

# ARL STATISTICS 2009–2010

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ASSOCIATION OF RESEARCH LIBRARIES  
WASHINGTON, DC  
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ARL Statistics 2009–2010

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/](http://www.arl.org/stats/annualsurveys/arlstats/).

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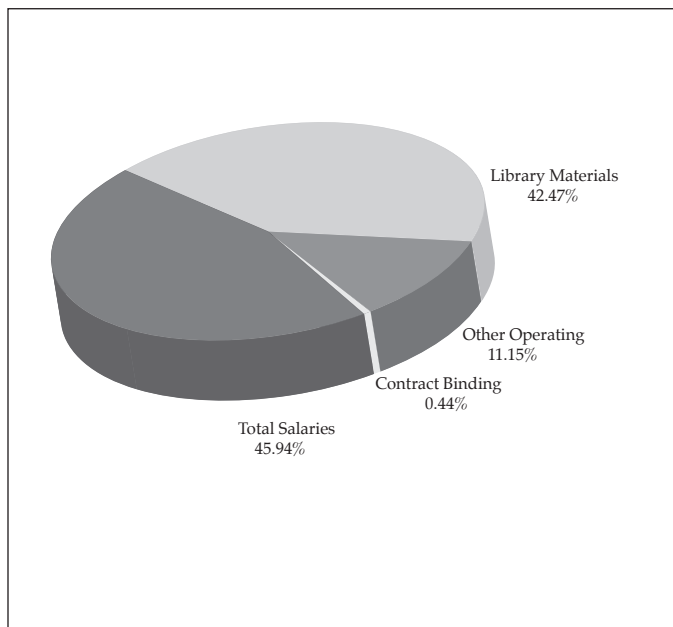
## OVERVIEW

*ARL Statistics 2009–2010* is the latest in a series of annual publications that describe collections, staffing, expenditures, and service activities for the 125 members of the Association of Research Libraries (ARL). Of these, 115 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 18 Canadian and 107 US research institutions. The academic libraries, which comprise 92% of the membership, include 16 Canadian and 99 US libraries.

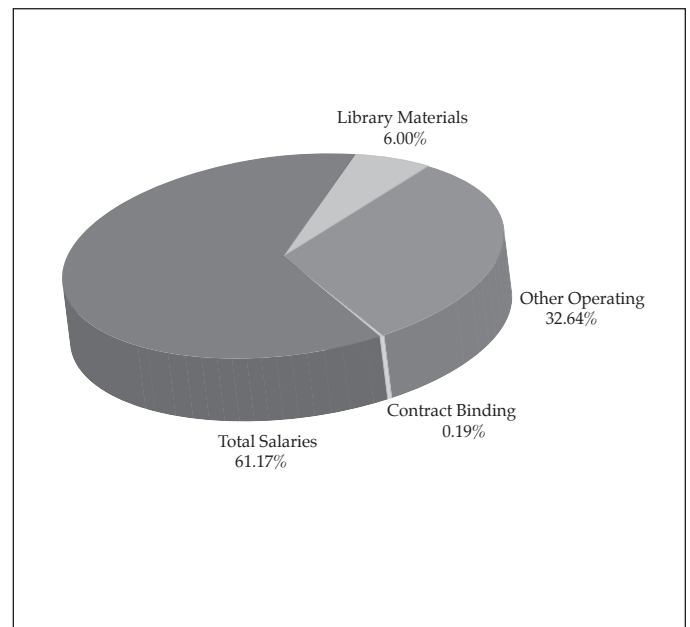
Statistics have been collected and published annually for the members of the Association of Research Libraries since 1961–62, and the data are available through an interactive Web interface. Prior to 1961–62, annual statistics for university libraries were collected by James Gerould, first at the University of Minnesota and later at Princeton University.<sup>1</sup> These data, covering the years 1907–08 through 1961–62, are now called the Gerould statistics.<sup>2</sup> The whole data series from 1908, which is available on the ARL website,<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 125 member libraries in 2009–2010 was slightly more than \$4.2 billion; from that, approximately \$3.2 billion was spent by the 115 university libraries and slightly more than \$990 million by the nonuniversity libraries. The pie charts below show how the two types of libraries divide these expenditures differently.

**University Libraries 2009–2010**



**Nonuniversity Libraries 2009–2010**



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

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

3 <http://www.arl.org/stats/annualsurveys/arlstats/mrstat.shtml>.



## ARL STATISTICS® INTERACTIVE ANALYTICS

ARL Statistics® *Interactive Analytics* is a subscription-based service for *non ARL member libraries*, for-profit and not-for-profit entities, and researchers who wish to access the ARL Statistics® Analytics.

**Librarians at ARL member libraries:** Please get in touch with your ARL Statistics Primary Contact for access to the ARL Statistics®. This person can facilitate access to the ARL Statistics® system for you.

ARL Statistics® *Interactive Analytics* is a service that interactively analyzes ARL Statistics® data. ARL Statistics® *Interactive Analytics* will allow you to:

- review the library data collected by ARL
- generate rankings of institutions by selected criteria
- create graphs from the data
- generate summary statistics for all ARL libraries
- download the data by year in spreadsheet format
- review the ARL indices

ARL is offering this subscription service to *non-member organizations* and individuals that are interested in accessing the final verified data through an interactive interface. (All ARL member libraries have access to the ARL Statistics® Analytics as soon as the data are submitted through the StatsQUAL® password-protected gateway at arlstatistics.org).

The subscription fee is \$500 for non-profit organizations and \$750 for others. Interested organizations may email stats@arl.org.

ARL Statistics® is a series of annual publications that describe the collections, expenditures, staffing, and service activities for the member libraries of the Association of Research Libraries. Statistics have been collected and published annually for the members of the Association since 1961–62. Before that, annual statistics for university libraries were collected by James Gerould, first at Minnesota and later at Princeton. These data cover the years 1907–08 through 1961–62 and are now called the Gerould statistics. The whole data series from 1908 to the present represents the oldest and most comprehensive continuing library statistical series in North America. Print copies may be ordered from the ARL Publications Program.

We would like to thank the University of Virginia for supporting the ARL Statistics Interactive edition from 1995 to 2010. Special thanks to Texas A&M University and the University of Texas for enabling ARL to support data curation activities like the ARL Statistics® *Interactive Analytics* through their support and development of LibQUAL+® Analytics.





**ARL LIBRARY DATA TABLES**  
**2009–2010**

## COLLECTIONS: VOLUMES AND MONOGRAPHS

	Notes	Volumes In Library 1	Volumes Added (Gross) 1b.i	Volumes Added (Net) 1b	Titles Held 2	Monographs Purchased (Volumes) 3
ALABAMA	bLM+	3,533,794	158,565	136,508	2,793,462	97,995
ALBERTA	LM	7,220,635	169,621	154,206	3,424,623	45,260
ARIZONA	bLM+	5,998,148	104,581	79,250	4,109,937	49,141
ARIZONA STATE	BL+	4,497,114	52,192	35,883	2,613,783	27,405
AUBURN	+	3,472,547	15,023	13,005	3,175,546	5,714
BOSTON	GLM+	2,950,238	40,862	3,820	2,587,117	15,879
BOSTON COLLEGE	GL+	2,602,677	55,964	44,682	2,149,945	27,352
BRIGHAM YOUNG	GL+	4,292,056	135,782	123,954	3,608,703	101,295
BRITISH COLUMBIA	LM+	6,423,892	151,852	111,415	3,842,980	37,412
BROWN	bM+	4,187,257	73,581	67,975	3,073,462	48,283
CALGARY	LM+	3,361,639	151,327	116,736	2,282,882	32,849
CALIFORNIA, BERKELEY	L+	11,545,418	156,972	149,779	.	.
CALIFORNIA, DAVIS	LM+	4,175,047	57,292	48,873	3,976,804	30,244
CALIFORNIA, IRVINE	bLM+	3,223,679	118,218	101,423	2,557,508	30,878
CALIFORNIA, LOS ANGELES	bLM+	9,151,964	188,975	176,401	6,013,006	35,944
CALIFORNIA, RIVERSIDE	+	3,066,630	121,716	111,459	2,315,867	39,736
CALIFORNIA, SAN DIEGO	bM+	3,830,802	208,536	168,141	.	53,332
CALIFORNIA, SANTA BARBARA	b+	3,009,809	27,571	13,412	2,982,052	14,533
CASE WESTERN RESERVE	bLM+	2,815,968	44,271	38,439	2,170,623	11,764
CHICAGO	bLM+	9,837,021	529,024	506,800	6,233,816	132,546
CINCINNATI	bLM+	4,379,445	110,457	54,389	2,800,563	33,933
COLORADO	b+	4,681,261	196,490	168,409	.	129,216
COLORADO STATE	+	2,385,266	38,027	18,658	2,348,841	20,784
COLUMBIA	LM+	11,189,036	535,687	517,804	7,496,105	405,478
CONNECTICUT	BbLM	4,096,396	143,221	113,405	2,474,471	20,903
CORNELL	BL+	8,173,778	117,628	-11,163	4,921,227	.
DARTMOUTH	bM+	3,029,067	193,275	180,546	2,361,288	177,804
DELAWARE	+	2,829,768	38,849	22,323	2,098,446	21,822
DUKE	LM+	6,174,814	93,272	90,290	.	74,263
EMORY	BGLM+	3,619,813	82,601	48,652	2,201,807	46,647

## COLLECTIONS: VOLUMES AND MONOGRAPHS

	Notes	Volumes In Library 1	Volumes Added (Gross) 1b.i	Volumes Added (Net) 1b	Titles Held 2	Monographs Purchased (Volumes) 3
FLORIDA	BbLM+	4,414,450	122,873	111,372	.	23,002
FLORIDA STATE	BbGLM+	2,885,954	42,233	-1,597	2,747,769	18,079
GEORGE WASHINGTON	BLM+	2,352,015	96,790	84,349	1,531,271	23,812
GEORGETOWN	bLM+	3,461,170	67,215	27,848	3,049,256	37,846
GEORGIA	L+	4,810,192	95,508	93,791	3,622,206	45,311
GEORGIA TECH		2,556,729	16,289	14,849	821,424	8,974
GUELPH	B+	1,901,534	32,794	3,186	1,521,939	13,400
HARVARD	bLM+	16,832,952	275,950	275,950	11,093,401	99,987
HAWAII	LM+	3,602,058	40,170	14,053	2,521,694	15,248
HOUSTON	bGL+	2,708,936	46,462	42,864	2,280,869	18,637
HOWARD	bLM+	2,613,769	15,826	15,065	702,499	2,819
ILLINOIS, CHICAGO	GM+	2,612,007	204,412	187,701	2,550,310	161,629
ILLINOIS, URBANA	bL+	13,158,748	256,943	251,817	7,667,789	161,400
INDIANA	L+	8,677,974	152,934	120,068	6,051,783	74,382
IOWA	GLM+	5,490,825	232,867	179,852	4,998,971	54,604
IOWA STATE	+	2,626,074	37,043	18,705	1,655,685	27,053
JOHNS HOPKINS	BM+	3,701,215	32,558	-36,595	3,077,355	22,617
KANSAS	BbLM+	4,318,644	54,858	47,531	3,719,251	38,095
KENT STATE	b+	2,922,855	52,579	33,842	1,800,000	9,568
KENTUCKY	LM+	3,915,579	85,179	80,568	2,337,105	86,326
LAVAL	LM+	3,074,029	115,490	107,861	1,404,727	35,867
LOUISIANA STATE	LM+	4,128,626	19,872	-347	2,152,495	7,719
LOUISVILLE	BbM+	2,277,549	56,695	43,221	.	34,181
MCGILL	BbLM+	4,292,324	75,512	62,384	2,994,374	134,178
MCMASTER	bM+	2,092,944	115,033	78,877	1,769,393	26,613
MANITOBA	LM+	2,306,410	73,564	-11,007	1,592,516	89,871
MARYLAND	G	3,930,013	183,501	162,360	2,355,867	37,532
MASSACHUSETTS	+	3,697,796	49,007	43,615	.	3,276
MIT	+	3,119,157	67,326	61,553	.	171,568
MIAMI	bLM+	3,348,622	87,602	48,252	2,409,418	37,324

## COLLECTIONS: VOLUMES AND MONOGRAPHS

	Notes	Volumes In Library 1	Volumes Added (Gross) 1b.i	Volumes Added (Net) 1b	Titles Held 2	Monographs Purchased (Volumes) 3
MICHIGAN	LM+	10,778,736	250,652	168,249	7,726,338	210,562
MICHIGAN STATE	L+	5,609,761	82,390	61,834	5,008,588	29,234
MINNESOTA	bLM+	7,111,311	131,822	95,652	4,928,000	36,209
MISSOURI	bLM+	3,561,607	57,443	37,812	2,879,669	33,516
MONTREAL	LM+	2,933,991	55,224	-244,537	1,936,860	81,572
NEBRASKA	bL+	3,500,601	50,507	29,172	2,204,790	15,732
NEW MEXICO	LM+	3,430,200	50,532	39,668	2,562,174	12,050
NEW YORK	BbLM+	5,382,424	97,075	67,175	3,087,351	49,915
NORTH CAROLINA	LM+	7,012,787	207,232	173,093	4,028,062	70,770
NORTH CAROLINA STATE	+	4,332,899	75,370	74,709	2,083,724	23,776
NORTHWESTERN	BLM+	5,047,970	169,105	117,357	.	119,834
NOTRE DAME	bL+	3,673,092	89,466	84,828	2,527,270	.
OHIO	BbM+	2,979,370	41,695	20,686	2,104,638	23,404
OHIO STATE	bLM+	6,161,657	197,966	110,191	4,862,865	108,051
OKLAHOMA	LM+	5,662,666	121,400	104,373	3,625,248	27,204
OKLAHOMA STATE	BM+	3,468,428	55,393	54,752	2,312,285	30,966
OREGON	BbL+	3,033,070	37,425	26,951	1,932,872	19,378
OTTAWA	GLM	1,993,062	41,500	41,500	1,818,135	39,611
PENNSYLVANIA	GLM+	6,438,305	222,613	215,091	.	.
PENNSYLVANIA STATE	BbLM+	5,441,121	197,064	103,031	3,914,614	61,154
PITTSBURGH	BLM+	6,148,036	272,715	250,105	.	.
PRINCETON	b+	7,226,744	155,740	151,303	5,286,463	117,227
PURDUE	+	2,566,521	19,776	-12,621	2,183,032	11,233
QUEEN'S	GLM+	2,598,040	32,676	20,897	.	25,059
RICE	+	2,667,111	46,799	46,769	2,149,601	34,312
ROCHESTER	bGM+	3,826,916	29,257	-62,680	2,967,539	21,924
RUTGERS	BL+	4,722,407	211,866	151,072	2,169,635	16,809
SASKATCHEWAN	LM+	2,386,203	28,103	24,494	1,464,216	11,963
SOUTH CAROLINA	GLM+	3,963,958	32,894	28,378	3,464,533	11,173
SOUTHERN CALIFORNIA	BLM+	4,180,515	82,671	56,262	2,901,824	84,273

## COLLECTIONS: VOLUMES AND MONOGRAPHS

	Notes	Volumes In Library 1	Volumes Added (Gross) 1b.i	Volumes Added (Net) 1b	Titles Held 2	Monographs Purchased (Volumes) 3
SOUTHERN ILLINOIS	GLM+	3,203,455	43,163	31,836	1,907,437	35,257
SUNY-ALBANY	+	2,293,745	32,014	29,978	1,492,130	18,475
SUNY-BUFFALO	LM+	4,029,865	214,002	177,791	2,558,204	20,059
SUNY-STONY BROOK	bGM+	2,287,068	13,097	9,354	1,376,686	5,903
SYRACUSE	L+	3,291,384	97,936	90,353	1,926,828	77,382
TEMPLE	BbLM+	3,990,379	57,417	55,939	2,281,956	37,501
TENNESSEE	BbLM+	3,330,181	47,669	7,763	2,220,847	32,006
TEXAS	L+	9,990,941	142,205	114,097	5,723,236	93,158
TEXAS A&M	BbM+	4,577,498	512,221	488,529	3,531,760	429,100
TEXAS TECH	BGLM+	2,775,068	49,550	42,007	149,609	34,859
TORONTO	BGLM+	11,529,942	233,021	184,840	6,669,809	145,809
TULANE	BLM+	4,155,793	159,849	150,140	142,314	53,110
UTAH	GLM	3,441,965	27,164	22,989	.	.
VANDERBILT	LM+	3,531,208	80,884	63,666	2,788,015	23,381
VIRGINIA	LM+	5,607,915	112,250	-1,855	4,213,107	153,782
VIRGINIA TECH		2,634,115	250,557	248,300	1,799,403	21,955
WASHINGTON	BLM+	7,203,156	208,765	206,954	4,720,498	47,912
WASHINGTON STATE	Bb+	2,450,409	61,311	55,560	1,883,552	18,689
WASHINGTON U.-ST. LOUIS	bLM+	4,323,958	93,598	29,203	2,827,082	24,923
WATERLOO	+	2,364,347	34,826	29,057	1,842,827	41,945
WAYNE STATE	LM+	3,655,805	14,399	-9,823	2,159,995	9,652
WESTERN ONTARIO	L+	3,664,579	21,906	19,900	2,719,126	29,004
WISCONSIN	LM+	8,421,198	124,316	110,466	6,124,944	50,274
YALE	GLM+	12,787,962	237,514	223,805	8,220,708	179,266
YORK	BL+	2,976,128	71,218	65,518	2,976,128	38,670
BOSTON PUBLIC	+	7,292,164	109,779	-162,636	.	109,779
CENTER FOR RESEARCH LIBS		2,257,743	16,299	16,299	.	4,395
LIBRARY OF CONGRESS	b+	34,151,514	662,156	635,812	12,668,995	173,360
NATL AGRICULTURAL LIB		2,455,950	12,563	5,881	1,004,968	1,762
LIB & ARCHIVES CANADA	+	10,721,342	317,133	317,103	2,874,872	4,054

## COLLECTIONS: VOLUMES AND MONOGRAPHS

	Notes	Volumes In Library 1	Volumes Added (Gross) 1b.i	Volumes Added (Net) 1b	Titles Held 2	Monographs Purchased (Volumes) 3
NATL LIB OF MEDICINE	+	2,663,158	36,481	35,300	.	12,269
NEW YORK PUBLIC	G	9,340,701	75,621	75,608	6,073,613	167,378
NEW YORK STATE		2,760,915	23,608	23,598	1,980,379	2,095
SMITHSONIAN	+	1,888,189	47,918	42,965	850,019	4,605

+ - See Footnotes

L - Includes Law Library

M - Includes Medical Library

G - Government documents not included in serials counts

B - Includes branch campuses

b - Basis of volume count is bibliographic

. - Unavailable, not applicable or no data supplied

**COLLECTIONS: VOLUMES AND MONOGRAPHS  
Summary Data**

		Volumes In Library 1	Volumes Added (Gross) 1b.i	Volumes Added (Net) 1b	Titles Held 2	Monographs Purchased (Volumes) 3
<b>University Libraries</b>	Mean	4,642,989	113,059	87,386	3,131,674	57,232
	Median	3,697,796	82,671	61,834	2,560,189	34,859
	High	16,832,952	535,687	517,804	11,093,401	429,100
	Low	1,901,534	13,097	-244,537	142,314	2,819
	Totals	533,943,702	13,001,740	10,049,395	319,430,758	6,238,313
	Number of Libraries Reporting	115	115	115	102	109
<b>Nonuniversity Libraries</b>	Median	2,760,915	47,918	35,300	2,427,626	4,605
	Totals	73,531,676	1,301,558	989,930	25,452,846	479,697
	Number of Libraries Reporting	9	9	9	6	9
<b>Grand Totals</b>		607,475,378	14,303,298	11,039,325	344,883,604	6,718,010

## COLLECTIONS: CURRENT SERIALS

	Notes	Current Serials Total 5	Current Serials Purchased 5a	Current Serials Purchased Electronic 5a.i	Current Serials Purchased Print 5a.ii
ALABAMA	bLM+	88,083	51,136	46,444	4,692
ALBERTA	LM	111,298	97,975	90,557	7,418
ARIZONA	bLM+	91,472	85,874	79,521	6,353
ARIZONA STATE	BL+	92,272	73,977	68,768	5,209
AUBURN	+	57,935	25,113	24,322	791
BOSTON	GLM+	65,037	53,925	47,901	6,024
BOSTON COLLEGE	GL+	34,866	20,900	17,071	3,829
BRIGHAM YOUNG	GL+	80,292	53,520	43,393	10,127
BRITISH COLUMBIA	LM+	97,729	97,729	90,612	7,117
BROWN	bM+	75,022	49,107	48,145	962
CALGARY	LM+	55,598	36,193	32,623	3,570
CALIFORNIA, BERKELEY	L+	134,303	68,352	39,657	28,695
CALIFORNIA, DAVIS	LM+	74,836	46,413	37,847	8,566
CALIFORNIA, IRVINE	bLM+	78,231	52,056	48,909	3,147
CALIFORNIA, LOS ANGELES	bLM+	78,463	43,277	29,863	13,414
CALIFORNIA, RIVERSIDE	+	90,810	56,619	54,494	2,125
CALIFORNIA, SAN DIEGO	bM+	78,435	47,560	42,663	4,897
CALIFORNIA, SANTA BARBARA	b+	70,304	37,935	34,041	3,894
CASE WESTERN RESERVE	bLM+	85,591	78,184	73,270	4,914
CHICAGO	bLM+	116,750	69,500	57,291	12,209
CINCINNATI	bLM+	110,087	91,063	88,917	2,146
COLORADO	b+	72,210	46,379	43,987	2,392
COLORADO STATE	+	53,774	25,086	23,427	1,659
COLUMBIA	LM+	168,812	118,567	103,099	15,468
CONNECTICUT	BbLM	94,953	52,277	48,177	4,100
CORNELL	BL+	109,000	.	.	.
DARTMOUTH	bM+	75,529	61,081	57,677	3,404
DELAWARE	+	39,557	25,267	23,596	1,671
DUKE	LM+	113,602	74,013	63,627	10,386
EMORY	BGLM+	85,044	66,992	60,029	6,963



## COLLECTIONS: CURRENT SERIALS

	Notes	Current Serials Not Purchased 5b	Current Serials Not Purchased Consortial 5b.i	Current Serials Not Purchased Freely Accessible 5b.ii	Current Serials Not Purchased Print 5b.iii	Current Serials Not Purchased GovDocs 5b.iv
ALABAMA	bLM+	36,947	.	35,236	286	1,425
ALBERTA	LM	13,323	.	.	13,323	.
ARIZONA	bLM+	5,598	0	5,155	443	0
ARIZONA STATE	BL+	18,295	.	5,257	448	12,590
AUBURN	+	32,822	15,023	10,279	839	6,681
BOSTON	GLM+	11,112	5,676	5,110	0	326
BOSTON COLLEGE	GL+	13,966	8,461	5,301	204	.
BRIGHAM YOUNG	GL+	26,772	.	25,632	1,010	130
BRITISH COLUMBIA	LM+	0	.	.	.	.
BROWN	bM+	25,915	0	13,122	234	12,559
CALGARY	LM+	19,405	14,360	3,406	102	1,537
CALIFORNIA, BERKELEY	L+	65,951	.	48,550	17,401	.
CALIFORNIA, DAVIS	LM+	28,423	410	25,477	2,237	299
CALIFORNIA, IRVINE	bLM+	26,175	0	10,774	126	15,275
CALIFORNIA, LOS ANGELES	bLM+	35,186	0	25,476	7,060	2,650
CALIFORNIA, RIVERSIDE	+	34,191	22,127	4,936	2,686	4,442
CALIFORNIA, SAN DIEGO	bM+	30,875	.	22,188	3,302	5,385
CALIFORNIA, SANTA BARBARA	b+	32,369	0	25,001	1,485	5,883
CASE WESTERN RESERVE	bLM+	7,407	78	5,776	81	1,472
CHICAGO	bLM+	47,250	1,856	21,656	10,990	12,748
CINCINNATI	bLM+	19,024	0	9,629	0	9,395
COLORADO	b+	25,831	0	7,740	157	17,934
COLORADO STATE	+	28,688	4,660	17,980	385	5,663
COLUMBIA	LM+	50,245	0	35,224	5,222	9,799
CONNECTICUT	BbLM	42,676	24,909	9,626	262	7,879
CORNELL	BL+	.	.	.	.	.
DARTMOUTH	bM+	14,448	.	11,086	2,164	1,198
DELAWARE	+	14,290	0	3,003	248	11,039
DUKE	LM+	39,589	0	37,710	128	1,751
EMORY	BGLM+	18,052	6	17,526	85	435

## COLLECTIONS: CURRENT SERIALS

	Notes	Current Serials Total 5	Current Serials Purchased 5a	Current Serials Purchased Electronic 5a.i	Current Serials Purchased Print 5a.ii
FLORIDA	BbLM+	109,181	74,674	56,568	18,106
FLORIDA STATE	BbGLM+	81,141	57,737	53,691	4,046
GEORGE WASHINGTON	BLM+	89,721	79,698	74,098	5,600
GEORGETOWN	bLM+	81,653	74,044	68,794	5,250
GEORGIA	L+	93,148	60,250	53,788	6,462
GEORGIA TECH		42,001	10,286	8,355	1,931
GUELPH	B+	56,936	50,706	48,982	1,724
HARVARD	bLM+	157,854	149,064	84,938	64,126
HAWAII	LM+	75,366	44,429	34,310	10,119
HOUSTON	bGL+	76,619	48,471	45,145	3,326
HOWARD	bLM+	24,263	15,177	7,298	7,879
ILLINOIS, CHICAGO	GM+	54,997	43,530	39,401	4,129
ILLINOIS, URBANA	bL+	123,857	110,911	64,130	46,781
INDIANA	L+	106,138	78,091	61,909	16,182
IOWA	GLM+	79,586	54,813	38,227	16,586
IOWA STATE	+	98,610	59,467	49,216	10,251
JOHNS HOPKINS	BM+	141,626	64,664	60,584	4,080
KANSAS	BbLM+	79,469	61,136	56,824	4,312
KENT STATE	b+	76,459	57,817	54,637	3,180
KENTUCKY	LM+	87,287	49,069	46,152	2,917
LAVAL	LM+	62,220	50,783	44,726	6,057
LOUISIANA STATE	LM+	121,896	107,366	107,096	270
LOUISVILLE	BbM+	79,362	54,360	48,103	6,257
MCGILL	BbLM+	88,341	65,107	60,672	4,435
MCMASTER	bM+	75,067	44,144	41,636	2,508
MANITOBA	LM+	65,954	43,080	39,865	3,215
MARYLAND	G	68,514	27,598	22,341	5,257
MASSACHUSETTS	+	67,260	38,468	37,551	917
MIT	+	53,155	39,231	36,526	2,705
MIAMI	bLM+	80,858	73,867	70,906	2,961

## COLLECTIONS: CURRENT SERIALS

	Notes	Current Serials Not Purchased 5b	Current Serials Not Purchased Consortial 5b.i	Current Serials Not Purchased Freely Accessible 5b.ii	Current Serials Not Purchased Print 5b.iii	Current Serials Not Purchased GovDocs 5b.iv
FLORIDA	BbLM+	34,507	14,226	14,450	2,959	2,872
FLORIDA STATE	BbGLM+	23,404	16,405	4,798	992	1,209
GEORGE WASHINGTON	BLM+	10,023	0	9,240	5	778
GEORGETOWN	bLM+	7,609	0	6,169	490	0
GEORGIA	L+	32,898	17,993	6,600	682	7,623
GEORGIA TECH		31,715	0	6,634	1,149	23,932
GUELPH	B+	6,230	.	6,230	.	.
HARVARD	bLM+	8,790	0	8,790	0	0
HAWAII	LM+	30,937	0	23,016	6,636	1,285
HOUSTON	bGL+	28,148	9,604	5,609	3,671	9,264
HOWARD	bLM+	9,086	221	5,556	7	3,302
ILLINOIS, CHICAGO	GM+	11,467	2,422	9,045	0	.
ILLINOIS, URBANA	bL+	12,946	0	11,205	344	1,397
INDIANA	L+	28,047	0	23,607	4,440	0
IOWA	GLM+	24,773	0	21,214	3,559	0
IOWA STATE	+	39,143	0	29,642	2,704	6,797
JOHNS HOPKINS	BM+	76,962	0	35,641	124	41,197
KANSAS	BbLM+	18,333	840	6,755	2,538	8,200
KENT STATE	b+	18,642	.	3,072	353	15,217
KENTUCKY	LM+	38,218	1,415	11,266	793	24,744
LAVAL	LM+	11,437	0	6,213	2,375	2,849
LOUISIANA STATE	LM+	14,530	0	12,630	650	1,250
LOUISVILLE	BbM+	25,002	.	25,002	.	.
MCGILL	BbLM+	23,234	.	20,830	2,404	.
MCMASTER	bM+	30,923	0	30,167	43	713
MANITOBA	LM+	22,874	.	20,384	2,490	.
MARYLAND	G	40,916	8,329	21,828	749	10,010
MASSACHUSETTS	+	28,792	7,932	12,525	143	8,192
MIT	+	13,924	0	8,187	644	5,093
MIAMI	bLM+	6,991	0	6,720	258	13

## COLLECTIONS: CURRENT SERIALS

	Notes	Current Serials Total 5	Current Serials Purchased 5a	Current Serials Purchased Electronic 5a.i	Current Serials Purchased Print 5a.ii
MICHIGAN	LM+	83,062	.	.	.
MICHIGAN STATE	L+	125,740	79,026	68,984	10,042
MINNESOTA	bLM+	109,681	76,211	51,868	24,343
MISSOURI	bLM+	55,814	27,784	23,406	4,378
MONTREAL	LM+	111,098	95,013	89,319	5,694
NEBRASKA	bL+	42,011	33,509	24,836	8,673
NEW MEXICO	LM+	85,916	61,919	59,873	2,046
NEW YORK	BbLM+	111,962	86,068	77,869	8,199
NORTH CAROLINA	LM+	87,639	53,088	49,735	3,353
NORTH CAROLINA STATE	+	65,414	32,198	26,958	5,240
NORTHWESTERN	BLM+	94,163	65,681	56,314	9,367
NOTRE DAME	bL+	87,690	68,347	61,862	6,485
OHIO	BbM+	52,206	31,079	29,029	2,050
OHIO STATE	bLM+	90,965	75,963	70,193	5,770
OKLAHOMA	LM+	92,336	73,362	69,197	4,165
OKLAHOMA STATE	BM+	70,030	48,211	45,449	2,762
OREGON	BbL+	74,487	36,585	33,631	2,954
OTTAWA	GLM	63,091	34,468	25,606	8,862
PENNSYLVANIA	GLM+	98,145	70,472	54,122	16,350
PENNSYLVANIA STATE	BbLM+	109,132	70,713	58,802	11,911
PITTSBURGH	BLM+	87,417	76,513	70,736	5,777
PRINCETON	b+	59,942	57,862	48,081	9,781
PURDUE	+	59,268	42,178	38,868	3,310
QUEEN'S	GLM+	89,182	69,790	62,253	7,537
RICE	+	77,632	52,108	48,419	3,689
ROCHESTER	bGM+	40,948	33,611	30,846	2,765
RUTGERS	BL+	73,236	47,968	40,621	7,347
SASKATCHEWAN	LM+	47,055	33,580	31,922	1,658
SOUTH CAROLINA	GLM+	67,016	11,032	7,383	3,649
SOUTHERN CALIFORNIA	BLM+	109,352	86,758	76,399	10,359

## COLLECTIONS: CURRENT SERIALS

	Notes	Current Serials Not Purchased 5b	Current Serials Not Purchased Consortial 5b.i	Current Serials Not Purchased Freely Accessible 5b.ii	Current Serials Not Purchased Print 5b.iii	Current Serials Not Purchased GovDocs 5b.iv
MICHIGAN	LM+	.	.	.	.	.
MICHIGAN STATE	L+	46,714	12,561	20,146	1,720	12,287
MINNESOTA	bLM+	33,470	.	.	.	.
MISSOURI	bLM+	28,030	21,334	4,927	891	878
MONTREAL	LM+	16,085	0	11,749	4,336	0
NEBRASKA	bL+	8,502	.	4,630	1,867	2,005
NEW MEXICO	LM+	23,997	3,199	8,413	435	11,950
NEW YORK	BbLM+	25,894	0	18,332	840	6,722
NORTH CAROLINA	LM+	34,551	3,983	10,767	9,672	10,129
NORTH CAROLINA STATE	+	33,216	15,552	7,845	429	9,390
NORTHWESTERN	BLM+	28,482	1,273	12,851	5,247	9,111
NOTRE DAME	bL+	19,343	3,976	9,611	82	3,650
OHIO	BbM+	21,127	452	7,515	79	13,081
OHIO STATE	bLM+	15,002	2,887	8,366	2,578	1,171
OKLAHOMA	LM+	18,974	6,742	4,673	60	7,499
OKLAHOMA STATE	BM+	21,819	8,178	11,089	.	2,552
OREGON	BbL+	37,902	7,738	26,597	1,416	2,151
OTTAWA	GLM	28,623	.	15,830	.	12,793
PENNSYLVANIA	GLM+	27,673	0	27,673	0	0
PENNSYLVANIA STATE	BbLM+	38,419	0	32,010	1,427	4,982
PITTSBURGH	BLM+	10,904	0	9,086	1,290	528
PRINCETON	b+	2,080	.	1,150	30	900
PURDUE	+	17,090	.	.	.	.
QUEEN'S	GLM+	19,392	.	18,893	499	.
RICE	+	25,524	0	18,850	231	6,443
ROCHESTER	bGM+	7,337	0	6,497	840	.
RUTGERS	BL+	25,268	6,332	9,084	467	9,385
SASKATCHEWAN	LM+	13,475	0	10,221	190	3,064
SOUTH CAROLINA	GLM+	55,984	53,044	2,368	533	39
SOUTHERN CALIFORNIA	BLM+	22,594	188	19,376	3,030	0

## COLLECTIONS: CURRENT SERIALS

	Notes	Current Serials Total 5	Current Serials Purchased 5a	Current Serials Purchased Electronic 5a.i	Current Serials Purchased Print 5a.ii
SOUTHERN ILLINOIS	GLM+	58,246	42,312	38,140	4,172
SUNY-ALBANY	+	67,417	51,804	39,553	12,251
SUNY-BUFFALO	LM+	87,997	62,163	52,983	9,180
SUNY-STONY BROOK	bGM+	87,737	60,532	54,810	5,722
SYRACUSE	L+	49,460	37,182	31,923	5,259
TEMPLE	BbLM+	76,659	52,161	48,970	3,191
TENNESSEE	BbLM+	61,152	41,452	37,765	3,687
TEXAS	L+	100,006	70,271	52,903	17,368
TEXAS A&M	BbM+	108,064	73,661	67,087	6,574
TEXAS TECH	BGLM+	93,043	67,487	63,675	3,812
TORONTO	BGLM+	93,409	84,363	70,989	13,374
TULANE	BLM+	96,217	59,415	49,296	10,119
UTAH	GLM	76,314	41,543	33,135	8,408
VANDERBILT	LM+	67,249	39,605	34,858	4,747
VIRGINIA	LM+	146,007	50,583	45,104	5,479
VIRGINIA TECH		41,877	14,133	12,383	1,750
WASHINGTON	BLM+	63,221	42,132	36,066	6,066
WASHINGTON STATE	Bb+	43,460	.	.	.
WASHINGTON U.-ST. LOUIS	bLM+	85,796	64,955	60,827	4,128
WATERLOO	+	35,583	20,092	16,094	3,998
WAYNE STATE	LM+	61,253	41,821	39,375	2,446
WESTERN ONTARIO	L+	78,964	70,190	64,609	5,581
WISCONSIN	LM+	103,844	64,421	50,564	13,857
YALE	GLM+	139,540	124,001	100,252	23,749
YORK	BL+	82,718	74,688	68,314	6,374
BOSTON PUBLIC	+	2,977	2,977	.	.
CENTER FOR RESEARCH LIBS		.	.	.	.
LIBRARY OF CONGRESS	b+	303,797	214,937	168,892	46,045
NATL AGRICULTURAL LIB		16,768	3,575	1,460	2,115
LIB & ARCHIVES CANADA	+	47,500	1,590	280	1,310

## COLLECTIONS: CURRENT SERIALS

	Notes	Current Serials Not Purchased 5b	Current Serials Not Purchased Consortial 5b.i	Current Serials Not Purchased Freely Accessible 5b.ii	Current Serials Not Purchased Print 5b.iii	Current Serials Not Purchased GovDocs 5b.iv
SOUTHERN ILLINOIS	GLM+	15,934	0	15,554	380	0
SUNY-ALBANY	+	15,613	7,042	5,752	0	2,819
SUNY-BUFFALO	LM+	25,834	0	24,673	294	867
SUNY-STONY BROOK	bGM+	27,205	14,769	12,384	52	0
SYRACUSE	L+	12,278	0	7,043	1,694	3,541
TEMPLE	BbLM+	24,498	0	23,738	381	379
TENNESSEE	BbLM+	19,700	5,344	4,479	12	9,865
TEXAS	L+	29,735	0	23,130	2,383	4,222
TEXAS A&M	BbM+	34,403	13,992	8,953	232	11,226
TEXAS TECH	BGLM+	25,556	0	25,102	388	66
TORONTO	BGLM+	9,046	.	6,420	2,626	.
TULANE	BLM+	36,802	3,075	33,678	49	0
UTAH	GLM	34,771	28,084	5,325	437	925
VANDERBILT	LM+	27,644	10,193	12,033	375	5,043
VIRGINIA	LM+	95,424	8,710	79,263	7,451	0
VIRGINIA TECH		27,744	17,597	7,731	71	2,345
WASHINGTON	BLM+	21,089	.	15,484	2,204	3,401
WASHINGTON STATE	Bb+	.	.	.	.	.
WASHINGTON U.-ST. LOUIS	bLM+	20,841	3,070	12,276	1,516	3,979
WATERLOO	+	15,491	.	15,491	.	.
WAYNE STATE	LM+	19,432	7,861	9,773	459	1,339
WESTERN ONTARIO	L+	8,774	0	5,335	2,178	1,261
WISCONSIN	LM+	39,423	0	27,522	1,403	10,498
YALE	GLM+	15,539	7,208	7,080	1,194	57
YORK	BL+	8,030	.	6,831	331	868
BOSTON PUBLIC	+	.	.	.	.	.
CENTER FOR RESEARCH LIBS		.	.	.	.	.
LIBRARY OF CONGRESS	b+	88,860	26,442	8,000	54,418	.
NATL AGRICULTURAL LIB		13,193	0	3,616	9,577	0
LIB & ARCHIVES CANADA	+	45,910	0	2,074	43,836	.

## COLLECTIONS: CURRENT SERIALS

	Notes	Current Serials Total 5	Current Serials Purchased 5a	Current Serials Purchased Electronic 5a.i	Current Serials Purchased Print 5a.ii
NATL LIB OF MEDICINE	+	22,190	18,120	5,275	12,845
NEW YORK PUBLIC	G	63,576	61,149	26,374	34,775
NEW YORK STATE		40,656	30,067	22,985	7,082
SMITHSONIAN	+	6,307	3,279	523	2,756

+ - See Footnotes

L - Includes Law Library

M - Includes Medical Library

G - Government documents not included in serials counts

B - Includes branch campuses

b - Basis of volume count is bibliographic

. - Unavailable, not applicable or no data supplied



## COLLECTIONS: CURRENT SERIALS

	Notes	Current Serials Not Purchased 5b	Current Serials Not Purchased Consortial 5b.i	Current Serials Not Purchased Freely Accessible 5b.ii	Current Serials Not Purchased Print 5b.iii	Current Serials Not Purchased GovDocs 5b.iv
NATL LIB OF MEDICINE	+	4,070	0	2,304	1,470	296
NEW YORK PUBLIC	G	2,427	.	.	.	.
NEW YORK STATE		10,589	.	.	5,757	4,832
SMITHSONIAN	+	3,028	.	.	2,746	282

+ - See Footnotes

L - Includes Law Library

M - Includes Medical Library

G - Government documents not included in serials counts

B - Includes branch campuses

b - Basis of volume count is bibliographic

. - Unavailable, not applicable or no data supplied

**COLLECTIONS: CURRENT SERIALS  
Summary Data**

		Current Serials Total 5	Current Serials Purchased 5a	Current Serials Purchased Electronic 5a.i	Current Serials Purchased Print 5a.ii
<b>University Libraries</b>	Mean	82,655	57,823	50,345	7,478
	Median	80,292	54,587	48,940	5,254
	High	168,812	149,064	107,096	64,126
	Low	24,263	10,286	7,298	270
	Totals	9,505,297	6,476,172	5,638,653	837,519
	Number of Libraries Reporting	115	112	112	112
<b>Nonuniversity Libraries</b>	Median	31,423	10,848	5,275	7,082
	Totals	503,771	335,694	225,789	106,928
	Number of Libraries Reporting	8	8	7	7
<b>Grand Totals</b>		10,009,068	6,811,866	5,864,442	944,447

**COLLECTIONS: CURRENT SERIALS  
Summary Data**

		Current Serials Not Purchased 5b	Current Serials Not Purchased Consortial 5b.i	Current Serials Not Purchased Freely Accessible 5b.ii	Current Serials Not Purchased Print 5b.iii	Current Serials Not Purchased GovDocs 5b.iv
<b>University Libraries</b>	Mean	24,943	5,071	14,764	1,696	5,339
	Median	24,636	221	10,930	516	2,872
	High	95,424	53,044	79,263	17,401	41,197
	Low	0	0	1,150	0	0
	Totals	2,793,603	451,337	1,594,480	176,409	517,843
	Number of Libraries Reporting	112	89	108	104	97
<b>Nonuniversity Libraries</b>	Median	10,589	0	2,960	7,667	289
	Totals	168,077	26,442	15,994	117,804	5,410
	Number of Libraries Reporting	7	4	4	6	4
<b>Grand Totals</b>		2,961,680	477,779	1,610,474	294,213	523,253

## COLLECTIONS: OTHER MATERIALS

	Notes	Microform Units 7	Government Documents 8	Computer Files 9	Manuscripts and Archives 10	Cartographic Materials 11	Graphic Materials 12	Audio Materials 13	Film and Video 14
ALABAMA	bLM+	4,119,951	814,194	9,277	24,396	314,789	200,971	24,901	7,980
ALBERTA	LM	3,747,499	0	9,520	23,389	1,549,157	15,013	.	.
ARIZONA	bLM+	6,329,899	0	21,488	11,068	271,224	307,392	45,321	28,312
ARIZONA STATE	BL+	7,669,286	667,282	8,269	26,602	236,519	1,333,964	70,164	39,062
AUBURN	+	2,720,223	232,758	3,612	10,889	154,346	77,151	116,566	5,530
BOSTON	GLM+	4,790,610	0	1,725	52,771	188	88	59,543	10,082
BOSTON COLLEGE	GL+	4,267,562	212,591	8,041	8,716	17,997	127,807	24,486	26,484
BRIGHAM YOUNG	GL+	3,530,764	381,410	.	47,196	262,999	1,615,039	259,970	33,313
BRITISH COLUMBIA	LM+	5,364,073	.	26,383	13,478	619,645	1,111,168	88,213	40,579
BROWN	bM+	1,975,776	0	5,617	13,615	155,011	950,402	82,159	13,047
CALGARY	LM+	3,677,896	0	.	13,240	1,471,259	1,175,043	43,026	16,990
CALIFORNIA, BERKELEY	L+	7,268,663	469,922	25,337	93,101	528,202	9,405,271	100,186	56,771
CALIFORNIA, DAVIS	LM+	4,264,860	73,673	13,186	18,868	265,298	235,652	13,201	6,380
CALIFORNIA, IRVINE	bLM+	2,322,463	149,268	10,979	4,601	11,476	71,658	20,220	16,339
CALIFORNIA, LOS ANGELES	bLM+	6,244,144	80,044	17,171	83,941	549,528	4,143,452	278,955	37,530
CALIFORNIA, RIVERSIDE	+	2,323,679	311,067	12,587	3,936	106,742	36,948	23,432	13,058
CALIFORNIA, SAN DIEGO	bM+	3,060,678	55	19,633	12,632	116,903	329,444	127,852	23,885
CALIFORNIA, SANTA BARBARA	b+	3,772,888	452,111	13,243	17,962	5,746,778	31,823	140,673	12,167
CASE WESTERN RESERVE	bLM+	2,636,307	33,144	8,854	15,194	65,384	73,172	35,082	23,218
CHICAGO	bLM+	3,172,118	0	14,826	43,601	441,043	0	62,855	10,746
CINCINNATI	bLM+	3,356,541	27,605	13,509	26,416	174,507	267,954	69,166	28,230
COLORADO	b+	7,064,939	943,456	12,504	38,517	221,361	985,363	72,224	18,956
COLORADO STATE	+	1,159,000	224,341	2,262	8,667	48,286	790	776	1,496
COLUMBIA	LM+	6,412,185	174,272	38,934	247,409	140,199	879,369	118,312	50,492
CONNECTICUT	BbLM	4,360,747	0	4,545	28,752	233,866	2,420	66,755	13,482
CORNELL	BL+	.	0	8,731	69,747	.	.	106,336	39,466
DARTMOUTH	bM+	2,590,765	0	12,126	25,669	192,487	508,058	38,216	23,961
DELAWARE	+	3,451,194	449,384	380,695	5,816	124,510	788	2,011	22,351
DUKE	LM+	4,422,497	1,267,656	41,223	61,137	271,840	980,015	69,391	87,331
EMORY	BGLM+	6,287,772	230,560	12,646	25,153	17,538	2,959	57,085	44,791

## COLLECTIONS: OTHER MATERIALS

	Notes	Microform Units 7	Government Documents 8	Computer Files 9	Manuscripts and Archives 10	Cartographic Materials 11	Graphic Materials 12	Audio Materials 13	Film and Video 14
FLORIDA	BbLM+	8,097,549	1,250,614	9,536	9,036	867,316	249,336	28,847	47,645
FLORIDA STATE	BbGLM+	9,817,752	928,355	12,160	7,520	173,352	1,280	62,706	20,081
GEORGE WASHINGTON	BLM+	1,472,424	8,379	1,576	3,971	106	3,816	8,056	3,173
GEORGETOWN	bLM+	4,054,635	9,385	7,873	18,965	2,104	379,060	22,643	38,148
GEORGIA	L+	6,670,148	1,073,004	23,722	60,920	663,014	1,678,157	142,988	178,781
GEORGIA TECH		4,667,701	0	15,957	7,211	198,742	116,797	1,802	8,446
GUELPH	B+	2,369,605	0	.	14,256	75,329	6,847	12,579	.
HARVARD	bLM+	.	.	.	.	.	.	.	.
HAWAII	LM+	3,523,105	0	5,570	14,353	94,067	3,142	36,627	37,664
HOUSTON	bGL+	5,995,274	680,971	2,730	6,087	5,709	526	19,680	9,448
HOWARD	bLM+	4,264,940	2,364	360	215,684	40	155,219	48,316	8,082
ILLINOIS, CHICAGO	GM+	4,216,990	785,000	773	35,505	204,768	2,139,598	6,233	9,720
ILLINOIS, URBANA	bL+	10,739,522	0	15,449	62,274	721,275	91,952	185,405	36,191
INDIANA	L+	4,995,917	327,381	72,488	39,129	528,923	3,097,319	309,580	154,974
IOWA	GLM+	188,464	.	1,310	17,868	359,854	11	33,845	39,100
IOWA STATE	+	3,527,542	0	12,168	18,409	99,209	936,687	18,051	33,769
JOHNS HOPKINS	BM+	4,400,074	0	6,409	65,689	211,684	69,271	33,198	12,763
KANSAS	BbLM+	3,688,609	743,819	14,439	56,972	337,811	3,409,688	40,658	29,613
KENT STATE	b+	.	0	5,072	12,000	273,007	27,117	17,949	15,141
KENTUCKY	LM+	6,555,102	1,034,681	8,925	29,252	263,426	2,148,792	54,618	44,755
LAVAL	LM+	1,339,189	0	10,557	0	304,542	215,121	36,652	31,990
LOUISIANA STATE	LM+	2,277,498	586,270	9,257	24,073	550,032	38	24,743	4,056
LOUISVILLE	BbM+	2,230,691	0	.	21,069	22,703	1,514,744	38,471	10,815
MCGILL	BbLM+	1,804,209	680,014	9,785	3,434	145,918	312,600	56,768	14,962
MCMASTER	bM+	1,529,415	0	720	13,278	139,898	500	28,853	3,606
MANITOBA	LM+	1,474,782	221,581	.	14,929	106,137	273,150	33,096	11,216
MARYLAND	G	5,827,154	201,767	142	1,520	223,865	425,980	330,339	51,698
MASSACHUSETTS	+	2,589,234	547,815	1,968	16,727	99,739	250,060	23,022	6,006
MIT	+	2,427,065	0	28,561	20,094	127,629	463,559	35,550	8,461
MIAMI	bLM+	4,065,784	0	5,442	18,548	63,111	12,778	71,705	15,846

## COLLECTIONS: OTHER MATERIALS

	Notes	Microform Units 7	Government Documents 8	Computer Files 9	Manuscripts and Archives 10	Cartographic Materials 11	Graphic Materials 12	Audio Materials 13	Film and Video 14
MICHIGAN	LM+	10,586,287	.	.	50,700	382,550	21,126,546	66,044	59,967
MICHIGAN STATE	L+	6,839,654	0	29,317	3,000	234,728	1,818	70,425	7,920
MINNESOTA	bLM+	7,075,693	2,640,951	18,877	85,295	482,079	.	.	.
MISSOURI	bLM+	8,115,082	1,685,351	2,502	12,609	284,117	630	26,656	7,170
MONTREAL	LM+	1,549,666	0	7,860	0	13,128	115,857	64,785	14,605
NEBRASKA	bL+	3,783,375	552,672	9,095	11,118	169,985	103,792	38,850	5,965
NEW MEXICO	LM+	4,733,553	667,576	102,190	17,053	234,977	1,161,017	38,940	11,455
NEW YORK	BbLM+	5,641,707	486,931	5,799	39,967	441	2,494,049	119,175	56,117
NORTH CAROLINA	LM+	5,207,978	1,625,932	13,874	41,359	294,070	1,666,231	355,070	75,827
NORTH CAROLINA STATE	+	5,449,608	0	454,753	15,747	52,215	136,774	4,758	27,527
NORTHWESTERN	BLM+	4,623,370	7,808	17,882	18,608	210,717	601,614	69,374	35,894
NOTRE DAME	bL+	4,049,479	0	6,741	36,798	20,983	230,015	29,444	14,042
OHIO	BbM+	1,948,666	.	5,009	7,300	45,614	182,206	39,073	39,218
OHIO STATE	bLM+	6,147,566	16,328	25,027	36,829	241,669	2,663,032	85,483	2,002
OKLAHOMA	LM+	4,489,413	46,706	6,143	18,825	156,376	1,752,326	4,874	8,783
OKLAHOMA STATE	BM+	4,567,900	198,512	16,765	11,392	321,418	85,565	16,072	20,603
OREGON	BbL+	4,164,939	248,790	3,133	74,265	785,088	1,327,026	78,659	31,240
OTTAWA	GLM	1,928,991	966,213	.	17,116	420,377	251,232	21,111	14,787
PENNSYLVANIA	GLM+	4,188,476	.	.	1,700	139,565	1,010,565	95,789	25,444
PENNSYLVANIA STATE	BbLM+	3,553,455	85,677	10,974	45,032	430,694	710,683	85,311	127,834
PITTSBURGH	BLM+	5,479,151	1,159	82,524	32,853	125,170	834,776	121,337	99,943
PRINCETON	b+	6,670,707	2,651	12,077	48,509	358,548	256,634	99,006	12,283
PURDUE	+	3,074,243	483,072	14,669	4,127	344,522	1,216	185	12,458
QUEEN'S	GLM+	4,061,731	1,124,881	.	.	159,772	28,602	.	.
RICE	+	3,359,472	55,896	16,502	8,574	27,167	37,742	55,188	15,584
ROCHESTER	bGM+	5,111,038	83,982	7,322	15,952	105,437	11,507	104,206	24,951
RUTGERS	BL+	6,109,718	2,672,378	16,310	28,800	0	0	871	416
SASKATCHEWAN	LM+	3,086,691	417,796	3,951	268	74,320	18,057	9,658	717
SOUTH CAROLINA	GLM+	5,430,971	957,074	7,224	12,589	327,266	250,733	42,515	62,750
SOUTHERN CALIFORNIA	BLM+	6,472,630	275,597	3,690	49,251	161,720	3,192,549	37,032	37,980

## COLLECTIONS: OTHER MATERIALS

	Notes	Microform Units 7	Government Documents 8	Computer Files 9	Manuscripts and Archives 10	Cartographic Materials 11	Graphic Materials 12	Audio Materials 13	Film and Video 14
SOUTHERN ILLINOIS	GLM+	4,633,365	312,153	11,426	18,610	349,139	2,256	30,288	20,776
SUNY-ALBANY	+	2,922,357	0	2,210	9,893	25,687	73,645	8,786	9,801
SUNY-BUFFALO	LM+	6,187,843	0	16,102	12,783	199,298	105,514	63,233	20,587
SUNY-STONY BROOK	bGM+	3,851,230	350,202	895	8,594	138,818	9,461	45,603	8,814
SYRACUSE	L+	7,538,343	293,267	2,171	31,163	282,074	417,797	417,161	24,494
TEMPLE	BbLM+	3,343,280	25,201	3,660	44,213	121,708	10,040,259	25,592	16,630
TENNESSEE	BbLM+	4,407,365	4,116	11,300	14,377	392,787	13,670	27,718	17,614
TEXAS	L+	6,663,279	0	14,026	129,716	334,131	12,688,820	221,321	85,585
TEXAS A&M	BbM+	5,714,052	65,519	11,245	12,243	237,892	541,938	33,935	42,038
TEXAS TECH	BGLM+	2,784,868	4,222	392,030	36,508	165,909	1,767,001	28,531	40,026
TORONTO	BGLM+	5,511,229	.	954,163	43,581	298,616	813,488	215,248	42,379
TULANE	BLM+	2,324,436	23,340	3,715	43,111	35,839	1,100,638	102,954	18,390
UTAH	GLM	3,643,286	900,680	8,775	38,430	254,451	1,804,587	57,017	36,767
VANDERBILT	LM+	3,128,181	267,848	10,801	26,219	108,798	373,070	40,988	25,917
VIRGINIA	LM+	5,441,288	634,711	12,370	28,384	153,107	449,431	90,351	44,389
VIRGINIA TECH		6,329,965	399,525	10,496	18,896	140,555	166,121	13,035	18,299
WASHINGTON	BLM+	8,006,596	0	24,953	69,723	427,553	1,402,785	84,308	61,878
WASHINGTON STATE	Bb+	4,267,499	0	3,475	19,556	2,558	369,424	17,732	35,929
WASHINGTON U.-ST. LOUIS	bLM+	3,481,666	.	5,946	16,816	117,948	.	48,074	62,471
WATERLOO	+	1,715,194	0	10,209	6,293	147,510	41	453	383
WAYNE STATE	LM+	3,899,273	367,293	5,970	70,500	56,346	2,163,945	50,109	30,604
WESTERN ONTARIO	L+	4,106,024	0	0	14,298	278,598	1,600,000	60,704	2,639
WISCONSIN	LM+	6,435,127	786,307	15,223	156,532	602,668	6,288,592	361,393	35,968
YALE	GLM+	10,207,170	0	1,199	100,590	468,237	2,418,928	255,615	35,360
YORK	BL+	4,244,013	.	5,210	12,732	112,520	1,656,652	39,981	25,907
BOSTON PUBLIC	+	7,073,731	1,868,078	.	.	.	.	42,071	108,273
CENTER FOR RESEARCH LIBS		1,947,824	.	2,807	.	.	.	.	.
LIBRARY OF CONGRESS	b+	16,502,298	.	1,386,888	64,591	5,415,134	14,721,882	3,116,691	1,234,168
NATL AGRICULTURAL LIB		1,100,928	0	1,992	19,912	5,174	1,495	403	4,219
LIB & ARCHIVES CANADA	+	8,198,630	334,029,626	226	123,310	2,968,328	25,748,168	341,200	211,664

## COLLECTIONS: OTHER MATERIALS

	Notes	Microform Units 7	Government Documents 8	Computer Files 9	Manuscripts and Archives 10	Cartographic Materials 11	Graphic Materials 12	Audio Materials 13	Film and Video 14
NATL LIB OF MEDICINE	+	606,051	0	2,560	8,295	0	69,296	.	86,166
NEW YORK PUBLIC	G	6,938,999	.	.	66,041	433,937	4,409,408	584,136	74,367
NEW YORK STATE		8,697,289	.	9,301	29,583	213,290	71,601	0	0
SMITHSONIAN	+	190,452	53,895	2,149	2,125	159	2,090	465	690

+ - See Footnotes

L - Includes Law Library

M - Includes Medical Library

G - Government documents not included in serials counts

B - Includes branch campuses

b - Basis of volume count is bibliographic

. - Unavailable, not applicable or no data supplied



**COLLECTIONS: OTHER MATERIALS**  
**Summary Data**

		Microform Units 7	Government Documents 8	Computer Files 9	Manuscripts and Archives 10	Cartographic Materials 11	Graphic Materials 12	Audio Materials 13	Film and Video 14
<b>University Libraries</b>	Mean	4,513,067	339,760	33,120	32,165	294,069	1,165,524	72,974	29,594
	Median	4,230,502	84,830	10,209	18,825	192,487	256,634	45,321	22,785
	High	10,739,522	2,672,378	954,163	247,409	5,746,778	21,126,546	417,161	178,781
	Low	188,464	0	0	0	0	0	185	383
	Totals	505,463,492	36,014,510	3,477,652	3,634,649	33,229,852	129,373,176	8,100,078	3,255,306
	Number of Libraries Reporting	112	106	105	113	113	111	111	110
<b>Nonuniversity Libraries</b>	Median	6,938,999	53,895	2,560	29,583	213,290	71,601	42,071	80,267
	Totals	51,256,202	335,951,599	1,405,923	313,857	9,036,022	45,023,940	4,084,966	1,719,547
	Number of Libraries Reporting	9	5	7	7	7	7	7	8
<b>Grand Totals</b>		556,719,694	371,966,109	4,883,575	3,948,506	42,265,874	174,397,116	12,185,044	4,974,853

## EXPENDITURES

	Notes	Monographs 16a	Current Serials 16b	Other Library Materials 16c	Miscellaneous Materials 16d	Total Library Materials 16	Contract Binding 17
ALABAMA	BLM+	1,241,977	5,926,273	2,594,652	35,871	9,798,773	31,771
ALBERTA	LM	6,912,851	11,769,597	0	763,948	19,446,396	50,041
ARIZONA	bLM+	2,893,269	8,657,606	716,694	2,118,443	14,386,012	57,048
ARIZONA STATE	BL+	1,375,825	8,532,089	700,155	197,393	10,805,462	116,368
AUBURN	+	236,718	5,354,311	30,117	.	5,621,146	20,550
BOSTON	GLM+	1,318,616	8,073,250	226,761	26,698	9,645,325	136,318
BOSTON COLLEGE	GL+	1,501,991	5,503,074	885,885	1,638,566	9,529,516	62,932
BRIGHAM YOUNG	GL+	2,195,301	11,022,627	26,334	144,238	13,388,500	138,643
BRITISH COLUMBIA	LM+	3,941,790	11,429,331	53,129	718,566	16,142,816	104,391
BROWN	bM+	2,356,517	5,930,620	781,528	633,161	9,701,826	50,614
CALGARY	LM+	2,639,970	7,707,617	745,169	1,028,030	12,120,784	41,318
CALIFORNIA, BERKELEY	L+	6,419,036	10,807,860	569,026	50,724	17,846,646	810,014
CALIFORNIA, DAVIS	LM+	1,248,560	6,206,108	7,481	0	7,462,149	134,132
CALIFORNIA, IRVINE	bLM+	1,909,030	7,209,318	590,323	5,395	9,714,066	29,305
CALIFORNIA, LOS ANGELES	bLM+	4,539,267	7,370,444	.	483,949	12,393,660	373,925
CALIFORNIA, RIVERSIDE	+	412,984	3,965,941	20,540	584,039	4,983,504	39,776
CALIFORNIA, SAN DIEGO	bM+	2,936,167	6,392,001	54,124	166,053	9,548,345	.
CALIFORNIA, SANTA BARBARA	b+	902,004	3,794,768	110,272	.	4,807,044	92,758
CASE WESTERN RESERVE	bLM+	943,224	5,923,352	96,522	113,789	7,076,887	52,442
CHICAGO	bLM+	6,358,223	11,785,341	0	0	18,143,564	273,950
CINCINNATI	bLM+	2,148,342	7,124,921	763,765	222,845	10,259,873	72,289
COLORADO	b+	1,998,624	7,442,358	1,229,378	749,826	11,420,186	66,777
COLORADO STATE	+	1,068,921	5,325,586	433,684	192,819	7,021,010	31,045
COLUMBIA	LM+	7,036,856	15,058,406	2,119,160	2,230,816	26,445,238	535,767
CONNECTICUT	BbLM	1,164,012	7,757,870	511,324	882,041	10,315,248	130,134
CORNELL	BL+	5,685,927	7,409,351	418,950	1,402,905	14,917,133	138,195
DARTMOUTH	bM+	1,945,875	7,368,641	106,958	0	9,421,474	75,467
DELAWARE	+	2,206,410	6,121,688	704,670	136,391	9,169,159	43,877
DUKE	LM+	5,584,870	10,262,769	100,946	1,579,719	17,528,304	127,702
EMORY	BGLM+	3,245,756	7,084,091	5,342,560	824,081	16,496,488	86,928

**EXPENDITURES**

	Notes	Salaries & Wages Professional Staff 18a	Salaries & Wages Support Staff 18b	Salaries & Wages Student Assistants 18c	Total Salaries and Wages 18	Other Operating Expenditures 20	Total Library Expenditures 21
ALABAMA	bLM+	4,244,327	1,947,927	752,856	6,945,110	3,126,948	19,902,602
ALBERTA	LM	7,605,073	10,147,179	929,721	18,681,972	6,912,523	45,090,932
ARIZONA	bLM+	5,433,223	4,802,539	1,163,552	11,399,314	4,877,329	30,719,703
ARIZONA STATE	BL+	3,921,818	5,265,288	601,827	9,788,933	3,863,149	24,573,912
AUBURN	+	3,029,393	1,672,862	435,751	5,138,006	1,358,076	12,137,778
BOSTON	GLM+	5,594,286	3,485,886	621,643	9,701,815	2,310,226	21,793,684
BOSTON COLLEGE	GL+	5,758,591	2,914,233	787,907	9,460,731	1,285,679	20,338,858
BRIGHAM YOUNG	GL+	7,996,456	1,998,156	3,162,039	13,156,651	3,194,441	29,878,235
BRITISH COLUMBIA	LM+	9,978,233	6,898,517	1,285,162	18,161,913	4,512,026	38,921,146
BROWN	bM+	5,004,998	3,904,800	403,359	9,313,157	1,917,153	20,982,750
CALGARY	LM+	6,005,590	7,413,502	493,695	13,912,787	1,037,171	27,112,060
CALIFORNIA, BERKELEY	L+	17,488,347	7,427,641	2,780,313	27,696,301	3,697,102	50,050,063
CALIFORNIA, DAVIS	LM+	4,234,501	4,532,209	414,344	9,181,054	1,146,371	17,923,706
CALIFORNIA, IRVINE	bLM+	4,447,825	4,711,210	593,586	9,752,621	663,697	20,159,689
CALIFORNIA, LOS ANGELES	bLM+	11,496,193	11,283,531	2,580,813	25,360,537	7,878,392	46,006,514
CALIFORNIA, RIVERSIDE	+	3,560,226	2,358,264	326,720	6,245,210	1,050,842	12,319,332
CALIFORNIA, SAN DIEGO	bM+	7,268,865	6,636,262	1,248,582	15,153,709	3,047,726	27,749,780
CALIFORNIA, SANTA BARBARA	b+	2,926,340	3,961,575	840,245	7,728,160	2,223,139	14,851,101
CASE WESTERN RESERVE	bLM+	3,846,213	1,501,959	624,936	5,973,108	1,169,147	14,271,584
CHICAGO	bLM+	5,346,281	6,425,319	1,378,010	13,149,610	3,726,023	35,293,147
CINCINNATI	bLM+	5,646,217	1,962,673	673,870	8,282,760	2,481,606	21,096,528
COLORADO	b+	3,279,210	4,823,511	930,806	9,033,527	1,576,476	22,096,966
COLORADO STATE	+	3,125,882	2,172,823	521,186	5,819,891	1,392,773	14,264,719
COLUMBIA	LM+	20,346,338	7,355,930	2,297,547	29,999,815	4,556,739	61,537,559
CONNECTICUT	BbLM	§ 9,614,941	§ 4,025,890	§ 849,176	§ 14,490,007	2,307,231	27,242,619
CORNELL	BL+	12,788,362	7,952,254	902,338	21,642,954	7,501,460	44,199,742
DARTMOUTH	bM+	4,401,255	3,995,198	422,702	8,819,155	1,424,894	19,740,990
DELAWARE	+	4,511,411	3,308,286	300,203	8,119,900	1,628,996	18,961,932
DUKE	LM+	12,204,695	4,733,522	534,541	17,472,758	5,567,449	40,696,213
EMORY	BGLM+	7,569,205	4,321,755	770,331	12,661,291	4,347,540	33,592,247

## EXPENDITURES

	Notes	Monographs 16a	Current Serials 16b	Other Library Materials 16c	Miscellaneous Materials 16d	Total Library Materials 16	Contract Binding 17
FLORIDA	BbLM+	1,433,214	9,883,966	322,037	365,118	12,004,335	94,037
FLORIDA STATE	BbGLM+	1,065,085	5,111,473	2,449,327	123,202	8,749,087	60,781
GEORGE WASHINGTON	BLM+	2,421,181	7,235,066	115,858	1,737,420	11,509,525	132,930
GEORGETOWN	bLM+	2,461,377	8,116,765	791,821	739,677	12,109,640	149,158
GEORGIA	L+	1,686,393	8,175,631	179,338	448,612	10,489,974	262,442
GEORGIA TECH		217,714	4,308,769	1,224,870	0	5,751,353	0
GUELPH	B+	1,343,871	3,744,397	350,266	773,532	6,212,065	12,274
HARVARD	bLM+	12,505,270	15,287,926	4,548,162	0	32,341,358	586,620
HAWAII	LM+	568,370	6,512,647	38,532	138,953	7,258,502	126,232
HOUSTON	bGL+	1,399,669	6,969,692	1,668,857	509,980	10,548,198	71,862
HOWARD	bLM+	155,199	2,885,795	114,932	0	3,155,926	14,256
ILLINOIS, CHICAGO	GM+	777,629	7,051,135	381,677	0	8,210,441	49,160
ILLINOIS, URBANA	bL+	3,109,610	10,949,304	677,363	545,111	15,281,388	183,796
INDIANA	L+	5,178,933	7,734,716	13,000	563,785	13,490,434	113,306
IOWA	GLM+	3,027,547	11,098,536	432,840	501,129	15,060,052	154,616
IOWA STATE	+	1,837,091	6,521,144	325,251	395,139	9,078,625	77,200
JOHNS HOPKINS	BM+	2,822,043	10,852,309	621,825	271,834	14,568,011	56,260
KANSAS	BbLM+	1,878,688	6,410,593	779,153	468,131	9,536,565	87,650
KENT STATE	b+	871,411	3,388,604	140,612	3,113	4,403,740	71,226
KENTUCKY	LM+	1,585,764	7,251,684	1,536,104	562,687	10,936,239	124,498
LAVAL	LM+	4,719,841	6,117,698	194,842	220,567	11,252,948	45,486
LOUISIANA STATE	LM+	459,493	5,135,762	77,597	9,500	5,682,352	22,288
LOUISVILLE	BbM+	1,189,758	7,924,677	353,009	0	9,467,444	126,907
MCGILL	BbLM+	4,090,240	9,189,693	200,520	343,439	13,823,892	61,439
MCMASTER	bM+	1,150,024	6,201,069	309,977	890,296	8,551,365	3,220
MANITOBA	LM+	1,647,643	6,429,119		328,396	8,405,158	80,573
MARYLAND	G	1,289,142	5,562,848	3,492,639	332,568	10,677,197	106,796
MASSACHUSETTS	+	426,892	5,321,844	76,011	241,749	6,066,496	74,885
MIT	+	1,836,923	6,797,333	303,161	62,830	9,000,247	183,492
MIAMI	bLM+	2,629,850	10,609,714	0	358,818	13,598,382	53,625

## EXPENDITURES

	Notes	Salaries & Wages Professional Staff 18a	Salaries & Wages Support Staff 18b	Salaries & Wages Student Assistants 18c	Total Salaries and Wages 18	Other Operating Expenditures 20	Total Library Expenditures 21
FLORIDA	BbLM+	5,888,886	6,950,382	595,768	13,435,036	1,708,871	27,242,279
FLORIDA STATE	BbGLM+	3,644,439	2,787,841	1,042,848	7,475,128	564,356	16,849,352
GEORGE WASHINGTON	BLM+	6,210,004	4,490,932	627,989	11,328,925	4,185,712	27,157,092
GEORGETOWN	bLM+	6,827,796	4,778,863	885,486	12,492,145	3,011,329	27,762,272
GEORGIA	L+	4,157,414	5,130,002	775,170	10,062,586	1,753,887	22,568,889
GEORGIA TECH		2,965,805	2,291,947	111,514	5,369,266	1,051,070	12,171,689
GUELPH	B+	3,410,082	2,764,577	223,543	6,398,203	1,507,826	14,130,368
HARVARD	bLM+	41,095,798	17,709,872	1,612,798	60,418,468	18,227,674	111,574,120
HAWAII	LM+	5,536,404	2,601,020	781,672	8,919,096	1,151,402	17,455,232
HOUSTON	bGL+	3,358,567	2,505,860	624,837	6,489,264	3,184,687	20,294,011
HOWARD	bLM+	1,949,674	1,927,403	805,148	4,682,225	468,397	8,320,804
ILLINOIS, CHICAGO	GM+	§ 3,463,592	§ 3,350,538	§ 458,067	§ 7,272,197	2,116,866	17,648,664
ILLINOIS, URBANA	bL+	11,716,762	7,750,325	2,758,953	22,226,040	2,886,177	40,577,401
INDIANA	L+	8,719,246	4,805,272	2,271,044	15,795,562	4,498,834	33,898,136
IOWA	GLM+	6,447,265	5,198,351	923,254	12,568,870	1,884,503	29,668,041
IOWA STATE	+	3,140,064	3,690,112	394,261	7,224,437	752,038	17,132,300
JOHNS HOPKINS	BM+	6,813,353	4,453,853	515,521	11,782,727	5,409,229	31,816,227
KANSAS	BbLM+	6,129,953	3,621,523	1,027,123	10,778,599	2,187,517	22,590,331
KENT STATE	b+	3,001,890	1,144,914	350,237	4,497,041	2,363,088	11,335,095
KENTUCKY	LM+	5,188,542	2,653,191	665,051	8,506,784	1,611,461	21,178,982
LAVAL	LM+	4,136,246	6,226,212	14,630	10,377,087	587,384	22,262,905
LOUISIANA STATE	LM+	2,952,232	1,995,520	384,096	5,331,848	613,905	11,650,393
LOUISVILLE	BbM+	3,076,088	2,667,775	501,202	6,245,065	3,713,859	19,553,275
MCGILL	BbLM+	5,545,724	6,428,191	313,768	12,287,682	2,818,565	28,991,577
MCMASTER	bM+	4,258,043	3,204,194	519,028	7,981,265	1,162,376	17,698,226
MANITOBA	LM+	5,631,730	5,528,642	866,202	12,026,574	2,074,064	22,586,370
MARYLAND	G	8,002,200	3,218,208	848,764	12,069,172	2,100,310	24,953,475
MASSACHUSETTS	+	3,639,890	3,005,100	651,575	7,296,565	1,379,535	14,817,481
MIT	+	§ 8,611,527	§ 3,689,140	§ 357,290	§ 12,657,957	2,708,974	24,550,670
MIAMI	bLM+	5,497,021	3,489,545	603,868	9,590,434	3,878,219	27,120,660

## EXPENDITURES

	Notes	Monographs 16a	Current Serials 16b	Other Library Materials 16c	Miscellaneous Materials 16d	Total Library Materials 16	Contract Binding 17
MICHIGAN	LM+	5,294,887	14,734,909	480,304	2,492,828	23,002,928	365,739
MICHIGAN STATE	L+	3,898,222	8,877,251	489,601	142,258	13,407,332	148,844
MINNESOTA	BLM+	3,297,206	12,294,688	1,355,020	62,044	17,008,958	218,240
MISSOURI	BLM+	1,451,748	7,739,495	504,646	55,638	9,751,527	55,296
MONTREAL	LM+	2,025,226	9,651,314	113,807	21,127	11,811,475	103,704
NEBRASKA	bL+	874,822	5,833,802	84,840	3,939	6,797,403	69,995
NEW MEXICO	LM+	871,696	5,339,479	429,069	520,014	7,160,258	54,315
NEW YORK	BbLM+	6,134,150	11,801,889	2,101,200	424,403	20,461,642	607,226
NORTH CAROLINA	LM+	3,121,976	10,213,902	3,569,762	65,306	16,970,946	161,604
NORTH CAROLINA STATE	+	1,417,273	6,752,143	817,821	795,511	9,782,748	152,154
NORTHWESTERN	BLM+	3,662,594	8,864,104	634,014	470,816	13,631,528	195,193
NOTRE DAME	bL+	4,837,420	6,952,138	0	48,271	11,837,829	76,173
OHIO	BbM+	854,096	3,835,985	353,040	240,873	5,283,994	15,396
OHIO STATE	BLM+	2,076,377	8,490,071	542,626	845,772	11,954,846	202,366
OKLAHOMA	LM+	2,750,313	8,971,589	1,730,229	499,889	13,952,020	198,009
OKLAHOMA STATE	BM+	1,192,925	4,577,921	1,253,422	50,616	7,074,884	42,889
OREGON	BbL+	1,288,735	3,910,822	0	943,621	6,143,178	70,399
OTTAWA	GLM	4,108,621	7,068,832	242,889	.	11,420,342	118,103
PENNSYLVANIA	GLM+	3,498,093	10,771,775	704,675	573,003	15,547,546	289,800
PENNSYLVANIA STATE	BbLM+	3,165,357	12,678,349	2,064,621	45,136	17,953,463	324,780
PITTSBURGH	BLM+	2,747,223	9,960,325	2,179,655	718,366	15,605,569	51,725
PRINCETON	b+	9,392,687	10,949,909	2,063,866	750,378	23,156,840	466,688
PURDUE	+	1,081,535	8,620,570	1,357,850	184,207	11,244,162	10,613
QUEEN'S	GLM+	1,251,218	7,204,235	144,794	569,376	9,169,623	64,759
RICE	+	2,716,264	6,600,025	255,755	443,502	10,015,546	42,199
ROCHESTER	bGM+	1,291,401	7,126,849	26,344	69,777	8,514,371	76,563
RUTGERS	BL+	1,279,859	8,145,909	734,342	350,346	10,510,456	76,843
SASKATCHEWAN	LM+	1,642,931	7,656,142	.	128,484	9,427,558	59,650
SOUTH CAROLINA	GLM+	1,407,982	6,989,019	475,756	9,681	8,882,438	69,674
SOUTHERN CALIFORNIA	BLM+	4,794,203	9,722,160	4,311,058	298,206	19,125,627	138,777

**EXPENDITURES**

	Notes	Salaries & Wages Professional Staff 18a	Salaries & Wages Support Staff 18b	Salaries & Wages Student Assistants 18c	Total Salaries and Wages 18	Other Operating Expenditures 20	Total Library Expenditures 21
MICHIGAN	LM+	16,017,883	14,491,133	2,886,974	33,395,990	7,192,817	63,957,474
MICHIGAN STATE	L+	5,383,778	4,978,373	1,225,723	11,587,874	2,447,134	27,591,184
MINNESOTA	BLM+	8,271,828	8,541,653	1,367,541	18,181,022	5,325,910	40,734,130
MISSOURI	BLM+	3,826,845	2,696,350	497,235	7,020,430	1,253,673	18,080,926
MONTREAL	LM+	7,732,904	10,575,535	101,845	18,410,284	824,747	31,150,210
NEBRASKA	bL+	3,619,010	3,051,732	634,607	7,305,349	1,392,513	15,565,260
NEW MEXICO	LM+	5,028,247	4,636,518	619,636	10,284,401	1,889,869	19,388,843
NEW YORK	BbLM+	11,142,488	10,055,656	1,712,910	22,911,054	8,624,603	52,604,525
NORTH CAROLINA	LM+	§ 10,926,630	§ 8,118,834	§ 864,607	§ 19,910,071	4,759,607	41,802,228
NORTH CAROLINA STATE	+	7,992,821	3,742,093	566,713	12,301,627	7,157,615	29,394,144
NORTHWESTERN	BLM+	8,392,073	4,863,452	752,926	14,008,451	2,097,896	29,933,068
NOTRE DAME	bL+	5,381,203	5,170,389	491,987	11,043,579	2,455,312	25,412,893
OHIO	BbM+	2,613,794	2,457,251	649,740	5,720,785	1,188,416	12,208,591
OHIO STATE	BLM+	10,286,053	4,952,142	1,742,374	16,980,569	11,235,664	40,373,445
OKLAHOMA	LM+	3,298,230	2,771,079	1,163,719	7,233,028	1,340,663	22,723,720
OKLAHOMA STATE	BM+	§ 5,119,922	§ 2,650,912	§ 512,422	§ 8,283,256	2,234,923	17,635,952
OREGON	BbL+	4,204,820	2,947,479	1,076,773	8,229,072	1,579,451	16,022,100
OTTAWA	GLM	3,676,674	5,277,826	307,853	9,262,353	2,010,623	22,811,421
PENNSYLVANIA	GLM+	8,902,620	7,880,163	1,773,517	18,556,300	7,732,809	42,126,455
PENNSYLVANIA STATE	BbLM+	11,637,032	13,466,779	569,596	25,673,407	6,499,761	50,451,411
PITTSBURGH	BLM+	6,835,120	4,472,595	811,220	12,118,935	3,551,554	31,327,783
PRINCETON	b+	11,070,207	9,144,996	1,356,290	21,571,493	4,458,784	49,653,805
PURDUE	+	§ 5,648,218	§ 4,357,541	§ 847,900	§ 10,853,659	2,092,802	24,201,236
QUEEN'S	GLM+	3,753,248	3,785,457	341,236	7,879,941	1,118,465	18,232,789
RICE	+	3,423,981	1,479,155	168,320	5,071,456	637,878	15,767,079
ROCHESTER	bGM+	5,531,117	1,722,548	473,832	7,727,497	2,622,913	18,941,344
RUTGERS	BL+	7,672,965	10,855,072	1,119,036	19,647,073	1,703,431	31,937,803
SASKATCHEWAN	LM+	4,441,754	3,340,438	230,425	8,012,617	1,391,752	18,891,576
SOUTH CAROLINA	GLM+	3,832,782	3,067,147	605,953	7,505,882	3,042,410	19,500,404
SOUTHERN CALIFORNIA	BLM+	9,515,234	5,948,521	1,344,809	16,808,564	3,443,977	39,516,945

## EXPENDITURES

	Notes	Monographs 16a	Current Serials 16b	Other Library Materials 16c	Miscellaneous Materials 16d	Total Library Materials 16	Contract Binding 17
SOUTHERN ILLINOIS	GLM+	1,000,632	5,494,272	245,036	351,039	7,090,979	111,229
SUNY-ALBANY	+	706,526	4,201,389	18,505	266,854	5,193,274	39,337
SUNY-BUFFALO	LM+	1,074,840	6,920,542	218,632	0	8,214,014	43,476
SUNY-STONY BROOK	bGM+	189,034	5,893,269	183,020	369,057	6,634,380	22,466
SYRACUSE	L+	1,611,417	6,210,360	580,036	0	8,401,813	42,961
TEMPLE	BbLM+	2,239,671	6,249,158	3,428,338	20,448	11,937,615	76,059
TENNESSEE	BbLM+	2,420,097	8,861,912	498,077	132,855	11,912,941	19,024
TEXAS	L+	2,073,368	10,463,224	4,478,461	377,065	17,392,118	101,209
TEXAS A&M	BbM+	4,650,822	13,005,181	711,271	75,763	18,443,037	68,204
TEXAS TECH	BGLM+	1,909,943	9,001,257	201,606	825,894	11,938,700	99,370
TORONTO	BGLM+	8,152,688	5,673,099	13,143,826	.	26,969,613	297,347
TULANE	BLM+	2,278,899	6,944,106	154,207	3,487	9,380,699	151,041
UTAH	GLM	1,378,226	5,318,219	17,897	13,753	6,728,095	9,556
VANDERBILT	LM+	1,520,641	9,522,503	229,429	39,800	11,312,373	95,789
VIRGINIA	LM+	2,132,216	7,673,326	377,992	169,408	10,352,942	27,954
VIRGINIA TECH		2,245,098	5,256,600	392,921	533,953	8,428,572	48,299
WASHINGTON	BLM+	3,292,816	10,820,375	284,694	444,511	14,842,396	165,824
WASHINGTON STATE	Bb+	674,196	5,007,097	14,107	239,825	5,935,225	34,834
WASHINGTON U.-ST. LOUIS	bLM+	1,914,951	6,917,777	3,037,507	404,163	12,274,398	64,243
WATERLOO	+	1,255,375	5,097,712	355,768	343,707	7,052,563	44,055
WAYNE STATE	LM+	329,159	6,368,917	1,777,794	125,441	8,601,311	72,873
WESTERN ONTARIO	L+	1,939,203	8,718,273	661,219	0	11,318,696	89,589
WISCONSIN	LM+	1,990,454	6,541,217	2,860,287	130,171	11,522,129	169,719
YALE	GLM+	10,314,902	4,871,668	16,154,062	0	31,340,632	403,228
YORK	BL+	2,330,580	7,272,915	168,128	10,108	9,781,731	116,204
BOSTON PUBLIC	+	2,762,879	450,570	1,426,171	284,926	4,924,546	1,774
CENTER FOR RESEARCH LIBS		.	.	.	.	.	.
LIBRARY OF CONGRESS	b+	6,333,574	5,507,655	9,852,321	.	21,693,550	1,474,505
NATL AGRICULTURAL LIB		215,138	3,927,424	745,158	0	4,887,720	0
LIB & ARCHIVES CANADA	+	266,117	481,384	48,077	87,326	882,904	.



## EXPENDITURES

	Notes	Salaries & Wages Professional Staff 18a	Salaries & Wages Support Staff 18b	Salaries & Wages Student Assistants 18c	Total Salaries and Wages 18	Other Operating Expenditures 20	Total Library Expenditures 21
SOUTHERN ILLINOIS	GLM+	2,963,976	2,945,100	853,624	6,762,700	1,080,883	15,045,791
SUNY-ALBANY	+	3,885,388	1,977,119	466,078	6,328,585	36,554	11,597,750
SUNY-BUFFALO	LM+	7,345,399	2,434,423	687,217	10,467,039	1,338,010	20,062,539
SUNY-STONY BROOK	bGM+	\$ 4,901,784	\$ 955,182	\$ 431,094	\$ 6,288,060	695,341	13,640,247
SYRACUSE	L+	4,786,369	3,247,928	378,353	8,412,650	1,514,968	18,372,392
TEMPLE	BbLM+	5,286,728	2,167,256	737,292	8,191,276	2,547,230	22,752,180
TENNESSEE	BbLM+	4,956,126	3,385,343	511,104	8,852,573	1,450,157	22,234,695
TEXAS	L+	9,345,115	11,353,873	1,507,437	22,206,425	5,770,043	45,469,795
TEXAS A&M	BbM+	9,176,007	4,027,854	1,139,697	14,343,558	7,338,194	40,192,993
TEXAS TECH	BGLM+	5,477,734	4,063,706	1,285,837	10,827,277	2,766,843	25,632,190
TORONTO	BGLM+	14,811,055	15,991,950	3,969,019	34,772,023	6,192,506	68,231,488
TULANE	BLM+	\$ 3,182,768	\$ 2,514,661	\$ 434,044	\$ 6,131,473	753,246	16,416,459
UTAH	GLM	4,515,559	5,517,009	1,482,605	11,515,173	5,073,965	23,326,789
VANDERBILT	LM+	6,101,150	3,322,830	560,493	9,984,473	3,479,765	24,872,400
VIRGINIA	LM+	7,178,055	9,188,304	689,768	17,056,127	4,050,925	31,487,948
VIRGINIA TECH		2,438,267	2,986,175	356,788	5,781,230	906,418	15,164,519
WASHINGTON	BLM+	11,960,645	7,232,816	2,224,836	21,418,297	3,895,820	40,322,337
WASHINGTON STATE	Bb+	3,052,415	3,104,013	556,539	6,712,967	1,260,555	13,943,581
WASHINGTON U.-ST. LOUIS	bLM+	6,470,977	3,524,792	501,514	10,497,283	3,921,969	26,757,893
WATERLOO	+	2,843,525	3,553,796	798,390	7,195,711	1,184,523	15,476,852
WAYNE STATE	LM+	5,613,204	2,737,443	908,169	9,258,816	2,873,976	20,806,976
WESTERN ONTARIO	L+	4,674,613	3,993,904	328,134	8,996,650	674,380	21,079,314
WISCONSIN	LM+	14,554,551	5,080,035	2,539,369	22,173,955	5,975,036	39,840,839
YALE	GLM+	20,277,163	14,512,951	1,398,879	36,188,993	7,401,275	75,334,128
YORK	BL+	6,042,577	5,337,268	883,529	12,263,373	3,538,414	25,699,722
BOSTON PUBLIC	+	11,611,071	11,850,378	294,175	23,755,624	11,271,853	39,953,797
CENTER FOR RESEARCH LIBS		1,957,046	434,849	247,367	.	.	.
LIBRARY OF CONGRESS	b+	412,605,450	.	.	412,605,450	248,525,495	684,299,000
NATL AGRICULTURAL LIB		\$ 13,461,631	\$ 2,614,920	\$ 31,865	\$ 16,108,416	12,539,770	33,535,906
LIB & ARCHIVES CANADA	+	56,656,222	25,340,299	648,625	82,645,147	24,815,945	108,343,996

## EXPENDITURES

	Notes	Monographs 16a	Current Serials 16b	Other Library Materials 16c	Miscellaneous Materials 16d	Total Library Materials 16	Contract Binding 17
NATL LIB OF MEDICINE	+	1,139,509	9,940,297	18,836	123,649	11,222,291	175,114
NEW YORK PUBLIC	G	5,956,594	2,536,841	2,300,843	.	10,794,278	212,592
NEW YORK STATE		856,900	2,583,416	.	.	3,440,316	9,886
SMITHSONIAN	+	323,583	1,221,187	0	51,226	1,595,996	17,134

+ - See Footnotes

L - Includes Law Library

M - Includes Medical Library

G - Government documents not included in serials counts

B - Includes branch campuses

b - Basis of volume count is bibliographic

. - Unavailable, not applicable or no data supplied

## EXPENDITURES

	Notes	Salaries & Wages Professional Staff 18a	Salaries & Wages Support Staff 18b	Salaries & Wages Student Assistants 18c	Total Salaries and Wages 18	Other Operating Expenditures 20	Total Library Expenditures 21
NATL LIB OF MEDICINE	+	\$ 24,872,868	\$ 4,768,254	\$ 519,771	\$ 30,160,893	17,451,309	59,009,607
NEW YORK PUBLIC	G	16,165,722	8,236,323	1,354,241	25,756,286	7,685,755	44,448,911
NEW YORK STATE		.	.	.	7,302,150	459,786	11,212,138
SMITHSONIAN	+	5,322,338	2,136,757	0	7,459,095	509,943	9,582,168

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

G - Government documents not included in serials counts  
B - Includes branch campuses  
b - Basis of volume count is bibliographic

. - Unavailable, not applicable or no data supplied  
§ - Figure includes fringe benefits

## EXPENDITURES Summary Data

		Monographs 16a	Current Serials 16b	Other Library Materials 16c	Miscellaneous Materials 16d	Total Library Materials 16	Contract Binding 17
<b>University Libraries</b>	Mean	2,549,631	7,684,670	1,079,228	401,501	11,672,911	123,273
	Median	1,939,203	7,204,235	430,955	266,854	10,510,456	76,703
	High	12,505,270	15,287,926	16,154,062	2,492,828	32,341,358	810,014
	Low	155,199	2,885,795	0	0	3,155,926	0
	Totals	293,207,572	883,737,086	120,873,516	44,566,581	1,342,384,755	14,053,096
	Number of Libraries Reporting	115	115	112	111	115	114
<b>Nonuniversity Libraries</b>	Median	998,205	2,560,129	745,158	87,326	4,906,133	17,134
	Totals	17,854,294	26,648,774	14,391,406	547,127	59,441,601	1,891,005
	Number of Libraries Reporting	8	8	7	5	8	7
<b>Grand Totals</b>		311,061,866	910,385,860	135,264,922	45,113,707	1,401,826,356	15,944,101

**EXPENDITURES  
Summary Data**

		Salaries & Wages Professional Staff 18a	Salaries & Wages Support Staff 18b	Salaries & Wages Student Assistants 18c	Total Salaries and Wages 18	Other Operating Expenditures 20	Total Library Expenditures 21
<b>University Libraries</b>	Mean	6,754,010	4,962,214	909,443	12,625,667	3,064,117	27,484,895
	Median	5,497,021	3,995,198	687,217	10,284,401	2,307,231	22,752,180
	High	41,095,798	17,709,872	3,969,019	60,418,468	18,227,674	111,574,120
	Low	1,949,674	955,182	14,630	4,497,041	36,554	8,320,804
	Totals	776,711,162	570,654,555	104,585,996	1,451,951,713	352,373,407	3,160,762,972
	Number of Libraries Reporting	115	115	115	115	115	115
<b>Nonuniversity Libraries</b>	Median	14,813,677	4,768,254	294,175	24,755,955	11,905,812	42,201,354
	Totals	542,652,348	55,381,780	3,096,044	605,793,061	323,259,856	990,385,523
	Number of Libraries Reporting	8	7	7	8	8	8
<b>Grand Totals</b>		1,319,363,510	626,036,336	107,682,040	2,057,744,774	675,633,264	4,151,148,494

## ELECTRONIC RESOURCES EXPENDITURES

	Notes	One-time Electronic Resource Purchases 22	Ongoing Electronic Resource Purchases 23	Total Electronic Resource Purchases 22 + 23	Total Library Materials Expenditures 16	Electronic Resources as a % of Library Materials Budget
ALABAMA	bLM+	231,078	4,863,304	5,094,382	9,798,773	51.99
ALBERTA	LM	4,598,710	9,237,738	13,836,448	19,446,396	71.15
ARIZONA	bLM+	1,726,062	6,829,373	8,555,435	14,386,012	59.47
ARIZONA STATE	BL+	566,909	7,159,605	7,726,514	10,805,462	71.51
AUBURN	+	0	5,053,519	5,053,519	5,621,146	89.90
BOSTON	GLM+	531,251	5,896,773	6,428,024	9,645,325	66.64
BOSTON COLLEGE	GL+	604,255	5,339,952	5,944,207	9,529,516	62.38
BRIGHAM YOUNG	GL+	334,436	8,983,492	9,317,928	13,388,500	69.60
BRITISH COLUMBIA	LM+	141,315	9,343,961	9,485,276	16,142,816	58.76
BROWN	bM+	719,599	5,107,459	5,827,058	9,701,826	60.06
CALGARY	LM+	780,851	7,015,844	7,796,695	12,120,784	64.33
CALIFORNIA, BERKELEY	L+	712,202	6,936,463	7,648,665	17,846,646	42.86
CALIFORNIA, DAVIS	LM+	0	4,611,119	4,611,119	7,462,149	61.79
CALIFORNIA, IRVINE	bLM+	885,817	5,152,608	6,038,425	9,714,066	62.16
CALIFORNIA, LOS ANGELES	bLM+	181,368	5,068,270	5,249,638	12,393,660	42.36
CALIFORNIA, RIVERSIDE	+	12,267	3,416,368	3,428,635	4,983,504	68.80
CALIFORNIA, SAN DIEGO	bM+	511,334	5,149,964	5,661,298	9,548,345	59.29
CALIFORNIA, SANTA BARBARA	b+	.	3,307,067	3,307,067	4,807,044	68.80
CASE WESTERN RESERVE	bLM+	17,446	3,926,196	3,943,642	7,076,887	55.73
CHICAGO	bLM+	319,405	9,794,142	10,113,547	18,143,564	55.74
CINCINNATI	bLM+	597,758	5,335,722	5,933,480	10,259,873	57.83
COLORADO	b+	745,926	6,383,762	7,129,688	11,420,186	62.43
COLORADO STATE	+	961,559	4,734,614	5,696,173	7,021,010	81.13
COLUMBIA	LM+	2,183,674	10,999,742	13,183,416	26,445,238	49.85
CONNECTICUT	BbLM	825,470	6,669,072	7,494,542	10,315,248	72.66
CORNELL	BL+	261,927	7,994,543	8,256,470	14,917,133	55.35
DARTMOUTH	bM+	404,321	6,127,874	6,532,195	9,421,474	69.33
DELAWARE	+	485,455	5,583,639	6,069,094	9,169,159	66.19
DUKE	LM+	363,099	8,019,230	8,382,329	17,528,304	47.82
EMORY	BGLM+	656,122	6,271,228	6,927,350	16,496,488	41.99

## ELECTRONIC RESOURCES EXPENDITURES

	Notes	Bibl. Utilities, Networks, etc. Library Expenditures 24a	Bibl. Utilities, Networks, etc. External Expenditures 24b	Computer Hardware and Software Expenditures 25	Document Delivery / Interlibrary Loan Expenditures 26
ALABAMA	bLM+	289,640	0	538,289	57,723
ALBERTA	LM	.	.	.	.
ARIZONA	bLM+	435,701	957,021	3,215,737	113,339
ARIZONA STATE	BL+	673,942	0	592,025	294,337
AUBURN	+	182,770	166,500	675,986	90,670
BOSTON	GLM+	177,191	0	333,984	95,894
BOSTON COLLEGE	GL+	143,491	.	150,239	21,783
BRIGHAM YOUNG	GL+	471,683	.	424,865	64,808
BRITISH COLUMBIA	LM+	639,028	718,566	968,437	82,410
BROWN	bM+	0	6,241	131,701	246,739
CALGARY	LM+	369,671	300,035	380,749	116,698
CALIFORNIA, BERKELEY	L+	50,724	1,229,335	61,865	22,100
CALIFORNIA, DAVIS	LM+	78,738	1,072,091	326,286	147,297
CALIFORNIA, IRVINE	bLM+	173,861	931,248	116,838	.
CALIFORNIA, LOS ANGELES	bLM+	483,949	1,322,659	1,001,759	395,981
CALIFORNIA, RIVERSIDE	+	181,606	0	81,353	36,288
CALIFORNIA, SAN DIEGO	bM+	0	254,003	1,213,163	59,397
CALIFORNIA, SANTA BARBARA	b+	242,000	783,989	150,000	175,215
CASE WESTERN RESERVE	bLM+	76,995	146,094	267,868	43,890
CHICAGO	bLM+	507,441	250,000	521,656	177,137
CINCINNATI	bLM+	206,316	535,543	998,488	6,655
COLORADO	b+	0	52,827	202,165	143,798
COLORADO STATE	+	137,508	194,705	359,868	309,973
COLUMBIA	LM+	424,826	0	952,948	13,146
CONNECTICUT	BbLM	94,111	1,961,500	820,984	247,282
CORNELL	BL+	247,364	0	1,106,998	192,373
DARTMOUTH	bM+	.	.	181,399	130,337
DELAWARE	+	127,198	0	232,395	69,971
DUKE	LM+	334,061	1,916	714,863	110,190
EMORY	BGLM+	310,060	241,415	477,824	70,415

## ELECTRONIC RESOURCES EXPENDITURES

	Notes	One-time Electronic Resource Purchases 22	Ongoing Electronic Resource Purchases 23	Total Electronic Resource Purchases 22 + 23	Total Library Materials Expenditures 16	Electronic Resources as a % of Library Materials Budget
FLORIDA	BbLM+	713,952	7,980,173	8,694,125	12,004,335	72.42
FLORIDA STATE	BbGLM+	158,222	6,484,259	6,642,481	8,749,087	75.92
GEORGE WASHINGTON	BLM+	290,388	5,715,757	6,006,145	11,509,525	52.18
GEORGETOWN	bLM+	471,962	5,104,820	5,576,782	12,109,640	46.05
GEORGIA	L+	154,856	6,075,336	6,230,192	10,489,974	59.39
GEORGIA TECH		55,371	4,765,354	4,820,725	5,751,353	83.82
GUELPH	B+	577,004	3,587,826	4,164,829	6,212,065	67.04
HARVARD	bLM+	739,331	8,595,979	9,335,310	32,341,358	28.86
HAWAII	LM+	4,730	4,799,447	4,804,177	7,258,502	66.19
HOUSTON	bGL+	1,487,815	5,443,963	6,931,778	10,548,198	65.72
HOWARD	bLM+	28,375	2,173,956	2,202,331	3,155,926	69.78
ILLINOIS, CHICAGO	GM+	157,600	7,599,872	7,757,472	8,210,441	94.48
ILLINOIS, URBANA	bL+	441,575	7,467,224	7,908,799	15,281,388	51.75
INDIANA	L+	1,248,693	6,375,082	7,623,775	13,490,434	56.51
IOWA	GLM+	519,060	7,719,958	8,239,018	15,060,052	54.71
IOWA STATE	+	258,147	7,420,330	7,678,477	9,078,625	84.58
JOHNS HOPKINS	BM+	1,039,590	10,533,439	11,573,029	14,568,011	79.44
KANSAS	BbLM+	657,884	6,077,219	6,735,103	9,536,565	70.62
KENT STATE	b+	63,555	2,933,619	2,997,174	4,403,740	68.06
KENTUCKY	LM+	432,643	6,434,851	6,867,494	10,936,239	62.80
LAVAL	LM+	317,943	6,724,104	7,042,047	11,252,948	62.58
LOUISIANA STATE	LM+	93,171	4,049,014	4,142,185	5,682,352	72.90
LOUISVILLE	BbM+	106,124	4,588,886	4,695,010	9,467,444	49.59
MCGILL	BbLM+	1,099,724	8,161,650	9,261,375	13,823,892	67.00
MCMASTER	bM+	124,310	5,714,958	5,839,269	8,551,365	68.28
MANITOBA	LM+	346,807	4,451,950	4,798,756	8,405,158	57.09
MARYLAND	G	2,266,614	5,574,415	7,841,029	10,677,197	73.44
MASSACHUSETTS	+	43,323	4,517,477	4,560,800	6,066,496	75.18
MIT	+	1,051,754	6,013,728	7,065,482	9,000,247	78.50
MIAMI	bLM+	935,473	8,471,942	9,407,415	13,598,382	69.18



## ELECTRONIC RESOURCES EXPENDITURES

	Notes	Bibl. Utilities, Networks, etc. Library Expenditures 24a	Bibl. Utilities, Networks, etc. External Expenditures 24b	Computer Hardware and Software Expenditures 25	Document Delivery / Interlibrary Loan Expenditures 26
FLORIDA	BbLM+	200,188	587,848	415,140	145,828
FLORIDA STATE	BbGLM+	202,104	251,639	486,980	70,563
GEORGE WASHINGTON	BLM+	155,610	0	459,954	116,663
GEORGETOWN	bLM+	357,438	8,000	582,455	47,679
GEORGIA	L+	11,395	0	56,412	120
GEORGIA TECH		29,400	0	179,224	334,179
GUELPH	B+	204,996	0	335,349	59,312
HARVARD	bLM+	1,034,961	453,626	1,689,698	28,961
HAWAII	LM+	129,446	0	146,308	159,633
HOUSTON	bGL+	563,425	0	730,137	22,484
HOWARD	bLM+	182,245	4,500	34,612	15,971
ILLINOIS, CHICAGO	GM+	.	.	33,274	34,692
ILLINOIS, URBANA	bL+	473,393	.	468,725	3,435
INDIANA	L+	95,227	229,540	642,931	211,481
IOWA	GLM+	163,592	0	333,444	234,125
IOWA STATE	+	101,535	0	463,929	158,966
JOHNS HOPKINS	BM+	26,722	0	438,141	136,368
KANSAS	BbLM+	181,300	6,750	472,726	277,644
KENT STATE	b+	121,282	595,125	525,386	25,795
KENTUCKY	LM+	119,880	0	511,529	135,125
LAVAL	LM+	0	0	0	54,404
LOUISIANA STATE	LM+	335,100	108,676	6,704	56,552
LOUISVILLE	BbM+	0	127,289	378,255	65,359
MCGILL	BbLM+	.	.	893,747	54,425
MCMASTER	bM+	23,683	482	202,959	51,867
MANITOBA	LM+	137,363	.	432,657	144,941
MARYLAND	G	360,629	433,555	45,666	333,055
MASSACHUSETTS	+	240,821	75,000	206,094	120,941
MIT	+	108,360	0	509,265	141,505
MIAMI	bLM+	227,484	0	742,380	101,068

## ELECTRONIC RESOURCES EXPENDITURES

	Notes	One-time Electronic Resource Purchases 22	Ongoing Electronic Resource Purchases 23	Total Electronic Resource Purchases 22 + 23	Total Library Materials Expenditures 16	Electronic Resources as a % of Library Materials Budget
MICHIGAN	LM+	594,557	8,855,261	9,449,818	23,002,928	41.08
MICHIGAN STATE	L+	2,434,567	7,044,131	9,478,698	13,407,332	70.70
MINNESOTA	bLM+	1,287,493	8,510,473	9,797,966	17,008,958	57.60
MISSOURI	bLM+	125,267	6,763,165	6,888,432	9,751,527	70.64
MONTREAL	LM+	1,230,402	8,241,189	9,471,591	11,811,475	80.19
NEBRASKA	bL+	111,823	4,483,162	4,594,985	6,797,403	67.60
NEW MEXICO	LM+	190,923	4,799,880	4,990,803	7,160,258	69.70
NEW YORK	BbLM+	2,953,948	9,159,007	12,112,955	20,461,642	59.20
NORTH CAROLINA	LM+	2,077,687	4,968,773	7,046,460	16,970,946	41.52
NORTH CAROLINA STATE	+	945,970	5,552,562	6,498,532	9,782,748	66.43
NORTHWESTERN	BLM+	1,014,974	7,607,012	8,621,986	13,631,528	63.25
NOTRE DAME	bL+	1,188,387	5,348,198	6,536,585	11,837,829	55.22
OHIO	BbM+	361,914	3,154,237	3,516,151	5,283,994	66.54
OHIO STATE	bLM+	422,351	6,769,341	7,191,692	11,954,846	60.16
OKLAHOMA	LM+	1,778,693	3,661,617	5,440,310	13,952,020	38.99
OKLAHOMA STATE	BM+	.	.	.	7,074,884	.
OREGON	BbL+	165,954	2,890,073	3,056,027	6,143,178	49.75
OTTAWA	GLM	.	5,091,365	5,091,365	11,420,342	44.58
PENNSYLVANIA	GLM+	698,866	7,777,909	8,476,775	15,547,546	54.52
PENNSYLVANIA STATE	BbLM+	1,291,656	10,112,995	11,404,651	17,953,463	63.52
PITTSBURGH	BLM+	1,048,766	9,948,964	10,997,730	15,605,569	70.47
PRINCETON	b+	1,752,402	8,734,700	10,487,102	23,156,840	45.29
PURDUE	+	327,295	7,496,091	7,823,386	11,244,162	69.58
QUEEN'S	GLM+	.	5,967,600	5,967,600	9,169,623	65.08
RICE	+	252,721	4,420,067	4,672,788	10,015,546	46.66
ROCHESTER	bGM+	377,641	4,192,185	4,569,826	8,514,371	53.67
RUTGERS	BL+	478,388	6,165,265	6,643,653	10,510,456	63.21
SASKATCHEWAN	LM+	657,010	5,071,887	5,728,897	9,427,558	60.77
SOUTH CAROLINA	GLM+	645,394	5,731,820	6,377,214	8,882,438	71.80
SOUTHERN CALIFORNIA	BLM+	2,231,375	8,559,064	10,790,439	19,125,627	56.42

## ELECTRONIC RESOURCES EXPENDITURES

	Notes	Bibl. Utilities, Networks, etc. Library Expenditures 24a	Bibl. Utilities, Networks, etc. External Expenditures 24b	Computer Hardware and Software Expenditures 25	Document Delivery / Interlibrary Loan Expenditures 26
MICHIGAN	LM+	434,027	3,800	1,690,915	335,262
MICHIGAN STATE	L+	311,077	0	514,701	232,198
MINNESOTA	bLM+	223,503	595,764	1,858,381	266,887
MISSOURI	bLM+	147,407	0	115,425	61,650
MONTREAL	LM+	53,340	0	706,479	226,650
NEBRASKA	bL+	95,380	121,000	292,019	52,507
NEW MEXICO	LM+	754,851	18,263	613,400	66,771
NEW YORK	BbLM+	80,440	.	937,847	279,880
NORTH CAROLINA	LM+	221,327	.	303,506	80,122
NORTH CAROLINA STATE	+	280,516	0	658,598	111,619
NORTHWESTERN	BLM+	144,691	.	712,540	160,692
NOTRE DAME	bL+	125,873	200,137	921,634	152,824
OHIO	BbM+	.	515,568	235,979	20,280
OHIO STATE	bLM+	392,940	1,235,000	333,225	105,377
OKLAHOMA	LM+	346,657	34,987	444,484	214,559
OKLAHOMA STATE	BM+	.	.	318,204	64,636
OREGON	BbL+	232,276	44,381	495,927	131,326
OTTAWA	GLM	.	.	293,851	.
PENNSYLVANIA	GLM+	0	608,552	1,276,001	748,384
PENNSYLVANIA STATE	BbLM+	386,910	20,388	1,978,861	194,207
PITTSBURGH	BLM+	.	347,923	872,536	241,357
PRINCETON	b+	271,452	.	1,079,894	149,086
PURDUE	+	142,443	279,852	391,346	214,823
QUEEN'S	GLM+	.	486,882	279,304	.
RICE	+	173,017	0	205,084	26,979
ROCHESTER	bGM+	140,897	0	1,033,689	49,396
RUTGERS	BL+	241,421	0	265,407	111,578
SASKATCHEWAN	LM+	75,861	.	290,531	43,354
SOUTH CAROLINA	GLM+	348,422	2,500	386,944	41,904
SOUTHERN CALIFORNIA	BLM+	561,324	0	1,089,012	136,792

## ELECTRONIC RESOURCES EXPENDITURES

	Notes	One-time Electronic Resource Purchases 22	Ongoing Electronic Resource Purchases 23	Total Electronic Resource Purchases 22 + 23	Total Library Materials Expenditures 16	Electronic Resources as a % of Library Materials Budget
SOUTHERN ILLINOIS	GLM+	317,783	3,806,497	4,124,280	7,090,979	58.16
SUNY-ALBANY	+	12,777	1,709,339	1,722,116	5,193,274	33.16
SUNY-BUFFALO	LM+	240,122	5,541,062	5,781,184	8,214,014	70.38
SUNY-STONY BROOK	bGM+	29,088	4,203,336	4,232,424	6,634,380	63.80
SYRACUSE	L+	1,088,174	4,269,000	5,357,174	8,401,813	63.76
TEMPLE	BbLM+	1,409,036	6,932,884	8,341,920	11,937,615	69.88
TENNESSEE	BbLM+	963,941	7,191,143	8,155,084	11,912,941	68.46
TEXAS	L+	1,020,098	6,100,012	7,120,110	17,392,118	40.94
TEXAS A&M	BbM+	509,425	10,888,857	11,398,282	18,443,037	61.80
TEXAS TECH	BGLM+	707,274	5,874,408	6,581,682	11,938,700	55.13
TORONTO	BGLM+	3,374,012	13,238,781	16,612,793	26,969,613	61.60
TULANE	BLM+	520,252	5,298,763	5,819,015	9,380,699	62.03
UTAH	GLM	25,050	4,186,481	4,211,531	6,728,095	62.60
VANDERBILT	LM+	523,900	7,916,878	8,440,778	11,312,373	74.62
VIRGINIA	LM+	249,971	5,643,319	5,893,290	10,352,942	56.92
VIRGINIA TECH		167,196	5,552,178	5,719,374	8,428,572	67.86
WASHINGTON	BLM+	478,170	8,103,314	8,581,484	14,842,396	57.82
WASHINGTON STATE	Bb+	147,641	4,495,047	4,642,688	5,935,225	78.22
WASHINGTON U.-ST. LOUIS	bLM+	556,163	6,607,201	7,163,364	12,274,398	58.36
WATERLOO	+	355,768	3,964,291	4,320,060	7,052,563	61.26
WAYNE STATE	LM+	275,620	7,377,404	7,653,024	8,601,311	88.98
WESTERN ONTARIO	L+	223,472	7,491,305	7,714,777	11,318,696	68.16
WISCONSIN	LM+	749,579	6,331,889	7,081,468	11,522,129	61.46
YALE	GLM+	314,434	7,985,267	8,299,701	31,340,632	26.48
YORK	BL+	1,624,347	4,966,622	6,590,969	9,781,731	67.38
BOSTON PUBLIC	+	30,000	450,571	480,571	4,924,546	9.76
CENTER FOR RESEARCH LIBS		.	.	.	.	.
LIBRARY OF CONGRESS	b+	38,199	4,695,833	4,734,032	21,693,550	21.82
NATL AGRICULTURAL LIB		183,367	3,796,552	3,979,919	4,887,720	81.43
LIB & ARCHIVES CANADA	+	.	.	.	882,904	.

## ELECTRONIC RESOURCES EXPENDITURES

	Notes	Bibl. Utilities, Networks, etc. Library Expenditures 24a	Bibl. Utilities, Networks, etc. External Expenditures 24b	Computer Hardware and Software Expenditures 25	Document Delivery / Interlibrary Loan Expenditures 26
SOUTHERN ILLINOIS	GLM+	238,917	44,224	223,592	125,037
SUNY-ALBANY	+	0	63,558	143,091	108,141
SUNY-BUFFALO	LM+	235,966	0	273,640	.
SUNY-STONY BROOK	bGM+	18,046	349,837	344,580	37,385
SYRACUSE	L+	13,971	0	250,152	8,158
TEMPLE	BbLM+	17,343	0	759,706	121,474
TENNESSEE	BbLM+	31,797	3,154	696,686	142,190
TEXAS	L+	168,720	0	1,234,905	280,064
TEXAS A&M	BbM+	47,708	636,586	1,479,918	422,358
TEXAS TECH	BGLM+	367,063	54,750	931,680	86,754
TORONTO	BGLM+	28,889	.	3,637,118	164,372
TULANE	BLM+	193,314	125,389	193,721	16,413
UTAH	GLM	131,492	1,848,084	1,455,009	66,353
VANDERBILT	LM+	239,694	0	646,044	106,339
VIRGINIA	LM+	262,177	448,797	1,206,053	182,712
VIRGINIA TECH		99,705	0	158,472	249,561
WASHINGTON	BLM+	705,034	0	353,301	139,352
WASHINGTON STATE	Bb+	107,699	73,404	270,378	21,479
WASHINGTON U.-ST. LOUIS	bLM+	223,919	20,867	741,631	46,523
WATERLOO	+	12,917	0	544,846	40,064
WAYNE STATE	LM+	141,533	0	1,635,229	205,194
WESTERN ONTARIO	L+	203,902	0	477,740	32,084
WISCONSIN	LM+	479,311	354,775	1,364,209	923,802
YALE	GLM+	260,000	0	384,739	175,861
YORK	BL+	602,967	.	408,607	14,858
BOSTON PUBLIC	+	284,819	.	101,490	4,000
CENTER FOR RESEARCH LIBS		.	.	.	.
LIBRARY OF CONGRESS	b+	559,712	.	17,500,000	2,410
NATL AGRICULTURAL LIB		46,297	0	902,566	494,530
LIB & ARCHIVES CANADA	+	0	72,777	17,888,766	9,650

## ELECTRONIC RESOURCES EXPENDITURES

	Notes	One-time Electronic Resource Purchases 22	Ongoing Electronic Resource Purchases 23	Total Electronic Resource Purchases 22 + 23	Total Library Materials Expenditures 16	Electronic Resources as a % of Library Materials Budget
NATL LIB OF MEDICINE	+	230	273,513	273,743	11,222,291	2.44
NEW YORK PUBLIC	G	.	2,495,446	2,495,446	10,794,278	23.12
NEW YORK STATE		0	483,200	483,200	3,440,316	14.05
SMITHSONIAN	+	0	273,640	273,640	1,595,996	17.15

+ - See Footnotes

L - Includes Law Library

M - Includes Medical Library

G - Government documents not included in serials counts

B - Includes branch campuses

b - Basis of volume count is bibliographic

. - Unavailable, not applicable or no data supplied

## ELECTRONIC RESOURCES EXPENDITURES

	Notes	Bibl. Utilities, Networks, etc. Library Expenditures 24a	Bibl. Utilities, Networks, etc. External Expenditures 24b	Computer Hardware and Software Expenditures 25	Document Delivery / Interlibrary Loan Expenditures 26
NATL LIB OF MEDICINE	+	.	.	.	.
NEW YORK PUBLIC	G	330,840	.	2,064,477	.
NEW YORK STATE		.	.	.	.
SMITHSONIAN	+	51,226	0	62,794	2,992

+ - See Footnotes

L - Includes Law Library

M - Includes Medical Library

G - Government documents not included in serials counts

B - Includes branch campuses

b - Basis of volume count is bibliographic

. - Unavailable, not applicable or no data supplied

**ELECTRONIC RESOURCES EXPENDITURES  
Summary Data**

		One-time Electronic Resource Purchases 22	Ongoing Electronic Resource Purchases 23	Total Electronic Resource Purchases 22 + 23	Total Library Materials Expenditures 16	Electronic Resources as a % of Library Materials Budget
<b>University Libraries</b>	Mean	709,688	6,268,618	6,959,630	11,672,911	62.24
	Median	511,334	6,044,532	6,689,378	10,510,456	62.70
	High	4,598,710	13,238,781	16,612,793	32,341,358	94.48
	Low	0	1,709,339	1,722,116	3,155,926	26.48
	Sum	78,775,329	714,622,502	793,397,831	1,342,384,755	
	n	111	114	114	115	114
<b>Nonuniversity Libraries</b>	Median	15,115	483,200	483,200	4,906,133	17.15
	Sum	251,796	12,468,755	12,720,551	59,441,601	
	n	6	7	7	8	7
<b>Grand Totals</b>		79,027,125	727,091,257	806,118,382	1,401,826,356	



## ELECTRONIC RESOURCES EXPENDITURES Summary Data

		Bibl. Utilities, Networks, etc. Library Expenditures 24a	Bibl. Utilities, Networks, etc. External Expenditures 24b	Computer Hardware and Software Expenditures 25	Document Delivery / Interlibrary Loan Expenditures 26
<b>University Libraries</b>	Mean	225,147	230,063	614,347	137,424
	Median	181,926	19,326	461,942	111,599
	High	1,034,961	1,961,500	3,637,118	923,802
	Low	0	0	0	120
	Totals	23,865,591	22,546,140	70,035,583	15,116,615
	Number of Libraries Reporting	106	98	114	110
<b>Nonuniversity Libraries</b>	Median	168,023	0	1,483,522	4,000
	Totals	1,272,894	72,777	38,520,093	513,582
	Number of Libraries Reporting	6	3	6	5
<b>Grand Totals</b>		25,138,485	22,618,917	108,555,676	15,630,198

## PERSONNEL AND PUBLIC SERVICES

	Notes	Professional Staff (FTE) 27a	Support Staff (FTE) 27b	Student Assistants (FTE) 27c	Total Staff (FTE) 27	Staffed Service Points 28	Library Service Hours 29
ALABAMA	bLM+	77	79	54	210	20	136
ALBERTA	LM	88	209	27	324	17	103
ARIZONA	bLM+	98	111	80	289	10	142
ARIZONA STATE	BL+	83	144	78	305	17	149
AUBURN	+	47	40	29	116	11	146
BOSTON	GLM+	100	97	79	276	32	123
BOSTON COLLEGE	GL+	75	65	41	181	19	110
BRIGHAM YOUNG	GL+	122	56	217	395	19	105
BRITISH COLUMBIA	LM+	126	181	45	352	31	101
BROWN	bM+	78	84	22	184	8	112
CALGARY	LM+	70	147	23	240	22	124
CALIFORNIA, BERKELEY	L+	238	176	129	543	64	100
CALIFORNIA, DAVIS	LM+	55	116	29	200	11	96
CALIFORNIA, IRVINE	bLM+	60	110	36	206	16	116
CALIFORNIA, LOS ANGELES	bLM+	162	252	120	534	39	96
CALIFORNIA, RIVERSIDE	+	41	62	18	121	10	94
CALIFORNIA, SAN DIEGO	bM+	108	189	62	359	21	103
CALIFORNIA, SANTA BARBARA	b+	46	118	35	199	10	103
CASE WESTERN RESERVE	bLM+	61	44	32	137	18	104
CHICAGO	bLM+	70	173	63	306	28	146
CINCINNATI	bLM+	85	50	52	187	22	104
COLORADO	b+	54	111	52	217	11	128
COLORADO STATE	+	42	52	29	123	6	108
COLUMBIA	LM+	308	206	106	620	42	109
CONNECTICUT	BbLM	88	55	50	193	19	117
CORNELL	BL+	191	185	110	486	40	145
DARTMOUTH	bM+	56	111	28	195	20	122
DELAWARE	+	59	90	31	180	15	100
DUKE	LM+	178	120	49	347	19	149
EMORY	BGLM+	88	124	44	256	26	112

**PERSONNEL AND PUBLIC SERVICES**

	Notes	Library Presentations to Groups 30	Participants in Group Presentations 31	Reference Transactions 32	Initial Circulation Transactions 33	Total Circulation Transactions 34	Total Items Loaned (ILL) 35	Total Items Borrowed (ILL) 36
ALABAMA	bLM+	581	11,917	£ 50,447	185,719	219,797	19,185	12,411
ALBERTA	LM	947	22,461	£ 86,485	436,449	689,745	46,375	15,971
ARIZONA	bLM+	1,403	19,079	38,032	273,971	427,717	51,434	58,580
ARIZONA STATE	BL+	1,104	23,614	74,390	258,740	854,086	48,044	39,846
AUBURN	+	613	11,801	£ 93,028	148,006	187,249	15,440	12,114
BOSTON	GLM+	1,240	18,214	43,026	166,320	236,157	15,754	10,760
BOSTON COLLEGE	GL+	670	15,821	19,372	162,855	289,318	26,459	23,678
BRIGHAM YOUNG	GL+	2,416	48,608	70,257	456,791	604,720	52,494	28,282
BRITISH COLUMBIA	LM+	1,354	34,055	87,730	528,852	2,197,871	27,140	15,907
BROWN	bM+	426	7,092	15,737	174,960	260,343	32,316	39,027
CALGARY	LM+	774	22,693	76,334	257,294	1,278,715	17,157	23,234
CALIFORNIA, BERKELEY	L+	2,537	29,318	55,850	574,684	867,927	32,402	22,569
CALIFORNIA, DAVIS	LM+	1,004	13,824	76,384	285,887	516,426	35,289	21,124
CALIFORNIA, IRVINE	bLM+	496	11,801	41,057	145,238	346,982	23,135	22,846
CALIFORNIA, LOS ANGELES	bLM+	1,513	23,908	120,075	587,047	1,747,133	57,465	36,899
CALIFORNIA, RIVERSIDE	+	587	11,782	19,157	187,437	209,048	17,430	19,560
CALIFORNIA, SAN DIEGO	bM+	1,771	18,238	162,549	659,012	666,248	36,984	29,847
CALIFORNIA, SANTA BARBARA	b+	605	11,822	£ 71,487	245,189	395,549	15,606	32,550
CASE WESTERN RESERVE	bLM+	749	7,863	17,758	98,759	174,193	52,069	31,224
CHICAGO	bLM+	297	6,302	17,470	319,615	595,821	58,916	20,095
CINCINNATI	bLM+	1,173	22,701	£ 99,173	244,665	366,097	55,225	42,832
COLORADO	b+	734	15,299	65,608	317,153	545,606	67,846	42,519
COLORADO STATE	+	472	10,615	£ 84,052	180,629	320,277	84,164	61,604
COLUMBIA	LM+	1,722	26,757	£ 158,558	397,297	868,400	59,753	54,077
CONNECTICUT	BbLM	1,483	22,999	39,742	142,169	160,270	28,565	53,505
CORNELL	BL+	1,612	23,318	£ 71,454	366,778	742,611	52,649	40,580
DARTMOUTH	bM+	205	2,957	21,841	254,528	335,716	47,423	28,663
DELAWARE	+	491	8,739	£ 150,557	0	400,774	17,612	26,201
DUKE	LM+	1,128	14,412	118,630	494,521	716,027	37,190	27,749
EMORY	BGLM+	1,196	17,295	47,135	213,859	556,468	31,686	15,952

## PERSONNEL AND PUBLIC SERVICES

	Notes	Professional Staff (FTE) 27a	Support Staff (FTE) 27b	Student Assistants (FTE) 27c	Total Staff (FTE) 27	Staffed Service Points 28	Library Service Hours 29
FLORIDA	BbLM+	106	199	111	416	17	105
FLORIDA STATE	BbGLM+	65	106	117	288	36	134
GEORGE WASHINGTON	BLM+	81	104	71	256	20	168
GEORGETOWN	bLM+	96	115	47	258	20	107
GEORGIA	L+	74	161	32	267	22	137
GEORGIA TECH		48	67	7	122	8	135
GUELPH	B+	50	66	14	130	11	111
HARVARD	bLM+	524	414	151	1,089	.	168
HAWAII	LM+	94	77	66	237	16	168
HOUSTON	bGL+	61	76	47	184	8	108
HOWARD	bLM+	29	53	97	179	16	113
ILLINOIS, CHICAGO	GM+	70	89	21	180	27	106
ILLINOIS, URBANA	bL+	194	198	116	508	34	144
INDIANA	L+	165	176	141	482	58	168
IOWA	GLM+	97	110	53	260	19	116
IOWA STATE	+	52	86	25	163	8	101
JOHNS HOPKINS	BM+	114	128	37	279	27	120
KANSAS	BbLM+	108	107	72	287	10	142
KENT STATE	b+	99	32	23	154	13	99
KENTUCKY	LM+	83	106	56	245	20	140
LAVAL	LM+	63	150	1	214	9	90
LOUISIANA STATE	LM+	50	70	39	159	13	109
LOUISVILLE	BbM+	50	91	35	176	16	98
MCGILL	BbLM+	72	142	15	229	25	86
MCMASTER	bM+	54	76	29	159	13	120
MANITOBA	LM+	65	130	21	216	32	100
MARYLAND	G	113	84	49	246	8	140
MASSACHUSETTS	+	59	74	58	191	16	142
MIT	+	95	79	16	190	9	104
MIAMI	bLM+	86	115	56	257	23	122

## PERSONNEL AND PUBLIC SERVICES

	Notes	Library Presentations to Groups 30	Participants in Group Presentations 31	Reference Transactions 32	Initial Circulation Transactions 33	Total Circulation Transactions 34	Total Items Loaned (ILL) 35	Total Items Borrowed (ILL) 36
FLORIDA	BbLM+	695	17,716	66,635	434,782	871,032	26,709	17,696
FLORIDA STATE	BbGLM+	926	18,060	116,552	232,465	349,793	20,214	13,139
GEORGE WASHINGTON	BLM+	1,580	26,790	39,022	175,677	287,816	28,999	61,053
GEORGETOWN	bLM+	1,320	16,614	174,374	249,711	420,432	39,125	41,041
GEORGIA	L+	852	17,511	39,461	253,300	407,279	36,395	6,976
GEORGIA TECH		267	7,009	9,562	142,729		15,665	11,348
GUELPH	B+	289	4,981	11,866	138,696	398,190	39,799	35,373
HARVARD	bLM+				768,830	1,467,797	33,443	12,355
HAWAII	LM+	663	10,743	38,670	196,607	368,869	7,707	27,943
HOUSTON	bGL+	569	7,108	21,428	217,583	317,043	26,207	16,758
HOWARD	bLM+	383	5,636	129,774	59,610	74,733	4,958	4,254
ILLINOIS, CHICAGO	GM+	842	11,433	58,197	135,576	360,790	70,424	56,122
ILLINOIS, URBANA	bL+	1,387	22,265	188,746	536,311	1,036,873	88,073	79,921
INDIANA	L+	2,996	37,968	136,355	651,748	751,546	45,285	50,047
IOWA	GLM+	1,250	19,027	157,408	299,443	377,607	53,929	33,195
IOWA STATE	+	551	13,057	22,547	189,882	242,189	33,300	17,114
JOHNS HOPKINS	BM+	804	13,367	51,420	230,630	393,152	40,925	39,352
KANSAS	BbLM+	1,440	20,401	115,829	332,891	428,989	52,084	40,576
KENT STATE	b+	524	9,757	18,112	210,100	335,000	13,471	6,889
KENTUCKY	LM+	793	9,157	44,743	163,651	227,411	28,940	25,344
LAVAL	LM+	404	10,325	149,269	483,103	764,865	19,282	8,538
LOUISIANA STATE	LM+	955	7,651	130,804	120,905	217,425	18,012	15,275
LOUISVILLE	BbM+	545	9,373	59,913	485,440	490,150	24,206	33,901
MCGILL	BbLM+	2,053	27,464	180,966	460,004	781,002	17,808	12,822
MCMASTER	bM+	713	18,857	36,548	174,306	349,309	13,859	15,086
MANITOBA	LM+	1,217	11,462	114,859	191,330	353,083	17,840	24,687
MARYLAND	G	1,256	121,348	133,451	246,731	492,052	24,443	34,394
MASSACHUSETTS	+	359	7,649	30,888	166,100	282,097	25,670	27,798
MIT	+	317	7,463	124,806	178,119	346,669	17,081	21,643
MIAMI	bLM+	1,651	25,490	51,949	138,197	213,659	34,438	13,969

**PERSONNEL AND PUBLIC SERVICES**

	Notes	Professional Staff (FTE) 27a	Support Staff (FTE) 27b	Student Assistants (FTE) 27c	Total Staff (FTE) 27	Staffed Service Points 28	Library Service Hours 29
MICHIGAN	LM+	223	346	150	719	55	168
MICHIGAN STATE	L+	78	118	69	265	18	109
MINNESOTA	bLM+	115	194	77	386	42	107
MISSOURI	bLM+	55	102	35	192	26	114
MONTREAL	LM+	109	238	4	351	68	97
NEBRASKA	bL+	53	98	40	191	15	96
NEW MEXICO	LM+	70	108	50	228	20	139
NEW YORK	BbLM+	169	198	103	470	31	126
NORTH CAROLINA	LM+	153	208	94	455	25	140
NORTH CAROLINA STATE	+	131	98	34	263	13	146
NORTHWESTERN	BLM+	122	137	82	341	30	122
NOTRE DAME	bL+	85	141	34	260	18	126
OHIO	BbM+	47	61	41	149	13	146
OHIO STATE	bLM+	173	140	142	455	26	168
OKLAHOMA	LM+	60	91	75	226	22	117
OKLAHOMA STATE	BM+	68	69	74	211	11	111
OREGON	BbL+	74	83	58	215	20	136
OTTAWA	GLM	47	116	12	175	9	127
PENNSYLVANIA	GLM+	128	169	93	390	38	116
PENNSYLVANIA STATE	BbLM+	171	358	60	589	61	148
PITTSBURGH	BLM+	118	155	57	330	40	118
PRINCETON	b+	140	204	57	401	22	120
PURDUE	+	68	104	54	226	16	115
QUEEN'S	GLM+	42	96	20	158	13	115
RICE	+	56	49	11	116	12	143
ROCHESTER	bGM+	96	60	53	209	21	119
RUTGERS	BL+	92	233	75	400	33	105
SASKATCHEWAN	LM+	50	85	9	144	14	84
SOUTH CAROLINA	GLM+	68	102	99	269	19	111
SOUTHERN CALIFORNIA	BLM+	133	145	90	368	29	160

**PERSONNEL AND PUBLIC SERVICES**

	Notes	Library Presentations to Groups 30	Participants in Group Presentations 31	Reference Transactions 32	Initial Circulation Transactions 33	Total Circulation Transactions 34	Total Items Loaned (ILL) 35	Total Items Borrowed (ILL) 36
MICHIGAN	LM+	1,250	33,057	128,565	566,728	1,195,623	61,891	55,086
MICHIGAN STATE	L+	932	36,743	67,758	273,011	602,208	64,006	30,810
MINNESOTA	bLM+	1,041	19,943	66,184	338,067	669,962	185,759	37,884
MISSOURI	bLM+	878	11,606	35,782	193,964	259,806	58,782	43,369
MONTREAL	LM+	1,172	19,860	71,126	390,257	804,624	22,464	20,156
NEBRASKA	bL+	344	6,596	65,990	164,872	267,349	27,828	29,358
NEW MEXICO	LM+	1,622	21,309	32,530	179,011	249,603	29,505	32,558
NEW YORK	BbLM+	1,231	20,806	84,363	505,656	900,122	22,413	42,020
NORTH CAROLINA	LM+	1,770	36,255	102,130	681,457	961,139	66,218	24,017
NORTH CAROLINA STATE	+	505	10,669	33,213	357,984	490,958	21,772	23,453
NORTHWESTERN	BLM+	890	11,324	68,355	201,531	351,694	38,246	28,243
NOTRE DAME	bL+	515	9,088	24,438	208,885	374,860	28,757	28,770
OHIO	BbM+	540	11,793	33,377	273,914	456,985	53,677	64,467
OHIO STATE	bLM+	2,140	30,696	26,564	495,527	1,507,979	151,835	98,556
OKLAHOMA	LM+	1,182	12,043	48,622	251,086	321,693	64,604	39,657
OKLAHOMA STATE	BM+	1,126	32,843	50,403	309,235	435,851	35,187	23,185
OREGON	BbL+	622	14,109	55,078	195,681	251,772	76,731	57,588
OTTAWA	GLM	.	19,483	66,023	343,640	711,688	17,051	11,445
PENNSYLVANIA	GLM+	1,374	21,292	.	303,916	401,132	79,786	86,893
PENNSYLVANIA STATE	BbLM+	3,148	65,574	178,792	466,519	894,155	66,855	54,691
PITTSBURGH	BLM+	1,193	19,938	111,814	293,194	462,306	69,144	26,869
PRINCETON	b+	459	5,718	17,964	269,747	366,273	49,098	36,794
PURDUE	+	426	14,667	40,800	122,743	331,138	27,720	37,617
QUEEN'S	GLM+	694	21,584	25,796	189,184	450,897	18,644	7,930
RICE	+	229	3,477	.	156,952	265,947	14,748	11,837
ROCHESTER	bGM+	644	10,743	50,495	194,898	229,762	20,579	26,088
RUTGERS	BL+	1,132	23,770	81,985	248,590	512,353	43,153	37,473
SASKATCHEWAN	LM+	392	6,522	17,020	165,627	241,879	15,045	18,735
SOUTH CAROLINA	GLM+	802	14,567	108,770	7,098	319,163	17,680	16,738
SOUTHERN CALIFORNIA	BLM+	1,326	21,596	116,316	308,419	519,134	28,901	20,052

## PERSONNEL AND PUBLIC SERVICES

	Notes	Professional Staff (FTE) 27a	Support Staff (FTE) 27b	Student Assistants (FTE) 27c	Total Staff (FTE) 27	Staffed Service Points 28	Library Service Hours 29
SOUTHERN ILLINOIS	GLM+	50	91	48	189	13	102
SUNY-ALBANY	+	72	49	28	149	11	114
SUNY-BUFFALO	LM+	102	58	44	204	17	168
SUNY-STONY BROOK	bGM+	86	25	29	140	11	109
SYRACUSE	L+	73	92	26	191	16	106
TEMPLE	BbLM+	75	87	45	207	13	145
TENNESSEE	BbLM+	87	116	41	244	18	146
TEXAS	L+	140	275	118	533	30	120
TEXAS A&M	BbM+	152	126	77	355	15	145
TEXAS TECH	BGLM+	105	139	89	333	31	130
TORONTO	BGLM+	172	329	140	641	90	168
TULANE	BLM+	48	84	55	187	19	118
UTAH	GLM	78	157	77	312	15	142
VANDERBILT	LM+	94	99	29	222	12	146
VIRGINIA	LM+	101	204	47	352	29	149
VIRGINIA TECH		39	81	34	154	11	102
WASHINGTON	BLM+	182	174	116	472	41	138
WASHINGTON STATE	Bb+	48	75	31	154	18	154
WASHINGTON U.-ST. LOUIS	bLM+	98	102	50	250	15	120
WATERLOO	+	36	88	30	154	14	106
WAYNE STATE	LM+	110	82	68	260	15	142
WESTERN ONTARIO	L+	73	104	15	192	8	93
WISCONSIN	LM+	228	144	209	581	45	148
YALE	GLM+	238	308	75	621	2	111
YORK	BL+	60	101	55	216	20	141
BOSTON PUBLIC	+	167	262	20	449	15	68
CENTER FOR RESEARCH LIBS		32	15	13	60	2	35
LIBRARY OF CONGRESS	b+	2,882	738	50	3,670	38	65
NATL AGRICULTURAL LIB		125	49	1	175	13	40
LIB & ARCHIVES CANADA	+	713	406	21	1,140	3	35



## PERSONNEL AND PUBLIC SERVICES

	Notes	Library Presentations to Groups 30	Participants in Group Presentations 31	Reference Transactions 32	Initial Circulation Transactions 33	Total Circulation Transactions 34	Total Items Loaned (ILL) 35	Total Items Borrowed (ILL) 36
SOUTHERN ILLINOIS	GLM+	937	8,428	47,651	200,743	332,088	43,901	37,130
SUNY-ALBANY	+	524	5,116	56,434	76,046	128,072	15,401	27,325
SUNY-BUFFALO	LM+	1,001	25,315	32,709	199,385	464,560	32,793	26,530
SUNY-STONY BROOK	bGM+	504	9,323	29,103	110,509	155,953	21,379	12,304
SYRACUSE	L+	615	10,983	32,345	123,660	153,011	15,674	19,486
TEMPLE	BbLM+	1,427	32,651	65,281	249,301	331,280	26,299	27,640
TENNESSEE	BbLM+	918	18,027	85,247	267,321	331,020	33,048	20,598
TEXAS	L+	1,187	22,723	139,465	792,802	1,646,368	62,922	25,536
TEXAS A&M	BbM+	980	29,027	33,000	1,292,068	1,682,821	66,200	62,153
TEXAS TECH	BGLM+	1,853	24,743	31,963	235,240	314,699	42,797	29,230
TORONTO	BGLM+	2,388	41,550	290,955	1,174,389	1,945,452	33,470	10,949
TULANE	BLM+	396	4,867	31,673	116,824	145,243	16,285	11,589
UTAH	GLM	1,560	33,335	202,287	174,861	535,969	33,189	31,455
VANDERBILT	LM+	833	22,014	24,994	199,696	333,620	28,790	23,311
VIRGINIA	LM+	1,202	16,433	106,634	430,642	720,268	34,033	32,554
VIRGINIA TECH		891	14,415	14,244	205,664	312,875	18,466	20,100
WASHINGTON	BLM+	1,088	24,923	86,027	605,011	1,763,126	66,319	71,503
WASHINGTON STATE	Bb+	889	20,490	43,155	161,307	277,993	55,870	40,399
WASHINGTON U.-ST. LOUIS	bLM+	947	9,121	61,078	231,795	456,588	61,359	55,787
WATERLOO	+	199	1,632	13,592	180,389	530,220	41,410	40,579
WAYNE STATE	LM+	441	9,517	41,318	87,110	133,250	53,337	38,508
WESTERN ONTARIO	L+	697	15,050	30,145	358,636	585,819	12,825	12,217
WISCONSIN	LM+	1,777	30,471		559,421	887,625	73,472	90,765
YALE	GLM+	1,743	13,719	69,592	427,503	847,364	59,500	49,684
YORK	BL+	621	26,944	141,099	514,953	1,019,752	14,936	5,786
BOSTON PUBLIC	+	5,730	113,145	1,016,505	3,587,136	3,587,136	18,668	19,538
CENTER FOR RESEARCH LIBS					67,102	67,102	29,693	0
LIBRARY OF CONGRESS	b+	7,352	194,991	528,084	1,168,235		32,853	
NATL AGRICULTURAL LIB		214	65,907	15,451	3,329	4,687	10,558	2,541
LIB & ARCHIVES CANADA	+	10	101	10,631			29,427	1,319

## PERSONNEL AND PUBLIC SERVICES

	Notes	Professional Staff (FTE) 27a	Support Staff (FTE) 27b	Student Assistants (FTE) 27c	Total Staff (FTE) 27	Staffed Service Points 28	Library Service Hours 29
NATL LIB OF MEDICINE	+	216	62	21	299	5	48
NEW YORK PUBLIC	G	239	215	83	537	41	54
NEW YORK STATE		46	75	7	128	5	48
SMITHSONIAN	+	61	50	0	111	32	40

+ - See Footnotes

L - Includes Law Library

M - Includes Medical Library

G - Government documents not included in serials counts

B - Includes branch campuses

b - Basis of volume count is bibliographic

. - Unavailable, not applicable or no data supplied

## PERSONNEL AND PUBLIC SERVICES

	Notes	Library Presentations to Groups 30	Participants in Group Presentations 31	Reference Transactions 32	Initial Circulation Transactions 33	Total Circulation Transactions 34	Total Items Loaned (ILL) 35	Total Items Borrowed (ILL) 36
NATL LIB OF MEDICINE	+	70	1,026	ß 7,076	124,815	124,815	213,330	249
NEW YORK PUBLIC	G	586	8,695	402,020	.	.	7,681	3,194
NEW YORK STATE		76	1,608	68,322	28,345	33,275	21,778	1,677
SMITHSONIAN	+	892	4,186	50,735	31,879	188,238	4,478	6,239

+ - See Footnotes

L - Includes Law Library

M - Includes Medical Library

G - Government documents not included in serials counts

B - Includes branch campuses

b - Basis of volume count is bibliographic

. - Unavailable, not applicable or no data supplied

ß - Figure derived from a sampling method rather than an actual count

**PERSONNEL AND PUBLIC SERVICES  
Summary Data**

		Professional Staff (FTE) 27a	Support Staff (FTE) 27b	Student Assistants (FTE) 27c	Total Staff (FTE) 27	Staffed Service Points 28	Library Service Hours 29
<b>University Libraries</b>	Mean	99	126	59	285	22	124
	Median	83	107	50	240	19	119
	High	524	414	217	1,089	90	168
	Low	29	25	1	116	2	84
	Totals	11,412	14,534	6,821	32,767	2,506	14,216
	Number of Libraries Reporting	115	115	115	115	114	115
<b>Nonuniversity Libraries</b>	Median	167	75	20	299	13	48
	Totals	4,481	1,872	216	6,569	154	433
	Number of Libraries Reporting	9	9	9	9	9	9
<b>Grand Totals</b>		15,893	16,406	7,037	39,336	2,660	14,649

**PERSONNEL AND PUBLIC SERVICES  
Summary Data**

		Library Presentations to Groups 30	Participants in Group Presentations 31	Reference Transactions 32	Initial Circulation Transactions 33	Total Circulation Transactions 34	Total Items Loaned (ILL) 35	Total Items Borrowed (ILL) 36
<b>University Libraries</b>	Mean	1,009	17,802	69,079	301,405	552,870	39,333	31,394
	Median	918	16,524	55,850	245,189	400,953	33,189	27,798
	High	3,148	65,574	333,451	1,292,068	2,197,871	185,759	98,556
	Low	199	1,632	9,562	0	74,733	4,958	4,254
	Totals	114,003	2,029,475	7,667,773	34,661,550	63,027,234	4,523,252	3,610,272
	Number of Libraries Reporting	113	114	111	115	114	115	115
<b>Nonuniversity Libraries</b>	Median	400	6,441	59,529	67,102	95,959	21,778	2,109
	Totals	14,930	389,659	2,098,824	5,010,841	4,005,253	368,466	34,757
	Number of Libraries Reporting	8	8	8	7	6	9	8
<b>Grand Totals</b>		128,933	2,419,134	9,766,597	39,672,391	67,032,487	4,891,718	3,645,029

## ANALYSIS OF SELECTED VARIABLES OF UNIVERSITY LIBRARIES, 2009–2010

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	64.29	34.71	33.88	16.20	115
Support Staff as a percent of Total Staff	70.09	44.78	44.92	14.18	115
Student Assistant Staff as a percent of Total Staff	54.94	20.51	20.86	0.47	115
Ratio of Professional to Support Staff (excluding Student Assistant Staff)	3.44	0.87	0.75	0.39	115
Ratio of Items Loaned to Items Borrowed	5.22	1.39	1.24	0.28	115
Serials Expenditures as a percent of Total Library Materials Expenditures	95.25	69.73	71.83	15.54	115
Monograph Expenditures as a percent of Total Library Materials Expenditures	41.94	19.60	18.76	2.85	115
Total Library Materials Expenditures as a percent of Total Library Expenditures	63.52	44.03	44.81	26.94	115
Contract Binding as a percent of Total Library Expenditures	1.62	0.41	0.36	0.02	113
Salary and Wages Expenditures as a percent of Total Library Expenditures	61.52	45.16	44.63	31.83	115
Other Operating Expenditures as a percent of Total Library Expenditures	27.83	10.40	9.68	0.32	115
Unit costs of Monographs (per volume)	152.74	59.53	55.69	4.81	109
Unit costs of Serials (per title)	633.52	150.78	135.33	39.29	112
Library Expenditures per Faculty	58,692.44	17,483.17	15,680.70	7,377.56	115
Library Expenditures per Full-Time Student	6,581.12	1,289.80	955.10	377.75	115
Library Expenditures per Full-Time Graduate Student	19,230.75	5,206.93	4,754.35	1,958.89	115
Library Expenditures per Full-Time User	5,789.18	1,183.84	882.43	362.61	115
Library Expenditures per User	5,789.18	1,030.04	731.64	265.97	115
Library Expenditures per PhD Awarded	398,376.47	93,143.30	77,897.08	28,466.33	115
Library Staff per PhD Awarded	5.27	0.97	0.83	0.29	115
Professional Library Staff per PhD Awarded	1.63	0.33	0.27	0.10	115

## PHD, FACULTY, AND ENROLLMENT STATISTICS

	Notes	PhDs Awarded 37	PhD Fields 38	Faculty 39	Total FTE Full-time 40	Total Part-time 41	Graduate FTE Full-Time 42	Graduate Part-time 43
ALABAMA	bLM+	161	44	1,003	24,935	3,764	3,197	1,802
ALBERTA	LM	371	191	1,663	34,236	3,352	5,745	1,386
ARIZONA	bLM+	479	92	1,575	32,987	5,780	6,454	2,442
ARIZONA STATE	BL+	390	67	2,492	46,670	39,911	8,731	6,225
AUBURN	+	213	55	1,184	21,343	3,735	1,714	2,160
BOSTON	GLM+	279	60	2,893	25,745	6,215	8,935	4,742
BOSTON COLLEGE	GL+	144	37	664	12,123	2,673	2,642	2,318
BRIGHAM YOUNG	GL+	75	30	1,252	28,048	2,697	2,061	1,324
BRITISH COLUMBIA	LM+	444	88	2,602	37,993	14,924	8,195	1,255
BROWN	bM+	204	45	745	8,169	405	2,167	163
CALGARY	LM+	297	41	1,727	26,297	3,366	4,763	1,076
CALIFORNIA, BERKELEY	L+	877	86	1,503	32,974	1,741	8,177	1,008
CALIFORNIA, DAVIS	LM+	505	68	2,012	30,767	480	7,035	176
CALIFORNIA, IRVINE	bLM+	402	45	1,508	26,819	973	5,110	456
CALIFORNIA, LOS ANGELES	bLM+	760	80	2,035	38,585	1,399	12,829	468
CALIFORNIA, RIVERSIDE	+	195	45	928	18,861	525	2,346	44
CALIFORNIA, SAN DIEGO	bM+	416	69	1,495	27,804	1,237	6,816	410
CALIFORNIA, SANTA BARBARA	b+	299	46	1,013	22,347	503	3,040	14
CASE WESTERN RESERVE	bLM+	211	50	626	8,455	1,283	4,360	1,150
CHICAGO	bLM+	368	69	1,714	12,067	3,027	7,005	2,975
CINCINNATI	bLM+	219	58	1,187	23,808	7,326	5,561	3,689
COLORADO	b+	323	47	1,392	27,408	5,602	2,492	3,299
COLORADO STATE	+	203	40	1,175	22,884	6,018	2,951	3,730
COLUMBIA	LM+	529	105	2,153	26,082	5,872	16,964	4,830
CONNECTICUT	BbLM	266	86	1,747	21,191	3,838	4,855	3,166
CORNELL	BL+	495	86	1,685	20,480	104	6,610	92
DARTMOUTH	bM+	77	16	828	5,846	141	1,701	90
DELAWARE	+	251	42	1,111	18,469	2,669	2,671	963
DUKE	LM+	288	47	1,079	13,870	480	7,320	452
EMORY	BGLM+	255	48	1,920	12,059	871	5,175	775

## PHD, FACULTY, AND ENROLLMENT STATISTICS

	Notes	PhDs Awarded 37	PhD Fields 38	Faculty 39	Total FTE Full-time 40	Total Part-time 41	Graduate FTE Full-Time 42	Graduate Part-time 43
FLORIDA	BbLM+	957	107	2,326	43,960	6,731	13,907	4,419
FLORIDA STATE	BbGLM+	347	69	1,524	34,933	6,098	6,789	3,000
GEORGE WASHINGTON	BLM+	149	52	1,209	16,261	8,800	8,141	8,368
GEORGETOWN	bLM+	95	36	873	13,687	2,750	6,572	2,750
GEORGIA	L+	417	78	1,725	31,008	3,877	4,747	2,389
GEORGIA TECH		416	51	939	17,928	2,363	5,506	1,270
GUELPH	B+	112	.	865	18,632	1,688	1,999	236
HARVARD	bLM+	478	67	1,991	19,967	7,684	12,733	4,661
HAWAII	LM+	193	57	1,498	14,726	5,709	3,365	3,118
HOUSTON	bGL+	235	45	1,229	27,932	10,820	5,605	2,459
HOWARD	bLM+	67	29	1,066	8,712	2,325	2,624	1,008
ILLINOIS, CHICAGO	GM+	292	53	1,160	19,338	4,347	4,450	3,271
ILLINOIS, URBANA	bL+	784	90	2,331	41,462	1,186	10,823	616
INDIANA	L+	441	91	1,917	36,584	4,848	5,523	3,419
IOWA	GLM+	343	65	1,328	24,313	4,674	5,837	2,576
IOWA STATE	+	301	80	1,435	24,738	3,207	3,344	2,080
JOHNS HOPKINS	BM+	472	59	1,487	12,886	7,874	7,098	7,730
KANSAS	BbLM+	524	85	2,520	27,589	4,831	7,292	2,695
KENT STATE	b+	123	50	1,253	30,007	11,358	2,774	2,720
KENTUCKY	LM+	233	61	1,301	23,273	3,022	5,654	1,458
LAVAL	LM+	298	17	1,455	27,580	10,934	6,250	3,979
LOUISIANA STATE	LM+	311	54	1,453	26,151	2,810	4,363	1,332
LOUISVILLE	BbM+	473	36	1,561	22,031	5,654	5,151	2,120
MANITOBA	LM+	118	52	1,705	21,724	5,263	2,550	783
MARYLAND	G	604	72	3,060	37,641	5,152	10,719	3,178
MASSACHUSETTS	+	226	48	1,181	21,515	5,501	2,023	2,094
MCGILL	BbLM+	411	7	3,341	28,664	6,636	6,034	1,941
MCMASTER	bM+	208	41	1,306	24,198	3,505	3,025	671
MIAMI	bLM+	157	43	961	14,212	1,417	4,761	498
MICHIGAN	LM+	767	118	3,947	38,873	2,801	13,531	1,935



## PHD, FACULTY, AND ENROLLMENT STATISTICS

	Notes	PhDs Awarded 37	PhD Fields 38	Faculty 39	Total FTE Full-time 40	Total Part-time 41	Graduate FTE Full-Time 42	Graduate Part-time 43
MICHIGAN STATE	L+	467	111	2,068	42,143	5,934	9,080	2,929
MINNESOTA	bLM+	688	105	1,834	38,094	13,565	9,555	8,868
MISSOURI	bLM+	261	65	1,231	25,861	4,692	3,002	2,756
MIT	+	583	35	976	10,223	161	6,022	130
MONTREAL	LM+	434	89	1,886	41,526	18,968	11,278	4,419
NEBRASKA	bL+	260	38	1,276	21,114	3,398	2,965	2,180
NEW MEXICO	LM+	208	43	1,878	20,094	7,872	2,804	2,251
NEW YORK	BbLM+	375	76	3,805	32,393	10,251	12,112	8,894
NORTH CAROLINA	LM+	498	62	1,628	24,143	4,770	6,871	4,064
NORTH CAROLINA STATE	+	422	61	1,773	26,736	7,083	4,718	3,846
NORTHWESTERN	BLM+	409	50	3,108	16,377	2,697	7,882	2,282
NOTRE DAME	bL+	160	23	947	11,690	126	3,334	110
OHIO	BbM+	166	39	1,126	25,558	6,801	2,969	1,089
OHIO STATE	bLM+	757	106	3,043	53,823	9,394	9,408	4,614
OKLAHOMA	LM+	206	54	2,108	21,909	6,223	3,673	3,561
OKLAHOMA STATE	BM+	182	42	1,176	21,723	11,412	2,059	3,043
OREGON	BbL+	146	50	892	20,069	2,266	3,098	728
OTTAWA	GLM	191	.	3,092	30,826	7,096	4,010	1,282
PENNSYLVANIA	GLM+	456	80	1,411	20,643	3,956	10,306	2,339
PENNSYLVANIA STATE	BbLM+	680	118	5,621	71,204	9,575	6,974	3,362
PITTSBURGH	BLM+	448	93	1,939	30,599	4,795	7,358	2,929
PRINCETON	b+	302	57	846	7,731	.	2,582	.
PURDUE	+	635	58	2,111	36,422	4,630	6,088	2,464
QUEEN'S	GLM+	182	37	842	18,733	3,868	3,536	353
RICE	+	166	31	644	5,451	125	2,189	88
ROCHESTER	bGM+	211	45	2,022	8,336	1,608	3,143	1,354
RUTGERS	BL+	410	64	2,300	46,079	10,789	7,666	6,875
SASKATCHEWAN	LM+	107	57	1,119	15,886	5,803	2,543	352
SOUTH CAROLINA	GLM+	273	61	1,877	24,537	4,513	5,904	2,998
SOUTHERN CALIFORNIA	BLM+	484	78	1,638	30,577	4,247	15,172	3,592

## PHD, FACULTY, AND ENROLLMENT STATISTICS

	Notes	PhDs Awarded 37	PhD Fields 38	Faculty 39	Total FTE Full-time 40	Total Part-time 41	Graduate FTE Full-Time 42	Graduate Part-time 43
SOUTHERN ILLINOIS	GLM+	157	36	958	16,261	4,089	2,642	2,157
SUNY-ALBANY	+	196	38	637	14,693	3,327	2,374	2,532
SUNY-BUFFALO	LM+	367	79	1,209	24,101	4,780	6,135	3,378
SUNY-STONY BROOK	bGM+	260	38	937	19,913	4,779	4,789	3,508
SYRACUSE	L+	149	45	971	17,074	2,564	4,034	1,868
TEMPLE	BbLM+	351	56	1,896	30,788	6,127	6,182	3,278
TENNESSEE	BbLM+	397	80	1,536	26,299	3,629	6,525	2,221
TEXAS	L+	776	82	2,770	46,563	4,432	11,199	1,628
TEXAS A&M	BbM+	601	78	3,476	47,920	5,311	9,307	1,927
TEXAS TECH	BGLM+	196	56	1,735	28,486	4,813	5,812	2,569
TORONTO	BGLM+	734	98	2,699	65,247	8,125	12,512	1,964
TULANE	BLM+	110	18	1,798	13,579	2,708	6,265	887
UTAH	GLM	369	70	1,497	20,534	8,750	5,345	1,790
VANDERBILT	LM+	247	47	2,745	11,691	815	4,953	759
VIRGINIA	LM+	316	46	1,183	20,854	3,501	6,158	2,721
VIRGINIA TECH		403	52	1,364	27,887	2,983	4,419	2,528
WASHINGTON	BLM+	701	82	3,630	42,783	9,106	10,971	3,314
WASHINGTON STATE	Bb+	185	44	1,151	21,748	4,353	3,036	1,339
WASHINGTON U.-ST. LOUIS	bLM+	237	52	1,882	11,422	2,153	5,287	1,242
WATERLOO	+	217	55	987	24,248	2,474	3,476	803
WAYNE STATE	LM+	180	47	1,055	19,071	12,716	5,869	5,153
WESTERN ONTARIO	L+	245	49	1,381	25,769	3,263	4,419	509
WISCONSIN	LM+	705	108	2,022	37,471	4,628	7,147	1,969
YALE	GLM+	372	61	2,421	11,447	146	6,187	131
YORK	BL+	178	30	1,465	43,693	9,512	3,971	2,172

+ - See Footnotes

L - Includes Law Library

M - Includes Medical Library

G - Government documents not included in serials counts

B - Includes branch campuses

b - Basis of volume count is bibliographic

. - Unavailable, not applicable or no data supplied

**PHD, FACULTY, AND ENROLLMENT STATISTICS**  
**Summary Data**

	PhDs Awarded 37	PhD Fields 38	Faculty 39	Total FTE Full-time 40	Total Part-time 41	Graduate FTE Full-Time 42	Graduate Part-time 43
Median	299	55	1,498	24,198	4,350	5,523	2,166
High	957	191	5,621	71,204	39,911	16,964	8,894
Low	67	7	626	5,451	104	1,701	14
Totals	39,964	6,871	194,480	2,929,889	580,478	678,127	267,553
Number of Libraries Reporting	115	113	115	115	114	115	114



**RANK ORDER TABLES OF UNIVERSITY LIBRARIES**  
**2009–2010**

## SUMMARY OF RANK ORDER TABLES FOR UNIVERSITY LIBRARIES, 2009–2010

The table below presents the rank for each university library in each of the 22 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 Reporting
1	VOLUMES IN LIBRARY	115
2	VOLUMES ADDED (GROSS)	115
3	TITLES HELD	102
4	CURRENT SERIALS (TOTAL)	115
5	MICROFORM UNITS	112
6	GOVERNMENT DOCUMENTS	106
7	TOTAL LIBRARY MATERIALS EXPENDITURES	115
8	TOTAL SALARIES & WAGES EXPENDITURES	115
9	OTHER OPERATING EXPENDITURES	115
10	TOTAL LIBRARY EXPENDITURES	115
11	MONOGRAPHS PURCHASED (VOLUMES)	109
12	EXPENDITURES FOR MONOGRAPHS	115
13	CURRENT SERIALS PURCHASED (TITLES)	112
14	EXPENDITURES FOR CURRENT SERIALS	115
15	TOTAL ITEMS LOANED (ILL)	115
16	TOTAL ITEMS BORROWED (ILL)	115
17	PROFESSIONAL STAFF (FTE)	115
18	SUPPORT STAFF (FTE)	115
19	TOTAL STAFF (FTE)	115
20	EXPENDITURES FOR ELECTRONIC RESOURCES	114
21	ELECTRONIC RESOURCES AS A % OF TOTAL LIBRARY MATERIALS	114
22	LIBRARY INVESTMENT INDEX	115

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
ALABAMA	65	28	45	42	60	15	64	96	42	76	19	88	66	87	89	99	64	89	71	87	95	76
ALBERTA	15	25	31	13	70	74	8	18	11	12	40	6	6	9	38	91	50	10	34	2	20	11
ARIZONA	24	48	20	36	22	74	27	49	20	33	35	33	12	35	34	10	41	52	38	24	72	32
ARIZONA STATE	36	79	49	35	8	22	55	61	32	53	67	78	25	37	36	29	58	33	37	38	19	55
AUBURN	68	113	32	97	90	44	109	112	86	111	107	112	105	95	106	103	106	113	114	89	2	110
BOSTON	87	92	50	88	41	74	70	63	57	66	92	80	58	42	102	109	39	71	42	65	44	66
BOSTON COLLEGE	100	74	76	114	52	48	73	65	89	72	68	71	107	93	75	70	65	100	91	72	61	72
BRIGHAM YOUNG	43	36	28	58	75	34	34	34	40	35	17	49	59	12	31	55	25	105	21	19	29	35
BRITISH COLUMBIA	20	32	24	27	37	UA	19	22	23	24	49	21	7	10	73	93	24	21	27	13	76	24
BROWN	44	64	35	74	101	74	69	66	68	70	36	43	70	86	62	32	61	83	89	76	71	70
CALGARY	73	33	65	100	72	74	37	32	102	46	60	38	95	47	98	73	73	31	58	36	51	45
CALIFORNIA, BERKELEY	4	29	UA	6	10	29	13	6	35	8	UA	7	35	17	61	76	3	22	8	42	105	7
CALIFORNIA, DAVIS	46	72	22	75	55	56	92	69	97	87	64	87	76	82	51	78	92	47	76	97	65	88
CALIFORNIA, IRVINE	77	42	53	65	98	52	68	62	109	74	63	61	64	57	81	75	85	55	74	69	62	75
CALIFORNIA, LOS ANGELES	10	23	10	63	24	55	35	8	4	10	52	18	81	52	24	38	16	7	9	86	106	12
CALIFORNIA, RIVERSIDE	81	40	63	38	97	39	112	103	101	108	42	110	55	109	97	84	112	101	113	109	33	108
CALIFORNIA, SAN DIEGO	55	16	UA	64	87	73	71	28	43	40	31	32	75	78	49	50	33	19	25	82	74	43
CALIFORNIA, SANTA BARBARA	84	106	38	79	69	30	113	85	60	101	95	99	92	112	105	46	109	45	77	110	34	104
CASE WESTERN RESERVE	92	87	72	51	91	60	96	106	94	103	99	98	16	88	33	48	83	112	109	107	87	102
CHICAGO	9	2	7	10	83	74	11	35	33	25	12	8	34	8	22	82	73	25	36	11	86	25
CINCINNATI	38	47	44	15	81	61	62	78	53	68	58	50	9	60	26	21	56	109	87	73	79	69
COLORADO	34	21	UA	78	12	12	49	70	77	65	13	55	77	50	10	22	94	52	65	47	60	65
COLORADO STATE	106	95	61	102	111	46	99	107	82	104	84	95	106	97	4	8	110	108	111	81	6	103
COLUMBIA	6	1	5	1	20	51	4	5	22	5	2	5	3	2	20	16	2	12	5	3	97	4
CONNECTICUT	49	34	57	29	51	74	61	29	58	42	83	91	61	44	70	17	50	106	79	44	16	41
CORNELL	13	43	16	20	UA	74	24	13	6	13	UA	10	UA	51	30	25	8	20	12	30	88	13
DARTMOUTH	83	22	59	71	92	74	76	74	81	77	5	57	47	53	37	54	90	52	78	63	31	77
DELAWARE	91	94	79	112	79	31	79	81	74	81	82	48	104	84	96	64	88	77	92	68	47	81
DUKE	21	54	UA	11	48	5	14	23	16	17	27	11	24	21	48	59	10	44	30	27	100	15
EMORY	62	59	70	52	23	45	18	36	26	27	38	27	38	61	63	92	50	43	52	54	107	26
FLORIDA	37	39	UA	18	6	6	39	33	72	43	78	73	22	24	74	87	35	15	18	21	17	44
FLORIDA STATE	90	89	47	56	4	13	83	88	113	93	90	96	54	102	87	97	80	59	39	59	11	93
GEORGE WASHINGTON	108	51	93	39	109	66	47	50	27	44	74	41	14	56	65	9	60	61	52	70	94	46

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
GEORGETOWN	70	68	36	55	64	65	38	39	45	39	46	40	23	41	46	24	44	50	50	83	102	39
GEORGIA	32	52	27	32	15	8	59	59	71	62	39	65	49	39	50	112	67	27	44	67	73	61
GEORGIA TECH	103	111	99	109	43	74	107	110	100	110	104	113	112	107	104	107	103	98	112	91	5	109
GUELPH	115	100	94	98	95	74	103	100	79	105	96	79	68	113	45	40	98	99	110	104	42	106
HARVARD	1	4	1	2	UA	UA	1	1	1	1	18	1	1	1	56	100	1	1	1	18	113	1
HAWAII	63	93	56	72	77	74	93	72	96	91	94	107	78	75	114	57	47	91	59	92	48	89
HOUSTON	94	86	67	68	28	19	57	99	41	73	88	76	72	65	77	89	83	92	89	53	49	74
HOWARD	98	112	100	115	54	71	115	114	114	115	109	115	109	115	115	115	115	107	94	113	27	115
ILLINOIS, CHICAGO	99	18	54	101	57	17	91	91	62	89	7	104	80	63	8	12	73	78	92	37	1	91
ILLINOIS, URBANA	2	6	4	8	1	74	22	10	46	18	8	30	4	14	3	4	7	16	11	33	96	17
INDIANA	11	31	9	22	40	37	32	27	24	26	26	13	17	46	39	18	15	22	13	43	84	27
IOWA	28	11	14	59	112	UA	23	38	70	36	30	31	56	11	27	43	43	55	47	31	91	36
IOWA STATE	97	97	91	25	76	74	80	93	106	92	70	63	50	74	57	88	97	81	97	40	4	92
JOHNS HOPKINS	57	102	34	4	50	74	26	46	17	29	79	34	42	15	44	31	29	41	41	5	8	28
KANSAS	41	77	25	60	71	18	72	54	61	60	45	62	46	77	32	27	33	58	40	57	23	60
KENT STATE	89	78	88	69	UA	74	114	115	56	114	103	102	53	114	112	113	40	114	101	112	38	114
KENTUCKY	54	57	62	48	17	9	54	75	75	67	22	69	71	55	66	67	58	59	56	56	57	67
LAVAL	80	44	97	91	110	74	52	57	112	63	53	16	67	85	88	110	82	30	69	52	59	62
LOUISIANA STATE	48	109	75	9	99	24	108	111	111	112	105	108	5	101	92	94	98	96	98	105	15	113
LOUISVILLE	112	73	UA	61	100	74	74	104	34	78	57	90	57	43	80	42	98	74	95	94	99	78
MANITOBA	109	65	92	86	108	47	88	45	66	61	21	66	82	76	93	68	80	40	66	93	82	63
MARYLAND	53	24	60	81	29	49	56	44	63	51	47	82	103	92	79	41	30	83	55	34	14	50
MASSACHUSETTS	58	83	UA	83	93	26	105	90	85	102	108	109	91	98	78	58	88	95	82	100	12	101
MCGILL	42	62	37	41	104	20	29	41	48	38	11	20	40	28	94	98	71	35	60	20	43	37
MCMASTER	113	45	90	73	107	74	85	83	95	88	71	92	79	83	111	95	94	92	98	75	36	87
MIAMI	74	56	58	57	62	74	31	64	31	45	50	39	26	19	53	96	54	50	51	17	32	42
MICHIGAN	7	7	3	53	2	UA	6	4	9	4	3	12	UA	3	18	14	6	3	2	16	109	5
MICHIGAN STATE	26	60	13	7	13	74	33	47	55	41	65	22	15	31	16	49	61	45	45	14	21	40
MINNESOTA	17	37	15	16	11	2	16	21	18	16	51	25	19	6	1	34	28	18	23	12	81	19
MISSOURI	64	70	42	99	5	3	67	95	91	86	59	72	102	45	23	20	92	64	80	55	22	85
MIT	79	67	UA	103	94	74	81	37	50	54	6	64	90	70	99	77	46	89	85	50	9	53
MONTREAL	88	76	81	14	106	74	45	20	104	32	24	54	8	26	82	80	32	8	29	15	7	31
NEBRASKA	67	81	69	108	68	25	100	89	83	97	93	100	99	90	71	51	96	69	82	98	40	97



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
NEW MEXICO	72	80	51	49	42	21	94	58	69	80	97	101	45	96	64	44	73	57	61	90	28	83
NEW YORK	30	50	33	12	31	27	7	9	3	6	34	9	11	7	83	23	14	16	15	4	75	6
NORTH CAROLINA	18	17	21	46	38	4	17	16	21	15	28	29	60	22	13	69	17	11	16	51	108	14
NORTH CAROLINA STATE	39	63	80	87	34	74	65	40	10	37	75	74	100	71	84	71	22	69	46	64	46	38
NORTHWESTERN	31	26	UA	30	45	67	30	31	64	34	14	23	39	32	47	56	25	39	31	22	55	34
NOTRE DAME	59	55	55	45	65	74	44	51	54	50	UA	14	36	66	69	53	56	36	47	62	89	49
OHIO	85	90	78	104	102	UA	110	109	92	109	76	103	101	111	28	6	106	102	105	108	45	111
OHIO STATE	22	19	17	37	26	64	40	25	2	19	16	52	20	38	2	1	11	37	16	45	70	23
OKLAHOMA	25	41	26	34	47	59	28	92	87	59	69	35	28	30	15	30	85	74	62	84	111	56
OKLAHOMA STATE	69	75	64	80	46	50	97	77	59	90	62	89	73	106	52	74	77	97	70	UA	UA	90
OREGON	82	96	82	76	59	43	104	79	76	95	86	83	94	110	6	11	67	86	68	111	98	96
OTTAWA	114	91	87	90	103	10	48	67	67	57	43	19	96	62	100	106	106	47	96	88	104	58
PENNSYLVANIA	19	12	UA	26	58	UA	21	19	5	14	UA	24	30	18	5	3	23	26	22	25	92	16
PENNSYLVANIA STATE	29	20	23	19	74	53	12	7	12	7	29	28	29	5	11	15	13	2	6	6	54	9
PITTSBURGH	23	5	UA	47	33	72	20	43	36	31	UA	36	18	23	9	62	27	29	33	8	24	29
PRINCETON	14	30	12	94	14	70	5	14	25	9	15	3	52	13	35	39	19	13	19	10	103	8
PURDUE	102	110	71	95	86	28	53	52	65	55	100	93	84	36	72	35	77	61	62	35	30	54
QUEEN'S	101	101	UA	40	63	7	78	84	98	85	72	86	33	58	90	111	110	72	100	71	50	86
RICE	95	85	77	66	80	58	63	113	110	96	56	37	63	72	110	104	90	110	114	95	101	95
ROCHESTER	56	104	40	111	39	54	86	86	51	82	81	81	97	59	86	65	44	103	72	99	93	80
RUTGERS	33	14	73	77	27	1	58	17	73	28	91	84	74	40	41	36	49	9	20	58	56	30
SASKATCHEWAN	105	105	96	106	85	32	75	82	84	83	98	67	98	49	108	86	98	82	107	79	69	82
SOUTH CAROLINA	52	99	30	85	36	11	82	87	44	79	101	75	111	64	95	90	77	64	43	66	18	79
SOUTHERN CALIFORNIA	45	58	41	17	18	41	9	26	39	23	23	15	10	25	67	83	21	32	24	9	85	21
SOUTHERN ILLINOIS	78	88	84	96	44	38	95	97	99	100	54	97	83	94	40	37	98	74	86	106	78	100
SUNY-ALBANY	110	103	95	82	88	74	111	101	115	113	89	105	65	108	107	61	71	110	105	114	112	112
SUNY-BUFFALO	50	13	52	43	25	74	90	56	88	75	85	94	44	68	60	63	37	104	75	78	25	73
SUNY-STONY BROOK	111	115	98	44	67	36	102	102	107	107	106	114	48	89	85	101	54	115	108	102	52	105
SYRACUSE	76	49	83	105	9	40	89	76	78	84	25	68	93	81	103	85	69	73	82	85	53	84
TEMPLE	51	71	66	67	82	62	42	80	52	58	48	47	62	80	76	60	65	80	73	28	26	57
TENNESSEE	75	84	68	93	49	69	43	73	80	64	61	42	88	33	59	79	53	47	57	32	35	59
TEXAS	8	35	11	24	16	74	15	11	15	11	20	53	31	20	17	66	19	6	10	48	110	10
TEXAS A&M	35	3	29	21	30	57	10	30	8	21	1	17	27	4	14	7	18	42	26	7	64	18

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
TEXAS TECH	93	82	101	33	89	68	41	53	49	49	55	60	37	29	42	52	36	38	32	61	90	48
TORONTO	5	10	6	31	32	UA	3	3	13	3	10	4	13	91	55	108	12	4	3	1	66	3
TULANE	47	27	102	28	96	63	77	105	105	94	32	45	51	67	101	105	103	83	87	77	63	94
UTAH	71	107	UA	70	73	14	101	48	19	56	UA	77	87	99	58	47	61	28	35	103	58	64
VANDERBILT	66	61	46	84	84	42	51	60	38	52	77	70	89	27	68	72	47	68	64	26	13	52
VIRGINIA	27	46	19	3	35	23	60	24	28	30	9	51	69	48	54	45	38	13	27	74	83	33
VIRGINIA TECH	96	8	89	110	21	33	87	108	103	99	80	46	110	100	91	81	113	88	101	80	39	98
WASHINGTON	16	15	18	89	7	74	25	15	30	20	37	26	85	16	12	5	9	24	14	23	80	20
WASHINGTON STATE	104	69	85	107	53	74	106	98	90	106	87	106	UA	104	25	28	103	94	101	96	10	107
WASHINGTON U.-ST. LOUIS	40	53	43	50	78	UA	36	55	29	47	73	59	41	69	19	13	41	64	54	46	77	47
WATERLOO	107	98	86	113	105	74	98	94	93	98	41	85	108	103	43	26	114	79	101	101	68	99
WAYNE STATE	61	114	74	92	66	35	84	68	47	71	102	111	86	79	29	33	31	87	47	41	3	71
WESTERN ONTARIO	60	108	48	62	61	74	50	71	108	69	66	58	32	34	113	102	69	61	80	39	37	68
WISCONSIN	12	38	8	23	19	16	46	12	14	22	33	56	43	73	7	2	5	33	7	49	67	22
YALE	3	9	2	5	3	74	2	2	7	2	4	2	2	105	21	19	3	5	4	29	114	2
YORK	86	66	39	54	56	UA	66	42	37	48	44	44	21	54	109	114	85	67	66	60	41	51

## RANK ORDER TABLE 1: VOLUMES IN LIBRARY

	Value		Value	
1	HARVARD	16,832,952	58 MASSACHUSETTS	3,697,796
2	ILLINOIS, URBANA	13,158,748	59 NOTRE DAME	3,673,092
3	YALE	12,787,962	60 WESTERN ONTARIO	3,664,579
4	CALIFORNIA, BERKELEY	11,545,418	61 WAYNE STATE	3,655,805
5	TORONTO	11,529,942	62 EMORY	3,619,813
6	COLUMBIA	11,189,036	63 HAWAII	3,602,058
7	MICHIGAN	10,778,736	64 MISSOURI	3,561,607
8	TEXAS	9,990,941	65 ALABAMA	3,533,794
9	CHICAGO	9,837,021	66 VANDERBILT	3,531,208
10	CALIFORNIA, LOS ANGELES	9,151,964	67 NEBRASKA	3,500,601
11	INDIANA	8,677,974	68 AUBURN	3,472,547
12	WISCONSIN	8,421,198	69 OKLAHOMA STATE	3,468,428
13	CORNELL	8,173,778	70 GEORGETOWN	3,461,170
14	PRINCETON	7,226,744	71 UTAH	3,441,965
15	ALBERTA	7,220,635	72 NEW MEXICO	3,430,200
16	WASHINGTON	7,203,156	73 CALGARY	3,361,639
17	MINNESOTA	7,111,311	74 MIAMI	3,348,622
18	NORTH CAROLINA	7,012,787	75 TENNESSEE	3,330,181
19	PENNSYLVANIA	6,438,305	76 SYRACUSE	3,291,384
20	BRITISH COLUMBIA	6,423,892	77 CALIFORNIA, IRVINE	3,223,679
21	DUKE	6,174,814	78 SOUTHERN ILLINOIS	3,203,455
22	OHIO STATE	6,161,657	79 MIT	3,119,157
23	PITTSBURGH	6,148,036	80 LAVAL	3,074,029
24	ARIZONA	5,998,148	81 CALIFORNIA, RIVERSIDE	3,066,630
25	OKLAHOMA	5,662,666	82 OREGON	3,033,070
26	MICHIGAN STATE	5,609,761	83 DARTMOUTH	3,029,067
27	VIRGINIA	5,607,915	84 CALIFORNIA, SANTA BARBARA	3,009,809
28	IOWA	5,490,825	85 OHIO	2,979,370
29	PENNSYLVANIA STATE	5,441,121	86 YORK	2,976,128
30	NEW YORK	5,382,424	87 BOSTON	2,950,238
31	NORTHWESTERN	5,047,970	88 MONTREAL	2,933,991
32	GEORGIA	4,810,192	89 KENT STATE	2,922,855
33	RUTGERS	4,722,407	90 FLORIDA STATE	2,885,954
34	COLORADO	4,681,261	91 DELAWARE	2,829,768
35	TEXAS A&M	4,577,498	92 CASE WESTERN RESERVE	2,815,968
36	ARIZONA STATE	4,497,114	93 TEXAS TECH	2,775,068
37	FLORIDA	4,414,450	94 HOUSTON	2,708,936
38	CINCINNATI	4,379,445	95 RICE	2,667,111
39	NORTH CAROLINA STATE	4,332,899	96 VIRGINIA TECH	2,634,115
40	WASHINGTON U.-ST. LOUIS	4,323,958	97 IOWA STATE	2,626,074
41	KANSAS	4,318,644	98 HOWARD	2,613,769
42	MCGILL	4,292,324	99 ILLINOIS, CHICAGO	2,612,007
43	BRIGHAM YOUNG	4,292,056	100 BOSTON COLLEGE	2,602,677
44	BROWN	4,187,257	101 QUEEN'S	2,598,040
45	SOUTHERN CALIFORNIA	4,180,515	102 PURDUE	2,566,521
46	CALIFORNIA, DAVIS	4,175,047	103 GEORGIA TECH	2,556,729
47	TULANE	4,155,793	104 WASHINGTON STATE	2,450,409
48	LOUISIANA STATE	4,128,626	105 SASKATCHEWAN	2,386,203
49	CONNECTICUT	4,096,396	106 COLORADO STATE	2,385,266
50	SUNY-BUFFALO	4,029,865	107 WATERLOO	2,364,347
51	TEMPLE	3,990,379	108 GEORGE WASHINGTON	2,352,015
52	SOUTH CAROLINA	3,963,958	109 MANITOBA	2,306,410
53	MARYLAND	3,930,013	110 SUNY-ALBANY	2,293,745
54	KENTUCKY	3,915,579	111 SUNY-STONY BROOK	2,287,068
55	CALIFORNIA, SAN DIEGO	3,830,802	112 LOUISVILLE	2,277,549
56	ROCHESTER	3,826,916	113 MCMASTER	2,092,944
57	JOHNS HOPKINS	3,701,215	114 OTTAWA	1,993,062
			115 GUELPH	1,901,534

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

	Value		Value	
1	COLUMBIA	535,687	58 SOUTHERN CALIFORNIA	82,671
2	CHICAGO	529,024	59 EMORY	82,601
3	TEXAS A&M	512,221	60 MICHIGAN STATE	82,390
4	HARVARD	275,950	61 VANDERBILT	80,884
5	PITTSBURGH	272,715	62 MCGILL	75,512
6	ILLINOIS, URBANA	256,943	63 NORTH CAROLINA STATE	75,370
7	MICHIGAN	250,652	64 BROWN	73,581
8	VIRGINIA TECH	250,557	65 MANITOBA	73,564
9	YALE	237,514	66 YORK	71,218
10	TORONTO	233,021	67 MIT	67,326
11	IOWA	232,867	68 GEORGETOWN	67,215
12	PENNSYLVANIA	222,613	69 WASHINGTON STATE	61,311
13	SUNY-BUFFALO	214,002	70 MISSOURI	57,443
14	RUTGERS	211,866	71 TEMPLE	57,417
15	WASHINGTON	208,765	72 CALIFORNIA, DAVIS	57,292
16	CALIFORNIA, SAN DIEGO	208,536	73 LOUISVILLE	56,695
17	NORTH CAROLINA	207,232	74 BOSTON COLLEGE	55,964
18	ILLINOIS, CHICAGO	204,412	75 OKLAHOMA STATE	55,393
19	OHIO STATE	197,966	76 MONTREAL	55,224
20	PENNSYLVANIA STATE	197,064	77 KANSAS	54,858
21	COLORADO	196,490	78 KENT STATE	52,579
22	DARTMOUTH	193,275	79 ARIZONA STATE	52,192
23	CALIFORNIA, LOS ANGELES	188,975	80 NEW MEXICO	50,532
24	MARYLAND	183,501	81 NEBRASKA	50,507
25	ALBERTA	169,621	82 TEXAS TECH	49,550
26	NORTHWESTERN	169,105	83 MASSACHUSETTS	49,007
27	TULANE	159,849	84 TENNESSEE	47,669
28	ALABAMA	158,565	85 RICE	46,799
29	CALIFORNIA, BERKELEY	156,972	86 HOUSTON	46,462
30	PRINCETON	155,740	87 CASE WESTERN RESERVE	44,271
31	INDIANA	152,934	88 SOUTHERN ILLINOIS	43,163
32	BRITISH COLUMBIA	151,852	89 FLORIDA STATE	42,233
33	CALGARY	151,327	90 OHIO	41,695
34	CONNECTICUT	143,221	91 OTTAWA	41,500
35	TEXAS	142,205	92 BOSTON	40,862
36	BRIGHAM YOUNG	135,782	93 HAWAII	40,170
37	MINNESOTA	131,822	94 DELAWARE	38,849
38	WISCONSIN	124,316	95 COLORADO STATE	38,027
39	FLORIDA	122,873	96 OREGON	37,425
40	CALIFORNIA, RIVERSIDE	121,716	97 IOWA STATE	37,043
41	OKLAHOMA	121,400	98 WATERLOO	34,826
42	CALIFORNIA, IRVINE	118,218	99 SOUTH CAROLINA	32,894
43	CORNELL	117,628	100 GUELPH	32,794
44	LAVAL	115,490	101 QUEEN'S	32,676
45	MCMASTER	115,033	102 JOHNS HOPKINS	32,558
46	VIRGINIA	112,250	103 SUNY-ALBANY	32,014
47	CINCINNATI	110,457	104 ROCHESTER	29,257
48	ARIZONA	104,581	105 SASKATCHEWAN	28,103
49	SYRACUSE	97,936	106 CALIFORNIA, SANTA BARBARA	27,571
50	NEW YORK	97,075	107 UTAH	27,164
51	GEORGE WASHINGTON	96,790	108 WESTERN ONTARIO	21,906
52	GEORGIA	95,508	109 LOUISIANA STATE	19,872
53	WASHINGTON U.-ST. LOUIS	93,598	110 PURDUE	19,776
54	DUKE	93,272	111 GEORGIA TECH	16,289
55	NOTRE DAME	89,466	112 HOWARD	15,826
56	MIAMI	87,602	113 AUBURN	15,023
57	KENTUCKY	85,179	114 WAYNE STATE	14,399
			115 SUNY-STONY BROOK	13,097

### RANK ORDER TABLE 3: TITLES HELD

		Value			Value
1	HARVARD	11,093,401	58	MIAMI	2,409,418
2	YALE	8,220,708	59	DARTMOUTH	2,361,288
3	MICHIGAN	7,726,338	60	MARYLAND	2,355,867
4	ILLINOIS, URBANA	7,667,789	61	COLORADO STATE	2,348,841
5	COLUMBIA	7,496,105	62	KENTUCKY	2,337,105
6	TORONTO	6,669,809	63	CALIFORNIA, RIVERSIDE	2,315,867
7	CHICAGO	6,233,816	64	OKLAHOMA STATE	2,312,285
8	WISCONSIN	6,124,944	65	CALGARY	2,282,882
9	INDIANA	6,051,783	66	TEMPLE	2,281,956
10	CALIFORNIA, LOS ANGELES	6,013,006	67	HOUSTON	2,280,869
11	TEXAS	5,723,236	68	TENNESSEE	2,220,847
12	PRINCETON	5,286,463	69	NEBRASKA	2,204,790
13	MICHIGAN STATE	5,008,588	70	EMORY	2,201,807
14	IOWA	4,998,971	71	PURDUE	2,183,032
15	MINNESOTA	4,928,000	72	CASE WESTERN RESERVE	2,170,623
16	CORNELL	4,921,227	73	RUTGERS	2,169,635
17	OHIO STATE	4,862,865	74	WAYNE STATE	2,159,995
18	WASHINGTON	4,720,498	75	LOUISIANA STATE	2,152,495
19	VIRGINIA	4,213,107	76	BOSTON COLLEGE	2,149,945
20	ARIZONA	4,109,937	77	RICE	2,149,601
21	NORTH CAROLINA	4,028,062	78	OHIO	2,104,638
22	CALIFORNIA, DAVIS	3,976,804	79	DELAWARE	2,098,446
23	PENNSYLVANIA STATE	3,914,614	80	NORTH CAROLINA STATE	2,083,724
24	BRITISH COLUMBIA	3,842,980	81	MONTREAL	1,936,860
25	KANSAS	3,719,251	82	OREGON	1,932,872
26	OKLAHOMA	3,625,248	83	SYRACUSE	1,926,828
27	GEORGIA	3,622,206	84	SOUTHERN ILLINOIS	1,907,437
28	BRIGHAM YOUNG	3,608,703	85	WASHINGTON STATE	1,883,552
29	TEXAS A&M	3,531,760	86	WATERLOO	1,842,827
30	SOUTH CAROLINA	3,464,533	87	OTTAWA	1,818,135
31	ALBERTA	3,424,623	88	KENT STATE	1,800,000
32	AUBURN	3,175,546	89	VIRGINIA TECH	1,799,403
33	NEW YORK	3,087,351	90	MCMASTER	1,769,393
34	JOHNS HOPKINS	3,077,355	91	IOWA STATE	1,655,685
35	BROWN	3,073,462	92	MANITOBA	1,592,516
36	GEORGETOWN	3,049,256	93	GEORGE WASHINGTON	1,531,271
37	MCGILL	2,994,374	94	GUELPH	1,521,939
38	CALIFORNIA, SANTA BARBARA	2,982,052	95	SUNY-ALBANY	1,492,130
39	YORK	2,976,128	96	SASKATCHEWAN	1,464,216
40	ROCHESTER	2,967,539	97	LAVAL	1,404,727
41	SOUTHERN CALIFORNIA	2,901,824	98	SUNY-STONY BROOK	1,376,686
42	MISSOURI	2,879,669	99	GEORGIA TECH	821,424
43	WASHINGTON U.-ST. LOUIS	2,827,082	100	HOWARD	702,499
44	CINCINNATI	2,800,563	101	TEXAS TECH	149,609
45	ALABAMA	2,793,462	102	TULANE	142,314
46	VANDERBILT	2,788,015		CALIFORNIA, BERKELEY	.
47	FLORIDA STATE	2,747,769		CALIFORNIA, SAN DIEGO	.
48	WESTERN ONTARIO	2,719,126		COLORADO	.
49	ARIZONA STATE	2,613,783		DUKE	.
50	BOSTON	2,587,117		FLORIDA	.
51	NEW MEXICO	2,562,174		LOUISVILLE	.
52	SUNY-BUFFALO	2,558,204		MASSACHUSETTS	.
53	CALIFORNIA, IRVINE	2,557,508		MIT	.
54	ILLINOIS, CHICAGO	2,550,310		NORTHWESTERN	.
55	NOTRE DAME	2,527,270		PENNSYLVANIA	.
56	HAWAII	2,521,694		PITTSBURGH	.
57	CONNECTICUT	2,474,471		QUEEN'S	.
				UTAH	.

## RANK ORDER TABLE 4: CURRENT SERIALS (TOTAL)

	Value		Value		
1	COLUMBIA	168,812	58	BRIGHAM YOUNG	80,292
2	HARVARD	157,854	59	IOWA	79,586
3	VIRGINIA	146,007	60	KANSAS	79,469
4	JOHNS HOPKINS	141,626	61	LOUISVILLE	79,362
5	YALE	139,540	62	WESTERN ONTARIO	78,964
6	CALIFORNIA, BERKELEY	134,303	63	CALIFORNIA, LOS ANGELES	78,463
7	MICHIGAN STATE	125,740	64	CALIFORNIA, SAN DIEGO	78,435
8	ILLINOIS, URBANA	123,857	65	CALIFORNIA, IRVINE	78,231
9	LOUISIANA STATE	121,896	66	RICE	77,632
10	CHICAGO	116,750	67	TEMPLE	76,659
11	DUKE	113,602	68	HOUSTON	76,619
12	NEW YORK	111,962	69	KENT STATE	76,459
13	ALBERTA	111,298	70	UTAH	76,314
14	MONTREAL	111,098	71	DARTMOUTH	75,529
15	CINCINNATI	110,087	72	HAWAII	75,366
16	MINNESOTA	109,681	73	MCMASTER	75,067
17	SOUTHERN CALIFORNIA	109,352	74	BROWN	75,022
18	FLORIDA	109,181	75	CALIFORNIA, DAVIS	74,836
19	PENNSYLVANIA STATE	109,132	76	OREGON	74,487
20	CORNELL	109,000	77	RUTGERS	73,236
21	TEXAS A&M	108,064	78	COLORADO	72,210
22	INDIANA	106,138	79	CALIFORNIA, SANTA BARBARA	70,304
23	WISCONSIN	103,844	80	OKLAHOMA STATE	70,030
24	TEXAS	100,006	81	MARYLAND	68,514
25	IOWA STATE	98,610	82	SUNY-ALBANY	67,417
26	PENNSYLVANIA	98,145	83	MASSACHUSETTS	67,260
27	BRITISH COLUMBIA	97,729	84	VANDERBILT	67,249
28	TULANE	96,217	85	SOUTH CAROLINA	67,016
29	CONNECTICUT	94,953	86	MANITOBA	65,954
30	NORTHWESTERN	94,163	87	NORTH CAROLINA STATE	65,414
31	TORONTO	93,409	88	BOSTON	65,037
32	GEORGIA	93,148	89	WASHINGTON	63,221
33	TEXAS TECH	93,043	90	OTTAWA	63,091
34	OKLAHOMA	92,336	91	LAVAL	62,220
35	ARIZONA STATE	92,272	92	WAYNE STATE	61,253
36	ARIZONA	91,472	93	TENNESSEE	61,152
37	OHIO STATE	90,965	94	PRINCETON	59,942
38	CALIFORNIA, RIVERSIDE	90,810	95	PURDUE	59,268
39	GEORGE WASHINGTON	89,721	96	SOUTHERN ILLINOIS	58,246
40	QUEEN'S	89,182	97	AUBURN	57,935
41	MCGILL	88,341	98	GUELPH	56,936
42	ALABAMA	88,083	99	MISSOURI	55,814
43	SUNY-BUFFALO	87,997	100	CALGARY	55,598
44	SUNY-STONY BROOK	87,737	101	ILLINOIS, CHICAGO	54,997
45	NOTRE DAME	87,690	102	COLORADO STATE	53,774
46	NORTH CAROLINA	87,639	103	MIT	53,155
47	PITTSBURGH	87,417	104	OHIO	52,206
48	KENTUCKY	87,287	105	SYRACUSE	49,460
49	NEW MEXICO	85,916	106	SASKATCHEWAN	47,055
50	WASHINGTON U.-ST. LOUIS	85,796	107	WASHINGTON STATE	43,460
51	CASE WESTERN RESERVE	85,591	108	NEBRASKA	42,011
52	EMORY	85,044	109	GEORGIA TECH	42,001
53	MICHIGAN	83,062	110	VIRGINIA TECH	41,877
54	YORK	82,718	111	ROCHESTER	40,948
55	GEORGETOWN	81,653	112	DELAWARE	39,557
56	FLORIDA STATE	81,141	113	WATERLOO	35,583
57	MIAMI	80,858	114	BOSTON COLLEGE	34,866
			115	HOWARD	24,263

## RANK ORDER TABLE 5: MICROFORM UNITS

	Value		Value		
1	ILLINOIS, URBANA	10,739,522	58	PENNSYLVANIA	4,188,476
2	MICHIGAN	10,586,287	59	OREGON	4,164,939
3	YALE	10,207,170	60	ALABAMA	4,119,951
4	FLORIDA STATE	9,817,752	61	WESTERN ONTARIO	4,106,024
5	MISSOURI	8,115,082	62	MIAMI	4,065,784
6	FLORIDA	8,097,549	63	QUEEN'S	4,061,731
7	WASHINGTON	8,006,596	64	GEORGETOWN	4,054,635
8	ARIZONA STATE	7,669,286	65	NOTRE DAME	4,049,479
9	SYRACUSE	7,538,343	66	WAYNE STATE	3,899,273
10	CALIFORNIA, BERKELEY	7,268,663	67	SUNY-STONY BROOK	3,851,230
11	MINNESOTA	7,075,693	68	NEBRASKA	3,783,375
12	COLORADO	7,064,939	69	CALIFORNIA, SANTA BARBARA	3,772,888
13	MICHIGAN STATE	6,839,654	70	ALBERTA	3,747,499
14	PRINCETON	6,670,707	71	KANSAS	3,688,609
15	GEORGIA	6,670,148	72	CALGARY	3,677,896
16	TEXAS	6,663,279	73	UTAH	3,643,286
17	KENTUCKY	6,555,102	74	PENNSYLVANIA STATE	3,553,455
18	SOUTHERN CALIFORNIA	6,472,630	75	BRIGHAM YOUNG	3,530,764
19	WISCONSIN	6,435,127	76	IOWA STATE	3,527,542
20	COLUMBIA	6,412,185	77	HAWAII	3,523,105
21	VIRGINIA TECH	6,329,965	78	WASHINGTON U.-ST. LOUIS	3,481,666
22	ARIZONA	6,329,899	79	DELAWARE	3,451,194
23	EMORY	6,287,772	80	RICE	3,359,472
24	CALIFORNIA, LOS ANGELES	6,244,144	81	CINCINNATI	3,356,541
25	SUNY-BUFFALO	6,187,843	82	TEMPLE	3,343,280
26	OHIO STATE	6,147,566	83	CHICAGO	3,172,118
27	RUTGERS	6,109,718	84	VANDERBILT	3,128,181
28	HOUSTON	5,995,274	85	SASKATCHEWAN	3,086,691
29	MARYLAND	5,827,154	86	PURDUE	3,074,243
30	TEXAS A&M	5,714,052	87	CALIFORNIA, SAN DIEGO	3,060,678
31	NEW YORK	5,641,707	88	SUNY-ALBANY	2,922,357
32	TORONTO	5,511,229	89	TEXAS TECH	2,784,868
33	PITTSBURGH	5,479,151	90	AUBURN	2,720,223
34	NORTH CAROLINA STATE	5,449,608	91	CASE WESTERN RESERVE	2,636,307
35	VIRGINIA	5,441,288	92	DARTMOUTH	2,590,765
36	SOUTH CAROLINA	5,430,971	93	MASSACHUSETTS	2,589,234
37	BRITISH COLUMBIA	5,364,073	94	MIT	2,427,065
38	NORTH CAROLINA	5,207,978	95	GUELPH	2,369,605
39	ROCHESTER	5,111,038	96	TULANE	2,324,436
40	INDIANA	4,995,917	97	CALIFORNIA, RIVERSIDE	2,323,679
41	BOSTON	4,790,610	98	CALIFORNIA, IRVINE	2,322,463
42	NEW MEXICO	4,733,553	99	LOUISIANA STATE	2,277,498
43	GEORGIA TECH	4,667,701	100	LOUISVILLE	2,230,691
44	SOUTHERN ILLINOIS	4,633,365	101	BROWN	1,975,776
45	NORTHWESTERN	4,623,370	102	OHIO	1,948,666
46	OKLAHOMA STATE	4,567,900	103	OTTAWA	1,928,991
47	OKLAHOMA	4,489,413	104	MCGILL	1,804,209
48	DUKE	4,422,497	105	WATERLOO	1,715,194
49	TENNESSEE	4,407,365	106	MONTREAL	1,549,666
50	JOHNS HOPKINS	4,400,074	107	MCMASTER	1,529,415
51	CONNECTICUT	4,360,747	108	MANITOBA	1,474,782
52	BOSTON COLLEGE	4,267,562	109	GEORGE WASHINGTON	1,472,424
53	WASHINGTON STATE	4,267,499	110	LAVAL	1,339,189
54	HOWARD	4,264,940	111	COLORADO STATE	1,159,000
55	CALIFORNIA, DAVIS	4,264,860	112	IOWA	188,464
56	YORK	4,244,013		CORNELL	.
57	ILLINOIS, CHICAGO	4,216,990		HARVARD	.
				KENT STATE	.

## RANK ORDER TABLE 6: GOVERNMENT DOCUMENTS

	Value		Value		
1	RUTGERS	2,672,378	58	RICE	55,896
2	MINNESOTA	2,640,951	59	OKLAHOMA	46,706
3	MISSOURI	1,685,351	60	CASE WESTERN RESERVE	33,144
4	NORTH CAROLINA	1,625,932	61	CINCINNATI	27,605
5	DUKE	1,267,656	62	TEMPLE	25,201
6	FLORIDA	1,250,614	63	TULANE	23,340
7	QUEEN'S	1,124,881	64	OHIO STATE	16,328
8	GEORGIA	1,073,004	65	GEORGETOWN	9,385
9	KENTUCKY	1,034,681	66	GEORGE WASHINGTON	8,379
10	OTTAWA	966,213	67	NORTHWESTERN	7,808
11	SOUTH CAROLINA	957,074	68	TEXAS TECH	4,222
12	COLORADO	943,456	69	TENNESSEE	4,116
13	FLORIDA STATE	928,355	70	PRINCETON	2,651
14	UTAH	900,680	71	HOWARD	2,364
15	ALABAMA	814,194	72	PITTSBURGH	1,159
16	WISCONSIN	786,307	73	CALIFORNIA, SAN DIEGO	55
17	ILLINOIS, CHICAGO	785,000	74	ALBERTA	0
18	KANSAS	743,819	74	ARIZONA	0
19	HOUSTON	680,971	74	BOSTON	0
20	MCGILL	680,014	74	BROWN	0
21	NEW MEXICO	667,576	74	CALGARY	0
22	ARIZONA STATE	667,282	74	CHICAGO	0
23	VIRGINIA	634,711	74	CONNECTICUT	0
24	LOUISIANA STATE	586,270	74	CORNELL	0
25	NEBRASKA	552,672	74	DARTMOUTH	0
26	MASSACHUSETTS	547,815	74	GEORGIA TECH	0
27	NEW YORK	486,931	74	GUELPH	0
28	PURDUE	483,072	74	HAWAII	0
29	CALIFORNIA, BERKELEY	469,922	74	ILLINOIS, URBANA	0
30	CALIFORNIA, SANTA BARBARA	452,111	74	IOWA STATE	0
31	DELAWARE	449,384	74	JOHNS HOPKINS	0
32	SASKATCHEWAN	417,796	74	KENT STATE	0
33	VIRGINIA TECH	399,525	74	LAVAL	0
34	BRIGHAM YOUNG	381,410	74	LOUISVILLE	0
35	WAYNE STATE	367,293	74	MCMASTER	0
36	SUNY-STONY BROOK	350,202	74	MIAMI	0
37	INDIANA	327,381	74	MICHIGAN STATE	0
38	SOUTHERN ILLINOIS	312,153	74	MIT	0
39	CALIFORNIA, RIVERSIDE	311,067	74	MONTREAL	0
40	SYRACUSE	293,267	74	NORTH CAROLINA STATE	0
41	SOUTHERN CALIFORNIA	275,597	74	NOTRE DAME	0
42	VANDERBILT	267,848	74	SUNY-ALBANY	0
43	OREGON	248,790	74	SUNY-BUFFALO	0
44	AUBURN	232,758	74	TEXAS	0
45	EMORY	230,560	74	WASHINGTON	0
46	COLORADO STATE	224,341	74	WASHINGTON STATE	0
47	MANITOBA	221,581	74	WATERLOO	0
48	BOSTON COLLEGE	212,591	74	WESTERN ONTARIO	0
49	MARYLAND	201,767	74	YALE	0
50	OKLAHOMA STATE	198,512		BRITISH COLUMBIA	.
51	COLUMBIA	174,272		HARVARD	.
52	CALIFORNIA, IRVINE	149,268		IOWA	.
53	PENNSYLVANIA STATE	85,677		MICHIGAN	.
54	ROCHESTER	83,982		OHIO	.
55	CALIFORNIA, LOS ANGELES	80,044		PENNSYLVANIA	.
56	CALIFORNIA, DAVIS	73,673		TORONTO	.
57	TEXAS A&M	65,519		WASHINGTON U.-ST. LOUIS	.
				YORK	.



## RANK ORDER TABLE 7: TOTAL LIBRARY MATERIALS EXPENDITURES

	Value		Value		
1	HARVARD	32,341,358	58	RUTGERS	10,510,456
2	YALE	31,340,632	59	GEORGIA	10,489,974
3	TORONTO	26,969,613	60	VIRGINIA	10,352,942
4	COLUMBIA	26,445,238	61	CONNECTICUT	10,315,248
5	PRINCETON	23,156,840	62	CINCINNATI	10,259,873
6	MICHIGAN	23,002,928	63	RICE	10,015,546
7	NEW YORK	20,461,642	64	ALABAMA	9,798,773
8	ALBERTA	19,446,396	65	NORTH CAROLINA STATE	9,782,748
9	SOUTHERN CALIFORNIA	19,125,627	66	YORK	9,781,731
10	TEXAS A&M	18,443,037	67	MISSOURI	9,751,527
11	CHICAGO	18,143,564	68	CALIFORNIA, IRVINE	9,714,066
12	PENNSYLVANIA STATE	17,953,463	69	BROWN	9,701,826
13	CALIFORNIA, BERKELEY	17,846,646	70	BOSTON	9,645,325
14	DUKE	17,528,304	71	CALIFORNIA, SAN DIEGO	9,548,345
15	TEXAS	17,392,118	72	KANSAS	9,536,565
16	MINNESOTA	17,008,958	73	BOSTON COLLEGE	9,529,516
17	NORTH CAROLINA	16,970,946	74	LOUISVILLE	9,467,444
18	EMORY	16,496,488	75	SASKATCHEWAN	9,427,558
19	BRITISH COLUMBIA	16,142,816	76	DARTMOUTH	9,421,474
20	PITTSBURGH	15,605,569	77	TULANE	9,380,699
21	PENNSYLVANIA	15,547,546	78	QUEEN'S	9,169,623
22	ILLINOIS, URBANA	15,281,388	79	DELAWARE	9,169,159
23	IOWA	15,060,052	80	IOWA STATE	9,078,625
24	CORNELL	14,917,133	81	MIT	9,000,247
25	WASHINGTON	14,842,396	82	SOUTH CAROLINA	8,882,438
26	JOHNS HOPKINS	14,568,011	83	FLORIDA STATE	8,749,087
27	ARIZONA	14,386,012	84	WAYNE STATE	8,601,311
28	OKLAHOMA	13,952,020	85	MCMASTER	8,551,365
29	MCGILL	13,823,892	86	ROCHESTER	8,514,371
30	NORTHWESTERN	13,631,528	87	VIRGINIA TECH	8,428,572
31	MIAMI	13,598,382	88	MANITOBA	8,405,158
32	INDIANA	13,490,434	89	SYRACUSE	8,401,813
33	MICHIGAN STATE	13,407,332	90	SUNY-BUFFALO	8,214,014
34	BRIGHAM YOUNG	13,388,500	91	ILLINOIS, CHICAGO	8,210,441
35	CALIFORNIA, LOS ANGELES	12,393,660	92	CALIFORNIA, DAVIS	7,462,149
36	WASHINGTON U.-ST. LOUIS	12,274,398	93	HAWAII	7,258,502
37	CALGARY	12,120,784	94	NEW MEXICO	7,160,258
38	GEORGETOWN	12,109,640	95	SOUTHERN ILLINOIS	7,090,979
39	FLORIDA	12,004,335	96	CASE WESTERN RESERVE	7,076,887
40	OHIO STATE	11,954,846	97	OKLAHOMA STATE	7,074,884
41	TEXAS TECH	11,938,700	98	WATERLOO	7,052,563
42	TEMPLE	11,937,615	99	COLORADO STATE	7,021,010
43	TENNESSEE	11,912,941	100	NEBRASKA	6,797,403
44	NOTRE DAME	11,837,829	101	UTAH	6,728,095
45	MONTREAL	11,811,475	102	SUNY-STONY BROOK	6,634,380
46	WISCONSIN	11,522,129	103	GUELPH	6,212,065
47	GEORGE WASHINGTON	11,509,525	104	OREGON	6,143,178
48	OTTAWA	11,420,342	105	MASSACHUSETTS	6,066,496
49	COLORADO	11,420,186	106	WASHINGTON STATE	5,935,225
50	WESTERN ONTARIO	11,318,696	107	GEORGIA TECH	5,751,353
51	VANDERBILT	11,312,373	108	LOUISIANA STATE	5,682,352
52	LAVAL	11,252,948	109	AUBURN	5,621,146
53	PURDUE	11,244,162	110	OHIO	5,283,994
54	KENTUCKY	10,936,239	111	SUNY-ALBANY	5,193,274
55	ARIZONA STATE	10,805,462	112	CALIFORNIA, RIVERSIDE	4,983,504
56	MARYLAND	10,677,197	113	CALIFORNIA, SANTA BARBARA	4,807,044
57	HOUSTON	10,548,198	114	KENT STATE	4,403,740
			115	HOWARD	3,155,926

## RANK ORDER TABLE 8: TOTAL SALARIES & WAGES EXPENDITURES

	Value		Value		
1	HARVARD	60,418,468	58	NEW MEXICO	10,284,401
2	YALE	36,188,993	59	GEORGIA	10,062,586
3	TORONTO	34,772,023	60	VANDERBILT	9,984,473
4	MICHIGAN	33,395,990	61	ARIZONA STATE	9,788,933
5	COLUMBIA	29,999,815	62	CALIFORNIA, IRVINE	9,752,621
6	CALIFORNIA, BERKELEY	27,696,301	63	BOSTON	9,701,815
7	PENNSYLVANIA STATE	25,673,407	64	MIAMI	9,590,434
8	CALIFORNIA, LOS ANGELES	25,360,537	65	BOSTON COLLEGE	9,460,731
9	NEW YORK	22,911,054	66	BROWN	9,313,157
10	ILLINOIS, URBANA	22,226,040	67	OTTAWA	9,262,353
11	TEXAS	22,206,425	68	WAYNE STATE	9,258,816
12	WISCONSIN	22,173,955	69	CALIFORNIA, DAVIS	9,181,054
13	CORNELL	21,642,954	70	COLORADO	9,033,527
14	PRINCETON	21,571,493	71	WESTERN ONTARIO	8,996,650
15	WASHINGTON	21,418,297	72	HAWAII	8,919,096
16	NORTH CAROLINA	19,910,071	73	TENNESSEE	8,852,573
17	RUTGERS	19,647,073	74	DARTMOUTH	8,819,155
18	ALBERTA	18,681,972	75	KENTUCKY	8,506,784
19	PENNSYLVANIA	18,556,300	76	SYRACUSE	8,412,650
20	MONTREAL	18,410,284	77	OKLAHOMA STATE	8,283,256
21	MINNESOTA	18,181,022	78	CINCINNATI	8,282,760
22	BRITISH COLUMBIA	18,161,913	79	OREGON	8,229,072
23	DUKE	17,472,758	80	TEMPLE	8,191,276
24	VIRGINIA	17,056,127	81	DELAWARE	8,119,900
25	OHIO STATE	16,980,569	82	SASKATCHEWAN	8,012,617
26	SOUTHERN CALIFORNIA	16,808,564	83	MCMASTER	7,981,265
27	INDIANA	15,795,562	84	QUEEN'S	7,879,941
28	CALIFORNIA, SAN DIEGO	15,153,709	85	CALIFORNIA, SANTA BARBARA	7,728,160
29	CONNECTICUT	14,490,007	86	ROCHESTER	7,727,497
30	TEXAS A&M	14,343,558	87	SOUTH CAROLINA	7,505,882
31	NORTHWESTERN	14,008,451	88	FLORIDA STATE	7,475,128
32	CALGARY	13,912,787	89	NEBRASKA	7,305,349
33	FLORIDA	13,435,036	90	MASSACHUSETTS	7,296,565
34	BRIGHAM YOUNG	13,156,651	91	ILLINOIS, CHICAGO	7,272,197
35	CHICAGO	13,149,610	92	OKLAHOMA	7,233,028
36	EMORY	12,661,291	93	IOWA STATE	7,224,437
37	MIT	12,657,957	94	WATERLOO	7,195,711
38	IOWA	12,568,870	95	MISSOURI	7,020,430
39	GEORGETOWN	12,492,145	96	ALABAMA	6,945,110
40	NORTH CAROLINA STATE	12,301,627	97	SOUTHERN ILLINOIS	6,762,700
41	MCGILL	12,287,682	98	WASHINGTON STATE	6,712,967
42	YORK	12,263,373	99	HOUSTON	6,489,264
43	PITTSBURGH	12,118,935	100	GUELPH	6,398,203
44	MARYLAND	12,069,172	101	SUNY-ALBANY	6,328,585
45	MANITOBA	12,026,574	102	SUNY-STONY BROOK	6,288,060
46	JOHNS HOPKINS	11,782,727	103	CALIFORNIA, RIVERSIDE	6,245,210
47	MICHIGAN STATE	11,587,874	104	LOUISVILLE	6,245,065
48	UTAH	11,515,173	105	TULANE	6,131,473
49	ARIZONA	11,399,314	106	CASE WESTERN RESERVE	5,973,108
50	GEORGE WASHINGTON	11,328,925	107	COLORADO STATE	5,819,891
51	NOTRE DAME	11,043,579	108	VIRGINIA TECH	5,781,230
52	PURDUE	10,853,659	109	OHIO	5,720,785
53	TEXAS TECH	10,827,277	110	GEORGIA TECH	5,369,266
54	KANSAS	10,778,599	111	LOUISIANA STATE	5,331,848
55	WASHINGTON U.-ST. LOUIS	10,497,283	112	AUBURN	5,138,006
56	SUNY-BUFFALO	10,467,039	113	RICE	5,071,456
57	LAVAL	10,377,087	114	HOWARD	4,682,225
			115	KENT STATE	4,497,041

## RANK ORDER TABLE 9: OTHER OPERATING EXPENDITURES

	Value		Value
1	18,227,674	58	2,307,231
2	11,235,664	59	2,234,923
3	8,624,603	60	2,223,139
4	7,878,392	61	2,187,517
5	7,732,809	62	2,116,866
6	7,501,460	63	2,100,310
7	7,401,275	64	2,097,896
8	7,338,194	65	2,092,802
9	7,192,817	66	2,074,064
10	7,157,615	67	2,010,623
11	6,912,523	68	1,917,153
12	6,499,761	69	1,889,869
13	6,192,506	70	1,884,503
14	5,975,036	71	1,753,887
15	5,770,043	72	1,708,871
16	5,567,449	73	1,703,431
17	5,409,229	74	1,628,996
18	5,325,910	75	1,611,461
19	5,073,965	76	1,579,451
20	4,877,329	77	1,576,476
21	4,759,607	78	1,514,968
22	4,556,739	79	1,507,826
23	4,512,026	80	1,450,157
24	4,498,834	81	1,424,894
25	4,458,784	82	1,392,773
26	4,347,540	83	1,392,513
27	4,185,712	84	1,391,752
28	4,050,925	85	1,379,535
29	3,921,969	86	1,358,076
30	3,895,820	87	1,340,663
31	3,878,219	88	1,338,010
32	3,863,149	89	1,285,679
33	3,726,023	90	1,260,555
34	3,713,859	91	1,253,673
35	3,697,102	92	1,188,416
36	3,551,554	93	1,184,523
37	3,538,414	94	1,169,147
38	3,479,765	95	1,162,376
39	3,443,977	96	1,151,402
40	3,194,441	97	1,146,371
41	3,184,687	98	1,118,465
42	3,126,948	99	1,080,883
43	3,047,726	100	1,051,070
44	3,042,410	101	1,050,842
45	3,011,329	102	1,037,171
46	2,886,177	103	906,418
47	2,873,976	104	824,747
48	2,818,565	105	753,246
49	2,766,843	106	752,038
50	2,708,974	107	695,341
51	2,622,913	108	674,380
52	2,547,230	109	663,697
53	2,481,606	110	637,878
54	2,455,312	111	613,905
55	2,447,134	112	587,384
56	2,363,088	113	564,356
57	2,310,226	114	468,397
		115	36,554

## RANK ORDER TABLE 10: TOTAL LIBRARY EXPENDITURES

	Value		Value		
1	HARVARD	111,574,120	58	TEMPLE	22,752,180
2	YALE	75,334,128	59	OKLAHOMA	22,723,720
3	TORONTO	68,231,488	60	KANSAS	22,590,331
4	MICHIGAN	63,957,474	61	MANITOBA	22,586,370
5	COLUMBIA	61,537,559	62	GEORGIA	22,568,889
6	NEW YORK	52,604,525	63	LAVAL	22,262,905
7	PENNSYLVANIA STATE	50,451,411	64	TENNESSEE	22,234,695
8	CALIFORNIA, BERKELEY	50,050,063	65	COLORADO	22,096,966
9	PRINCETON	49,653,805	66	BOSTON	21,793,684
10	CALIFORNIA, LOS ANGELES	46,006,514	67	KENTUCKY	21,178,982
11	TEXAS	45,469,795	68	CINCINNATI	21,096,528
12	ALBERTA	45,090,932	69	WESTERN ONTARIO	21,079,314
13	CORNELL	44,199,742	70	BROWN	20,982,750
14	PENNSYLVANIA	42,126,455	71	WAYNE STATE	20,806,976
15	NORTH CAROLINA	41,802,228	72	BOSTON COLLEGE	20,338,858
16	MINNESOTA	40,734,130	73	HOUSTON	20,294,011
17	DUKE	40,696,213	74	CALIFORNIA, IRVINE	20,159,689
18	ILLINOIS, URBANA	40,577,401	75	SUNY-BUFFALO	20,062,539
19	OHIO STATE	40,373,445	76	ALABAMA	19,902,602
20	WASHINGTON	40,322,337	77	DARTMOUTH	19,740,990
21	TEXAS A&M	40,192,993	78	LOUISVILLE	19,553,275
22	WISCONSIN	39,840,839	79	SOUTH CAROLINA	19,500,404
23	SOUTHERN CALIFORNIA	39,516,945	80	NEW MEXICO	19,388,843
24	BRITISH COLUMBIA	38,921,146	81	DELAWARE	18,961,932
25	CHICAGO	35,293,147	82	ROCHESTER	18,941,344
26	INDIANA	33,898,136	83	SASKATCHEWAN	18,891,576
27	EMORY	33,592,247	84	SYRACUSE	18,372,392
28	RUTGERS	31,937,803	85	QUEEN'S	18,232,789
29	JOHNS HOPKINS	31,816,227	86	MISSOURI	18,080,926
30	VIRGINIA	31,487,948	87	CALIFORNIA, DAVIS	17,923,706
31	PITTSBURGH	31,327,783	88	MCMASTER	17,698,226
32	MONTREAL	31,150,210	89	ILLINOIS, CHICAGO	17,648,664
33	ARIZONA	30,719,703	90	OKLAHOMA STATE	17,635,952
34	NORTHWESTERN	29,933,068	91	HAWAII	17,455,232
35	BRIGHAM YOUNG	29,878,235	92	IOWA STATE	17,132,300
36	IOWA	29,668,041	93	FLORIDA STATE	16,849,352
37	NORTH CAROLINA STATE	29,394,144	94	TULANE	16,416,459
38	MCGILL	28,991,577	95	OREGON	16,022,100
39	GEORGETOWN	27,762,272	96	RICE	15,767,079
40	CALIFORNIA, SAN DIEGO	27,749,780	97	NEBRASKA	15,565,260
41	MICHIGAN STATE	27,591,184	98	WATERLOO	15,476,852
42	CONNECTICUT	27,242,619	99	VIRGINIA TECH	15,164,519
43	FLORIDA	27,242,279	100	SOUTHERN ILLINOIS	15,045,791
44	GEORGE WASHINGTON	27,157,092	101	CALIFORNIA, SANTA BARBARA	14,851,101
45	MIAMI	27,120,660	102	MASSACHUSETTS	14,817,481
46	CALGARY	27,112,060	103	CASE WESTERN RESERVE	14,271,584
47	WASHINGTON U.-ST. LOUIS	26,757,893	104	COLORADO STATE	14,264,719
48	YORK	25,699,722	105	GUELPH	14,130,368
49	TEXAS TECH	25,632,190	106	WASHINGTON STATE	13,943,581
50	NOTRE DAME	25,412,893	107	SUNY-STONY BROOK	13,640,247
51	MARYLAND	24,953,475	108	CALIFORNIA, RIVERSIDE	12,319,332
52	VANDERBILT	24,872,400	109	OHIO	12,208,591
53	ARIZONA STATE	24,573,912	110	GEORGIA TECH	12,171,689
54	MIT	24,550,670	111	AUBURN	12,137,778
55	PURDUE	24,201,236	112	LOUISIANA STATE	11,650,393
56	UTAH	23,326,789	113	SUNY-ALBANY	11,597,750
57	OTTAWA	22,811,421	114	KENT STATE	11,335,095
			115	HOWARD	8,320,804

## RANK ORDER TABLE 11: MONOGRAPHS PURCHASED (VOLUMES)

	Value		Value		
1	TEXAS A&M	429,100	58	CINCINNATI	33,933
2	COLUMBIA	405,478	59	MISSOURI	33,516
3	MICHIGAN	210,562	60	CALGARY	32,849
4	YALE	179,266	61	TENNESSEE	32,006
5	DARTMOUTH	177,804	62	OKLAHOMA STATE	30,966
6	MIT	171,568	63	CALIFORNIA, IRVINE	30,878
7	ILLINOIS, CHICAGO	161,629	64	CALIFORNIA, DAVIS	30,244
8	ILLINOIS, URBANA	161,400	65	MICHIGAN STATE	29,234
9	VIRGINIA	153,782	66	WESTERN ONTARIO	29,004
10	TORONTO	145,809	67	ARIZONA STATE	27,405
11	MCGILL	134,178	68	BOSTON COLLEGE	27,352
12	CHICAGO	132,546	69	OKLAHOMA	27,204
13	COLORADO	129,216	70	IOWA STATE	27,053
14	NORTHWESTERN	119,834	71	MCMASTER	26,613
15	PRINCETON	117,227	72	QUEEN'S	25,059
16	OHIO STATE	108,051	73	WASHINGTON U.-ST. LOUIS	24,923
17	BRIGHAM YOUNG	101,295	74	GEORGE WASHINGTON	23,812
18	HARVARD	99,987	75	NORTH CAROLINA STATE	23,776
19	ALABAMA	97,995	76	OHIO	23,404
20	TEXAS	93,158	77	VANDERBILT	23,381
21	MANITOBA	89,871	78	FLORIDA	23,002
22	KENTUCKY	86,326	79	JOHNS HOPKINS	22,617
23	SOUTHERN CALIFORNIA	84,273	80	VIRGINIA TECH	21,955
24	MONTREAL	81,572	81	ROCHESTER	21,924
25	SYRACUSE	77,382	82	DELAWARE	21,822
26	INDIANA	74,382	83	CONNECTICUT	20,903
27	DUKE	74,263	84	COLORADO STATE	20,784
28	NORTH CAROLINA	70,770	85	SUNY-BUFFALO	20,059
29	PENNSYLVANIA STATE	61,154	86	OREGON	19,378
30	IOWA	54,604	87	WASHINGTON STATE	18,689
31	CALIFORNIA, SAN DIEGO	53,332	88	HOUSTON	18,637
32	TULANE	53,110	89	SUNY-ALBANY	18,475
33	WISCONSIN	50,274	90	FLORIDA STATE	18,079
34	NEW YORK	49,915	91	RUTGERS	16,809
35	ARIZONA	49,141	92	BOSTON	15,879
36	BROWN	48,283	93	NEBRASKA	15,732
37	WASHINGTON	47,912	94	HAWAII	15,248
38	EMORY	46,647	95	CALIFORNIA, SANTA BARBARA	14,533
39	GEORGIA	45,311	96	GUELPH	13,400
40	ALBERTA	45,260	97	NEW MEXICO	12,050
41	WATERLOO	41,945	98	SASKATCHEWAN	11,963
42	CALIFORNIA, RIVERSIDE	39,736	99	CASE WESTERN RESERVE	11,764
43	OTTAWA	39,611	100	PURDUE	11,233
44	YORK	38,670	101	SOUTH CAROLINA	11,173
45	KANSAS	38,095	102	WAYNE STATE	9,652
46	GEORGETOWN	37,846	103	KENT STATE	9,568
47	MARYLAND	37,532	104	GEORGIA TECH	8,974
48	TEMPLE	37,501	105	LOUISIANA STATE	7,719
49	BRITISH COLUMBIA	37,412	106	SUNY-STONY BROOK	5,903
50	MIAMI	37,324	107	AUBURN	5,714
51	MINNESOTA	36,209	108	MASSACHUSETTS	3,276
52	CALIFORNIA, LOS ANGELES	35,944	109	HOWARD	2,819
53	LAVAL	35,867		CALIFORNIA, BERKELEY	.
54	SOUTHERN ILLINOIS	35,257		CORNELL	.
55	TEXAS TECH	34,859		NOTRE DAME	.
56	RICE	34,312		PENNSYLVANIA	.
57	LOUISVILLE	34,181		PITTSBURGH	.
				UTAH	.

## RANK ORDER TABLE 12: EXPENDITURES FOR MONOGRAPHS

	Value		Value
1	12,505,270	58	1,939,203
2	10,314,902	59	1,914,951
3	9,392,687	60	1,909,943
4	8,152,688	61	1,909,030
5	7,036,856	62	1,878,688
6	6,912,851	63	1,837,091
7	6,419,036	64	1,836,923
8	6,358,223	65	1,686,393
9	6,134,150	66	1,647,643
10	5,685,927	67	1,642,931
11	5,584,870	68	1,611,417
12	5,294,887	69	1,585,764
13	5,178,933	70	1,520,641
14	4,837,420	71	1,501,991
15	4,794,203	72	1,451,748
16	4,719,841	73	1,433,214
17	4,650,822	74	1,417,273
18	4,539,267	75	1,407,982
19	4,108,621	76	1,399,669
20	4,090,240	77	1,378,226
21	3,941,790	78	1,375,825
22	3,898,222	79	1,343,871
23	3,662,594	80	1,318,616
24	3,498,093	81	1,291,401
25	3,297,206	82	1,289,142
26	3,292,816	83	1,288,735
27	3,245,756	84	1,279,859
28	3,165,357	85	1,255,375
29	3,121,976	86	1,251,218
30	3,109,610	87	1,248,560
31	3,027,547	88	1,241,977
32	2,936,167	89	1,192,925
33	2,893,269	90	1,189,758
34	2,822,043	91	1,164,012
35	2,750,313	92	1,150,024
36	2,747,223	93	1,081,535
37	2,716,264	94	1,074,840
38	2,639,970	95	1,068,921
39	2,629,850	96	1,065,085
40	2,461,377	97	1,000,632
41	2,421,181	98	943,224
42	2,420,097	99	902,004
43	2,356,517	100	874,822
44	2,330,580	101	871,696
45	2,278,899	102	871,411
46	2,245,098	103	854,096
47	2,239,671	104	777,629
48	2,206,410	105	706,526
49	2,195,301	106	674,196
50	2,148,342	107	568,370
51	2,132,216	108	459,493
52	2,076,377	109	426,892
53	2,073,368	110	412,984
54	2,025,226	111	329,159
55	1,998,624	112	236,718
56	1,990,454	113	217,714
57	1,945,875	114	189,034
		115	155,199



### RANK ORDER TABLE 13: CURRENT SERIALS PURCHASED (TITLES)

	Value		Value	
1	HARVARD	149,064	58 BOSTON	53,925
2	YALE	124,001	59 BRIGHAM YOUNG	53,520
3	COLUMBIA	118,567	60 NORTH CAROLINA	53,088
4	ILLINOIS, URBANA	110,911	61 CONNECTICUT	52,277
5	LOUISIANA STATE	107,366	62 TEMPLE	52,161
6	ALBERTA	97,975	63 RICE	52,108
7	BRITISH COLUMBIA	97,729	64 CALIFORNIA, IRVINE	52,056
8	MONTREAL	95,013	65 SUNY-ALBANY	51,804
9	CINCINNATI	91,063	66 ALABAMA	51,136
10	SOUTHERN CALIFORNIA	86,758	67 LAVAL	50,783
11	NEW YORK	86,068	68 GUELPH	50,706
12	ARIZONA	85,874	69 VIRGINIA	50,583
13	TORONTO	84,363	70 BROWN	49,107
14	GEORGE WASHINGTON	79,698	71 KENTUCKY	49,069
15	MICHIGAN STATE	79,026	72 HOUSTON	48,471
16	CASE WESTERN RESERVE	78,184	73 OKLAHOMA STATE	48,211
17	INDIANA	78,091	74 RUTGERS	47,968
18	PITTSBURGH	76,513	75 CALIFORNIA, SAN DIEGO	47,560
19	MINNESOTA	76,211	76 CALIFORNIA, DAVIS	46,413
20	OHIO STATE	75,963	77 COLORADO	46,379
21	YORK	74,688	78 HAWAII	44,429
22	FLORIDA	74,674	79 MCMASTER	44,144
23	GEORGETOWN	74,044	80 ILLINOIS, CHICAGO	43,530
24	DUKE	74,013	81 CALIFORNIA, LOS ANGELES	43,277
25	ARIZONA STATE	73,977	82 MANITOBA	43,080
26	MIAMI	73,867	83 SOUTHERN ILLINOIS	42,312
27	TEXAS A&M	73,661	84 PURDUE	42,178
28	OKLAHOMA	73,362	85 WASHINGTON	42,132
29	PENNSYLVANIA STATE	70,713	86 WAYNE STATE	41,821
30	PENNSYLVANIA	70,472	87 UTAH	41,543
31	TEXAS	70,271	88 TENNESSEE	41,452
32	WESTERN ONTARIO	70,190	89 VANDERBILT	39,605
33	QUEEN'S	69,790	90 MIT	39,231
34	CHICAGO	69,500	91 MASSACHUSETTS	38,468
35	CALIFORNIA, BERKELEY	68,352	92 CALIFORNIA, SANTA BARBARA	37,935
36	NOTRE DAME	68,347	93 SYRACUSE	37,182
37	TEXAS TECH	67,487	94 OREGON	36,585
38	EMORY	66,992	95 CALGARY	36,193
39	NORTHWESTERN	65,681	96 OTTAWA	34,468
40	MCGILL	65,107	97 ROCHESTER	33,611
41	WASHINGTON U.-ST. LOUIS	64,955	98 SASKATCHEWAN	33,580
42	JOHNS HOPKINS	64,664	99 NEBRASKA	33,509
43	WISCONSIN	64,421	100 NORTH CAROLINA STATE	32,198
44	SUNY-BUFFALO	62,163	101 OHIO	31,079
45	NEW MEXICO	61,919	102 MISSOURI	27,784
46	KANSAS	61,136	103 MARYLAND	27,598
47	DARTMOUTH	61,081	104 DELAWARE	25,267
48	SUNY-STONY BROOK	60,532	105 AUBURN	25,113
49	GEORGIA	60,250	106 COLORADO STATE	25,086
50	IOWA STATE	59,467	107 BOSTON COLLEGE	20,900
51	TULANE	59,415	108 WATERLOO	20,092
52	PRINCETON	57,862	109 HOWARD	15,177
53	KENT STATE	57,817	110 VIRGINIA TECH	14,133
54	FLORIDA STATE	57,737	111 SOUTH CAROLINA	11,032
55	CALIFORNIA, RIVERSIDE	56,619	112 GEORGIA TECH	10,286
56	IOWA	54,813	CORNELL	.
57	LOUISVILLE	54,360	MICHIGAN	.
			WASHINGTON STATE	.

## RANK ORDER TABLE 14: EXPENDITURES FOR CURRENT SERIALS

	Value		Value		
1	HARVARD	15,287,926	58	QUEEN'S	7,204,235
2	COLUMBIA	15,058,406	59	ROCHESTER	7,126,849
3	MICHIGAN	14,734,909	60	CINCINNATI	7,124,921
4	TEXAS A&M	13,005,181	61	EMORY	7,084,091
5	PENNSYLVANIA STATE	12,678,349	62	OTTAWA	7,068,832
6	MINNESOTA	12,294,688	63	ILLINOIS, CHICAGO	7,051,135
7	NEW YORK	11,801,889	64	SOUTH CAROLINA	6,989,019
8	CHICAGO	11,785,341	65	HOUSTON	6,969,692
9	ALBERTA	11,769,597	66	NOTRE DAME	6,952,138
10	BRITISH COLUMBIA	11,429,331	67	TULANE	6,944,106
11	IOWA	11,098,536	68	SUNY-BUFFALO	6,920,542
12	BRIGHAM YOUNG	11,022,627	69	WASHINGTON U.-ST. LOUIS	6,917,777
13	PRINCETON	10,949,909	70	MIT	6,797,333
14	ILLINOIS, URBANA	10,949,304	71	NORTH CAROLINA STATE	6,752,143
15	JOHNS HOPKINS	10,852,309	72	RICE	6,600,025
16	WASHINGTON	10,820,375	73	WISCONSIN	6,541,217
17	CALIFORNIA, BERKELEY	10,807,860	74	IOWA STATE	6,521,144
18	PENNSYLVANIA	10,771,775	75	HAWAII	6,512,647
19	MIAMI	10,609,714	76	MANITOBA	6,429,119
20	TEXAS	10,463,224	77	KANSAS	6,410,593
21	DUKE	10,262,769	78	CALIFORNIA, SAN DIEGO	6,392,001
22	NORTH CAROLINA	10,213,902	79	WAYNE STATE	6,368,917
23	PITTSBURGH	9,960,325	80	TEMPLE	6,249,158
24	FLORIDA	9,883,966	81	SYRACUSE	6,210,360
25	SOUTHERN CALIFORNIA	9,722,160	82	CALIFORNIA, DAVIS	6,206,108
26	MONTREAL	9,651,314	83	MCMASTER	6,201,069
27	VANDERBILT	9,522,503	84	DELAWARE	6,121,688
28	MCGILL	9,189,693	85	LAVAL	6,117,698
29	TEXAS TECH	9,001,257	86	BROWN	5,930,620
30	OKLAHOMA	8,971,589	87	ALABAMA	5,926,273
31	MICHIGAN STATE	8,877,251	88	CASE WESTERN RESERVE	5,923,352
32	NORTHWESTERN	8,864,104	89	SUNY-STONY BROOK	5,893,269
33	TENNESSEE	8,861,912	90	NEBRASKA	5,833,802
34	WESTERN ONTARIO	8,718,273	91	TORONTO	5,673,099
35	ARIZONA	8,657,606	92	MARYLAND	5,562,848
36	PURDUE	8,620,570	93	BOSTON COLLEGE	5,503,074
37	ARIZONA STATE	8,532,089	94	SOUTHERN ILLINOIS	5,494,272
38	OHIO STATE	8,490,071	95	AUBURN	5,354,311
39	GEORGIA	8,175,631	96	NEW MEXICO	5,339,479
40	RUTGERS	8,145,909	97	COLORADO STATE	5,325,586
41	GEORGETOWN	8,116,765	98	MASSACHUSETTS	5,321,844
42	BOSTON	8,073,250	99	UTAH	5,318,219
43	LOUISVILLE	7,924,677	100	VIRGINIA TECH	5,256,600
44	CONNECTICUT	7,757,870	101	LOUISIANA STATE	5,135,762
45	MISSOURI	7,739,495	102	FLORIDA STATE	5,111,473
46	INDIANA	7,734,716	103	WATERLOO	5,097,712
47	CALGARY	7,707,617	104	WASHINGTON STATE	5,007,097
48	VIRGINIA	7,673,326	105	YALE	4,871,668
49	SASKATCHEWAN	7,656,142	106	OKLAHOMA STATE	4,577,921
50	COLORADO	7,442,358	107	GEORGIA TECH	4,308,769
51	CORNELL	7,409,351	108	SUNY-ALBANY	4,201,389
52	CALIFORNIA, LOS ANGELES	7,370,444	109	CALIFORNIA, RIVERSIDE	3,965,941
53	DARTMOUTH	7,368,641	110	OREGON	3,910,822
54	YORK	7,272,915	111	OHIO	3,835,985
55	KENTUCKY	7,251,684	112	CALIFORNIA, SANTA BARBARA	3,794,768
56	GEORGE WASHINGTON	7,235,066	113	GUELPH	3,744,397
57	CALIFORNIA, IRVINE	7,209,318	114	KENT STATE	3,388,604
			115	HOWARD	2,885,795



## RANK ORDER TABLE 15: TOTAL ITEMS LOANED (ILL/DD)

	Value		Value		
1	MINNESOTA	185,759	58	UTAH	33,189
2	OHIO STATE	151,835	59	TENNESSEE	33,048
3	ILLINOIS, URBANA	88,073	60	SUNY-BUFFALO	32,793
4	COLORADO STATE	84,164	61	CALIFORNIA, BERKELEY	32,402
5	PENNSYLVANIA	79,786	62	BROWN	32,316
6	OREGON	76,731	63	EMORY	31,686
7	WISCONSIN	73,472	64	NEW MEXICO	29,505
8	ILLINOIS, CHICAGO	70,424	65	GEORGE WASHINGTON	28,999
9	PITTSBURGH	69,144	66	KENTUCKY	28,940
10	COLORADO	67,846	67	SOUTHERN CALIFORNIA	28,901
11	PENNSYLVANIA STATE	66,855	68	VANDERBILT	28,790
12	WASHINGTON	66,319	69	NOTRE DAME	28,757
13	NORTH CAROLINA	66,218	70	CONNECTICUT	28,565
14	TEXAS A&M	66,200	71	NEBRASKA	27,828
15	OKLAHOMA	64,604	72	PURDUE	27,720
16	MICHIGAN STATE	64,006	73	BRITISH COLUMBIA	27,140
17	TEXAS	62,922	74	FLORIDA	26,709
18	MICHIGAN	61,891	75	BOSTON COLLEGE	26,459
19	WASHINGTON U.-ST. LOUIS	61,359	76	TEMPLE	26,299
20	COLUMBIA	59,753	77	HOUSTON	26,207
21	YALE	59,500	78	MASSACHUSETTS	25,670
22	CHICAGO	58,916	79	MARYLAND	24,443
23	MISSOURI	58,782	80	LOUISVILLE	24,206
24	CALIFORNIA, LOS ANGELES	57,465	81	CALIFORNIA, IRVINE	23,135
25	WASHINGTON STATE	55,870	82	MONTREAL	22,464
26	CINCINNATI	55,225	83	NEW YORK	22,413
27	IOWA	53,929	84	NORTH CAROLINA STATE	21,772
28	OHIO	53,677	85	SUNY-STONY BROOK	21,379
29	WAYNE STATE	53,337	86	ROCHESTER	20,579
30	CORNELL	52,649	87	FLORIDA STATE	20,214
31	BRIGHAM YOUNG	52,494	88	LAVAL	19,282
32	KANSAS	52,084	89	ALABAMA	19,185
33	CASE WESTERN RESERVE	52,069	90	QUEEN'S	18,644
34	ARIZONA	51,434	91	VIRGINIA TECH	18,466
35	PRINCETON	49,098	92	LOUISIANA STATE	18,012
36	ARIZONA STATE	48,044	93	MANITOBA	17,840
37	DARTMOUTH	47,423	94	MCGILL	17,808
38	ALBERTA	46,375	95	SOUTH CAROLINA	17,680
39	INDIANA	45,285	96	DELAWARE	17,612
40	SOUTHERN ILLINOIS	43,901	97	CALIFORNIA, RIVERSIDE	17,430
41	RUTGERS	43,153	98	CALGARY	17,157
42	TEXAS TECH	42,797	99	MIT	17,081
43	WATERLOO	41,410	100	OTTAWA	17,051
44	JOHNS HOPKINS	40,925	101	TULANE	16,285
45	GUELPH	39,799	102	BOSTON	15,754
46	GEORGETOWN	39,125	103	SYRACUSE	15,674
47	NORTHWESTERN	38,246	104	GEORGIA TECH	15,665
48	DUKE	37,190	105	CALIFORNIA, SANTA BARBARA	15,606
49	CALIFORNIA, SAN DIEGO	36,984	106	AUBURN	15,440
50	GEORGIA	36,395	107	SUNY-ALBANY	15,401
51	CALIFORNIA, DAVIS	35,289	108	SASKATCHEWAN	15,045
52	OKLAHOMA STATE	35,187	109	YORK	14,936
53	MIAMI	34,438	110	RICE	14,748
54	VIRGINIA	34,033	111	MCMASTER	13,859
55	TORONTO	33,470	112	KENT STATE	13,471
56	HARVARD	33,443	113	WESTERN ONTARIO	12,825
57	IOWA STATE	33,300	114	HAWAII	7,707
			115	HOWARD	4,958

## RANK ORDER TABLE 16: TOTAL ITEMS BORROWED (ILL/DD)

	Value		Value	
1	OHIO STATE	98,556	58 MASSACHUSETTS	27,798
2	WISCONSIN	90,765	59 DUKE	27,749
3	PENNSYLVANIA	86,893	60 TEMPLE	27,640
4	ILLINOIS, URBANA	79,921	61 SUNY-ALBANY	27,325
5	WASHINGTON	71,503	62 PITTSBURGH	26,869
6	OHIO	64,467	63 SUNY-BUFFALO	26,530
7	TEXAS A&M	62,153	64 DELAWARE	26,201
8	COLORADO STATE	61,604	65 ROCHESTER	26,088
9	GEORGE WASHINGTON	61,053	66 TEXAS	25,536
10	ARIZONA	58,580	67 KENTUCKY	25,344
11	OREGON	57,588	68 MANITOBA	24,687
12	ILLINOIS, CHICAGO	56,122	69 NORTH CAROLINA	24,017
13	WASHINGTON U.-ST. LOUIS	55,787	70 BOSTON COLLEGE	23,678
14	MICHIGAN	55,086	71 NORTH CAROLINA STATE	23,453
15	PENNSYLVANIA STATE	54,691	72 VANDERBILT	23,311
16	COLUMBIA	54,077	73 CALGARY	23,234
17	CONNECTICUT	53,505	74 OKLAHOMA STATE	23,185
18	INDIANA	50,047	75 CALIFORNIA, IRVINE	22,846
19	YALE	49,684	76 CALIFORNIA, BERKELEY	22,569
20	MISSOURI	43,369	77 MIT	21,643
21	CINCINNATI	42,832	78 CALIFORNIA, DAVIS	21,124
22	COLORADO	42,519	79 TENNESSEE	20,598
23	NEW YORK	42,020	80 MONTREAL	20,156
24	GEORGETOWN	41,041	81 VIRGINIA TECH	20,100
25	CORNELL	40,580	82 CHICAGO	20,095
26	WATERLOO	40,579	83 SOUTHERN CALIFORNIA	20,052
27	KANSAS	40,576	84 CALIFORNIA, RIVERSIDE	19,560
28	WASHINGTON STATE	40,399	85 SYRACUSE	19,486
29	ARIZONA STATE	39,846	86 SASKATCHEWAN	18,735
30	OKLAHOMA	39,657	87 FLORIDA	17,696
31	JOHNS HOPKINS	39,352	88 IOWA STATE	17,114
32	BROWN	39,027	89 HOUSTON	16,758
33	WAYNE STATE	38,508	90 SOUTH CAROLINA	16,738
34	MINNESOTA	37,884	91 ALBERTA	15,971
35	PURDUE	37,617	92 EMORY	15,952
36	RUTGERS	37,473	93 BRITISH COLUMBIA	15,907
37	SOUTHERN ILLINOIS	37,130	94 LOUISIANA STATE	15,275
38	CALIFORNIA, LOS ANGELES	36,899	95 MCMASTER	15,086
39	PRINCETON	36,794	96 MIAMI	13,969
40	GUELPH	35,373	97 FLORIDA STATE	13,139
41	MARYLAND	34,394	98 MCGILL	12,822
42	LOUISVILLE	33,901	99 ALABAMA	12,411
43	IOWA	33,195	100 HARVARD	12,355
44	NEW MEXICO	32,558	101 SUNY-STONY BROOK	12,304
45	VIRGINIA	32,554	102 WESTERN ONTARIO	12,217
46	CALIFORNIA, SANTA BARBARA	32,550	103 AUBURN	12,114
47	UTAH	31,455	104 RICE	11,837
48	CASE WESTERN RESERVE	31,224	105 TULANE	11,589
49	MICHIGAN STATE	30,810	106 OTTAWA	11,445
50	CALIFORNIA, SAN DIEGO	29,847	107 GEORGIA TECH	11,348
51	NEBRASKA	29,358	108 TORONTO	10,949
52	TEXAS TECH	29,230	109 BOSTON	10,760
53	NOTRE DAME	28,770	110 LAVAL	8,538
54	DARTMOUTH	28,663	111 QUEEN'S	7,930
55	BRIGHAM YOUNG	28,282	112 GEORGIA	6,976
56	NORTHWESTERN	28,243	113 KENT STATE	6,889
57	HAWAII	27,943	114 YORK	5,786
			115 HOWARD	4,254

## RANK ORDER TABLE 17: PROFESSIONAL STAFF (FTE)

	Value		Value		
1	HARVARD	524	58	ARIZONA STATE	83
2	COLUMBIA	308	58	KENTUCKY	83
3	CALIFORNIA, BERKELEY	238	60	GEORGE WASHINGTON	81
3	YALE	238	61	BROWN	78
5	WISCONSIN	228	61	MICHIGAN STATE	78
6	MICHIGAN	223	61	UTAH	78
7	ILLINOIS, URBANA	194	64	ALABAMA	77
8	CORNELL	191	65	BOSTON COLLEGE	75
9	WASHINGTON	182	65	TEMPLE	75
10	DUKE	178	67	GEORGIA	74
11	OHIO STATE	173	67	OREGON	74
12	TORONTO	172	69	SYRACUSE	73
13	PENNSYLVANIA STATE	171	69	WESTERN ONTARIO	73
14	NEW YORK	169	71	MCGILL	72
15	INDIANA	165	71	SUNY-ALBANY	72
16	CALIFORNIA, LOS ANGELES	162	73	CALGARY	70
17	NORTH CAROLINA	153	73	CHICAGO	70
18	TEXAS A&M	152	73	ILLINOIS, CHICAGO	70
19	PRINCETON	140	73	NEW MEXICO	70
19	TEXAS	140	77	OKLAHOMA STATE	68
21	SOUTHERN CALIFORNIA	133	77	PURDUE	68
22	NORTH CAROLINA STATE	131	77	SOUTH CAROLINA	68
23	PENNSYLVANIA	128	80	FLORIDA STATE	65
24	BRITISH COLUMBIA	126	80	MANITOBA	65
25	BRIGHAM YOUNG	122	82	LAVAL	63
25	NORTHWESTERN	122	83	CASE WESTERN RESERVE	61
27	PITTSBURGH	118	83	HOUSTON	61
28	MINNESOTA	115	85	CALIFORNIA, IRVINE	60
29	JOHNS HOPKINS	114	85	OKLAHOMA	60
30	MARYLAND	113	85	YORK	60
31	WAYNE STATE	110	88	DELAWARE	59
32	MONTREAL	109	88	MASSACHUSETTS	59
33	CALIFORNIA, SAN DIEGO	108	90	DARTMOUTH	56
33	KANSAS	108	90	RICE	56
35	FLORIDA	106	92	CALIFORNIA, DAVIS	55
36	TEXAS TECH	105	92	MISSOURI	55
37	SUNY-BUFFALO	102	94	COLORADO	54
38	VIRGINIA	101	94	MCMASTER	54
39	BOSTON	100	96	NEBRASKA	53
40	KENT STATE	99	97	IOWA STATE	52
41	ARIZONA	98	98	GUELPH	50
41	WASHINGTON U.-ST. LOUIS	98	98	LOUISIANA STATE	50
43	IOWA	97	98	LOUISVILLE	50
44	GEORGETOWN	96	98	SASKATCHEWAN	50
44	ROCHESTER	96	98	SOUTHERN ILLINOIS	50
46	MIT	95	103	GEORGIA TECH	48
47	HAWAII	94	103	TULANE	48
47	VANDERBILT	94	103	WASHINGTON STATE	48
49	RUTGERS	92	106	AUBURN	47
50	ALBERTA	88	106	OHIO	47
50	CONNECTICUT	88	106	OTTAWA	47
50	EMORY	88	109	CALIFORNIA, SANTA BARBARA	46
53	TENNESSEE	87	110	COLORADO STATE	42
54	MIAMI	86	110	QUEEN'S	42
54	SUNY-STONY BROOK	86	112	CALIFORNIA, RIVERSIDE	41
56	CINCINNATI	85	113	VIRGINIA TECH	39
56	NOTRE DAME	85	114	WATERLOO	36
			115	HOWARD	29

## RANK ORDER TABLE 18: SUPPORT STAFF (FTE)

	Value		Value		
1	HARVARD	414	58	KANSAS	107
2	PENNSYLVANIA STATE	358	59	FLORIDA STATE	106
3	MICHIGAN	346	59	KENTUCKY	106
4	TORONTO	329	61	GEORGE WASHINGTON	104
5	YALE	308	61	PURDUE	104
6	TEXAS	275	61	WESTERN ONTARIO	104
7	CALIFORNIA, LOS ANGELES	252	64	MISSOURI	102
8	MONTREAL	238	64	SOUTH CAROLINA	102
9	RUTGERS	233	64	WASHINGTON U.-ST. LOUIS	102
10	ALBERTA	209	67	YORK	101
11	NORTH CAROLINA	208	68	VANDERBILT	99
12	COLUMBIA	206	69	NEBRASKA	98
13	PRINCETON	204	69	NORTH CAROLINA STATE	98
13	VIRGINIA	204	71	BOSTON	97
15	FLORIDA	199	72	QUEEN'S	96
16	ILLINOIS, URBANA	198	73	SYRACUSE	92
16	NEW YORK	198	74	LOUISVILLE	91
18	MINNESOTA	194	74	OKLAHOMA	91
19	CALIFORNIA, SAN DIEGO	189	74	SOUTHERN ILLINOIS	91
20	CORNELL	185	77	DELAWARE	90
21	BRITISH COLUMBIA	181	78	ILLINOIS, CHICAGO	89
22	CALIFORNIA, BERKELEY	176	79	WATERLOO	88
22	INDIANA	176	80	TEMPLE	87
24	WASHINGTON	174	81	IOWA STATE	86
25	CHICAGO	173	82	SASKATCHEWAN	85
26	PENNSYLVANIA	169	83	BROWN	84
27	GEORGIA	161	83	MARYLAND	84
28	UTAH	157	83	TULANE	84
29	PITTSBURGH	155	86	OREGON	83
30	LAVAL	150	87	WAYNE STATE	82
31	CALGARY	147	88	VIRGINIA TECH	81
32	SOUTHERN CALIFORNIA	145	89	ALABAMA	79
33	ARIZONA STATE	144	89	MIT	79
33	WISCONSIN	144	91	HAWAII	77
35	MCGILL	142	92	HOUSTON	76
36	NOTRE DAME	141	92	MCMASTER	76
37	OHIO STATE	140	94	WASHINGTON STATE	75
38	TEXAS TECH	139	95	MASSACHUSETTS	74
39	NORTHWESTERN	137	96	LOUISIANA STATE	70
40	MANITOBA	130	97	OKLAHOMA STATE	69
41	JOHNS HOPKINS	128	98	GEORGIA TECH	67
42	TEXAS A&M	126	99	GUELPH	66
43	EMORY	124	100	BOSTON COLLEGE	65
44	DUKE	120	101	CALIFORNIA, RIVERSIDE	62
45	CALIFORNIA, SANTA BARBARA	118	102	OHIO	61
45	MICHIGAN STATE	118	103	ROCHESTER	60
47	CALIFORNIA, DAVIS	116	104	SUNY-BUFFALO	58
47	OTTAWA	116	105	BRIGHAM YOUNG	56
47	TENNESSEE	116	106	CONNECTICUT	55
50	GEORGETOWN	115	107	HOWARD	53
50	MIAMI	115	108	COLORADO STATE	52
52	ARIZONA	111	109	CINCINNATI	50
52	COLORADO	111	110	RICE	49
52	DARTMOUTH	111	110	SUNY-ALBANY	49
55	CALIFORNIA, IRVINE	110	112	CASE WESTERN RESERVE	44
55	IOWA	110	113	AUBURN	40
57	NEW MEXICO	108	114	KENT STATE	32
			115	SUNY-STONY BROOK	25

## RANK ORDER TABLE 19: TOTAL STAFF (FTE)

	Value		Value		
1	HARVARD	1,089	58	CALGARY	240
2	MICHIGAN	719	59	HAWAII	237
3	TORONTO	641	60	MCGILL	229
4	YALE	621	61	NEW MEXICO	228
5	COLUMBIA	620	62	OKLAHOMA	226
6	PENNSYLVANIA STATE	589	62	PURDUE	226
7	WISCONSIN	581	64	VANDERBILT	222
8	CALIFORNIA, BERKELEY	543	65	COLORADO	217
9	CALIFORNIA, LOS ANGELES	534	66	MANITOBA	216
10	TEXAS	533	66	YORK	216
11	ILLINOIS, URBANA	508	68	OREGON	215
12	CORNELL	486	69	LAVAL	214
13	INDIANA	482	70	OKLAHOMA STATE	211
14	WASHINGTON	472	71	ALABAMA	210
15	NEW YORK	470	72	ROCHESTER	209
16	NORTH CAROLINA	455	73	TEMPLE	207
16	OHIO STATE	455	74	CALIFORNIA, IRVINE	206
18	FLORIDA	416	75	SUNY-BUFFALO	204
19	PRINCETON	401	76	CALIFORNIA, DAVIS	200
20	RUTGERS	400	77	CALIFORNIA, SANTA BARBARA	199
21	BRIGHAM YOUNG	395	78	DARTMOUTH	195
22	PENNSYLVANIA	390	79	CONNECTICUT	193
23	MINNESOTA	386	80	MISSOURI	192
24	SOUTHERN CALIFORNIA	368	80	WESTERN ONTARIO	192
25	CALIFORNIA, SAN DIEGO	359	82	MASSACHUSETTS	191
26	TEXAS A&M	355	82	NEBRASKA	191
27	BRITISH COLUMBIA	352	82	SYRACUSE	191
27	VIRGINIA	352	85	MIT	190
29	MONTREAL	351	86	SOUTHERN ILLINOIS	189
30	DUKE	347	87	CINCINNATI	187
31	NORTHWESTERN	341	87	TULANE	187
32	TEXAS TECH	333	89	BROWN	184
33	PITTSBURGH	330	89	HOUSTON	184
34	ALBERTA	324	91	BOSTON COLLEGE	181
35	UTAH	312	92	DELAWARE	180
36	CHICAGO	306	92	ILLINOIS, CHICAGO	180
37	ARIZONA STATE	305	94	HOWARD	179
38	ARIZONA	289	95	LOUISVILLE	176
39	FLORIDA STATE	288	96	OTTAWA	175
40	KANSAS	287	97	IOWA STATE	163
41	JOHNS HOPKINS	279	98	LOUISIANA STATE	159
42	BOSTON	276	98	MCMASTER	159
43	SOUTH CAROLINA	269	100	QUEEN'S	158
44	GEORGIA	267	101	KENT STATE	154
45	MICHIGAN STATE	265	101	VIRGINIA TECH	154
46	NORTH CAROLINA STATE	263	101	WASHINGTON STATE	154
47	IOWA	260	101	WATERLOO	154
47	NOTRE DAME	260	105	OHIO	149
47	WAYNE STATE	260	105	SUNY-ALBANY	149
50	GEORGETOWN	258	107	SASKATCHEWAN	144
51	MIAMI	257	108	SUNY-STONY BROOK	140
52	EMORY	256	109	CASE WESTERN RESERVE	137
52	GEORGE WASHINGTON	256	110	GUELPH	130
54	WASHINGTON U.-ST. LOUIS	250	111	COLORADO STATE	123
55	MARYLAND	246	112	GEORGIA TECH	122
56	KENTUCKY	245	113	CALIFORNIA, RIVERSIDE	121
57	TENNESSEE	244	114	AUBURN	116
			114	RICE	116

## RANK ORDER TABLE 20: EXPENDITURES FOR ELECTRONIC RESOURCES

	Value		Value		
1	TORONTO	16,612,793	58	RUTGERS	6,643,653
2	ALBERTA	13,836,448	59	FLORIDA STATE	6,642,481
3	COLUMBIA	13,183,416	60	YORK	6,590,969
4	NEW YORK	12,112,955	61	TEXAS TECH	6,581,682
5	JOHNS HOPKINS	11,573,029	62	NOTRE DAME	6,536,585
6	PENNSYLVANIA STATE	11,404,651	63	DARTMOUTH	6,532,195
7	TEXAS A&M	11,398,282	64	NORTH CAROLINA STATE	6,498,532
8	PITTSBURGH	10,997,730	65	BOSTON	6,428,024
9	SOUTHERN CALIFORNIA	10,790,439	66	SOUTH CAROLINA	6,377,214
10	PRINCETON	10,487,102	67	GEORGIA	6,230,192
11	CHICAGO	10,113,547	68	DELAWARE	6,069,094
12	MINNESOTA	9,797,966	69	CALIFORNIA, IRVINE	6,038,425
13	BRITISH COLUMBIA	9,485,276	70	GEORGE WASHINGTON	6,006,145
14	MICHIGAN STATE	9,478,698	71	QUEEN'S	5,967,600
15	MONTREAL	9,471,591	72	BOSTON COLLEGE	5,944,207
16	MICHIGAN	9,449,818	73	CINCINNATI	5,933,480
17	MIAMI	9,407,415	74	VIRGINIA	5,893,290
18	HARVARD	9,335,310	75	MCMASTER	5,839,269
19	BRIGHAM YOUNG	9,317,928	76	BROWN	5,827,058
20	MCGILL	9,261,375	77	TULANE	5,819,015
21	FLORIDA	8,694,125	78	SUNY-BUFFALO	5,781,184
22	NORTHWESTERN	8,621,986	79	SASKATCHEWAN	5,728,897
23	WASHINGTON	8,581,484	80	VIRGINIA TECH	5,719,374
24	ARIZONA	8,555,435	81	COLORADO STATE	5,696,173
25	PENNSYLVANIA	8,476,775	82	CALIFORNIA, SAN DIEGO	5,661,298
26	VANDERBILT	8,440,778	83	GEORGETOWN	5,576,782
27	DUKE	8,382,329	84	OKLAHOMA	5,440,310
28	TEMPLE	8,341,920	85	SYRACUSE	5,357,174
29	YALE	8,299,701	86	CALIFORNIA, LOS ANGELES	5,249,638
30	CORNELL	8,256,470	87	ALABAMA	5,094,382
31	IOWA	8,239,018	88	OTTAWA	5,091,365
32	TENNESSEE	8,155,084	89	AUBURN	5,053,519
33	ILLINOIS, URBANA	7,908,799	90	NEW MEXICO	4,990,803
34	MARYLAND	7,841,029	91	GEORGIA TECH	4,820,725
35	PURDUE	7,823,386	92	HAWAII	4,804,177
36	CALGARY	7,796,695	93	MANITOBA	4,798,756
37	ILLINOIS, CHICAGO	7,757,472	94	LOUISVILLE	4,695,010
38	ARIZONA STATE	7,726,514	95	RICE	4,672,788
39	WESTERN ONTARIO	7,714,777	96	WASHINGTON STATE	4,642,688
40	IOWA STATE	7,678,477	97	CALIFORNIA, DAVIS	4,611,119
41	WAYNE STATE	7,653,024	98	NEBRASKA	4,594,985
42	CALIFORNIA, BERKELEY	7,648,665	99	ROCHESTER	4,569,826
43	INDIANA	7,623,775	100	MASSACHUSETTS	4,560,800
44	CONNECTICUT	7,494,542	101	WATERLOO	4,320,060
45	OHIO STATE	7,191,692	102	SUNY-STONY BROOK	4,232,424
46	WASHINGTON U.-ST. LOUIS	7,163,364	103	UTAH	4,211,531
47	COLORADO	7,129,688	104	GUELPH	4,164,829
48	TEXAS	7,120,110	105	LOUISIANA STATE	4,142,185
49	WISCONSIN	7,081,468	106	SOUTHERN ILLINOIS	4,124,280
50	MIT	7,065,482	107	CASE WESTERN RESERVE	3,943,642
51	NORTH CAROLINA	7,046,460	108	OHIO	3,516,151
52	LAVAL	7,042,047	109	CALIFORNIA, RIVERSIDE	3,428,635
53	HOUSTON	6,931,778	110	CALIFORNIA, SANTA BARBARA	3,307,067
54	EMORY	6,927,350	111	OREGON	3,056,027
55	MISSOURI	6,888,432	112	KENT STATE	2,997,174
56	KENTUCKY	6,867,494	113	HOWARD	2,202,331
57	KANSAS	6,735,103	114	SUNY-ALBANY	1,722,116
				OKLAHOMA STATE	.

## RANK ORDER TABLE 21: ELECTRONIC RESOURCES AS A PERCENTAGE OF TOTAL LIBRARY MATERIALS

	Value		Value		
1	ILLINOIS, CHICAGO	94.48	58	UTAH	62.60
2	AUBURN	89.90	59	LAVAL	62.58
3	WAYNE STATE	88.98	60	COLORADO	62.43
4	IOWA STATE	84.58	61	BOSTON COLLEGE	62.38
5	GEORGIA TECH	83.82	62	CALIFORNIA, IRVINE	62.16
6	COLORADO STATE	81.13	63	TULANE	62.03
7	MONTREAL	80.19	64	TEXAS A&M	61.80
8	JOHNS HOPKINS	79.44	65	CALIFORNIA, DAVIS	61.79
9	MIT	78.50	66	TORONTO	61.60
10	WASHINGTON STATE	78.22	67	WISCONSIN	61.46
11	FLORIDA STATE	75.92	68	WATERLOO	61.26
12	MASSACHUSETTS	75.18	69	SASKATCHEWAN	60.77
13	VANDERBILT	74.62	70	OHIO STATE	60.16
14	MARYLAND	73.44	71	BROWN	60.06
15	LOUISIANA STATE	72.90	72	ARIZONA	59.47
16	CONNECTICUT	72.66	73	GEORGIA	59.39
17	FLORIDA	72.42	74	CALIFORNIA, SAN DIEGO	59.29
18	SOUTH CAROLINA	71.80	75	NEW YORK	59.20
19	ARIZONA STATE	71.51	76	BRITISH COLUMBIA	58.76
20	ALBERTA	71.15	77	WASHINGTON U.-ST. LOUIS	58.36
21	MICHIGAN STATE	70.70	78	SOUTHERN ILLINOIS	58.16
22	MISSOURI	70.64	79	CINCINNATI	57.83
23	KANSAS	70.62	80	WASHINGTON	57.82
24	PITTSBURGH	70.47	81	MINNESOTA	57.60
25	SUNY-BUFFALO	70.38	82	MANITOBA	57.09
26	TEMPLE	69.88	83	VIRGINIA	56.92
27	HOWARD	69.78	84	INDIANA	56.51
28	NEW MEXICO	69.70	85	SOUTHERN CALIFORNIA	56.42
29	BRIGHAM YOUNG	69.60	86	CHICAGO	55.74
30	PURDUE	69.58	87	CASE WESTERN RESERVE	55.73
31	DARTMOUTH	69.33	88	CORNELL	55.35
32	MIAMI	69.18	89	NOTRE DAME	55.22
33	CALIFORNIA, RIVERSIDE	68.80	90	TEXAS TECH	55.13
34	CALIFORNIA, SANTA BARBARA	68.80	91	IOWA	54.71
35	TENNESSEE	68.46	92	PENNSYLVANIA	54.52
36	MCMASTER	68.28	93	ROCHESTER	53.67
37	WESTERN ONTARIO	68.16	94	GEORGE WASHINGTON	52.18
38	KENT STATE	68.06	95	ALABAMA	51.99
39	VIRGINIA TECH	67.86	96	ILLINOIS, URBANA	51.75
40	NEBRASKA	67.60	97	COLUMBIA	49.85
41	YORK	67.38	98	OREGON	49.75
42	GUELPH	67.04	99	LOUISVILLE	49.59
43	MCGILL	67.00	100	DUKE	47.82
44	BOSTON	66.64	101	RICE	46.66
45	OHIO	66.54	102	GEORGETOWN	46.05
46	NORTH CAROLINA STATE	66.43	103	PRINCETON	45.29
47	DELAWARE	66.19	104	OTTAWA	44.58
48	HAWAII	66.19	105	CALIFORNIA, BERKELEY	42.86
49	HOUSTON	65.72	106	CALIFORNIA, LOS ANGELES	42.36
50	QUEEN'S	65.08	107	EMORY	41.99
51	CALGARY	64.33	108	NORTH CAROLINA	41.52
52	SUNY-STONY BROOK	63.80	109	MICHIGAN	41.08
53	SYRACUSE	63.76	110	TEXAS	40.94
54	PENNSYLVANIA STATE	63.52	111	OKLAHOMA	38.99
55	NORTHWESTERN	63.25	112	SUNY-ALBANY	33.16
56	RUTGERS	63.21	113	HARVARD	28.86
57	KENTUCKY	62.80	114	YALE	26.48
				OKLAHOMA STATE	.



## RANK ORDER TABLE 22: LIBRARY INVESTMENT INDEX

	Value		Value		
1	HARVARD	5.6370	58	OTTAWA	-0.3166
2	YALE	3.2509	59	TENNESSEE	-0.3180
3	TORONTO	2.6831	60	KANSAS	-0.3220
4	COLUMBIA	2.3950	61	GEORGIA	-0.3391
5	MICHIGAN	2.3930	62	LAVAL	-0.3424
6	NEW YORK	1.6325	63	MANITOBA	-0.3514
7	CALIFORNIA, BERKELEY	1.5499	64	UTAH	-0.3600
8	PRINCETON	1.5167	65	COLORADO	-0.3631
9	PENNSYLVANIA STATE	1.4751	66	BOSTON	-0.3733
10	TEXAS	1.1490	67	KENTUCKY	-0.3907
11	ALBERTA	1.1361	68	WESTERN ONTARIO	-0.3979
12	CALIFORNIA, LOS ANGELES	1.1234	69	CINCINNATI	-0.3999
13	CORNELL	1.0912	70	BROWN	-0.4274
14	NORTH CAROLINA	0.9641	71	WAYNE STATE	-0.4471
15	DUKE	0.9345	72	BOSTON COLLEGE	-0.4536
16	PENNSYLVANIA	0.9217	73	SUNY-BUFFALO	-0.4662
17	ILLINOIS, URBANA	0.8783	74	HOUSTON	-0.4780
18	TEXAS A&M	0.8720	75	CALIFORNIA, IRVINE	-0.4823
19	MINNESOTA	0.8604	76	ALABAMA	-0.4985
20	WASHINGTON	0.8602	77	DARTMOUTH	-0.5118
21	SOUTHERN CALIFORNIA	0.8527	78	LOUISVILLE	-0.5438
22	WISCONSIN	0.8164	79	SOUTH CAROLINA	-0.5447
23	OHIO STATE	0.7816	80	ROCHESTER	-0.5538
24	BRITISH COLUMBIA	0.7726	81	DELAWARE	-0.5579
25	CHICAGO	0.5292	82	SASKATCHEWAN	-0.5582
26	EMORY	0.4420	83	NEW MEXICO	-0.5623
27	INDIANA	0.4233	84	SYRACUSE	-0.6001
28	JOHNS HOPKINS	0.2950	85	MISSOURI	-0.6078
29	PITTSBURGH	0.2873	86	QUEEN'S	-0.6113
30	RUTGERS	0.2418	87	MCMASTER	-0.6438
31	MONTREAL	0.2229	88	CALIFORNIA, DAVIS	-0.6517
32	ARIZONA	0.2073	89	HAWAII	-0.6594
33	VIRGINIA	0.2055	90	OKLAHOMA STATE	-0.6598
34	NORTHWESTERN	0.1999	91	ILLINOIS, CHICAGO	-0.6663
35	BRIGHAM YOUNG	0.1856	92	IOWA STATE	-0.6845
36	IOWA	0.1784	93	FLORIDA STATE	-0.6977
37	MCGILL	0.1028	94	TULANE	-0.7180
38	NORTH CAROLINA STATE	0.0924	95	RICE	-0.7384
39	GEORGETOWN	0.0247	96	OREGON	-0.7821
40	MICHIGAN STATE	0.0146	97	NEBRASKA	-0.8054
41	CONNECTICUT	0.0101	98	VIRGINIA TECH	-0.8177
42	MIAMI	-0.0062	99	WATERLOO	-0.8188
43	CALIFORNIA, SAN DIEGO	-0.0156	100	SOUTHERN ILLINOIS	-0.8400
44	FLORIDA	-0.0221	101	MASSACHUSETTS	-0.8601
45	CALGARY	-0.0252	102	CASE WESTERN RESERVE	-0.8684
46	GEORGE WASHINGTON	-0.0304	103	COLORADO STATE	-0.8820
47	WASHINGTON U.-ST. LOUIS	-0.0342	104	CALIFORNIA, SANTA BARBARA	-0.8934
48	TEXAS TECH	-0.1198	105	SUNY-STONY BROOK	-0.8937
49	NOTRE DAME	-0.1354	106	GUELPH	-0.8995
50	MARYLAND	-0.1379	107	WASHINGTON STATE	-0.9210
51	YORK	-0.1461	108	CALIFORNIA, RIVERSIDE	-1.0202
52	VANDERBILT	-0.1629	109	GEORGIA TECH	-1.0244
53	MIT	-0.1808	110	AUBURN	-1.0276
54	PURDUE	-0.2092	111	OHIO	-1.0369
55	ARIZONA STATE	-0.2258	112	SUNY-ALBANY	-1.0510
56	OKLAHOMA	-0.2814	113	LOUISIANA STATE	-1.0549
57	TEMPLE	-0.2831	114	KENT STATE	-1.0951
			115	HOWARD	-1.3034



# ARL STATISTICS QUESTIONNAIRE 2009-2010

## 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/aboutstats/index.shtml>).

**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 U.S. 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, 2010**. 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. Please use a concise sentence/paragraph format when writing footnotes—**do not use “bullets” or make a “bullet list.”**

### Specific Instructions

#### **Questions 1-1b. Volumes:**

**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:

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

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, EBBO, etc.) 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. Titles Held.** Use the ANSI/NISO Z39.7-2004 definition for **title** as follows:

The designation of a separate bibliographic whole, whether issued in one or several volumes  
... Titles are defined according to the Anglo-American Cataloging Rules. A book or serial title may be distinguished from other such titles by its unique International Standard Book Number (ISBN) or International Standard Serial Number (ISSN). This definition applies equally to print, audiovisual, and other library materials. For unpublished works, the term is used to designate a manuscript collection or an archival record series. Two subscriptions to Science magazine, for example, are counted as one title. When vertical file materials are counted, a file folder is considered a title.

Report the total number of **unique** titles cataloged, classified and made ready for use. The number of titles reported here is for the number of volumes reported under line (1). Include e-books as specified above in question (1). For those reporting a bibliographic volume under line (1), their title count may be exactly the same as their volume count.

**Question 3. 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 2009–10, 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 4: Basis of Volume Count.** A physical count is a piece count; a bibliographic count is a catalog record count.

**Questions 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 5a. 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 5b. 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 (5b.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 (5), and report NA/UA for lines (5a) and (5b).

**Question 7. 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 8. 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 9. Computer files.** Include the number of pieces of computer-readable disks, tapes, CD-ROMs, and similar machine-readable files comprising data or programs that are locally held as part of the library's collections available to library clients. Examples are U.S. Census data tapes, sample research software, locally-mounted databases, and reference tools on CD-ROM, tape or disk. Exclude bibliographic records used to manage the collection (i.e., the library's own catalog in machine-readable form), library system software, and microcomputer software used only by the library staff.

**Question 10. Manuscripts and archives.** Include both manuscripts and archives measured in linear feet.

**Question 11. Cartographic materials.** Include the numbers of pieces of two- and three-dimensional maps and globes. Include satellite and aerial photographs and images.

**Question 12. Graphic materials.** Include the number of pieces of prints, pictures, photographs, postcards, slides, transparencies, film strips, and the like.

**Question 13. Audio materials.** Include the number of pieces of audiocassettes, phonographic discs, audio compact discs, reel-to-reel tapes, and other sound recordings.

**Question 14. Film and video materials.** Include the number of pieces of motion pictures, videocassettes, video laser discs, and similar visual materials.

**Questions 15-21. 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 (18), include non-library funds; see instruction for question (18). 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 U.S. dollars, divide Canadian dollar amounts by 1.0556, the average monthly noon exchange rate published in the Bank of Canada *Review* for the period July 2009–June 2010). **Please round figures to the nearest dollar.**

**Question 16a. Monographs.** Report expenditures for volumes purchased counted on line (3).

**Question 16b. Serial titles.** Report expenditures for serial titles counted on line (5a). Exclude unnumbered monographic and publishers' series, and encumbrances.

**Question 16c. Other library materials.** Include expenditures for all materials not reported in Questions (16a) and (16b), e.g., backfiles of serials, charts and maps, audiovisual materials, manuscripts, etc. If expenditures for these materials are included in lines (16a) and/or (16b) and cannot be disaggregated, please report U/A and provide a footnote. Do not include encumbrances.

**Question 16d. Miscellaneous expenditures.** Include any other **materials funds expenditures** not included in questions

(16a)-(16c), 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 NA/UA**, on line (16d).

**Question 17. 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.

**Questions 18. Salaries and wages.** Exclude fringe benefits. If professional, support staff and student salaries cannot be separated, enter NA/UA, in lines (18a), (18b) and (18c) and enter total staff salaries in line (18).

**Question 18c. 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 20. Other operating expenditures.** Exclude expenditures for buildings, maintenance, and fringe benefits.

**Questions 22-26. 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 (21), total library expenditures.**

**Question 22. 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 (16a), Other Library Materials (16c), Miscellaneous (16d), or Other Operating Expenditures (20).

**Question 23. 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 (5) or Serials Expenditures question (16b).

**Question 24. 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.

**Question 24a. 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 (22) or (23). Include only expenditures that are part of Other Operating Expenditures (Q20).

**Question 24b. 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.

**Question 25. 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 (20).

**Question 26. 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 (16d) or Other Operating Expenditures (20), and only for those ILL/DD programs with data recorded in Questions (35)-(36).

**Questions 27. 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 (18).

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 27a. 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 27b. Support Staff.** Report the total FTE (see instruction (27) of staff not included in (27a).

**Question 27c. Student Assistants.** Report the total FTE (see instruction Q27) 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 28. 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 29. 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 30-31. Instruction.** Sampling based on a typical week may be used to extrapolate TO A FULL YEAR for Questions (30) and (31). Please indicate if responses are based on sampling.



**Question 30. 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 31. Participants in Group Presentations.** Report the total number of participants in the presentations reported on line (30). 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 (32). Please indicate if the figure is based on sampling. Use a footnote to describe any special situations.

**Question 32. 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 32. 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 33-34. Circulation.** For Question (33), 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 (34), report total circulation for the fiscal year including initial transactions reported on line (33) and renewal transactions. Exclude reserve circulations; these are no longer reported.

**Questions 35-36. Interlibrary Loans.** Report the number of requests for material (both returnables and non-returnables) provided to other libraries on line (35) and the number of filled requests received from other libraries or providers on line (36). 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.

**Question 37. PhD Degrees.** Report the number awarded during the 2007-08 fiscal year. Please note that only the number of Ph.D. degrees are to be counted. Statistics on all other advanced degrees (e.g., D.Ed., D.P.A., M.D., J.D.) should not be reported in this survey. If you are unable to provide a figure for Ph.D.s only, please add a footnote.

**Question 38. PhD Fields.** For the purposes of this report, Ph.D. fields are defined as the specific discipline specialties enumerated in the U.S. Department of Education's Integrated Postsecondary Education Data System (IPEDS) "Completions" Survey. Although the IPEDS form requests figures for all doctoral degrees, only fields in which PhDs are awarded should be reported on the ARL questionnaire. Any exceptions should be footnoted.

**Question 39. Instructional Faculty.** Instructional faculty are defined by the U.S. Dept. 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 2006-07 (unless in previous years faculty were counted who should have been excluded according to the above definition). Please footnote any discrepancies.

**Questions 40-43. Enrollment.** U.S. libraries should use the Fall 2009 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.

**NOTE:** Any change over 10% in any answer to any of the survey's questions over the preceding year's response (2008-09) should be addressed with a footnote.

Submit the completed questionnaire by  
**October 15, 2010.**

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



# ARL STATISTICS WORKSHEET 2009-2010

This worksheet is designed to help you plan your submission for the 2009-2010 *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 \_\_\_\_\_  
Email address \_\_\_\_\_ Phone number \_\_\_\_\_  
Contact person (if different) \_\_\_\_\_  
Title \_\_\_\_\_  
Email address \_\_\_\_\_ Phone number \_\_\_\_\_

## PAGE ONE – VOLUMES AND TITLES:

<b>1. Volumes held June 30, 2010</b> (1.a + 1.b)	(1)	_____
1a. Volumes held June 30, 2009	(1.a)	_____
1b. Volumes added during the year (1.b.i – 1.b.ii)	(1.b)	_____
(i) Volumes added – Gross	(1.b.i)	_____
(ii) Volumes withdrawn during year	(1.b.ii)	_____
<b>2. Titles held June 30, 2010</b>	(2)	_____
<b>3. Number of monographic volumes purchased</b>	(3)	_____
<b>4. Basis of volume count is:</b>	(4)	_____ Physical
		_____ Bibliographic

PAGE TWO – OTHER COLLECTIONS

SERIALS

5. Total number of serial titles currently received, including periodicals (5.a + 5.b)  
(5) \_\_\_\_\_

5a. Number of serial titles currently purchased (5a.i + 5a.ii) (5a) \_\_\_\_\_

5a.i Electronic (5a.i) \_\_\_\_\_

5a.ii Print (and other format) serials purchased (5a.ii) \_\_\_\_\_

5b. Number of serial titles currently received but not purchased  
(5b.i + 5b.ii + 5b.iii + 5b.iv) (5b) \_\_\_\_\_

5b.i Consortial (5b.i) \_\_\_\_\_

5b.ii Freely accessible (5b.ii) \_\_\_\_\_

5b.iii Print (and other format) – *Exchanges, gifts, etc.* (5b.iii) \_\_\_\_\_

5b.iv Government documents (5b.iv) \_\_\_\_\_

6. Government documents are included in count of Current Serials? (6) \_\_\_\_\_ Yes \_\_\_\_\_ No

OTHER LIBRARY MATERIALS

7. Microform units (7) \_\_\_\_\_

8. Government documents not counted elsewhere (8) \_\_\_\_\_

9. Computer files (9) \_\_\_\_\_

10. Manuscripts and archives (linear ft.) (10) \_\_\_\_\_

AUDIOVISUAL MATERIALS

11. Cartographic (11) \_\_\_\_\_

12. Graphic (12) \_\_\_\_\_

13. Audio (13) \_\_\_\_\_

14. Film and Video (14) \_\_\_\_\_

PAGE THREE – EXPENDITURES

15. Are the below figures reported in Canadian dollars? (15) \_\_\_\_\_ Yes  
\_\_\_\_\_ No

16. Total Library Materials Expenditures (16.a + 16.b + 16.c + 16.d) (16) \_\_\_\_\_

16a. Monographs (16a) \_\_\_\_\_

16b. Serial titles, including periodicals (16b) \_\_\_\_\_

16c. Other Library Materials (16c) \_\_\_\_\_

16d. Miscellaneous (16d) \_\_\_\_\_

17. Contract binding (17) \_\_\_\_\_

18. Total Salaries and Wages (18.a + 18.b + 18.c) (18) \_\_\_\_\_

18a. Professional staff (18a) \_\_\_\_\_

18b. Support staff (18b) \_\_\_\_\_

18c. Student assistants (18c) \_\_\_\_\_

19. Fringe benefits are included in expenditures for salaries and wages? (19) \_\_\_\_\_ Yes  
\_\_\_\_\_ No

20. Other operating expenditures (20) \_\_\_\_\_

21. Total library expenditures (16 + 17 + 18 + 20) (21) \_\_\_\_\_

**ELECTRONIC MATERIALS EXPENDITURES**

22. One-time electronic resource purchases (22) \_\_\_\_\_

23. Ongoing electronic resource purchases (e.g., subscriptions, annual license fees) (23) \_\_\_\_\_

24. Bibliographic Utilities, Networks, and Consortia

24a. From internal library sources (24a) \_\_\_\_\_

24b. From external sources (24b) \_\_\_\_\_

25. Computer hardware and software (25) \_\_\_\_\_

26. Document Delivery/Interlibrary Loan (26) \_\_\_\_\_

**PAGE FOUR – PERSONNEL AND PUBLIC SERVICES**

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

- 27. Total Staff FTE (27.a + 27.b + 27.c)** (27) \_\_\_\_\_
- 27a. Professional staff, FTE (27a) \_\_\_\_\_
- 27b. Support staff, FTE (27b) \_\_\_\_\_
- 27c. Student assistants, FTE (27c) \_\_\_\_\_

**STAFFED SERVICE POINTS AND HOURS**

- 28. Number of staffed library service points** (28) \_\_\_\_\_
- 29. Number of weekly public service hours** (29) \_\_\_\_\_

**INSTRUCTION**

- 30. Number of library presentations to groups** (30) \_\_\_\_\_
- 30a. Is the library presentations figure based on sampling?  
(30a) \_\_\_\_\_ Yes \_\_\_\_\_ No

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

- 31a. Is the total participants in group presentations figure based on sampling?  
(31a) \_\_\_\_\_ Yes \_\_\_\_\_ No

**REFERENCE**

- 32. Number of reference transactions** (32) \_\_\_\_\_
- 32a. Is the reference transactions figure based on sampling?  
(32a) \_\_\_\_\_ Yes \_\_\_\_\_ No

PAGE FIVE – PUBLIC SERVICES AND LOCAL CHARACTERISTICS

CIRCULATION

33. Number of initial circulations (excluding reserves) (33) \_\_\_\_\_

34. Total circulations (initial and renewals, excluding reserves) (34) \_\_\_\_\_

INTERLIBRARY LOANS

35. Total number of filled requests provided to other libraries (35) \_\_\_\_\_

36. Total number of filled requests received from other libraries or providers (36) \_\_\_\_\_

PhD DEGREES AND FACULTY

37. Number of PhDs awarded in FY2008-2009 (37) \_\_\_\_\_

38. Number of fields in which PhDs can be awarded (38) \_\_\_\_\_

39. Number of full-time instructional faculty in FY2008-2009 (39) \_\_\_\_\_

ENROLLMENT – FALL 2008

(Line numbers refer to IPEDS survey form.)

40. Full-time students, undergraduate and graduate (40) \_\_\_\_\_  
(Add line 8, columns 15 & 16, and line 14, columns 15 & 16.)

41. Part-time students, undergraduate and graduate (41) \_\_\_\_\_  
(Add line 22, columns 15 & 16, and line 28, columns 15 & 16.)

42. Full-time graduate students (Line 14, columns 15 & 16.) (42) \_\_\_\_\_

43. Part-time graduate students (Line 28, columns 15 & 16.) (43) \_\_\_\_\_

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 2008-2009* for comparison if necessary. Please consult the Data Repository under [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 to [www.arlstatistics.org](http://www.arlstatistics.org). 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. Please use a concise sentence/paragraph format when writing footnotes—do not use bullets or make a bullet list.

**NOTE:** Any change over 10% in any answer to any of the survey's questions over the preceding year's response (2008–09) should be addressed with a footnote.

Submit the completed questionnaire by  
**October 15, 2010.**

For assistance, please e-mail Martha Kyrrillidou ([martha@arl.org](mailto:martha@arl.org)) or Shaneka Morris ([shaneka@arl.org](mailto:shaneka@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 06/30/2010.

Question Footnote

Number

### ALABAMA

All figures are as of 09/30/2010.

Library branches included: Gorgas Library (Main), Social Work Reading Room, Hoole Special Collections, Communications Reading Room, Map Library, Bruno Business Library, Rodgers Science & Engineering Library, and McClure Education Library.

Data from the Law and Health Sciences Library are also included in the figures reported.

1.a Volumes held June 30, 2009 revised to 3,397,286.

1.b.i 73,578 unique e-books added in 2009-2010.

3 79,200 e-books included in monographic volumes purchased.

5 Deduplicated using best practices procedures distributed by ARL for Serials Solutions. Deduplicated using ISSNs and other IDs as described in best practices document. 38,077 serials had no ISSNs.

5.b.i. Separate numbers of consortial and freely available not available.

5.b.ii

16.c These onetime expenditures are related to the acquisition of the Williams Collection.

16.d Includes Center for Research Libraries membership.

20 Includes bibliographic utilities, memberships (except CRL), and literature searching.

### ALBERTA

All figures are as of 03/31/2010.

Data from the Law and Health Sciences Library are also included in the figures reported.

16-26 Expenditures as reported in Canadian dollars: (16a) \$7,297,206; (16b) \$12,423,987; (16c) 0; (16d) \$806,423; (16) \$20,527,616; (17) \$52,823; (18a) \$8,027,915; (18b) \$10,711,362; (18c) \$981,413; (18) \$19,720,690; (20) \$7,296,859; (21) \$47,597,988; (22) \$4,854,398; (23) \$9,751,356; (24a) 0; (24b) 0; (25) 0; (26) 0.

### ARIZONA

Library branches included: Science Engineering, Fine Arts.

Data from the Law and Health Sciences Library are also included in the figures reported.

1.a Volumes held June 30, 2009 revised to 5,918,898. Includes an increase of 116,071 volumes from the addition of large digital monographic files.

### ARIZONA STATE

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

1.a Volumes held June 30, 2009 revised to 4,461,231. For 2008-2009, figure reported in question 1.a. was for June 2007 instead of June 2008, so volumes held June 30, 2009 was also incorrect. Question 1.a. 2009-2010 corrects this error. Corrected figure for June 2008 is 4,354,164.

1.b.ii Increased withdrawals due to ASU West weeding project & correction for e-book collections previously counted but which do not yet have individual title-level catalog records.

2 Includes all ASU Libraries, including Law.

3 Decreases in ASU West, Polytechnic and Downtown Phoenix campuses due to increased site-licensing of e-books.

5.a.ii Decrease due to continued conversions from print and print+online to online only

5.b.ii Increase reflects the fact that DOAJ and PubMed Central deduped titles rose by 1,265 between 2008-2009 and 2009-2010.

9 Add 315 to 2008-2009 since it is for Access Services Reserves which was not included last year.

16.a Approval, blanket order, and firm order expenditures severely restricted in 2008-2009 but resumed in 2009-2010.

## **ARIZONA STATE, cont.**

- 16.c Major online serial backfile purchases (e.g. ISI Web of Science; Biosis Previews; ACS Journal Archives) purchased in 2008-2009; no comparable large backfile purchases in 2009-2010.
- 16.d Includes \$131,575 for memberships; \$18,752 for document delivery/ILL; \$15,631 for uncataloged office materials; \$14,580 for conservation/preservation; and \$79 for Amazon Prime shipping fee.
- 17 Resumed binding following nine-month suspension in 2008-2009 due to budget concerns.
- 18, 18.a Decrease due to reduction in Force and positions held open.
- 20, 25 Increase because of purchases made with salary savings.
- 22 Restricted purchasing due to budgetary constraints.
- 24.a Increased because of deposits to Amigos/funds from salary savings.
- 26 Increase in fixed costs and increase in requests.
- 27, 27.b Reduction in force for budgetary reasons.
- 29 Correction: 2008-2009 public service hours should be 149.
- 32 Impact of service point reduction in 2009; continuation of trend.
- 33 Increasing trend toward electronic resources.
- 36 More focused data-driven purchasing.
- 37 Number of degree recipients at this level fluctuates year-to-year.
- 41, 43 Increased enrollment in existing programs.

## **AUBURN**

All figures are as of 09/30/2010.

- 1.b Because of shortfalls to the Libraries' materials budget, monographic purchases were restricted during this reporting period.
- 3 Because of budgetary shortfalls, we purchased only monographs requested by faculty and graduate students during this reporting period.
- 16.a Because of budget shortfalls, monographic purchases were restricted to faculty and graduate student requests and to university press imprints.

## **BOSTON**

Library branches included: Law, Health Sciences.

- 1.a Volumes held June 30, 2009 revised to 2,946,418.
- 16.b Includes the Theology and Gotlieb Libraries, excludes the Mugar Library.

## **BOSTON COLLEGE**

All figures are as of 05/31/2010.

Library branches included: Bapst Art Library, Social Work Library, Educational Resource Center, Theology & Ministry Library, John J. Burns Library of Rare Books and Special Collections.

Data from the Law Library are also included in the figures reported.

- 1 3,068 e-books: 140 individual titles, 469 locally digitized, 105 eTDs, 2,354 added for packages (Cambridge Histories Online, NBER working papers, Oxford Reference Online Premium Collection, Oxford Scholarship Online: Social Work, PsycBooks, Cambridge Collections Complete, ACLS Humanities E-books, Irish Women Poets, Latin American Women Writers.
- 1.a Volumes held June 30, 2009 revised to 2,557,995. 2,354 e-books were added to our 2008-2009 volume count.
- 5, 5.a.i We count only unique titles when we provide our statistics for question 5. This year when we counted unique titles for question 5a.i we found the number of deduped titles with ISSNs dropped from 6,150 to 3,635. This explains why our figure for question 5 is 1,687 less this year than last year.

## **BRIGHAM YOUNG**

All figures are as of 12/30/2009.

Data from the Law Library are also included in the figures reported.



**BRIGHAM YOUNG, cont.**

- 1.b The large percentage increase in volume count is due to a significant dollar carryover of funds from 2008 which were expended in 2009. These one-time expenditures were directed primarily to electronic book and journal collections.
- 16, 21 Several million dollars were encumbered in 2008-2009 and were carried over into 2009-2010, resulting in an unusually high expenditure year. Expenditure figures for 2009 do not reflect a typical materials expenditure year.
- 23 Since a high percentage of acquisitions made during the year were carryover dollars, this category portrays a one-time spike in spending.

**BRITISH COLUMBIA**

All figures are as of 03/31/2010.

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, 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, Music Library, Okanagan Library, 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, TRIUMF Library, University Archives, Vancouver School of Theology Library, Woodward Library, and Xwi7xwa Library (First Nations House of Learning).

Data from the Law Library are also included in the figures reported. The Irving K. Barber Learning Centre continues to expand its services. UBC Okanagan campus continues to grow. Library processing and library systems staff relocated to Woodward and IKBLC. Digitization projects accelerated. Some storage materials from LPC Storage were located to an off-site storage center. The Teaching & Learning program continued to grow. The GIS service was launched.

- 1.b.ii Decrease due to reading room closures.
- 5.a.i Increase due to better data from aggregators.
- 5.a.ii Decrease due to continuing transition to online.
- 9 Increase due to addition of data sets (files).
- 12 Museum of Anthropology Library and Archives reopened in 2010 after construction.
- 14 Decrease due to AHVRC withdrawals.
- 16-26 Expenditures as reported in Canadian dollars: (16a) \$4,160,954; (16b) \$12,064,802; (16c) \$56,083; (16d) \$758,518; (16) \$17,040,357; (17) \$110,195; (18a) \$10,533,023; (18b) \$7,282,075; (18c) \$1,356,617; (18) \$19,171,715; (20) \$4,762,895; (21) \$41,085,162; (22) \$149,172; (23) \$9,863,485; (24a) \$674,558; (24b) \$758,518; (25) \$1,022,282; (26) \$486,992.
- 16.b Some serial expenditures were made in 2008-2009, with receipt of titles starting in 2009-2010. Therefore, the count of serial titles increased while serial expenditures decreased.
- 18, 18.a Increase due to new services, salary increases, and added professional staff.
- 18, 18.c Major projects (inventory, LPC move, T&L, digitization), co-op students, and work study subsidy increased.
- 26 Decrease due to less borrowing from CISTI, lower costs, and lower demand during 2-week period of Olympics.
- 27.c Increase due to several big projects and subsidy for work study.
- 43 Decrease due to shift from part time to full time students.

**BROWN**

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

Data from the Medical Library are also included in the figures reported. Medical library statistics cannot be disaggregated from the main because the medical collection is an integral part of the Sciences Library.

- 1.a Volumes held June 30, 2009 revised to 4,119,282, which reflects the addition of 183,008 Eighteenth Century Collections Online (ECCO) e-books records.
- 16.a Includes one-time expenditure for Eighteenth Century Collections Online (ECCO) e-books collection and records.

## **BROWN, cont.**

- 27b Figure reflects the transfer of Media Services unit from the Library to another university department (Computing & Information Services).
- 28 This reflects all regularly staffed library service points within library buildings. Not included in this count is a "Librarian in the Lobby" informal service point located in one academic building and staffed during limited hours by one librarian.
- 30 2008-2009 figure should be corrected to 444 (538 originally reported in error).
- 32 Up thru 2007-2008, this figure included only Rockefeller and Sciences libraries reference statistics with reference and directional transactions. In 2008-2009, the data collection methodology changed from sampling to direct counts of reference activity, including service points at Rockefeller, Sciences, Hay, Orwig, and JCB libraries, as well as reference activities conducted by individual librarians from their offices. Directional and cluster-related questions were excluded to conform with the ARL definition. The 2009-2010 figure reflects a full year of statistics using LibStats to collect data at all libraries and at all service locations (i.e., service desks and librarian offices).
- 41, 43 Increase is due to an increase in in part-time undergraduate and graduate students.

## **CALGARY**

All figures are as of 03/31/2010.

Library branches included: The Main, Health Sciences Libraries, and Law Library are included in the ARL statistics.

- 1 This number includes 564,819 e-books.
- 1.a This number includes 470,722 e-books.
- 1.b The number of volumes includes 94,097 e-books.
- 1.b.ii This number reflects a significant increase in withdrawals in preparation for our move to a new library.
- 3 This number does not include e-books purchased.
- 5 The 2008-2009 number should have been 54,268 as better tracking of consortial titles resulted in a revision to that count.
- 5.a.ii The marked decrease in print serials purchased is due to large cancellations of print titles and titles are now being counted as electronic if duplicated in print.
- 5.b The 2008-2009 number should have been 18,228 last year as better tracking of consortial titles resulted in a revision to that count.
- 5.b.i The 2008-2009 number last year should have been 12,435 as better local tracking for consortial titles resulted in a revision to that count.
- 5.b.iii The decrease in non-purchased print titles is due to the cancellation of titles duplicated in electronic products.
- 16-26 Expenditures as reported in Canadian dollars: (16a) \$2,786,752; (16b) \$8,136,160; (16c) \$786,600; (16d) \$1,085,188; (16) \$12,794,700; (17) \$43,615; (18a) \$6,339,501; (18b) \$7,825,693; (18c) \$521,144; (18) \$14,686,338; (20) \$1,094,838; (21) \$28,619,491; (22) \$824,266; (23) \$7,405,925; (24a) \$390,225; (24b) \$316,717; (25) \$401,919; (26) \$123,186.
- 16.a There were fewer e-book packages purchased and considerably fewer print monographs purchased in 2009-2010.
- 16.c There were significantly fewer electronic backfiles purchased in 2009-2010.
- 17 The amount of binding continues to decrease as the electronic world expands.
- 18 As budgets were frozen many support staff and temporary positions were not filled when they became vacant.
- 18.c Budgets were frozen so some projects were put on hold; the result was fewer temporary positions.
- 24.a The 2009-2010 value reflects a marked increase in the purchase of metadata and shelf-ready processing of materials.
- 25 There were some additional hardware purchases made in preparation for our move to a new library.
- 27b Budget cuts required that support staff vacancies were generally not filled.
- 27.c The number of temporary positions was reduced due to budget cuts in this area.
- 31 The use of on-line tutorials resulted in a significant increase in the number of participants.

## **CALIFORNIA, BERKELEY**

Data from the Law Library and from Affiliated Libraries are included in the figures reported.

- 1.a Volumes held June 30, 2009 revised to 11,395,639.
- 5.a Drop in print serials due in part to print-only subscriptions becoming print plus electronic. These "print plus electronic" serials are now counted as electronic. Drop also reflects a portion of our serials cancellation project.
- 5.b Counts include electronic government documents. We did not have counts for government documents in 2008-2009.

## CALIFORNIA, DAVIS

Data from the Law Library and the Health Science Libraries are included in the figures reported.

- 1.a Volumes held June 30, 2009 revised to 4,126,174.
- 1.b, 1.b.i Added fewer items and did not buy as many titles.
- 3 Decrease is due to the purchase of fewer monographs in 2009-2010 than in 2008-2009
- 5.b Increase is due to better reporting from SFX and the inclusion of free or open access titles through SFX.
- 16 Decrease due to reduced purchases during the year. Several of the licensed resources had reductions in the cost of the package for the calendar year 2010.
- 16.a 2009-2010 number is lower because of one-time purchases the 2008-2009.
- 18.b, 21 Expenditures for staffing are significantly less than 2008-2009 figures because of retirements and vacant positions not being filled. Staff also experienced furloughs during part of the fiscal year, which reduced their base pay.
- 36 We received fewer requests for materials in 2009-2010.

## CALIFORNIA, IRVINE

Library branches included: Law Library, Health Sciences Library.

- 1.a Volumes held June 30, 2009 revised to 3,122,256.
- 21 Note: This is the first year that the UCI Law Library has been in operation and that Law Library Expenditures are included in the ARL statistics. While the UCI Libraries experienced significant budget reductions during 2009-2010, this may not be apparent from the ARL statistics given that substantial new campus expenditures were allocated for Law Library use.

## CALIFORNIA, LOS ANGELES

Data from the Law and Biomedical Library are also included in the figures reported.

- 1.a Volumes held June 30, 2009 revised to 8,975,563.
- 2 In 2008-2009, counts for Volumes Held June 30, 2009 (question 1) and Titles Held (question 2) were equal. 2009-2010 figure reflects actual count based on definition.
- 5.a.i, 5.b.ii This is a significant increase from 2008-2009 due to our implementation of an electronic resource management system and our ability to more accurately count titles.
- 16 Reduction in 2009-2010 library materials driven by Chancellorial budget reduction. Total available State of California funds for library materials was reduced by about \$2,000,000 in 2009-2010.
- 16.a Reduction is chiefly reflected in the monographs category (\$1.3 million).
- 16.b Reduction impacted serials less dramatically, but still significantly (about \$700,000).
- 18 Reduction in salary expenditures driven by the 2009-2010 budget reduction. Temporary salary reductions (furloughs) and very restricted filling of open positions were among the key reasons for the reduction in the salary expenditures.
- 25 Less frequent replacement of computer workstations has been implemented to achieve cost savings to help satisfy 2009-2010 budget reduction.
- 28 Includes shelf-check out.

## CALIFORNIA, RIVERSIDE

- 1.b.i Figure consists of newly cataloged e-books and cataloged collection back files for the print collections. We had not previously included some of our e-books in our statistics because they had not been catalogued and we accelerated our cataloging program of unprocessed print collections during 2010-2011. That accounts for the increase in numbers of Volumes Held (question 1).
- 1.b.ii Includes 6,962 e-books that UCR no longer accesses.
- 18 Budget cuts resulted in decreases in the wage and salary expenditures between 2008-2009 and 2009-2010 for Professional and Support staff.
- 18.a Salaries and Wages, Professional staff for 2008-2009 is incorrect. Therefore, the percent change for the 2009-2010 figures is inaccurate. Total Salaries and Wages, Professional staff for 2008-2009 revised to 3,693,568. This revision yields an actual percent change of -3.6%, rather than -1.5%.
- 18.b Salaries and Wages, Support staff for 2008-2009 is incorrect. Therefore, the percent change for the 2009-2010 figures is inaccurate. Total Salaries and Wages, Support staff revised to 3,167,223. This revision yields an actual percent change of -25.5%, rather than -27.4%.

## CALIFORNIA, RIVERSIDE, cont.

- 27 Budget cuts resulted in decreases in the number of Professional and Support staff between 2008-2009 and 2009-2010. Total Staff for 2008-2009 is incorrect. Therefore, the percent change for the 2009-2010 figure is inaccurate. Total Staff for 2008-2009 revised to 142. This revision yields an actual percent change of -14.8%, rather than -19.3%.
- 27.a Number of Professional staff for 2008-2009 is incorrect. Therefore, the percent change for the 2009-2010 figures is inaccurate. Number of Professional staff for 2008-2009 revised to 47. This revision yields an actual percent change of -12.8%, rather than -8.9%.
- 27.b Number of Professional staff for 2008-2009 is incorrect. Therefore, the percent change for the 2009-2010 figures is inaccurate. Number of Professional staff for 2008-2009 revised to 71. This revision yields an actual percent change of -12.7%, rather than -23.5%.

## CALIFORNIA, SAN DIEGO

Library branches included: Libraries in the Geisel Building: Arts, Mandeville Special Collection Library, Science & Engineering Library, Social Science and Humanities Library, Scripps Institute of Oceanography, CLICS, International Relations and Pacific Studies Library, Health Sciences: Biomedical Library, Medical Center Library.

- 1.a Volumes held June 30, 2009 revised to 3,662,661.
- 10 Formula conversion to linear feet:  $16,820 * 0.751$ .
- 12 Includes mult-media kits, pictorial items, and 35mm slides.
- 13 Includes audiodiscs, audiocassettes, audioreels, compact discs, and digital audio.
- 14 Includes videotapes, videodiscs, motion pictures, and filmstrips.
- 28 Due to consolidations, 1 service point was lost at the time of the collection (Jan 4, 2010).
- 33 Initial checkouts: 622,048 (includes Reserves checkouts); Renewals: 212,364 (excludes Reserves); Reserves checkouts: 210,699. Total for Question 33 (Geisel/Main Libraries): 622,048; Total for Question 34 (Geisel/Main Libraries): 623,713.
- 39 Data includes appointees in the following academic series: Ladder-Rank, Prof. Clin "X", Prof. IR, LPSOE, LSOE. Data also includes appointees in acting senate titles, individuals with full-time administrative appointments (e.g. Provosts, Deans), and faculty affiliated with HHMI & Ludwig Institute. Senate membership guidelines are posted on the senate website (<http://senate.ucsd.edu/manual/Appendices/app1.htm>). Although the data contains LPSOEs and Acting Assistant LRF, acting Assistant Professors and LPSOEs are not members of the Academic Senate (per membership guidelines).
- 40 Undergrads: 21,840 + Grads: 3,495 = 25,335 total students for the Geisel/Main Libraries.
- 42 Figure supplied by UC San Diego Office of Graduate Studies.

## CALIFORNIA, SANTA BARBARA

- 16 In years before 2009-2010, we supplemented the collections budget. The decrease reflects the discontinuation of this practice.
- 18.a Employee benefits were included in the 2008-2009 salary figures by mistake. 2009-2010 figures reflect employee salaries without benefits. The decrease is exaggerated due to this correction.
- 21 In years before 2009-2010, we supplemented the collections budget. The decrease reflects the discontinuation of this practice.

## CASE WESTERN RESERVE

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

Data from the Law and Health Sciences Library are also included in the figures reported.

## CHICAGO

Data from the Law and Health Sciences Library are also included in the figures reported.

- 1 Includes 1,470,379 electronic monographs.
- 1.a Volumes held June 30, 2009 revised to 9,330,221. The increase to our "volumes held previous year" total includes volumes newly represented in our catalog and other finding aids for titles newly made available via Hathi Trust.
- 1.b.ii We withdrew fewer volumes.
- 5-5.a.i. Serial titles were converted from print to electronic; more open access journals were made available.
- 5.b.ii
- 9, 10-11, Excludes unprocessed and partially processed items.
- 13-14
- 17 To accommodate an 18% reduction in the binding budget, more paperbacks were sent to the stacks.

## CHICAGO, cont.

- 23 Increase due to the shift of purchases from print to electronic.
- 24.a Includes standard ongoing operating costs only. Also, credits used for payment have been incorporated.
- 24.b Estimate.
- 30, 31 The library ceased a weekly workshop series during 2010. This accounts for a majority of the drop in numbers.
- 32 Decrease due to a change in counting methodology: Reference statistics no longer include counts of material requested by Law faculty for paging (4,438 in 2008-2009) or undocumented estimates of reference transactions from area studies (3,719 in 2008-2009).
- 36 Includes 461 requests filled by the Center for Research Libraries.

## CINCINNATI

Library branches included: Survey statistics include all University of Cincinnati Libraries including the Main Library, Health Sciences Library, Law Library, eight college and departmental libraries (Archives and Rare Books; Chemistry-Biology; Classics; Design, Architecture, Art and Planning; Education, Criminal Justice and Human Services; Engineering and Applied Science; Geology-Mathematics-Physics; and Music), and two regional campus libraries (Clermont College and Raymond Walters College). Because of a merger of colleges, the College of Applied Science Library merged with the Engineering Library in 2009-2010 to form the Engineering and Applied Science Library.

- 1.a Volumes held June 30, 2009 revised to 4,325,056. Adjustments for Volumes held at June 30, 2009: Net adjustment is 503,604 volumes from the following sources: Net government documents adjustment - 251; Batch load - over 5,000 including NASA bibliographic records (23,265), GAO bibliographic records (8,891), Making of Modern Law records (21,810), Lexis-Nexis Serial Set records (317,945), and Lexis-Nexis Congressional Hearings records (106,004) – Total batch load: 477,915; Other cataloging not recorded – 2,882; Net adjustments other than batch e-resources loads including volumes subtracted for government documents withdrawals project and withdrawn or transferred as part of College of Applied Sciences (CAS) Library move – 46,342; Less other withdrawals not previously recorded (23,786).
- 2 The large increase in Titles held June 30, 2010 is due to the large batch loads noted in question 1.a.
- 4 Historical figure is based on bibliographic count. Additions and withdrawals are based on physical count.
- 5 The serial count is by title, deduped, in a “cascading hierarchy”: (1) Paid (first electronic, then other formats) - A large majority of the number of serial titles received via our consortium are paid via index figures based upon titles owned when the relationships with the publishers began. Therefore, all are considered Paid. (2) The Not-Purchased titles in the Freely-accessible and Government documents categories have very little overlap, because of the strategy used to construct the serials list, and then were deduped; however, numbers here are only the titles that have not already been included in the Paid category. (3) The Freely-accessible titles include the titles marked as “free” from Serials Solutions, so long as those same titles had not already been recorded among the paid Serials Solutions titles. (4) 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.
- 5.a.ii The large drop in Print serials purchased is due to converting many print titles to online only.
- 8 Government documents not counted elsewhere is smaller than the number reported for 2008-2009 because of retrospective cataloging of documents.
- 32 Main and Law reference transactions figures included here are based on sampling. Health Sciences figures based on physical count.
- 37-43 PhD degrees, faculty, and enrollment numbers reported here are the total university counts.

## COLORADO

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

Library branches NOT included: Law.

- 1 Includes 54,218 e-books.
- 1.a Volumes held June 30, 2009 revised to 4,512,852. Reflects the 2009-2010 addition of 306,442 electronic resources.
- 1.b, 1.b.i Obtained Serials Solution MARC records in aggregated databases (EBSCO).
- 1.b.ii Caught up on withdrawal backlogs and special projects.
- 3 Includes 52,488 batchloaded e-books. We obtained Serials Solution MARC records in aggregated databases (EBSCO), which increased our e-book count.

## **COLORADO, cont.**

- 5.a Additional titles included in consortial packages such as Wiley.
- 5.a.i We continue to move journals to online only and added titles are included in consortial packages.
- 5.a.ii Decrease due to the following factors: Moved titles online. More print titles are included in aggregated databases; and we only count online titles per the de-duping procedure.
- 5.b.ii Increase due to the following factors: We implemented a new method of using Serials Solutions overlap to calculate number of unique/free online journals. We also turned on and obtained MARC records for more freely accessible databases in Serials Solutions.
- 5.b.iv Increase due to the following factors: We instituted a concentrated project to item-convert documents in our collection that were not previously converted in our catalog; these items are now being counted using Millennium rather than by sampling or shelf space.
- 16.a The 2008-2009 monograph budget was overspent by \$75,342, and the 2009-2010 monograph budget was \$65,184 less than that of 2008-2009, a total difference of \$140,526. The 2009-2010 monograph budget was also underspent by \$97,891, and this money was used to prepay some 2010-2011 costs in light of state budget cuts.
- 16.c Increase of \$443,492 spent on one-time electronic materials costs in 2009-2010.
- 16.d Figure includes: electronic archiving: \$9,750; preservation (not binding): \$63,562; GPO shelflist service: \$2,859; ILL services: \$110,774; ILL: \$13,439; MARC records: \$2,598; memberships: \$233,183; BCR: \$162,849; OPAC enhancements: \$29,000; Storage: \$18,458; Prospector: \$5,500; shelf-ready processing: \$81,589; 3harb bib utility: \$2,975; Techpro: \$13,290. Major differences between 2008-2009 and 2009-2010 include a one-time \$50,000 paid in 2008-2009 for a backfile of authority records, \$62,000 paid ahead in 2008-2009 for a 2009-2010 membership fee, a 2008-2009 carryover deposit balance of \$43,676 with an OCLC vendor, a decrease of \$18,276 in interlibrary loan costs, a decrease of \$23,250 due to cancellation of table of contents service, and a decrease of \$18,460 in spending on MARC record sets.
- 20 2008-2009 figure revised to \$1,406,043 to reflect removal of building-related cash transfers.
- 22 Increase due to the following factors: We have increased e-book purchases; We purchased Web of Science backfiles; We also purchased electronic collections such as State Papers Online, ECCO2, 20th Century Poetry, Springer journal archives, and Congressional Hearings retrospective.
- 24.a Charges formerly listed here are included in 16d because they are charged to materials funds.
- 24.b Increase due to the receipt of additional funding from the CU System.
- 25 Increased staffing to purchase and maintain computer equipment.
- 29 Increase in hours due to opening of Norlin Commons.
- 31 Includes the grand opening of Norlin Commons; 700 people attended the event.
- 32 2009-2010 is the first year we have used an actual count. Due to a new reporting form this is likely a significant undercount. New software allows us to more accurately filter directional questions that may have been counted in the past.
- 35 Increased lending likely due to nation-wide collection development budget cuts.
- 36 Increased borrowing due to CU Libraries collection development budget cuts.

## **COLORADO STATE**

- 1.b.ii A concentrated effort was made during the fiscal year to withdraw materials in anticipation of a coming building addition/remodel.
- 5 All serials titles count based on catalog records as of Oct 8, 2010. No deduping was done if the record didn't include an ISSN. All deduping was based on ISSN's. Any backfile collection containing unique titles was included in the purchased electronic titles (JSTOR, ScienceDirect, Wiley, etc.)
- 5.b.i Consortial titles received as part of a consortia agreement are taken from the year-end Unit Costs document and subtracted from SFX paid titles.
- 5.b.iv Last fiscal year (2008-2009), we did not count government documents separately from the received but not purchased titles and therefore went backwards to derive the number after the fact. This fiscal year (2009-2010), we counted separately from the outset and therefore our figure shows a significant increase. Those missed in the 2008-2009 retroactive count would have been included in the figure for question 5.b.ii in the 2008-2009 stats.
- 14 The libraries are charged with purchasing more AV due to budget cuts in other "instructional resources" areas on campus.
- 16.c Increase due to better tracking via a new university financial system. Additionally, at the end of the fiscal year, large backfile packages were purchased.



## **COLORADO STATE, cont.**

- 24.b A large online package was mistakenly left off of 2008-2009 statistics. This year's number is more in line with what was reported in 2007-2008.
- 32 The Reference desk was converted to a Help desk with information service (directions, finding a phone number, etc.), basic help questions (finding locations of books/journals), and referrals (to a librarian for more extensive research help).

## **COLUMBIA**

All figures are as of 08/31/2010 [Teachers College].

Columbia data includes The Columbia Center for New Media Teaching and Learning (CCNMTL) and the Center for Digital Research and Scholarship (CDRS). Data from the Barnard, Butler, Law, Health Sciences, and Teachers College Library are included in the figures reported.

- 1 Includes 1,036,707 e-books. [Butler]
- 1 Include 80,883 e-books. [Teachers College]
- 1.a Volumes held June 30, 2009 revised to 10,671,232.
- 1.a Restated to reflect volumes, not titles (as previously submitted). [Teachers College]
- 1.b Completed inventory of Research Collection which included cataloging materials not previously cataloged. [Teachers College]
- 5 Included in Butler Library statistics. [Barnard]
- 5 Reflects unique titles; all other titles received by Teachers College overlap with, and are counted in, Butler Library statistics. [Teachers College]
- 10 Estimate. [Teachers College]
- 16.d Includes costs associated with maintenance of collection (e.g., shipping, supplies, relocation, memberships). [Butler]
- 26 Document Delivery / Interlibrary Loan figures included in Butler Library statistics. [Barnard] [Teachers College]
- 35, 36 Excludes ILL materials and transactions handled by Butler Library. [Barnard]

## **CONNECTICUT**

Library branches included: Music, Art, Pharmacy, Avery Point, Waterbury, Stamford, Torrington, and Greater Hartford.

Data from the Law and Health Sciences Library are also included in the figures reported.

## **CORNELL**

Library branches included: Includes: Adelson (ornithology), Africana, Annex, Asia Collections, Engineering, Fine Arts, Hotel, Industrial & Labor Relations, Law, Management, Mann (agriculture& life sciences, human ecology)/Entomology, Mathematics, Music, Olin/Uris (humanities & social sciences), Physical Sciences (virtual library), Rare & Mss. Collections, and Veterinary Libraries on the Ithaca campus, and the New York Agricultural Experiment Station Library in Geneva NY.

Library branches NOT included: the Medical Library and the Medical Center Archives in New York, NY.

- 1.a Volumes held June 30, 2009 revised to 8,184,941. Adjustment (increase) reflects retrospective barcoding and additional e-books. The increase in the number of e-books reflects both the availability of new titles, and mostly, an increase in the availability of online records for previously held collections. The e-book count may include some duplication between e-book packages.
- 1.b.i Print only. Volume counts are online counts. The volumes added new count may be somewhat high as not all barcoding done retrospectively can be removed.
- 2 The decrease reflects the de-duplication of e-books with print. The e-book count may include some duplication between e-book packages.
- 5 Estimate only. The deduplication of print with electronic was based on a sample done in previous years. 26% of this deduplicated count was estimated to be print. 10,500 of the e-titles were bibliographically coded as ceased. This count excludes titles from 2 Law aggregators that do not have individual records in the online catalog (as they are only available to Law users) that have been included in the past few years. The print portion of the 2008-2009 counts was low as the count of titles coded as currently received - but for which no issues were received in the past 3 years - was mistakenly subtracted twice. The increase in the e-title count is due to the availability of new titles, and, more significantly, the availability of online records for previously purchased or licensed collections.
- 7 Count is no longer kept up to date. The last count (in 2007-2008) was 8,521,365.
- 9 Excludes any computer files that are not barcoded and/or that accompany other formats.

**CORNELL, cont.**

- 10 The largest part of the count is in cubic feet.
- 13 Excludes any sound recordings that are not barcoded and/or that accompany other formats.
- 14 Count excludes motion pictures, for which an up-to-date count is no longer kept. The decrease from 2008-2009 reflects that change; the number of videos/DVDs increased by 6.5% from 2008-2009.
- 16.d The figure includes expenditures for integrating resources as well as shipping costs not included in questions 16a-c. Before 2008-2009, expenditures for items coded as integrating resources were reported in question 16a; current methods of reporting do not allow integrating resources expenditures to be divided between one time and ongoing expenditures. Per cataloging rules, more and more items will be cataloged or re-cataloged from other formats (including monographs and serials) as integrating resources. These expenditures include those for such items as reference databases, resource aggregators (including those with a mix of formats), etc.
- 18.a Increase due to the following: Starting in 2009-2010, this count includes expenditures for academic and exempt staff. In the past, it included expenditures only for academic staff.
- 18.b Decrease due to the following: Starting in 2009-2010, this count includes expenditures for only non-academic non-exempt staff. In the past, it included expenditures for non-academic exempt and non-exempt staff.
- 21 Expenditures include \$770,000 in returns on reserves mandated due to the recession and a payment of \$1,152,000 for the university's Staff Retirement Initiative costs.
- 23 Includes an estimate for the amount spent on electronic subscriptions for large publishers providing both print and electronic whose payment records are coded as print only.
- 27 Does not include temporary staff or positions that were temporarily vacant as of June 30, 2010. Includes professional, support and student staff on grants and projects.
- 27.a Starting in 2009-2010, the "professional" count includes academic and exempt staff. In the past, it included only academic staff.
- 27.b Starting in 2009-2010, this count includes only non-academic non-exempt staff. In the past, it included non-academic exempt and non-exempt staff.
- 29 Part of one library remains open between 2 and 8 a.m., Sunday-Thursday, staffed by library-paid security staff (which is 27.5 hours of this figure). Study space and computer lab available.
- 30 Includes some instruction sessions for individuals, and some duplication between co-taught sessions.
- 32.a Many unit library counts are extrapolated from 12 sampling weeks.
- 33 Includes ILL lending and some staff transactions.
- 35 Borrow Direct counts are volume counts; traditional ILL counts are title counts. Traditional ILL counts include some of the requests submitted by CUL patrons for items that are available at CUL.
- 36 WorldCat Local became CUL's main catalog in June of 2009, which increased CUL's borrowing requests.
- 37, 38 Does not include 1 JSD (Doctor of the Science of Law) and 3 DMAs (Doctor of Musical Arts). Previous recent year counts included JSDs, which explains the decrease in our 2010-2011 figure.
- 41, 43 Part-time students are employees only and participating in the Employee Degree Program.

**DARTMOUTH**

- Library branches included: Baker-Berry Library, Feldberg Business & Engineering Library, Kresge Physical Sciences Library, Paddock Music Library, Rauner Special Collections, Sherman Art Library, Storage Library.
- Data from the Health Sciences Libraries are also included in the figures reported.
- 1.b.i, 2, 3 Purchased a large number of electronic books through packages in 2009-2010.
- 1.b.ii Withdrawals part of ongoing deaccessioning project.
- 5.a.ii Decrease reflects transition to electronic journals from print journals.
- 5.b.ii Added a large number of freely accessible serials to our catalog. This figure includes all branch libraries including the health library.
- 5.b.iii Indicates increased consortial activity.
- 22 This figure includes all branch libraries including the health library.
- 43 Part-time graduate students vary from year to year as non-degree participants are counted in this figure (employees, community members).



## DELAWARE

- 1.b Variance from 2008-2009 figure a result of a major collection review project in 2009-2010.
- 2 The number of titles held June 30, 2009 has been revised to 2,081,393.
- 3 Does not include electronic books.
- 5.a Library purchased access to additional full-text serial databases in 2009-2010.
- 5.b Increase resulted from effort in 2009-2010 to provide additional access to serial titles not purchased.
- 30 There was an error in the figure reported for 2008-2009. The number of library presentations to groups for 2008-2009 was 380.
- 33 Library online system does not provide a count of initial circulations, only total circulations.
- 37 There was an error in the figure reported for 2008-2009. The number of PhDs awarded in 2008-2009 was 208.

## DUKE

Library branches included: Library branches included: Perkins Library (Main Library), Music Library, Lilly Library, Rare Books Manuscripts Special Collections Library, and Marine Lab Library, as well as Divinity School Library and Ford Library. Data from the Law and Health Sciences Library are also included in the figures reported.

- 1.a Volumes held June 30, 2009 revised to 6,084,524.

## EMORY

All figures are as of 08/31/2010 [Main Library] [Oxford College Library] [Theology Library].

Library branches included: Library branches include Health Sciences Center, Hugh MacMillan (Law), Oxford College, and Pitts Theology Libraries. [Main Library].

- 1.a Volumes held June 30, 2009 adjusted to 3,571,161 based on addition of e-book packages (142,495) and government documents (13,852) to OPAC. This figure includes 2,426,379 volumes from the Main Library. [Main Library]
- 1.b.i Decrease due to reduction in ordering in 2010. [Oxford College Library]
- 1.b.ii Increase due to greater withdrawal of print copies where electronic format is available and weeding project to gain space. [Main Library]
- 1.b.ii Increase due to withdrawal of a significant portion of the periodical and reference collections deduped holdings, and content available elsewhere. [Oxford College Library]
- 1.b.ii Increase due to greater withdrawal of print copies where electronic format is available. [Theology Library]
- 5.a.i Decrease due to departure of requesting faculty. [Oxford College Library]
- 5.a.ii Decrease due to ongoing transition to electronic format serials or cancellation. [Main Library]
- 5.a.ii Decrease due to annual adjustment to account for serials cost inflation. [Oxford College Library]
- 5.b, 5.b.iv Decrease due to government documents not being included in count of current serials. [Main Library]
- 7, 13, 14 Change magnitude due to reporting error in 2008-2009. [Theology Library]
- 14 Increase due to rise in number of requests. [Oxford College Library]
- 16 Decrease due to cutting periodical spending and significant weeding in reference and periodical collections. [Oxford College Library]
- 16 Decrease due to fewer dollars available from gifts for materials acquisitions [Theology Library]
- 16.a Increase due to gift book, recon, and Woodruff books added to Oxford collection. [Oxford College Library]
- 16.b Decrease due to annual adjustment to account for serials cost inflation. [Oxford College Library]
- 17 Efforts to reduce contract binding are ongoing, plus there is continuing transition to electronic format only for serials. [Main Library]
- 17 Shipment delayed and sent next year. [Theology Library]
- 18.b, 27b Reduction in force took place in September 2009. [Main Library]
- 18.b, 27b Reduction due to loss of 2 IT staff to reassignment and to a reporting error in 2008-2009. [Theology Library]
- 22 Spent less on one-time e-resource purchases this year and more on other types of library materials. [Main Library]
- 27.c Students are being used for additional tasks. [Main Library]

## FLORIDA

Library branches included: 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.

## FLORIDA, cont.

- 1.a Volumes held June 30, 2009 revised to 4,303,078.
- 1.b, 1.b.i 65,000 e-books from Government Documents collections were added per Catalog Department.
- 5.a.i Figure increased due to print to e-journal switches and added titles to e-journal packages.
- 26 Figure increased due to new type of invoice charges with Lyris (routing through ILL), a significant increase in ILL activity, plus a reconciliation of earlier charges.

## FLORIDA STATE

Library branches included: Library branches included: Main Library (Strozier), Dirac Science Library, College of Engineering Library, Allen Music Library, Goldstein College of Information Library, Ringling Museum of Art Library, Panama City, Panama Library, and Panama City, Florida Library.

Data from the Law and Health Sciences Library are also included in the figures reported.

- 1 Contains 297,433 e-books from the following sources: EEBO (via ProQuest), ECCO (via Gale-Cengage), Evans (via Newsbank), Shaw Shoemaker (via Newsbank), ebrary, Netlibrary, Oxford, NWLD (North American Women's Letter and Diaries), SWRP (Scottish Women Poets of the Romantic Period), APA, and CRCnetBASE.
- 1.a Volumes held June 30, 2009 revised to 2,887,551.
- 1.b, 1.b.ii For 2008-2009, 24,490 volumes (including e-books, e-journals, e-serials, books, and journals) were included in the figure for question 1.b.i. without including 9,886 government documents, which would have resulted in 34,376 volumes added gross. In addition, only the 14,035 volumes (including e-books, e-journals, e-serials, books, and journals) was counted in question 1.b.ii. The figure for government documents withdrawn from the collection – a total of 63,027 volumes - was left out. The total volumes withdrawn for question 1.b.ii. should have been -101,552. The resulting volumes added for question 1.b. for 2008-2009 should equal -67,176. The very large amount of volumes withdrawn in 2008-2009 were due to a major weeding of the government documents collection.
- 5.b.i The increase in this number is from the acquisition of a number of Wiley titles and the activation of some previously non-utilized resources within Serials Solutions.
- 5.b.ii Several freely accessible packages were removed because of access issues. This caused a reduction in the number of freely accessible resources that were offered in our catalog.
- 8 After a consolidation of the government documents collection, a new measurement of the linear ft. of documents provided a more accurate estimate of holdings.
- 10 Addition to our collection of the Claude Pepper Center's archives, plus the counting of some stored materials resulted in significant increase of our manuscripts holdings.
- 16.a There has been a concerted push to increase/improve Arts & Humanities collections, resulting in increased monographic spending.
- 16.b Over 600 print titles were canceled with the 2009-2010 Reallocation Project for the 2010 renewals; this is why the expenditure dropped.
- 16.c Additional funds, \$800,000, were given to University Libraries from the College of Medicine for specific e-journal subscriptions.
- 17 The music library did a major re-evaluation of the stacks and rebound many items as well as going back binding many unbound periodicals in the stacks. This accounts for the substantial increase in contract binding spending.
- 18.c FSU Libraries opened a new Learning Commons with a student assistant-heavy staffing plan. In addition, a library managed, night-time tutoring initiative was launched, which resulted in increased hiring of student employees. Further, our libraries' security department increased the number of student assistants to cover another library location.
- 22 The increase is due to the JSTOR backfiles purchase as well as the purchase of the Times Digital resource.
- 23 On top of this year's subscription inflation of at least 8%, we added JSTOR subscription cost. This explains the ~13% increase in this year's number.
- 24.a There was an error in the 2008-2009 figure in OCLC costs from the Ringling Museum library. The 2008-2009 figure should have been \$7,700 instead of \$77,000. That is the large percent difference this year.
- 24.b Our expenditures as recorded in 24b decreased due to the following factors: CRL was canceled; There was a decrease in consortial funding.

## FLORIDA STATE, cont.

- 25 Due to the opening of new Learning Commons floor, the library was given funding to do a technological refit of the entire floor -including software packages, new computers, an assistive technology lab, smartboards, etc. This caused a significant increase in computer hardware and software expenditures.
- 27 There was a significant increase in this number of FTE employees in the library due to the increase in student assistant employment, see the footnote for question 27.c for more information.
- 27.c This number increased due to the opening of a new Learning Commons with a student-heavy staffing model, a library-provided tutoring program started, our security department increased its hires of student assistants; and due, to budget issues, there was an overall increase in Federal Work Study hiring.
- 28 As we opened a new Learning Commons on a completely remodeled floor, we moved away from a one desk model to a multi-service point model. Also, we have increased outreach to residence halls, 24/7 VR, and services provided at off-campus locations to our research facilities.
- 29 The library is physically closed for 34 hours a week. This number has increased due to the library expanding its hours to 24/5. This accounts for our increase in public service hours.
- 31 On our in-house statistics forms, we changed the definition of presentation to include trainings offered to staff as well as library tours. This has caused the number of presentations to go up slightly with the number of overall participants go down slightly.
- 32 We have seen an increase of reference transactions due to increased visibility on newly opened floor, newly offered concierge services, as well as outreach to the resident halls.
- 35 The ILL Dept was short staffed during a substantial portion of the year, causing them to be able to fill fewer requests.
- 38 The budget crisis in the state of Florida has led to Florida State University to eliminate some fields of study as a cost saving measure.

## GEORGE WASHINGTON

Library branches included: The Estelle and Melvin Gelman Library, The Eckles Library, and Virginia Science and Technology Campus Library.

Data from the Law and Health Sciences Library are also included in the figures reported.

- 1.a Volumes held June 30, 2009 revised to 2,267,666.
- 5 This fiscal year, by using our e-resource management system, we've identified and are counting a more complete set of journals. We followed the procedures provided by ARL for using Serials Solutions data in counting e-journals.
- 5.b.i Since WRLC no longer purchases e-resources for the consortium out of central funds, this number is 0. All other consortially-acquired resources are purchased by GLS via Lysrasis or NERL and are reflected in counts for currently purchased electronic journals.
- 5.b.ii This year, we've identified and are counting a broader range of resources.
- 8 In previous years only Federal documents were counted. This year we are counting all types of government documents.
- 13 Bought a large collection in 2008-2009. Returned to normal buying practices this year.
- 18.c Move to hiring federal work study only students during the school term.
- 21 We did not distribute nor did we spend our entire endowment pay out.
- 22 In 2008-2009 we reported \$62,215. Instead it should have been \$119,988. In 2009-2010 we have ordered more e-books.
- 26 In 2008-2009 we reported \$56,476, but it should have been \$82,696.
- 27.a There were 5 open positions during this past year.
- 27.b There were 9 open positions during the past year. This number also includes 4 contract staff. In 2008-2009 we determined that contract employees were inadvertently left out of this count. The correct number for Support Staff is 74.
- 37 The School of Engineering and Applied Sciences are now offering more PhD programs than in past years.

## GEORGETOWN

Library branches included: Blommer Science Library, Woodstock Theological Center Library, Bioethics Research Library, Qatar Library.

Data from the Law and Health Sciences Library are also included in the figures reported.

- 1.a Volumes held June 30, 2009 revised to 3,433,322.

## GEORGETOWN, cont.

- 32 For 2009-2010, sampling of reference transactions was implemented at Lauinger Library (following the Yale model). Before, we were only capturing data for transactions at the reference desk. Now, we are able to collect data from all departments and staff participating in reference transactions, no matter where those transactions take place in the Library. We experienced something of an over-count since this is the first year implementing the sampling program but feel sure over the next couple of years the numbers will stabilize and be more reliable.

## GEORGIA

Data from the Law Library are also included in the figures reported.

- 1 Includes OECD-3,290; PAHO-12; EEBO-164,896; Gale-10; Misc. e-books-247; Springer-16,602.
- 3 Includes 16,598 e-books purchased.
- 16.d Memberships: \$103,009; Bibliographic utilities: \$102,513; Shipping & handling: \$111,046; Endnote and Refworks: \$41,485; Media: \$50,661; Maintenance: \$500.

## GEORGIA TECH

Library branches included: Main Library, Architecture Library.

## GUELPH

All figures are as of 04/30/2010.

- 1.b.i Fewer electronic books added to collection. Process of library re-organization meant less time for book ordering.
- 1.b.ii Branch library closed resulting in substantial withdrawal program.
- 3 Figure reflects the number of print monographs ordered. Monograph ordering slowed by library re-organization and transition to new book vendor.
- 5.a.i Increase due to addition of one aggregator package, and growth in the number of journals included for several other packages.
- 5.a.ii Print subscriptions renewed in electronic format whenever possible.
- 5.b, 5.b.ii Increase due to growth of Directory of Open Access Journals (5,730 journals in total) available through Library's web site.
- 16-26 Expenditures as reported in Canadian dollars: (16a) \$1,418,590; (16b) \$3,952,585; (16c) \$369,741; (16d) \$816,540; (16) \$6,557,456; (17) \$12,956; (18a) \$3,599,683; (18b) \$2,918,288; (18c) \$235,972; (18) \$6,753,943; (20) \$1,591,661; (21) \$14,916,016; (22) \$609,085; (23) \$3,787,309; (24a) \$216,394; (24b) \$0; (25) \$353,994; (26) \$62,610.
- 16.c Increase in expenditures due to one-time purchase of electronic products like journal backfiles.
- 16.d Decrease due to smaller "infrastructure" payments to support open access, and other initiatives.
- 17 Reduced binding costs reflect continuing move to electronic resources.
- 20 Increase due to costs associated with library voluntary early retirement program.
- 22 Increase in expenditures due to one-time purchase of electronic products like journal backfiles.
- 24.a Includes payments to OCLC for technical services support, and the Ontario Council of University Libraries.
- 24.b Canadian federal government grants for purchase of electronic content (DCI program) have stopped.
- 25 Lower costs related to a variety of factors and decisions related to lease or purchase agreement economies.
- 26 Cost of DD/ILL services to obtain journal articles has dropped substantially due to the increased availability of local e-resources.
- 27.c Fewer staff necessary due to reductions in building hours and closure of a branch library.
- 28 Decrease due to closure of branch library.
- 29 Decrease due to changes to library operating hours.
- 30, 31 Decrease in group presentation and participation numbers was due to Library-wide restructuring and planning activities
- 35, 36 ILL loads (demand and supply) are dropping because of local and system-wide collection improvements.
- 41, 43 2009-2010 values similar to numbers from 2007-2008. Not known why 2008-2009 were high.

## HARVARD

2009-2010 data reflects the implementation of new methods for library assessment at Harvard. Prior years do not reflect the new methodology.

Data from the Law and Health Sciences Library are also included in the figures reported.

- 18.a Decrease is due to a significant budget reduction in the Harvard College Library (the largest of Harvard's Libraries in 2009-2010).

## **HARVARD, cont.**

- 21 The overall reduction in library expenses can be attributed to lower endowment payouts for the sake of collections and staffing reductions around the University but most significantly in the Harvard College Library.
- 27.a, 27.b Harvard experienced drastic changes to staffing in 2009-2010, but some of the variance here may be due to a change in the methodology used to gather statistics.

## **HAWAII**

Library branches included: University of Hawaii at Manoa Library (main) housed in two buildings: Hamilton Library, Sinclair Library. Data from the Law and Health Sciences Library are also included in the figures reported.

- 1.b, 1.b.i, 3, 16.a, 17, 18.c Decrease due to budget restriction.
- 1.b.ii Increase due to deaccessioning projects.
- 5.b, 5.b.ii Increase due to project to capture freely accessible titles.
- 5.b.iv Figure reported for 2009-2010 was in error; accurate data is not available.
- 10 Increase due to addition of collection not previously reported.
- 16.d Increase due to one-time purchase of a digital collection.
- 20 Increase due to grant funding.
- 22, 25 Decrease due to one-time, supplemental funding received in the 2008-2009.
- 24.a Decrease due to prepayment in 2008-2009.
- 30, 31 Increase due to new library instruction program.
- 32-34 Decrease reflects a continuing downward trend in circulation and reference transactions.
- 41, 43 Figures reported by the institutional research office; may reflect increased part-time enrollment due to the economy.

## **HOUSTON**

All figures are as of 08/31/2010.

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

Data from the Law Library are also included in the figures reported.

- 16.c Increased expenditures in this category result from early payoff of charges for Proquest.

## **HOWARD**

Library branches included: Main Library (and special collections), Health Sciences, Law.

- 1.a Volumes held June 30, 2009 revised to 2,598,704.
- 2 The newly appointed metadata cataloger, in consultation with OCLC, determined that there were 671,027 bibliographic records in the Main Library and the Health Sciences Library which share an online catalog. The Law Library's records were added to this number for the overall count.
- 3 This figure includes monographic volumes purchased in the special collection, Moorland Spingarn Research Center (MSRC), as well as the Main Library, Law and Health Sciences. The cataloger for the Main Library now catalogs books for MSRC.
- 7 Law added 2,398 units and the Main Library added 336 to the existing microforms.
- 10 Law Library increased its manuscripts and archives by 30 lin. ft. while MSRC added 25,997.
- 16 The Acquisitions Supervisor elected to participate in the Voluntary Separation and Incentive Retirement Program; therefore, he was not present to oversee the complete order/procurement and payment process. There were records and processes that only he could access. Thus, some resources were dropped inadvertently. New staff persons will correct the problems in the next fiscal year.
- 18 This figure reflects the impact of the departure of salaried personnel who elected to participate in the Voluntary Separation and Incentive Retirement Program on June 30, 2009. The staff size and, concomitantly, the salaries plummeted.
- 18.c The Financial Aid Office assigned 88 students to the Main Library complex.
- 21 The impact of the University's Voluntary Separation and Incentive Retirement Program, which took effect June 30, 2009, was manifested in 2009-2010 through reduced purchases and expenditures. That is, several significant selectors left the university and publications in the affected disciplines were not acquired.

## HOWARD, cont.

- 27 This figure reflects the impact of the departure of salaried personnel who elected to participate in the Voluntary Separation and Incentive Retirement Program on June 30, 2009. The staff size and, concomitantly, the salaries plummeted.

## ILLINOIS, CHICAGO

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

Data from the Health Sciences Library are also included in the figures reported.

- 1.a Volumes held June 30, 2009 revised to 2,424,306.
- 4 Count is physical & bibliographic.
- 16 Overall, our budget decreased in 2009-2010, and we reduced our spending on library materials.
- 21 The Total Library Materials figure for 2008-2009 is incorrect, and the 2009-2010 figure seems anomalous by comparison. Total Library Materials as of June 30, 2009 revised to \$18,574,800, which includes \$13,699,423 for the Richard J. Daley Library. These revised figures yield an actual percent change of -5.0%, rather than -14.4%.
- 22 The increase in one-time electronic resource purchases is due to a student fee instituted by the university instituted in fall 2008 that enables the library to purchase electronic resources specifically requested by students.
- 23 The increase in ongoing electronic resource purchase expenditures reflects a more accurate tabulation than reported in the 2008-2009 statistics. The 2009-2010 figure is a more accurate representation of these expenditures.

## ILLINOIS, URBANA

Data from the Law Library are also included in the figures reported.

- 1.a Volumes held June 30, 2009 revised to 12,906,931. Includes records for 126,894 items added to the recorded collection for the first time as the result of ongoing retrospective processing projects.
- 16.c Significant increases in 2009-2010 expenditures for back issues, microform periodicals, and media acquisitions.
- 16.d Includes: Postage/freight (\$165,123); handling (\$35,973); fuel surcharge (\$504); ILL (\$3,435); copyright fees (\$28,257); memberships (\$85,064); preservation services (\$112,302); MARC records (\$114,252); equipment (\$201).
- 18.a Includes academic staff (\$9,960,923) and Graduate Assistants (\$1,132,163).
- 18.c Change in accounting system now allows accurate inclusion of graduate hourly wage expenditures.
- 25 Includes hardware (\$394,281) and software (\$71,718).
- 27.a Includes 37 FTE Graduate Assistants.
- 27.c Includes graduate hourly students (45 FTE) and undergraduate student assistants (66 FTE).

## INDIANA

Library branches included: The IUB Libraries survey includes Indiana University Bloomington University Libraries: Black Culture Center; Business/SPEA; Chemistry; Education; Fine Arts; Geosciences; Health, Physical Education and Recreation; Herman B Wells Library; Life Sciences; Music; Optometry; and Swain; Lilly Rare Books Library, University Archives and Wylie House Museum; and other Bloomington campus libraries: Archives of African American Music and Culture, Archives of Traditional Music, CeDir, GBLT, Kinsey Institute, Law, Residence Halls, and Workshop in Political Theory and Policy Analysis.

Library branches NOT included: Ruth Lilly Medical Library, IU Campus Libraries in Indianapolis (including professional schools), Fort Wayne, Gary (Northwest), Kokomo, New Albany (Southeast), Richmond (East) and South Bend.

Data from the Law Library are also included in the figures reported.

- 1.a Volumes held June 30, 2009 revised to 8,557,906. 110,126 e-book collection titles from the following sources were added to our 2008-2009 holdings: Individual Collections Titles - Congressional Hearings: 44,713; Congressional Hearings Serials Set (monographs): 17,332; ECCO: 46,577; US Depository Ebooks (SuDocs) 1,504. New e-books included in current year added volumes.
- 5, 5.b.ii Increase due primarily to turning on numerous free and open access e-journals in Serials Solutions.
- 7 Branch library downsized and withdrew numerous microforms.
- 8 Uncataloged government documents counted here.
- 10 Report reflects correction.
- 14 Film collections were donated this year; we added numbers of film holdings in storage.
- 16.c Expenditure approximate as Miscellaneous library materials moved from Other Library Materials.



## INDIANA, cont.

- 16.d Library materials budget expenditures for ILL, handling, bibliographic utilities, office copies, etc. moved to Miscellaneous expenditures this year.
- 24.a Cataloging credits were identified and subtracted from total expenditures.
- 24.b State funded electronic resource contribution value was updated.
- 26 ILL credits were identified and subtracted from expenditures this year.
- 27 The 2008-2009 figure for professional and support staff, excluding hourly, should have been 345, rather than 300.
- 32 Online Reference Portal instituted to capture reference queries.
- 42 Increase in full time grad students due to 2009-2010 recession.
- 43 Increase in part time grad students due to 2009-2010 recession.

## IOWA

Data from the Law and Health Sciences Library are also included in the figures reported.

- 1 Added new e-books to our base count per instructions, so this is higher than the 2008-2009 figure by over 173,000.
- 1.a Volumes held June 30, 2009 revised to 5,310,973.
- 18.a Includes programming staff that support the Libraries but not directly from Libraries' budget.
- 20 Includes equipment costs that support the Libraries but not directly from Libraries' budget.
- 25 Includes hardware and software costs that support the Libraries but not directly from Libraries' budget.
- 27.a Includes 3 FTE programmers who support the Libraries but not paid directly from Libraries' budget.

## IOWA STATE

Library branches included: Veterinary Medical Library.

- 1.a Volumes held June 30, 2009: 2,607,369 due to the addition of 29,225 electronic books from four e-book collections that were not included in the 2008-2009 figure.
- 1.b.i 37,043 includes 1,849 e-books. (Complete breakdown by product is not available.)
- 3 27,053 includes 756 e-books. (Breakdown by product is not available.)
- 20 Significant decrease in Other operating expenditures is due to concerted effort to expend gift funds in 2008-2009 on materials acquisitions, furniture, and equipment.
- 16 We had less money to spend in 2009-2010 because of budget cuts.
- 20 In 2008-2009, we had a significant increase in "Other Operating Expenditures" due to a concerted effort to expend gift funds on materials acquisitions, furniture, and equipment. The figure for 2010-2011 appears anomalous compared to the 2008-2009 figure because these funds were not available in 2009-2010. Moreover, we also had less money to spend in 2009-2010 because of budget cuts.
- 21 Budget cuts caused decreases in all components of question 21. (Most notably, question 20 decreased by more than 75%.) The cumulative effect of these cuts resulted in a decrease in total library expenditures overall for 2010-2011.
- 22 Significant increase in One-time electronic resource purchases is due to a conscious decision to purchase more e-books in 2009-2010.
- 28 In 2009-2010, the Physical Sciences Reading Room closed.
- 29 In 2009-2010, Friday and Saturday evening open hours were cut, closing at 8:00 pm instead of 10:00 pm.
- 30 Increase in Number of library presentations to groups is due to more librarians offering orientation sessions to individual departments and colleges, as well as teaching multiple sessions of course presentations to the same group of students. Instruction data from other library units, such as Special Collections, are also newly included.
- 40-43 Figures reported for 2009-2010 are accurately pulled from Fall 2009 enrollment data. However, in reporting enrollment figures for Fall 2008 last year, Institutional Research accidentally provided Fall 2009 figures. Correct Fall 2008 figures are: 40. Full-time students: 23,502; 41. Part-time students: 3,354; 42. Full-time graduate students: 3,109; and 43. Part-time graduate students: 2,140.

## JOHNS HOPKINS

Library branches included: Milton S Eisenhower Library, Welch Medical Library, SAIS Mason Library, Institute of the History of Medicine, SAIS Bologna Center, Arthur Friedheim Library.

Please see the footnotes for questions 5, 5a, 5aii, 18c, 22, and 23 for revisions to the 2008-2009 figures for these items. These revisions more accurately reflect our library, and bring the 2008-2009 figures for these items more in line with our 2009-2010 data.

## **JOHNS HOPKINS, cont.**

- 1.a Volumes held June 30, 2009 revised to 3,737,810.
- 2 Titles held June 30, 2010 for the 2008-2009 report revised to 2,857,725. There is some overlap of electronic titles and AV titles with print.
- 5 2008-2009 figure revised from 100,074 to 98,757.
- 5.a 2008-2009 figure revised from 61,598 to 60,279.
- 5.a.ii 2008-2009 figure revised from 5,012 to 3,825.
- 18.c 2008-2009 figure revised from 162,876 to 561,677.
- 22 2008-2009 figure revised from 886,462 to 878,462.
- 23 2008-2009 figure revised from 10,257,317 to 10,227,917.

## **KANSAS**

Library branches included: Regents Center Library, Edwards Campus (Overland Park, KS).

Data from the Law and Health Sciences Library are also included in the figures reported.

- 16.c 2009-2010 total reflects an increase due to major one-time purchases of serials backfiles.
- 24.a 2009-2010 amount reflects a reduction carryforward balance.
- 37 Figure taken from IPEDS 2008-2009 completions.
- 38 Figure taken from NCA Annual Report, 2009.
- 39 Figure taken from IPEDS 2009, HR.
- 40-43 Figure taken from Fall 2009 Common Data Set / IPEDS.

## **KENT STATE**

Library branches included: Architecture, Chemistry/Physics, Fashion, Map, Mathematics, Performing Arts.

Library branches NOT included: Regional campus libraries (NOT on the Kent campus).

- 5 Serial titles are NOT deduplicated.
- 18 Positions have been lost and some replacements have occurred at much lower pay levels.
- 27 We included here a proration for student workers (based on hourly rate divided by 2080 to get FTE).
- 39-43 Counts provided for Kent State 8 campus system.

## **KENTUCKY**

Library branches included: Libraries included are: William T. Young Library, Agricultural Information Center, Design Library, Fine Arts Library, Education Library, Engineering Library, Equine Library, Kentucky Transportation Center Library, Law Library, Medical Center Library, Science Library, Special Collections Library.

- 1.a Volumes held June 30, 2009 revised to 3,835,011 which includes 3,326,803 volumes from the Main Library. Added 50,629 e-books from Eighteenth Century Collections Online to the figure reported in 2008-2009.
- 3 Total includes 50,629 e-books from Eighteenth Century Collections Online.
- 5.a.i, 5.b.i, 5.b.ii Main Library total for electronic serials purchased includes titles for Law and Medical Center Library also. Not able to produce separate totals.
- 5.b.iv Unable to deduplicate the government documents total.

## **LAVAL**

All figures are as of 05/31/2010.

Library branches included: We have one library in two buildings: Social and Human Sciences Library (including Law) and the Sciences Library Building (including Medicine). Data from all are included in the 2009-2010 ARL Statistics.

- 16-26 Expenditures as reported in Canadian dollars: (16a) \$4,982,264; (16b) \$6,457,842; (16c) \$205,675; (16d) \$232,831; (16) \$11,878,612; (17) \$48,015; (18a) \$4,366,221; (18b) \$6,572,389; (18c) \$15,443; (18) \$10,954,053; (20) \$620,043; (21) \$23,500,723; (22) \$335,621; (23) \$7,097,964; (24a) \$0; (24b) \$0; (25) \$0; (26) \$57,429.
- 38 In 2010, numbers of fields are numbers of faculty at Laval University.



## LOUISIANA STATE

Library branches included: Health, Law.

- 1.a Volumes held June 30, 2009 revised to 4,128,973. This figure includes 3,627 e-books added to the library collection from the following: Springer=3,335 e-books; Knovel=292 e-books.
- 2 Unable to report unique titles.
- 5.a.ii There is no current method in place to identify these titles. However, we are working toward this goal by adding check in records for all print serials received.
- 5.b.i Unable to count these titles as most are purchased by the LOUIS (The Louisiana Library Network) consortium.
- 18.a, 21 Due to budget cuts and other financial obligations we have decreased library expenditures and library staff in 2009-2010.

## LOUISVILLE

Library branches included: Main, Art, Music, Health Sciences.

Library branches NOT included: Law.

- 5 The numbers are significantly different this year than in previous years because in past we ran a query against the SFX knowledgebase downloads that probably contained records that were not actually journals. The reports are now being prepared in the way SFX recommends. Consequently, that gives us a considerably lower number.
- 16.b Change in this figure and our serials unit cost for 2009-2010 due to serials clean-up project and on-going move from print to electronic format.

## MCGILL

All figures are as of 05/31/2010.

Library branches included: Birks, Education, Islamic Studies, Life Sciences, Osler, Humanities & Social Sciences, Blackader Lauterman, Marvin Duchow music, Howard Ross Management, Law, Schulich, Hirschfeld Geo, Edward Rosenthal Math & Macdonald campus library.

Data from the Health Sciences Library are also included in the figures reported.

- 1.a Volumes held June 30, 2009 revised to 4,229,940. Figure adjusted to reflect additional titles loaded through batch loading.
- 16-26 Expenditures as reported in Canadian dollars: (16a) \$4,317,657; (16b) \$9,700,640; (16c) \$211,669; (16d) \$362,534; (16) \$14,592,500; (17) \$64,855; (18a) \$5,854,066; (18b) \$6,785,598; (18c) \$331,213; (18) \$12,970,877; (20) \$2,975,277; (21) \$30,603,509; (22) \$1,160,869; (23) \$8,615,438; (24a) \$0; (24b) \$0; (25) \$943,439; (26) \$57,451.

## MCMASTER

All figures are as of 04/30/2010.

Library branches included: Mills Memorial Library, H.G. Thode Library of Science & Engineering, Innis (Business) Library.

Data from the Health Sciences Library are also included in the figures reported.

- 3 Reduced budget for acquisitions.
- 5.b.iii Reducing print collections.
- 12 Includes items not counted previously, in error.
- 14 Library assumed responsibility for multimedia collection previously held by the Faculty of Humanities.
- 16-26 Expenditures as reported in Canadian dollars: (16a) \$1,213,965; (16b) \$6,545,848; (16c) \$327,212; (16d) \$939,796; (16) \$9,026,821; (17) \$3,399; (18a) \$4,494,790; (18b) \$3,382,347; (18c) \$547,886; (18) \$8,425,023; (20) \$1,227,004; (21) \$18,682,247; (22) \$131,222; (23) \$6,032,710; (24a) \$25,000; (24b) \$509; (25) \$214,244; (26) \$54,751.
- 20 One-time funding received in 2008-2009; therefore, 2009-2010 figure is lower.
- 25 New hardware and software for renovated spaces purchased in 2008-2009; therefore, 2009-2010 figure is lower.

## MANITOBA

All figures are as of 03/31/2010.

Library branches included: William R. Newman Library(Agriculture), Architecture/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-Gramattee Music Library, Sciences and Technology Library, Neil John Maclean Health Sciences Library, Bill Larson Library, Carolyn Sifton-Helene Fuld Library, Concordia Hospital Library, J.W. Crane Memorial Library, Misercordia Health Centre Library, River Health Centre Virtual Library, Seven Oaks General Hospital Library, Victoria General Hospital Library.

- 5.b.iv It is not possible to provide a separate count for government document serials received but not purchased.
- 16-26 Expenditures as reported in Canadian dollars: (16a) \$1,739,252; (16b) \$6,786,578; (16c) \$0; (16d) \$346,655; (16) \$8,872,485; (17) \$85,053; (18a) \$5,944,854; (18b) \$5,836,035; (18c) \$914,363; (18) \$12,695,252; (20) \$2,189,382; (21) \$23,842,172; (22) \$366,089; (23) \$4,699,478; (24a) \$145,000; (24b) \$0; (25) \$456,713; (26) \$153,000.
- 16.c A/V materials, manuscripts, charts and maps, etc. included in questions 16a and 16b cannot be disaggregated.
- 16.d Includes expenditures for the following: Service Expenditure; Collection Appraisals: \$122,312; World Cat Coll; Ref Works; Centre for Lib Res; CrossRef; MARCIt; OCLC Connexions; Springer e-book Cat; Alouette; Bib Records; LOCKSS; Portico; Blackwells; TOC; CLOCKSS; LTI; Format migration: \$14,786; LLMC Digital: \$856; PST: \$81,932; GST: \$2,041; Post/Handling: \$124,728.

## MASSACHUSETTS

Library branches included: Science & Engineering Library, and the Image Collection Library.

- 1.a Figure revised to reflect previously uncounted e-books.

## MIT

Library branches included: All libraries at MIT are included in the ARL Statistics.

- 1.b.i Figure includes the following volumes: 31,515 print; 29,199 e-books; 5,465 e-theses; 1,147 digitized.
- 3 Figure includes the following monographs: 18,075 print; 450 e-books individually purchased; 153,043 e-books purchased in packages; Eighteenth Century Collection Online (ECCO) 136,000; Springer Ebook 16,585; IEEE/Wiley 400; Oxford Scholarship Online: Neuroscience 68.
- 5.b.ii Freely accessible e-journals reduced approximately 4,000 titles by changing the SFX Target for Miscellaneous Free Ejournal from "auto-on" status to selecting only titles of interest.
- 9 Beginning with the 2009-2010 report, digital images formerly reported as computer files are now being reported in the ARL Supplementary Statistics, question 10.c, as part of our library digital collection.
- 27.c Includes both student and casual staff (in lieu of students).
- 28 Two small branch libraries closed at the start of 2009-2010: 1) Aeronautics 2) Earth, Atmospheric & Planetary Science.
- 32 This figure now correlates to the one reported in the MIT Libraries' 2009-2010 Annual Report.

## MIAMI

All figures are as of 05/31/2010 [Central Library (Richter)] [Marine Library].

Library branches included: Includes the Richter Library (Central Library), Buisson Reference Library (architecture), Prokop-Newman Information Resource Center (business), Rosenstiel School of Marine and Atmospheric Science Library, Weeks Music Library, and the independent Calder Memorial (medical) and Law Libraries.

- 1 Includes 561,979 ETDs and e-books. [Central Library (Richter)]
- 2 Includes print, e-book, and microform titles in the ILS database. Does not include non-recon titles, e.g., pre-1976 government documents, special collections, and a small percentage of general collections. Volume counts for the latter are included in our volumes held, as we kept an historic physical volume count prior to the use of an ILS. [Central Library (Richter)]
- 6 Only e-serial government document titles are included. [Central Library (Richter)]
- 13 Includes 5,580 e-music titles. [Central Library (Richter)]
- 14 Figure includes Medical library audiovisual materials (questions 11-14) and computer files (question 9). [Central Library (Richter)]
- 18.a Excludes salaries of the Dean and University Librarian and directors of the law and medical libraries. [Central Library (Richter)]

## MIAMI, cont.

- 27.a Includes library faculty and selected non-faculty professional staff. Medical library reports all non-faculty professional staff in question 27b. [Central Library (Richter)]
- 27.b Medical library reports both support and non-faculty professional staff in question 27b. [Central Library (Richter)]
- 30 Central, architecture, business, marine science, and music libraries include library research consultations in library instruction sessions. Medical library does not include consultation sessions, a change from prior year. [Central Library (Richter)]
- 32 Reference transactions reported for 2008-2009 revised from 61,436 to 51,336. Transactions for architecture and music libraries are not available. Law Library reference transactions are based on sampling. [Central Library (Richter)]

## MICHIGAN

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

Library branches NOT included: Dearborn and Flint campuses.

Data from the Health Sciences Library are also included in the figures reported.

- 1.a Volumes held June 30, 2009 revised to 10,610,487 volumes, which includes 10,259,005 volumes from the Main Library. This revision includes 447,687 e-books and 683,749 digitizations of volumes available full text that were added to the HathiTrust digital repository in 2009-2010 and which are accessible through our catalog.
- 1.b This number includes 111,801 physical volumes and as well as 96,205 e-books added during the year.
- 2 Titles held includes titles with at least one HathiTrust full view item.
- 3 This number includes 96,205 e-books added during the year.
- 5 The way we keep our records prevents us from being able to break down our serials into these categories while still deduping on ISSN. Cataloged serials with ISSNs have been deduplicated within and across libraries. The reported figure also includes 25,716 cataloged serials without ISSNs and 13,152 serials which have not been cataloged; neither of these categories has been deduplicated.
- 7 We no longer count microform by physical unit. Our most recent count for the University Library 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.
- 16.c Includes a one-time \$300,000 purchase of a manuscript collection at auction where we raised extra funds just for that purpose.
- 18 The staff of the Digital Media Commons and the University Press are now part of the University Library.
- 20, 21 The expenditures of the Digital Media Commons and the University Press are now included.
- 27 The staff of the Digital Media Commons and the University Press are now part of the University Library. Established AUL for Publishing and the Press reports to the AUL (not the Dean of Libraries) which says something about the degree of operational integration. The Press is being integrated into our wider publishing enterprise, as well as into the library more generally. UM Press staff are considered to be library staff, are serving on library committees, and are collaborating on projects with staff from other library departments. Publishing is considered to be one of the primary areas of library activity now and going forward, and not something done on the side. Administrative operations of the Press have already been absorbed into the Library (e.g. Human Resources, Finance and Facilities Management).

## MICHIGAN STATE

Library branches included: Biomedical & Physical Sciences; Business; Dubai; Engineering; Gull Lake; Mathematics; Veterinary Medicine.

Data from the Law Library are also included in the figures reported.

- 1.a Volumes held June 30, 2009 revised to 5,392,854. The increase is primarily due to the inclusion of 160,964 LexisNexis Serial Set records and 94,157 Serials Solutions records, a total of 255,121 records. The figure for the number of Serials Solutions e-books loaded this year represents a significant increase over our 2008-2009 loads. Moreover, this is the first year that we have included records from the LexisNexis Serial Set.

## MICHIGAN STATE, cont.

- 1.b, 1.b.i This figure includes 24,683 records from the following loads: ACLS Humanities - 559 records, Alexander Street Press - 3,692 records, Coutts Springer - 1,112 records, CRL - 2,781 records, Empire - 738 records, E-Thesis - 7,953 records, HathiTrust (new this year) - 6,033 records, Knovel - 84 records, Literature Criticism Online - 1,563, Synthesis Collection - 168. HathiTrust records were not included in our 2008-2009 figure.
- 1.b.ii MSU discarded a significant number of journal volumes because we now have permanent electronic access. Other volumes were withdrawn due to space issues.
- 5.b.ii MSU selected many more free titles from several different providers this year. Additionally, this is the first year we've included HathiTrust serials in this number.
- 5.b.iv This is the first year we've included Serials Solutions free Government documents records that we've selected from various vendors.
- 7 Estimate due to work flow and personnel changes.
- 16.a Received 7% increase in materials budget allowing us to make major purchases of journal backfiles.
- 22 The amount reported for one-time electronic purchases includes \$800,000 transferred to the Library budget from another campus unit for a special project.
- 32 The substantial increase in reference transactions is due to the branch libraries' participation this year in Desk Tracker, resulting in better reporting of statistics.

## MINNESOTA

Library branches included: University of Minnesota Twin Cities Libraries.

Library branches NOT included: University of Minnesota coordinate campus libraries in Duluth, Crookston, Morris.

Data from the Law Library and the Health Sciences Libraries are also included in the figures reported.

- 1.a Volumes held June 30, 2009 revised to 7,015,659. Figure adjusted for downloaded e-book records.
- 1.b Increase in net volumes added is due in part to a normal number of withdrawals (2009 was extraordinarily high) and in part to projects to reduce backlogs.
- 2 Count is approximate, based on a count of records. It includes UMN coordinate campuses and all material types.
- 3 Volumes purchased count is not available. Count of monographs ordered is reported as in previous years.
- 5 Increase is overstated because of under-reporting of Not Purchased titles in 2009 due to a miscommunication. Total serial titles for 2009 should be 101,760. Increase from 2009 to 2010 should be 8%. See detail in note for Not Purchased total. Counting method was the same in both years.
- 5.a Count of purchased and non-purchased serial titles, broken down by electronic and print/other. Instructions say to count a title as electronic only even if we also have holdings in print/other; ARL requested that we use ISSN as match point.
- A. Purchased
1. Identify all purchased electronic titles using query
    - a. W85=http and WFT=SE not (W85=gpo or W85=gov or WGP=F or WGP=I or WGP=S) and WSL=?INTE not WSL=AINTE (i.e. purchased)
    - b. Removes gov docs
    - c. Eser\_pur
    - d. 36,160 in 2007
    - e. 44,702 in 2008
    - f. 78,239 in 2009
    - g. 84,932 in 2010
  2. Run bib IDs through p\_print\_03 to get ISSNs from 022
    - a. Not all the records retrieved in 1a have an 022 field
    - b. Not unique
    - c. 34,108 in 2007
    - d. 40,760 in 2008
    - e. 48,467 in 2009
    - f. 52,696 in 2010

## MINNESOTA, cont.

- 5.a
3. Run ARC query to get all Bib IDs and ISSNs associated with a Purchase Method order record
    - a. ser\_pur\_ord
    - b. We first made the mistake of limiting to AC and AP order statuses
    - c. Later we realized that we need to get all our holdings, not just active subscriptions so we removed the status filter
    - d. Not unique
    - e. 21,775 in 2007
    - f. 30,992 in 2008
    - g. 32,959 in 2009
    - h. 33,688 in 2010
  4. Compare the ISSNs from #2 with the ISSNs from #3 using Erik's script and dedupe into two buckets:
    - a. Purchased electronic titles
      - i. Includes any overlap between electronic and other formats
      - ii. 29,486 in 2007
      - iii. 35,513 in 2008
      - iv. 47,632 in 2009
      - v. 51,868 in 2010
    - b. Purchased titles in print/other format only (i.e., not held electronically)
      - i. Not counting active subscriptions – counting held titles
      - ii. 20,752 in 2007
      - iii. 20,812 in 2008
      - iv. 22,865 in 2009
      - v. 24,343 in 2010
    - c. Overlap (i.e., in both files)
      - i. 10,227 in 2007
      - ii. 10,170 in 2008
      - iii. 10,094 in 2009
      - iv. 9,344 in 2010
- 5.b Breakdown for categories i,ii,and iv is not available. Total non-purchased title is 33,470 of which 22,434 are electronic and 11,036 are print. Change is due to the fact that 2008-2009 figures are incorrectly recorded due to a miscommunication. Total for 2008-2009 should be 31,163 of which 20,263 are electronic and 10,900 are print.
- B. Not Purchased
1. Identify all non-purchased electronic titles using query
    - a. W85=http and WFT=SE MINUS W85=http and WFT=SE not (W85=gpo or W85=gov or WGP=F or WGP=I or WGP=S) and WSL=?INTE not WSL=AINTE (ie not purchased)
    - b. i.e., start with any serial record with a link and then take out those that are not gov docs
    - c. Eser\_not\_pur
    - d. 16,293 in 2007
    - e. 17,867 in 2008
    - f. 20,368 in 2009
    - g. 22,479 in 2010
  2. Run bib IDs through p\_print\_03 to get ISSNs from 022
    - a. Most of these records do not have an 022 field
    - b. Since we don't expect to have order records for these titles, we plan to add the full number of records without ISSNs back into the total at the end.
      - i. In 2006-2007, this number was 13,000
      - ii. In 2007-2008, this number was 13,571

MINNESOTA, cont.

- 5.b
- iii. In 2008-2009, this number was 14,913
  - iv. In 2009-2010, this number was 16,012
  - c. Not unique
  - d. 3610 in 2007
  - e. 4296 in 2008
  - f. 5455 in 2009
  - g. 6467 in 2010
3. Run ARC query to get all Bib IDs and ISSNs associated with a Non-Purchase Method order record
- a. Ser\_notpur\_ord
  - b. Not unique
  - c. 8099 in 2007
  - d. 11,976 in 2008
  - e. 11,888 in 2009
  - f. 12,016 in 2010
4. Compare the ISSNs from #6 with the ISSNs from #7 using Erik's script and dedupe into two buckets:
- a. Non-purchased electronic titles
    - i. Includes any overlap between electronic and other formats
    - ii. 3467 in 2007
    - iii. 4127 in 2008
    - iv. 5350 in 2009
    - v. 6422 in 2010
  - b. Non-purchased titles in print/other format only (i.e., not held electronically)
    - i. 10,741 in 2007
    - ii. 11,052 in 2008
    - iii. 10,900 in 2009
    - iv. 11,036 in 2010
  - c. Overlap (i.e., in both files)
    - i. 804 in 2007
    - ii. 924 in 2008
    - iii. 988 in 2009
    - iv. 979 in 2010
5. Add in the non-purchased titles without ISSNs to get total of electronic titles
- a. \*\*See #2b\*\*
  - b.  $3467 + 13,000 = 16,467$  in 2007
  - c.  $4127 + 13,571 = 17,698$  in 2008
  - d.  $5350 + 14,913 = 20,263$  in 2009
  - e.  $6422 + 16,012 = 22,434$  in 2010

12 Breakdown by format is not available. Total AV holdings = 922,893.

16.d Miscellaneous expense categories: Library rarely uses materials funds for non-materials expenditures. Most memberships are included with format categories.

22 Increase due to purchase of serial backfiles.

30, 31 Decrease due to shift towards e-learning initiatives partly replacing traditional class format.

## MINNESOTA, cont.

- 32 Decrease in reported numbers is partly due to more accurate recording as well as to decrease in traditional reference transactions.
- 38 Active U of M PhD majors (fields were selected if the program was currently active or was active up to four years prior to collection point and degrees could still be awarded).
- 39 Full-time primarily instruction non-medical faculty reported in EAP survey.
- 42 Includes all post baccalaureate students (graduate/professional).

## MISSOURI

Library branches included: Main Library, Math Library, Engineering Library, Geology Library, Journalism Library, Vet Med Library, Health Sciences Library and University Archives.

Data from the Law Library are also included in the figures reported.

- 1.b.ii Increase due to a rise in the number of microfiche withdrawn.
- 14 Increased due to classes requesting more film and video items.
- 16.a Increased due to additional funds made available for enhancing the collection.
- 16.c Increased due to additional demand on campus for this type of purchase.
- 17 Decrease due to conversion to more electronic materials and a changed binding policy.
- 20 Decrease due to campus restrictions on expenditures for all of 2009-2010.
- 22 Increase due to switch to more electronic resources due to current needs.
- 25 In 2008-2009 more computers were added to Information Commons area. In 2009-2010 there were spending restrictions.
- 26 Increases due to increased demands.

## MONTREAL

All figures are as of 05/31/2010 [Bibliothèques UdeM] [École Polytechnique de Montréal] [HEC Montréal].

Data from the Droit (Law), École Polytechnique de Montréal, HEC Montréal and Santé (Health Sciences) Library are included in the figures reported.

- 1.a Volumes held June 30, 2009 revised to 3,178,528.
- 1.b With the electronic books gaining popularity and place in our collection, we applied a strict weeding library plan. [Bibliothèques UdeM]
- 16 Percent changes in excess of -10% over the 2008-2009 figures for the sub parts of question 16 are due to the weeding work we have done in 2009-2010 in our physical collections. These decreases resulted in the decrease in Total Library Materials Expenditures overall. [Bibliothèques UdeM]
- 16-26 Expenditures as reported in Canadian dollars: (16a) \$2,137,829; (16b) \$10,187,927; (16c) \$120,135; (16d) \$22,302; (16) \$12,468,193; (17) \$109,470; (18a) \$8,162,853; (18b) \$11,163,535; (18c) \$107,508; (18) \$19,433,896; (20) \$870,603; (21) \$32,882,162; (22) \$1,298,812; (23) \$8,699,399; (24a) \$56,306; (24b) \$0; (25) \$745,759; (26) \$239,252.
- 22 Over the last year we focused on increasing our electronic collections. [Bibliothèques UdeM]

## NEBRASKA

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

- 1.a Volumes held June 30, 2009 revised to 3,471,429.
- 1.b, 1.b.i UNL Libraries is purchasing less content due to budget reductions and trends in collection building.
- 1.b.ii Due to space constraints and collection management practices, UNL Libraries is engaging in a number of weeding projects to regain space to prepare for the transition to building an increasingly printless collection, particularly in the sciences.
- 3, 16.a The significant increase in monographs due to the fact that in 2008-2009, UNL Libraries switched approval plan vendors and that resulted in atypically low amount of monograph purchases. Therefore, the numbers reported for 2009-2010 were typical and will not likely fluctuate to the same degree.
- 5.b The increase is due to the fact that UNL Libraries was not able to calculate the amount of "freely accessible" serial titles currently received but not purchased (question 5.b.ii) in 2008-2009. Now we are able to gather such statistics.
- 7 UNL Libraries is divesting in microfilm and continue to weed such collections as needed.



## NEBRASKA, cont.

- 11 UNL Libraries does not have a good way of collecting statistics on our cartographic collections because a great deal of them are government documents. We believe that the statistics that we provide are a gross underestimate of what we actually own and manage in our Geology Library.
- 14 Film and video remain in high demand from UNL Library users, so increasingly more resources are being devoted to acquiring such content.
- 16.c UNL Libraries did not purchase as many backfiles as has been purchased in previous years.
- 16.d ILL work decreased and as a result, postage costs went down significantly.
- 17 As UNL Libraries increasingly invest in e-resources over print, we anticipate binding costs to continue to decrease annually.
- 22 Due to budget cuts and the fact that one time purchases are increasingly difficult to manage, UNL libraries has devoted less resources to these materials.
- 24.b UNL Libraries believe that there was an error in reporting the expenditures for 2008-2009. The error accounts for the drastic increase between 2008-2009 and 2009-2010. We believe that the expenditures for 2009-2010 are typical.
- 25 UNL Libraries chose to invest more in software (Windows 7 upgrade) instead of hardware. In addition, in 2008-2009 atypically large amounts of resources were invested into hardware because we obtained an excellent price. Therefore in 2009-2010 there was little need to invest in hardware.
- 28 The significant reduction in staffed library service points is the result of an error in the 2008-2009 statistics reported by the Schmid Law Library. The current statistic for 2009-2010 is typical, while 2008-2009 is incorrect.
- 30 UNL Libraries devoted more personnel to instruction and made librarian engagement a top priority.
- 35 This may be attributed to an increase in the number of requests that UNL Libraries rejected because we did not own the volume or issue that was being requested, or the issue has not been received yet due to embargoed content or other issues.

## NEW MEXICO

Library branches included: Centennial Science & Engineering Library, Fine Arts & Design Library, Parish Memorial Library, UNM West Library, and Zimmerman Library.

Data from the Law and Health Sciences Library are also included in the figures reported.

Library branches NOT included: Gallup Branch Campus Library, Los Alamos Branch Campus Library, Taos Branch Campus Library, and the Valencia Branch Campus Library.

- 1.a Volumes held June 30, 2009 revised to 3,390,532, which includes 348,168 in a correction to our journal volumes for the University of New Mexico Libraries.
- 1, 1.b.ii Processing of fire-damaged materials has concluded; therefore, there were fewer withdrawals in 2009-2010.
- 1.b, 1.b.i In 2008-2009, the University of New Mexico Libraries purchased a significant number of e-books. In 2009-2010, volumes added returned to numbers in line with prior years.
- 3 Approval plan and firm ordering of books were greatly curtailed in anticipation of budget rescission.
- 5.a.ii Project to convert as many journals as possible to electronic-only continued.
- 5.b.i Increase due to more accurate process used with our ERM.
- 5.b.iv Increase due to a more accurate process used to query our OPAC.
- 14 Increase because library devoted specific CD funds to expanding collection.
- 16.a Approval plan and firm ordering of books were greatly curtailed in anticipation of budget rescission.
- 16.c Increased purchases for graphic, audio, and especially video/film materials.
- 17 Prior year total included Fire Recovery Binding.
- 18.a, 27.a Increase due to previously vacant faculty positions that were filled this year.
- 18.b, 27.b University of New Mexico instituted "pause and hold" on filling vacant staff positions.
- 22 Fire insurance funds from previous years has been expended. Fewer one-time purchases made.
- 23 Increase due to a subscription pre-payment made to our serials vendor.
- 25 This increase is due to continued work developing the New Mexico Statehood project, reformatting of a large number of audio and video files, and annual fees for several services.



## NEW MEXICO, cont.

- 26 Increase is due to increased services provided. Thus, copyright fees paid to the publishers increased and invoice charges for borrowing books and obtaining articles from non-consortia libraries also increased.
- 27.c Increase due to priority to hire students at lower hourly pay rates (replacing graduating students previously paid at higher hourly pay rates) and to hire work study-qualified student employees.
- 28 Increase due to addition of new service desks at UNM West, ZIM Basement, and Virtual Services Desk.
- 31 UNM enrollment is up this year resulting in larger classes.
- 32 Increase is directly related to the increase in use of the Virtual Service Desk, or "Ask a Librarian" service. It has been implemented in the last two years and has allowed the UL to "meet users where they are" thus making it easy for patrons to contact the UL.
- 35 Total includes items delivered to Sandia Labs Library, Los Alamos National Labs Library, and Western Governor University.

## NEW YORK

All figures are as of 08/31/2010.

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, Abu Dhabi Libra Law School Library, Medical School, and Dental School Libraries.

- 1.a Volumes held June 30, 2009 revised to 4,299,231 which includes 698,666 e-books held in 2009-2010, 398 of which were added to the collection that were not part of an e-book package.
- 1.b, 1.b.i Fewer e-books added to the collection in 2009-2010 that were not part of a package than in 2008-2009 (e-book packages are not counted in the volumes added statistic).
- 5.a, 5.a.i Increase better control over subscriptions and increased focus on e-journals.
- 5.a, 5.a.ii Decrease less print serials purchased and also deduplication between print and electronic. In addition, the stat has been adjusted from last year to correctly exclude e-only journals.
- 5.b, 5.b.ii Decrease from last year due to improved deduplication between free e-journal sources.
- 5.b, 5.b.iv Decrease from last year after significant weeding in preparation for a consolidation of collections.
- 16, 18, 21, Includes Abu Dhabi Library.
- 22
- 17 Increase due to 2009-2010 Special Binding Project.
- 18.a, 21 Effective 2009-2010, criteria defining professional staff has expanded to include computer experts, budget officers, and human resource officers.
- 27.a, 27.b Effective 2009-2010, criteria defining professional staff has expanded to include computer experts, budget officers, and human resource officers. This resulted in an increase in the professional staff and decrease in support staff statistics.

## NORTH CAROLINA

Library branches included: Institute of Marine Sciences Library.

Data from the Law and Health Sciences Library are also included in the figures reported.

- 1.a Volumes held June 30, 2009 revised to 6,839,694. Adjusted as follows: University Library added 109,895 e-books purchased in previous years but cataloged in 2009-2010 (including 108,194 from EEBO e-book collection) and subtracted 10,969 open access volumes and streaming media titles erroneously included in prior counts.
- 5.a.i Includes several very large collections purchased this year, including Taylor & Francis backfiles and ProQuest Periodical Archive.
- 5.a.ii Conducted major serials review in 2009-2010, and changed subscription formats to electronic only in many cases.
- 5.b.i Deduped counts this year as result of improved procedures.
- 5.b.ii Increased this year due to increased selector identification of open access collections.
- 16.b Increase reflects more accurate counting methodology that recategorizes expenditures between "Current Serials", "Materials", and "Other Library Materials."
- 16.c Decrease reflects more accurate counting methodology that recategorizes expenditures between "Current Serials", "Materials", and "Other Library Materials."
- 16.d Includes payments for CRL memberships.

## **NORTH CAROLINA, cont.**

- 18 Includes 15.6 FTE professionals and support staff on special grant funds; 2.1 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.
- 21 Includes \$6,310,622 in grants, trust and other special funds (without benefits); excludes \$328,959 in expenditures for the Triangle Research Libraries Network from funds contributed by Duke, North Carolina State, and North Carolina Central Universities.
- 22 Increase reflects purchases made using one-time funding.

## **NORTH CAROLINA STATE**

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

- 1 Includes 420,980 e-books.
- 1.a Volumes held June 30, 2009 revised to 4,258,190. Added 100,000 to 2008-2009 figure for the China Conference Proceedings (Eastview).
- 1.b.ii Fewer serials and monographs withdrawals.
- 3 Includes 2,817 e-books; expenditures for monographs up slightly from 2008-2009.
- 5.a Adjustments due to change in methodology; figures for 2009-2010 based on actual count.
- 16.a, 16.b Some monographic titles are paid from serials funds included in 16b.
- 16.c Increase due to one-time purchases.
- 16.d Decrease due to reductions in most of the items included in this category. Includes Bibliographic Utilities (\$280,516), Document Delivery (\$111,619), and Association memberships (\$184,028).
- 17 Increase due to a combination of one-time expenditures and being at full strength in staffing levels.
- 18.c Decrease due to budget cuts.
- 22 Increase due to one-time purchases.
- 23 Increase due to one-time purchases and conversion to electronic subscriptions.
- 26 Decrease due to budget reduction implemented at end of fiscal year.
- 30 Website and subject liaisons promote this service; also improved collection of statistics related to the number of presentations.
- 33 Discovery tools have improved making it easier to find local resources; Learning Commons continues to draw students into the facility; budget reduction implemented at end of fiscal year.

## **NORTHWESTERN**

All figures are as of 08/31/2010.

Library branches included: Main, Deering, Mudd, Schaffner and Math Library in Main Library statistics.

Data from the Law and Health Sciences Library are also included in the figures reported.

Library branches NOT included: Qatar Library.

- 1, 1.b, Includes e-books.
- 1.b.i, 3
- 5.b Law and Health sciences not reporting.
- 7 Does not include Health Sciences.
- 38 Figure reflects the PHD fields in which degrees were awarded; not the number of possible fields.

## **NOTRE DAME**

Library branches included: The Hesburgh Libraries (Main) include: Architecture Library, Art Image Library, Business Information Center, Chemistry/Physics Library, Engineering Library, Kellogg/Kroc Information Center, and Mathematics Library. In addition the Kresge Law Library and University Archives have been reported. [Main Library].

- 1.a Volumes held June 30, 2009 revised to 3,588,264. During 2009-2010, 119,263 additional e-books were cataloged that were purchased in prior years. These have been added to the beginning volumes figure. [Main Library]

## NOTRE DAME, cont.

- 3 The statistic for the number of monographic volumes purchased cannot be reported due to the number of items on approval that are counted when cataloged and when purchased as part of a collection. When a collection is purchased as one order, it is counted as one volume regardless of the number of items included in the collection. This understates the statistic for volumes purchased for years in which large collections are purchased. However, when these collections are cataloged, the individual volumes are added to the volumes held in question 1. [Main Library]
- 10 This figure represents our entire 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. [University Archives]
- 12 Graphic materials housed in the Art Image Library consist of two components; the analog and digital collections. The analog slide collection is available to faculty, staff, 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 graphic materials reported. [Main Library]
- 16.d Miscellaneous materials expenditures consist primarily of memberships for the purpose of obtaining/accessing publications and literature searching. [Main Library]
- 18 The total salaries and wages figure does not include \$164,351 in fringe benefits. It would be very time consuming to apportion the fringe benefits to the three salary classifications given, though the amount can be approximated on a pro rata basis, with only a minimal amount (about 7% of salary) allocated to student employees and the remainder split between the remaining two categories. [University Archives]
- 21 The total library expenditures figure does not include \$164,351 in fringe benefits. [University Archives]
- 27b Actually, 4.5 FTE. [University Archives]
- 27.c Actually, 0.15 FTE. [University Archives]
- 30, 31 Figure does not include three bibliographic presentations about the Notre Dame Archives to 250 individuals at conferences not held at Notre Dame. [University Archives]
- 32.a This number is based about 75% on count and about 25% on a reasonably accurate estimate. [University Archives]

## OHIO

- Library branches included: Athens (main), Chillicothe, Lancaster, Southern, Eastern, Zanesville libraries as well as the College of Osteopathic Medicine Learning Resource Center.
- 1 Includes 675,289 e-books. E-book collections include LexisNexis U.S. Serial Set (circa 320,000 titles), Eighteenth Century Collections Online (circa 136,000 titles), U.S. government monographs available online (circa 100,000 titles), Early American Imprints (circa 37,000 titles), OhioLINK Electronic Book Center (circa 29,000 titles), NetLibrary (circa 15,000 titles), Safari Books Online (circa 9,600 titles); ebrary (circa 8,800 titles), Alexander Street Press (circa 4,000 titles), Learning Express Library (circa 900 titles), and various individually cataloged e-books.
- 1.b.i Large percentage decrease due to fewer items purchased (acquisitions funds decreased for 2009-2010), and also because 2008-2009 figures reflected an unusually high number of materials cataloged.
- 1.b.ii In 2009-2010, withdrawal of print journal volumes now held as digital backfiles continued, but not at as rapid a rate as in 2008-2009.
- 3 5,751 e-books reported in this line from the following sources: OECD, NBER, ebrary, Gale reference, Sage reference, Springer, Oxford reference, Oxford scholarship, Safari tech, and ABC-CLIO. Gale ECCO2 collection of 48,215 e-books was also purchased in 2009-2010, but has not been reported on this line due to low cost per volume.
- 16.d Expenditures include consortial memberships (\$104,718); technical services (\$127,037); document delivery (\$9,118).
- 17 Contract binding budget reduction in 2009-2010 reflects overall reduction to acquisitions funds as well as greatly reduced need for binding print serials.
- 26 Figure includes OCLC WorldCat Resource Sharing (\$20,138) and dedicated fax (\$142).
- 32 Decrease is partially due to stricter adherence to ARL guidelines for counting reference transactions.

**OHIO, cont.**

- 35 Decrease due to shift to a lower lending category in OhioLINK's patron-initiated borrowing system (i.e., an attempt is made to achieve some parity between borrowing and lending levels for each member institution).
- 36 Decrease in ILL borrowing may be partly due to acquisition of large number of digital journal backfiles.
- 37 Doctoral count includes Ph.D., EDD, AUD, and DPT degrees.
- 38 Decrease due to university's recent effort to remove inactive programs from official records.
- 41, 43 Reflects large increase in numbers of students enrolling at regional campuses and in online programs.

**OHIO STATE**

Library branches included: Architecture; Biological Sciences/Pharmacy; Cartoon Research; Geology; Health Sciences; Fine Arts; Food, Agriculture and Environmental Sciences; Law; Music/Dance; Science and Engineering; Thompson (Main) Library; University Archives; Veterinary Medicine.

Library branches NOT included: Agricultural Technical Institute; Ohio Agricultural Research and Development Center; Regional Campus Libraries at Lima, Mansfield, Marion, and Newark.

- 1 Includes 463,952 e-books such as: Humanities Ebooks (558), various Chadwick Healey collections (7,332), ebrary (10,4980), English Short Title Catalog (183,002), Evans (37,369), US Serial Set (4,541), NetLibrary (15,227), Safari (11,381), Shaw-Shoemaker (38,092), SpringerLINK (9,376), and locally digitized brittle books (7,097). WWW Theses (19,612) are included in this count.
- 1.a Volumes held June 30, 2009 revised to 6,051,466.
- 13 Audio, film, video are combined for Main and cannot be separated. Audio/video reported here include 4,045 web audio items and 1,984 web video items with records in the library catalog, in addition to 76,574 physical audio and video items.
- 18.a Includes faculty and administrative/professional staff salaries.
- 20 Includes \$554,565, primarily for funds transferred to other departments, such as the CIO, for shared personnel expenses. The opening of Thompson Library also increased our facilities expenses for part of 2009-2010. The second increase in expense (~\$2 million) will be reflected in 2010-2011 expenditures. These are not construction related but are for operating costs, such as custodial and utilities.
- 24.a Increase includes larger than average pre-payment to OhioNET bibliographic utility along with OhioLINK and CRL consortia member fees, which were excluded from the total in the previous report.
- 39 Excludes clinical, research, and auxiliary faculty.
- 42 Includes professional students.

**OKLAHOMA**

Data from the Law and Health Sciences Library are also included in the figures reported.

- 1.a Volumes held June 30, 2009 revised to 5,558,293. Increased by one-time purchase of LN US Serial Set. Corresponding decrease from volumes added line 1.b.i.
- 1.b.ii Major de-selection project.
- 5-5.a.iii Change in collection development.
- 5.b-5.b.iii Change in electronic serials management vendor resulting in more information about the titles received but not purchased.
- 25 Large one-time purchases in prior year.
- 26 Line item reporting initiated.

**OKLAHOMA STATE**

Library branches included: Architecture, Curriculum Materials, Veterinary Medicine, OSU-Tulsa, OSU-Okmulgee, OSU-Oklahoma City.

Data from the Health Sciences Library are also included in the figures reported.

- 1.a Volumes held June 30, 2009 revised to 3,413,676. Includes 437,520 e-books added during 2009-2010 per instructions for question 1.b.
- 2 We are consistently using the following formula: titles held=volumes held/1.5.
- 3 This number is more in line with our consistent pattern of growth in monograph purchases than our last year's number that was much higher than normal.
- 5.a Drop due to cancellations by one branch library and better data from Serials Solutions that allows more accurate deduping of IEEE titles.

## **OKLAHOMA STATE, cont.**

- 5.b, 5.b.i Large increase is due to new statewide consortial subscriptions to three very large resources.
- 5.b, 5.b.ii Large increase is due to selection of much larger number of OA collections selected in Serials Solutions and overall growth in OA titles available.
- 5.b.iv Docs titles reported last year were print only; this year's figure includes print and electronic.
- 33, 34 We have no way to exclude reserves from this number.

## **OREGON**

Library branches included: Knight (main) Library; Architecture & Allied Arts Library; Math Library; Science Library; Jaqua Law Library; Rippey Library at the Oregon Institute of Marine Biology; UO Portland Library & Learning Commons.

- 5 This number increased due to the increase in freely accessible electronic titles, as well as the number of purchased electronic titles now linked in our catalog.
- 26 Now includes postage costs since we can gather that information.

## **OTTAWA**

All figures are as of 04/30/2010.

Library branches included: Law and Health Sciences.

- 16-26 Expenditures as reported in Canadian dollars: (16a) \$4,337,060; (16b) \$7,461,859; (16c) \$256,394; (16d) \$0; (16) \$12,055,313; (17) \$124,669; (18a) \$3,881,097; (18b) \$5,571,273; (18c) \$324,970; (18) \$9,777,340; (20) \$2,122,414; (21) \$24,079,736; (22) \$0; (23) \$5,374,445; (24a) \$0; (24b) \$0; (25) \$310,189; (26) \$0.

## **PENNSYLVANIA**

Data from the Law and Health Sciences Library are also included in the figures reported.

- 1.b.i Larger than normal increase reflects the addition of 128,250 e-books.

## **PENNSYLVANIA STATE**

Library branches included: Survey includes all University Park Libraries, as well as, the Campus Libraries. Campus Library locations are as follows: Abington, Altoona, Behrend, Berks, Beaver, Capital, Brandywine, DuBois, Fayette, Great Valley, Hazleton, Lehigh Valley, Mont Alto, McKeesport, New Kensington, Schuylkill, Shenango Valley, Wilkes-Barre, Worthington-Scranton, and York.

Data from the Law and Health Sciences Library are also included in the figures reported.

- 1.a Volumes held June 30, 2009 revised to 5,338,090.
- 1.b.i Increase is largely due to the loading of approx. 65,000 e-books during 2009-2010. The 2008-2009 volumes added number did not include e-books.
- 1.b.ii The increase in volumes withdrawn is due to a combination of several major clean-up projects in the stacks across the Libraries and to construction projects during 2009-2010 resulting in withdrawals of duplicates.
- 7 The Main Library's 2008-2009 microform count of 3,775,956 included Law microforms resulting in an inflated microform units number. These also were reported on the Law Survey. This year, the Main Library's figure for microform units appropriately excludes Law and Medical microforms.
- 10 2009-2010 figure includes 9,500 linear feet related to the Inactive Records Center. The Inactive Records Center was not included in the 2008-2009 figure.
- 12 The University Libraries absorbed the University Photographics Archives when the department was closed during 2009-2010. This resulted in a 125,000 unit increase when compared to the 2008-2009 figure.
- 29 Monday - Friday - open 24 hours per day; Saturday - open 10 am to midnight (14 hours); Sunday - open 10 am to midnight (14 hours).
- 38 When completing the 2008-2009 ARL Survey, we reported the number of fields in which PhDs can be awarded as of Fall 2009. This was incorrect. The correct figures are 2009-2010: 104 (Fall 2009) and 2008-2009: 103 (Fall 2008).
- 39 When completing the 2008-2009 ARL Survey, we reported the full-time instructional faculty count as of Fall 2009. This was incorrect. The correct figures are 2009-2010: 4,725 (Fall 2009) and 2008-2009: 4,631(Fall 2008).
- 40 When completing the 2008-2009 ARL Survey, we reported the enrollment count as of Fall 2009. This was incorrect. The correct figures are 2009-2010: 69,779 (Fall 2009) and 2008-2009: 68,660 (Fall 2008).

## **PENNSYLVANIA STATE, cont.**

41 When completing the 2008-2009 ARL Survey, we reported the enrollment count as of Fall 2009. This was incorrect. The correct figures are 2009-2010: 9,541 (Fall 2009) and 2008-2009: 9,878 (Fall 2008).

42 When completing the 2008-2009 ARL Survey, we reported the enrollment count as of Fall 2009. This was incorrect. The correct figures are 2009-2010: 5,549 (Fall 2009) and 2008-2009: 5,555 (Fall 2008).

43 When completing the 2008-2009 ARL Survey, we reported the enrollment count as of Fall 2009. This was incorrect. The correct figures are 2009-2010: 3,328 (Fall 2009) and 2008-2009: 3,427 (Fall 2008).

## **PITTSBURGH**

Library branches included: Totals above include totals from all University Library System Libraries, Regional campus libraries which are part of the ULS, Health Sciences Library System, and Law Library of the University of Pittsburgh.

39 Last year we reported both full and part time instructional faculty. This year only full time instructional faculty were counted.

## **PRINCETON**

Library branches included: East Asian Library, Marquand Art Library, Mendel Music Library, Stokes Library, Plasma Physics Library, Psychology Library, Lewis Science Library, Mudd Archives, Engineering Library, Architecture Library.

10 Count now includes Rare Books Special Collections manuscripts in addition to Mudd archives.

22 This does not reflect a major change in behavior, but rather a change in how we record subscription and backfile purchases.

26 Includes \$42,000 payment to Borrow Direct Partnership Systems; five times the amount in 2007 and 2008.

28 Science Libraries were consolidated into Lewis Library.

## **PURDUE**

Library branches included: Includes the library system on the West Lafayette campus, consisting of 11 subject-oriented libraries, an undergraduate library, and a special collections research center.

1 Volumes held June 30, 2010, includes cataloged government documents. Includes e-books: ASM handbooks (26), Cognet (38), Credo Reference (96), EEBO (125,000), ECCO (150,000), EngNet Base (124), Gale Virtual Reference (59), ACLS Humanities EBooks (559), Knovel Online (424), Springer (5624), WorldBank eLibrary (1638), and others.

1.a Volumes held June 30, 2009 revised to 2,579,142. Reflects addition of titles in e-book packages added to the collection during 2009-2010 (73,083 e-books).

3 Decrease reflects 2009-2010 drop in monograph allocations due to overall materials budget review.

5 Increase reflects more accurate reporting.

5.b Total for question 5 cannot be disaggregated for question 5b.i, question 5b.ii, question 5b.iii, and question 5b.iv. Includes cataloged depository, exchange, gift serials, and e-journals received through statewide consortium.

12 Decrease reflects more accurate records for graphic resources.

13 Increase reflects increased collection development in sound recordings.

16.a Decrease in expenditures reflects fewer monograph purchases due to materials budget restructuring.

16.c Decrease reflects both more accurate tracking of resources and a major review of on-going resources resulting in some cancellations.

16.d Additional payments were made in 2008-2009. In addition, Libraries paid \$30,000 for ContentDM in 2008-2009 and did not have to pay that in 2009-2010. The decrease from 2008-2009 is a result of some 2007-2008 expenses paid in 2008-2009 and a one-time purchase of software.

17 Decrease reflects significant reduction in binding due to current policy to bind only selected print-only journals.

20 Decrease is due to the reduction in operating budget.

22 Includes large one-time purchases through CIC consortium and journal backfiles.

24.a Decrease largely due to inclusion in 2008-2009 of several delayed payments from 2007-2008.

30, 31 Increase largely due to opening of innovative learning space in business library, with related increase in number of classes taught, and to growing number of programs presented by instructional outreach librarian.

32 Includes 5,540 reference transactions via digital reference service.



## QUEEN'S

Library branches included: Stauffer (Humanities and Social Sciences), Douglas (Engineering/Science), WD Jordan (Special Collections/Music), and the Education Library.

Data from the Law and Health Sciences Library are also included in the figures reported.

16-26 Expenditures as reported in Canadian dollars: (16a) \$1,320,786; (16b) \$7,604,790; (16c) \$152,845; (16d) \$601,033; (16) \$9,679,454; (17) \$68,360; (18a) \$3,961,929; (18b) \$3,995,928; (18c) \$360,209; (18) \$8,318,066; (20) \$1,180,652; (21) \$19,246,532; (22) \$0 ; (23) \$6,299,399; (24a) \$0 ; (24b) \$513,953; (25) \$294,833; (26) \$0.

## RICE

1 Includes 24,273 Texshare e-books, 37,211 government document e-books, and 7,027 purchased e-books.

1.b Includes 0 Texshare e-books. Not possible to give figure added for government document e-books or purchased e-books due to inaccurate 2008-2009 snapshot.

5.b.ii Increase due to strengthened commitment to representing free serials in catalog and broadening government document profile.

10 Manuscripts and archives reported in cubic feet.

16.d Includes memberships (\$231,536), ILL (\$26,979), in-house binding supplies (\$11,970) and bibliographic utilities (\$173,017).

18 Includes 2.25 professionals and a. 5 FTE student on grant funding (rounded).

27 Please see the footnotes for questions 27.a-27.c for revisions to the FTE staff numbers for 2008-2009. While expenditures for these grant-funded salaries were included in question 18.a-18.c., the added FTE staff were excluded from the figures for question 27.a-27.c (and question 27 by extension) in error. These revisions correct this error.

27.a The figure for 2008-2009 is revised to 58 FTE staff.

27.b The figure for 2008-2009 is revised to 50 FTE staff.

27.c The figure for 2008-2009 is revised to 11 FTE staff.

## ROCHESTER

Library branches included: Eastman School of Music Library.

Data from the Health Sciences Library are also included in the figures reported.

1.a Volumes held June 30, 2009 revised to 3,889,596. Includes 148,882 e-books added during the year.

1.b Weeding project completed during year.

4 Basis of volume count was physical for 2,363 volumes at the Eastman School of Music Library.

5.a.i Includes IEEE.

5.b.ii Includes 78 documents.

8 Large weeding project completed during year.

10 Eastman School of Music Library reported "NA/UA" for this figure.

30.a 115 based on sampling.

31.a 2,500 based on sampling.

## RUTGERS

Library branches included: Summary includes two law libraries, services to a non-Rutgers medical school and campuses in Camden, Newark and New Brunswick.

1.a Volumes held June 30, 2009 revised to 4,571,335.

1.b, 1.b.i Includes 136,141 Eighteenth Century Collections Online (ECCO) and 16,131 Literature Online (LION) volumes added in 2009-2010.

5.a Large increase in serial titles currently purchased is due to the disaggregation of titles received as part of packages, and a one-year trial of Academic Search.

11-14 Unable to disaggregate Audiovisual Materials. Total AV = 154,745.

16.a Decrease due to budget reductions and loss of endowment income.

40, 42 Enrollment increased by more than 10%.

## SASKATCHEWAN

All figures are as of 04/30/2010.

Library branches included: Includes Education, Engineering, Natural Sciences, and Veterinary Medicine branch libraries.

Library branches NOT included: Theological College libraries on campus that are not part of the library system.

Data from the Law and Health Sciences Library are also included in the figures reported.

- 1.a Volumes held June 30, 2009 revised to 2,361,709.
- 2 Discrepancy between 2009 and 2010 due to different search strategy.
- 16 There was a budget adjustment given to the library due to the fiscal environment. The library did not receive a 5% increase to the acquisitions budget. Therefore, to cover anticipated inflation associated with serials, the monograph budget was reduced for 2009-2010.
- 16-26 (16a) \$1,734,278; (16b) \$8,081,824; (16c) \$0; (16d) \$135,628; (16) \$9,951,730; (17) \$62,967; (18a) \$4,688,715; (18b) \$3,526,166; (18c) \$243,237; (18) \$8,458,118; (20) \$1,469,133; (21) \$19,941,948; (22) \$693,540; (23) \$5,353,884; (24a) \$80,079; (24b) \$0; (25) \$306,684; (26) \$45,764.
- 18.a Computer programmers, budget officers, other specialists included in professional staff.
- 20 Includes funding from grants and special funds. 2008-2009 figure should be corrected to \$1,306,749.
- 21 2008-2009 figure should be corrected to \$20,784,191.
- 23 Includes \$425,444 in provincial funding for resources for the Saskatchewan Health Information Resources Partnership. 2008-2009 figure should be corrected to \$5,343,749.
- 39 Includes professors, associate professors, assistant professors, lecturers and instructors.
- 42 Includes 315 post-graduate clinical students.

## SOUTH CAROLINA

Library branches included: Business Library, South Caroliniana Library, Math Library, Music Library, Moving Image Research Collections, South Carolina Political Collections, Rare Books and Special Collections.

Data from the Law and Health Sciences Library are also included in the figures reported.

- 1.a Volumes held June 30, 2009 revised to 3,935,580.
- 4 Changed from a physical count to a bibliographic count this year.

## SOUTHERN CALIFORNIA

Data from the Law and Health Sciences Library are also included in the figures reported.

- 1.b-1.b.ii Large increase in volumes added during the year due to strategic initiative work and faster paced collection processing.
- 3 Increase due to significant number of e-books purchased in addition to Holocaust collection purchased in 2008-2009 but counted in 2009-2010.
- 16.a Increase represents additional e-book purchases.
- 20 Decrease in 2009-2010 results from onetime large computer purchase in 2008-2009.
- 22 Increase reflects a significant onetime funding opportunity.
- 23 2008-2009 number not corroborated and was under reported. 2009-2010 figure is complete and properly represents spending on e-resources from all sources.
- 25 Decrease in 2009-2010 results from onetime large computer purchase in 2008-2009.
- 30, 31 Increase due to additional presentations offered and improved counting procedures.
- 32 New reference desk opened in Main Library. Dramatic increase of in-person visits recorded.
- 35 Increase attributed to first full-year participation in RAPID, improved accuracy of RAPID holdings, and increase in reciprocal borrowing and lending relationships with peer institutions.

## SOUTHERN ILLINOIS

Data from the Law and Health Sciences Library are also included in the figures reported.

- 1.a Volumes held June 30, 2009 revised to 3,171,619. Includes MyiLibrary and Springer e-book loads.
- 1.b Increase related to question 1.b.i. More books were cataloged, and fewer were withdrawn.
- 1.b.i Increase in previously uncataloged collections along with gifts and other acquisitions resulted in a rise in this figure.
- 3 Increase is a result of large e-book package purchase and an increase in the monograph budget due to a serial cancellation.



**SOUTHERN ILLINOIS, cont.**

- 10 The decreased count is more accurate and is the result of several factors: moving back into Morris Library after the renovation, a more accurate review of our backlog; and we also deaccessioned collections because they were either duplicates, not of administrative value, or did not fit our collecting interests.
- 16.a Increase is due to e-book purchases and additional money allocated to monographs as a result of the journal cancellations.
- 32 Increase is a result of increased traffic in the building due to the completion of the building renovation.

**SUNY-ALBANY**

- 1 Includes 85,571 e-books of which 65,052 are U.S. government documents.
- 3 Includes 1,587 e-books.
- 12 Increase is due to a large collection added to Special Collections.
- 17 Excludes theses and dissertations.
- 26 Includes bibliographic utility fees.
- 32 READ software is used to track reference transactions. The READ Scale is a six-point scale used for recording qualitative statistics related to user queries. The READ Scale count is close to a 1:1 ratio of patron to question transactions. The scale places an emphasis on the skills, knowledge, techniques, and tools used by the librarian during a specific reference transaction.

**SUNY-BUFFALO**

- Data from the Law and Health Sciences Library are also included in the figures reported.
- 1.b.i A large number of e-books were cataloged this year.
- 1.b.ii Large duplicates withdrawal project performed this year.
- 3 Greater commitment to serials expenditures was made this year.
- 5, 5.b.ii- Better counting methodologies employed this year.
- 5.b.iv,  
30-32
- 16 Total library materials expenditures for 2008-2009 revised to \$8,451,888 to reflect survey submission error last year.
- 16.a Monographs expenditures for 2008-2009 revised to \$1,487,606. A large e-book package was purchased in 2008-2009.
- 16.c Other library materials expenditures for 2008-2009 revised to \$271,413. A large database was purchased in 2008-2009.
- 18.c, 27.c Sharp decrease in Federal Work Study funding this year.
- 20 Budget priorities placed elsewhere this year.
- 21 Total library expenditures for 2008-2009 revised to \$20,526,650 to reflect survey submission error.
- 22 There were several large one-time purchases in 2008-2009.
- 25 Large one-time purchases made last year.
- 27.b A number of support staff accepted early retirement incentive packages this year.
- 28 Libraries Annex public service desk was not counted last year.
- 35-36 Joined the RapidILL resource sharing system this year.

**SUNY-STONY BROOK**

- Library branches included: Music, Math/Astronomy/Physics, Chemistry, Marine Sciences, Southampton.
- Data from the Health Sciences Library are also included in the figures reported.
- 1.b.i Decrease possibly due to switching many titles to online only.
- 5 Declines since last year's survey due to improved deduping of electronic journals.
- 24.a Figures reflect only Health Sciences library data.
- 25 Purchase of new desktop computers for staff had to be cut back due to budgetary issues.

**SYRACUSE**

- Data from the Law Library are also included in the figures reported.
- 1.b Additional funding allowed for purchase of new monographs and electronic monograph catalog records combined with far less weeding yielded higher volumes added.

## SYRACUSE, cont.

- 22 Includes purchase of electronic journal backfiles.
- 27.a Includes several grant-funded positions for work in special collections.
- 33 Previously, circulation of computer equipment was included in reported figures.
- 35 Use of IDS software has enhanced interlibrary loan efficiencies.

## TEMPLE

Library branches included: Branches included in Main Library statistics are Science, Engineering and Architecture Library (SEAL); Charles L Blockson Afro-American Collection; Ambler Campus Library; Harrisburg Campus Library.

Data from the Law and Health Sciences Library are also included in the figures reported.

- 1.a Volumes held June 30, 2009 revised to 3,934,440.
- 1.a, 2 Includes 139,031 e-book records added as one-time download, and 33,476 retrospective records added for SCIPIO Book catalogs, all of which are also footnoted in question 1a.
- 5.a.i Increase largely due to additional titles included in large package deals.
- 5.b.ii Increase largely due to improved tracking of free and open source journals with Serials Solutions.
- 21 Decrease due to budget cuts required by University. Decrease also influenced by expenditures for special projects during 2008-2009, which were funded by deferred tech fee funds from earlier years.
- 27 University-wide hiring freeze continued to affect staffing numbers.
- 30, 31 Significant increase due to library's involvement in information literacy component of the University's new General Education curriculum.

## TENNESSEE

Library branches included: UT Libraries-Knoxville and UT Space Institute Library-Tullahoma.

Data from the Law Library and the Health Sciences Libraries are also included in the figures reported.

- 1.b.i Budget reductions and changes in approval profile resulted in significant reduction. In addition, library discontinued binding periodicals, which resulted in fewer added volumes.
- 3 Significant decrease in e-book purchases in 2009-2010 explained by possible delays in contract negotiation and licensing issues.
- 5.a.ii Decrease is the result of the decision to go electronic only for all subscriptions that had been print and electronic.
- 5.b Increased number of titles available in open access packages.
- 5.b.i Increased number of titles available in Tennessee Electronic Library (TEL) consortial package.
- 5.b.ii We provide access to a number of open access journal packages, e.g. DOAJ (Directory of Open Access Journals) and BioMed Central, through our SFX A-Z e-journals list. As journals are added to these packages, access is turned on automatically.
- 5.b.iv Electronic government documents are included in the serials count. We get records for new government documents, including serials, on a regular basis.
- 9 The main increase (+7,231) was the result of add records to our catalog for ICPSR (Inter-university Consortium for Political and Social Research) data files.
- 16.d In 2008-2009 we had a \$300,000 payment to Solinet, but this year there was no Solinet payment.
- 20 Library funded one time building improvements in 2008-2009. University centrally funded same type of expenditures in 2009-2010 resulting in a decrease in operating expenditures.
- 22 Sharp increase due in large part to one-time stimulus funds.
- 24.b There was a renewed, intense effort to train more school librarians and teachers on how to use TEL during the past year and a half. This has increased the overall use.
- 26 We prepaid copyright deposit accounts in 2008-2009, catching up with previous year copyright charges.
- 28 Added a staffed Storage Reading Room in Hoskins Library.
- 29 In 2009-2010 we changed our opening hours on Saturday from 8am to 10am.
- 32 Determined that reference statistics reported in 2008-2009 were not accurate due to a problem with understanding criteria and lack of training, which was corrected in 2009-2010. Also a corresponding substantial increase in virtual reference statistics has occurred.

## TEXAS

All figures are as of 08/31/2010.

Library branches included: Includes the University of Texas at Austin Libraries, the Dolph Briscoe Center for American History, the Tarlton Law Library, and the Harry Ransom Humanities Research Center.

- 1.a Volumes held June 30, 2009 revised to 9,876,844. Adjusted to add e-books, including EBL, MyILibrary, eBrary, Gale Virtual Reference, ARTFL, CIAO, LION, Evans Early American Imprints, Making of Modern Law, Sabin Americana, Making of America, Oxford Reference Books online, Gerritsen, History eBook (now Humanities), OECD, World Bank eLibrary, Annual Reviews, Si Ku Quan Shu, Old English Corpus, Heritage Quest, Stat Reference, Thesaurus Linguae Graecae, and CHANT - Chinese Ancient Texts.
- 5 We deduped 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.
- 16 Includes total expenditures for library materials of \$13,915,247 by the University Libraries, \$1,429,617 by the Tarlton Law Library, and \$2,047,254 by the Humanities Research center.
- 18.c Includes federal work-study funds.
- 31 Includes users of online tutorials.
- 37 Does not include EdD degrees.

## TEXAS A&M

All figures are as of 08/31/2010.

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

- 1.b Volumes added includes the purchase of a large collection of electronic materials and the conversion of NTIS materials from microfiche to electronic format that have all been included into the Libraries' catalog.
- 1.b.ii Withdrawn materials reflects large volume of paper copies of government documents that are now available in electronic format and reflected in the Libraries' catalog.
- 3 Purchase of large number of electronic resources that is reflected in the Libraries' catalog.

## TEXAS TECH

All figures are as of 08/31/2010.

Library branches included: Harrington Library TTUHSC/Amarillo Montes-Gallo Library of the Health Sciences TTUHSC/El Paso Library of the Health Sciences TTUHSC/Odessa Preston Smith HSC Library, Architecture Library Museum Library Geosciences Library, Vietnam Archives Library, Southwest Collections/Special Collections Library.

Data from the Law Library are also included in the figures reported.

- 1.a Volumes held June 30, 2009 revised to 2,733,061. Revision reflects a correction from 2008-2009 for e-books count.

## TORONTO

All figures are as of 04/30/2010.

Library branches included: All libraries at the University of Toronto are included. For circulation statistics and collections (volumes held) data, only, 12 teaching hospital libraries are included with the U of T libraries.

Data from the Law and Health Sciences Library are also included in the figures reported.

- 16-26 (16a) \$8,605,977; (16b) \$5,988,523; (16c) \$13,874,623; (16d) \$0; (16) \$28,469,123; (17) \$313,879; (18a) \$15,634,550; (18b) \$16,881,102; (18c) \$4,189,696; (18) \$36,705,348; (20) \$6,536,809; (21) \$72,025,159; (22) \$3,561,607; (23) \$13,974,857; (24a) \$30,495; (24b) \$0; (25) \$3,839,342; (26) \$173,511.
- 16.c Some electronic serials and monographs purchases are included in other library materials.
- 27.c Student assistant FTE was incorrectly reported in 2008-2009. The correct figure was 137. Total FTE in 2008-2009 was 651.

## TULANE

Library branches included: Includes Turchin Business Library and Vorhoff Women's Center Library, along with the main Howard-Tilton Library.

Data from the Law and Health Sciences Library are also included in the figures reported.

- 1.a Volumes held June 30, 2009 revised to 4,005,653.
- 1.b.i Includes 90,415 e-books; 1,476 serial adds; 1,181 mono adds; and Includes Recovery Center numbers.
- 3 Includes 15,407 approvals; 10,484 firm; 1,710 recovery print; 680 scores; 1,476 serial adds; 1,181 mono adds; 5,197 additional recovery scores.
- 6, 19 Varies among branches of the Main Library.
- 10 Some archives previously counted here are now counted separately as graphics and audio.
- 12 Previously counted under Manuscripts and Archives linear feet.
- 13 Includes jazz recordings previously counted under Manuscripts and Archives and replacement general music recordings purchased to address Katrina losses.
- 23 Editor's note: Adjusted Ongoing Electronic Resource Purchases from 11,176,309 to 5,298,763 so that the Total Electronic Resource Purchases is not higher than Total Library Materials Expenditures.

## UTAH

Data from the Law and Health Sciences Library are also included in the figures reported.

## VANDERBILT

Library branches included: Central Library; Science and Engineering Library; Music Library; Peabody Library; Divinity Library; Management Library; Special Collections.

Data from the Law and Health Sciences Library are also included in the figures reported.

- 1.b The count is higher this year due to addition of various e-book collections including 10,070 Making of Modern Law Trials e-books. In addition, there were fewer withdrawals than in 2008-2009.
- 1.b.i The count is higher due to addition of various e-book collections including 10,070 Making of Modern Law Trials e-books.
- 1.b.ii Withdrawals in 2008-2009 were much larger than usual (25,307) including 10,863 in Law Library and 8,998 in Biomedical Library.
- 5, 5.a, In 2009-2010, there were purchases of several additional large databases, including Proquest Central (11,831 titles) replacing Proquest Research Library (2,899) titles.
- 5.a.i
- 5, 5.a, Changes from 2008-2009 figures due to a library project to cancel print in favor of electronic format.
- 5.a.ii
- 5.b.iii Decrease due to a project to cancel print included with electronic in favor of electronic only.
- 10 Increase due to better counting mechanisms.
- 12 This year, 150,000 photographs were included that were not previously included in the ARL statistics.
- 36 Interlibrary Loan figure for 2008-2009 misreported; figure for Main Library should have been 16,505.

## VIRGINIA

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

Data from the Law and Health Sciences Library are also included in the figures reported.

- 1, 3 Includes 0 e-books. [Darden Graduate Business Library]
- 1 Includes 408,128 e-books. [University Library]
- 1.a Volumes held June 30, 2009 revised to 5,609,770.
- 2 Titles are reported under University Library for all branches. [Darden Graduate Business Library]
- 2 Titles held is the combined number for all UVa branches. [University Library]
- 3 Includes 11,608 e-books. [University Library]
- 16 The decline in collections expenditures was caused by various factors. The economic downturn of 2008-2009 and the University's no layoff policy resulted in sizable cuts to non-personnel areas, including collections. In addition, a change of vendors caused a gap in purchasing and a temporary drop in monographic receipts. [University Library]

## **VIRGINIA, cont.**

37-43 Total for university is reported under University Library. [Darden Graduate Business Library]

### **VIRGINIA TECH**

Library branches included: Includes Art and Architecture, Newman Library, Northern Virginia Campus and Vet Med.

1 Excludes Maps, Microform, and nonprint. Includes books, bound journals, government documents and e-books.

5.b.ii Increase over 2008-2009 added free online journals not included last year.

### **WASHINGTON**

Library branches included: Includes UW Seattle ("Main", Health Sciences, Law), UW Bothell and UW Tacoma libraries.

1 Volumes held 2009-2010 includes 469,807 e-books.

1.a Volumes held June 30, 2009 revised to 6,996,202. Count is now provided by automated system.

3 Decrease in monographs purchased is due to decrease in monographs acquisitions budget.

9 Increase in number of computer files comes from automated system count.

14 Much of the increase in film and video count is due to automated system count.

16 Acquisitions budget reduced by more than 10%.

17 Binding budget reduced by nearly 20%.

26 Document delivery/interlibrary loan expenditures now show just direct expenditures.

35, 36 Some of the decrease is due to changes in load leveling software by regional consortium.

### **WASHINGTON STATE**

Library branches included: Includes WSU-Vancouver, WSU-Tri-Cities, WSU Energy Library, and WSU Riverpoint Campus Library.

5 Increase is due partly to new electronic acquisitions and partly to improved record-keeping for electronic serials.

9 Figures reported in previous years included only branch libraries.

32 The actual count of reference transactions appears to be inaccurate. The reported figure is estimated from the 2008-2009 reported figure.

35, 36 Figures reported for 2008-2009 and earlier years did not include all intra-consortial lending.

### **WASHINGTON U.-ST. LOUIS**

Library branches included: Art & Architecture, Business, Chemistry, East Asian, Earth Sciences, Music, Physics, Social Work.

Data from the Law and Health Sciences Library are also included in the figures reported.

1.a Volumes held June 30, 2009 revised to 4,294,755. Figure revised to include 67,657 e-books in collections and packages per instructions.

9 This number is primarily a title count rather than a piece count. The piece count would have to be done manually in each departmental library, whereas the title count is already recorded in one of the library's statistical reports. The exception is that CD-ROM discs accompanying books is still a piece count.

16.d Bibliographic utilities and some other electronic expenditures were included with electronic resources rather than separately reported as in previous years for both the Central and Medical Libraries. It is becoming more difficult to determine which of these electronic expenditures really fit into this category especially payments for memberships that also provide electronic access.

20 Includes fringe benefits for Main Library.

24.b Law Library reported 20,512 expenditures from external sources for 2009-2010. They have not provided figures in this category in the past.

### **WATERLOO**

All figures are as of 04/30/2010.

1.a Volumes held June 30, 2009 revised to 2,335,290. Adjusted to include 24,689 bulk-load records.

1.b.i Adjusted to exclude 24,689 bulk-load records. Spending freeze in 2008-2009 was lifted in April 2009.

3, 16.a A spending freeze in 2008-2009 was lifted in April 2009.

16.d Includes taxes, shipping, evaluations, ScholarsPortal and e-reserves.

16-26 (16a) \$1,325,174; (16b) \$5,381,145; (16c) \$375,549; (16d) \$362,817; (16) \$7,444,685; (17) \$46,504; (18a) \$3,001,625; (18b) \$3,751,387; (18c) \$842,781; (18) \$7,595,793; (20) \$1,250,383; (21) \$16,337,365; (22) \$375,549; (23) \$4,184,706; (24a) \$13,635; (24b) \$0; (25) \$575,139; (26) \$42,292.

## **WATERLOO, cont.**

- 25 Hardware purchases included blade server, NAS server, staff workstations, software maintenance (increased \$50,000 over last year).
- 32 Decrease due to implementation of a new tracking system for reference transactions. System provides better categorization of reference queries.
- 35 TUG partners sent fewer ILL requests, representing a decrease for University of Waterloo of at least 4,000 items.

## **WAYNE STATE**

All figures are as of 09/30/2010.

Library branches included: 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.

- 1.b, 1.b.i Decreasing budgets reduced the amount of monographs purchased and as more journals move to electronic only format, fewer physical serials are bound and added to the physical count.
- 1.b.ii Heavy weeding occurred throughout the year as inventory was identified as out-of-scope or duplicate resources in our monographs, microforms and government documents collections.
- 3, 16.a There was a reduction in money spent on monographs due to inflation's increasing impact on the serial budget.
- 16.b, 16.c 'Serials' and 'Other Library Materials' were combined last year; this year the two expenditure lines have been separated.
- 16.d Subscription to an additional discovery support utility and increased inflation increased costs for this category.
- 22 One-time funds enabled purchases of backfiles and two JSTOR collections as well as an increase in the number of electronic books purchased from previous years.

## **WESTERN ONTARIO**

All figures are as of 04/30/2010.

Library branches included: C.B. "Bud" Johnston Library (Business), Education Library, John & Dotsa Bitove Family Law Library, Music Library, Allyn & Betty Taylor Library (Medicine & Dentistry, Science, Engineering, and Health Sciences), The D.B. Weldon Library (Arts & Humanities, Information & Media Studies, and Social Science).

- 1.b The apparent decrease in 2009-2010 relates more to an unusually high number of items purchased in 2008-2009. This anomaly is also reflected in more items added to the collection in 2008-2009 than the currently reported year.
- 2 In 2008-2009 records were suppressed for a large gift and these have now been unsuppressed.
- 3 In 2008-2009 the number of monographs purchased was unusually high.
- 5-5.a.i We were not able in 2009-2010 to deduplicate electronic serial titles. Some titles in 2008-2009 were deduplicated.
- 11 The Department of Geography's Serge A. Sauer Map Library transferred to Western Libraries in May 2009.
- 16-26 (16a) \$2,047,023; (16b) \$9,203,009; (16c) \$697,983; (16d) \$0; (16) \$11,948,015; (17) \$94,570; (18a) \$4,934,521; (18b) \$4,215,965; (18c) \$346,378; (18) \$9,496,864; (20) \$711,875; (21) \$22,251,324; (22) \$235,897; (23) \$7,907,822; (24a) \$215,239; (24b) \$0; (25) \$504,302; (26) \$33,868.

## **WISCONSIN**

Library branches included: Main (GLS) (General Library System): Archives, Art, Astronomy, Biology, Business, Chemistry, College, Geography, Geology & Geophysics, Math, Memorial, Music, Physics, Primate, School of Library & Information Science (SLIS), Social Science, Social Work, Special Collections, Steenbock (agric & life sci), and Wendt (eng). Non-GLS Libraries: Health (Ebling), Law, Map, Education (Merit), Primate, and Wisconsin Historical Society (American history).

Library branches NOT included: American Indian Studies Program, Arboretum, Cooperative Children's Book Center, Center for Demography & Ecology, Chicano & Latino Studies, Journalism Reading Room, Max Kade German-American Institute, LGBT Campus Center, Limnology Reading Room, Learning Support Services, Morgridge Center Library, Plant Pathology Library, Space Library, Trout Lake Collection, University Communications Library, and the Wisconsin's Water Library.

Data from the Health Sciences Library are also included in the figures reported.

- 5.b.iv This number has increased substantially from the reported figure in the prior year's report of 848 to 10,498 this fiscal year as reported. Note that of the 10,498 documents, 10,044 are GPO e-serials not previously counted. The previous figure was the number of titles for print depository materials, deduplicated, in Voyager, but since that data is incomplete the new figure is the number of print depository materials plus the number of GPO e-serials in Voyager currently being published.



## **WISCONSIN, cont.**

- 9 Number of physical units may include accompanying material.
- 11 Number of physical units may include accompanying material. Geology Library: A Geology retrocon project added 2,088 bibliographic records for US Geological Survey maps transferred from the Map Library. Geology staff processed, barcoded and added 2,063 maps. This total includes 25 new maps and 2,063 maps from the retrocon transfer project. As the remaining maps associated with the retrocon project are barcoded, they will be added to the map holdings. In addition, this number still excludes a significant number of transferred maps for which records have yet to be added. As records are added and maps processed, they will be included in the statistics.
- 18, 21 The campus education library, formerly known as the CIMC, merged with two other units at the start of 2008-2009. The library's new name is MERIT (Media, Education Resources & Information Technology). MERIT now provides media development, information technology and education library resources for the UW-Madison School of Education. More money has been transferred to MERIT Library's budget to support new full-time positions, as well as the support of central IT service functions (which had previously been in another budget line).
- 34 The increase in circulation transactions is attributed in part to the practice of creating a 'local record' when materials are received from other libraries via inter-library loan. While lending materials to other libraries has decreased over the years, borrowing has increased, consequently this trend impacts the processing of materials through circulation services.

## **YALE**

Library branches included: Includes Medical Arts Law Divinity, Science, Social Science, Beinecke, Lewis Walpole Library.

Data from the Law and Health Sciences Library are also included in the figures reported.

Budget reductions in 2009-2010 resulted in decreases to several figures in this reporting cycle, for example question 16, question 21, question 27a and question 27b.

- 6 Reported elsewhere.

- 9 Note: Since 2002-2003 we note the number added only in the notes field. Count of computer files added in 2009-2010 is 1,199.

## **YORK**

All figures are as of 04/30/2010.

Library branches included: Frost Library, Bronfman Business Library, Steacie Science & Engineering Library, Scott Library.

Data from the Law Library are also included in the figures reported.

- 9 2008-2009 figure revised to 2,796

- 12 Included 1,653,960 photographs in archives plus 2,692 slides.

- 16-26 (16a) \$2,460,160; (16b) \$7,677,289; (16c) \$177,476; (16d) \$10,670; (16) \$10,325,595; (17) \$122,665; (18a) \$6,378,544; (18b) \$5,634,020; (18c) \$932,653; (18) \$12,945,217; (20) \$3,735,150; (21) \$27,128,627; (22) \$1,714,661; (23) \$5,242,766; (24a) \$636,492; (24b) \$0; (25) \$431,326; (26) \$15,684.

## **BOSTON PUBLIC**

- 1.a Volumes held June 30, 2009 revised to 7,454,800.

## **LIBRARY & ARCHIVES CANADA**

All figures are as of 03/31/2010.

- 1.a Volumes held June 30, 2009 revised to 10,404,239. Count has been recalculated based on collection figures of past years and updated for consistency.

- 3 Lower intake during 2009-2010 than in previous years was the result of a significant review of LAC's acquisition programs.

- 5.b.iv Statistics of government document serial titles are integrated into the figures above.

- 16-26 (16a) \$280,913; (16b) \$508,149; (16c) \$50,750; (16d) \$92,181; (16) \$931,993; (17) \$0; (18a) \$59,806,308; (18b) \$26,749,220; (18c) \$684,689; (18) \$87,240,217; (20) \$26,195,712; (21) \$114,367,922; (22) \$0; (23) \$0; (24a) \$0; (24b) \$76,823; (25) \$18,883,381; (26) \$10,187.

## **LIBRARY OF CONGRESS**

All figures are as of 09/30/2010.

Library branches included: Library Services (national library functions), including 6 overseas offices, and Law Library of Congress.

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

- 1.a Volumes held June 30, 2009 revised to 33,515,702. Volumes held June 30, 2008 revised to 32,818,014. The revision to the 2008-2009 figure reflects an enhanced understanding of the survey questions, not a restatement of the LC's holdings statistics.

## **LIBRARY OF CONGRESS, cont.**

- 1.b.i 2009-2010 figure includes 207,944 e-monographs, some purchased in earlier years, newly added to LC Electronic Resources Online Catalog. Volumes added during the 2008-2009 reporting period revised to 698,313. This revision reflects an enhanced understanding of the survey questions, not a restatement of the LC's holdings statistics.
- 1.b.ii Volumes withdrawn during the 2008-2009 reporting period revised to 625. This revision reflects an enhanced understanding of the survey questions, not a restatement of the LC's holdings statistics.
- 3 The Library of Congress also added 175,170 monograph volumes to the collections that were received via copyright registration. An additional 47,113 monographs were received as gifts or on exchange.
- 8 Chiefly technical reports, not to be cataloged.
- 18.a Includes salaries for National Library Service for the Blind and Physically Handicapped.
- 21 Includes \$70,182,000 for National Library Service for the Blind and Physically Handicapped.
- 27 Excludes 128 staff in National Library Service for the Blind and Physically Handicapped. Total LC employees were 3798 at end of 2009-2010; 50 student assistants were on staff only in summer quarter. Figures exclude locally employed staff (i.e. non-U.S.) in the six overseas offices.
- 33 Includes 30,083 items circulated to Congress or Congressional staff and 1,138,152 circulated to researchers in reading rooms.

## **NATIONAL AGRICULTURAL LIBRARY**

All figures are as of 09/31/2010.

Library branches included: Washington, DC Reference Center.

## **NATIONAL LIBRARY OF MEDICINE**

All figures are as of 09/30/2010.

## **SMITHSONIAN**

All figures are as of 09/30/2010.

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.

- 1.a Volumes held June 30, 2009 revised to 1,845,224. SI Libraries is now including a count of its Trade Literature Collection in Volumes Held, and so the number of Volumes Held from June 30, 2009 has been adjusted from 1,406,220 to 1,845,224 to allow for a better comparison to the 2008-2009 count.
- 4 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. We consider this a physical count as barcodes have been physically applied to each volume.
- 17 More funds were allocated and spent on binding for 2009-2010 than in 2008-2009.
- 25 Corrected 2008-2009 data for Computer Hardware and Software: \$49,284.
- 26 Corrected 2008-2009 data for Doc Delivery/ILL: \$2,272.



## ARL MEMBER LIBRARIES AS OF JANUARY 1, 2011

The Association of Research Libraries (ARL) represents the interests of 126 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
Calgary	C	University of Calgary	Calgary, Alberta
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

<b>Institution</b>	<b>Category</b>	<b>Full Name of Institution</b>	<b>Location</b>
Houston	S	University of Houston	Houston, Texas
Howard	P	Howard University	Washington, DC
Illinois, Chicago	S	University of Illinois at Chicago	Chicago, Illinois
Illinois, Urbana	S	University of Illinois at Urbana	Urbana, Illinois
Indiana	S	Indiana University	Bloomington, Indiana
Iowa	S	University of Iowa	Iowa City, Iowa
Iowa State	S	Iowa State University	Ames, Iowa
Johns Hopkins	P	Johns Hopkins University	Baltimore, Maryland
Kansas	S	University of Kansas	Lawrence, Kansas
Kent State	S	Kent State University	Kent, Ohio
Kentucky	S	University of Kentucky	Lexington, Kentucky
Laval	C	Laval University	Quebec, 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
Ottawa	C	University of Ottawa	Ottawa, Ontario
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

<b>Institution</b>	<b>Category</b>	<b>Full Name of Institution</b>	<b>Location</b>
Queen's	C	Queen's University	Kingston, Ontario
Rice	P	Rice University	Houston, Texas
Rochester	P	University of Rochester	Rochester, New York
Rutgers	S	Rutgers University	New Brunswick, New Jersey
Saskatchewan	C	University of Saskatchewan	Saskatoon, Saskatchewan
South Carolina	S	University of South Carolina	Columbia, South Carolina
Southern California	P	University of Southern California	Los Angeles, California
Southern Illinois	S	Southern Illinois University	Carbondale, Illinois
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 and Archives Canada	X	Library and Archives Canada	Ottawa, Ontario
Library of Congress	N	Library of Congress	Washington, DC
National Agricultural Library	N	National Agricultural Library	Beltsville, Maryland
Natl. Archives & Records Ad.	N	National Archives & Records Administration	Washington, DC
National 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      N: US nonuniversity  
C: Canadian university      X: Canadian nonuniversity



## BIBLIOGRAPHY

### PART A: Selected Articles from the ARL Newsletter

- "The ARL Membership Criteria Index." *ARL: A Bimonthly Newsletter of Research Library Issues and Actions* 197 (April 1998): 9.
- "Assessing ILL/DD Services: New Cost-Effective Alternatives." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 236 (October 2004): 9.
- Askew Waller, Consuella, and Kaylyn Hipps. "Using LibQUAL+ and Developing a Culture of Assessment in Libraries." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 221 (April 2002): 10–11.
- Case, Mary M. "The Impact of Serial Costs on Library Collections." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 218 (October 2001): 9.
- \_\_\_\_\_. "A Snapshot in Time: ARL Libraries and Electronic Journal Resources." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 235 (August 2004): 1–10.
- Case, Mary M., and Judith Matz. "Framing the Issue: Open Access." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 226 (February 2003): 8–10.
- Case, Mary M., and Prudence Adler. "Promoting Open Access." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 220 (February 2002): 1–5.
- "Collections & Access for the 21<sup>st</sup>-Century Scholar: Changing Roles of Research Libraries." Report from the ARL Collections & Access Issues Task Force. *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 225 (December 2002).
- Cook, Colleen, Fred Heath, and Bruce Thompson. "A Brief LibQUAL+ Phase One Progress Report." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 219 (December 2001): 7.
- Cook, Colleen, and Michael Maciel. "A Decade of Assessment at a Research-Extensive University Library Using LibQUAL+®." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 271 (August 2010): 4–12.
- Crow, Raym. "The Case for Institutional Repositories: A SPARC Position Paper." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 223 (August 2002): 1–4.
- Crowe, William. "The End of History? Reflections on a Decade." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 226 (February 2003): 12–13.
- Davidson, Catherine, and Martha Kyrillidou. "The Value of Electronic Resources: Measuring the Impact of Networked Electronic services (MINES for Libraries® at the Ontario Council of University Libraries." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 271 (August 2010): 41–47.
- Dowd, Jacqui. "LibQUAL+® and the "Library as Place" at the University of Glasgow." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 271 (August 2010): 13–20.

- "The Future of Human Resources in Canadian Libraries." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 240 (June 2005): 9.
- Grosetta Nardini, Holly. "Building a Culture of Assessment." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 218 (October 2001): 11.
- Groves, Richard. "Sharing Best Practices by Disseminating Assessment Results via the Web." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 236 (October 2004): 6.
- Guedon, Jean-Claude. "Beyond Core Journals and Licenses: The Paths to Reform Scientific Publishing." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 218 (October 2001): 1–8.
- Hahn, Karla. "The State of the Large Publisher Bundle: Findings from an ARL Member Survey." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 245 (April 2006).
- Hipps, Kaylyn. "Diversity in the U.S. ARL Library Workforce." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 246 (June 2006): 1–2.
- Johnson, Richard K. "Whither Competition?" *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 217 (August 2001): 12–14.
- Killick, Selena. "Service Quality Assessment with LibQUAL+® in Challenging Times: LibQUAL+® at Cranfield University." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 271 (August 2010): 21–24.
- Kyriallidou, Martha. "The ARL Library Scorecard Pilot: Using the Balanced Scorecard in Research Libraries." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 271 (August 2010): 33–35.
- \_\_\_\_\_. "ARL University Libraries' Spending Trends." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 242 (October 2005): 10.
- \_\_\_\_\_. "The Future of Librarians in the U.S. Workforce." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 246 (June 2006): 5.
- \_\_\_\_\_. "The Impact of Electronic Publishing on Tracking Research Library Investments in Serials." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 249 (December 2006): 6–7.
- \_\_\_\_\_. "LibQUAL+™ in 2004." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 236 (October 2004): 6.
- \_\_\_\_\_. "Library Value May Be Proven, If Not Self-Evident." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 271 (August 2010): 1–3.
- \_\_\_\_\_. "Reshaping ARL Statistics to Capture the New Environment." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 256 (February 2008): 9–11.

- \_\_\_\_\_. "Serials Trends Reflected in the ARL Statistics 2002–03." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 234 (June 2004): 14–15.
- Kyrillidou, Martha, and William Crowe. "In Search of New Measures." *ARL: A Bimonthly Newsletter of Research and Library Issues and Actions* 197 (April 1998): 8–10.
- Kyrillidou, Martha, and Kaylyn Hipps. "Symposium on Measuring Library Service Quality." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 215 (April 2001): 9–11.
- Lippincott, Sarah, and Martha Kyrillidou. "How ARL University Communities Access Information: Highlights From LibQUAL+™." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 236 (October 2004): 7–8.
- Lynch, Clifford. "Institutional Repositories: Essential Infrastructure for Scholarship in the Digital Age." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 226 (February 2003): 1–7.
- "Making Library Assessment Work." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 240 (June 2005): 9.
- Mays, Regina, Carol Tenopir, and Paula Kaufman. "Lib-Value: Measuring Value and Return on Investment of Academic Libraries." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 271 (August 2010): 36–40.
- Potter, William Gray, Colleen Cook, and Martha Kyrillidou. "ARL Profiles: Qualitative Descriptions of Research Libraries in the Early 21st Century." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 271 (August 2010): 25–32.
- Shim, Wonsik "Jeff", Charles McClure, and John Carlo Bertot. "Measures and Statistics for Research Library Networked Services: ARL E-Metrics Phase II Report." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 219 (December 2001): 8–9.
- Stuber, Peter. "Where does the Free Online Scholarship Movement Stand Today?" *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 220 (February 2002): 9–15.
- Unsworth, John M. "The Crisis in Scholarly Publishing in the Humanities." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 228 (June 2003): 1–4.
- Wetzel, Karen, and Mary Jackson. "Portal Functionality Provided by ARL Libraries: Results of an ARL Survey." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 222 (June 2002): 7–9.
- Wilder, Stanley. "New Hires in Research Libraries: Demographic Trends and Hiring Priorities." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 221 (April 2002): 5–8.
- Young, Mark. "ARL Salary Survey Highlights." *ARL: A Bimonthly Report on Research Library Issues and Actions from ARL, CNI, and SPARC* 246 (June 2006): 4.



## PART B: Related Books and Articles Published in Other Sources

- Arms, William. "Quality Control in Scholarly Publishing on the Web." *The Journal of Electronic Publishing* 8, no. 1 (August 2002).
- Band, Jonathan. "The Three P's: A Tribute to Duane Webster." *portal: Libraries and the Academy* 9, no. 3 (2009): 367–74.
- Baumol, W. J., and M. Marcus. *Economics of Academic Libraries*. Washington, DC: American Council of Education, 1973.
- Bertot, John Carlo, Charles McClure, and Joe Ryan. *Statistics and Performance Measures for Public Library Networked Services*. Chicago: American Library Association, 2001.
- Blixrud, Julia. "The Association of Research Libraries Statistics and Measurement Program: From Descriptive Data to Performance Measures." *Proceedings from the 4<sup>th</sup> Northumbria International Conference on Performance Measurement in Libraries and Information Services*, edited by Joan Stein, Martha Kyrillidou, and Denise Davis. Washington, DC: Association of Research Libraries, 2002.
- Branin, Joseph J. "Duane Webster's Contributions to Leadership Development in Research Libraries, 1970–2008." *portal: Libraries and the Academy* 9, no. 3 (2009): 349–54.
- Carlson, Scott. "The Deserted Library: As Students Work Online, Reading Rooms Empty Out – Leading Some Campuses to Add Starbucks." *The Chronicle of Higher Education*, November 16, 2001.
- Case, Mary M. "Scholarly Communication: ARL as a Catalyst for Change." *portal: Libraries and the Academy* 9, no. 3 (2009): 381–96.
- Clapp, V. W. *The Future of the Research Library*. Urbana: University of Illinois Press, 1964.
- Coffman, Steve. "Building Earth's Largest Library: Driving into the Future." *Searcher* 7, no. 3 (March 1999).
- Competition Commission of the United Kingdom. *Reed Elsevier, PLC, and Harcourt General, Inc.: A Report on the Proposed Merger*, presented to Parliament by the Secretary of State and Trade and Industry by Command of Her Majesty, July 2001.
- Cook, Colleen, Fred Heath, Martha Kyrillidou, and Duane Webster. "The Forging of Consensus: A Methodological Approach to Service Quality Assessment in Research Libraries – the LibQUAL+ Experience." *Proceedings from the 4<sup>th</sup> Northumbria International Conference on Performance Measurement in Libraries and Information Services*, edited by Joan Stein, Martha Kyrillidou, and Denise Davis. Washington, DC: Association of Research Libraries, 2002.
- Cook, Colleen, Fred Heath, and Bruce Thompson. "Score Norms for Improving Library Service Quality: A LibQUAL+ study." *portal: Libraries and the Academy* 2 (2002): 13–26.
- Cook, Colleen, Fred Heath, Bruce Thompson, and Russell Thompson. "LibQUAL+: Service Quality Assessment in Research Libraries." *IFLA Journal* 27 (2001): 264–68.
- \_\_\_\_\_. *The Search for New Measures: The ARL LibQUAL+ Project—A Preliminary Report*. Baltimore: Johns Hopkins University Press, 2001. Accessed at <http://muse.jhu.edu/demo/pla/1.1cook.html> on August 22, 2001.



- Cook, Colleen, Fred Heath, Bruce Thompson, and Duane Webster. "LibQUAL+™ Preliminary Results from 2002." *Performance Measurement and Metrics* 4, no. 1 (2003): 38–47.
- Council on Library and Information Resources. *A Different Approach to the Evaluation of Research Libraries*. Research Brief 6. Washington, DC: The Council, 1998.
- Cronenwett, Philip N., Kevin Osborn, Samuel A. Streit, eds. *Celebrating Research: Rare and Special Collections from the Membership of the Association of Research Libraries*. Washington, DC: Association of Research of Libraries, 2007.
- Crow, Raym. "The Case for Institutional Repositories: A SPARC Position Paper." Washington, DC: Scholarly Publishing & Academic Resources Coalition, 2002.
- Cummings, Anthony M., et al. *University Libraries and Scholarly Communication: A Study Prepared for The Andrew W. Mellon Foundation*. Washington, DC: Association of Research Libraries, 1992.
- Cummings, M. M. *The Economics of Research Libraries*. Washington, DC: Council on Library Resources, 1986.
- Dewey, Barbara I. "The Imperative for Diversity: ARL's Progress and Role." *portal: Libraries and the Academy* 9, no. 3 (2009): 355–62.
- Downs, Robert B. "The Growth of Research Collections." *Library Trends: American Library History: 1876–1976* 25 (July 1976): 55–80.
- \_\_\_\_\_. "Uniform Statistics for Library Holdings." *Library Quarterly* 16 (January 1946): 63–69.
- Drake, Miriam A. "Forecasting Academic Library Growth." *College and Research Libraries* 37 (January 1976): 53–59.
- Franklin, Brinley. "Duane Webster, Assessment Pioneer." *portal: Libraries and the Academy* 9, no. 3 (2009): 339–48.
- Franklin, Brinley, Colleen Cook, Martha Kyrillidou, and Bruce Thompson. "Library Investment Index—Why Is It Important?" *Proceedings of the 2008 Library Assessment Conference: Building Effective, Sustainable, and Practical Assessment*, August 4–7, 2008, Seattle, Washington. (Washington, DC: Association of Research Libraries, 2009): 147–54.
- Frazier, Kenneth. "The Librarians' Dilemma: Contemplating the Costs of the 'Big Deal,'" *D-Lib Magazine* 7, no. 3 (March 2001), viewed online at <http://www.dlib.org/dlib/march01/frazier/03frazier.html>.
- Funk, Cara J. "ARL and Association 3.0: Ten Management Challenges." *portal: Libraries and the Academy* 9, no. 3 (2009): 405–10.
- Gooden, Paul, Matthew Owen, and Sarah Simon. *Scientific Publishing: Knowledge is Power*. New York: Morgan Stanley, 2002.
- Guthrie, Kevin M. "It Didn't Have to Be This Way: Entrepreneurship at ARL During Duane Webster's Tenure." *portal: Libraries and the Academy* 9, no. 3 (2009): 411–18.
- Haslett, K. Mark. "Canada, Copyright, and the Common Good." *portal: Libraries and the Academy* 9, no. 3 (2009): 375–80.

- Hayes, Robert M. *Strategic Management for Academic Libraries: A Handbook*. Westport, Conn.: Greenwood Press, 1993.
- Heath, Fred. "A Salute to a Leader: ARL's Assessment Protocol Initiatives." *portal: Libraries and the Academy* 9, no. 3 (2009): 333–38.
- Heath, Fred, Colleen Cook, Martha Kyrillidou, and Bruce Thompson. "ARL Index and Other Validity Correlates of LibQUAL+ Scores." *portal: Libraries and the Academy* 2 (2002): 27–42.
- Hernon, Peter, and Ellen Altman. *Assessing Service Quality*. Chicago: American Library Association, 1998.
- Hernon, Peter, and Robert E. Dugan. *Action Plan for Outcomes Assessment in Your Library*. Chicago: American Library Association, 2002.
- Hernon, Peter, and John R. Whitman. *Delivering Satisfaction and Service Quality*. Chicago: American Library Association, 2001.
- Hightower, Christy, Julie Sih, and Adam Tilgham. "Recommendations for Benchmarking Web Site Usage Among Academic Libraries." *College and Research Libraries* 59 (January 1998): 61–79.
- Hiller, Steve, Martha Kyrillidou, and Jim Self. "Assessment in North American Research Libraries: a Preliminary Report Card." *Performance Measurement and Metrics* 7, no. 2 (2006): 100–6.
- Jackson, Mary E. *Measuring the Performance of Interlibrary Loan Operations in North American Research & College Libraries*. Washington, DC: Association of Research of Libraries, 1998.
- Jakubs, Deborah. "The Global Resources Program." *portal: Libraries and the Academy* 9, no. 3 (2009): 327–32.
- Johnson, Richard K. "A Question of Access: SPARC, BioOne, and Society-Driven Electronic Publishing." *D-Lib Magazine* (May 2000), accessed at <http://www.dlib.org/dlib/may00/johnson/05johnson.html> on August 21, 2001.
- Johnson, Richard K, and Judy Luther. "The E-Only Tipping Point for Journals." Washington, DC: Association of Research of Libraries, 2007.
- Kling, Rob, Lisa Spector, and Geoff McKim. "The Guild Model." *The Journal of Electronic Publishing* 8, no. 1 (August 2002).
- Kuhlman, A. F. "Two ARL Approaches to Counting Holdings of Research Libraries." *College and Research Libraries* 21 (May 1960): 207–11.
- Kyrillidou, Martha. "To Describe and Measure the Performance of North American Research Libraries." *IFLA Journal* 27 (2001, No. 4): 257–63.
- \_\_\_\_\_. "From Input and Output Measures to Quality and Outcome Measures, or, from the User in the Life of the Library to the Library in the Life of the User." *The Journal of Academic Librarianship* 28, no. 1 (January-March 2002): 42–46.
- \_\_\_\_\_. "Library Assessment as a Collaborative Enterprise." *Resource Sharing and Information Networks* 1/2 (Special 2005–06 issue on the theme "Creative Collaborations: Libraries Within Their Institutions and Beyond"): 73–87.

- \_\_\_\_\_. "Research Library Trends: *ARL Statistics*." Washington, DC: Association of Research Libraries, 2001. Accessed at <http://www.arl.org/stats/arlstat/jal99.html> on August 22, 2001.
- Kyrillidou, Martha, and Colleen Cook. "The Evolution of Measurement and Evaluation of Libraries: A Perspective from the Association of Research Libraries." *Library Trends* 56, no. 4 (Spring 2008): 888–909.
- Kyrillidou, Martha, and Fred Heath, eds. "Measuring Service Quality." *Library Trends* 49 (Spring 2001).
- Lakos, Amos. "Culture of Assessment as a Catalyst for Organizational Culture Change in Libraries." *Proceedings from the 4<sup>th</sup> Northumbria International Conference on Performance Measurement in Libraries and Information Services*, edited by Joan Stein, Martha Kyrillidou, and Denise Davis. Washington, DC: Association of Research Libraries, 2002.
- Lavoie, Brian, Lynn Silipigni Connaway, and Lorcan Demsey. "Anatomy of aggregate collections: the example of Google Print for libraries" *D-Lib Magazine* 11, no. 9 (September 2005): <http://www.dlib.org/dlib/september05/lavoie/09lavoie.html> .
- Lynch, Clifford A., and Joan K. Lippincott. "Institutional Repository Deployment in the United States as of Early 2005." *D-Lib Magazine* 11, no. 9 (September 2005): <http://www.dlib.org/dlib/september05/lynch/09lynch.html> .
- Mekkawi, Mod. "The ARL Library Index as a Decision-Making Tool." *College and Research Libraries* 43 (September 1982): 396–401.
- Miller, Rush, and Sherrie Schmidt. "E-Metrics: Measures for Electronic Resources." *Proceedings from the 4<sup>th</sup> Northumbria International Conference on Performance Measurement in Libraries and Information Services*, edited by Joan Stein, Martha Kyrillidou, and Denise Davis. Washington, DC: Association of Research Libraries, 2002.
- Miller, Rush, Sherrie Schmidt, and Martha Kyrillidou. "New Initiatives in Performance Measures." *Global Issues in 21<sup>st</sup> Century Research Librarianship*, edited by Sigrun Klara Hannesdottir. Helsinki: NORDINFO, 2002.
- Molyneux, Robert E. *The Gerould Statistics 1907/08 – 1961/62*. Washington, DC: Association of Research Libraries, 1986.
- \_\_\_\_\_. "Patterns, Processes of Growth, and the Projection of Library Size: A Critical Review of the Literature on Academic Library Growth." *Library and Information Science Research* 8 (January-March 1986): 5–28.
- \_\_\_\_\_. "What Did Rider Do? An Inquiry into the Methodology of Fremont Rider's *The Scholar and the Future of the Research Library*." *Libraries and Culture* 29 (Summer 1994): 297–325.
- Molyneux, Robert E., and Robert V. Williams. "Measuring the Internet." *Annual Review of Information Science and Technology* 34 (1999–2000): 287–339.
- Morris, Dilys E., Collin B. Hobert, Lori Osmus, and Gregory Wool. "Cataloging Staff Costs Revisited." *LRTS* 44 (2000): 70–83.
- Nitecki, Danuta, and Toni Olshen. "Developing Service Quality Measurement Skills Through an Online Course for Librarians." *Proceedings from the 4<sup>th</sup> Northumbria International Conference on Performance Measurement in Libraries and Information Services*, edited by Joan Stein, Martha Kyrillidou, and Denise Davis. Washington, DC: Association of Research Libraries, 2002.

- O'Connor, Lisa, Carolyn Radcliff, and Julie Gedeon. "Applying Systems Design and Item Response Theory to the Problem of Measuring Information Literacy Skills." *College and Research Libraries* 63, no. 6 (2002): 528–43.
- Piternick, George. "ARL Statistics—Handle With Care." *College and Research Libraries* 38 (September 1977): 419–23.
- \_\_\_\_\_. "Library Growth and Academic Quality." *College and Research Libraries* 24 (May 1963): 223–29.
- Rider, Fremont. *The Scholar and the Future of the Research Library*. New York: Hadham Press, 1944.
- Roche, Marilyn M. *ARL/RLG Interlibrary Loan Cost Study*. Washington, DC: Association of Research Libraries, 1993.
- Rosenblatt, Susan. "Developing Performance Measures for Library Collections and Services." Chap. 18 in *The Mirage of Continuity: Reconfiguring Academic Information Resources for the 21st Century*, edited by Brian L. Hawkins and Patricia Battin. Washington, DC: Council on Library and Information Resources, 1998.
- Shim, Wonsik, Charles McClure, and John Carlo Bertot. "Preliminary Statistics and Measures for ARL Libraries to Describe Electronic Resources and Services." *Proceedings from the 4<sup>th</sup> Northumbria International Conference on Performance Measurement in Libraries and Information Services*, edited by Joan Stein, Martha Kyrillidou, and Denise Davis. Washington, DC: Association of Research Libraries, 2002.
- Shulenburg, David. "The Political Climate for Higher Education During Duane Webster's ARL Tenure." *portal: Libraries and the Academy* 9, no. 3 (2009): 363–66.
- Stubbs, Kendon. "Access and ARL Membership Criteria." *Proceedings of the 125<sup>th</sup> Meeting of the Association of Research Libraries* (1993): 117–22.
- \_\_\_\_\_. "Apples and Oranges and ARL Statistics." *Journal of Academic Librarianship* 14 (September 1988): 231–35.
- \_\_\_\_\_. "Lies, Damned Lies, ... and ARL Statistics?" Paper presented at the 108<sup>th</sup> meeting of Research Libraries: Measurement, Management, Marketing (May 1986): Minneapolis, MN.
- \_\_\_\_\_. "On the ARL Library Index." Paper presented at the 108<sup>th</sup> meeting of Research Libraries: Measurement, Management, Marketing (May 1986): Minneapolis, MN.
- \_\_\_\_\_. "University Libraries: Standards and Statistics." *College and Research Libraries* 42 (November 1981): 527–38.
- Sullivan, Maureen. "Duane Webster's Contribution to Organization Development in Academic and Research Libraries." *portal: Libraries and the Academy* 9, no. 3 (2009): 313–16.
- Thompson, Bruce. "Some Alternative Quantitative Library Activity Descriptions/Statistics that Supplement the ARL Logarithmic Index." Washington, DC: Association of Research Libraries, 2006.
- Thompson, Bruce, Colleen Cook, and Russell Thompson. "Reliability and Structure of LibQUAL+ Scores." *portal: Libraries and the Academy* 2 (2002): 3–12.
- van Westrienen, Gerard, and Clifford A. Lynch. "Academic Institutional Repositories: dDeployment Status in 13 Nations as of Mid 2005" *D-Lib Magazine* 11, no. 9 (September 2005): <http://www.dlib.org/dlib/september05/westrienen/09westrienen.html> .

- Vaughn, John C. "AAU and ARL: The Role of Partnerships and Collective Advocacy in Policy Development." *portal: Libraries and the Academy* 9, no. 3 (2009): 397–404.
- Weiner, Sharon. "Library Quality and Impact: Is There a Relationship Between New Measures and Traditional Measures?" *Journal of Academic Librarianship* 31 (2005): 432–37.
- West, Richard P. "The Coalition for Networked Information and the Rewards of Risk Taking." *portal: Libraries and the Academy* 9, no. 3 (2009): 317–25.
- Wilder, Stanley J. *The Age Demographics of Academic Librarians: A Profession Apart. A Report Based on Data from the ARL Annual Salary Survey*. Washington, DC: Association of Research Libraries, 1995.
- \_\_\_\_\_. *Demographic Change in Academic Librarianship*. Washington, D.C.: Association of Research Libraries, 2003.
- Williams, Robert V. "The Making of Statistics of National Scope on American Libraries, 1836–1986: Purposes, Problems, and Issues." *Libraries and Culture* 26 (Spring 1991): 464–85.
- Wysocki, Bernard. "Scholarly Journals' Premiere Status is Diluted by Web." *Wall Street Journal*, May 23, 2005; Page A1.

