

**ARL LIBRARY DATA TABLES**  
**2013–2014**

## COLLECTIONS AND COLLECTION EXPENDITURES

	Notes	Titles Held 1	Volumes In Library 2	Electronic Books 4	One-time resource purchases 7a	Ongoing resource purchases 7b	Collection Support 7c	Total Library Materials 7
ALABAMA	Lmb+	3,841,736	4,391,464	1,225,058	1,899,035	8,449,837	538,136	10,887,008
ALBERTA	LM+	4,463,667	8,398,944	1,161,675	6,260,034	11,959,233	1,524,426	19,743,693
ARIZONA	Lmb+	4,796,552	6,877,849	1,522,548	3,087,253	10,414,308	1,159,417	14,660,978
ARIZONA STATE	LB+	3,961,127	4,669,306	584,430	1,978,479	9,716,725	428,294	12,123,498
AUBURN	b+	3,492,354	4,416,728	867,928	587,794	5,986,779	20,045	6,594,618
BOSTON	Lmb+	2,924,255	3,688,478	1,259,861	1,541,266	9,764,918	284,349	11,590,533
BOSTON COLLEGE	Lb+	2,463,662	3,174,742	570,918	2,766,541	8,872,359	263,601	11,902,501
BRIGHAM YOUNG	L+	4,016,365	4,633,306	717,939	2,089,952	8,571,836	300,202	10,961,990
BRITISH COLUMBIA	Lmb+	5,698,583	6,631,545	1,843,028	4,498,091	12,122,295	142,741	16,763,126
BROWN	Mb+	4,161,965	5,415,232	1,607,045	3,757,453	6,781,251	973,055	11,511,759
CALGARY	LM+	3,165,928	3,945,194	944,517	2,233,735	8,708,524	1,198,261	12,140,520
CALIFORNIA, BERKELEY	Lb+	10,114,791	12,548,223	1,534,101	7,148,257	14,979,072	599,463	22,726,792
CALIFORNIA, DAVIS	Lmb+	3,401,755	4,510,293	705,993	1,453,947	7,437,406	49,305	8,940,658
CALIFORNIA, IRVINE	Lmb+	3,155,263	3,430,327	1,004,187	2,026,190	7,087,710	204,424	9,318,324
CALIFORNIA, LOS ANGELES	LM+	11,898,411	12,007,941	1,722,087	4,779,798	9,973,207	857,460	15,610,465
CALIFORNIA, RIVERSIDE	+	2,663,262	4,134,518	640,591	626,387	3,546,179	251,976	4,424,542
CALIFORNIA, SAN DIEGO	M+	4,713,846	5,583,014	1,784,849	2,544,286	7,021,984	0	9,566,270
CALIFORNIA, SANTA BARBARA	+	8,046,138	3,123,554	652,970	1,487,400	4,126,733	246,673	5,860,806
CASE WESTERN RESERVE	Lmb+	2,527,723	3,173,419	549,840	1,129,652	6,426,490	100,781	7,656,923
CHICAGO	Lmb+	6,860,280	11,560,575	1,407,239	5,813,318	12,869,225	494,110	19,176,653
CINCINNATI	LMBb+	3,484,607	4,473,475	1,431,414	1,536,369	8,385,381	255,915	10,177,665
COLORADO	b+	5,404,282	7,641,471	584,830	2,100,368	8,241,720	858,278	11,200,366
COLORADO STATE	b+	1,885,182	2,245,807	479,338	578,482	6,549,395	695,649	7,823,526
COLUMBIA	LM+	9,022,370	13,119,661	1,952,798	9,488,655	17,004,556	3,006,838	29,500,049
CONNECTICUT	LMBb+	2,641,242	3,923,364	564,181	1,173,873	8,372,512	1,146,923	10,693,308
CORNELL	LMB+	6,948,123	9,198,958	1,173,921	.	.	.	21,560,997
DARTMOUTH	Mb+	2,829,616	3,363,205	731,574	1,665,811	8,800,071	229,239	10,695,121
DELAWARE	+	2,253,730	3,235,685	422,284	2,671,457	7,479,184	319,232	10,469,873
DUKE	Lmb+	5,898,837	7,607,727	1,392,485	6,308,215	11,908,356	503,804	18,720,375
EMORY	LMB+	3,378,987	4,184,484	688,935	5,277,854	12,374,707	45,080	17,697,641

## COLLECTIONS AND COLLECTION EXPENDITURES

	Notes	Titles Held 1	Volumes In Library 2	Electronic Books 4	One-time resource purchases 7a	Ongoing resource purchases 7b	Collection Support 7c	Total Library Materials 7
FLORIDA	LMBb+	4,933,357	5,021,000	1,152,307	1,022,641	11,271,840	533,500	12,827,981
FLORIDA STATE	LMBb+	3,067,049	2,836,043	357,153	1,107,346	8,141,374	192,214	9,440,934
GEORGE WASHINGTON	LMB+	2,314,270	3,134,858	619,713	2,483,411	7,942,201	1,767,410	12,193,022
GEORGETOWN	LMBb+	4,055,631	4,798,606	1,672,222	3,878,430	10,150,007	370,985	14,399,422
GEORGIA	Lb+	4,024,380	5,089,626	623,448	2,300,116	9,818,449	713,126	12,831,691
GEORGIA TECH	+	1,098,890	2,489,518	272,503	329,325	7,145,229	0	7,474,554
GUELPH	B+	1,847,444	2,021,024	408,669	1,493,172	4,865,533	802,009	7,160,715
HARVARD	LMB+	14,195,095	19,848,652	710,029	18,203,127	17,014,186	9,636,705	44,854,018
HAWAII	LMB+	2,895,212	3,466,292	272,949	1,167,982	6,455,646	232,860	7,856,488
HOUSTON	Lb+	2,516,360	3,352,322	612,230	1,042,641	9,153,224	1,223,383	11,419,248
HOWARD	LMB+	1,352,528	2,947,284	170,703	258,156	4,838,729	673,065	5,769,950
ILLINOIS, CHICAGO	Mb+	2,534,801	2,315,361	455,617	1,040,969	7,001,547	11,402	8,053,918
ILLINOIS, URBANA	Lb+	8,383,821	14,072,988	903,279	5,624,045	12,949,625	639,031	19,212,701
INDIANA	L+	7,234,398	9,934,302	1,864,483	5,722,628	9,720,125	585,035	16,027,788
IOWA	LM+	5,376,505	7,311,554	1,578,459	3,070,277	14,878,228	654,753	18,603,258
IOWA STATE	+	2,421,622	2,858,602	384,019	2,436,681	11,103,006	216,960	13,756,647
JOHNS HOPKINS	MB+	3,731,332	4,460,406	1,210,320	3,041,280	15,150,497	304,608	18,496,385
KANSAS	LMBb+	4,813,780	4,693,070	911,465	1,955,354	7,697,432	478,933	10,131,719
KENT STATE	+	2,559,662	3,316,723	910,201	725,616	4,028,731	626,734	5,381,081
KENTUCKY	LMB+	3,501,066	4,608,331	1,127,500	1,473,797	8,747,061	755,785	10,976,643
LAVAL	LM+	2,036,697	4,180,577	202,901	2,747,635	8,807,432	397,679	11,952,746
LOUISIANA STATE	LMB+	5,125,306	5,038,796	704,715	921,941	6,139,559	146,999	7,208,499
LOUISVILLE	MBb+	1,660,906	2,332,386	60,930	260,948	9,440,879	223,002	9,924,829
MCGILL	LMBb+	4,392,826	5,486,918	1,830,225	4,102,120	12,555,101	0	16,657,221
MCMASTER	Mb+	1,997,052	2,253,025	589,717	751,491	7,392,295	968,007	9,111,792
MANITOBA	LMB+	2,085,532	2,519,848	723,400	2,226,359	6,533,880	645,319	9,405,558
MARYLAND	b+	3,909,206	4,328,653	1,031,379	1,811,482	8,932,868	655,798	11,400,148
MASSACHUSETTS	+	3,310,591	4,351,859	1,632,455	1,179,430	6,143,647	248,384	7,571,461
MIT	b+	2,192,182	2,881,988	576,107	1,368,982	8,252,796	254,257	9,876,035
MIAMI	LMB+	3,105,352	3,610,359	793,492	2,624,821	10,387,381	267,958	13,280,160

## COLLECTIONS AND COLLECTION EXPENDITURES

	Notes	Titles Held 1	Volumes In Library 2	Electronic Books 4	One-time resource purchases 7a	Ongoing resource purchases 7b	Collection Support 7c	Total Library Materials 7
MICHIGAN	LM+	8,690,613	13,250,648	2,524,792	8,140,507	15,228,888	2,089,726	25,459,121
MICHIGAN STATE	L+	6,695,099	6,721,988	1,594,547	3,905,692	11,773,745	629,535	16,308,972
MINNESOTA	LMB+	4,034,731	8,256,400	595,029	3,960,427	13,229,303	773,932	17,963,662
MISSOURI	LM+	3,610,590	4,682,304	1,467,268	1,036,556	7,314,620	309,499	8,660,675
MONTREAL	LMB+	2,857,474	3,814,783	580,671	2,061,115	10,147,750	301,741	12,510,606
NEBRASKA	Lb+	2,700,142	3,791,910	760,450	1,324,811	7,228,018	65,885	8,618,714
NEW MEXICO	LMB+	3,973,114	3,389,401	691,932	1,249,463	6,533,881	1,558,287	9,341,631
NEW YORK	LMBb+	5,304,562	6,253,028	1,749,379	10,455,721	15,840,884	979,211	27,275,816
NORTH CAROLINA	LM+	4,877,368	7,814,952	1,219,543	4,696,643	10,634,400	226,321	15,557,364
NORTH CAROLINA STATE	+	2,551,636	4,919,705	761,640	1,398,786	7,997,862	1,282,563	10,679,211
NORTHWESTERN	LMBb+	5,286,321	6,251,124	1,416,083	4,186,625	11,037,394	478,454	15,702,473
NOTRE DAME	Lb+	3,734,225	4,591,712	667,466	5,126,375	7,854,164	371,765	13,352,304
OHIO	MBb+	3,035,871	3,386,986	1,026,826	708,603	4,062,419	222,659	4,993,681
OHIO STATE	LMB+	6,075,215	8,926,559	858,294	5,860,676	12,109,129	1,008,109	18,977,914
OKLAHOMA	LM+	3,939,771	6,116,152	1,288,785	2,281,125	11,194,632	823,272	14,299,029
OKLAHOMA STATE	MBb+	3,438,141	4,104,776	1,623,854	1,743,796	6,925,037	213,721	8,882,554
OREGON	LBb+	2,145,929	3,245,882	298,281	1,699,747	5,478,150	265,795	7,443,692
OTTAWA	LM+	2,565,867	3,360,829	1,030,312	5,579,453	8,369,180	10,482	13,959,115
PENNSYLVANIA	LM	5,337,449	7,410,549	1,150,462	4,380,540	13,200,409	804,532	18,385,481
PENNSYLVANIA STATE	LMBb+	5,336,986	7,281,750	444,358	5,135,616	14,539,358	612,749	20,287,723
PITTSBURGH	LMB+	5,218,300	7,124,077	1,269,457	2,096,485	13,815,011	705,799	16,617,295
PRINCETON	b+	6,257,295	8,663,694	382,935	11,562,978	13,172,616	1,101,417	25,837,011
PURDUE	+	2,587,047	3,747,273	1,569,477	1,782,128	11,263,563	383,222	13,428,913
QUEEN'S	LMB+	2,622,287	3,119,094	684,259	1,018,314	7,251,449	652,217	8,921,980
RICE	+	2,407,628	2,842,929	122,516	2,381,832	7,104,980	459,251	9,946,063
ROCHESTER	Mb+	3,087,086	4,207,872	585,301	2,206,724	7,653,434	84,134	9,944,292
RUTGERS	LBM+	3,146,048	5,455,299	687,898	1,198,053	12,753,158	159,154	14,110,365
SASKATCHEWAN	LM+	1,919,329	2,669,043	518,154	1,868,872	9,426,502	413,111	11,708,485
SOUTH CAROLINA	LMB+	2,489,688	5,679,527	619,459	571,537	8,109,377	260,996	8,941,910
SOUTHERN CALIFORNIA	LMBb+	3,991,257	5,571,398	1,054,103	4,928,267	17,024,865	475,784	22,428,916

## COLLECTIONS AND COLLECTION EXPENDITURES

	Notes	Titles Held 1	Volumes In Library 2	Electronic Books 4	One-time resource purchases 7a	Ongoing resource purchases 7b	Collection Support 7c	Total Library Materials 7
SOUTHERN ILLINOIS	LM+	2,315,485	3,360,046	268,365	718,528	5,760,870	468,842	6,948,240
SUNY-ALBANY	b+	1,602,005	2,511,510	123,776	713,016	5,024,993	295,082	6,033,091
SUNY-BUFFALO	LM+	3,646,471	4,130,967	726,272	1,012,545	7,987,314	65,468	9,065,327
SUNY-STONY BROOK	Mb+	2,182,148	2,209,471	351,199	602,464	7,444,594	354,563	8,401,621
SYRACUSE	Lb+	3,041,584	4,039,493	317,214	2,078,121	7,216,767	275,666	9,570,554
TEMPLE	LMBb+	3,446,686	4,584,591	906,720	2,063,849	9,060,269	387,192	11,511,310
TENNESSEE	LMBb+	2,494,291	3,522,904	587,530	1,770,715	12,651,455	359,007	14,781,177
TEXAS	L+	7,095,417	11,393,355	1,201,996	9,356,911	11,104,352	461,386	20,922,649
TEXAS A&M	MBLb+	4,109,075	5,173,340	1,509,470	3,771,490	16,572,497	3,265,093	23,609,080
TEXAS TECH	LMB+	796,729	3,478,869	631,240	1,378,641	12,775,717	102,283	14,256,641
TORONTO	LMB+	8,041,704	13,923,039	1,905,362	12,918,674	16,332,058	473,956	29,724,687
TULANE	LMB+	2,976,484	4,479,101	1,010,105	2,495,847	8,734,433	683,326	11,913,606
UTAH	LMB+	3,448,961	3,671,129	345,663	2,063,230	6,404,157	328,848	8,796,235
VANDERBILT	LM+	3,861,552	4,614,805	1,535,056	1,082,273	10,709,846	158,182	11,950,301
VIRGINIA	LMB+	5,197,490	5,655,334	501,605	2,825,419	9,104,526	179,175	12,109,120
VIRGINIA TECH	b+	2,279,339	3,147,160	816,733	1,678,319	6,870,496	612,201	9,161,016
WASHINGTON	LMBb+	.	9,463,768	619,007	3,606,697	11,375,014	1,086,283	16,067,994
WASHINGTON STATE	Bb+	2,378,138	2,946,984	589,564	559,020	6,288,664	0	6,847,684
WASHINGTON U.-ST. LOUIS	LMB+	4,006,376	5,128,983	1,494,508	2,755,186	10,685,631	270,621	13,711,438
WATERLOO	+	2,361,400	2,487,344	416,952	898,998	7,677,094	288,190	8,864,282
WAYNE STATE	LMB+	2,583,935	2,976,886	927,462	520,680	8,724,568	218,242	9,463,490
WESTERN	Lb+	3,886,093	5,271,741	1,307,420	1,754,437	10,863,422	671,965	13,289,824
WISCONSIN	LM+	7,437,916	9,575,506	1,178,742	3,143,151	9,177,031	476,884	12,797,066
YALE	LMB+	10,695,257	13,547,882	1,456,769	24,036,092	13,384,956	1,362,835	38,783,883
YORK	LB+	3,348,325	4,325,241	1,231,317	3,115,527	7,779,172	100,682	10,995,381
BOSTON PUBLIC	b+	3,235,442	4,341,961	50,720	4,056,585	407,000	.	4,463,585
NATL RES COUNCIL CANADA	b+	.	.	.	.	.	.	.
CENTER FOR RESEARCH LIBS	+	.	.	.	.	1,209,670	24,760	1,234,430
LIBRARY OF CONGRESS	LBb+	128,923,299	39,156,157	1,041,000	15,088,019	9,451,917	0	24,539,936
NATL AGRICULTURAL LIB	+	1,171,277	2,402,664	65,763	275,240	4,931,236	262,520	5,468,996

## COLLECTIONS AND COLLECTION EXPENDITURES

	Notes	Titles Held 1	Volumes In Library 2	Electronic Books 4	One-time resource purchases 7a	Ongoing resource purchases 7b	Collection Support 7c	Total Library Materials 7
NATLARCHIVES	+	105,400	186,770	0	2,000	82,000	22,000	106,000
NATL LIB OF MEDICINE	+	1,476,641	2,781,201	14,686	1,283,409	1,092,601	790,108	3,166,118
NEW YORK PUBLIC	+	7,956,702	10,417,846	407,897	7,887,569	4,659,089	205,342	12,752,000
NEW YORK STATE		2,037,870	2,874,214	10,530	142,551	1,997,160	0	2,139,711
SMITHSONIAN	+	885,926	2,006,334	0	406,470	1,429,689	375,770	2,211,929

+ - See Footnotes

L - Includes Law Library

M - Includes Medical Library

B - Includes branch campuses

b - Basis of volume count is bibliographic

. - Unavailable, not applicable or no data supplied

**COLLECTIONS AND COLLECTION EXPENDITURES**  
**Summary Data**

		Titles Held 1	Volumes In Library 2	Electronic Books 4	One-time resource purchases 7a	Ongoing resource purchases 7b	Collection Support 7c	Total Library Materials 7
<b>University Libraries</b>	Mean	4,087,170	5,418,614	932,998	3,125,872	9,513,812	628,008	13,339,807
	Median	3,466,784	4,460,406	793,492	2,070,985	8,803,752	405,395	11,708,485
	High	14,195,095	19,848,652	2,524,792	24,036,092	17,024,865	9,636,705	44,854,018
	Low	796,729	2,021,024	60,930	258,156	3,546,179	0	4,424,542
	Totals	465,937,422	623,140,553	107,294,732	356,349,450	1,084,574,536	71,592,873	1,534,077,856
	Number of Libraries Reporting	114	115	115	114	114	114	115
<b>Nonuniversity Libraries</b>	Median	1,757,256	2,827,708	32,703	844,940	1,429,689	115,051	3,166,118
	Totals	145,792,557	64,167,147	1,590,596	29,141,843	25,260,362	1,680,500	56,082,705
	Number of Libraries Reporting	8	8	8	8	9	8	9
<b>Grand Totals</b>		611,729,979	687,307,700	108,885,328	385,491,293	1,109,834,898	73,273,373	1,590,160,561

## SALARY EXPENDITURES

	Notes	Salaries & Wages Professional Staff 8a	Salaries & Wages Support Staff 8b	Salaries & Wages Student Assistants 8c	Total Salaries and Wages 8	Fringe Benefits 10	Fringe Benefits - designated % 11
ALABAMA	Lmb+	5,246,628	2,041,538	559,171	7,847,337	2,215,796	32.00
ALBERTA	LM+	7,295,214	6,966,718	627,510	14,889,441	3,290,361	.
ARIZONA	Lmb+	5,255,513	4,488,078	717,535	10,461,126	3,636,592	30.00
ARIZONA STATE	LB+	3,952,263	5,421,125	561,727	9,935,115	3,587,778	37.00
AUBURN	b+	3,309,189	960,700	439,384	4,709,273	1,323,666	31.00
BOSTON	Lmb+	6,701,855	3,536,329	616,022	10,854,206	2,791,044	29.80
BOSTON COLLEGE	Lb+	6,174,748	2,928,874	826,735	9,930,357	3,404,531	38.00
BRIGHAM YOUNG	L+	8,294,259	2,234,939	2,930,564	13,459,762	6,990,158	64.60
BRITISH COLUMBIA	Lmb+	10,370,898	6,067,911	1,288,854	17,727,662	3,237,608	17.00
BROWN	Mb+	5,420,337	3,670,593	333,038	9,423,968	2,778,527	30.50
CALGARY	LM+	6,401,274	8,372,103	593,763	15,367,141	3,306,255	20.00
CALIFORNIA, BERKELEY	Lb+	18,460,866	5,878,383	2,641,663	26,980,912	9,347,203	.
CALIFORNIA, DAVIS	Lmb+	4,640,356	4,083,866	436,594	9,160,816	4,325,953	48.00
CALIFORNIA, IRVINE	Lmb+	4,758,552	4,914,961	462,279	10,135,792	4,053,696	.
CALIFORNIA, LOS ANGELES	LM+	13,955,356	11,146,934	2,625,932	27,728,222	10,085,906	.
CALIFORNIA, RIVERSIDE	+	2,885,792	2,573,599	386,557	5,845,948	2,485,707	32.00
CALIFORNIA, SAN DIEGO	M+	8,535,459	4,356,666	1,205,843	14,097,968	6,862,614	49.00
CALIFORNIA, SANTA BARBARA	+	3,618,814	4,049,814	767,534	8,436,162	3,181,411	26.50
CASE WESTERN RESERVE	Lmb+	3,824,019	1,107,552	562,970	5,494,541	1,553,445	31.50
CHICAGO	Lmb+	5,809,150	6,791,294	1,205,749	13,806,193	3,721,968	29.50
CINCINNATI	LMBb+	6,289,936	1,734,838	712,295	8,737,069	3,287,552	41.10
COLORADO	b+	3,971,369	4,268,649	1,004,849	9,244,867	2,468,865	28.00
COLORADO STATE	b+	3,907,093	2,740,512	787,078	7,434,683	2,679,425	25.00
COLUMBIA	LM+	22,882,142	7,211,579	1,513,342	31,607,063	10,420,950	33.70
CONNECTICUT	LMBb+	6,680,551	3,771,518	480,468	10,932,537	5,791,803	55.00
CORNELL	LMB+	15,157,396	8,026,063	803,183	23,986,642	6,776,599	36.00
DARTMOUTH	Mb+	4,832,136	3,764,601	465,323	9,062,060	2,957,493	34.50
DELAWARE	+	4,861,867	2,880,513	367,963	8,110,343	3,608,263	36.20
DUKE	Lmb+	11,248,612	4,562,933	30,190	15,841,735	4,050,652	26.30
EMORY	LMB+	9,993,130	5,321,254	851,374	16,165,758	3,960,113	28.00



## SALARY EXPENDITURES

	Notes	Salaries & Wages Professional Staff 8a	Salaries & Wages Support Staff 8b	Salaries & Wages Student Assistants 8c	Total Salaries and Wages 8	Fringe Benefits 10	Fringe Benefits - designated % 11
FLORIDA	LMBb+	6,410,523	6,651,793	581,107	13,643,423	4,308,200	26.00
FLORIDA STATE	LMBb+	4,915,145	2,071,530	869,056	7,855,731	2,152,947	28.00
GEORGE WASHINGTON	LMB+	6,377,747	4,866,590	642,882	11,887,219	2,956,158	25.00
GEORGETOWN	LMBb+	7,665,092	4,261,612	762,290	12,688,994	4,204,894	38.00
GEORGIA	Lb+	4,631,630	5,224,787	881,948	10,738,365	3,442,705	34.00
GEORGIA TECH	+	3,618,001	2,775,438	78,781	6,472,220	1,805,106	28.50
GUELPH	B+	4,499,047	2,634,206	173,846	7,307,099	2,063,056	28.20
HARVARD	LMB+	39,722,648	16,563,134	2,827,890	59,113,672	26,344,845	34.10
HAWAII	LMB+	6,211,010	2,675,965	1,081,750	9,968,725	4,023,931	45.46
HOUSTON	Lb+	4,397,957	2,530,151	658,041	7,586,149	2,324,576	31.00
HOWARD	LMB+	2,551,774	2,034,052	175,394	4,761,220	1,022,477	29.10
ILLINOIS, CHICAGO	Mb+	4,426,334	3,001,907	683,847	8,112,088	3,110,986	38.35
ILLINOIS, URBANA	Lb+	12,388,327	7,496,010	2,665,449	22,549,786	8,600,406	44.67
INDIANA	L+	9,039,138	4,171,963	1,590,671	14,801,772	5,687,766	43.72
IOWA	LM+	6,625,088	4,425,883	832,327	11,883,298	4,370,311	35.00
IOWA STATE	+	2,595,348	3,965,009	382,433	6,942,790	2,508,881	.
JOHNS HOPKINS	MB+	9,916,909	3,460,201	697,595	14,074,705	4,304,227	34.50
KANSAS	LMBb+	7,707,214	2,311,884	917,065	10,936,163	3,385,709	18.76
KENT STATE	+	3,467,002	715,312	542,743	4,725,057	1,687,043	35.00
KENTUCKY	LMB+	5,941,463	2,258,765	508,814	8,709,042	2,595,972	27.00
LAVAL	LM+	4,333,449	5,898,039	.	10,231,488	2,685,267	19.70
LOUISIANA STATE	LMB+	3,474,679	1,873,429	485,290	5,833,398	2,012,739	40.00
LOUISVILLE	MBb+	3,307,333	2,449,004	480,163	6,236,500	2,152,531	28.00
MCGILL	LMBb+	5,148,517	6,558,930	245,596	11,953,042	1,945,687	28.00
MCMASTER	Mb+	3,475,708	2,826,783	228,107	6,530,598	2,567,072	42.00
MANITOBA	LMB+	5,576,316	4,897,713	825,832	11,299,862	2,244,853	18.00
MARYLAND	b+	8,958,676	2,722,251	951,643	12,632,570	3,576,233	.
MASSACHUSETTS	+	4,828,484	3,036,092	719,850	8,584,426	213,164	28.30
MIT	b+	7,281,943	2,735,104	433,327	10,450,374	2,804,055	28.00
MIAMI	LMB+	6,272,753	3,354,294	658,353	10,285,400	3,238,297	.

## SALARY EXPENDITURES

	Notes	Salaries & Wages Professional Staff 8a	Salaries & Wages Support Staff 8b	Salaries & Wages Student Assistants 8c	Total Salaries and Wages 8	Fringe Benefits 10	Fringe Benefits - designated % 11
MICHIGAN	LM+	15,317,578	16,373,733	2,230,905	33,922,216	10,173,954	32.00
MICHIGAN STATE	L+	6,429,186	5,480,278	746,319	12,655,783	.	.
MINNESOTA	Lmb+	8,717,959	8,583,337	1,352,313	18,653,609	6,207,554	34.90
MISSOURI	LM+	3,626,076	3,100,354	471,597	7,198,027	2,267,319	35.37
MONTREAL	Lmb+	8,540,463	9,680,096	145,278	18,365,838	4,938,220	.
NEBRASKA	Lb+	3,444,989	3,182,712	690,447	7,318,148	1,999,139	28.30
NEW MEXICO	Lmb+	4,043,802	4,713,181	776,856	9,533,839	2,937,832	32.28
NEW YORK	LMBb+	16,276,117	6,482,542	1,147,501	23,906,160	6,976,140	35.40
NORTH CAROLINA	LM+	10,114,220	7,534,638	1,083,048	18,731,906	5,267,232	22.04
NORTH CAROLINA STATE	+	8,886,377	3,690,822	892,505	13,469,704	3,788,530	30.00
NORTHWESTERN	LMBb+	9,334,496	5,172,863	757,768	15,265,127	3,874,164	27.20
NOTRE DAME	Lb+	7,035,684	3,671,429	476,433	11,183,546	3,626,447	26.70
OHIO	MBb+	2,655,064	1,878,021	531,757	5,064,842	1,678,343	36.60
OHIO STATE	Lmb+	11,027,225	6,757,247	2,005,589	19,790,061	5,614,821	31.00
OKLAHOMA	LM+	4,244,788	2,362,779	1,273,742	7,881,309	2,161,473	35.00
OKLAHOMA STATE	MBb+	3,692,870	2,177,038	819,183	6,689,091	2,205,656	40.16
OREGON	LBb+	5,111,226	3,532,482	1,345,604	9,989,312	5,009,065	50.00
OTTAWA	LM+	4,274,665	5,122,335	201,213	9,598,213	2,575,527	.
PENNSYLVANIA	LM	10,626,168	8,290,025	1,704,859	20,621,052	6,552,938	34.10
PENNSYLVANIA STATE	LMBb+	12,510,157	13,570,304	478,130	26,558,591	8,856,490	39.80
PITTSBURGH	LMB+	6,959,231	4,439,516	706,661	12,105,408	4,405,666	38.90
PRINCETON	b+	11,596,949	7,900,908	1,254,277	20,752,134	5,440,438	28.00
PURDUE	+	5,610,520	2,454,434	917,446	8,982,400	3,617,843	34.00
QUEEN'S	Lmb+	3,876,160	3,369,417	335,818	7,581,395	1,787,666	.
RICE	+	4,143,170	1,280,527	155,316	5,579,013	1,536,300	28.00
ROCHESTER	Mb+	5,556,340	2,004,751	550,425	8,111,516	2,555,129	31.00
RUTGERS	LBM+	9,553,395	12,846,219	1,516,930	23,916,544	9,212,188	49.85
SASKATCHEWAN	LM+	5,360,259	3,595,234	367,843	9,323,336	1,441,389	.
SOUTH CAROLINA	Lmb+	4,761,611	3,051,112	841,639	8,654,362	2,599,429	33.00
SOUTHERN CALIFORNIA	LMBb+	11,365,209	5,628,427	1,769,510	18,763,146	5,856,332	33.50

## SALARY EXPENDITURES

	Notes	Salaries & Wages Professional Staff 8a	Salaries & Wages Support Staff 8b	Salaries & Wages Student Assistants 8c	Total Salaries and Wages 8	Fringe Benefits 10	Fringe Benefits - designated % 11
SOUTHERN ILLINOIS	LM+	2,503,379	2,118,529	670,502	5,292,410	2,283,886	55.00
SUNY-ALBANY	b+	4,143,535	1,310,831	459,342	5,913,708	2,966,316	50.16
SUNY-BUFFALO	LM+	7,024,887	1,807,503	658,134	9,490,524	5,132,848	58.75
SUNY-STONY BROOK	Mb+	3,885,449	547,157	399,053	4,831,659	.	.
SYRACUSE	Lb+	6,717,298	2,033,337	324,461	9,075,096	3,291,401	41.00
TEMPLE	LMBb+	5,951,659	1,989,200	751,883	8,692,742	2,374,882	33.00
TENNESSEE	LMBb+	5,956,510	3,699,107	564,185	10,219,802	2,866,679	20.00
TEXAS	L+	9,803,866	10,799,408	1,713,942	22,317,216	4,790,843	32.00
TEXAS A&M	MBLb+	9,387,531	3,983,357	905,163	14,276,051	380,638	28.00
TEXAS TECH	LMB+	5,663,728	5,055,463	1,091,758	11,810,949	3,371,847	29.00
TORONTO	LMB+	15,986,078	17,409,156	4,150,072	37,545,305	8,889,647	24.75
TULANE	LMB+	3,661,025	2,451,867	231,727	6,344,619	1,411,898	24.00
UTAH	LMB+	5,595,744	5,803,506	1,513,528	12,912,778	4,936,529	42.00
VANDERBILT	LM+	6,479,461	2,909,667	583,520	9,972,648	2,350,260	26.00
VIRGINIA	LMB+	9,972,423	6,314,097	766,975	17,053,495	5,260,949	24.90
VIRGINIA TECH	b+	3,832,504	2,935,571	372,054	7,140,129	2,228,120	28.50
WASHINGTON	LMBb+	12,353,732	6,710,696	1,777,453	20,841,881	6,358,734	30.90
WASHINGTON STATE	Bb+	2,847,144	2,820,858	537,115	6,205,117	1,966,729	.
WASHINGTON U.-ST. LOUIS	LMB+	6,408,407	3,270,228	529,492	10,208,127	3,639,059	30.00
WATERLOO	+	2,694,247	3,889,946	828,130	7,412,323	1,644,727	21.00
WAYNE STATE	LMB+	5,866,861	943,122	934,803	7,744,786	1,972,008	26.80
WESTERN	Lb+	4,946,946	3,821,934	231,942	9,000,822	2,388,209	27.50
WISCONSIN	LM+	14,072,915	4,129,500	2,665,963	20,868,378	.	.
YALE	LMB+	21,027,999	16,127,870	817,458	37,973,327	14,657,836	29.40
YORK	LB+	6,930,869	4,996,613	941,381	12,868,863	2,806,294	.
BOSTON PUBLIC	b+	.	.	.	24,181,779	6,154,263	25.45
NATL RES COUNCIL CANADA	b+	.	.	.	.	.	.
CENTER FOR RESEARCH LIBS	+	2,123,927	515,994	204,949	2,844,870	962,190	.
LIBRARY OF CONGRESS	LBb+	.	.	.	314,195,170	94,258,551	30.00
NATL AGRICULTURAL LIB	+	8,991,757	1,690,325	0	10,682,082	3,738,729	35.00

## SALARY EXPENDITURES

	Notes	Salaries & Wages Professional Staff 8a	Salaries & Wages Support Staff 8b	Salaries & Wages Student Assistants 8c	Total Salaries and Wages 8	Fringe Benefits 10	Fringe Benefits - designated % 11
NATL ARCHIVES	+	40,294,748	137,889,212	4,294,866	182,478,826	0	36.45
NATL LIB OF MEDICINE	+	19,622,003	2,751,337	234,177	22,607,517	6,688,675	28.00
NEW YORK PUBLIC	+	.	.	.	47,244,000	27,309,000	.
NEW YORK STATE		2,311,908	1,899,572	175,700	4,387,180	2,336,529	55.48
SMITHSONIAN	+	6,138,562	1,679,690	0	7,818,252	2,303,058	30.00

+ - See Footnotes

L - Includes Law Library

M - Includes Medical Library

B - Includes branch campuses

b - Basis of volume count is bibliographic

. - Unavailable, not applicable or no data supplied

**SALARY EXPENDITURES  
Summary Data**

		Salaries & Wages Professional Staff 8a	Salaries & Wages Support Staff 8b	Salaries & Wages Student Assistants 8c	Total Salaries and Wages 8	Fringe Benefits 10	Fringe Benefits - designated % 11
<b>University Libraries</b>	Mean	7,294,836	4,714,153	889,075	12,890,333	4,068,354	33.09
	Median	5,951,659	3,771,518	714,915	10,219,802	3,288,957	31.00
	High	39,722,648	17,409,156	4,150,072	59,113,672	26,344,845	64.60
	Low	2,503,379	547,157	30,190	4,709,273	213,164	17.00
	Totals	838,906,178	542,127,552	101,354,528	1,482,388,259	455,655,592	
	Number of Libraries Reporting	115	115	114	115	112	99
<b>Nonuniversity Libraries</b>	Median	7,565,160	1,794,949	190,325	22,607,517	4,946,496	30.00
	Totals	79,482,905	146,426,130	4,909,692	616,439,676	143,750,995	
	Number of Libraries Reporting	6	6	6	9	8	7
<b>Grand Totals</b>		918,389,083	688,553,682	106,264,220	2,098,827,935	599,406,587	

## OVERALL EXPENDITURES

	Notes	Total Library Materials 7	Total Salaries and Wages 8	Other Operating Expenditures 9	Total Library Expenditures 6	Bibl. Utilities, Networks, etc. External Expenditures 12
ALABAMA	Lmb+	10,887,008	7,847,337	1,655,547	20,389,892	39,668
ALBERTA	LM+	19,743,693	14,889,441	3,533,440	38,166,575	.
ARIZONA	Lmb+	14,660,978	10,461,126	3,644,219	28,766,323	622,398
ARIZONA STATE	LB+	12,123,498	9,935,115	2,806,112	24,864,725	.
AUBURN	b+	6,594,618	4,709,273	1,214,482	12,518,373	30,056
BOSTON	Lmb+	11,590,533	10,854,206	2,214,384	24,659,123	989,825
BOSTON COLLEGE	Lb+	11,902,501	9,930,357	1,277,431	23,110,289	97,226
BRIGHAM YOUNG	L+	10,961,990	13,459,762	3,059,592	27,481,344	.
BRITISH COLUMBIA	Lmb+	16,763,126	17,727,662	6,533,506	41,024,295	.
BROWN	Mb+	11,511,759	9,423,968	2,536,908	23,472,635	.
CALGARY	LM+	12,140,520	15,367,141	1,277,863	28,785,524	279,708
CALIFORNIA, BERKELEY	Lb+	22,726,792	26,980,912	12,951,485	62,659,189	1,104,629
CALIFORNIA, DAVIS	Lmb+	8,940,658	9,160,816	1,602,610	19,704,084	956,318
CALIFORNIA, IRVINE	Lmb+	9,318,324	10,135,792	1,550,253	21,004,369	896,806
CALIFORNIA, LOS ANGELES	LM+	15,610,465	27,728,222	9,427,546	52,766,233	1,211,590
CALIFORNIA, RIVERSIDE	+	4,424,542	5,845,948	2,111,241	12,381,731	673,221
CALIFORNIA, SAN DIEGO	M+	9,566,270	14,097,968	4,197,168	27,861,406	895,022
CALIFORNIA, SANTA BARBARA	+	5,860,806	8,436,162	3,287,609	17,584,577	711,296
CASE WESTERN RESERVE	Lmb+	7,656,923	5,494,541	1,598,538	14,750,002	220,534
CHICAGO	Lmb+	19,176,653	13,806,193	3,409,443	36,392,289	250,000
CINCINNATI	LMBb+	10,177,665	8,737,069	1,639,131	20,553,865	665,829
COLORADO	b+	11,200,366	9,244,867	1,643,291	22,088,524	21,319
COLORADO STATE	b+	7,823,526	7,434,683	1,488,479	16,746,688	363,658
COLUMBIA	LM+	29,500,049	31,607,063	5,325,286	66,432,398	.
CONNECTICUT	LMBb+	10,693,308	10,932,537	1,035,808	22,661,653	1,563,863
CORNELL	LMB+	21,560,997	23,986,642	6,195,913	51,743,552	.
DARTMOUTH	Mb+	10,695,121	9,062,060	1,889,546	21,646,727	.
DELAWARE	+	10,469,873	8,110,343	1,768,688	20,348,904	.
DUKE	Lmb+	18,720,375	15,841,735	17,545,307	52,107,417	203,400
EMORY	LMB+	17,697,641	16,165,758	6,161,784	40,025,183	185,878

## OVERALL EXPENDITURES

	Notes	Total Library Materials 7	Total Salaries and Wages 8	Other Operating Expenditures 9	Total Library Expenditures 6	Bibl. Utilities, Networks, etc. External Expenditures 12
FLORIDA	LMBb+	12,827,981	13,643,423	4,736,497	31,207,901	538,347
FLORIDA STATE	LMBb+	9,440,934	7,855,731	634,803	17,931,468	135,132
GEORGE WASHINGTON	LMB+	12,193,022	11,887,219	3,143,363	27,223,604	.
GEORGETOWN	LMBb+	14,399,422	12,688,994	2,781,056	29,869,472	7,173
GEORGIA	Lb+	12,831,691	10,738,365	1,345,227	24,915,283	.
GEORGIA TECH	+	7,474,554	6,472,220	1,125,202	15,071,976	.
GUELPH	B+	7,160,715	7,307,099	977,447	15,445,261	.
HARVARD	LMB+	44,854,018	59,113,672	19,167,565	123,135,255	1,136,548
HAWAII	LMB+	7,856,488	9,968,725	1,147,083	18,972,296	642,210
HOUSTON	Lb+	11,419,248	7,586,149	2,092,779	21,098,176	.
HOWARD	LMB+	5,769,950	4,761,220	134,210	10,665,380	30,900
ILLINOIS, CHICAGO	Mb+	8,053,918	8,112,088	5,399,924	21,565,930	.
ILLINOIS, URBANA	Lb+	19,212,701	22,549,786	4,716,983	46,479,470	.
INDIANA	L+	16,027,788	14,801,772	3,658,049	34,487,609	229,540
IOWA	LM+	18,603,258	11,883,298	1,370,969	31,857,525	.
IOWA STATE	+	13,756,647	6,942,790	1,250,361	21,949,798	.
JOHNS HOPKINS	MB+	18,496,385	14,074,705	8,676,400	41,247,490	185,742
KANSAS	LMBb+	10,131,719	10,936,163	2,430,660	23,498,542	.
KENT STATE	+	5,381,081	4,725,057	709,690	10,815,828	760,827
KENTUCKY	LMB+	10,976,643	8,709,042	2,171,585	21,857,270	.
LAVAL	LM+	11,952,746	10,231,488	738,588	22,922,822	.
LOUISIANA STATE	LMB+	7,208,499	5,833,398	1,073,412	14,115,309	89,157
LOUISVILLE	MBb+	9,924,829	6,236,500	1,769,972	17,931,301	198,201
MCGILL	LMBb+	16,657,221	11,953,042	3,703,497	32,313,761	.
MCMASTER	Mb+	9,111,792	6,530,598	906,594	16,548,985	2,064
MANITOBA	LMB+	9,405,558	11,299,862	2,603,641	23,309,060	.
MARYLAND	b+	11,400,148	12,632,570	3,712,597	27,745,315	376,221
MASSACHUSETTS	+	7,571,461	8,584,426	2,054,907	18,210,794	75,000
MIT	b+	9,876,035	10,450,374	2,033,098	22,359,507	.
MIAMI	LMB+	13,280,160	10,285,400	2,397,729	25,963,289	.

## OVERALL EXPENDITURES

	Notes	Total Library Materials 7	Total Salaries and Wages 8	Other Operating Expenditures 9	Total Library Expenditures 6	Bibl. Utilities, Networks, etc. External Expenditures 12
MICHIGAN	LM+	25,459,121	33,922,216	10,381,986	69,763,323	151,412
MICHIGAN STATE	L+	16,308,972	12,655,783	3,182,686	32,147,441	.
MINNESOTA	Lmb+	17,963,662	18,653,609	4,735,995	41,353,266	563,082
MISSOURI	LM+	8,660,675	7,198,027	2,273,789	18,132,491	.
MONTREAL	Lmb+	12,510,606	18,365,838	1,987,081	32,863,525	41,557
NEBRASKA	Lb+	8,618,714	7,318,148	1,958,039	17,894,901	126,000
NEW MEXICO	Lmb+	9,341,631	9,533,839	3,783,040	22,658,510	2,338,325
NEW YORK	LMBb+	27,275,816	23,906,160	8,399,666	59,581,642	.
NORTH CAROLINA	LM+	15,557,364	18,731,906	3,731,461	38,020,731	44,552
NORTH CAROLINA STATE	+	10,679,211	13,469,704	7,730,527	31,879,442	.
NORTHWESTERN	LMBb+	15,702,473	15,265,127	3,346,325	34,313,925	.
NOTRE DAME	Lb+	13,352,304	11,183,546	2,238,097	26,773,947	.
OHIO	MBb+	4,993,681	5,064,842	1,371,906	11,430,429	723,400
OHIO STATE	Lmb+	18,977,914	19,790,061	9,853,452	48,621,427	1,202,507
OKLAHOMA	LM+	14,299,029	7,881,309	3,091,723	25,272,061	.
OKLAHOMA STATE	MBb+	8,882,554	6,689,091	2,808,106	18,379,751	511,458
OREGON	LBb+	7,443,692	9,989,312	1,935,585	19,368,589	.
OTTAWA	LM+	13,959,115	9,598,213	2,316,610	25,873,938	.
PENNSYLVANIA	LM	18,385,481	20,621,052	6,501,490	45,508,023	460,549
PENNSYLVANIA STATE	LMBb+	20,287,723	26,558,591	7,902,069	54,748,383	21,250
PITTSBURGH	LMB+	16,617,295	12,105,408	3,225,860	31,948,563	529,543
PRINCETON	b+	25,837,011	20,752,134	4,683,216	51,272,361	.
PURDUE	+	13,428,913	8,982,400	4,085,003	26,496,316	340,162
QUEEN'S	Lmb+	8,921,980	7,581,395	1,126,671	17,630,047	.
RICE	+	9,946,063	5,579,013	863,558	16,388,634	.
ROCHESTER	Mb+	9,944,292	8,111,516	3,412,424	21,468,232	182,880
RUTGERS	LBM+	14,110,365	23,916,544	2,874,076	40,900,985	.
SASKATCHEWAN	LM+	11,708,485	9,323,336	1,840,796	22,872,616	.
SOUTH CAROLINA	Lmb+	8,941,910	8,654,362	6,487,475	24,083,747	.
SOUTHERN CALIFORNIA	LMBb+	22,428,916	18,763,146	3,944,160	45,136,222	10,444



## OVERALL EXPENDITURES

	Notes	Total Library Materials 7	Total Salaries and Wages 8	Other Operating Expenditures 9	Total Library Expenditures 6	Bibl. Utilities, Networks, etc. External Expenditures 12
SOUTHERN ILLINOIS	LM+	6,948,240	5,292,410	655,901	12,896,551	52,011
SUNY-ALBANY	b+	6,033,091	5,913,708	430,984	12,377,783	160,633
SUNY-BUFFALO	LM+	9,065,327	9,490,524	1,405,801	19,961,652	38,389
SUNY-STONY BROOK	Mb+	8,401,621	4,831,659	457,931	13,691,211	35,164
SYRACUSE	Lb+	9,570,554	9,075,096	1,512,432	20,158,082	.
TEMPLE	LMBb+	11,511,310	8,692,742	2,339,353	22,543,405	.
TENNESSEE	LMBb+	14,781,177	10,219,802	1,291,992	26,292,971	10,207
TEXAS	L+	20,922,649	22,317,216	10,647,359	53,887,224	.
TEXAS A&M	MBLb+	23,609,080	14,276,051	4,057,764	41,942,895	4,086,798
TEXAS TECH	LMB+	14,256,641	11,810,949	3,104,400	29,171,990	54,750
TORONTO	LMB+	29,724,687	37,545,305	13,551,856	80,821,848	.
TULANE	LMB+	11,913,606	6,344,619	1,317,445	19,575,670	.
UTAH	LMB+	8,796,235	12,912,778	3,417,100	25,126,113	1,792,852
VANDERBILT	LM+	11,950,301	9,972,648	2,570,105	24,493,054	.
VIRGINIA	LMB+	12,109,120	17,053,495	4,997,620	34,160,235	933,249
VIRGINIA TECH	b+	9,161,016	7,140,129	2,178,622	18,479,767	1,250,117
WASHINGTON	LMBb+	16,067,994	20,841,881	5,690,848	42,600,723	442,042
WASHINGTON STATE	Bb+	6,847,684	6,205,117	721,711	13,774,512	36,341
WASHINGTON U.-ST. LOUIS	LMB+	13,711,438	10,208,127	3,102,065	27,021,630	2,845
WATERLOO	+	8,864,282	7,412,323	1,577,443	17,854,047	.
WAYNE STATE	LMB+	9,463,490	7,744,786	1,954,637	19,162,913	.
WESTERN	Lb+	13,289,824	9,000,822	1,970,950	24,261,596	.
WISCONSIN	LM+	12,797,066	20,868,378	5,698,427	39,363,871	1,523,946
YALE	LMB+	38,783,883	37,973,327	10,828,300	87,585,510	.
YORK	LB+	10,995,381	12,868,863	1,781,070	25,645,315	.
BOSTON PUBLIC	b+	4,463,585	24,181,779	9,565,068	38,210,432	.
NATL RES COUNCIL CANADA	b+	.	.	.	17,397,770	.
CENTER FOR RESEARCH LIBS	+	1,234,430	2,844,870	.	4,079,300	.
LIBRARY OF CONGRESS	LBb+	24,539,936	314,195,170	280,064,894	618,800,000	.
NATL AGRICULTURAL LIB	+	5,468,996	10,682,082	10,349,981	26,501,059	0

## OVERALL EXPENDITURES

	Notes	Total Library Materials 7	Total Salaries and Wages 8	Other Operating Expenditures 9	Total Library Expenditures 6	Bibl. Utilities, Networks, etc. External Expenditures 12
NATL ARCHIVES	+	106,000	182,478,826	203,215,174	385,800,000	0
NATL LIB OF MEDICINE	+	3,166,118	22,607,517	42,576,618	68,350,253	0
NEW YORK PUBLIC	+	12,752,000	47,244,000	29,763,000	89,759,000	.
NEW YORK STATE		2,139,711	4,387,180	1,066,754	7,593,645	37,050
SMITHSONIAN	+	2,211,929	7,818,252	3,268,353	13,298,534	59,783

+ - See Footnotes

L - Includes Law Library

M - Includes Medical Library

B - Includes branch campuses

b - Basis of volume count is bibliographic

. - Unavailable, not applicable or no data supplied

**OVERALL EXPENDITURES  
Summary Data**

		Total Library Materials 7	Total Salaries and Wages 8	Other Operating Expenditures 9	Total Library Expenditures 6	Bibl. Utilities, Networks, etc. External Expenditures 12
<b>University Libraries</b>	Mean	13,339,807	12,890,333	3,587,665	29,817,805	532,121
	Median	11,708,485	10,219,802	2,430,660	24,659,123	264,854
	High	44,854,018	59,113,672	19,167,565	123,135,255	4,086,798
	Low	4,424,542	4,709,273	134,210	10,665,380	2,064
	Totals	1,534,077,856	1,482,388,259	412,581,487	3,429,047,601	34,055,771
	Number of Libraries Reporting	115	115	115	115	64
<b>Nonuniversity Libraries</b>	Median	3,166,118	22,607,517	20,056,491	32,355,746	48,417
	Totals	56,082,705	616,439,676	579,869,842	1,269,789,993	96,833
	Number of Libraries Reporting	9	9	8	10	2
<b>Grand Totals</b>		1,590,160,561	2,098,827,935	992,451,329	4,698,837,595	34,152,604

## PERSONNEL AND PUBLIC SERVICES

	Notes	Professional Staff 13a	Support Staff 13b	Student Assistants 13c	Total Staff 13	Library Presentations to Groups 14	Participants in Group Presentations 15
ALABAMA	Lmb+	86	68	43	197	909	19,167
ALBERTA	LM+	83	179	27	289	518	15,455
ARIZONA	Lmb+	82	111	41	234	967	15,291
ARIZONA STATE	LB+	61	134	.	195	836	17,875
AUBURN	b+	47	33	25	105	631	12,707
BOSTON	Lmb+	107	88	83	278	1,116	19,816
BOSTON COLLEGE	Lb+	73	66	46	185	680	12,202
BRIGHAM YOUNG	L+	113	58	196	367	2,786	52,855
BRITISH COLUMBIA	Lmb+	135	145	47	327	1,464	35,638
BROWN	Mb+	72	77	30	179	318	6,785
CALGARY	LM+	69	152	21	242	719	16,261
CALIFORNIA, BERKELEY	Lb+	247	133	120	500	1,114	21,609
CALIFORNIA, DAVIS	Lmb+	44	86	28	158	682	17,795
CALIFORNIA, IRVINE	Lmb+	55	106	28	189	683	17,119
CALIFORNIA, LOS ANGELES	LM+	165	222	117	504	2,313	22,425
CALIFORNIA, RIVERSIDE	+	35	59	23	117	582	14,759
CALIFORNIA, SAN DIEGO	M+	111	108	52	271	308	9,654
CALIFORNIA, SANTA BARBARA	+	40	81	29	150	538	6,706
CASE WESTERN RESERVE	Lmb+	58	32	27	117	772	10,309
CHICAGO	Lmb+	72	180	52	304	665	11,471
CINCINNATI	LMBb+	92	43	42	177	1,428	28,537
COLORADO	b+	69	96	50	215	909	17,182
COLORADO STATE	b+	66	75	35	176	660	14,643
COLUMBIA	LM+	317	194	78	589	1,385	26,550
CONNECTICUT	LMBb+	83	59	68	210	1,202	23,431
CORNELL	LMB+	210	181	102	493	1,489	26,910
DARTMOUTH	Mb+	65	102	28	195	687	10,189
DELAWARE	+	60	77	23	160	539	12,806
DUKE	Lmb+	189	101	27	317	1,223	16,714
EMORY	LMB+	136	155	57	348	976	15,629

## PERSONNEL AND PUBLIC SERVICES

	Notes	Reference Transactions 16	Initial Circulations 17	Full-text article requests 18	Regular Searches 19	Federated Searches 20	Total Items Loaned (ILL) 21	Total Items Borrowed (ILL) 22
ALABAMA	LMB+	50,684	98,205	2,401,854	67,122,805	0	16,603	10,176
ALBERTA	LM+	82,106	256,692	.	.	90,571,651	36,153	15,647
ARIZONA	LMB+	35,320	325,135	6,617,678	5,563,698	0	56,244	47,537
ARIZONA STATE	LB+	49,289	149,990	4,662,637	12,491,314	57,502	39,964	33,578
AUBURN	b+	β 24,128	123,543	1,335,355	2,633,384	0	22,482	11,786
BOSTON	LMB+	35,834	92,756	3,414,071	6,081,451	44,851	17,189	12,001
BOSTON COLLEGE	Lb+	20,713	157,347	1,136,064	5,262,451	804,161	28,195	32,015
BRIGHAM YOUNG	L+	53,511	296,539	5,394,078	6,198,228	4,047,805	33,887	26,291
BRITISH COLUMBIA	LMB+	54,648	318,718	8,837,144	.	.	23,428	7,898
BROWN	Mb+	7,935	134,583	1,732,105	910,012	2,247	38,806	35,737
CALGARY	LM+	80,517	191,676	4,131,789	3,573,186	.	13,842	17,293
CALIFORNIA, BERKELEY	Lb+	57,546	371,653	.	.	.	27,009	16,850
CALIFORNIA, DAVIS	LMB+	46,227	119,142	15,211	33,515	148,377	27,040	16,848
CALIFORNIA, IRVINE	LMB+	30,340	102,761	.	.	.	16,263	20,305
CALIFORNIA, LOS ANGELES	LM+	102,818	486,211	8,095,130	6,584,789	645,139	35,703	34,424
CALIFORNIA, RIVERSIDE	+	14,456	76,937	2,539,227	540,898	0	13,711	11,660
CALIFORNIA, SAN DIEGO	M+	51,692	196,155	0	3,586,011	0	18,270	15,985
CALIFORNIA, SANTA BARBARA	+	40,333	120,629	2,092,759	.	.	14,016	35,782
CASE WESTERN RESERVE	LMB+	6,560	64,320	2,770,187	2,267,474	0	33,507	22,836
CHICAGO	LMB+	18,017	234,328	9,083,092	35,406,014	2,340,410	63,077	41,390
CINCINNATI	LMBb+	β 42,709	143,463	2,062,788	4,810,645	0	45,656	28,504
COLORADO	b+	35,843	231,003	2,235,901	3,252,595	12,946,858	82,629	34,502
COLORADO STATE	b+	β 56,192	108,667	2,292,357	2,255,986	25,822	82,192	60,515
COLUMBIA	LM+	65,735	315,580	11,939,338	55,852,563	790,517	54,391	48,833
CONNECTICUT	LMBb+	18,004	112,258	5,264,048	5,418,899	833,951	44,074	57,961
CORNELL	LMB+	51,627	245,065	4,943,178	.	.	51,716	49,841
DARTMOUTH	Mb+	9,742	208,475	1,342,417	8,211,682	258,118	50,003	31,652
DELAWARE	+	β 143,971	244,117	.	1,713,776	475,125	23,377	15,645
DUKE	LMB+	33,142	387,067	.	.	.	34,795	35,942
EMORY	LMB+	20,568	203,038	797,306	559,106	105,553	28,962	11,513

## PERSONNEL AND PUBLIC SERVICES

	Notes	Professional Staff 13a	Support Staff 13b	Student Assistants 13c	Total Staff 13	Library Presentations to Groups 14	Participants in Group Presentations 15
FLORIDA	LMBb+	87	177	48	312	1,051	21,466
FLORIDA STATE	LMBb+	88	72	99	259	1,050	19,710
GEORGE WASHINGTON	LMB+	67	96	58	221	2,514	31,524
GEORGETOWN	LMBb+	100	94	44	238	2,686	23,118
GEORGIA	Lb+	79	164	50	293	1,116	17,544
GEORGIA TECH	+	52	79	5	136	391	7,497
GUELPH	B+	54	60	10	124	2,348	46,300
HARVARD	LMB+	464	330	.	794	1,710	23,605
HAWAII	LMB+	80	71	55	206	590	9,566
HOUSTON	Lb+	72	66	40	178	713	12,397
HOWARD	LMB+	37	51	30	118	463	10,213
ILLINOIS, CHICAGO	Mb+	75	76	31	182	791	11,146
ILLINOIS, URBANA	Lb+	167	168	100	435	1,724	27,807
INDIANA	L+	152	137	108	397	1,313	22,694
IOWA	LM+	108	86	49	243	1,185	19,098
IOWA STATE	+	39	81	23	143	452	14,666
JOHNS HOPKINS	MB+	124	109	36	269	1,196	12,180
KANSAS	LMBb+	70	124	59	253	1,067	15,614
KENT STATE	+	52	18	38	108	461	9,715
KENTUCKY	LMB+	93	80	45	218	910	17,422
LAVAL	LM+	66	148	0	214	399	12,134
LOUISIANA STATE	LMB+	57	64	31	152	982	24,345
LOUISVILLE	MBb+	55	60	30	145	1,037	22,936
MCGILL	LMBb+	92	84	14	190	873	20,126
MCMASTER	Mb+	49	70	14	133	320	11,722
MANITOBA	LMB+	60	115	18	193	1,225	13,139
MARYLAND	b+	138	83	53	274	935	18,982
MASSACHUSETTS	+	59	64	38	161	391	8,851
MIT	b+	91	71	15	177	419	9,475
MIAMI	LMB+	88	106	62	256	853	19,014

## PERSONNEL AND PUBLIC SERVICES

	Notes	Reference Transactions 16	Initial Circulations 17	Full-text article requests 18	Regular Searches 19	Federated Searches 20	Total Items Loaned (ILL) 21	Total Items Borrowed (ILL) 22
FLORIDA	LMBb+	34,252	273,624	3,580,044	3,971,591	.	26,081	21,873
FLORIDA STATE	LMBb+	£ 79,187	154,234	2,158,314	3,178,285	68,219	21,490	11,920
GEORGE WASHINGTON	LMB+	29,535	125,377	3,053,361	4,319,145	100,139	24,801	50,767
GEORGETOWN	LMBb+	£ 58,873	184,655	3,127,386	2,339,426	67,369	45,344	29,411
GEORGIA	Lb+	37,196	201,148	3,018,281	9,330,867	1,283,576	38,641	8,807
GEORGIA TECH	+	11,435	89,346	.	.	.	11,546	10,989
GUELPH	B+	8,056	81,938	1,455,267	.	.	21,905	15,533
HARVARD	LMB+	114,618	650,514	.	.	.	52,485	39,043
HAWAII	LMB+	23,199	113,962	1,836,896	4,381,346	45,605	5,037	20,918
HOUSTON	Lb+	33,216	111,344	694,879	3,919,933	1,396,406	25,669	17,049
HOWARD	LMB+	41,941	27,989	123,230	1,297,807	0	6,961	2,513
ILLINOIS, CHICAGO	Mb+	29,215	78,451	2,882,711	3,297,199	22,700	45,406	42,798
ILLINOIS, URBANA	Lb+	£ 107,251	446,722	5,216,733	48,206,156	.	86,226	66,825
INDIANA	L+	£ 29,494	414,722	.	.	.	34,470	36,244
IOWA	LM+	£ 53,709	141,896	2,273,586	4,759,580	1,702,832	43,751	21,391
IOWA STATE	+	12,992	99,759	739,049	1,480,165	1,540,171	27,138	8,908
JOHNS HOPKINS	MB+	28,583	166,072	6,065,343	3,519,964	0	40,480	30,050
KANSAS	LMBb+	32,201	195,974	1,917,098	1,546,462	40,683	36,905	20,668
KENT STATE	+	26,382	206,814	286,010	4,353,504	.	7,475	9,130
KENTUCKY	LMB+	22,681	114,181	2,806,040	3,754,353	0	25,262	18,390
LAVAL	LM+	32,525	268,292	2,872,400	2,979,563	0	18,144	6,310
LOUISIANA STATE	LMB+	£ 18,110	58,727	1,398,275	4,943,144	80,951,747	16,472	14,252
LOUISVILLE	MBb+	33,727	112,698	1,022,434	611,970	485,735	18,196	16,990
MCGILL	LMBb+	£ 54,175	263,902	.	.	.	10,556	12,547
MCMASTER	Mb+	10,060	109,815	2,804,712	.	.	9,181	9,088
MANITOBA	LMB+	£ 87,337	132,492	2,386,847	2,153,161	0	11,386	18,347
MARYLAND	b+	19,392	147,441	4,846,367	13,157,249	117,831	20,651	35,146
MASSACHUSETTS	+	30,086	107,226	1,602,176	3,656,736	0	28,634	38,673
MIT	b+	£ 18,875	118,987	5,570,657	41,554,405	63,562	27,836	15,935
MIAMI	LMB+	37,197	124,473	1,730,555	619,687	703,631	27,607	10,648

## PERSONNEL AND PUBLIC SERVICES

	Notes	Professional Staff 13a	Support Staff 13b	Student Assistants 13c	Total Staff 13	Library Presentations to Groups 14	Participants in Group Presentations 15
MICHIGAN	LM+	204	340	125	669	1,462	30,918
MICHIGAN STATE	L+	86	111	67	264	923	37,458
MINNESOTA	LMB+	117	177	69	363	1,096	21,535
MISSOURI	LM+	52	104	30	186	904	14,278
MONTREAL	LMB+	115	222	3	340	1,398	25,821
NEBRASKA	Lb+	44	96	36	176	329	7,198
NEW MEXICO	LMB+	54	116	51	221	1,549	18,744
NEW YORK	LMBb+	255	153	77	485	1,584	24,609
NORTH CAROLINA	LM+	125	169	79	373	1,491	33,374
NORTH CAROLINA STATE	+	127	79	52	258	749	20,260
NORTHWESTERN	LMBb+	140	134	87	361	762	10,289
NOTRE DAME	Lb+	104	99	27	230	467	8,695
OHIO	MBb+	44	45	30	119	416	8,284
OHIO STATE	LMB+	151	162	373	686	1,244	41,729
OKLAHOMA	LM+	67	88	74	229	1,530	17,954
OKLAHOMA STATE	MBb+	61	65	66	192	817	16,370
OREGON	LBb+	86	80	61	227	875	22,649
OTTAWA	LM+	48	103	8	159	595	13,933
PENNSYLVANIA	LM	148	182	108	438	1,705	23,633
PENNSYLVANIA STATE	LMBb+	210	368	55	633	2,875	92,156
PITTSBURGH	LMB+	110	137	55	302	1,122	18,444
PRINCETON	b+	148	171	50	369	.	.
PURDUE	+	81	78	48	207	551	13,933
QUEEN'S	LMB+	39	76	16	131	830	14,709
RICE	+	63	48	9	120	290	3,486
ROCHESTER	Mb+	87	56	45	188	890	14,178
RUTGERS	LBM+	109	243	93	445	2,112	28,258
SASKATCHEWAN	LM+	58	75	14	147	582	15,476
SOUTH CAROLINA	LMB+	74	89	99	262	2,242	14,814
SOUTHERN CALIFORNIA	LMBb+	134	134	88	356	1,436	41,249



## PERSONNEL AND PUBLIC SERVICES

	Notes	Reference Transactions 16	Initial Circulations 17	Full-text article requests 18	Regular Searches 19	Federated Searches 20	Total Items Loaned (ILL) 21	Total Items Borrowed (ILL) 22
MICHIGAN	LM+	102,143	437,026	8,270,897	13,807,584	5,200	58,462	56,229
MICHIGAN STATE	L+	47,230	341,021	3,926,184	4,532,658	.	69,225	21,065
MINNESOTA	LMB+	30,516	229,314	.	.	4,598,474	131,918	31,187
MISSOURI	LM+	35,096	145,570	2,547,164	3,518,330	.	47,875	36,205
MONTREAL	LMB+	72,098	373,600	5,174,917	8,140,668	432,642	15,104	17,382
NEBRASKA	Lb+	27,519	157,739	1,220,843	40,638,408	0	26,909	25,011
NEW MEXICO	LMB+	21,293	245,237	2,725,953	5,863,373	760,504	27,835	36,678
NEW YORK	LMBb+	129,253	297,543	7,773,372	6,854,605	738,444	21,922	31,975
NORTH CAROLINA	LM+	83,458	440,955	3,225,221	6,058,905	829,162	51,217	24,454
NORTH CAROLINA STATE	+	37,428	132,105	3,368,505	4,139,299	1,498,538	14,854	28,722
NORTHWESTERN	LMBb+	19,836	154,374	4,100,819	1,432,478	82,081	39,687	44,740
NOTRE DAME	Lb+	23,680	159,736	.	.	.	28,832	27,739
OHIO	MBb+	13,840	155,181	1,608,589	2,434,932	228,665	42,807	39,703
OHIO STATE	LMB+	21,524	384,857	5,070,881	9,304,375	55,592	106,507	95,791
OKLAHOMA	LM+	51,046	128,186	2,253,085	16,162,911	6,828,298	57,782	31,697
OKLAHOMA STATE	MBb+	48,825	232,721	2,420,506	6,549,499	811,083	33,753	17,394
OREGON	LBb+	38,963	140,724	2,060,085	6,466,874	1,163,874	66,526	59,165
OTTAWA	LM+	40,620	219,576	2,115,686	885,731	.	14,584	7,998
PENNSYLVANIA	LM	.	258,190	6,249,915	3,724,712	.	79,297	106,494
PENNSYLVANIA STATE	LMBb+	74,155	385,129	4,019,888	.	.	71,572	43,452
PITTSBURGH	LMB+	60,899	170,594	9,222,912	8,403,027	.	49,343	21,474
PRINCETON	b+	.	231,482	688,695	.	.	48,459	40,709
PURDUE	+	28,232	79,998	4,221,040	5,980,815	984,036	27,306	25,508
QUEEN'S	LMB+	13,933	120,918	1,828,407	.	2,072,368	9,429	4,496
RICE	+	.	110,268	.	.	.	16,289	11,571
ROCHESTER	Mb+	24,153	138,743	1,822,869	989,506	0	16,382	20,381
RUTGERS	LBM+	50,450	199,206	2,085,813	6,647,442	2,401,967	55,109	57,131
SASKATCHEWAN	LM+	14,238	101,987	1,929,409	.	.	5,537	4,980
SOUTH CAROLINA	LMB+	63,169	133,342	1,502,333	22,073,689	295,061	16,549	18,936
SOUTHERN CALIFORNIA	LMBb+	87,698	153,002	3,883,683	46,814,707	230,822	32,994	20,164

## PERSONNEL AND PUBLIC SERVICES

	Notes	Professional Staff 13a	Support Staff 13b	Student Assistants 13c	Total Staff 13	Library Presentations to Groups 14	Participants in Group Presentations 15
SOUTHERN ILLINOIS	LM+	42	61	33	136	1,181	12,127
SUNY-ALBANY	b+	63	33	27	123	467	6,715
SUNY-BUFFALO	LM+	94	40	40	174	693	18,445
SUNY-STONY BROOK	Mb+	63	13	29	105	332	7,789
SYRACUSE	Lb+	82	100	18	200	585	9,970
TEMPLE	LMBb+	74	70	47	191	1,189	30,067
TENNESSEE	LMBb+	98	116	31	245	947	19,942
TEXAS	L+	148	226	112	486	1,274	24,740
TEXAS A&M	MBLb+	149	125	66	340	1,071	42,706
TEXAS TECH	LMB+	103	146	71	320	2,252	16,010
TORONTO	LMB+	192	322	133	647	1,799	40,795
TULANE	LMB+	52	80	30	162	559	13,046
UTAH	LMB+	84	164	77	325	β 1,789	β 40,306
VANDERBILT	LM+	87	88	23	198	713	14,278
VIRGINIA	LMB+	136	160	46	342	1,742	21,041
VIRGINIA TECH	b+	66	76	40	182	794	15,926
WASHINGTON	LMBb+	181	161	90	432	1,511	40,560
WASHINGTON STATE	Bb+	45	70	26	141	1,308	41,748
WASHINGTON U.-ST. LOUIS	LMB+	103	95	38	236	918	11,375
WATERLOO	+	37	86	31	154	191	8,881
WAYNE STATE	LMB+	97	40	70	207	322	6,604
WESTERN	Lb+	71	90	11	172	507	14,211
WISCONSIN	LM+	231	128	186	545	1,790	32,272
YALE	LMB+	243	283	51	577	1,360	22,588
YORK	LB+	69	103	28	200	764	26,533
BOSTON PUBLIC	b+	184	191	24	399	10,239	186,289
NATL RES COUNCIL CANADA	b+	66	47	0	113	.	.
CENTER FOR RESEARCH LIBS	+	31	16	11	58	.	.
LIBRARY OF CONGRESS	LBb+	.	.	.	3,138	7,370	224,523
NATL AGRICULTURAL LIB	+	75	25	0	100	β 72	β 2,141

## PERSONNEL AND PUBLIC SERVICES

	Notes	Reference Transactions 16	Initial Circulations 17	Full-text article requests 18	Regular Searches 19	Federated Searches 20	Total Items Loaned (ILL) 21	Total Items Borrowed (ILL) 22
SOUTHERN ILLINOIS	LM+	62,871	144,310	779,114	725,049	.	50,318	35,743
SUNY-ALBANY	b+	40,020	47,082	901,440	3,128,118	14,310,603	15,599	26,156
SUNY-BUFFALO	LM+	β 26,020	135,992	2,752,324	5,011,372	34,037	27,571	31,233
SUNY-STONY BROOK	Mb+	13,710	64,735	.	.	.	18,568	8,208
SYRACUSE	Lb+	27,883	87,934	933,324	1,666,707	12,426	27,511	17,549
TEMPLE	LMBb+	58,480	160,962	2,807,911	8,533,994	.	26,090	22,504
TENNESSEE	LMBb+	β 48,710	173,605	3,060,434	4,678,951	723,339	28,708	15,876
TEXAS	L+	β 88,713	324,486	4,819,233	2,494,795	2,815,867	40,881	25,099
TEXAS A&M	MBLb+	65,401	853,173	4,233,362	65,648,787	411,419	45,046	51,878
TEXAS TECH	LMB+	87,468	132,994	3,773,685	22,957,059	701,613	37,271	34,527
TORONTO	LMB+	205,770	755,382	.	.	.	32,496	9,457
TULANE	LMB+	16,078	95,187	1,487,058	6,078,233	1,146,140	13,497	10,431
UTAH	LMB+	β 139,211	143,036	2,653,649	3,793,436	.	32,840	23,377
VANDERBILT	LM+	15,628	148,916	2,718,430	21,602,627	2,615	21,965	20,690
VIRGINIA	LMB+	β 64,891	243,069	2,648,037	3,399,190	.	29,359	32,421
VIRGINIA TECH	b+	12,499	119,613	2,514,282	5,472,480	.	14,686	30,753
WASHINGTON	LMBb+	β 49,929	410,804	5,613,975	10,000,000	.	38,111	75,889
WASHINGTON STATE	Bb+	β 16,393	102,767	1,907,149	38,621,567	192,053	.	32,266
WASHINGTON U.-ST. LOUIS	LMB+	β 69,740	136,585	4,675,659	3,075,490	231,079	46,423	41,675
WATERLOO	+	14,180	92,922	2,597,736	2,921,979	17,557	20,159	23,644
WAYNE STATE	LMB+	22,255	34,160	2,819,624	1,253,149	2,527,284	25,048	31,054
WESTERN	Lb+	21,277	211,695	.	.	.	11,176	9,660
WISCONSIN	LM+	β 12,310	360,243	7,464,468	23,411,005	1,281,603	125,502	81,149
YALE	LMB+	β 41,791	379,984	8,535,826	41,558,313	433,128	74,958	87,135
YORK	LB+	32,079	308,526	3,469,115	21,373,886	.	9,470	4,739
BOSTON PUBLIC	b+	398,596	3,722,705	.	.	.	26,756	6,282
NATL RES COUNCIL CANADA	b+	.	.	.	.	.	.	.
CENTER FOR RESEARCH LIBS	+	.	.	.	.	.	.	.
LIBRARY OF CONGRESS	LBB+	467,142	982,052	.	.	78,100,000	25,432	.
NATL AGRICULTURAL LIB	+	8,066	1,515	1,273,446	361,125	0	5,169	2,058

## PERSONNEL AND PUBLIC SERVICES

	Notes	Professional Staff 13a	Support Staff 13b	Student Assistants 13c	Total Staff 13	Library Presentations to Groups 14	Participants in Group Presentations 15
NATL ARCHIVES	+	423	2,078	154	2,655	1,235	53,694
NATL LIB OF MEDICINE	+	199	47	8	254	134	5,411
NEW YORK PUBLIC	+	163	206	63	432	1,501	70,192
NEW YORK STATE		30	48	13	91	30	1,182
SMITHSONIAN	+	81	36	0	117	781	7,376

+ - See Footnotes

L - Includes Law Library

M - Includes Medical Library

B - Includes branch campuses

b - Basis of volume count is bibliographic

. - Unavailable, not applicable or no data supplied

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

## PERSONNEL AND PUBLIC SERVICES

	Notes	Reference Transactions 16	Initial Circulations 17	Full-text article requests 18	Regular Searches 19	Federated Searches 20	Total Items Loaned (ILL) 21	Total Items Borrowed (ILL) 22
NATL ARCHIVES	+	3,379	144	2,000	0	0	5	50
NATL LIB OF MEDICINE	+	118,158	70,119	.	.	.	155,615	77
NEW YORK PUBLIC	+	466,578	.	513,409	6,809,801	.	7,691	8,351
NEW YORK STATE		57,061	11,652	129,155	485,197	0	38,415	2,890
SMITHSONIAN	+	21,968	24,701	60,869	136,778	76,395	2,478	4,733

+ - See Footnotes

L - Includes Law Library

M - Includes Medical Library

B - Includes branch campuses

b - Basis of volume count is bibliographic

. - Unavailable, not applicable or no data supplied

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

**PERSONNEL AND PUBLIC SERVICES  
Summary Data**

		Professional Staff 13a	Support Staff 13b	Student Assistants 13c	Total Staff 13	Library Presentations to Groups 14	Participants in Group Presentations 15
<b>University Libraries</b>	Mean	101	114	54	268	1,045	19,961
	Median	83	96	45	221	914	17,302
	High	464	368	373	794	2,875	92,156
	Low	35	13	0	105	191	3,486
	Totals	11,608	13,081	6,097	30,786	119,148	2,275,605
	Number of Libraries Reporting	115	115	113	115	114	114
<b>Nonuniversity Libraries</b>	Median	81	47	11	186	1,008	30,535
	Totals	1,252	2,694	273	7,357	21,362	550,808
	Number of Libraries Reporting	9	9	9	10	8	8
<b>Grand Totals</b>		12,860	15,775	6,370	38,143	140,510	2,826,413

**PERSONNEL AND PUBLIC SERVICES  
Summary Data**

		Reference Transactions 16	Initial Circulations 17	Full-text article requests 18	Regular Searches 19	Federated Searches 20	Total Items Loaned (ILL) 21	Total Items Borrowed (ILL) 22
<b>University Libraries</b>	Mean	44,735	204,916	3,290,879	10,244,488	3,184,125	34,967	28,640
	Median	35,577	154,374	2,722,192	4,605,805	231,079	28,415	24,454
	High	205,770	853,173	11,939,338	67,122,805	90,571,651	131,918	106,494
	Low	6,560	27,989	0	33,515	0	5,037	2,513
	Totals	5,010,309	23,565,314	329,087,871	942,492,895	251,545,867	3,986,238	3,293,654
	Number of Libraries Reporting	112	115	100	92	79	114	115
<b>Nonuniversity Libraries</b>	Median	87,610	24,701	129,155	361,125	0	16,562	2,890
	Totals	1,540,948	4,812,888	1,978,879	7,792,901	78,176,395	261,561	24,441
	Number of Libraries Reporting	8	7	5	5	5	8	7
<b>Grand Totals</b>		6,551,257	28,378,202	331,066,750	950,285,796	329,722,262	4,247,799	3,318,095

## ANALYSIS OF SELECTED VARIABLES OF UNIVERSITY LIBRARIES, 2013–2014

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	60.00	37.69	37.64	22.01	115
Support Staff as a percent of Total Staff	69.16	42.86	43.02	12.38	115
Student Assistant Staff as a percent of Total Staff	54.37	19.97	20.16	0.88	112
Ratio of Professional to Support Staff (excluding Student Assistant Staff)	4.85	1.01	0.88	0.40	115
Ratio of Items Loaned to Items Borrowed	4.39	1.41	1.19	0.24	114
Total Library Materials Expenditures as a percent of Total Library Expenditures	62.67	46.43	47.76	29.58	115
Salary and Wages Expenditures as a percent of Total Library Expenditures	58.47	42.69	42.48	30.40	115
Other Operating Expenditures as a percent of Total Library Expenditures	33.67	10.88	9.94	1.26	115
Library Expenditures per Faculty	74,088.60	18,151.28	16,458.28	6,857.90	115
Library Expenditures per Full-Time Student	7,343.47	1,327.02	994.52	353.46	115
Library Expenditures per Full-Time Graduate Student	19,053.27	5,225.33	4,634.52	2,441.64	115
Library Expenditures per Full-Time User	6,065.48	1,216.96	918.55	338.83	115
Library Expenditures per User	5,989.98	1,064.57	751.13	246.75	115
Library Expenditures per PhD Awarded	502,399.20	60,550.63	49,572.14	15,889.97	115
Library Staff per PhD Awarded	4.53	0.55	0.43	0.16	115
Professional Library Staff per PhD Awarded	1.73	0.20	0.17	0.04	115



## FACULTY AND ENROLLMENT

	Notes	Doctor's Degrees Awarded 23	Doctor's Degree Fields 24	Faculty 25	Total Students (Full-time) 26	Total Students (Part-time) 27	Graduate Students (Full-time) 28	Graudate Students (Part-time) 29
ALABAMA	Lmb+	329	49	1,130	29,036	5,258	2,488	2,363
ALBERTA	LM+	464	.	1,691	35,789	3,514	6,137	1,527
ARIZONA	Lmb+	450	94	1,637	36,510	5,726	7,085	2,164
ARIZONA STATE	LB+	796	84	2,692	61,923	14,848	9,634	5,048
AUBURN	b+	490	63	1,184	21,093	3,771	3,082	1,983
BOSTON	Lmb+	1,107	134	2,478	25,797	6,614	9,204	5,024
BOSTON COLLEGE	Lb+	444	25	758	12,921	1,388	3,502	1,039
BRIGHAM YOUNG	L+	100	24	1,237	25,084	2,681	2,030	1,328
BRITISH COLUMBIA	Lmb+	540	87	2,764	42,387	15,897	9,122	1,430
BROWN	Mb+	227	46	871	8,527	416	2,359	129
CALGARY	LM+	324	52	1,749	28,944	2,551	5,272	599
CALIFORNIA, BERKELEY	Lb+	1,264	97	1,620	34,405	1,494	9,387	738
CALIFORNIA, DAVIS	Lmb+	901	74	1,596	32,766	541	6,461	183
CALIFORNIA, IRVINE	Lmb+	603	52	1,129	27,925	970	4,808	557
CALIFORNIA, LOS ANGELES	LM+	784	80	2,007	41,252	941	13,165	351
CALIFORNIA, RIVERSIDE	+	264	52	822	20,771	448	2,566	32
CALIFORNIA, SAN DIEGO	M+	624	63	1,309	27,401	1,050	4,548	141
CALIFORNIA, SANTA BARBARA	+	360	47	969	19,076	286	2,863	7
CASE WESTERN RESERVE	Lmb+	655	58	667	9,270	1,055	4,742	922
CHICAGO	Lmb+	711	70	1,964	12,960	2,228	7,309	2,143
CINCINNATI	LMBb+	768	104	1,157	25,873	8,506	5,541	5,132
COLORADO	b+	566	55	1,424	26,242	5,775	2,294	3,627
COLORADO STATE	b+	369	46	1,435	23,546	7,710	2,769	4,689
COLUMBIA	LM+	616	107	2,276	26,889	7,762	17,052	7,140
CONNECTICUT	LMBb+	800	61	1,877	25,874	4,589	5,339	2,709
CORNELL	LMB+	959	111	3,091	22,543	93	8,163	80
DARTMOUTH	Mb+	167	17	836	6,185	157	1,985	81
DELAWARE	+	244	58	1,174	19,685	2,481	2,833	846
DUKE	Lmb+	1,100	53	1,136	14,894	571	8,265	554
EMORY	LMB+	270	41	2,300	13,181	1,332	5,505	1,172

## FACULTY AND ENROLLMENT

	Notes	Doctor's Degrees Awarded 23	Doctor's Degree Fields 24	Faculty 25	Total Students (Full-time) 26	Total Students (Part-time) 27	Graduate Students (Full-time) 28	Graudate Students (Part-time) 29
FLORIDA	LMBb+	1,964	90	3,468	42,490	7,388	12,176	4,590
FLORIDA STATE	LMBb+	802	439	1,494	35,658	6,340	5,943	2,100
GEORGE WASHINGTON	LMB+	1,091	53	1,343	18,650	8,643	9,041	7,895
GEORGETOWN	LMBb+	973	27	1,003	14,407	3,442	7,107	3,106
GEORGIA	Lb+	463	94	1,774	35,197	3,408	6,746	1,808
GEORGIA TECH	+	30	488	1,065	18,743	2,728	5,452	1,461
GUELPH	B+	136	.	760	20,273	2,114	2,120	225
HARVARD	LMB+	1,535	132	1,662	20,350	7,903	13,385	4,617
HAWAII	LMB+	366	70	1,435	15,548	5,675	3,401	2,903
HOUSTON	Lb+	314	41	1,388	28,488	11,052	5,983	3,157
HOWARD	LMB+	500	38	1,034	8,190	2,625	2,369	1,115
ILLINOIS, CHICAGO	Mb+	969	66	1,246	23,096	4,493	3,785	3,235
ILLINOIS, URBANA	Lb+	1,118	94	2,176	41,118	3,824	9,602	2,645
INDIANA	L+	771	91	2,014	37,467	9,350	6,417	3,538
IOWA	LM+	361	69	1,377	24,295	5,453	4,773	3,001
IOWA STATE	+	347	81	1,445	29,410	3,545	3,232	2,064
JOHNS HOPKINS	MB+	619	68	1,220	13,660	7,667	7,135	7,425
KANSAS	LMBb+	767	94	2,171	23,411	3,953	6,218	1,929
KENT STATE	+	147	49	1,321	30,600	11,913	3,323	2,910
KENTUCKY	LMB+	864	78	1,351	25,658	2,777	5,774	1,220
LAVAL	LM+	300	74	1,475	29,670	12,293	6,981	3,787
LOUISIANA STATE	LMB+	567	52	1,312	27,632	3,314	4,821	1,194
LOUISVILLE	MBb+	515	35	1,774	17,198	5,331	3,941	1,549
MANITOBA	LMB+	115	52	1,203	23,206	5,370	2,843	737
MARYLAND	b+	649	83	3,378	32,199	5,073	7,677	2,937
MASSACHUSETTS	+	303	47	1,263	22,808	5,710	2,303	4,081
MCGILL	LMBb+	857	97	3,108	32,071	6,222	9,293	2,275
MCMASTER	Mb+	245	43	1,413	29,765	3,990	4,264	856
MIAMI	LMB+	815	57	1,061	15,597	1,338	4,960	595
MICHIGAN	LM+	1,636	130	4,254	41,152	2,558	13,836	1,591

## FACULTY AND ENROLLMENT

	Notes	Doctor's Degrees Awarded 23	Doctor's Degree Fields 24	Faculty 25	Total Students (Full-time) 26	Total Students (Part-time) 27	Graduate Students (Full-time) 28	Graudate Students (Part-time) 29
MICHIGAN STATE	L+	1,510	114	2,770	44,007	6,206	9,169	3,059
MINNESOTA	LMB+	1,796	119	1,956	38,767	12,759	9,827	7,250
MISSOURI	LM+	877	73	1,409	30,670	4,314	5,068	2,634
MIT	b+	594	35	1,000	11,138	163	6,639	134
MONTREAL	LMB+	484	77	1,937	48,158	19,695	12,528	5,065
NEBRASKA	Lb+	436	44	1,310	20,873	3,552	2,771	2,278
NEW MEXICO	LMB+	678	40	3,304	21,065	8,051	5,876	2,507
NEW YORK	LMBb+	1,066	98	3,971	34,238	9,411	12,084	8,229
NORTH CAROLINA	LM+	538	61	1,630	24,390	4,737	6,820	3,937
NORTH CAROLINA STATE	+	575	63	1,783	26,770	7,239	5,301	4,712
NORTHWESTERN	LMBb+	492	67	3,256	15,458	4,001	6,999	3,440
NOTRE DAME	Lb+	386	43	1,118	11,908	216	3,449	198
OHIO	MBb+	273	93	1,100	24,208	14,649	2,693	2,589
OHIO STATE	LMB+	1,604	119	2,848	56,040	8,828	10,024	3,629
OKLAHOMA	LM+	992	95	2,376	24,236	6,522	5,453	3,463
OKLAHOMA STATE	MBb+	244	42	1,334	24,748	12,501	2,614	3,285
OREGON	LBb+	339	45	1,313	21,920	2,553	3,028	648
OTTAWA	LM+	239	50	1,269	35,159	7,428	5,237	1,308
PENNSYLVANIA	LM	1,244	72	1,978	21,344	3,286	11,025	2,080
PENNSYLVANIA STATE	LMBb+	986	114	5,927	73,567	18,852	7,311	7,616
PITTSBURGH	LMB+	1,086	99	1,889	31,044	3,970	7,586	2,448
PRINCETON	b+	389	72	904	8,014	0	2,691	0
PURDUE	+	958	64	2,063	34,871	4,923	6,212	3,136
QUEEN'S	LMB+	234	37	777	21,509	3,268	3,798	450
RICE	+	191	30	656	6,356	272	2,452	211
ROCHESTER	Mb+	380	62	2,028	9,284	1,736	3,447	1,396
RUTGERS	LBM+	1,951	93	3,322	52,612	12,849	11,141	8,414
SASKATCHEWAN	LM+	416	44	1,106	18,785	2,258	2,707	408
SOUTH CAROLINA	LMB+	834	69	1,816	28,655	3,942	6,122	2,295
SOUTHERN CALIFORNIA	LMBb+	663	89	1,883	35,775	5,239	18,486	4,529

## FACULTY AND ENROLLMENT

	Notes	Doctor's Degrees Awarded 23	Doctor's Degree Fields 24	Faculty 25	Total Students (Full-time) 26	Total Students (Part-time) 27	Graduate Students (Full-time) 28	Graudate Students (Part-time) 29
SOUTHERN ILLINOIS	LM+	345	34	843	14,478	3,486	2,675	1,983
SUNY-ALBANY	b+	208	38	606	14,393	2,947	2,344	2,177
SUNY-BUFFALO	LM+	992	94	1,220	24,813	5,037	6,722	3,297
SUNY-STONY BROOK	Mb+	576	48	1,332	20,043	4,100	5,151	3,000
SYRACUSE	Lb+	169	53	1,049	19,092	2,175	4,670	1,500
TEMPLE	LMBb+	1,201	59	2,034	31,535	6,084	6,529	2,673
TENNESSEE	LMBb+	462	59	1,734	26,283	3,747	6,484	2,364
TEXAS	L+	1,355	91	2,446	47,416	4,643	10,517	1,563
TEXAS A&M	MBLb+	837	100	3,527	54,291	3,924	11,724	1,261
TEXAS TECH	LMB+	544	58	2,361	31,832	5,798	6,299	2,941
TORONTO	LMB+	879	96	2,407	72,201	7,681	14,381	1,503
TULANE	LMB+	981	41	1,059	13,867	2,559	6,775	812
UTAH	LMB+	836	74	1,428	23,438	8,993	6,119	1,820
VANDERBILT	LM+	671	58	3,353	11,965	792	5,201	721
VIRGINIA	LMB+	919	55	1,326	21,086	2,378	5,997	1,380
VIRGINIA TECH	b+	590	53	1,442	28,591	2,780	5,079	2,258
WASHINGTON	LMBb+	1,402	94	3,897	45,489	7,119	11,893	3,282
WASHINGTON STATE	Bb+	268	48	1,242	23,604	4,038	3,292	1,280
WASHINGTON U.-ST. LOUIS	LMB+	261	42	1,914	12,078	1,954	5,491	1,205
WATERLOO	+	347	61	1,139	33,140	2,792	4,035	1,265
WAYNE STATE	LMB+	807	56	1,041	18,096	9,801	5,875	3,420
WESTERN	Lb+	311	50	1,410	27,533	2,695	5,007	585
WISCONSIN	LM+	813	104	3,297	38,428	4,249	9,860	2,089
YALE	LMB+	743	69	2,513	11,927	182	6,503	176
YORK	LB+	224	34	1,523	44,858	9,150	3,935	1,987

+ - See Footnotes

L - Includes Law Library

M - Includes Medical Library

B - Includes branch campuses

b - Basis of volume count is bibliographic

. - Unavailable, not applicable or no data supplied

**FACULTY AND ENROLLMENT  
Summary Data**

	Doctor's Degrees Awarded 23	Doctor's Degree Fields 24	Faculty 25	Total Students (Full-time) 26	Total Students (Part-time) 27	Graduate Students (Full-time) 28	Graudate Students (Part-time) 29
Median	590	63	1,442	25,084	3,990	5,774	2,080
High	1,964	488	5,927	73,567	19,695	18,486	8,414
Low	30	17	606	6,185	0	1,985	0
Totals	76,631	8,428	204,144	3,102,802	578,669	721,527	272,174
Number of Libraries Reporting	115	113	115	115	115	115	115

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