117
47	IOWA	2,352,587
48	CALIFORNIA DAVIS	2,297,876
49	WESTERN ONTARIO	2,266,855
50	MICHIGAN STATE	2,244,634
51	DELAWARE	2,217,605
52	TEMPLE	2,216,053
53	COLORADO	2,171,442
54	TENNESSEE	2,132,077
55	SASKATCHEWAN	2,130,561
56	KANSAS	2,084,991
57	MANITOBA	2,037,195

RANK	INSTITUTION	VALUE
58	JOHNS HOPKINS	2,030,703
59	WISCONSIN	2,017,313
60	LOUISIANA STATE	1,993,211
61	MONTREAL	1,976,784
62	BROWN	1,934,956
63	UTAH	1,924,324
64	NORTH CAROLINA STATE	1,862,181
65	CALIFORNIA SANTA BARBARA	1,836,596
66	TULANE	1,770,102
67	HOUSTON	1,760,006
68	VANDERBILT	1,747,797
69	IOWA STATE	1,719,386
70	WASHINGTON U.-ST. LOUIS	1,695,048
71	DARTMOUTH	1,681,053
72	OREGON	1,675,671
73	QUEEN'S	1,630,058
74	MIT	1,624,976
75	KENTUCKY	1,624,478
76	MARYLAND	1,588,899
77	PURDUE	1,447,270
78	GUELPH	1,418,595
79	OKLAHOMA STATE	1,402,560
80	NEW MEXICO	1,377,722
81	HAWAII	1,375,014
82	BOSTON COLLEGE	1,368,393
83	SOUTH CAROLINA	1,357,022
84	RUTGERS	1,352,783
85	FLORIDA	1,348,788
86	COLORADO STATE	1,322,568
87	BOSTON	1,305,954
88	ILLINOIS CHICAGO	1,292,036
89	FLORIDA STATE	1,287,909
90	CALIFORNIA RIVERSIDE	1,282,122
91	OHIO	1,277,551
92	SUNY-BUFFALO	1,273,433
93	WATERLOO	1,267,256
94	SYRACUSE	1,258,269
95	ALABAMA	1,241,164
96	WAYNE STATE	1,181,664
97	WASHINGTON STATE	1,162,960
98	ROCHESTER	1,161,236
99	VIRGINIA TECH	1,126,563
100	MASSACHUSETTS	1,084,359
101	MCMASTER	1,058,438
102	MISSOURI	1,029,157
103	CONNECTICUT	956,188
104	LOUISVILLE	951,788
105	SUNY-ALBANY	885,746
106	KENT STATE	810,787
107	SOUTHERN ILLINOIS	736,010
108	CASE WESTERN RESERVE	719,638
109	GEORGIA TECH	571,817
110	AUBURN	568,640
111	NEBRASKA	427,296
112	SUNY-STONY BROOK	420,700
113	HOWARD	246,474

**RANK ORDER TABLE 12: CURRENT SERIALS PURCHASED (TITLES)**

RANK	INSTITUTION	VALUE
1	YALE	103,444
2	ILLINOIS URBANA	102,120
3	COLUMBIA	102,053
4	ARIZONA	85,960
5	LOUISIANA STATE	84,991
6	CALIFORNIA BERKELEY	82,162
7	PENNSYLVANIA STATE	80,912
8	OHIO STATE	78,906
9	JOHNS HOPKINS	76,065
10	PENNSYLVANIA	72,347
11	MICHIGAN STATE	71,888
12	CALIFORNIA RIVERSIDE	71,266
13	CINCINNATI	70,504
14	SOUTHERN CALIFORNIA	70,066
15	WASHINGTON U.-ST. LOUIS	69,400
16	MIAMI	69,164
17	GEORGE WASHINGTON	67,881
18	ARIZONA STATE	66,037
19	BRITISH COLUMBIA	64,669
20	NOTRE DAME	63,682
21	DARTMOUTH	62,301
22	MCGILL	58,997
23	KENT STATE	58,662
24	BRIGHAM YOUNG	58,466
25	CASE WESTERN RESERVE	57,889
26	RICE	56,806
27	SUNY-BUFFALO	56,503
28	GEORGIA	56,454
29	MINNESOTA	56,325
30	NEW MEXICO	55,474
31	WESTERN ONTARIO	55,094
32	SUNY-STONY BROOK	53,900
33	LOUISVILLE	53,461
34	TEXAS A&M	52,540
35	OKLAHOMA	52,522
36	GEORGETOWN	52,212
37	MONTREAL	51,760
38	TEXAS TECH	51,580
39	BOSTON	50,529
40	PRINCETON	50,327
41	PITTSBURGH	49,916
42	WISCONSIN	49,626
43	TORONTO	49,550
44	RUTGERS	49,507
45	INDIANA	49,490
46	KANSAS	49,212
47	QUEEN'S	48,829
48	ALABAMA	48,206
49	DUKE	47,819
50	SUNY-ALBANY	47,665
51	FLORIDA	47,449
52	IOWA STATE	47,315
53	TULANE	47,295
54	NORTHWESTERN	47,236
55	TEMPLE	46,976
56	HOUSTON	46,259
57	FLORIDA STATE	46,054

RANK	INSTITUTION	VALUE
58	NEW YORK	44,503
59	BROWN	43,144
60	OKLAHOMA STATE	42,658
61	CALIFORNIA DAVIS	42,199
62	IOWA	41,760
63	VIRGINIA	41,440
64	HAWAII	41,356
65	YORK	39,608
66	MCMASTER	38,683
67	COLORADO	38,140
68	CHICAGO	38,057
69	ILLINOIS CHICAGO	37,912
70	TEXAS	37,342
71	SOUTHERN ILLINOIS	37,341
72	ALBERTA	36,793
73	EMORY	36,651
74	MIT	36,259
75	OREGON	36,029
76	NORTH CAROLINA	35,802
77	NEBRASKA	34,821
78	WAYNE STATE	34,808
79	TENNESSEE	34,720
80	KENTUCKY	34,333
81	CALIFORNIA IRVINE	34,107
82	CALIFORNIA SAN DIEGO	33,938
83	VANDERBILT	33,483
84	CONNECTICUT	32,801
85	NORTH CAROLINA STATE	30,902
86	MASSACHUSETTS	29,160
87	PURDUE	28,822
88	LAVAL	28,276
89	CALIFORNIA SANTA BARBARA	27,333
90	UTAH	27,168
91	OHIO	26,522
92	MANITOBA	26,471
93	SYRACUSE	25,206
94	MISSOURI	24,857
95	MARYLAND	24,441
96	ROCHESTER	23,705
97	BOSTON COLLEGE	21,947
98	COLORADO STATE	21,688
99	SASKATCHEWAN	21,485
100	DELAWARE	20,665
101	HOWARD	18,295
102	WATERLOO	16,332
103	SOUTH CAROLINA	14,629
104	AUBURN	14,030
105	GEORGIA TECH	12,515
106	VIRGINIA TECH	11,917
107	GUELPH	11,486
	CALIFORNIA LOS ANGELES	UA/NA
	CORNELL	UA/NA
	HARVARD	UA/NA
	MICHIGAN	UA/NA
	WASHINGTON	UA/NA
	WASHINGTON STATE	UA/NA

**RANK ORDER TABLE 13: EXPENDITURES FOR CURRENT SERIALS**

RANK	INSTITUTION	VALUE
1	COLUMBIA	14,110,787
2	MICHIGAN	13,324,502
3	PENNSYLVANIA STATE	12,954,911
4	CHICAGO	11,559,713
5	MINNESOTA	11,501,644
6	TORONTO	11,493,126
7	WASHINGTON	11,393,157
8	NEW YORK	11,165,164
9	TEXAS A&M	11,101,887
10	JOHNS HOPKINS	10,842,794
11	PRINCETON	10,769,945
12	CALIFORNIA BERKELEY	10,766,841
13	BRITISH COLUMBIA	10,404,252
14	MCGILL	10,187,365
15	ALBERTA	10,155,590
16	PENNSYLVANIA	10,090,093
17	FLORIDA	9,938,022
18	IOWA	9,918,930
19	DUKE	9,865,125
20	TEXAS	9,820,242
21	MIAMI	9,739,138
22	ILLINOIS URBANA	9,626,380
23	VANDERBILT	9,514,270
24	NORTH CAROLINA	9,443,093
25	TENNESSEE	9,432,867
26	HARVARD	9,248,116
27	PITTSBURGH	9,243,253
28	MONTREAL	9,211,831
29	WESTERN ONTARIO	9,129,335
30	NORTHWESTERN	8,783,955
31	INDIANA	8,782,161
32	OHIO STATE	8,765,104
33	OKLAHOMA	8,582,861
34	WASHINGTON U.-ST. LOUIS	8,486,004
35	MICHIGAN STATE	8,444,193
36	VIRGINIA	8,426,644
37	GEORGIA	8,415,725
38	ARIZONA	8,366,628
39	ARIZONA STATE	8,261,537
40	CALIFORNIA LOS ANGELES	8,021,917
41	CORNELL	7,934,603
42	BRIGHAM YOUNG	7,909,894
43	YORK	7,881,161
44	SOUTHERN CALIFORNIA	7,878,187
45	BOSTON	7,860,431
46	GEORGETOWN	7,843,448
47	RUTGERS	7,774,275
48	MARYLAND	7,651,874
49	WAYNE STATE	7,495,718
50	QUEEN'S	7,367,618
51	LAVAL	7,322,707
52	TEXAS TECH	7,318,882
53	SUNY-BUFFALO	7,172,458
54	COLORADO	7,158,550
55	IOWA STATE	7,105,893
56	DARTMOUTH	7,088,387
57	CINCINNATI	7,075,210

RANK	INSTITUTION	VALUE
58	PURDUE	7,022,039
59	CONNECTICUT	6,958,737
60	MIT	6,817,728
61	NORTH CAROLINA STATE	6,616,791
62	NEW MEXICO	6,581,497
63	NOTRE DAME	6,573,240
64	CALIFORNIA SAN DIEGO	6,520,966
65	CALIFORNIA IRVINE	6,474,353
66	KENTUCKY	6,421,219
67	NEBRASKA	6,401,031
68	SASKATCHEWAN	6,347,299
69	ALABAMA	6,329,417
70	HOUSTON	6,275,219
71	WISCONSIN	6,263,640
72	ROCHESTER	6,258,440
73	RICE	6,139,862
74	SOUTH CAROLINA	6,116,438
75	GEORGE WASHINGTON	6,103,662
76	TULANE	6,093,411
77	MISSOURI	5,985,414
78	SOUTHERN ILLINOIS	5,866,259
79	KANSAS	5,860,695
80	MANITOBA	5,822,024
81	DELAWARE	5,778,112
82	UTAH	5,739,547
83	MCMASTER	5,714,150
84	TEMPLE	5,690,849
85	HAWAII	5,630,515
86	CASE WESTERN RESERVE	5,626,072
87	BROWN	5,593,056
88	YALE	5,557,697
89	VIRGINIA TECH	5,423,174
90	FLORIDA STATE	5,337,897
91	SYRACUSE	5,316,483
92	OKLAHOMA STATE	5,286,432
93	LOUISIANA STATE	5,283,693
94	SUNY-STONY BROOK	5,221,576
95	BOSTON COLLEGE	5,125,794
96	WASHINGTON STATE	5,042,750
97	MASSACHUSETTS	5,028,032
98	AUBURN	5,016,185
99	EMORY	4,877,256
100	LOUISVILLE	4,811,709
101	WATERLOO	4,649,880
102	COLORADO STATE	4,611,644
103	CALIFORNIA DAVIS	4,597,531
104	CALIFORNIA RIVERSIDE	4,338,335
105	ILLINOIS CHICAGO	4,232,443
106	GEORGIA TECH	4,227,563
107	SUNY-ALBANY	4,215,691
108	OREGON	3,976,853
109	CALIFORNIA SANTA BARBARA	3,962,387
110	OHIO	3,642,738
111	GUELPH	3,586,461
112	HOWARD	3,360,936
113	KENT STATE	3,232,164



**RANK ORDER TABLE 14: TOTAL ITEMS LOANED (ILL/DD)**

RANK	INSTITUTION	VALUE
1	OHIO STATE	170,711
2	MINNESOTA	165,913
3	ILLINOIS URBANA	93,584
4	WISCONSIN	92,683
5	WASHINGTON	86,879
6	OREGON	80,560
7	PENNSYLVANIA	74,659
8	COLORADO STATE	70,733
9	PENNSYLVANIA STATE	66,704
10	PITTSBURGH	62,936
11	CINCINNATI	62,455
12	IOWA	62,404
13	MICHIGAN STATE	62,153
14	ILLINOIS CHICAGO	61,975
15	MICHIGAN	59,885
16	COLORADO	59,882
17	NORTH CAROLINA	59,026
18	TEXAS	57,999
19	SOUTHERN ILLINOIS	56,952
20	CORNELL	56,865
21	WATERLOO	56,757
22	WASHINGTON STATE	55,958
23	ARIZONA	55,343
24	MISSOURI	55,210
25	PRINCETON	54,031
26	ALBERTA	53,211
27	CASE WESTERN RESERVE	52,249
28	ARIZONA STATE	50,966
29	CHICAGO	50,664
30	WASHINGTON U.-ST. LOUIS	50,554
31	KANSAS	50,502
32	INDIANA	50,325
33	CALIFORNIA LOS ANGELES	49,510
34	UTAH	48,592
35	YALE	48,357
36	BRIGHAM YOUNG	47,231
37	COLUMBIA	46,893
38	TEXAS A&M	45,798
39	GUELPH	45,774
40	MASSACHUSETTS	44,946
41	HARVARD	44,808
42	RUTGERS	43,575
43	CALIFORNIA BERKELEY	42,769
44	GEORGIA	42,723
45	WAYNE STATE	42,491
46	OHIO	41,847
47	TEXAS TECH	41,739
48	MIAMI	41,524
49	BROWN	41,359
50	CONNECTICUT	41,259
51	VIRGINIA	39,945
52	CALIFORNIA SAN DIEGO	37,556
53	GEORGETOWN	37,306
54	OKLAHOMA STATE	37,091
55	JOHNS HOPKINS	37,076
56	EMORY	36,602
57	NORTHWESTERN	36,383

RANK	INSTITUTION	VALUE
58	TENNESSEE	35,585
59	DARTMOUTH	35,464
60	OKLAHOMA	35,148
61	SUNY-BUFFALO	34,257
62	NEBRASKA	33,959
63	DUKE	33,879
64	NEW YORK	33,089
65	CALIFORNIA DAVIS	32,098
66	GEORGE WASHINGTON	32,010
67	KENTUCKY	32,008
68	IOWA STATE	29,651
69	NOTRE DAME	29,584
70	BOSTON COLLEGE	28,636
71	TORONTO	28,195
72	CALIFORNIA IRVINE	27,869
73	ROCHESTER	27,420
74	TEMPLE	27,341
75	PURDUE	26,430
76	HOUSTON	26,008
77	VANDERBILT	25,849
78	FLORIDA	25,472
79	SOUTHERN CALIFORNIA	24,627
80	CALIFORNIA SANTA BARBARA	24,050
81	LOUISVILLE	23,048
82	BRITISH COLUMBIA	22,884
83	MARYLAND	22,215
84	VIRGINIA TECH	22,192
85	MONTREAL	22,041
86	MCGILL	21,768
87	NEW MEXICO	21,224
88	MANITOBA	20,917
89	BOSTON	20,839
90	SUNY-STONY BROOK	20,820
91	QUEEN'S	20,064
92	SOUTH CAROLINA	19,696
93	MIT	19,287
94	CALIFORNIA RIVERSIDE	18,928
95	FLORIDA STATE	18,785
96	LAVAL	17,842
97	DELAWARE	17,207
98	WESTERN ONTARIO	16,881
99	TULANE	16,272
100	MCMASTER	15,678
101	NORTH CAROLINA STATE	14,979
102	KENT STATE	14,897
103	SYRACUSE	13,775
104	YORK	13,665
105	SUNY-ALBANY	13,133
106	RICE	12,332
107	ALABAMA	12,114
108	AUBURN	12,091
109	GEORGIA TECH	10,598
110	HOWARD	8,481
111	LOUISIANA STATE	7,381
112	HAWAII	6,246
113	SASKATCHEWAN	5,670

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

RANK	INSTITUTION	VALUE
1	OHIO STATE	96,771
2	WASHINGTON	92,703
3	WISCONSIN	88,726
4	PENNSYLVANIA	83,836
5	ILLINOIS URBANA	78,457
6	COLORADO STATE	66,476
7	OREGON	61,746
8	ILLINOIS CHICAGO	56,349
9	COLUMBIA	55,114
10	GUELPH	54,470
11	GEORGE WASHINGTON	53,439
12	PENNSYLVANIA STATE	53,334
13	TEXAS A&M	51,805
14	OHIO	49,452
15	WASHINGTON U.-ST. LOUIS	48,729
16	MASSACHUSETTS	48,539
17	WAYNE STATE	48,058
18	WATERLOO	47,160
19	INDIANA	44,360
20	PURDUE	43,940
21	MICHIGAN	42,978
22	CONNECTICUT	42,188
23	CINCINNATI	42,020
24	MINNESOTA	41,800
25	YALE	41,321
26	MISSOURI	41,231
27	MARYLAND	40,713
28	BROWN	40,355
29	SOUTHERN ILLINOIS	40,037
30	KANSAS	39,672
31	JOHNS HOPKINS	39,481
32	ARIZONA STATE	38,561
33	CALIFORNIA SANTA BARBARA	37,282
34	PRINCETON	37,211
35	ARIZONA	36,714
36	NEW YORK	36,634
37	RUTGERS	35,952
38	CASE WESTERN RESERVE	35,150
39	CALIFORNIA LOS ANGELES	34,596
40	CORNELL	33,528
41	UTAH	33,349
42	TEXAS TECH	33,051
43	OKLAHOMA	32,030
44	HAWAII	31,778
45	CALIFORNIA IRVINE	31,034
46	WASHINGTON STATE	30,936
47	MICHIGAN STATE	30,895
48	VIRGINIA	30,606
49	DARTMOUTH	30,481
50	ALBERTA	30,463
51	DUKE	30,179
52	COLORADO	30,159
53	FLORIDA	28,823
54	NEBRASKA	28,757
55	IOWA	28,607
56	CALIFORNIA SAN DIEGO	28,588
57	NORTHWESTERN	28,342

RANK	INSTITUTION	VALUE
58	TEXAS	27,822
59	PITTSBURGH	27,305
60	NEW MEXICO	26,959
61	CALIFORNIA DAVIS	26,504
62	BRIGHAM YOUNG	25,637
63	MANITOBA	25,400
64	TENNESSEE	25,179
65	SUNY-BUFFALO	24,824
66	GEORGETOWN	24,366
67	KENTUCKY	24,349
68	NOTRE DAME	24,050
69	ROCHESTER	23,921
70	DELAWARE	23,688
71	BRITISH COLUMBIA	22,542
72	NORTH CAROLINA STATE	22,509
73	CHICAGO	22,312
74	BOSTON COLLEGE	22,253
75	VIRGINIA TECH	21,936
76	CALIFORNIA BERKELEY	21,922
77	SYRACUSE	21,580
78	TEMPLE	21,460
79	OKLAHOMA STATE	21,358
80	BOSTON	21,266
81	EMORY	21,068
82	SOUTHERN CALIFORNIA	20,600
83	SUNY-ALBANY	20,487
84	VANDERBILT	20,273
85	LOUISVILLE	20,210
86	MONTREAL	19,917
87	SOUTH CAROLINA	18,538
88	HOUSTON	18,395
89	MIT	17,464
90	IOWA STATE	17,027
91	LOUISIANA STATE	16,916
92	MCGILL	16,593
93	FLORIDA STATE	14,990
94	NORTH CAROLINA	14,975
95	CALIFORNIA RIVERSIDE	14,186
96	MIAMI	13,738
97	SUNY-STONY BROOK	13,198
98	HARVARD	12,877
99	MCMASTER	12,726
100	GEORGIA TECH	12,062
101	TULANE	10,284
102	RICE	9,908
103	ALABAMA	9,799
104	QUEEN'S	9,722
105	LAVAL	9,720
106	KENT STATE	9,333
107	AUBURN	8,651
108	TORONTO	8,409
109	WESTERN ONTARIO	8,087
110	GEORGIA	6,862
111	HOWARD	5,560
112	YORK	5,233
113	SASKATCHEWAN	4,771



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

RANK	INSTITUTION NAME	VALUE
1	HARVARD	555
2	COLUMBIA	328
3	YALE	272
4	CALIFORNIA BERKELEY	244
5	WISCONSIN	229
6	ILLINOIS URBANA	199
7	WASHINGTON	193
8	DUKE	185
9	TORONTO	184
10	INDIANA	173
11	CALIFORNIA LOS ANGELES	169
11	MICHIGAN	169
13	PENNSYLVANIA STATE	162
14	NORTH CAROLINA	148
15	TEXAS A&M	145
16	OHIO STATE	143
16	PRINCETON	143
18	TEXAS	141
19	NEW YORK	139
20	PENNSYLVANIA	137
21	JOHNS HOPKINS	136
22	SOUTHERN CALIFORNIA	129
23	NORTH CAROLINA STATE	124
24	BRIGHAM YOUNG	120
24	CORNELL	120
24	NORTHWESTERN	120
24	PITTSBURGH	120
28	MARYLAND	119
29	BRITISH COLUMBIA	114
30	MINNESOTA	111
31	MONTREAL	110
32	SUNY-BUFFALO	106
32	VANDERBILT	106
34	TEXAS TECH	105
35	CALIFORNIA SAN DIEGO	104
36	KANSAS	103
36	MIT	103
38	BOSTON	102
38	FLORIDA	102
40	VIRGINIA	101
41	RUTGERS	100
42	IOWA	98
43	WAYNE STATE	97
44	GEORGETOWN	95
44	ROCHESTER	95
46	ARIZONA	94
46	EMORY	94
48	ARIZONA STATE	93
48	WASHINGTON U.-ST. LOUIS	93
50	HAWAII	92
51	KENTUCKY	91
52	SUNY-STONY BROOK	90
53	CONNECTICUT	86
53	TENNESSEE	86
53	UTAH	86
56	ALBERTA	85
57	GEORGE WASHINGTON	84

RANK	INSTITUTION NAME	VALUE
57	PURDUE	84
59	MCGILL	83
60	MIAMI	82
60	MICHIGAN STATE	82
62	GEORGIA	81
63	BOSTON COLLEGE	79
64	CINCINNATI	76
65	SOUTH CAROLINA	74
66	BROWN	73
66	CALIFORNIA IRVINE	73
66	TEMPLE	73
69	ILLINOIS CHICAGO	71
69	WESTERN ONTARIO	71
71	ALABAMA	70
71	NEW MEXICO	70
71	NOTRE DAME	70
71	OREGON	70
75	CHICAGO	68
75	FLORIDA STATE	68
77	OKLAHOMA STATE	66
78	MANITOBA	64
79	SYRACUSE	63
80	HOUSTON	62
80	YORK	62
82	SUNY-ALBANY	61
83	DARTMOUTH	60
83	LAVAL	60
83	OKLAHOMA	60
86	CALIFORNIA DAVIS	59
87	CASE WESTERN RESERVE	58
87	COLORADO	58
87	DELAWARE	58
87	MISSOURI	58
91	RICE	57
91	WASHINGTON STATE	57
93	KENT STATE	56
93	MASSACHUSETTS	56
95	GUELPH	54
95	NEBRASKA	54
95	SOUTHERN ILLINOIS	54
98	LOUISVILLE	53
99	IOWA STATE	52
99	LOUISIANA STATE	52
99	SASKATCHEWAN	52
102	COLORADO STATE	51
103	HOWARD	50
104	CALIFORNIA RIVERSIDE	49
105	CALIFORNIA SANTA BARBARA	47
106	AUBURN	46
106	OHIO	46
108	GEORGIA TECH	45
108	MCMASTER	45
108	QUEEN'S	45
108	TULANE	45
112	VIRGINIA TECH	38
113	WATERLOO	36

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

RANK	INSTITUTION	VALUE
1	HARVARD	541
2	YALE	396
3	PENNSYLVANIA STATE	375
4	TORONTO	350
5	CORNELL	308
6	MICHIGAN	305
7	TEXAS	285
8	CALIFORNIA LOS ANGELES	281
9	MONTREAL	258
10	COLUMBIA	246
11	RUTGERS	238
12	NEW YORK	227
13	PRINCETON	225
14	ALBERTA	213
15	VIRGINIA	210
16	NORTH CAROLINA	209
17	WASHINGTON	206
18	MINNESOTA	200
19	CALIFORNIA BERKELEY	198
20	ARIZONA STATE	195
21	ILLINOIS URBANA	194
22	CALIFORNIA SAN DIEGO	193
23	CHICAGO	192
24	FLORIDA	190
25	UTAH	187
26	BRITISH COLUMBIA	186
27	GEORGIA	184
28	INDIANA	181
29	PENNSYLVANIA	179
30	PITTSBURGH	173
31	MCGILL	172
32	WISCONSIN	166
33	OHIO STATE	156
34	NOTRE DAME	154
35	EMORY	153
35	LAVAL	153
37	ARIZONA	146
38	MANITOBA	145
39	CALIFORNIA DAVIS	144
40	DUKE	143
40	NEW MEXICO	143
42	NORTHWESTERN	140
43	JOHNS HOPKINS	139
44	KENTUCKY	136
45	CALIFORNIA SANTA BARBARA	135
46	SOUTHERN CALIFORNIA	133
46	TENNESSEE	133
46	MIAMI	133
49	TEXAS A&M	132
50	TEXAS TECH	127
50	CALIFORNIA IRVINE	127
52	IOWA	125
53	GEORGE WASHINGTON	124
54	MICHIGAN STATE	122
55	SYRACUSE	121
56	DARTMOUTH	117
57	GEORGETOWN	116

RANK	INSTITUTION	VALUE
58	WASHINGTON U.-ST. LOUIS	115
59	YORK	112
60	WESTERN ONTARIO	111
61	PURDUE	110
61	FLORIDA STATE	110
61	MISSOURI	110
64	COLORADO	109
65	KANSAS	108
66	NEBRASKA	106
66	QUEEN'S	106
68	NORTH CAROLINA STATE	105
68	VANDERBILT	105
68	SOUTH CAROLINA	105
68	DELAWARE	105
72	ILLINOIS CHICAGO	104
73	BROWN	101
73	LOUISIANA STATE	101
75	WATERLOO	98
76	BOSTON	97
76	OKLAHOMA	97
78	MARYLAND	95
78	LOUISVILLE	95
78	MCMASTER	95
81	MIT	94
82	SOUTHERN ILLINOIS	92
83	TEMPLE	91
83	HOUSTON	91
85	VIRGINIA TECH	90
86	IOWA STATE	88
86	SASKATCHEWAN	88
88	OREGON	87
89	WAYNE STATE	86
90	WASHINGTON STATE	84
91	ALABAMA	83
92	CALIFORNIA RIVERSIDE	79
93	HAWAII	77
94	OKLAHOMA STATE	76
94	TULANE	76
96	BOSTON COLLEGE	73
96	MASSACHUSETTS	73
98	CONNECTICUT	72
99	OHIO	70
99	GEORGIA TECH	70
101	GUELPH	69
102	HOWARD	67
103	SUNY-BUFFALO	66
104	ROCHESTER	61
104	SUNY-ALBANY	61
106	BRIGHAM YOUNG	59
107	CINCINNATI	58
108	COLORADO STATE	54
109	RICE	53
110	CASE WESTERN RESERVE	45
111	AUBURN	40
112	KENT STATE	36
113	SUNY-STONY BROOK	26

# RANK ORDER TABLE 18: TOTAL STAFF (FTE)

RANK	INSTITUTION	VALUE
1	HARVARD	1,229
2	YALE	735
3	COLUMBIA	701
4	TORONTO	673
5	PENNSYLVANIA STATE	608
6	CALIFORNIA LOS ANGELES	597
7	CALIFORNIA BERKELEY	582
8	MICHIGAN	570
9	WISCONSIN	553
10	CORNELL	549
11	TEXAS	528
12	WASHINGTON	523
13	ILLINOIS URBANA	512
14	INDIANA	470
14	OHIO STATE	470
16	NEW YORK	458
17	NORTH CAROLINA	452
18	RUTGERS	419
19	PRINCETON	410
20	PENNSYLVANIA	402
21	MINNESOTA	394
22	BRIGHAM YOUNG	383
23	PITTSBURGH	382
24	FLORIDA	381
25	VIRGINIA	379
26	SOUTHERN CALIFORNIA	374
27	UTAH	370
28	MONTREAL	368
29	CALIFORNIA SAN DIEGO	367
30	DUKE	363
31	TEXAS A&M	359
32	NORTHWESTERN	344
33	BRITISH COLUMBIA	338
34	ALBERTA	334
35	ARIZONA STATE	332
35	TEXAS TECH	332
37	CHICAGO	323
38	JOHNS HOPKINS	317
39	ARIZONA	314
40	GEORGIA	304
41	EMORY	296
42	MCGILL	294
43	MICHIGAN STATE	288
44	GEORGE WASHINGTON	286
44	KENTUCKY	286
46	BOSTON	285
47	KENT STATE	284
48	KANSAS	282
49	IOWA	281
50	SOUTH CAROLINA	278
51	MIAMI	277
52	NORTH CAROLINA STATE	268
52	TENNESSEE	268
54	NEW MEXICO	267
55	WASHINGTON U.-ST. LOUIS	266
56	NOTRE DAME	260
57	GEORGETOWN	258

RANK	INSTITUTION	VALUE
57	MARYLAND	258
59	PURDUE	255
60	SUNY-BUFFALO	250
61	CALIFORNIA DAVIS	249
62	CALIFORNIA IRVINE	248
62	FLORIDA STATE	248
64	WAYNE STATE	247
65	VANDERBILT	241
66	HAWAII	236
67	MANITOBA	233
68	OKLAHOMA	232
69	YORK	231
70	CALIFORNIA SANTA BARBARA	229
71	OREGON	217
72	COLORADO	216
72	SYRACUSE	216
74	LAVAL	214
74	MIT	214
76	OKLAHOMA STATE	213
76	ROCHESTER	213
78	TEMPLE	209
79	BROWN	208
80	CONNECTICUT	207
81	DARTMOUTH	205
82	NEBRASKA	204
83	ILLINOIS CHICAGO	203
84	ALABAMA	202
84	BOSTON COLLEGE	202
84	SOUTHERN ILLINOIS	202
87	HOUSTON	199
88	DELAWARE	198
88	MISSOURI	198
90	WESTERN ONTARIO	195
91	LOUISIANA STATE	192
92	MASSACHUSETTS	190
93	LOUISVILLE	188
94	CINCINNATI	182
95	HOWARD	176
95	WASHINGTON STATE	176
97	IOWA STATE	174
98	WATERLOO	172
99	QUEEN'S	169
100	MCMASTER	163
101	CALIFORNIA RIVERSIDE	159
101	VIRGINIA TECH	159
103	OHIO	153
103	SUNY-ALBANY	153
105	SASKATCHEWAN	151
106	SUNY-STONY BROOK	147
106	TULANE	147
108	GUELPH	144
109	CASE WESTERN RESERVE	131
110	COLORADO STATE	130
111	GEORGIA TECH	123
112	RICE	122
113	AUBURN	117

**RANK ORDER TABLE 19: EXPENDITURES FOR ELECTRONIC RESOURCES**

RANK	INSTITUTION	VALUE
1	ALBERTA	14,521,604
2	COLUMBIA	10,730,848
3	PENNSYLVANIA STATE	10,324,719
4	PITTSBURGH	9,577,575
5	TORONTO	9,283,217
6	NEW YORK	9,226,060
7	TEXAS A&M	9,111,074
8	MCGILL	8,887,022
9	TEXAS	8,452,972
10	PRINCETON	8,393,567
11	HARVARD	8,300,095
12	MINNESOTA	8,074,528
13	DUKE	8,001,083
14	WAYNE STATE	7,971,488
15	MICHIGAN	7,734,012
16	BRITISH COLUMBIA	7,648,588
17	VANDERBILT	7,616,980
18	WASHINGTON	7,513,531
19	YALE	7,355,032
20	ARIZONA	7,346,049
21	NORTHWESTERN	7,197,977
22	CORNELL	7,041,326
23	WESTERN ONTARIO	6,978,173
24	MIAMI	6,944,791
25	PENNSYLVANIA	6,792,252
26	WASHINGTON U.-ST. LOUIS	6,779,568
27	MONTREAL	6,666,762
28	COLORADO	6,628,496
29	TEMPLE	6,601,957
30	OHIO STATE	6,590,172
31	INDIANA	6,587,019
32	CALIFORNIA BERKELEY	6,522,404
33	NOTRE DAME	6,491,200
34	PURDUE	6,393,070
35	MARYLAND	6,384,820
36	IOWA STATE	6,356,897
37	MICHIGAN STATE	6,323,616
38	GEORGIA	6,315,224
39	IOWA	6,293,902
40	MISSOURI	6,254,447
41	KENTUCKY	6,138,460
42	YORK	6,115,127
43	ARIZONA STATE	6,066,629
44	SOUTHERN CALIFORNIA	5,939,554
45	ILLINOIS URBANA	5,921,211
46	CHICAGO	5,767,694
47	VIRGINIA	5,761,823
48	FLORIDA	5,681,228
49	QUEENS	5,671,832
50	LAVAL	5,668,355
51	TENNESSEE	5,643,552
52	CINCINNATI	5,601,049
53	DELAWARE	5,549,645
54	SASKATCHEWAN	5,541,661
55	SUNY-BUFFALO	5,477,759
56	CONNECTICUT	5,410,421
57	WISCONSIN	5,364,822

RANK	INSTITUTION	VALUE
58	MIT	5,315,163
59	NEW MEXICO	5,313,948
60	FLORIDA STATE	5,306,200
61	MCMASTER	5,302,647
62	CALIFORNIA SAN DIEGO	5,283,923
63	DARTMOUTH	5,244,385
64	BRIGHAM YOUNG	5,173,184
65	NORTH CAROLINA	5,149,059
66	RUTGERS	5,007,836
67	KANSAS	4,931,383
68	TEXAS TECH	4,928,468
69	SOUTH CAROLINA	4,912,821
70	CALIFORNIA LOS ANGELES	4,862,032
71	JOHNS HOPKINS	4,843,098
72	BOSTON COLLEGE	4,808,867
73	RICE	4,757,600
74	CALIFORNIA IRVINE	4,724,596
75	AUBURN	4,704,780
76	HOUSTON	4,657,866
77	ILLINOIS CHICAGO	4,646,070
78	OKLAHOMA	4,579,054
79	BROWN	4,543,261
80	EMORY	4,513,037
81	TULANE	4,459,650
82	VIRGINIA TECH	4,441,724
83	MASSACHUSETTS	4,389,499
84	MANITOBA	4,388,649
85	CALIFORNIA DAVIS	4,387,167
86	LOUISIANA STATE	4,272,575
87	COLORADO STATE	4,192,556
88	GEORGETOWN	4,173,607
89	GEORGIA TECH	4,158,648
90	WASHINGTON STATE	4,145,155
91	ALABAMA	4,037,173
92	SUNY-STONY BROOK	3,943,945
93	SOUTHERN ILLINOIS	3,928,326
94	NORTH CAROLINA STATE	3,830,451
95	SYRACUSE	3,789,456
96	WATERLOO	3,722,260
97	GUELPH	3,664,146
98	ROCHESTER	3,531,633
99	CASE WESTERN RESERVE	3,517,639
100	HAWAII	3,498,685
101	BOSTON	3,362,031
102	LOUISVILLE	3,211,731
103	OHIO	2,872,036
104	OREGON	2,839,843
105	CALIFORNIA SANTA BARBARA	2,696,936
106	NEBRASKA	2,424,217
107	GEORGE WASHINGTON	2,391,699
108	CALIFORNIA RIVERSIDE	2,278,784
109	UTAH	2,077,201
110	HOWARD	2,075,989
111	SUNY-ALBANY	1,960,241
	KENT STATE	UA / NA
	OKLAHOMA STATE	UA / NA

**RANK ORDER TABLE 20: ELECTRONIC RESOURCES AS A PERCENTAGE OF TOTAL LIBRARY MATERIALS**

RANK	INSTITUTION	VALUE
1	WAYNE STATE	88.50
2	ALBERTA	86.03
3	AUBURN	83.57
4	MISSOURI	73.45
5	IOWA STATE	67.92
6	MASSACHUSETTS	67.07
7	GEORGIA TECH	67.02
8	VANDERBILT	66.61
9	FLORIDA STATE	64.84
10	WASHINGTON STATE	64.52
11	PITTSBURGH	64.46
12	GUELPH	64.46
13	MCMASTER	64.18
14	COLORADO STATE	64.05
15	SUNY-BUFFALO	63.30
16	MARYLAND	63.23
17	VIRGINIA TECH	63.07
18	DELAWARE	63.00
19	SASKATCHEWAN	61.97
20	NEW MEXICO	61.24
21	SOUTH CAROLINA	61.02
22	PURDUE	60.42
23	CONNECTICUT	60.22
24	COLORADO	60.18
25	WESTERN ONTARIO	59.96
26	MIT	59.81
27	QUEEN'S	59.43
28	DARTMOUTH	59.12
29	MONTREAL	59.03
30	KENTUCKY	58.93
31	ARIZONA	58.18
32	PENNSYLVANIA STATE	57.92
33	LOUISIANA STATE	57.84
34	WATERLOO	56.97
35	TEMPLE	56.90
36	YORK	56.77
37	MICHIGAN STATE	56.12
38	NOTRE DAME	55.93
39	NEW YORK	55.92
40	SOUTHERN ILLINOIS	55.87
41	SUNY-STONY BROOK	55.46
42	MCGILL	55.25
43	CALIFORNIA SAN DIEGO	55.13
44	LAVAL	54.64
45	CINCINNATI	54.47
46	TULANE	54.46
47	GEORGIA	54.42
48	WASHINGTON U.-ST. LOUIS	54.40
49	HOWARD	54.29
50	CALIFORNIA DAVIS	54.07
51	SYRACUSE	53.84
52	TEXAS A&M	53.59
53	BOSTON COLLEGE	53.55
54	BROWN	53.49
55	SOUTHERN CALIFORNIA	53.35
56	ARIZONA STATE	53.06
57	NORTHWESTERN	52.94

RANK	INSTITUTION	VALUE
58	MANITOBA	52.68
59	MIAMI	52.56
60	ALABAMA	52.51
61	CASE WESTERN RESERVE	52.48
62	HOUSTON	52.27
63	KANSAS	51.47
64	BRITISH COLUMBIA	51.27
65	OHIO	50.91
66	ILLINOIS CHICAGO	50.90
67	WASHINGTON	50.55
68	OHIO STATE	50.01
69	CALIFORNIA IRVINE	49.69
70	WISCONSIN	48.88
71	HAWAII	48.82
72	MINNESOTA	48.71
73	DUKE	48.47
74	TEXAS	47.99
75	RUTGERS	47.90
76	CALIFORNIA SANTA BARBARA	46.51
77	IOWA	46.31
78	TENNESSEE	46.22
79	BRIGHAM YOUNG	45.75
80	FLORIDA	45.71
81	COLUMBIA	45.31
82	ROCHESTER	45.22
83	PENNSYLVANIA	44.78
84	TEXAS TECH	44.48
85	CORNELL	44.44
86	VIRGINIA	42.78
87	RICE	42.75
88	OREGON	42.27
89	ILLINOIS URBANA	42.10
90	INDIANA	39.91
91	CALIFORNIA RIVERSIDE	39.66
92	PRINCETON	39.60
93	NORTH CAROLINA STATE	39.05
94	MICHIGAN	37.68
95	GEORGETOWN	37.12
96	SUNY-ALBANY	36.27
97	TORONTO	35.95
98	BOSTON	35.51
99	LOUISVILLE	34.89
100	NEBRASKA	34.43
101	JOHNS HOPKINS	32.67
102	CHICAGO	32.58
103	OKLAHOMA	32.52
104	CALIFORNIA BERKELEY	32.42
105	CALIFORNIA LOS ANGELES	32.41
106	NORTH CAROLINA	31.55
107	EMORY	30.28
108	UTAH	26.03
109	HARVARD	24.20
110	GEORGE WASHINGTON	23.02
111	YALE	22.06
	KENT STATE	UA/NA
	OKLAHOMA STATE	UA/NA

**RANK ORDER TABLE 21: LIBRARY INVESTMENT INDEX**

RANK	INSTITUTION	VALUE
1	HARVARD	5.9282
2	YALE	3.5761
3	TORONTO	2.6322
4	COLUMBIA	2.3283
5	CALIFORNIA, BERKELEY	1.9283
6	CALIFORNIA, LOS ANGELES	1.5697
7	MICHIGAN	1.5697
8	PENNSYLVANIA STATE	1.2839
9	TEXAS	1.2685
10	PRINCETON	1.2024
11	CORNELL	1.1635
12	ALBERTA	1.1556
13	NEW YORK	1.0760
14	WISCONSIN	0.9566
15	NORTH CAROLINA	0.8980
16	WASHINGTON	0.8770
17	MINNESOTA	0.8355
18	ILLINOIS, URBANA	0.7944
19	INDIANA	0.7750
20	DUKE	0.6941
21	PENNSYLVANIA	0.6635
22	OHIO STATE	0.6597
23	SOUTHERN CALIFORNIA	0.6293
24	VIRGINIA	0.5021
25	BRITISH COLUMBIA	0.5009
26	MCGILL	0.4890
27	TEXAS A&M	0.4788
28	CHICAGO	0.4678
29	EMORY	0.3154
30	PITTSBURGH	0.2854
31	RUTGERS	0.2612
32	ARIZONA	0.2148
33	MONTREAL	0.1708
34	CALIFORNIA, SAN DIEGO	0.1360
35	NORTHWESTERN	0.1317
36	JOHNS HOPKINS	0.1299
37	FLORIDA	0.0621
38	IOWA	0.0315
39	NORTH CAROLINA STATE	0.0172
40	WASHINGTON U.-ST. LOUIS	-0.0054
41	BRIGHAM YOUNG	-0.0125
42	MIAMI	-0.0177
43	ARIZONA STATE	-0.0352
44	YORK	-0.0769
45	CONNECTICUT	-0.0962
46	GEORGETOWN	-0.0990
47	MICHIGAN STATE	-0.1348
48	PURDUE	-0.1384
49	MARYLAND	-0.1518
50	MIT	-0.1583
51	VANDERBILT	-0.1614
52	TEXAS TECH	-0.1666
53	GEORGIA	-0.2119
54	NOTRE DAME	-0.2190
55	TENNESSEE	-0.2278
56	UTAH	-0.2423
57	GEORGE WASHINGTON	-0.2629

RANK	INSTITUTION	VALUE
58	OKLAHOMA	-0.2700
59	NEW MEXICO	-0.2706
60	TEMPLE	-0.2913
61	ROCHESTER	-0.3052
62	KANSAS	-0.3307
63	CALIFORNIA, IRVINE	-0.3580
64	WESTERN ONTARIO	-0.3790
65	MANITOBA	-0.3817
66	KENTUCKY	-0.3867
67	LAVAL	-0.4053
68	COLORADO	-0.4069
69	BOSTON	-0.4211
70	SUNY-BUFFALO	-0.4232
71	WAYNE STATE	-0.4402
72	CINCINNATI	-0.4485
73	CALIFORNIA, DAVIS	-0.4956
74	BROWN	-0.5108
75	BOSTON COLLEGE	-0.5198
76	QUEEN'S	-0.5291
77	SOUTH CAROLINA	-0.5342
78	ILLINOIS, CHICAGO	-0.5475
79	CALIFORNIA, SANTA BARBARA	-0.5613
80	LOUISVILLE	-0.5620
81	HOUSTON	-0.5646
82	DARTMOUTH	-0.5725
83	DELAWARE	-0.5883
84	IOWA STATE	-0.5947
85	SASKATCHEWAN	-0.6189
86	HAWAII	-0.6390
87	RICE	-0.6393
88	MCMASTER	-0.6761
89	SYRACUSE	-0.6966
90	OKLAHOMA STATE	-0.7032
91	MISSOURI	-0.7032
92	ALABAMA	-0.7121
93	OREGON	-0.7430
94	FLORIDA STATE	-0.7476
95	MASSACHUSETTS	-0.7705
96	NEBRASKA	-0.7898
97	SOUTHERN ILLINOIS	-0.8170
98	WATERLOO	-0.8190
99	COLORADO STATE	-0.8248
100	SUNY-STONY BROOK	-0.8345
101	CALIFORNIA, RIVERSIDE	-0.8355
102	LOUISIANA STATE	-0.8441
103	WASHINGTON STATE	-0.8573
104	TULANE	-0.8577
105	VIRGINIA TECH	-0.9120
106	CASE WESTERN RESERVE	-0.9157
107	GUELPH	-0.9392
108	GEORGIA TECH	-0.9923
109	SUNY-ALBANY	-0.9999
110	OHIO	-1.0118
111	AUBURN	-1.0380
112	KENT STATE	-1.0547
113	HOWARD	-1.1500

Ranking as of August 12, 2009.

# ARL STATISTICS QUESTIONNAIRE, 2007–2008

## INSTRUCTIONS FOR COMPLETING THE QUESTIONNAIRE

### General Instructions

Definitions of statistical categories can be found in NISO Z39.7-2004, *Information Services and Use: Metrics & statistics for libraries and information providers--Data Dictionary* (<http://www.niso.org/>). ARL has been modifying the interpretation of the standard definitions to address questions posed by library staff at various member institutions that complete the survey and with feedback from the ARL Statistics and Assessment Committee (<http://www.arl.org/stats/program/meeting.html>).

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

**Please respond to every question.** If an exact figure cannot be provided, use NA/UA to indicate that the figure is either unavailable or not applicable. If the appropriate answer is zero or none, use 0.

Although the form allows for data to be entered from both main and branch campuses, an effort should be made to report figures for the main campus only. (The US National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS) defines a **branch institution** as “a campus or site of an educational institution that is not temporary, is located in a community beyond a reasonable commuting distance from its parent institution, and offers organized programs of study, not just courses.”) If figures for libraries located at branch campuses are reported, please specify which branch libraries are included and which ones are excluded in the notes below.

A **branch library** is defined as an auxiliary library service outlet with quarters separate from the central library of an institution, 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.

The questionnaire assumes a fiscal year ending **June 30, 2008**. If your fiscal year is different, please indicate this in the notes below by adjusting the reporting period.

**Footnotes.** Explanatory footnotes will be included with the published statistics. Provide any notes you may have in the footnotes area at the end of the survey. Reporting libraries are urged to record there any information that would clarify the figures submitted in that line, e.g., the inclusion and exclusion of branch campus libraries. 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.

### Specific Instructions

**Question 1. Volumes in Library.** Use the ANSI/NISO Z39.7-2004 definition for **volume** as follows:

*a single physical unit of any printed, typewritten, handwritten, mimeographed, or processed work, distinguished from other units by a separate binding, encasement, portfolio, or other clear distinction, which has been **cataloged, classified, and made ready for use**, and which is typically the unit used to charge circulation transactions. Either a serial volume is bound, or it comprises the serial issues that would be bound together if the library bound all serials.*

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

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:

$$\begin{array}{l} 52 \text{ documents pieces per foot} \\ 10 \text{ "traditional" volumes per foot} \\ 5.2 \text{ documents pieces per volume} \end{array}$$

Include e-book units, as long as these e-books are owned or leased and have been cataloged by your library. Include electronic books purchased through vendors such as NetLibrary® or Books 24x7, and e-books that come as part of aggregate services. Include individual titles of e-book sets that are treated as individual reference sources. Include locally digitized electronic books and electronic theses and dissertations. Provide a footnote explaining how many e-books you are reporting, preferably by specifying the products and the number of titles in a note.

Include volumes purchased collectively where the cost is shared at the time of purchase.

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

**Question 1b. 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 or e-book packages) 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 2. Monographic Volumes Purchased.** Report number of volumes purchased; do not include volumes received or cataloged. Include all volumes for which an expenditure was made during 2007–2008, including volumes paid for in advance but not received during the fiscal year. Include monographs in series and continuations. Include e-books that fit the NetLibrary® model, i.e., electronic manifestations of physical entities and/or units; provide a footnote explaining how many e-books you are reporting, preferably by specifying the products and the number of titles. If only number of titles purchased can be reported, please report the data and provide an explanatory footnote.

**Question 3: Basis of Volume Count.** A physical count is a piece count; a bibliographic count is a catalog record count.

**Questions 4–5. Serials.** Use the following definition adapted from AACR2 for a serial:

*A bibliographic resource issued in a succession of discrete parts, usually bearing numbering, that has no predetermined conclusion. Examples of serials include journals, magazines, electronic journals, continuing directories, annual reports, newspapers, and monographic series.*

Report the total number of **unique** serial titles, NOT SUBSCRIPTIONS, that you currently acquire and to which you provide access. Do not include duplicate counts of serial titles. Report each title once, regardless of how many subscriptions or means of access you provide for that title. Exclude unnumbered monographic and publishers' series. Electronic serials acquired as part of a bundle or an aggregated package should be counted at the title level, even if they are not cataloged, as long as the title is made accessible directly by the library (e.g., through a finding aid). If access is provided only through the overall platform or aggregator, do not report the individual titles but count the package as a single title.

**Question 4a. Serial titles currently purchased.** In the case of consortial agreements, count under 'serial titles currently purchased' those titles for which the library pays any amount from its budgeted expenditures. Include all titles that are part of bundles or aggregated packages, even if your library makes a partial payment for access to those titles. If a purchased title includes electronic access to the title, count that title **ONLY ONCE (DEDUPED)** as electronic only. If a database includes full-text and abstracted titles, the number of full-text titles can be counted.



**Question 4b. Serial titles: Not Purchased.** Report other titles that your library receives and does not pay for directly under 'serial titles received but not purchased.' These titles may include exchanges, gifts, etc.

If serial titles have been purchased through a consortium whose budget is centrally funded and independent from the library's budget, these serials should be reported under 'serial titles currently received but not purchased.' If within a purchased or aggregated package it cannot be determined that some titles are not purchased, report all titles as purchased.

Freely accessible titles are those your library provides direct access to via cataloging records or through online serial lists of other finding aids.

To the extent possible, report all government document serials separately in 4b.iv.

If separate counts of non-purchased and purchased serial titles are not available, report only the total number of serial titles currently purchased and received on line 4, and report U/A for lines 4a and 4b.

**Question 6. 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 if documents are excluded.

**Question 7. 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  $1 \text{ foot} = 52 \text{ pieces}$  and indicate in a footnote that the count is based on this estimate. Exclude microforms and non-print 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 8. 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 US 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 9. Manuscripts and archives.** Include both manuscripts and archives measured in linear feet.

**Question 10. Cartographic materials.** Include the numbers of pieces of two- and three-dimensional maps and globes. Include satellite and aerial photographs and images.

**Question 11. Graphic materials.** Include the number of pieces of prints, pictures, photographs, postcards, slides, transparencies, film strips, and the like.

**Question 12. Audio materials.** Include the number of pieces of audiocassettes, phonodiscs, audio compact discs, reel-to-reel tapes, and other sound recordings.

**Question 13. Film and video materials.** Include the number of pieces of motion pictures, videocassettes, video laser discs, and similar visual materials.

**Questions 14-20. 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 17, include non-library funds; see instruction Q17.) Do not report encumbrances of funds that have not yet been expended. **Canadian libraries should report expenditures in Canadian dollars.** (For your information, if interested in determining figures in US dollars, divide Canadian dollar amounts by 1.0101, the average monthly noon exchange rate published in the Bank of Canada *Review* for the period July 2007–June 2008.) **Please round figures to the nearest dollar.**

**Question 15a. Monographs.** Report expenditures for volumes purchased counted on line 2.

**Question 15b. Serial titles.** Report expenditures for serial titles counted on line 4a. Exclude unnumbered monographic and publishers' series, and encumbrances.

**Question 15c. Other library materials.** Include expenditures for all materials not reported in Questions 15a and 15b, e.g., backfiles of serials, charts and maps, audiovisual materials, manuscripts, etc. If expenditures for these materials are included in lines 15a and/or 15b and cannot be disaggregated, please report U/A and provide a footnote. Do not include encumbrances.

**Question 15d. Miscellaneous expenditures.** Include any other **materials funds expenditures** not included in questions 15a-c, 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. **Note:** If your library does not use materials funds for non-materials expenditures—i.e., if those expenditures are included in “Other Operating Expenditures”— **report 0, not U/A**, on line 15d.

**Question 16. 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; do not include personnel expenditures. (This figure should also be reported in the 2007–2008 ARL Preservation Survey, question 7b.)

**Questions 17. Salaries and wages.** Exclude fringe benefits. If professional and support staff salaries cannot be separated, enter U/A, on lines 17a and 17b and enter total staff on line 17.

**Question 17c. 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 19. Other operating expenditures.** Exclude expenditures for buildings, maintenance, and fringe benefits.

**Questions 21–25. Electronic expenditures.** These items are intended to indicate what portion of your institution's total library expenditures are dedicated to electronic resources and services. Please use the Footnotes to indicate any electronic materials expenditures you believe not to be covered by these questions. **Many expenditures recorded in these questions should have been included in Question 20, total library expenditures.**

**Question 21. One-time electronic resource purchases.** Report expenditures that are not current serials (i.e. are non-subscription, one-time, or monographic in nature) for software and machine-readable materials considered part of the collections. Examples include periodical backfiles, literature collections, one-time costs for JSTOR membership, etc. Expenditures reported here may be derived from any of the following categories: Monographs (Q15a), Other Library Materials (Q15c), Miscellaneous (Q15d), or Other Operating Expenditures (Q19).

**Question 22. Ongoing electronic resource purchases.** Report subscription expenditures (or those which are expected to be ongoing commitments) for serial publications whose primary format is electronic and for online searches of remote databases such as OCLC FirstSearch, DIALOG, Lexis-Nexis, etc. Examples include paid subscriptions for electronic journals and indexes/abstracts available via the Internet, CD-ROM serials, and annual access fees for resources purchased on a “one-time” basis, such as literature collections, JSTOR membership, etc. Not all items whose expenditures are counted here will be included in Serial titles currently received (Question 4) or Serials Expenditures (Question 15b).

**Q23. Bibliographic Utilities, Networks, and Consortia.** Because it is increasingly common for ARL Libraries to enter into consortial arrangements to purchase access to electronic resources, both “Library” and “External” expenditure blanks and instructions are provided. Please use a footnote to describe expenditures that you believe are not covered by the question, or situations that do not seem to fit the instructions.

**Q23a. From internal library sources.** Report expenditures paid by the Library for services provided by national, regional, and local bibliographic utilities, networks, and consortia, such as OCLC and RLG, unless for user database access and subscriptions, which should be reported in Questions 21 or 22. Include only expenditures that are part of Other Operating Expenditures (Q19).

**Q23b. From external sources.** If your library receives access to computer files, electronic serials or search services through one or more centrally-funded system or consortial arrangements for which it does not pay fully and/or directly (for example, funding is provided by the state on behalf of all members), enter the amount paid by external bodies on its

behalf. If the specific dollar amount is not known, but the total student FTE for the consortium and amount spent for the academic members are known, divide the overall amount spent by your institution's share of the total student FTE.

**Q24. Computer hardware and software.** Report expenditures from the library budget for computer hardware and software used to support library operations, whether purchased or leased, mainframe or microcomputer, and whether for staff or public use. Include expenditures for: maintenance; equipment used to run information service products when those expenditures can be separated from the price of the product; telecommunications infrastructure costs, such as wiring, hubs, routers, etc. Include only expenditures that are part of Other Operating Expenditures (Q19).

**Q25. Document Delivery/Interlibrary Loan.** Report expenditures for document delivery and interlibrary loan services (both borrowing and lending). Include fees paid for photocopies, costs of telefacsimile transmission, royalties and access fees paid to provide document delivery or interlibrary loan. Include fees paid to bibliographic utilities if the portion paid for interlibrary loan can be separately counted. Include only expenditures that are part of Miscellaneous Materials Expenditures (Q15d) or Other Operating Expenditures (Q19), and only for those ILL/DD programs with data recorded in Questions 34-35.

**Questions 26. Personnel.** Report the number of FTE (full-time equivalent) staff in filled positions, or positions that are only temporarily vacant. ARL defines temporarily vacant positions as positions that were vacated during the fiscal year for which ARL data were submitted, for which there is a firm intent to refill, and for which there are expenditures for salaries reported on line 17.

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. To compute full-time equivalents of part-time employees and student assistants, take the total number of hours per week (or year) 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 (or year). **Round figures to the nearest whole numbers.**

**Question 26a. 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 26b. Support Staff.** Report the total FTE (see instruction 26) of staff not included in 26a.

**Question 26c. Student Assistants.** Report the total FTE (see instruction Q26) 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.

**Question 27. Number of staffed library service points.** Count the number of staffed public service points in the main library and in all branch libraries reported in this inventory, including reference desks, information desks, circulation, current periodicals, reserve rooms, reprographic services (if staffed as a public facility), etc. Report the number of designated locations, not the number of staff.

**Question 28. Number of weekly public service hours.** Report an unduplicated count of the total public service hours per typical full-service week (i.e., no holidays or other special accommodations) across both main library and branches using the following method (corresponds to IPEDS): If a library is open from 9:00 a.m. to 5:00 p.m. Monday through Friday, it should report 40 hours per week. If several of its branches are also open during these hours, the figure remains 40 hours per week. Should Branch A also be open one evening from 7:00 p.m. to 9:00 p.m., the total hours during which users can find service somewhere within the system becomes 42 hours per week. If Branch B is open the same hours on the same evening, the count is still 42, but if Branch B is open two hours on another evening, or remains open two hours later, the total is then 44 hours per week. **Exclude 24-hour unstaffed reserve or similar reading rooms.** The maximum total is 168 (i.e., a staffed reading room open 7 days per week, 24 hours per day).

**Questions 29–30. Instruction.** Sampling based on a typical week may be used to extrapolate TO A FULL YEAR for Questions 29 and 30. Please indicate if responses are based on sampling.

**Question 29. 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. Do not include training for library staff; the purpose of this question is to capture information about the services the library provides for its clientele. Please indicate if the figure is based on sampling.

**Question 30. Participants in Group Presentations.** Report the total number of participants in the presentations reported on line 29. 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 31. Please indicate if the figure is based on sampling. Use a footnote to describe any special situations.

**Question 31. 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. The term includes information and referral service. Information sources include (a) printed and nonprinted material; (b) machine-readable databases (including computer-assisted instruction); (c) the library's own catalogs and other holdings records; (d) other libraries and institutions through communication or referral; and (e) persons both inside and outside the library. When a staff member uses information gained from previous use of information sources to answer a question, the transaction is reported as a reference transaction even if the source is not consulted again.*

If a contact includes both reference and directional services, it should be reported as one reference transaction. Include virtual reference transactions (e.g., e-mail, WWW form, chat). 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 31. Please indicate if the figure is based on 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 32–33. Circulation.** For Question 32, 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 33, report total circulation for the fiscal year including initial transactions reported on line 32 and renewal transactions. Exclude reserve circulations; these are no longer reported.

**Questions 34–35. Interlibrary Loans.** Report the number of requests for material (both returnables and non-returnables) provided to other libraries on line 34 and the number of filled requests received from other libraries or providers on line 35. On both lines, include originals, photocopies, and materials sent by telefacsimile or other forms of electronic transmission. Include patron-initiated transactions. Exclude requests for materials locally owned and available on the shelves or electronically. Do not include transactions between libraries covered by this questionnaire.

**Questions 36. PhD Degrees.** Report the number awarded during the 2007–2008 fiscal year. Please note that only the number of **PhD** degrees are to be counted. Statistics on all other advanced degrees (e.g., DEd, DPA, MD, JD) should not be reported in this survey. If you are unable to provide a figure for PhDs only, please add a footnote.

**Question 37. PhD Fields.** For the purposes of this report, PhD fields are defined as the specific discipline specialties enumerated in the US 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 PhDs are awarded should be reported on the ARL questionnaire. Any exceptions should be footnoted.

**Question 38. Instructional Faculty.** Instructional faculty are defined by the US Department of Education as

*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 generally 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 2006–2007 (unless in previous years faculty were counted who should have been excluded according to the above definition). Please footnote any discrepancies.

**Questions 39–42. Enrollment.** US libraries should use the Fall 2007 enrollment figures reported to the Department of Education on the Integrated Postsecondary Education Data System survey. 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.

#### FOOTNOTES

Please consult the data entry Web interface ([www.arlstatistics.org](http://www.arlstatistics.org)) for a copy of last year’s footnotes. These can be found under “Data Repository” after you login into [www.arlstatistics.org](http://www.arlstatistics.org). Explanatory footnotes will be included with the published statistics. Reporting libraries are urged to record in the footnote section any information that would clarify the figures submitted, e.g., the inclusion and exclusion of branch campus libraries (see the “General Instructions” for definition of branch campus libraries). 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.

Submit the completed questionnaire  
by **January 30, 2009.**

For assistance, please e-mail Martha Kyrillidou ([martha@arl.org](mailto:martha@arl.org)) or Les Bland ([les@arl.org](mailto:les@arl.org))  
Tel. (202) 296-2296.

# ARL STATISTICS WORKSHEET 2007–2008

This worksheet is designed to help you plan your submission for the 2007–2008 *ARL Statistics*. The figures on this worksheet should be similar to those in the “Summary” page of your web form, except in cases where data are unavailable. If an exact figure is unavailable, use “NA/UA”. If the appropriate answer is zero or none, use “0.”

Reporting Institution \_\_\_\_\_ Date Returned to ARL \_\_\_\_\_

Report Prepared by (name) \_\_\_\_\_

Title \_\_\_\_\_

E-mail address \_\_\_\_\_ Phone number \_\_\_\_\_

Contact person (if different) \_\_\_\_\_

Title \_\_\_\_\_

E-mail address \_\_\_\_\_ Phone number \_\_\_\_\_

## PAGE ONE – VOLUMES

1. Volumes held June 30, 2008 (1a + 1b) (1) \_\_\_\_\_

1a. Volumes held June 30, 2007 (1a) \_\_\_\_\_

1b. Volumes added during the year (1b.i – 1b.ii) (1b) \_\_\_\_\_

(i) Volumes added – Gross (1b.i) \_\_\_\_\_

(ii) Volumes withdrawn during year (1b.ii) \_\_\_\_\_

2. Number of monographic volumes purchased (2) \_\_\_\_\_

3. Basis of volume count is: (3) \_\_\_\_\_ Physical

\_\_\_\_\_ Bibliographic

**SERIALS**

**4. Total number of serial titles currently received, including periodicals (4.a + 4.b) (4)** \_\_\_\_\_

4a. Number of serial titles currently purchased (4a.i + 4a.ii) (4a) \_\_\_\_\_

4a.i Electronic (4a.i) \_\_\_\_\_

4a.ii Print (and other format) serials purchased (4a.ii) \_\_\_\_\_

4b. Number of serial titles currently received but not purchased  
(4b.i + 4b.ii + 4b.iii + 4b.iv) (4b) \_\_\_\_\_

4b.i Consortial (4b.i) \_\_\_\_\_

4b.ii Freely accessible (4b.ii) \_\_\_\_\_

4b.iii Print (and other format) – *Exchanges, gifts, etc.* (4b.iii) \_\_\_\_\_

4b.iv Government documents (4b.iv) \_\_\_\_\_

**5. Government documents are included in count of Current Serials?** (5) \_\_\_\_\_ Yes \_\_\_\_\_ No

**OTHER LIBRARY MATERIALS**

**6. Microform units** (6) \_\_\_\_\_

**7. Government documents not counted elsewhere** (7) \_\_\_\_\_

**8. Computer files** (8) \_\_\_\_\_

**9. Manuscripts and archives (linear ft.)** (9) \_\_\_\_\_

**AUDIOVISUAL MATERIALS**

**10. Cartographic** (10) \_\_\_\_\_

**11. Graphic** (11) \_\_\_\_\_

**12. Audio** (12) \_\_\_\_\_

**13. Film and Video** (13) \_\_\_\_\_

**PAGE THREE – EXPENDITURES**

<b>14. Are the below figures reported in Canadian dollars?</b>	(14)	_____Yes_____No
<b>15. Total Library Materials Expenditures</b> (15a + 15b + 15c + 15d)	(15)	_____
15a. Monographs	(15a)	_____
15b. Serial titles, including periodicals	(15b)	_____
15c. Other Library Materials	(15c)	_____
15d. Miscellaneous	(15d)	_____
<b>16. Contract binding</b>	(16)	_____
<b>17. Total Salaries and Wages</b> (17a + 17b + 17c)	(17)	_____
17a. Professional staff	(17a)	_____
17b. Support staff	(17b)	_____
17c. Student assistants	(17c)	_____
<b>18. Fringe benefits are included in expenditures for salaries and wages?</b>	(18)	_____ Yes_____ No
<b>19. Other operating expenditures</b>	(19)	_____
<b>20. Total library expenditures</b> (15 + 16 + 17 + 19)	(20)	_____

**ELECTRONIC MATERIALS EXPENDITURES**

<b>21. One-time electronic resource purchases</b>	(21)	_____
<b>22. Ongoing electronic resource purchases (e.g., subscriptions, annual license fees)</b>	(22)	_____
<b>23. Bibliographic Utilities, Networks, and Consortia</b>		
23a. From internal library sources	(23a)	_____
23b. From external sources	(23b)	_____
<b>24. Computer hardware and software</b>	(24)	_____
<b>25. Document Delivery/Interlibrary Loan</b>	(25)	_____



**PAGE FOUR – PERSONNEL AND PUBLIC SERVICES**

**PERSONNEL** (Round figures to nearest whole number.)

**26. Total Staff FTE (26a + 26b + 26c)** (26) \_\_\_\_\_

26a. Professional staff, FTE (26a) \_\_\_\_\_

26b. Support staff, FTE (26b) \_\_\_\_\_

26c. Student assistants, FTE (26c) \_\_\_\_\_

**STAFFED SERVICE POINTS AND HOURS**

**27. Number of staffed library service points** (27) \_\_\_\_\_

**28. Number of weekly public service hours** (28) \_\_\_\_\_

**INSTRUCTION**

**29. Number of library presentations to groups** (29) \_\_\_\_\_

29a. Is the library presentations figure based on sampling? (29a) \_\_\_\_\_Yes \_\_\_\_\_No

**30. Number of total participants in group presentations reported in line 29**  
(30) \_\_\_\_\_

30a. Is the total participants in group presentations figure based on sampling? (30a) \_\_\_\_\_Yes \_\_\_\_\_No

**REFERENCE**

**31. Number of reference transactions** (31) \_\_\_\_\_

31a. Is the reference transactions figure based on sampling? (31a) \_\_\_\_\_Yes \_\_\_\_\_No

**CIRCULATION**

**32. Number of initial circulations** (excluding reserves) (32) \_\_\_\_\_

**33. Total circulations** (initial and renewals, excluding reserves) (33) \_\_\_\_\_

**INTERLIBRARY LOANS**

**34. Total number of filled requests provided to other libraries** (34) \_\_\_\_\_

**35. Total number of filled requests received from other libraries or providers** (35) \_\_\_\_\_

**PhD DEGREES AND FACULTY**

**36. Number of PhDs awarded in FY2007–2008** (36) \_\_\_\_\_

**37. Number of fields in which PhDs can be awarded** (37) \_\_\_\_\_

**38. Number of full-time instructional faculty in FY2007–2008** (38) \_\_\_\_\_

**ENROLLMENT – FALL 2007**

*(Line numbers refer to IPEDS survey form.)*

**39. Full-time students, undergraduate and graduate** (39) \_\_\_\_\_  
*(Add line 8, columns 15 & 16, and line 14, columns 15 & 16.)*

**40. Part-time students, undergraduate and graduate** (40) \_\_\_\_\_  
*(Add line 22, columns 15 & 16, and line 28, columns 15 & 16.)*

**41. Full-time graduate students** *(Line 14, columns 15 & 16.)* (41) \_\_\_\_\_

**42. Part-time graduate students** *(Line 28, columns 15 & 16.)* (42) \_\_\_\_\_

**FOOTNOTES**

On the Web form, you will be able to add footnotes to individual questions, as well as footnotes that apply to your entire institution. Please provide any information which would clarify the figures submitted, e.g., the inclusion of branch campus libraries or any special projects which might cause radical increases or decreases. Please use the footnotes in the *ARL Statistics 2006–2007* for comparison if necessary. Please consult the data entry Web interface ([www.arlstatistics.org](http://www.arlstatistics.org)) for a copy of last year's footnotes. These can be found under "Historical Data" by clicking a survey's arrow icon under

the “View Summary” column and then selecting the “Footnotes” tab. 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.

Submit the completed questionnaire by **January 30, 2009**.

For assistance, please e-mail Martha Kyrillidou ([martha@arl.org](mailto:martha@arl.org)) or Les Bland ([les@arl.org](mailto:les@arl.org))  
Tel. (202) 296-2296.



## FOOTNOTES

Footnotes may also include errata and corrections to data from prior years not previously reported. Numbers refer to columns in Library Data Tables and to Questionnaire numbers. Unless otherwise stated all figures are as of 06/30/2008.

QUESTION NUMBER	FOOTNOTE
<b>ALABAMA</b>	
	All figures are as of 09/30/2008.
	Library branches included: main, law, and health sciences libraries.
1a	Volumes held June 30, 2007 revised to 2,844,387. 5,643 added to historical count due to retrospective government document cataloging; health sciences had a difference in 2006–2007 volumes held 9/30/07 (17,857) and 2007–2008 volumes held 9/30/07 (20,791) due to adjustments to problem records in ILS.
2	5,821 e-books included in monographic volumes purchased.
4	Number increased significantly from 2006–2007 due to new ARL counting procedures and better local tracking in Serials Solutions Knowledgebase. De-duplicated using best practices procedures distributed by ARL for Serials Solutions. De-duplicated using ISSNs and other identification as described in best practices document. For the electronic titles, there were 30,598 without ISSNs.
4a	The number of serials titles currently purchased (44,089) is composed of (4ai) electronic: 41,705 and (4aii) print: 2,384. Both (4ai) and (4aii) were changed to UA/NA so that the operating system could aggregate other figures from the Alabama Law and Health Sciences surveys.
4b	The number of serials titles currently received but not purchased (19,034) is composed of (4bii) freely accessible: 17,518 and (4biii) print: 1,516. Both (4bii) and (4biii) were changed to UA/NA so that the operating system could aggregate other figures from the Alabama Law and Main library surveys.
4bi, 4bii	Separate numbers of consortial and freely available not available.
15d	Includes Center for Research Libraries (CRL) membership.
19	Includes bibliographic utilities, memberships (except CRL), and literature searching.
<b>ALBERTA</b>	
	All figures are as of 03/31/2008.
	Library branches included: Health Sciences Library and the Law Library are included.
1	Includes e-Book titles.
1a	Includes e-Book titles held at the end of March 2007.
2	Past figures were inaccurately reported. Precise number of monographs purchased from 2000-01 onward is unavailable; all monographs purchased are included in gross volumes added.
4–4b	Includes government documents.
7	This data is included in microform units.
15–25	All expenditures were reported in Canadian Dollars. Expenditures as reported in Canadian dollars: (15a) \$6,148,532; (15b) \$10,258,161; (15c) 0 (15d) \$643,927; (15) \$17,050,620 (16) \$83,550; (17a) \$7,279,475; (17b) \$10,266,485; (17c) \$1,126,258; (17) \$18,672,218; (19) \$11,286,901; (20) \$47,093,289; (21) \$7,430,459; (22) \$7,237,813; (23a) 0 (23b) 0 (24) 0 (25) 0.
15c	Cannot be disaggregated from monograph expenditures (15a) and serial expenditures (15b).
15d	Includes GST (Goods and Services Tax), postage, courier, and supplies expenditures, as well as membership expenditures not already paid through the materials budget.
17	Excludes fringe benefits.
21	This figure includes over 5 million of funding provided for digital library content.
26c	Figure based on actual hours worked. Prior to 2000–2001, figures were based on hours hired to work.
32	Now excludes all renewals.
33	Now includes renewals done over the internet-- these were not included in years prior to 2007–2008.
35	We were unable to provide this figure for 2003–2004. We can now provide it again effective with the 2004–2005 report.
36	This figure can vary from year to year.

## ALBERTA, cont.

- 37 Number of PhD fields can vary from year to year.

## ARIZONA

Library branches included: Main, Science Engineering, and Fine Arts.

- 1a Volumes held June 30, 2007 revised to 5,702,736.

## ARIZONA STATE

Library branches included: ASU Tempe, ASU West, ASU Polytechnic, ASU Downtown Phoenix, and the Law Library.

- 1a Volumes held June 30, 2007 revised to 4,351,495.  
 3 Only the Polytechnic library portion (which is 895) is a bibliographic count.  
 7 2006–2007 figure revised to 659,603.  
 8 2006–2007 figure revised to 7,169.  
 35 2006–2007 figure revised to 43,636.  
 42 2006–2007 figure revised to 4,920.

## AUBURN

All figures are as of 09/30/2008.

Library branches included: Charles Allen Cary Veterinary Medical Library; Library of Architecture, Design and Construction.

## BOSTON

All figures are as of 06/30/2008.

Library branches included: Mugar (main), Theology, and Special Collections libraries.

- 1a Volumes held June 30, 2007 revised to 2,755,000.

## BOSTON COLLEGE

Library branches included: John J Burns Library of Rare Books and Special Collections, Bapst Library, School of Social Work Library and the Educational Resource Center.

- 1a Volumes held June 30, 2007 revised to 2,487,141.  
 15c Significant purchases of backfiles and manuscript collection account for 2007–2008's higher number.  
 25 Amount submitted for 2006–2007 was not accurate. This year's data (2007–2008) are accurate.

## BRIGHAM YOUNG

All figures are as of 12/31/2007.

- 4bi Given the nature of our reporting period, an attempt will be made to include this in the next year's (2008–2009) statistical survey. For now, this figure may be lumped into (4bii) & (4biii).  
 29 The increase in groups and participants reflects expanding the count to capture not just traditional library instruction courses, but all other library sponsored presentations as defined in the instructions.

## BRITISH COLUMBIA

All figures are as of 03/31/2008.

Library branches included: Applied Sciences Reading Room, Archaeology Reading Room, Architecture Reading Room, Art + Architecture + Planning library, Art History Visual Resources Centre, Asian Library, Biomedical Branch Library, B'nai Brith Reading Room, Botanical Gardens Reading Room, Coolie Verner Reading Room, Crane Library, David Lam Library, Education Library, Geographic Information Centre, Hamber Library, ICICS/Computer Science Reading Room, Irving K. Barber Learning Centre, Koerner Library, Law Library, LERC Reading Room, Museum of Anthropology Reading Room, Music Library, Okanagan Library, Psychiatry Reading Room, Rare Books & Special Collections, Regent College John Richard Allison Library, Robson Square Library, Science & Engineering Division, St. Mark's College Library, St. Paul's Hospital Library, TAG Reading Room, TRIUMF Library, University Archives, Vancouver School of Theology Library, Womens' Resources Centre, Womens' Studies Reading Room, Woodward Library, Xwi7xwa Library (First Nations House of Learning).

The Irving K. Barber Learning Centre opened in spring 2008; the UBC Okanagan campus continued to grow.

- 1 Includes 284,711 e-books.  
 1bi Includes 23,096 new e-books.  
 4 Current serial titles de-duped (purchased/not purchased).

## BRITISH COLUMBIA, cont.

- 4ai Cannot provide “received but not purchased” serials information.
- 4aii Print serials: decrease in subscriptions (reflects Transition to Online program); serial titles are de-duped.
- 8 Increase in numeric datafiles; e-databases.
- 11 Graphic materials increased because of gifts to University Archives and Art History Visual RC collections.
- 13 Film/video materials increased because of gifts to University Archives and Art History Visual RC collections.
- 15–25 Expenditures as reported in Canadian dollars: (15a) \$3,329,815; (15b) \$10,509,335; (15c) \$841,156; (15d) \$387,589; (15) \$15,067,895; (16) \$137,000; (17a) \$8,585,798; (17b) \$6,739,533; (17c) \$842,870; (17) \$16,168,201; (19) \$3,995,503; (20) \$35,368,599; (21) \$178,426; (22) \$7,547,413; (23a) \$345,394; (23b) \$0; (24) \$327,019; (25) \$144,007.
- 15a Amount decrease because of reallocation to serials.
- 15b Decreased due to transition to online program (print cancellations) and prepayments in 2006–2007.
- 16 Decreased serial binding because of the “Transition to Online” program for serials.
- 17b There were no signing bonus expenditures for support staff in 2007–2008.
- 17c Salaries for student assistants: rose because of increased staff at UBC Okanagan campus; increase in cooperative education programs and increase in services for the opening of the new Barber Learning Centre.
- 19 Includes additional expenditures for opening of new Barber Learning Centre.
- 20 Total library expenditures show decrease in budget. See footnotes for (15) and (17b).
- 21 One time computer files purchase figure includes expenditures for e-books.
- 25 Decreases in Document Delivery/ILL expenditures because of consortial agreements and increased online access.
- 26b Increase in support staff at UBC Okanagan.
- 26c Increase in student assistant staff because of cooperative education programs, UBC Okanagan, and the opening of the Barber Learning Centre.
- 27 Closed 2 branches: MacMillan and Math branches.
- 42 UBC Okanagan growth continuing in graduate students.

## BROWN

Library branches included: Rockefeller Library, Sciences Library, John Hay Library, Orwig Music Library, Art Slide Library, Library Collections Annex, John Carter Brown Library.

Medical library statistics cannot be disaggregated from the main because the medical collection is an integral part of the Sciences Library.

- 1a Volumes held June 30, 2007 revised to 3,742,950.
- 4a Increase represents upgrade in electronic resources (e.g., Business Source Complete), changes to aggregate resources, and the purchase of individual new journal titles.
- 15a Increase represents primarily changes in JCB purchases.
- 16 Decrease due to stopping the binding of shelf-ready receipts.
- 32 Corrected 2006–2007 figure: 198,849. Corrected 2005–2006 figure: 221,448.
- 33 Corrected 2006–2007 figure: 301,692. Corrected 2005–2006 figure: 302,892.
- 40–42 Normal fluctuation in part-time students enrolled.

## CALIFORNIA, BERKELEY

- 1a Volumes held June 30, 2007 revised to 10,897,766. This total includes Tier 1 e-book volumes purchased collectively with University of California Partner Libraries: 473,819 (Tier 1: Acta Sanctorum, Literature Online, Oxford Scholarship Online, Early English books Online, Eighteenth Century Collections Online, Safari Tech Books, Schillers Werke). Additionally, the Berkeley campus e-book volumes total 73,857 (Tier 3: ebrary and netLibrary selections, World Bank E Library, Humanities/History E Books Project, Oxford Scholarship Online Special Subjects, Congressional Hearings Retrospective A). The Berkeley campus has independently acquired 113, 396 e-book volumes (ebrary selections, netLibrary selections, World Ban Elibrary, Humanities/History E Books Project, Oxford Scholarship Online Special Subjects, Congressional Hearing Retrospective A).

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**CALIFORNIA, BERKELEY, cont.**

- 3            We used a combination of both physical and bibliographic counts to respond to this question. The source of our information for supplying volume counts has historically been a physical count created by aggregating annual incremental reports by library unit managers. However, these last 2 years (2006–2008) e-books were added to the question, and we used a bibliographic count for these. Counts for e-books acquired through collective purchase are generated by our system-wide cataloging division. Counts for e-books acquired through independent campus-level purchase are derived from our local inventory managed by the Electronic Resources Librarian through an Electronic Resource Finder (ERF).
- 4bi–4biv    Our method for generating a total number for serials relies upon a review of our OPAC. We were able to de-duplicate holdings for multiple print titles, and holdings in which we had both an open holding statement for electronic and print. We are unable to distinguish paid for and free active titles with our current method of generating the data so we entered the totals in (4a) and (4b) and left (4b) subtotals UA/NA.

**CALIFORNIA, DAVIS**

- 1a            Volumes held June 30, 2007 revised to 3,602,106.
- 1bi            Previous reporting did not include e-books that are part of the collection and cataloged locally.
- 1bii           Extensive weeding was conducted in the 2006–2007 reporting period.
- 4–4ai        A revised methodology for counting purchased serial titles was used for the 2007–2008 reporting period.
- 4b–4biii    A revised methodology for counting non-purchased serial titles was used for the 2007–2008 reporting period.

**CALIFORNIA, IRVINE**

- 1a            This figure was revised to 2,973,408. Per ARL instructions, this figure includes 195,487 e-books that were added during 2007–2008.

**CALIFORNIA, LOS ANGELES**

- 1a            Volumes held June 30, 2007 revised to 8,282,525.
- 4            This figure is repeated from the previous year (2006–2007). Because of the process of identifying a process to dedupe and capture data in compliance with the new definition and due to this transition we are publishing the same figure as last year (2006–2007). UCLA has not yet determined accurate counts for subscription titles that are obtained without cost via the internet, since these titles do not have order records in UCLA's bibliographic database. Because there is a significant increase in these titles, UCLA is devoting efforts to capturing this information in a systematic and reliable way for the next annual statistical report.
- 38            Number of full-time faculty has increased to 1,948.

**CALIFORNIA, RIVERSIDE**

- 4a            The rationale for the significant difference in serials statistics for the University of California, Riverside Libraries for 2007–2008 is: a) an increase in serial titles resulting from consortial co-investments; b) an increase in the number of government documents serial titles that have been entered into our cataloging records.

**CALIFORNIA, SAN DIEGO**

- Library branches included: Arts Library, Center for Library & Instructional Computing Services, International Relations & Pacific Studies Library, Mandeville Special Collections Library, Science & Engineering Library, Scripps Institution of Oceanography Library, Social Sciences & Humanities Library.
- Biomedical Library and Medical Center Library are included in the ARL Survey for Health Sciences Libraries.
- 1            E-book figures are not cataloged into a specific library since they are not site specific. Their numbers are all reported on the Main Library Survey, Geisel Library.
- 1a            Volumes held June 30, 2007 revised to 3,125,499.
- 17            Increase in salaries is due to several high salaried positions created and filled, coupled with a reduction in turnover of positions.
- 17c           Although student FTE decreased, actual expense increased due to the minimum wage increase, additional duty increases, and the addition of a Student Security Unit.
- 28            Weekly public service hours extends to 168 during finals week each quarter when we do have a staffed library open 24 hours, 7 days a week.
- 31            Includes 4,412 virtual reference transactions.

**CALIFORNIA, SANTA BARBARA**

- 28            2006–2007's figure multiplied the number of weekly public service hours times the number of service hours for each service point, making it inaccurate. 2007–2008's figure reflects the actual number of weekly public service hours.

**CASE WESTERN RESERVE**

Library branches included: the Mandel School of Applied Social Sciences- Harris Library.



#### CASE WESTERN RESERVE, cont.

- 1a Volumes held June 30, 2007 revised to 2,735,459. An adjustment was made to the Volumes Held 6/30/07 figure to include e-books that have been added to the collection (including: Early American Imprints, Series I and II; EEBO, EEBO-TCP, Safari Tech Books Online and Reference resources).
- 9 This number includes the University Archives, which now reports to the Kelvin Smith Library (Main Library).
- 15d This expenditure includes: memberships for ARL, SPARC, CNI, CLIR, OhioLINK and ICPSR. Also included is ARL Conference on Diversity, ARL LibQUAL+® Survey and theses charges from ProQuest.

#### CENTER FOR RESEARCH LIBRARIES

- 17a The increase in Professional salaries from 2006–2007 to 2007–2008 was mainly due to the addition of a few higher paying jobs, along with internal promotions (from support staff to professional staff).
- 26b Total FTE was 18.5 but question requires an integer. In order to have a total of 61 FTE this figure was rounded down.
- 26c Total FTE was 12.5, but question requires an integer. In order to have a total of 61 FTE, this figure was rounded up.

#### CHICAGO

- 1 Includes 851,880 electronic monographs.
- 1a Volumes held 30 June 2007 revised to 8,351,863. Increase due in part to addition of MARC records for monographic titles available in databases and addition of MARC records for USGPO electronic monographs.
- 2 Includes 36,414 electronic monographs purchased in 2007–2008; does not include monographs for which we previously had access and had counted as added, but added MARC records for in 2007–2008.
- 4 This increase (over 2006–2007) can be attributed to a growth in available free e-journals. This is due to an expansion in the number of available and cataloged free e-journals and the addition of MARC records for USGPO online documents.
- 4b This increase can be attributed to the addition of MARC records for government documents (almost 11,000) and an addition to the number of freely accessible journals added to our catalogs (about 5,000).
- 8–13 Excludes unprocessed and partially processed items.
- 23a Includes standard ongoing operating costs only.
- 23b This is an estimated figure.
- 32 Effective 2007–2008, circulation figures exclude departmental charges that had previously been included. Had we not made this adjustment, the circulation figure would have been 458,057.
- 35 Includes 486 requests filled by the Center for Research Libraries.
- 38 In previous years we understood the request to cover only those full-time instructional/research staff with faculty status. In 2007–2008 we determined that we should count all full-time instructional/research staff without regard to faculty status. An additional 410 personnel were added as a consequence of our more inclusive definition.

#### CINCINNATI

- All University of Cincinnati Libraries located on its central campus are included.
- Two branch libraries on two-year college campuses, Raymond Walters College and Clermont College, are not included in the ARL statistics.
- 1a Volumes held June 30, 2007 revised to 3,547,887. Adjustments: net adjustment is an adjustment of 129,067 volumes. 2,705 net Gov Docs adjustment-- 3,357 Government documents volumes cataloged retroactively; 652 volumes subtracted for Government documents cleanup. 166,278 volumes added for batch loads of e-resources (1 time, of 5,000 or more): ECCO, NBER, Chadwyck-Healey LION. 39,916 volumes withdrawn in a lost, missing cleanup of stacks.
- 3 Figure is historically based upon a bibliographic count. Additions and deletions based on physical count.
- 4 Notes on the serial counts; the serial count is by title, deduped, in a “cascading hierarchy”: (1) Paid (1st electronic, then other format); A large majority of the substantial number of serial titles received via our consortium are paid via an index figure based upon titles owned when the relationship with the publisher began (therefore we considered them all paid). (2) Not purchased (the not purchased titles are not separated by electronic vs. print and other formats, but by source). (3) The Not-purchased titles in the Freely-accessible and Government documents categories have very little overlap, because of the strategy used to construct that the serial list, and then were deduped; however, numbers here are only the titles which have not already been included in the Paid category. (4) The Freely-accessible titles include the titles marked as “free” from Serials Solutions, so long as those same titles had not already been recorded in the paid Serials Solutions titles. (5) Some Government document titles are also included in Paid Serials Solutions aggregates, and not-purchased Government document titles could also be included in the free Serials Solutions titles.
- 7 Government documents not counted elsewhere are smaller because of retrospective cataloging of documents.
- 17 Part of difference in salaries total caused by \$88,000 retirement payment made in 2006–2007 but not during 2007–2008.

## CANADA INSTITUTE OF SCIENTIFIC AND TECHNICAL INFORMATION

All figures are as of 03/31/2008.

- 1 We have been using a piece count, but as of 2007–2008 we will use assumed volume count of 10 volumes per foot, which will cut the collection to 1,688,187.
- 15–25 Expenditures as reported in Canadian dollars: (15a) \$524,029; (15b) \$10,685,356; (15c) \$304,704; (15d) \$11,810; (15) \$11,525,899; (16) \$0; (17a) \$0; (17b) \$0; (17c) \$0; (17) \$23,053,000 (19) \$11,853,101; (20) \$46,432,000; (21) \$304,704; (22) \$1,980,558; (23a) \$0; (23b) \$0; (24) \$2,276,904; (25) \$0.

## COLORADO

Library branches included: Business, Earth Sciences, Engineering, Math/Physics, Music.

### COLORADO, cont.

- 1 Includes 14,411 e-books.
- 2 Includes 101 e-books.
- 4aii This number is higher than 2006–2007, but we think this is more accurate.
- 4bii
- 10 Does not include virtual title access to 11,067 Rumsey maps acquired in 2007–2008.
- 11 Large increase due to the Archives Department obtaining two large collections (David Jarrett photo collection and Office of Publications and Creative Services collection).
- 15c Includes gift funds.
- 15d Includes the following: electronic archiving \$9,750; GPO shelflist service;\$4,622; III services \$108,137; interlibrary loan \$29,848; MARC record batches \$38,125; memberships \$274,189; BCR \$153,560; OPAC enhancements \$7,500; projects \$105,276; storage (Boulder) \$14,645; RLIN \$23; Prospector \$5,500; shelf-ready processing \$42,330.
- 23a We are reporting zero here because these types of expenditures do not come out of our operating expenditures; they come out of our materials budget under the miscellaneous category.
- 24 This figure is about \$40,000 less than 2006–2007. In 2006–2007, we spent \$20,000 more on servers and \$30,000 to renew MS licenses.
- 27 We are moving toward a one-desk reference service point, so several of our staffed service points have been eliminated.
- 34 The number of filled requests through ArticleReach rose dramatically in 2007–2008.

## COLORADO STATE

- 1a Volumes held June 30, 2007 revised to 1,994,256. Library staff reevaluated the way e-books were being recorded.
- 2 Monographic volumes for 2006–2007 should have been 27,576.
- 4bi These are counted with the purchased titles.
- 7 Government Documents not appearing on the catalog are no longer counted.
- 8 Library has done a re-evaluation as to how computer files are recorded in the catalog.
- 9 Increase of donated materials-- both from the community and the campus.

## COLUMBIA

Columbia data includes The Columbia Center for New Media Teaching and Learning (CCNMTL) and the Center for Digital Research and Scholarship (CDRS).

- 1 Includes 679,755 e-books for Butler Library and 65,203 e-books reported by Teachers College Library.
- 1a Volumes held June 30, 2007 revised to 10,004,848.
- 2 Includes 349,797 e-books.
- 4 Teachers College information serials information reflects unique titles; all other titles received by Teachers College overlap with, and are counted in, Butler Library.
- 15d Includes costs associated with maintenance of collection (e.g., shipping, supplies, relocation, memberships).
- 17c Additional graduate assistants and part-time positions were added to the library budget (Teachers College).
- 19 2006–2007 figure should have been \$1,013,450 (Teachers College).
- 20 2006–2007 figure should have been \$3,841,617 (Teachers College).

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**COLUMBIA, cont.**

- 25 Butler Library has a credit balance for 2007–2008 of \$42,757 but system will not accept a credit. The total for Columbia has been correctly submitted by adjusting other units -- correct totals for Columbia are: Butler \$42,757 (credits); Health Sciences \$8,609; Law \$25,643; Teachers College \$38,541 for a total expenditure of \$30,036 (note: subtract Health Sciences, Law and Teachers College from Butler's figure to get total expenditure). Barnard's numbers are included in Butler's report.
- 26c Figure for 2006–2007 should have been 16 (Teachers College).
- 32 2006–2007's figure included check-ins and check-outs. Check-outs should have been 45,072 (Teachers College).
- 33 2006–2007's figure included check-ins and check-outs. Check-outs and renewals should have been 66,173 (Teacher College).
- 35 All ILL requests initiated by Barnard are handled centrally by Columbia University.

**CONNECTICUT**

- Library branches included: Music, Art, Pharmacy, Avery Point, Waterbury, Stamford, Torrington, Greater Hartford.
- 1a Volumes held June 30, 2007 revised to 3,964,901.
- 1b Volumes held June 30, 2007 revised to 8,030,766. The main library undertook a project to eliminate materials no longer relevant to the institution's current curriculum.
- 1bi–1bii The main library undertook a project to eliminate materials no longer relevant to the institutions current curriculum.
- 4a–4aii Figures reported for 2006–2007 were incorrect. Methodology for de-duping and counting serial titles was revised according to ARL "Best Practice Documentation" for 2007–2008. Titles counts now accurately reflect UConn holdings. Ongoing commitment to convert print subscriptions to online format when feasible.
- 4b Figures reported for 2006–2007 were incorrect. Methodology for de-duping and counting serial titles was revised according to ARL "Best Practice Documentation" for 2007–2008, title counts now accurately reflect UConn holdings.
- 4biii Ongoing commitment to convert print subscriptions to online format when feasible.
- 16 Less physical materials to bind as a result of an increase in online and digital collections.
- 17 Slight decrease in FTE being reported for this time period. Fringe benefits are no longer being included in the salary expenditure figures, this accounts for the decrease in expenditure being reported between 2006–2007 and this reporting period (2007–2008).
- 17c Slight increase in FTE being reported for this time period. Increase in federal minimum wage scale has had an impact on student payroll.
- 19 Increased cost for goods and services for this reporting period (2007–2008).
- 21 Limited purchasing of electronic backfiles for 2007–2008.
- 22 Increased emphasis on electronic access to materials.
- 24 This figure reflects an increase in funding for equipment.
- 25 Increased expenditure in IMF fees as borrowing requests increase.
- 30 Library is engaged in an effort to reduce number of participants in each presentation in order to facilitate a more effective learning environment.
- 31 The number of users seeking out reference assistance has reduced. The number of library staffed hours at a designated reference service point have been reduced.
- 35 Information discovery tools are expanding and improving resulting in our users requesting additional sources, many of which are esoteric in nature, for their research that are not available from the libraries' exisiting collections.
- 39 Figures demonstrate an increase in applications and enrollment.

**CORNELL**

- Library branches included: the Adelson, Africana, Annex, Asia Collections, Engineering, Fine Arts, Hotel, Industrial & Labor Relations, Rare & Manuscript Collections, Law, Management, Mann/Entomology, Mathematics, Music, Olin, Physical Sciences, Uris, and Veterinary Libraries on the Ithaca campus, and the New York Agricultural Experiment Station Library in Geneva NY.
- Excludes the Medical College Library in New York, NY.
- 1a Volumes held June 30, 2007 revised to 8,030,766. Change in volumes held June 30, 2007 reflects the fact that additional e-books were counted. Includes all e-books with records in the online catalog.
- 4 The count was calculated before the 2007–2008 definition was released, following the 2006–2007 definition. This is an estimate only. 8,700 were estimated to be non-current e-titles. Includes numbered and unnumbered monographic series. Law print count includes non-serial continuations.
- 9 Figure is in cubic feet.

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**CORNELL, cont.**

- |       |   |
|-------|---|
| 15a   | Most integrating resource expenditures are included in monographic expenditures.  |
| 15d   | This figure reflects shipping costs only.   |
| 17a   | For libraries other than Law, includes expenditures for librarians only. For Law, includes expenditures for librarians and “exempt” staff.                                |
| 22    | Includes an estimate for amount spent on electronic subscriptions for large publishers providing both print and electronic whose payment records are coded as print only. |
| 26    | Does not include staff in positions that were temporarily vacant. Includes professional, support and student staff on grants and projects.                                |
| 26a   | For libraries other than Law, includes librarians only. For Law, includes librarians and “exempt” staff.  |
| 28    | Includes 27.5 security-staffed hours (only study space and computer lab available). 2006–2007’s figure should have been 146.  |
| 31a   | Data is from 12 random sample weeks (same as 2006–2007).  |
| 32–33 | Includes ILL lending and some staff transactions.   |

**DARTMOUTH**

Library branches included: Feldberg Business & Engineering Library, Kresge Physical Sciences Library, Paddock Music Library, Sherman Art Library, Rauner Special Collections Library and College Archives.

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|--------|---|
| 1a     | Volumes held June 30, 2007 revised to 2,732,828.  |
| 4      | Count of serials titles was made using a different source this year (2007–2008), which we believe is more accurate.   |
| 11     | Reduction due to large discard project.   |
| 40, 42 | Part-time enrollment is primarily non degree-seeking students. Undergraduate degree-seeking students are full-time by requirement. Graduate arts and sciences program part-time enrollment varies widely from year to year. |

**DELAWARE**

- |    |   |
|----|---|
| 1a | Volumes held June 30, 2007 revised to 2,741,215.  |
| 4  | ARL’s new methodology that counts unique titles was fully implemented for the 2007–2008 statistics. |
| 9  | Excludes the University Archives, which are not administered by the Library.                        |
| 32 | Library’s automated system does not differentiate between initial loans and renewals.               |

**DUKE**

Library branches included: Biological & Environmental Sciences Library, Divinity School Library, Ford Library, Library Service Center, Lilly Library, Marine Lab Library, Music Library, Special Collections Library.

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|---------|--|
| 1a      | Volumes held June 30, 2007 revised to 5,849,608.   |
| 1b–1bii | Increase due to contrast with 2006–2007’s data. In 2006–2007 the Medical Center Library and the Ford Business Library withdrew many volumes.   |
| 4, 4b   | Increased numbers for 2007–2008 are due to improved data compilation in this area.   |
| 4bii    | The increase is due to this data being unavailable in 2006–2007. This is an estimate based on SFX data.  |
| 4biii   | Increase due to improved data compilation in this area for 2007–2008.  |
| 12      | Increase due to increased collecting in this area.   |
| 15c     | Decreased figures due to decreased spending in this area.  |
| 17a     | Increase due to increased expenditures in this area.   |
| 19      | Increase due to increased expenditures in this area including a computer hardware “refresh” for all staff members in the main library.   |
| 21      | Decrease apparent because there was an increase in funding in this area due to Strategic Initiative Project funding supporting a one time purchase of electronic backfiles of serials.   |
| 22      | The main library adopted an e-only exceptions policy for serials. The policy is available here: <a href="http://library.duke.edu/about/collections/eonly.html">http://library.duke.edu/about/collections/eonly.html</a> . This adoption resulted in transferring many serial subscriptions from print to electronic. |
| 24      | Increase due to increased expenditures in this area including a computer hardware “refresh” for all staff members in the main library.   |
| 25      | Increase due to increased expenditures in this area.   |

#### DUKE, cont.

- 29–30 Decrease due to decreased participation in this area in 2007–2008.
- 35 Increase due to the creation of a shared consortia catalog available here, <http://search.trln.org/>, resulting in increased borrowing between Triangle Research Libraries Network institutions.
- 36 Increase due to normal fluctuation in this area.

#### EMORY

- Includes the Health Sciences Center, Hugh MacMillan (Law), Oxford College, and Pitts Theology libraries, as well as libraries at Grady Hospital and the Medical School.
- 1a Volumes held June 30, 2007 revised to 3,296,754.
- 4ai This was reported incorrectly for Main Library in 2006–2007. Should have reported 15,288.
- 15b In 2007–2008, this was paid by actual invoice rather than prepaying estimated invoice, and fund accounting practices also changed.
- 34 This was reported incorrectly for Theology Library in 2005–2006. Reported number was 19,850, but should have been 898.
- 38 Faculty counts have varied because of Health Science Library practices associated with counts of clinical faculty, and whether separate Medical School faculty numbers have been accounted for in years prior to 2007–2008.
- 39–40 Numbers for 2005–2006 and 2006–2007 were over-reported. Main number now adjusted with totals for Health Sciences, Law, Oxford, and Theology to equal Registrar's Fall 2007 totals.
- 41 Numbers for 2005–2006 and 2006–2007 were over-reported. Because Health Sciences provides student count separately, requires main to subtract that number from Registrar's report to provide correct totals.

#### FLORIDA

- Includes all Gainesville, Florida campus libraries: Marston (Science), Architecture/Fine Arts, Journalism, Music, Education, Law, and Health Science Center. Also includes the Health Science library facility in Jacksonville, Florida.
- 1a Volumes held June 30, 2007 revised to 4,230,703.

#### FLORIDA STATE

- Library branches included: Goldstein College of Information Library; Allen Music Library; Pepper Center Library; Panama City, Panama; Panama City, Florida Library; Ringling Museum of Art Library.
- 1a Volumes held June 30, 2007 revised to 2,803,491. The number for 2007–2008 (1a) is different than the number for the 2006–2007 question (1) due to a mathematical error in the 2006–2007 report. The correct number for (1) in 2006–2007 is 2,989,700.
- 15c Increase in this category is due to the inclusion of previously excluded categories: Database access and e-books.
- 23b 2006–2007's number was based on an incorrect formula. The figure for 2006–2007 should have been 463,059.
- 29 This number is almost double 2006–2007's figure. This is due to the large increase in instruction sessions at the Main Library. Additionally, this is due to a much better relationship with partners and establishing new relationships with partners; especially the First Year Experience (FYE) for incoming students.
- 31 The drop in reference transactions is due to an error made in the 2006–2007 survey. That number included directional transactions which should not be included in that category. The correction was made in this survey.
- 36 The 2006–2007 figure is incorrect. It should be 631. That puts the increase within the normal range.

#### GEORGE WASHINGTON

- 1a Volumes held June 30, 2007 revised to 1,733,391. The figures were changed because of extensive collection weeding and re-evaluation.
- 1b This figure reflects extensive collection weeding and re-evaluation.
- 1bi In 2006–2007, only "firm order" books were included in the shelf ready statistics. "Approval books" were added 2007–2008. There was an increase in SPEC cataloging which was the result of several influxes of SPEC materials that required cataloging. The focus of computer files was shifted to SPEC.
- 2 The 2006–2007 total monographs purchased should be 19,543. (Not 27,928 as reported previously).
- 4ai We gather this data from our SFX knowledge base. The increase in numbers purchased is due to a project that added foreign language (primarily Asian) serials. We have subscribed to many of these for several years, but were never available via SFX.
- 4aii This is a smaller number than 2006–2007 because of a project in 2007–2008 that cleaned up older purchase orders that had not yet been closed.
- 8 Decrease in purchase of individual computer files and cataloging requests.
- 15c These are one-time purchases of databases and backfiles. In 2006–2007 we added this expenditure to monographs (15a).

## GEORGE WASHINGTON, cont.

- |     |  |
|-----|--|
| 24  | Very little equipment was purchased in 2007–2008.                        |
| 26a | This includes three staff members hired for special projects and grants. |
| 26b | Includes 87 support staff and 20 contract employees.                     |
| 31  | 3,804 of this figure is from our e-mail/chat reference service.          |

## GEORGETOWN

- |    |  |
|----|--|
|    | Includes Woodstock Theological Center Library, Blommer Science Library, National Reference Center for Bioethics Literature, and SFS-Qatar Library.   |
| 4b | The number of serials titles currently received, but not purchased is (4b) 9,045 and is composed of (4bi) Consortial: UA/NA; (4bii) Freely Accessible: 7,503; (4biii) Print (and other format): 534 and (4biv): Government Documents: UA/NA. All subtotals of (4b) were changed to UA/NA so that the operating system could aggregate the 1,008 serials reported in (4b) of the Georgetown Medical library survey. |

## GEORGIA

- |     |  |
|-----|--|
|     | All figures are as of 07/31/2008.  |
|     | Library branches included: the Law Library.  |
| 1   | E-books held 167,810 (PAHO: 12; OECD: 2902; EEBO, EVANS, SABIN: 164,896; GALE: 10).  |
| 2   | E-books purchased 195 (OECD: 185; GALE: 10).   |
| 15d | Memberships \$95,366; bibliographic utilities \$114,585; shipping & handling \$45,910; EndNote- RefWorks \$39,605; Media/Maintenance \$56,815. |

## GEORGIA TECH

- |     |  |
|-----|--|
|     | Includes the Architecture Library.   |
| 17a | This number is significantly lower than in years prior to 2007–2008 as it reflects an attempt to more closely align it with the total staff count as reported in Question (26). Due to the campus accounting system, the number previously reported included some support staff. |
| 17b | This number is significantly higher than in years prior to 2007–2008 due to the change reported in footnote for (17a).   |

## GUELPH

- |          |   |
|----------|---|
|          | All figures are as of 04/30/2008.   |
|          | Library branches included: McLaughlin Library (Main), and the Ontario Veterinary College Library.   |
| 1a       | Volumes held June 30, 2007 revised to 1,846,798. Includes 267,830 e-books from a broad range of publishers. These were not reported on 2006–2007's survey since some major sets were still being catalogued.  |
| 1bi–1bii | Figures are for print-only volumes.   |
| 15–25    | Expenditures as reported in Canadian dollars: (15a) \$1,432,923; (15b) \$3,622,684; (15c) \$139,874; (15d) \$546,340; (15) \$5,741,821; (16) \$34,659; (17a) \$3,168,133; (17b) \$3,116,677; (17c) \$335,219; (17) \$6,620,029; (19) \$1,168,787; (20) \$13,565,296; (21) \$326,700; (22) \$3,374,454; (23a) \$189,454; (23b) \$272,901; (24) \$404,160; (25) \$82,568. |
| 19       | Does not include travel expenses.   |
| 23a      | Includes payments to Canadian Research Knowledge Network (\$20,000) and Ontario Council of University Libraries (\$169,454).  |
| 23b      | Represents monies received from Federal and Provincial governments to fund Canadian Research Knowledge Network purchases.   |
| 26a      | Increase in professional staff with expansion of Learning Commons programming.  |
| 32       | Previously reported 2006–2007 values were inaccurate; 179,824 is the correct figure.  |
| 33       | Previously reported 2006–2007 values were inaccurate; the correct figure is 450,645.  |

## HARVARD

- |     |  |
|-----|--|
| 1a  | Volumes held June 30, 2007 revised to 15,945,710.  |
| 15c | Increase the result of both digitization projects and acquisition of special collections.                              |
| 21  | Increase the result of both digitization projects, for some research resources and acquisition of special collections. |

## HAWAII

Library branches included: University of Hawaii at Manoa Library (main) housed in two buildings: Hamilton Library, Sinclair Library. Also includes the Health Sciences Library, and William S. Richardson School of Law Library.

#### **HAWAII, cont.**

- 4b Of the total of serials received but not purchased, 7,533 are electronic, but can not be further disaggregated into consortial or freely accessible. Therefore, the sub-parts of this question have been marked UA/NA.
- 10 Increase due to cartographic materials returned from processing and receipt of gift materials related to October 2004 flood.
- 17 Excludes personnel hired with special flood recovery funds: \$561,798 for professional and support staff and \$52,950 for student assistants.
- 17a Includes library faculty and Administrative Technical Professional (APT) personnel categories.
- 36–37 ARL Statistics 2006–2007 (with combined data for University of Hawaii at Manoa Library, Health Sciences Library, and William S. Richardson School of Law Library) contained an erroneous number for this item.
- 38–42 Hawaii’s faculty and student population figures published in the 2006–2007 ARL Statistics for (38)-(42) were incorrect. The correct numbers are: (38) 1,301; (39) 14,027; (40) 2,190; (41) 3,165; (42) 994.

#### **HOUSTON**

All figures are as of 08/31/2008.

Library branches included: Architecture & Art Library, Music Library, Weston A. Pettey Optometry Library, and the Pharmacy Library.

- 1bi The number of volumes added is smaller for 2007–2008. At the end of this year (2007–2008), available funds were transferred to purchase more electronic resources.
- 4 We began using SerialsSolutions during 2007–2008 and feel this has given us a much better count of the number of serials.
- 4ai This is the number of unique journal titles shown in SerialsSolutions minus consortial titles, minus freely accessible titles.
- 4aai This number has been de-duped against the electronic titles.
- 4bi Represents the number of unique titles in our TexShare databases as reported in the SerialsSolutions overlap analysis.
- 4bii Individual open access titles plus Directory of Open Access Journals titles.
- 16 Expenditures for binding increased as the library caught up with a binding backlog.
- 20 The difference between 2006–2007 and 2007–2008 total expenditures is due to a planned carry-over from 2006–2007. In 2007–2008, funds were expended for compact shelving, furniture and other planned expenses.
- 22 The library has made a concerted effort to add electronic materials in lieu of print expenditures.
- 23a Increased expenditures related to addition of SerialsSolutions and other increased costs.
- 24 Increased expenditures are for hardware and software purchases for our Learning Commons-- a new service offered by the library.
- 31 The library changed the way it counts reference questions. Previously, staff were asked to count all reference transactions for a short period of time (one week) and a formula was used to calculate a yearly figure. During 2006–2007, staff began counting every reference question. This was not done for the entire year, so the numbers that covered the same time period as the previous year’s sampling were used in the same formula to calculate the figure. There may have been some decrease because all transactions were not counted.

#### **HOWARD**

Library branches included: Main Library, Health Sciences Library and Law Library.

- 1a Volumes held June 30, 2007 revised to 2,435,249.
- 4 Title count, according to new criteria, including those in aggregated databases, if the title has a record in the library OPAC.

#### **ILLINOIS, CHICAGO**

Library branches included: Richard J. Daley Library, Science Library.

- 3 E-books count (17,222) is bibliographic.
- 9 Includes statistics for health sciences branches.
- 16 Figure included in item (19), other operating expenditures.
- 19 Includes portion of (23), Bibliographic Utilities, Networks and Consortia: OCLC, annual memberships for CIC and CARLI.
- 23a Does not include OCLC, membership in CARLI or CIC, which are included in (19) (Other Operating Expenditures).
- 34–35 Figures unavailable for all institutions with which UIC has reciprocal borrowing privileges. I-Share data for health sciences branch lending are included.

## ILLINOIS, URBANA

- 1a Volumes held June 30, 2007 revised to 11,482,565.

## INDIANA

The Law Library was included in this years (2007–2008) ARL Statistics.

The Medical Library was not included.

- 1a Volumes held June 30, 2007 revised to 8,552,806.
- 1bi Includes corrected e-book count.
- 4 2007–2008 is first year that comprehensive de-duping of print and electronic titles were reported.
- 24 Library purchases computer hardware on a three-year revolving basis.
- 27 Library in process of interpreting definition of service point.

## IOWA

Library branches included: Art, Biological Sciences, Business, Geoscience, Mathematical Sciences, Physics, Engineering, Music and Psychology libraries.

- 1a Volumes held June 30, 2007 revised to 4,791,330.
- 17a Includes programming staff that support libraries but not paid directly from libraries' budgets.
- 19 Including equipment costs that support libraries but not paid directly from libraries' budgets.
- 24 Including hard/software costs that support libraries but not paid directly from libraries' budgets.

## IOWA STATE

Library branches included: Statistical data from the Main Library and Veterinary Medical Library, plus three reading rooms (Design, Physical Sciences, and Math) are included in the Main Library figures.

- 10 Cartographic count dropped from 108,543 in 2006–2007 to 98,676 in 2007–2008. This was due to a weeding project in the Map Room prior to its merge into the new Media Center.

## JOHNS HOPKINS

Library branches included: Milton S. Eisenhower Library, Welch Medical Library, R.E. Gibson Library Applied Physics Laboratory, Bologna Center, Institute of the History of Medicine, Arthur Friedheim Library and J. Peabody Institute Archives, SAIS Mason Library, Washington Centers.

- 1a Volumes held 30 June 2007 revised to 3,724,594.
- 16 Amount reported for 2007–2008 in contract printing was understated by \$5,335 due to an error, which will be corrected in a subsequent reporting period.

## KANSAS

Includes Regents Center Library, Edwards Campus (Overland Park, Kansas).

Excludes University of Kansas School of Medicine Farha Library in Wichita, Kansas.

- 1a Volumes held June 30, 2007 revised to 4,191,836.
- 4a Expansion of existing and acquisition of new licensed full-text databases.
- 4b New process and method of reporting, so not comparable with years prior to 2007–2008.
- 15c 2007–2008 non-book materials: \$134K, one-time electronic resource purchases: \$873K.
- 16 Amount reported for 2007–2008 in contract printing was overstated by \$13,423 due to recording error, which will be corrected in a subsequent reporting period.

## KENT STATE

Included are Kent State branches (Ashtabula, Geauga, East Liverpool, Salem, Stark, Trumbull, and Tuscarawas) and campus libraries: Architecture, Chemistry/Physics, Fashion, Map, Mathematics/Computer science, Music.

- 4 Serial titles are not deduplicated.
- 4a, 15b The numbers reported represent an estimate and are not deduplicated. Serials have been difficult to deduplicate by title rather than by subscription since serials now come in multiple and differing formats. This estimate in serial titles has resulted in an increased number of serials, but a reduction in the expenditures for serials. Thus, our unit price for serials purchased may be unrealistically low.
- 29 Library orientation “tour” is now offered online, asynchronously, and is not included in this count.



#### KENT STATE, cont.

- 30 3,547 additional students (not included in this number) participated in our online asynchronous library orientation.

#### KENTUCKY

- 1a Volumes held June 30, 2007 revised to 3,636,191. Revised total: 98,481 e-books added to June 30, 2007 total.
- 2 136,277 volumes of an ECCO e-books package were purchased during 2007–2008, but have not been included in this count.
- 4ai Total includes medical library e-journals.
- 4bi–4bii Includes law and medical serials.
- 4biv Unable to de-duplicate government documents total for varying formats.
- 42 This is a significant decrease from 2006–2007.

#### LAVAL

All figures are as of 05/31/2008.

There are no separate law and medical libraries. The data for these sections are included in the main library statistics.

- 15–25 Expenditures as reported in Canadian dollars: (15a) \$2,734,064; (15b) \$7,396,666; (15c) \$156,669; (15d) \$192,253; (15) \$10,479,652; (16) \$77,024; (17a) \$4,348,480; (17b) \$5,914,892; (17c) \$48,826; (17) \$10,312,198; (19) \$613,458; (20) \$21,482,332; (21) \$470,395; (22) \$5,255,210; (23a) \$0; (23b) \$0; (24) \$0; (25) \$55,177.
- 25 Since VDX software installation, we have cancelled our subscription to two databases.

#### LIBRARY & ARCHIVES CANADA

All figures are as of 31/03/2008.

- 1 No inventory has been conducted recently. The only data currently available is the total number of bibliographic notices (pieces). At this time, no estimate could be prepared to determine the corresponding number of volumes.
- 15–25 Expenditures as reported in Canadian dollars: (15a) \$782,529; (15b) \$454,764; (15c) \$449,652; (15d) \$134,131; (15) \$1,824,076; (16) \$0; (17a) \$53,153,654; (17b) \$23,344,623; (17c) \$712,012; (17) \$77,210,289; (19) \$0; (20) \$79,034,365; (21) \$0; (22) \$38,848; (23a) \$0; (23b) \$0; (24) \$15,021,628; (25) \$11,307.

#### LIBRARY OF CONGRESS

All figures are as of 09/30/2008.

Library branches included: Library Services (i.e. Library of Congress general and special-format collections); Law Library of Congress is included, and is so footnoted (in instances for which statistics cannot be separated).

Library branches not included: National Library Service for the Blind and Physically Handicapped.

- 1 Figures are for volumes held as of Sept. 30, 2008. Total does not include 2,610,704 volumes held in the Law Library of Congress.
- 1a Figure revised from 29,864,066 reported in 2006–2007 to 29,775,178.
- 1b This figure excludes Law Library of Congress.
- 4bi Titles accessed via EZB consortium are counted with “freely accessible” in (4bii).
- 4bii Includes titles to which the Library of Congress (LC) has access through its membership in the Elektronische Zeitungen Bibliothek (EZB).
- 4biii Includes serial titles forwarded to the LC permanent collections from the US Copyright Office, estimated at 7,000 in 2006–2007 (estimated because of copyright transition to new automated system).
- 4biv Government documents serial are included in count of serial titles received but not purchased (4) (i.e. not counted separately).
- 15d Includes \$73,500 from materials funds to pay for bibliographic representatives in Greece, China, and West African countries; \$165,800 in payments to OCLC, Inc. for FirstSearch and reading room access to WorldCat; and \$1,670 FEDLINK fee (this amount is 7.75% of \$21,554, the portion of LC’s FirstSearch expenditure that is paid through FEDLINK).
- 16 Includes binding contracts administered by the Library’s overseas offices. For 2006–2007, LC figure should be corrected to 1,742,141.
- 24 Estimate pending final figures. Expenditure is expected to be lower than in 2006–2007, when an operating system upgrade of 5,100 Library workstations commenced.
- 25 Also reported under Miscellaneous Materials Expenditures (15d) and Bibliographic Utilities (23).
- 26a Permanent staff are reported as “Professional” or “Support staff” only within the Library Services service unit. All other staff are reported as “Professional,” including financial staff, human resources specialists, and information technology staff.
- 29 Slight decrease from 2006–2007, when LC offered many tours during the ALA Annual Conference held in Washington, DC. Also, in 2007–2008 LC initiated the self-guided Library of Congress Experience.

## LIBRARY OF CONGRESS, cont.

- 31 Includes 545,084 reference transactions in the public reading rooms; 323,469 in the US Copyright Office; 650 directed to the Preservation Directorate; and 871,287 reference transactions conducted by the Congressional Research Service.
- 32 Includes 1,131,411 items circulated to researchers on the Library of Congress campus and 156,356 items circulated to congressional members and staff (the only category of users who may charge items for use off-campus). Does not include items charged for telework or other technical processing.
- 34 Includes 5,812 non-returnables.

## LOUISIANA STATE

Library branches included: Health (Veterinary), Law Library and the Main Library.

- 1a Volumes held June 30, 2007 revised to 4,067,169. This number is revised from 2006–2007 to include 17,018 electronic books added in 2007–2008: Early American Newspapers, Series II and III, 1801-1819 (258); Early English Books Online (Pollard and Redgrave, STC I) (850); Early English Books Online (Wing, STC II) (3,750); Early English Books Online (Thomason Tracts) (2,127); Knovel (435); Naxos Music Library (4,574); Netlibrary Collection VI (3,638); Twentieth Century North American Drama (1,386).
- 1b Decrease is due to budget changes.
- 1bi This number comes from cataloging, database management, documents, serials, and special collections.
- 1bii This number comes from database management and documents.
- 2 This figure consists of 15,405 paper volumes plus 17,018 e-books.
- 4a The number of print serials was unavailable so the sub-questions of (4ai) and (4bi) have been marked UA/NA.
- 4aii Since this number is unavailable, one cannot accurately calculate the average price per serial purchased for 2007–2008 (i.e., the serials unit price is unrealistically low).
- 4b The number of consortial serials for the main library was unavailable so this has been marked UA/NA on the main library survey.
- 6 This number is derived from 5,576 microforms (from database management, documents, serials, and Special collections) added to the total from 2006–2007.
- 7 This number comes from the LSU Documents Depository Library and it has decreased every reporting period during the last few years leading up to 2007–2008.
- 8 This number comes from the “Count Items” report for this item category. For reporting purposes, a reported unit of 1 is equal to 1 CD-ROM, 1 COMPDISK, and 1 DVD-ROM (this excludes the VetMed library).
- 9 This number is composed 113 linear feet of manuscripts (as determined by Special Collections) to which the total from 2006–2007 has been added.
- 10 This number is reported by the Cartographic Information Center (CIC). The “count items” report is determined by counting a unit of 1 equal to 1 MAP (excludes VetMed library).
- 12 This number is derived from the “count items report” with 1 equal to 1 AUDIO-CASS, 1 AUDIO-CD, and 1 LP (Long Play phonograph records) (excludes VetMed library).
- 13 This number comes from the “count items” report. For this item, 1 is equal to 1 DVD, 1 Film reel, 1 Video cassette, and 1 Videodisk (excludes VetMed library).
- 15b Since the number of print serials purchased is unavailable, one cannot accurately calculate the average price per serial purchased for this year (2007–2008).
- 26–26b This reflects changes in staffing patterns.
- 26c This reflects changes in staffing patterns. This number is an average of 117 bodies at any one time, divided by four (since most work 10 hours a week).
- 40 This figure demonstrates decreasing enrollment.

## LOUISVILLE

Included: Main Library, Medical Library, University Archives, Music Library, Art Library, and the Law Library.

The medical and law libraries data have been aggregated into the main library’s figures. Louisville did not submit separate law and medical library surveys for this period (2007–2008).

- 9 University of Louisville libraries serve as the central archive for the entire University of Louisville system. The reason for the large increase in the 2007–2008 manuscript collection figure is because the routine destruction of non-permanent university records has not been performed recently. Usually, non-essential materials are routinely destroyed every year, but this has not been done for the last several years because of staff shortages.

## MANITOBA

All figures are as of 03/31/2008.

Libraries included: William R. Newman Agriculture Library, Architecture and Fine Arts Library, Archives & Special Collections, Elizabeth Dafoe Library, Fr. Harold Drake Library, St. John's College Library, Donald W. Craik Engineering Library, E.K. Williams Law Library, Albert D. Cohen Management Library, Eckhardt-Grammatte Music Library, Sciences and Technology Library, Neil John Maclean Health Sciences Library, Bill Larson Library, Carolyn Sifton-Helent Fuld Library, Concordia Hospital Library, J.W. Crane Memorial Library, Misericordia Health Centre Library, Riverview Health Centre Virtual Library, Seven Oaks General Hospital Library, and the Victoria General Hospital Library.

- 1bii Increase over 2006–2007 figure is due to intense weeding and collections maintenance in preparation for move of materials to newly constructed storage unit.
- 15–25 Expenditures as reported in Canadian dollars: (15a) \$2,057,771; (15b) \$5,880,826; (15c) \$45,748; (15d) \$430,585; (15) \$8,414,930; (16) \$161,724; (17a) \$5,390,193; (17b) \$5,762,765; (17c) \$719,113; (17) \$11,872,071; (19) \$1,817,932; (20) \$22,266,657; (21) \$1,080,416; (22) \$3,352,558; (23a) \$87,744; (23b) \$0; (24) \$284,729; (25) \$167,672.
- 35 2006–2007 figure should have been 28,787.

## MASSACHUSETTS

Library branches included: Main (W.E.B. DuBois) Library, Integrated Sciences Library, and the Engineering Library.

- 1bi A very large purchase of e-books was made in 2006–2007 and as a result the gross volumes added for 2006–2007 was an anomaly.
- 4 The total number of serial titles and each subcategory have been deduplicated according to ARL recommended techniques. The 2006–2007 unique serial counts were not accurate.
- 17c Expenditures for student assistants includes \$62,246 from federal work-study grants.
- 29 Includes 156 sessions taught by Teaching Assistants (TAs) who were trained by librarians.
- 30 Includes 3,759 students in sessions taught by TAs who had been trained by librarians.
- 36 Excludes 41 EdD degrees awarded by the School of Education.

## MCGILL

All figures are as of 05/31/2008.

Library branches included: Birks Reading Room, Education Library, Islamic Studies Library, Life Sciences Library, Humanities & Social Sciences Library, Blackader-Lauterman Library of Art & Architecture, Marvin Duchow Musich Library, Howard Ross Library, Macdonald Campus Library (agricultural & Environmental Sciences), Osler Library of the History of Medicine, Nahum Gelber Law Library, Schulich Library of Science & Engineering, Edward Rosenthal Library of Mathematics & Statistics, and the Walter Hirschfeld Geographic Informatic Centre.

- 1a Volumes held June 30, 2007 revised to 4,461,040. There are 357,195 e-books that are not cataloged, but are available to library users. They have not been added to this count.
- 4bi Separate figures are not kept for consortial serials.
- 13 Slides and filmstrips are reported in (11).
- 15–25 Expenditures as reported in Canadian dollars: (15a) \$5,263,342; (15b) \$10,290,257; (15c) \$247,793; (15d) \$446,701; (15) \$16,248,093; (16) \$248,762; (17a) \$6,095,591; (17b) \$7,716,288; (17c) \$829,709; (17) \$14,641,588; (19) \$4,359,872; (20) \$35,498,315; (21) \$1,302,287; (22) \$7,674,494; (23a) \$363,388; (23b) \$0; (24) \$524,983; (25) \$34,628.
- 38 The number of faculty reported in 2006–2007 was incorrect. We include all of the medical faculty (affiliated doctors) who are associated with McGill's extensive teaching hospitals in our total faculty count.

## MCMASTER

All figures are as of 04/30/2008.

Library branches included: Mills Memorial Library, H.G. Thode Library, and the Innis Library.

- 1 Corrections to the 2006–2007 McMaster Library Statistics: (1a) Volumes held as of June 30, 2006: 1,842,679; (1b) Volumes added: 12,503 (1bi) Volumes added gross: 16,518; (1bii) Volumes withdrawn: 4,015.
- 1a Volumes held June 30, 2007 revised to 2,165,581.
- 1b This figure has e-books included.
- 1bi Figure has 146,575 e-books included. Note: add 146,575 to 2006–2007 e-books purchased in 2007–2008.
- 1bii Deduping project increased withdrawals figures.
- 6 Large amount of microfilm set sent to Nippising.

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**MCMMASTER, cont.**

- 15–25 Expenditures as reported in Canadian dollars: (15a) \$1,069,128; (15b) \$5,771,863; (15c) \$523,071; (15d) \$981,321; (15) \$8,345,383; (16) \$4,108; (17a) \$3,041,636; (17b) \$4,165,527; (17c) \$610,019; (17) \$7,817,182; (19) \$1,418,590; (20) \$17,585,263; (21) \$402,772; (22) \$4,953,432; (23a) \$96,055; (23b) \$0; (24) \$112,920; (25) \$95,696.
- 15a Increase because of e-books added to collection.
- 16 Decreased number of journals received.
- 26 Classroom Audio Visual staff of 9 moved to Mills Library.

**MIAMI**

All figures are as of 05/31/2008.

Includes the Richter Library (central library); Calder Memorial Library (medical library); law library; and the architecture, business, marine, and music libraries.

- 1 Includes 542,380 ETD (Electronic Theses and Dissertations) and e-books in the following collections: ebrary, NetLibrary, Early English Books Online, Gale's 18th Century Collections Online, Women Writers Project, Wright American Fiction, Making of the Modern World, Making of Modern Law, Literature Online, Sabin, Evans, Shaw-Shoemaker, and Gale Virtual Library.
- 2 Volumes purchased for 2006–2007 was 53,561, not 38,779 as reported (in prior years central library reported titles purchased, not volumes).
- 8 Medical library computer files are reported in (13).
- 13 Medical library audiovisual materials (10 through 13) and computer files (8) are reported in (13).
- 17a Excludes salaries of the University Librarian and directors of the law and medical libraries.
- 26a Includes library faculty and selected non-faculty professional staff. In prior years all non-faculty professional staff in the medical library were reported in (26a); in 2008 they are reported in (26b).
- 26b Includes both support and selected non-faculty professional staff. In prior years all non-faculty professional staff in the medical library were reported in (26a); in 2008 they are reported in (26b).
- 28 Combined weekly public service hours for all libraries is 122.
- 31 Transactions are based on enumerations in central, business, medical, and music libraries, and sampling in marine and law libraries. Reference transactions for architecture library are not included.

**MICHIGAN**

Library branches included: University Library, Bentley Historical Library, William L. Clements Library, Kresge Business Administration Library, and the Law Library.

Does not include any libraries from the Dearborn or Flint UM (University of Michigan) campuses.

- 1a Volumes held June 30, 2007 revised to 9,075,625. This number does not agree with the "Volumes held June 30, 2007" reported in the 2006-2007 ARL statistics because it includes 421,820 e-books that were held at that time, but not included in the definition of the volume count for that year. Additionally, this includes 234,583 digitizations of volumes in the public domain (and hence available full text) that were added to the HathiTrust digital repository in 07-08 and which are accessible through our catalog.
- 1bi This number includes 129,433 physical volumes and as well as e-books added during the year 2007–2008.
- 4 Owing to the way we keep our records, we cannot break down our serials into these categories while still de-duping by ISSN. Catalogued serials with ISSNs have been de-duped within and across libraries, and the duplication rate in this category was 3.6%. The reported figure also includes 19,659 cataloged serials without ISSNs and 21,294 serials which have not been cataloged; neither of these categories have been de-duped.
- 6 We no longer count microform by physical unit. Our much recent count by that method was 8,445,189 reported in 2006–2007. This number remains reasonably accurate as we acquire very little material in this form anymore and we do not withdraw any of it.
- 15c Includes the total library expenditures for Clements Library, which are not sub-divided into the categories listed.

**MICHIGAN STATE**

Includes the following branch libraries: Biomedical & Physical Sciences, Business, Engineering, Gull Lake, Mathematics, Veterinary Medical Center libraries.

- 1bii One branch library was closed.
- 10 Cartographic materials were counted incorrectly for 2006–2007.
- 4biv Includes 6,580 online titles.
- 15d Includes the following: \$9,100.00 for Portico (a journal archive membership); \$4,000.00 for Public Library of Science (Open Access membership); \$41,500.00 for Biomed Central (prepay account for Open Access article fees).

## MINNESOTA

- University of Minnesota coordinate campuses are not included.
- 1a Volumes held June 30, 2007 revised to 6,778,001. Volume count adjusted to reflect adjustments to counts in special collections areas.
- 1biii Increase reflects weeding projects in various locations.
- 4a Used same counting algorithms as 2006–2007. Increase reflects new investments and improved “discoverability.”
- 4bi Breakdown between consortial and freely accessible electronic serials is not available.
- 4biii Breakdown between print serials and print government documents is not available.
- 11 Breakdown by material type is not available. Total audio-visual items for all included libraries is 869,236.
- 15c Change reflects the fact that in 2006–2007 this category was high due to purchases of e-serial backsets.
- 15d Increase in use of collections funds for bibliographic utilities, interlibrary loan subsidy, search enhancements, etc.
- 25 Increase is due to more accurate reporting of costs in all departments. 2006–2007’s figure was under-reported.
- 26 Decrease in staffing represents vacant positions, not reduction of available positions.
- 31 Significant decrease may be partly because of adoption of software for recording statistics leading to more accurate reporting and fewer estimates.
- 31a Counts from some service points may be estimated.

## MISSOURI

- Library branches included: Health Sciences Library, Vet Med Library, Math Library, Geology Library, Engineering Library, Journalism Library, Newspaper Library, Archives, and the Library Depository.
- 15b Of the \$5,582,484 reported here; \$2,774,288 is from the University-wide systems office for the four campus system. University of Missouri- Columbia (MU) has over 50% of the students, but we use all of these journals.
- 19 \$412,774 of this figure is for Online Cataloging system for all four campus Library Systems Offices.
- 22 This represents \$2,774,288 for four campus Library System Offices, and \$3,193,514 for MU Libraries Serials.

## MASSACHUSETTS INSTITUTE OF TECHNOLOGY

- All MIT Libraries are included in these statistics.
- 18 Fringe benefits are included.

## MONTREAL

- All figures are as of 05/31/2008.
- 15–25 Expenditures as reported in Canadian dollars: (15a) \$1,996,750; (15b) \$9,304,870; (15c) \$96,888; (15d) \$10,375; (15) \$11,408,883; (16) \$141,640; (17a) \$7,235,117; (17b) \$10,881,716; (17c) \$164,613; (17) \$18,281,446; (19) \$1,217,853; (20) \$31,049,822; (21) \$310,937; (22) \$6,423,159; (23a) \$29,142; (23b) \$671,852; (24) \$613,804; (25) \$196,210.
- 15d This expenditure has been considerably reduced by a credit received (École Polytechnique de Montréal).
- 17c Two branches of the University of Montreal library system reported salaries for library student assistants; however, in order for the totals to properly aggregate their responses have been marked NA/UA. The Ecole Polytechnique branch reported \$51,697 (CAD) and the HEC Montreal branch reported \$112,916 (CAD) in student assistant salaries.
- 23a A credit was received which was greater than the expenditures. The answer is in fact: 3,046 (École Polytechnique de Montréal).
- 26c Two branches of the University of Montreal library system reported library student assistants; however, in order for the figures to properly aggregate their responses have been marked UA/NA. The Ecole Polytechnique branch reported 1 student assistant and the HEC Montreal branch reported 2 student assistants.

## NATIONAL AGRICULTURAL LIBRARY

- All figures are as of 09/30/2008.
- The Washington, DC, Reference Center is included.
- 1a Volumes held June 30, 2007 revised to 2,433,952.
- 18 Fringe benefits are included.

## NATIONAL LIBRARY OF MEDICINE

- All figures are as of 09/30/2008.
- There are 27 service points at the National Library of Medicine (NLM) at the following NLM facilities: History of Medicine desk, circulation desk, reference desk, photocopy service desk, telephone service desk.

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**NATIONAL LIBRARY OF MEDICINE, cont.**

- 31 This figure represents onsite transactions only, and it is based on sampling.
- 32 These are internal circulations only. NLM does not circulate materials outside of the Library-- only on ILL.

**NEBRASKA**

Library branches included: Geology, Music, C. Y. Thompson, Architecture, Engineering and Mathematics libraries.

- 1a Volumes held June 30, 2007 revised to 3,167,709.
- 1b Due to budget cuts our materials budget has been slashed; therefore, the result would be fewer materials were acquired or purchased.
- 1bi Budget cuts account for less monies available to purchase of materials, especially monographs.
- 1bii Because of physical space needs within the libraries there has been more emphasis on weeding. In addition, more emphasis has been placed on database maintenance and one result is that more volumes being withdrawn than in the past.
- 2 Due to budget cuts, the monographs have been severely slashed to make up for the serials costs which are clearly out of pace with our materials budget.
- 4 Because our materials budget has been slashed we fully expect these figures will continue to decrease.
- 4aii Despite the budget cuts, we continue to purchase more serials as needed.
- 4b Decrease is due to the cancellation of print from one publisher that provides a large number of content.
- 4biii In 2007–2008 we have embarked on a large project to claim/inactivate titles; this project may account for the decrease in titles received.
- 13 Faculty seemed more inclined to use film and video more in the classroom; as a result the library is purchasing more and more of these items to support the curriculum. This appears to be a trend.
- 15a Monograph purchases have reduced significantly due to a change in our approval plan and due to the stress that serials place on the remaining materials budget. Increasingly, more money is devoted to serials while monograph purchases decrease.
- 15c–15d This large reduction is the result of monies being heavily devoted to serials. The cost and inflation rate of serials are not in step with our budget.
- 16 Less funds have been devoted to contract binding because we are purchasing less print serials. This appears to be a trend.
- 21 The libraries has been canceling print subscriptions in lieu of electronic serials; monies were used from other sources to increase support in this area.
- 22 One major reason for this decrease is the struggle to keep pace with inflation. As a result, ongoing electronic resource purchases will most likely decrease.
- 23b This significant drop can be attributed to the way in which the data were collected in 2006–2007. The person who supplied the data in previous years, included everything purchased through the Nebraska Library Commission (even if UNL Libraries used its own funds) and therefore the amount for 2006–2007 was about \$455,670. For 2007–2008, only items that were paid for by the Nebraska Library Commission were included, so now we have a lower figure. If the databases we paid for had been included in 2007–2008, then the figure would have been closer to the amount listed in 2006–2007.
- 24 2006–2007 statistics represent a year that was uncharacteristically low. 2007–2008 is actually a more consistent number for these purchases.
- 27 The services points have not increased at UNL; however, the way we count them has changed. We now count the Scholarly Communications, Student Union, Geology Reference, and Math Reference desks as service points.
- 29 The increase in instruction is due to demand; more faculty are requesting instruction.
- 30 The increase is due to class size; more instruction was offered to larger classes.
- 31 This appears to be a trend; the reference transactions are decreasing annually. We can speculate that our users increasingly rely on online search engines (Google) for some information that was formerly acquired from the reference desk.
- 35 This increase is the reduction of acquisitions; we are not buying as much so we have to get the items from other libraries. Secondly, our marketing has improved. We have been promoting our interlibrary loan services more widely. The fact that full-time instructional faculty has increased may also explain this increase.

**NEW MEXICO**

The following university libraries are included: Zimmerman, Centennial, Parish, and Fine Arts/Design, Tireman Education, Bainbridge Visual Resources, and the Native American Studies libraries.

Library branches not included: Gallup Campus Branch Library, Los Alamos Campus Branch Library, Taos Campus Branch Library, Valencia Campus Branch Library.

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**NEW MEXICO, cont.**

- 4            Serial counts nearly doubled due to the following factors: 1) \$1,827,541 in insurance funds were used to replace fire-damaged materials including databases with full text. The library was able to purchase more titles than were lost in the fire. 2) The library was able to purchase bundled packages through special consortial arrangements, resulting in the acquisition of additional journals. 3) Coding improvements allowed for more accurate counts of all journals including government documents. 4) The library conducted a project to replace print journals with electronic versions, when possible.
- 8            This increase is related to the purchase/licensing by the University of New Mexico's (UNM) slide library of 28,000 digital image files along with their annual cataloging of 37,753 images.
- 13           2007–2008 count increased due to a special purchase of a local vendor's video inventory.
- 15b          \$1,827,541 in insurance funds were used to replace fire-damaged materials including databases with full text.
- 15c          The UNM slide library made significant, one-time investments in licensing and electronic resources (ARTstor and other digital image purchases and licensing). This was possible through expending unused/vacant salary lines.
- 17c          All UNM libraries increased their student budgets significantly in part due to increases in minimum wage.
- 21           One-time electronic resource purchases increased by 38% because of the following two reasons: 1) The UNM slide library made significant, one-time investments in licensing and electronic resources (ARTstor and other digital image purchases and licensing). This was possible through expending unused/vacant salary lines. 2) \$1,827,541 in insurance funds was used to replace fire-damaged materials including databases with full text.
- 22           All UNM libraries increased their on-going electronic resource purchases. This appears to be a national trend. University Libraries also conducted a project to replace print journals with electronic versions, when possible.

**NEW YORK**

All figures are as of 08/31/2008.

Library branches included: Bobst Library; Institute of Fine Arts (IFA) Library; Real Estate Institute (REI) Library; Courant Institute of Mathematical Sciences (CIMS) Library; Institute for the Study of the Ancient World (ISAW) Library; Law School Library; Medical School and Dental School Libraries.

- 1a           Volumes held June 30, 2007 revised to 4,988,264. The number of e-books in 2006–2007 was 503,764 and increased to 537,022 in 2007–2008, thereby increasing the volumes held at the beginning of the year by 33,258.
- 1bi          2006–2007's gross volumes added count was incorrect and excluded some volumes processed by the Acquisitions department.
- 1bii          Previous years' withdrawals were inflated by weeding projects implemented to move materials offsite that resulted in a large number of withdrawals. No such project was launched in 2007–2008 because of time restraints caused by the 2007–2008 ILS migration.
- 2            In the 2007–2008 year, the monographs department was not fully staffed, which resulted in fewer processing of orders. Additionally, monograph orders were not processed for two months of the year during the implementation phase of our recent ILS migration.
- 4bi          In 2007–2008 a concerted effort was made to provide more access to free serials via SFX as compared to prior years.
- 15a          In 2007–2008 there was a decrease in orders due to the ILS migration creating a temporary slow down in the ordering workflow.
- 15d          In 2007–2008 manuscript purchases increased from \$62,000 to \$236,000.
- 19           Increased vendor costs for offsite storage in 2007–2008; increased spending on library refurbishment projects.
- 21           Major purchasing of one-time resources was focused more on electronic materials in 2007–2008.
- 22           The increase in ongoing e-resources purchases in 2007–2008 is a reflection of the continued transition in serials purchases from print to electronic.
- 24           Computer hardware/software costs went up in 2007–2008 due to an ILS system migration and corresponding vendor costs.
- 25           The ILL service for users increased from 2006–2007 to 2007–2008 and fees increased correspondingly (OCLC ShaRes fees increased in 2007–2008 by \$31,000).
- 31           The decrease in 2007–2008 represents a general trend of decreasing in-person reference service.
- 33           The decrease in circulations in 2007–2008 was caused by a decrease in renewals due to increasing the circulation period for M.A. students, our heaviest renewers.
- 34–35       Better exposure of records due to improved electronic resources; our institution is a member of RAPID consortium, which has allowed quicker fulfillment of orders.

**NEW YORK PUBLIC LIBRARY**

- 18           Fringe benefits are included.

## NEW YORK STATE LIBRARY

All figures are as of 03/31/2008.

### NORTH CAROLINA

Library branches included: University Library, Health Sciences Library, Institute of Marine Sciences Library and the Law Library.

- 1 This includes government documents.
- 1a Volumes held June 30, 2007 revised to 6,412,105. Updated to reflect 272,901 e-books cataloged in 2007–2008. Health Sciences Library reduced by 15,161 volumes to correct flawed count in 2006–2007.
- 1b Volumes added during year 2007–2008 (gross and net) omits e-books added to main library during year. Only end-of-year snapshot is available. E-books added in 2007–2008 have been added to (1a) volumes held previous year.
- 4 Journal titles de-duped using ISSN as unique identifier. Titles without ISSNs were excluded entirely in order to eliminate items of a non-serial nature. This has likely also excluded some serial records lacking an ISSN, resulting in a possible undercount.
- 4a Increase in purchased titles due largely to new journal packages and improved counting methodologies. Journal packages purchased in 2007–2008 added about 5,200 titles. Includes: Springer Online Journal Archive (1,146), JSTOR packages (641), American Periodicals Series (1,520), America's Newspapers (1,380), Alt-Press Watch (206), and several smaller packages. In addition, more records were included in 2007–2008 because data was pulled from Serials Solutions; 2006–2007 report was based on local system, which has a higher percentage of records that lack ISSN.
- 15d Includes payments for CRL memberships.
- 20 Includes \$5,908,862 in grants, trust and other special funds (w/out benefits); excludes \$399,192 in expenditures for the Triangle Research Libraries Network from funds contributed by Duke, North Carolina State and North Carolina Central universities. Includes approx. \$900,000 expended for compact shelving during 2007–2008. Special funding for salary increases to reflect new state classifications also contributed to overall increase.
- 26 Includes 6.3 FTE professionals and support staff on special grant funds; 5.4 FTE on special projects; excludes 3.25 FTE paid from funds contributed by Duke, North Carolina State, and North Carolina Central Universities for support of the Triangle Research Libraries Network.

### NORTH CAROLINA STATE

Library branches included: Design, Natural Resources, Textiles, Veterinary Medicine; African-American Cultural Center Reading Room, and the College of Education Media Center library.

- 1 Includes 401,497 e-books.
- 2 Includes some monographic standing order items paid from serials funds.
- 15a–15b Some monographic titles are paid from serials funds included in (15b).
- 15d Includes Bibliographic Utilities (\$176,002), Document Delivery (\$143,756), and Association memberships (\$217,084).

### NORTHWESTERN

All figures are as of 08/31/2008.

Library branches included: Includes Main Library, Deering Library, Seeley G. Mudd Science and Engineering Library, Math Library, Geology Library, and Schaffner Library (Chicago campus).

- 1-2 Includes government documents.
- 4b Law and Health Science serials data unavailable.
- 6, 11, 25 Health Science figures unavailable.
- 37 Northwestern reports number of fields in which PhDs were awarded annually, not total number of fields in which PhDs could be awarded.

### NOTRE DAME

Library branches included: Hesburgh Library (Main) includes: Architecture Library, Art Image Library, Business Information Center, Chemistry/Physics Library, Engineering Library, Kellogg/Kroc Information Center, Mathematics Library, Life Sciences Library (closed 7/1/2008). In addition the Kresge Law Library and University Archives are included.

- 4b The number of serials titles currently received but not purchased (17,070) is composed of (4bi) consortial: 3,976; (4bii) freely accessible: 9,611; (4biii) print: 82 and (4biv) government documents: 3,401. These responses were changed to UA/NA so that the operating system could aggregate other figures from the Notre Dame Law library survey.
- 9 This figure represents our entire University Archives holdings. It consists primarily of archival records and manuscripts but it also includes substantial quantities of printed, microfilm, artifact, audio, visual, film, graphic, and digital materials. Our holdings are organized according to the archival principle of provenance. Our controls over our records are therefore primarily oriented towards the creator of the records and only secondarily on the particular types of materials.



**NOTRE DAME, cont.**

- 11 Graphic materials housed in the Art Image Library consists of two components: the analog and digital collections. The analog slide collection holds approximately 210,000-230,000 35mm slides available to faculty and students for research, teaching and presentation purposes. The digital collection has over 31,000 digital images. However, due to copyright restrictions, these low resolution images are only available to Art, Art History and Design faculty and are not included in the total.

**OHIO**

Includes Athens (main), Chillicothe, Lancaster, Southern, Eastern, Zanesville libraries as well as the College of Osteopathic Medicine Learning Resource Center.

- 1 Decreased after past volume count records were audited. See footnote (1a) for more detail.
- 1a Volumes held June 30, 2007 revised to 2,841,899. Decreased by 331,000 after audit of past volume count records. Increased by 259,367 to reflect e-books added as part of a large one-time purchase (LexisNexis U.S. Serials Set). Total change is a decrease of 71,633.
- 6, 8 Decreased after past item count records were audited.
- 9 Linear footage reassessed in 2007–2008.
- 10 Decreased after past item count records were audited.
- 11 Increase reflects transfer of slide library from College of Fine Arts to University Libraries, and acquisition of 2000 ceremonial paintings.
- 12-13 Decreased after past item count records were audited.
- 17a–17b Decrease due to eight positions moved from ‘professional staff’ category to ‘support staff’ category.
- 26 Overall reduction in numbers due to campus-wide budget cuts and to increase in minimum wage for student assistants.
- 26a Decrease reflects overall reduction of ten positions; an additional eight positions were moved from ‘professional staff’ category to ‘support staff’ category.
- 26b Increase reflects addition of eight positions moved from ‘professional staff’ category to ‘support staff’ category, reduction of one support staff position.
- 26c Decrease in number of students employed due to increase of minimum wage.
- 34 Large decrease due to change in OhioLINK’s algorithm for distributing patron-initiated borrowing requests among member institutions.
- 38 Large increase reflects fulfillment of goal in university’s strategic plan.

**OHIO STATE**

Include the following branch libraries: Ackerman; Architecture; Biological Sciences/Pharmacy; Business; Cartoon Research; Children’s Hospital; Health Sciences; Fine Arts; Food, Agriculture and Environmental Sciences; Law; Music/Dance; Science and Engineering; Sullivan; Theatre Research Institute; University Archives; Veterinary Medicine.

Excludes: Agricultural Technical Institute; Ohio Agricultural Research and Development Center; Regional Campus Libraries at Lima, Mansfield, Marion, and Newark.

- 1 Includes 311,182 e-books: ACLS Humanities (1,590); Early American Imprints (75,461); Ebrary-leased (7,224); English Short Title Catalog (136,425); Health Sciences Library Collection (10,468); HeinOnline (382); Lyell Collection (294); Making of Modern Law (21,809); NetLibrary (15,227); Oxford Reference (267); Safari (2,825); Single titles/locally digitized (4,456); Wright American Fiction (2,839).
- 1a Volumes held June 30, 2007 revised to 6,244,095.
- 2 Includes 326 purchased e-books, primarily published by Ebrary.
- 13 Audio, film, video data combined; cannot be separated.
- 15d Includes additional Ohionet bills not reflected during previous year (2006–2007).
- 29–30 Instructional activity did not decline. Data in 2006–2007 was over-reported.
- 38 Excludes research and clinical faculty.
- 41–42 Includes professional students.

**OKLAHOMA**

- 1a Volumes held June 30, 2007 revised to 5,047,646.
- 1b Increased purchases of e-books.
- 1bi Increased de-selection projects.

#### OKLAHOMA, cont.

- |           |  |
|-----------|--|
| 4a–4ai    | Inclusion of Law Integrating Resources. Serials statistics are reported as de-duped for all libraries. |
| 4aii–4biv | Serials statistics are reported as de-duped for all libraries following ARL Best Practices.            |
| 16        | Increased preservation activities.   |
| 19        | Figure reflects change in reporting methods.   |
| 22        | Data demonstrates change in collection development practices.  |
| 23b       | Due to change in reporting methods.  |
| 24        | Additional hardware and software purchased.  |

#### OKLAHOMA STATE

- |     |   |
|-----|---|
|     | Library branches included: Oklahoma City, Okmulgee, Tulsa campus branches.  |
| 1a  | Volumes held June 30, 2007 revised to 2,798,072. One library failed to report their collection of e-books (8,836) and this number was added to 2006–2007's count. |
| 18  | Fringe benefits are included.   |
| 26a | Includes 1 professional position which is being funded from a grant for 3 years and is not a permanent position.  |
| 26b | Includes 1 position which is funded on a cost-recovery model and is not a permanent budget line.  |
| 36  | PhDs awarded in all of the university's colleges were down in 2007–2008 resulting in a large overall decrease.  |

#### OREGON

- |     |  |
|-----|--|
|     | Library branches included: Knight (main) Library, Architecture and Allied Arts Library, Science Library, Mathematics Library, Marine Biology Library, Portland Library and Learning Commons. |
| 1a  | Volumes held June 30, 2007 revised to 2,905,508. Includes 164,221 e-books with records in our catalog (revised e-book count).  |
| 4   | Improved de-duping process for 2007–2008's count.  |
| 8   | Gift funded project added video games to our collection.   |
| 10  | This is a new count. Duplicate maps were withdrawn.  |
| 15c | Costs included as monographs or serials.   |
| 15d | Electronic databases, document delivery, ILL, postage, bibliographic utilities are included.   |
| 19  | Included in this figure are automated systems hardware and software, supplies and equipment.   |
| 21  | This is for an ECCO payment.   |
| 24  | Subtracted out library budget expenditures for campus Blackboard system and campus classroom audiovisuals.   |
| 25  | Includes Law Library as this can not be separated from main statistics.  |
| 26a | Includes one gift-funded temporary position  |
| 26b | Includes three temporary gift and grant funded positions.  |
| 35  | Includes some law library transactions.  |

#### PENNSYLVANIA

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|----|---|
| 1a | Volumes held June 30, 2007 revised to 5,993,082.  |
| 16 | The figures reported in question (16) was overstated due to an error, which will be corrected in a subsequent reporting period. |

#### PENNSYLVANIA STATE

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|----------|--|
|          | Survey includes all University Park Libraries, as well as the Campus branch libraries. Campus branch Library locations are as follows: Abington, Altoona, Behrend, Berks, Beaver, Capital, Brandywine, DuBois, Fayette, Great Valley, Hazelton, Lehigh Valley, Mont Alto, McKeesport, New Kensington, Schuylkill, Shenango Valley, Wilkes-Barre, Worthington-Scranton, and York. |
| 1a       | Volumes held June 30, 2007 revised to 5,221,673.   |
| 1bi–1bii | Reported per format.   |
| 4aii     | The increase from 2006–2007 was primarily attributed to a separate count of titles for 2007–2008 received on memberships (consortia) or as packages.   |
| 4biii    | The 2006–2007 survey included government documents, which the 2007–2008 survey “broke out” into a separate line. Also enhancements to our records permitted us to include “children” records in the purchased line in 2007–2008 instead of in the received, but not purchased line of 2006–2007.   |

# **PENNSYLVANIA STATE, cont.**

- 6 The 2006–2007 microforms count consisted of the units located at the Campus Locations and the University Park (UP) News & Microforms Library. Microforms located in the other UP subject libraries were not reported. The 2007–2008 count is representative of all campus locations (excl. Hershey and Dickinson) and all UP locations.
- 10 The decrease in the number of cartographic materials is due to an effort during 2007–2008 to remove duplicate maps within the collection in preparation for the Maps Library move.
- 21 The decrease is due to a difference in year-end close-out strategy.
- 22 We carried over a large amount in our collections budget from 2006–2007 and most of it and the majority of the new funds received through our IT fees went to electronic resources.
- 25 The increase is due to a jump in e-reserves/copyright fees.

# **PITTSBURGH**

Includes the Barco Law Library, and branch campuses in Bradford, Greensburg, Johnstown, and Titusville. Health Science libraries include the Falk Library of the Health Sciences, the Western Psychiatric Institute and Clinic Library, the Libraries at UPMC Shadyside and the University of Pittsburgh Cancer Institute.

- 1a Volumes held June 30, 2007 revised to 5,505,919. Changed the starting total per ARL's instructions to include four large, one-time e-book collections added this year.
- 21 Includes expenditure for catalog support software.

# **PRINCETON**

Library branches included: main library and ten additional branches.

- 4 Increased figures due to acquisition growth in electronic serial titles and larger packages with more titles.
- 7 More government documents are now reflected in Voyager. Over the past 5–6 years (2002–2008), Princeton has been cataloging the government documents that were not part of the OCLC conversion and the Marcive Retrospective conversion of congressional hearings.
- 21–22 Calculation represents both an increase in the shift from one-time to subscription status, but also represents a more accurate rendering of the respective statuses based on enhanced resource coding.

# **PURDUE**

Includes the library system on the West Lafayette campus, consisting of an undergraduate library, 11 subject libraries, and an archives and special collections unit.

- 1 Includes cataloged government documents. Includes e-books from ASM handbooks: 22; CogNet: 451; Credo Reference: 340; EEBO: 125,000; ECCO: 150,000; EngNet Base: 105; Gale Virtual Reference Library: 90; History e-Book Project: 1,708; Knovel Online: 1,662; ASAE: 4; Safari Tech Books: 878; Springer C books: 11,821; Stat Ref: 12; ASAE text Books: 5; World Bank e-Library: 1,957; and others totaling 295,034.
- 1b Increase in net volumes added reflects fewer gross items added and fewer items withdrawn than in 2006–2007.
- 2 Represents number of titles rather than volumes. Excludes e-books and materials purchased on sponsored research programs.
- 4 Excludes numbered monograph serials.
- 4a Titles were deduped as indicated by instructions.
- 4b Includes cataloged depository, exchange, and gift serials, and e-journals received through statewide consortium. Cannot disaggregate consortial, freely accessible, or government documents at this time.
- 15a Decrease from 2006–2007 is in part due to change in reporting to more accurately reflect monograph expenditures.
- 15c Represents bibliographic and full text databases for which expenditures can be tracked separately. Expenditures for other databases, and for materials such as maps and audio visuals, are included in those for monographs (15a) and serials (15b) and cannot be disaggregated.
- 15d Reflects expenditures for bibliographic utilities (176,264) previously reported in other operating expenditures.
- 18 Fringe benefits are included.
- 25 Decrease in ILL costs due to new membership in RAPID resource sharing in September 2007.
- 26a Increase from 2006–2007 reflects new positions added.
- 29 Excludes use of online, interactive tutorial “CORE”.
- 31 Includes 2,227 reference transactions via digital reference service.

## QUEENS

Main library complex: Stauffer- Humanities and Social Sciences; Douglas- Engineering Science; WD Jordan- Special Collections/ Music; Education. Law and Bracken Health Sciences libraries are included (except where otherwise stated).

All figures are for our fiscal year ending April 20, 2008 (except where otherwise stated).

- 4 These statistics are for the entire library system. Serial titles are not broken out by branch or discipline.
- 4ai We acquired more purchases primarily through CRKN (Canadian Research Knowledge Network).
- 6 These statistics are for the entire library system except for Law.
- 15–25 Expenditures as reported in Canadian dollars: (15a) \$1,646,522; (15b) \$7,442,031; (15c) \$183,297; (15d) \$367,831; (15) \$9,639,681; (16) \$86,377; (17a) \$3,449,078; (17b) \$4,734,509; (17c) \$318,562; (17) \$8,502,149; (19) \$1,517,236; (20) \$19,745,443; (21) \$0; (22) \$5,729,117; (23a) \$159,302; (23b) \$101,377; (24) \$369,915; (25) \$30,828.

## RICE

Library branches included: Fondren Library, Brown Fine Arts Library, and the Business Information Center.

- 1a Includes 24,271 Texshare e-books; 37,189 government document e-books; and 1,216 Netlibrary and other e-books.
- 1b Includes 7,024 government document e-books and 446 non-document e-books.
- 9 Manuscripts and archives are reported in cubic feet.
- 11 Corrected 2006–2007 total is 34,200.
- 13 Corrected 2006–2007 total is 12,496.
- 15d Includes memberships (\$209,870.54), ILL (\$34,990.67), in-house binding supplies (\$14,279.02), and bibliographic utilities (\$139,966.63).
- 17 One FTE professional and 1 FTE student grant-funded.

## ROCHESTER

Includes the Rush Rhees Library and the Sibley Music Library.

- 1a Volumes held June 30, 2007 revised to 3,674,165. Added 1,189 lecture notes in computer science volumes.
- 2 Does not include continuations. Includes 66 e-books.
- 3 Includes a physical count of 2,406 volumes purchased by the Sibley Music Library.
- 4bii Includes 76 government documents.
- 5 Freely accessible count includes 76 government documents.
- 15c Rush Rhees backfiles not included.
- 18 Sibley Music Library salaries and wages in the amount of \$751,433 do not include fringe benefits. Fringe benefits are included in the salaries of other library employees.
- 19 Includes Gleason Library renovation project.
- 24 Includes IMLS grant and Gleason Library renovation project.
- 29a Sibley Music Library reports are based upon based on sampling (120 of the reported total).
- 30a Sibley Music Library reports are based upon based on sampling (2,600 of the reported total).
- 31a 5,753 of these transactions are virtual.
- 32–33 Includes reserves.
- 36–37 Includes Sibley Music Library and Edward G Miner Library.
- 38 Includes Sibley Music Library and Edward G. Miner Library. The number of full-time instructional faculty in 2007–2008 was determined by using the Integrated Postsecondary Education Data System (IPEDS).
- 39 Includes Sibley Music Library and Edward G. Miner Library. Includes 415 full-time medical students.
- 40 Includes Sibley Music Library and Edward G. Miner Library.
- 41 Includes Sibley Music Library and Edward G. Miner Library. Includes 415 full-time medical students.
- 42 Includes Sibley Music Library and Edward G. Miner Library.

## RUTGERS

Includes two law libraries, services to a non-Rutgers medical school and campuses in Camden, Newark, and New Brunswick.

- 4ai Increase due to format changes to online journals and access to new databases.

#### RUTGERS, cont.

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|-------|---|
| 4biv  | 2006–2007 report did not include government documents in print format.  |
| 10–13 | Audiovisual Materials figures cannot be disaggregated. Total audiovisual is 152,216 for main library. Total audiovisual count for Main, Camden Law & Newark Law is 153,475. |
| 21    | 2006–2007 figure misreported: correct figure was \$22,644.  |
| 22    | Increase attributable to inflation, considerable format changes to online, and new databases.   |

#### SASKATCHEWAN

- |       |  |
|-------|--|
|       | Includes Education, Engineering, Natural Sciences, and Veterinary Medicine branch libraries.   |
|       | Excludes Theological College libraries on campus that are not part of the library system.  |
| 1a    | Volumes held June 30, 2007 revised to 2,016,709.   |
| 1bii  | Figures decreased because of a major weed of collection in 2006–2007.  |
| 2–7   | Government documents are included in these figures.  |
| 15–25 | Expenditures as reported in Canadian dollars: (15a) \$2,152,080; (15b) \$6,411,407; (15c) \$0; (15d) \$468,994; (15) \$9,032,481; (16) \$73,493; (17a) \$4,180,970; (17b) \$3,254,716; (17c) \$279,388; (17) \$7,715,074; (19) \$1,261,326; (20) \$18,082,374; (21) \$33,550; (22) \$5,564,082; (23a) \$102,779; (23b) \$0; (24) \$343,638; (25) \$93,511. |
| 15b   | Correction to 2006–2007 figure: should be \$8,679,015.   |
| 17    | Computer programmers, and budget officers included in professional staff.  |
| 20    | Includes funding from grants and special funds.  |
| 22    | Includes \$917,969 in provincial funding for resources for the Saskatchewan Health Information Resources Partnership; unable to determine exact portion of this funding that would be specific to the U of Saskatchewan.   |
| 38    | Includes professors, associate professors, assistant professors, lecturers and instructors.  |
| 39    | Includes 45 certificate/diploma students.  |
| 40    | Includes 702 certificate/diploma students.   |
| 41    | Includes 263 post-graduate clinical students.  |

#### SMITHSONIAN

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|---------|---|
|         | All figures are as of 09/30/2008.   |
|         | Library branches included: Smithsonian Institution (SI) Libraries has a total of 20 libraries located throughout the museums and research institutes of the Smithsonian Institution. Included are: National Air and Space Museum Library, Washington, DC; National Museum of American History, Washington, DC; National Museum of Natural History Library, Washington, DC; National Postal Museum Library, Washington, DC; National Zoological Park Library, Washington, DC; Smithsonian American Art Museum, National Portrait Gallery Library, Washington, DC; Smithsonian Environmental Research Center Library, Edgewater, Maryland; Anacostia Museum and Center for African American History and Culture Library, Washington, DC; Botany and Horticulture Library, Washington, DC; Cooper-Hewitt National Design Museum Library, New York, New York; Dibner Library of the History of Science and Technology, Washington, DC; Earl S. Tupper Library Smithsonian Tropical Research Institute, Republic of Panama; Freer Gallery of Art and Arthur M. Sackler Gallery Library, Washington, DC; Hirshhorn Museum and Sculpture Garden Library, Washington, DC; John Wesley Powell Library of Anthropology, Washington, DC; Joseph F. Cullman, 3rd Library of Natural History, Washington, DC; Museum Studies and Reference Library, Washington, DC; Museum Support Center Library, Suitland, Maryland; Vine Deloria Jr. Library, National Museum of the American Indian, Suitland, Maryland; Warren M. Robbins Library, National Museum of African Art, Washington DC. |
| 1a      | Volumes held June 30, 2007 revised to 1,229,903.  |
| 3       | 2007–2008, SI Libraries' senior management approved changing the method of counting number of physical volumes held to include all items that have barcodes and item records – not title-level. This includes all serials (bound & unbound) that have a barcode attached, and anything else that we barcode.  |
| 9       | Number of manuscripts added is estimated at 0.08 linear feet, so rounded this is zero. In 2006–2007 = 2,124 + 0 = 2,124.  |
| 15a–15b | Smithsonian Institution Libraries serves as the purchasing agent for all monographs, serials and electronic resources for the Smithsonian Institution. Purchases processed for The Woodrow Wilson International Center for Scholars (which is not under SIL administration) are not added to the SIL collections and the expenditures for monographs and serials are not included in (15).  |
| 15d     | Includes costs for OCLC bibliographic utilities only. This cost was previously reported in (19)– Other operating expenditures.  |

#### SMITHSONIAN, cont.

- 17 There was significant turnover of staff in 2006–2007, and several “high cost” positions were filled at a lower salary. However, SI libraries were also able to fill several professional positions that had been vacant for several years, resulting in a large increase in salary figures for professionals. These are actual “on board” costs, and do not include any “lapsed salaries” due to vacancies. Lapsed salaries were reprogrammed for expenditures in other areas.
- 19 Includes staff travel, training, cataloging, digitizing, collection-care supplies and services, general, preservation and automation supplies, equipment purchases, memberships, equipment maintenance, and miscellaneous contracts. It does not include health and transit benefits, building maintenance, public programs, exhibitions and development expenditures.
- 21 Through an internal grant from a large endowment, SI was able to purchase 90 back years (1900–1989) of Science Citation Index.
- 23a Includes only OCLC bibliographic utility costs.
- 24 Total includes OCLC license and fees for Illiad (ILL) software. This was a new cost for 2007–2008.
- 26c Student assistants (Scholtz then O’Hara) equal 0.30 FTE which is rounded to zero.
- 28 In years prior to 2007–2008 the number of weekly public service hours was calculated based on 31 service points open for 8 hours per day equaling 248 hours. Per this year’s (2007–2008) instructions, 31 of our service points are open 8 hours per day (9am – 5 pm) resulting in access during a 40 hour week. The 32nd service point is open 3 days per week for 8 hours, which should not change the result.
- 35 Borrows are steadily increasing as our funding levels decrease.

#### SOUTH CAROLINA

- 1a Volumes held June 30, 2007 revised to 3,581,962.
- 4a–4b The Main Library did not report numbers for questions (4a–4b) in 2006–2007, so the total number was artificially low in 2006–2007.

#### SOUTHERN CALIFORNIA

- Library branches included: USC Libraries, Norris Medical Library, Jennifer Ann Wilson Dental Library & Learning Center, and the Asa V. Call Law Library.
- 1a Volumes held June 30, 2007 revised to 4,569,723.
- 3 Asa V. Call Law Library count is bibliographic.
- 15 2006–2007 corrected figures sent to ARL on 01/27/09 (published/originally reported figures for main campus only, excluding Law & Medicine): (15) \$9,994,720; (15a): \$2,087,891; (15b): \$4,417,035; (15c): \$3,474,921; (15d): \$14,873; (21): \$708,552; (22): \$2,227,031. Method: (15a) derived completely from ASRs, both regular & special funds; (15b) derived as 8% less than 1(5b) for 2007–2008 as otherwise figure is too high to be realistic using method for 2007–2008; differential added to (15c); (15c) derived Lana spreadsheet total and other expenses derived from ASRs; (15d) derived completely from ASRs, both regular & special funds; (21) & (22) derived Lana spreadsheet totals.
- 38 Includes 1,483 full-time medical faculty.

#### SOUTHERN ILLINOIS

- 2 Includes e-books: Springer Book series archive (4,516 volumes) and Contemporary Literary Criticism (252 volumes).
- 4b The increase reflects improved tracking of free e-journals by Ex Libris SFX (our e-journal management system).

#### SUNY-ALBANY

- All university libraries are included.
- 1a Volumes held June 30, 2007 revised to 2,150,165.
- 1bi Count includes 49,298 e-books. This large increase over the 6,313 reported in 2006–2007 is due to improved means of counting e-books.
- 2 Includes 1,136 e-books.
- 12–13 These figures were recounted.
- 16 Excludes theses and dissertations.
- 19 The figures reported here are much lower than what was reported during the last survey period (2006–2007). These numbers reflect our best efforts to capture other operating expenditures, but are not comprehensive due to internal accounting difficulties.
- 25 Includes bibliographic utility fees.
- 33 Circulation in 2006–2007 was published as 90,160 but has been revised to 142,963.

#### SUNY-BUFFALO

- 23b, 25 This information is unavailable.

**SUNY-BUFFALO, cont.**

- 30 An additional 2,805 students completed the Library Skills Workbook in 2007–2008.

**SUNY-STONY BROOK**

Marine and Atmospheric Science Information Center; Math, Physics, Astronomy; Music; Chemistry; Science and Engineering; Stony Brook Southampton Campus Libraries are included.

- 1a Volumes held June 30, 2007 revised to 2,240,762.  
15 Includes research and foundation funds and grants (\$175,016).  
15d Includes bibliographic utilities, ILL and document delivery, freight (\$13,864), and off-site storage (\$60,823).  
16 Includes funds from New York State Preservation Grant (\$9,611).  
38 Figure includes the Health Sciences Center.

**SYRACUSE**

The Law Library is included.

- 1bii Library continues to withdraw duplicate copies of monographs and print format of titles when available in electronic format.  
24 Data was unavailable in 2006–2007.  
25 Figure for 2006–2007 was incorrectly reported.

**TEMPLE**

Science, Engineering, and Architecture Library (SEAL), Charles L. Blockson Afro-American Collection, Ambler Library, Tyler School of Art Library, and the Harrisburg Library are included.

- 1a Volumes held June 30, 2007 revised to 3,137,616.  
25 Increase due to more precise calculation of total expenditures related to interlibrary loan services.  
26 Decrease from 2006–2007 due to significant reduction of student assistant FTE, and to an error in support staff FTE reported in 2006–2007.  
26b Support staff of 78 reported for 2006–2007 was incorrect.  
26c Significant reduction in student assistant FTE.

**TENNESSEE**

Includes Main (University Libraries-Knoxville and UT Space Institute-Tullahoma); Health Sciences Libraries (Health Sciences Library-Memphis, Preston Medical Library, and the Knoxville part of College of Medicine in Memphis); and the College of Law Library.

- 1a Volumes held June 30, 2007 revised to 3,252,763.  
4a Before de-duplication: Main Titles Purchased: Electronic 28,078, Print 3,605, Total 31,683.  
4b Before de-duplication: Main Titles Not Purchased: 15,268.  
11 As part of the Media Center reorganization, 804 of 984 slide sets were withdrawn during 2007–2008.  
28 2006–2007 hours should have been 148; medical hours were counted twice. The University Libraries are open 148 hours and the University of Tennessee Space Institute (UTSI) Library is open 40 hours, but the UTSI hours occurred within the hours of operation for the University Libraries.  
37 In 2006–2007 the UT Health Sciences PhD programs were omitted.

**TEXAS**

All figures are as of 08/31/2008.

Includes the University of Texas (Austin) Libraries, the Briscoe Center for American History, the Tarlton Law Library, and the Humanities Research Center.

- 1 Volumes held June 30, 2007 revised to 10,103,429.  
4 We de-duped our SFX list by ISSN, resulting in a list of electronic serials by unique ISSNs. The list of electronic serials by unique ISSN was compared to the list of active print/other serial titles derived from the Innovative Interfaces Serials Control module. ISSNs which appeared in both lists were dropped from the print/other list, resulting in a list of print/other titles with unique ISSNs or with no ISSNs at all. Both lists (electronic and print/other) were then sorted into purchased/ non-purchased.  
15 Includes total expenditures for library materials of \$14,007,642 by the University Libraries; \$96,055 by the Center for American History; \$1,463,540 by the Tarlton Law Library; and \$2,047,254 by the Humanities Research center.  
17c Includes federal work-study funds.

## TEXAS, cont.

- |    |                                     |
|----|-------------------------------------|
| 30 | Includes users of online tutorials. |
| 36 | Does not include EdD degrees.       |

## TEXAS A&M

All figures are as of 08/31/2008.

Library branches included: Sterling C. Evans Library, Library Annex, Cushing Memorial Library, West Campus Library, Policy Sciences and Economics Library, Medical Sciences Library, Technical Reference Center (Architecture Library), Jack K. Williams Library (Galveston), Texas A&M University at Qatar Library.

- |      |   |
|------|---|
| 1bi  | Increase reflects correction in volume count over the past years (prior to 2007–2008). Have new computer algorithm for counting volumes that indicated previous years were under-reported.  |
| 2    | Decrease in “Numbers of monographs Purchased” result of not purchasing as many e-books as in previous 2 years (2005–2006/2006–2007).  |
| 4    | Change in serials reported reflects change in programming algorithm used to count the various categories of purchased and not purchased serials. New algorithm reflects better identification and coding of unique serial titles. |
| 4biv | Government Documents are reflected in freely accessible figure.   |
| 12   | Increase in Audio materials reflects new commitment to acquiring materials in this format. Growth for 2007–2008 is approximately the same as growth between 2006–2007 and 2005–2006.  |

## TEXAS TECH

All figures are as of 08/31/2008.

Library branches included: Architecture Library, Museum Library, Geosciences Library, Vietnam Archives Library, Southwest Collections/Special Collections Library, Harrington Library Texas Tech University Health Science Center (TTUHSC)/Amarillo, Montes-Gallo Library of the Health Sciences TTUHSC/El Paso, Library of the Health Sciences TTUHSC/Odessa, Preston Smith HSC Library, and the Law Library.

## TORONTO

All figures are as of 04/30/2008.

Includes the Main Libraries, Campus and Federated & Affiliated Libraries: Architecture, Astronomy, Business, Chemistry, Criminology, Dentistry, Earth Sciences, Engineering & Computer Sciences, Fine Art, Industrial Relations, Information Studies Forum, Innis College, Knox College, Law, Massey, Music, New College, Physics, Inst. of Policy Analysis, Regis College, Royal Ontario Museum, St. Augustine Seminary, St. Michael's College, Trinity College, University College, U of Toronto Schools, Victoria College. Branch Campuses libraries include the U of Toronto- Mississauga, and U of Toronto-Scarborough. Hospital Libraries: Baycrest, Bloorview Kids Rehab, Mt. Sinai Hospital, St. Michael's Hospital, Toronto Rehab.

- |       |   |
|-------|---|
| 1a    | Volumes held 30 June 2007 revised to 10,953,627. This is to account for e-books not counted in 2006–2007.   |
| 4a    | There was an error in de-duping serials in 2006–2007.   |
| 15-25 | Expenditures as reported in Canadian dollars: (15a) \$8,433,993; (15b) \$11,609,207; (15c) \$6,040,015; (15d) \$0; (15) \$26,083,215; (16) \$318,976; (17a) \$15,503,557; (17b) \$16,472,975; (17c) \$4,045,115; (17) \$36,021,647; (19) \$6,419,062; (20) \$68,842,900; (21) \$1,735,232; (22) \$7,641,745; (23a) \$727,318; (23b) \$0; (24) \$1,993,548; (25) \$98,680. |
| 27    | Number of service points reported in 2006–2007 was inaccurate.  |

## TULANE

Included: Turchin Business Library and the Nadine Vorhoff Library for the Newcomb Center for Research on Women.

- |    |  |
|----|--|
| 1a | Volumes held June 30, 2007 revised to 3,146,953. |
|----|--|

## VANDERBILT

- |     |   |
|-----|---|
| 1   | Includes 460,617 e-books held by library system.  |
| 1a  | Volumes held June 30, 2007 revised to 3,393,519. Total includes 81,854 electronic books purchased during 2007–2008.     |
| 1bi | Per ARL instructions, removed 81,854 e-books purchased during the year (2007–2008) and added them to the total in (1a). |

## VIRGINIA

Library branches included: Alderman (main), Astronomy, Biology/Psychology, Brown Science & Engineering, Chemistry, Clemons Undergraduate, Education, Fiske Kimball Fine Arts, Math, Music, Physics, and Small Special Collections.

- |     |  |
|-----|--|
| 1   | Includes 348,171 e-books. The Darden Graduate Business Library does not own e-books. |
| 1bi | 7,636 e-books added.   |



## VIRGINIA, cont.

- 1bii 0 e-books withdrawn.
- 2 318,393 e-books purchased.
- 4 The serials figures for all University of Virginia libraries are reported in the University Library (Main) survey only (see 2007–2008 ARL Statistics).
- 4b This is a large increase (49%) over what was reported in 2006–2007. Unpaid electronic serials holdings were significantly undercounted in 2006–2007 and previous years.
- 17 The University of Virginia is excluding fringe benefits from salary expenditures beginning with 2007–2008.
- 17c For the University of Virginia Library, the “student assistant” category includes part-time temporary and wage workers.
- 36–42 Reported for all University of Virginia libraries on the University Library (main) survey.

## WASHINGTON

Includes main campus library, UW-Bothwell library and the UW-Tacoma library.

- 1a Volumes held June 30, 2007 revised to 7,304,356.
- 4 The number of current serials titles received is 61,979 and is composed of: (4a) Serials titles currently purchased: 33,582; subdivided to (4ai) electronic: 22,297 and (4aii) print: 11,285 (4b) 24,383 Serials titles currently received but not purchased: (4bi) Consortial: 0; (4bii) Freely Accessible: 12,812; (4biii) Print (and other format): 3,766 and (4biv): Government Documents: 7,805. Both (4a) and (4b) and their subtotals were changed to UA/NA so that the operating system could aggregate the 4,014 serials reported in the Washington Law library survey.

## WASHINGTON STATE

Includes WSU-Vancouver, WSU-Tri-Cities, WSU Energy Library, WSU Spokane, and WSU Intercollegiate College of Nursing (ICN). During the year (2007–2008) a merger was in progress between WSU-Spokane and ICN.

- 1a Volumes held June 30, 2007 revised to 2,294,937.
- 1b Includes 10,678 e-books.
- 4 The change from the figure reported for 2006–2007 is largely due to improvements in procedures for title identification and deduplication. The 2006–2007 figure is under review.
- 15a Includes some media expenditures reported in past years (prior to 2007–2008) under (15c).
- 15c Some media expenditures reported here in past years (prior to 2007–2008) are now included in (15a).
- 15d Copyright fees: \$4,295; computing services: \$12; collections software: \$24,288; document delivery: \$6,000; consortia dues and related expenditures: \$68,099; other/purpose not reported: \$107,857.
- 26a Includes 2.5 FTE temporary positions.
- 33 Total circulations for 2006–2007 were misreported as 253,118. The correct total was 320,418.
- 34 Figure for 2006–2007 was misreported. The correct figure is 53,739.
- 35 Figure for 2006–2007 was misreported. The correct figure is 24,374.

## WASHINGTON U.-ST. LOUIS

- 1bi Includes 4,350 electronic books added in main library this year (2007–2008).
- 4ai This number is significantly higher than previous years (prior to 2007–2008) because we used the count of electronic serials provided by Serials Solutions. We are unable to dedupe for the names or correlate them with III.
- 19 Fringe benefits are included in other expenditures.

## WATERLOO

All figures are as of 04/30/2008.

Library branches included: Includes the Musagetes Architecture Library, Optometry Learning Resource Centre, and the TriUniversity Storage Annex (University of Waterloo materials only).

- 1a, 1bi Volumes held 30, June 2007 revised to 2,259,482.
- 4ai Change from using in-house ERM system to SFX knowledgebase.
- 4aii Figure changed due to counting titles rather than counting orders (subscriptions).
- 4bi Included in (4ai).
- 4biii Included in (4aii).

## WATERLOO, cont.

- 4biv Included in (4ai).
- 15–25 Expenditures as reported in Canadian dollars: (15a) \$1,280,055; (15b) \$4,696,844; (15c) \$123,757; (15d) \$499,095; (15) \$6,599,751; (16) \$50,268; (17a) \$2,684,394; (17b) \$3,864,126; (17c) \$676,493; (17) \$7,225,013; (19) \$1,756,538; (20) \$15,631,570; (21) \$123,757; (22) \$3,636,098; (23a) \$16,441; (23b) \$0; (24) \$465,393; (25) \$57,148.
- 15a Some e-book expenditures are included in other lines.
- 15d Includes taxes, shipping, evaluations, ScholarsPortal and e-reserves.
- 17 Salary and personnel figures are current as of 30 April 2008.
- 21 We purchased: Blackwell Backfiles (payment 3 of 3) and Historical Newspapers (Other) (payment 2 of 2).
- 34 More e-resources available and therefore fewer requests were received.

## WAYNE STATE

All figures are as of 09/30/2008.

Includes the Reuther Archives of Labor and Urban Affairs, the Shiffman Medical Library, and the Neef Law Library. The 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.

- 1a Volumes held June 30, 2007 revised to 3,658,639. The number of volumes held at the beginning of the year has been adjusted to reflect 82,607 e-books previously uncounted and 117,259 volumes of the U.S. Serials Set acquired from Lexis Nexis in 2007–2008.
- 1bi The number of volumes added gross includes 6,870 e-books acquired from Ebrary, Safari, Knovel, Netlibrary, SourceOECD, Making of Modern Law, Hein, Access Medicine, Lange e-books, and other vendors.
- 2 The number of monograph volumes purchased includes 6,870 e-books acquired from Ebrary, Safari, Knovel, Netlibrary, SourceOECD, Making of Modern Law, Hein, Access Medicine, Lange e-books, and other vendors. Counts from years prior to 2007–2008 have excluded e-books.
- 9 This is an estimated figure.
- 34–35 We refined the gathering of ILL statistics in 2007–2008. We now believe there was an over count in previous reports. The increase in 2007–2008 is due to a new article delivery service.
- 36 Includes EdD degrees.

## WESTERN ONTARIO

All figures are as of 04/30/2008.

Library branches included: Archives and Research Collections Centre, C.B. (Bud) Johnston Library, Education Library, John & Dotsa Bitove Family Law Library, Music Library, Allyn & Betty Taylor Library, and the D.B. Weldon Library.

- 1a Volumes held June 30, 2007 revised to 3,497,689. Includes 135,611 e-books added in 2007–2008.
- 2 Number includes total 4,874 e-books: Electronic Book Library 555; Lippincott Wilson & Wilson 623; Mylibrary 326; Springer 3,370.
- 4ai Includes Law Library as well. E-serials are centrally funded and made accessible for all locations.
- 9 Western Archives collection only in the Archives and Research Collections Centre.
- 10 Western Archives cartographic materials only in the Archives and Research Collections Centre.
- 11 London Free Press Photographic Negatives Collection in Western Archives, Archives and Research Collections Centre.
- 12 Music Library audio materials housed in Music and Archives and Research Collections Centre.
- 13 Music video materials housed in the Music Library and the Archives and Research Collections Centre.
- 15–25 Expenditures as reported in Canadian dollars: (15a) \$2,289,750; (15b) \$9,221,541; (15c) \$0; (15d) \$244,132; (15) \$11,755,423; (16) \$117,338; (17a) \$4,427,387; (17b) \$3,985,251; (17c) \$303,508; (17) \$8,716,146; (19) \$944,120; (20) \$21,533,027; (21) \$56,130; (22) \$6,992,523; (23a) \$187,691; (23b) \$0; (24) \$345,320; (25) \$12,183.
- 15b E-serials centrally funded and include Law Library.
- 15d, 21 This is centrally funded and includes Law Library.
- 22 E-resources centrally funded and include Law Library.
- 23a–25 Centrally funded and includes Law Library.
- 35 Central service for all library locations including Law Library.

## WISCONSIN

Library branches included: General Library System (GLS): Archives, Art, Astronomy, Biology, Business, Chemistry, College (Undergraduate library), Geography, Geology & Geophysics, Math, Memorial, Music, Physics, Social Science, Social Work, Special Collections, Agriculture and Life Sciences (Steenbock), Map, Merit (formerly CIMC Education), Primate, School of Library & Information Studies (SLIS), Wendt Engineering, Health Sciences (Ebling), Law, and the Wisconsin Historical Society Library.

- 1 There is an increase of 105,000 volumes added from the Wisconsin Historical Society Library (WHS), our University's library for American History. These items represent the WHS share of total number of titles (220,000) of pre-1976 publications from the purchased MARCIVE GPO download that occurred in 2006–2007.
- 1a Volumes held June 30, 2007 revised to 7,933,636.
- 1b The count of e-books added jumped from the 17,914 previously reported to a new figure of 23,884. This is because the earlier count was based on the bibliography records being coded as format "am" (language monographs). However, in the process of investigating how to count e-books we discovered that some vendors are coding their records as either "aa" (language mono component part) or "ad" (language mono subunit).
- 4 Our campus has undergone efforts to ensure we have a reliable count of serials held based upon analyzing records within our local cataloging systems. This new methodology involved a comparison of records in two key databases in which records are captured for serials (SFX and Voyager). This process involved efforts to eliminate duplicate titles across all campus libraries through several verification levels. The process is not flawless but represents our best efforts at determining and tracking a reliable serial account for our campus.
- 31 This figure is a representative sample of reference transactions based upon an annual collection period. Specifically, the most recent statistics-gathering period was held in March 2008. Approximately, 35 campus libraries participated, resulting in 2,640 documented reference questions over a period of 7 days. This figure (2,640) does not include directional, technical, or "other" questions as defined by campus libraries.

## YALE

Library branches included: Arts Library, Bass Library, Beinecke Rare Book and Manuscript Library, Chemistry Library, Classics Library, Divinity Library, Drama Library, Engineering and Applied Science Library, Epidemiology & Public Health Library, Forestry and Environmental Studies Library, Geology Library, Kline Science Library, Law Library, Lewis Walpole Library, Mathematics Library, Medical Library, MUDD Library, Music Library, Social Science Library, and Information Services.

- 4a The change in purchased serial titles is at best an estimate and the figure reported 2006–2007 may be in error but may also reflect the change in instructions for reporting at the title rather than the subscription level. This estimate in serial titles has resulted in an increase in number of items but an reduction in average price paid. Thus, our unit price for serials purchased may be unrealistically low.
- 5 This is included in serials print counts.
- 8 Since 2002–2003 we report the number added only in the notes field; count of computer files added in 2007–2008 is 3,282. We are not reporting the cumulative figures.
- 15b An estimate in serial titles has resulted in an increase in number of items but an reduction in average price paid. Thus, our unit price for serials purchased may be unrealistically low. See footnote for (4a).
- 27 In 2007–2008 a number of Yale libraries reopened after renovations were completed.
- 32–33 Due to duplicate entries initial circulation count for 2006–2007 should have been reported as 604,828 and the total circulation count including renewals should have been 967,707.
- 34–35 Numbers includes Law library.
- 36 Information concerning doctoral degrees taken from the IPEDS Survey of Degrees granted. First professional degrees are not included.
- 37 First professional fields not included.
- 38 Number represents full-time "ladder" faculty at the University.

## YORK

All figures are as of 04/30/2008.

Library branches included: Bronfman Business Library; Steacie Science and Engineering Library; Frost Library; Scott Library and the Law Library.

- 1a Volumes held June 30, 2007 revised to 3,102,024. Includes 9,4342 e-books not included in gross volumes added.
- 11 We have 1,217 linear feet of photographs in our archives. If 110 prints equals one inch, that means we have 1,606,693 pieces.
- 15–25 Expenditures as reported in Canadian dollars: (15a) \$2,603,949; (15b) \$7,960,761; (15c) \$211,229; (15d) \$104,393; (15) \$10,880,332; (16) \$179,715; (17a) \$5,832,338; (17b) \$5,144,542; (17c) \$1,075,888; (17) \$12,052,768; (19) \$3,817,569; (20) \$26,930,384; (21) \$1,668,127; (22) \$4,508,763; (23a) \$77,399; (23b) \$0; (24) \$275,542; (25) \$24,667.

**YORK, cont.**

15d	Reporting YBP costs as instructed.
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## ARL MEMBER LIBRARIES AS OF JANUARY 1, 2009

The Association of Research Libraries (ARL) represents the interests of 123 libraries that serve major North American research institutions. The ARL Statistics and Measurement program is organized around identifying, collecting, analyzing, and distributing quantifiable information describing the characteristics of research libraries.

<b>Institution</b>	<b>Category</b>	<b>Full Name of Institution</b>	<b>Location</b>
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
Boston College	P	Boston College	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
Berkeley, California	S	University of California, Berkeley	California, Berkeley
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
George Washington	P	George Washington University	Washington, DC
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

<b>Institution</b>	<b>Category</b>	<b>Full Name of Institution</b>	<b>Location</b>
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, Quebec
Louisiana State	S	Louisiana State University	Baton Rouge, Louisiana
Louisville	S	University of Louisville	Louisville, Kentucky
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
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
Montreal	C	University of Montreal	Montreal, Quebec
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

<b>Institution</b>	<b>Category</b>	<b>Full Name of Institution</b>	<b>Location</b>
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
SUNY-Albany	S	University at Albany, State University of New York	Albany, New York
SUNY-Buffalo	S	University at Buffalo, State University of New York	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
Texas Tech	S	Texas Tech University	Lubbock, 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
Virginia Tech	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. SciTech Info.	X	Canada Inst. for Scientific & Technical Information	Ottawa, Ontario
Center for Research Libraries	N	Center for Research Libraries	Chicago, Illinois
Library of Congress	N	Library of Congress	Washington, DC
National Agricultural Library	N	National Agricultural Library	Beltsville, Maryland
Library and Archives Canada	X	Library and Archives Canada	Ottawa, Ontario
Naionat. 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: US public university  
 P: US private university  
 C: Canadian university  
 N: US nonuniversity  
 X: Canadian nonuniversity





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