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WASHINGTON, D.C.
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ARL ACADEMIC
HEALTH SCIENCES
LIBRARY STATISTICS
2002-03

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The ARL Academic Health Sciences Library Statistics datafiles,
with accompanying documentation, are available at <<http://www.arl.org/stats/lawmed/>>.

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.

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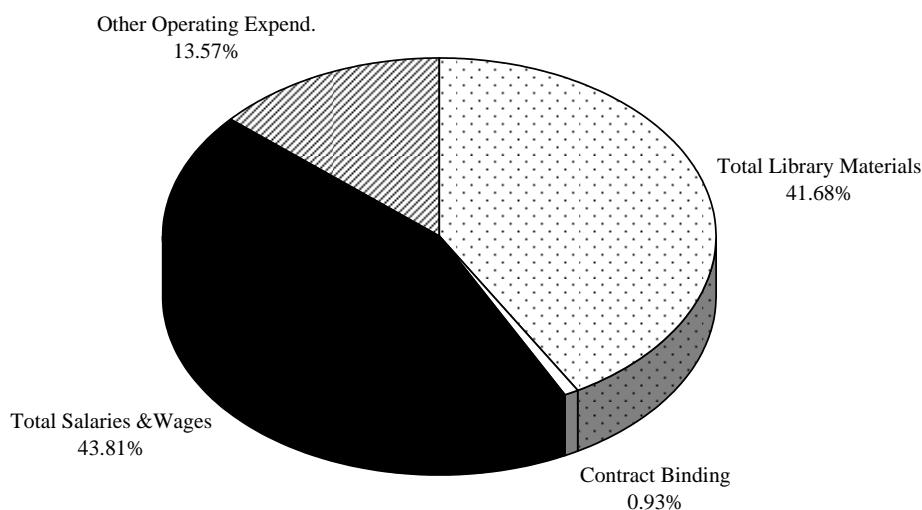
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HIGHLIGHTS
ARL ACADEMIC HEALTH SCIENCES LIBRARY STATISTICS, 2002-03

- **Out of 114 ARL university libraries, 65 responded to this survey.**¹
- **Health Sciences libraries reported median values of 232,559 volumes held and 5,024 gross volumes added. The full-time equivalent of 2,589 staff were employed by these libraries during the year.**
- **Responding libraries reported total expenditures of \$209,090,449.**² As seen in the graph below, staff salaries and wages made up the largest portion of that total, with 44% of aggregated expenses falling under that category.

Expenditures in ARL Health Sciences Libraries, 2002-03



¹ 71 university libraries reported a Health Sciences library on the 2002-03 *ARL Statistics*. British Columbia, Brown, Laval, Manitoba, Missouri, Oklahoma, Texas A&M, and Wayne State included Health Sciences library data with the *ARL Statistics*, but did not respond to this survey. Cornell and Indiana did not include a Health Sciences library on the *ARL Statistics*, but submitted a response to this survey.

² This figure includes Canadian universities, whose expenditures were converted to U.S. dollars at the rate of 1.51023\$ = 1 US\$, the average monthly noon exchange rate published in the *Bank of Canada Review* for the period July 2002-June 2003.

ARL HEALTH SCIENCES LIBRARY DATA TABLES
2002-03

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2002-03

TABLE 1: COLLECTIONS

(Survey Question #)		Volumes in Library	Volumes Added (Gross)	Volumes Added (Net)	Mono- graphs Purchased	Current Serials Purchased	Current Serials Received	Current Serials Total
		(1)	(2)	(3)	(4)	(5)	(6)	(7)
INSTITUTION	Notes							
ALABAMA	b+	18,289	1,100	-125	481	345	109	454
ALBERTA	+	237,308	4,499	-1,526	U/A	2,144	29	2,173
ARIZONA	b+	229,395	5,024	4,200	1,448	4,598	529	5,127
BOSTON	+	138,130	3,264	3,038	371	2,895	118	3,013
CALIFORNIA, DAVIS	+	350,403	7,137	7,068	1,814	2,192	613	2,805
CALIFORNIA, IRVINE	+	280,511	11,976	9,941	3,712	2,546	877	3,423
CALIFORNIA, LOS ANGELES	b+	626,450	13,116	11,609	3,337	U/A	U/A	4,519
CALIFORNIA, SAN DIEGO	G+	232,453	7,714	-21,860	2,492	4,169	1,085	5,254
CASE WESTERN RESERVE	+	403,069	4,836	4,836	913	2,243	5,490	7,733
CHICAGO	+	734,054	9,907	9,504	U/A	U/A	U/A	4,767
CINCINNATI	b+	292,031	5,278	4,343	1,886	5,996	137	6,133
COLUMBIA	+	548,536	6,180	5,832	1,512	4,385	31	4,416
CONNECTICUT	+	200,526	4,511	342	1,886	1,487	10	1,497
CORNELL	G+	175,637	4,130	3,635	992	2,941	75	3,016
DARTMOUTH	+	255,677	7,694	2,992	1,133	2,413	254	2,667
DUKE	G+	285,190	12,567	12,423	1,116	4,239	29	4,268
EMORY	BG+	227,877	5,151	4,649	1,017	1,656	11	1,667
FLORIDA	BG+	343,074	7,272	6,274	2,306	2,248	27	2,275
FLORIDA STATE	Gb+	7,911	569	569	569	U/A	U/A	583
GEORGE WASHINGTON	b+	130,102	2,254	1,197	1,608	1,052	51	1,103
GEORGETOWN	b+	136,599	5,545	3,075	1,278	1,524	8	1,532
HARVARD	+	707,824	13,072	12,621	U/A	U/A	U/A	2,771
HOWARD	+	266,793	146	33	317	U/A	U/A	1,089
ILLINOIS, CHICAGO	+	703,020	10,491	1,403	2,840	2,668	175	2,843
INDIANA	Gb+	259,577	8,074	7,485	1,754	1,979	99	2,078
IOWA	G+	316,897	5,216	4,840	2,340	U/A	U/A	2,300
JOHNS HOPKINS	BG+	425,702	6,161	4,698	945	5,007	424	5,431
KANSAS	b+	178,612	2,683	2,683	282	3,182	24	3,206
KENTUCKY	+	223,096	4,631	4,480	1,547	1,857	63	1,920
LOUISVILLE	G+	232,559	6,370	6,228	2,550	U/A	U/A	4,903
MCGILL	b+	339,240	4,587	4,523	0	2,379	280	2,659
MCMASTER	+	158,035	3,146	2,928	919	2,798	209	3,007
MIAMI	+	210,792	4,922	4,127	1,143	1,534	254	1,788
MICHIGAN	Gb+	536,501	6,911	6,536	4,140	4,206	340	4,546
MINNESOTA	+	469,348	7,339	7,324	U/A	2,434	194	2,628
MONTREAL	+	331,864	6,417	6,334	688	3,097	821	3,918
NEW MEXICO	b+	174,135	1,286	-1,863	773	2,046	13	2,059
NEW YORK	+	212,223	9,246	557	1,172	5,240	860	6,100
NORTH CAROLINA	+	316,486	6,005	5,508	1,835	3,505	554	4,059

+ - See Footnotes
B - Includes branch campuses

G - Government documents not included in serials count
b - Bibliographic count

U/A - Unavailable

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2002-03

TABLE 1: COLLECTIONS

Microform Units	Government Documents	Computer Files	Archives and Manus.	Carto- graphic Materials	Graphic Materials	Audio Materials	Video and Film	(Survey Question #)
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	INSTITUTION
0	0	118	0	0	5,643	446	714	ALABAMA
20,000	0	147	0	0	0	0	755	ALBERTA
4,731	0	282	60	0	70,541	502	2,376	ARIZONA
27	0	54	712	0	17,700	325	225	BOSTON
16,591	0	166	0	0	364	3,722	224	CALIFORNIA, DAVIS
343,370	40,062	2,693	424	1,298	8,600	1,430	971	CALIFORNIA, IRVINE
60,571	5,788	1,593	707	2	44,560	3,137	1,491	CALIFORNIA, LOS ANGELES
16,630	0	750	0	0	4,370	2,396	8	CALIFORNIA, SAN DIEGO
3,750	0	100	816	0	51,833	1,379	1,226	CASE WESTERN RESERVE
248,923	0	0	0	0	0	0	1,661	CHICAGO
6,860	0	902	2,853	0	49,752	2,048	2,531	CINCINNATI
52,686	0	U/A	2,939	U/A	13,474	U/A	U/A	COLUMBIA
0	0	888	0	0	550	440	1,754	CONNECTICUT
12,900	0	313	0	0	0	0	1,717	CORNELL
13,326	0	225	0	0	19,592	6,027	1,593	DARTMOUTH
64	0	136	4,039	93	13,836	453	1,376	DUKE
46	0	532	218	0	0	2,419	0	EMORY
6,191	0	937	0	0	0	734	2,613	FLORIDA
0	0	76	0	0	0	0	0	FLORIDA STATE
0	0	238	0	0	4,042	1,433	1,958	GEORGE WASHINGTON
0	0	128	0	0	462	239	261	GEORGETOWN
U/A	U/A	U/A	U/A	U/A	U/A	17	231	HARVARD
501	0	34	0	0	0	208	746	HOWARD
61,616	0	170	1,124	0	212,164	2,916	6,447	ILLINOIS, CHICAGO
6,856	0	315	24	0	0	0	488	INDIANA
33,392	50,617	643	0	0	429	U/A	922	IOWA
9,463	0	505	0	0	392	1,021	1,301	JOHNS HOPKINS
28,755	0	0	0	0	373	121	5,037	KANSAS
2	0	11	0	0	31,598	1,208	1,127	KENTUCKY
188	0	82	680	0	64	32	84	LOUISVILLE
9,802	0	232	811	0	0	66	6,252	MCGILL
5,241	0	630	730	0	10	837	935	MCMASTER
2,837	0	204	356	U/A	U/A	U/A	3,019	MIAMI
521	0	168	3	0	2,947	209	190	MICHIGAN
66,310	0	266	2	7	196	30	1,207	MINNESOTA
32,787	0	221	0	0	12,727	997	1,584	MONTREAL
495	0	165	1,200	0	604	190	1,496	NEW MEXICO
308	0	909	975	0	7,822	433	1,621	NEW YORK
32,461	0	444	0	0	0	3,487	1,096	NORTH CAROLINA

U/A - Unavailable

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2002-03

TABLE 1: COLLECTIONS

(Survey Question #)		Volumes in Library	Volumes Added (Gross)	Volumes Added (Net)	Mono- graphs Purchased	Current Serials Purchased	Current Serials Received	Current Serials Total
		(1)	(2)	(3)	(4)	(5)	(6)	(7)
INSTITUTION	Notes							
NORTHWESTERN	+	272,679	3,785	-2,705	991	U/A	U/A	2,540
OHIO	+	146,772	1,382	1,376	977	724	2,274	2,998
OHIO STATE	BG+	211,043	6,800	257	1,917	3,657	1,851	5,508
OKLAHOMA STATE	Gb+	56,648	754	690	541	433	26	459
PENNSYLVANIA	+	193,887	8,479	7,851	1,762	U/A	U/A	2,723
PENNSYLVANIA STATE	+	107,961	3,193	3,057	658	5,941	26	5,967
PITTSBURGH	b+	455,267	8,480	8,253	4,148	4,898	51	4,949
QUEEN'S	Gb+	144,263	2,697	-2,794	1,028	733	69	802
ROCHESTER	+	248,134	5,452	4,957	1,351	U/A	U/A	3,794
SASKATCHEWAN	+	175,653	4,749	4,099	939	U/A	U/A	1,983
SOUTH CAROLINA	Gb+	102,870	2,613	2,600	1,068	U/A	U/A	2,285
SOUTHERN CALIFORNIA	B+	208,647	6,383	3,425	1,852	U/A	U/A	3,675
SOUTHERN ILLINOIS	G+	153,263	2,289	1,345	354	1,078	100	1,178
SUNY-BUFFALO	+	345,654	5,328	2,908	723	1,463	746	2,209
SUNY-STONY BROOK	G+	277,013	1,186	1,183	80	2,395	628	3,023
TEMPLE	Bb+	132,811	1,723	-1,356	254	1,483	107	1,590
TENNESSEE	b+	187,843	970	494	458	U/A	U/A	1,497
TEXAS TECH	B+	289,736	7,819	6,346	3,707	4,213	1,105	5,318
TULANE	G+	163,659	2,258	-4,007	725	U/A	U/A	1,503
UTAH	+	214,972	4,932	3,154	1,137	2,339	99	2,438
VANDERBILT	+	213,120	3,095	2,906	590	3,600	540	4,140
VIRGINIA	+	197,791	1,896	-601	555	3,305	163	3,468
WASHINGTON	Bb+	367,430	6,767	4,363	1,301	1,766	53	1,819
WASHINGTON U.-ST. LOUIS	b+	295,516	3,600	2,925	2,598	2,220	27	2,247
WISCONSIN	b+	305,849	1,047	-32,660	434	2,661	351	3,012
YALE	+	438,394	5,516	5,154	2,563	4,265	770	5,035

SUMMARY DATA

High	734,054	13,116	12,621	4,148	5,996	5,490	7,733
Mean	274,197	5,225	2,703	1,430	2,764	456	3,106
Median	232,559	5,024	3,154	1,135	2,424	150	2,805
Low	7,911	146	-32,660	80	345	8	454
Totals	17,822,801	339,620	175,681	85,827	138,179	22,779	201,890
Number of Libraries Responding	65	65	65	60	50	50	65

+ - See Footnotes
B - Includes branch campuses

G - Government documents not included in serials count
b - Bibliographic count

U/A - Unavailable

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2002-03

TABLE 1: COLLECTIONS

Microform Units	Government Documents	Computer Files	Archives and Manus.	Carto- graphic Materials	Graphic Materials	Audio Materials	Video and Film	(Survey Question #) INSTITUTION
(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	
U/A	0	725	U/A	0	U/A	687	1,206	NORTHWESTERN
17,119	31,107	181	139	0	14	147	965	OHIO
109	0	377	700	1,650	8,026	466	612	OHIO STATE
44,260	1,028	164	114	3	122,223	1,972	2,167	OKLAHOMA STATE
0	0	53	0	0	0	0	0	PENNSYLVANIA
0	0	182	62	0	743	93	336	PENNSYLVANIA STATE
68,530	0	2,002	0	0	7	2,036	3,741	PITTSBURGH
U/A	U/A	U/A	U/A	U/A	U/A	U/A	U/A	QUEEN'S
0	0	60	1,300	0	5,000	65	70	ROCHESTER
2,290	0	234	0	0	11,048	188	28	SASKATCHEWAN
4,966	0	51	0	0	0	0	845	SOUTH CAROLINA
9,007	0	826	10	0	15,067	2,257	1,476	SOUTHERN CALIFORNIA
6,662	1,020	125	1,089	0	0	2,556	3,348	SOUTHERN ILLINOIS
41,550	U/A	458	U/A	0	63,500	725	3,300	SUNY-BUFFALO
U/A	0	105	U/A	U/A	1,331	10	149	SUNY-STONY BROOK
60	0	53	U/A	0	0	0	1,358	TEMPLE
0	0	91	205	0	0	44	2,010	TENNESSEE
2,550	0	1,954	500	0	784	4,676	6,634	TEXAS TECH
200	0	0	50	0	4,654	0	0	TULANE
14,976	U/A	1,050	U/A	U/A	2,449	36	1,351	UTAH
9,119	0	962	3,908	2	5,308	2,525	1,248	VANDERBILT
14,618	0	312	543	0	30,915	1,128	2,796	VIRGINIA
85,553	0	376	0	9	909	285	538	WASHINGTON
1,776	0	119	2,435	0	28,042	367	1,401	WASHINGTON U.-ST. LOUIS
722	4,695	81	6,372	0	92	1,197	1,139	WISCONSIN
15,641	U/A	235	515	0	10,457	1,457	393	YALE

SUMMARY DATA

343,370	50,617	2,693	6,372	1,650	212,164	6,027	6,634	High
27,652	19,188	442	1,077	383	19,244	1,189	1,599	Mean
9,063	5,788	232	690	8	5,154	706	1,248	Median
2	1,020	11	2	2	7	10	8	Low
1,437,909	134,317	26,053	36,615	3,064	885,214	61,819	94,348	Sum
52	7	59	34	8	46	52	59	Number of Libraries

U/A - Unavailable

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2002-03

TABLE 2: EXPENDITURES

(Survey Question #)		Monographs	Current Serials	Other Library Materials	Misc. Materials	Total Library Materials	Contract Binding
		(16)	(17)	(18)	(19)	(20)	(21)
INSTITUTION	Notes						
ALABAMA	b+	15,091	110,432	U/A	0	125,523	4,823
ALBERTA	+	153,479	702,367	0	0	855,846	13,936
ARIZONA	b+	82,204	1,109,460	7,404	1,550	1,200,618	29,487
BOSTON	+	12,675	824,681	0	0	837,356	19,653
CALIFORNIA, DAVIS	+	216,990	393,038	40,504	19,188	669,720	28,442
CALIFORNIA, IRVINE	+	226,662	607,627	U/A	19,359	853,648	17,357
CALIFORNIA, LOS ANGELES	b+	597,846	1,593,346	19,253	0	2,210,445	84,400
CALIFORNIA, SAN DIEGO	G+	187,641	1,399,551	50	0	1,587,242	62,052
CASE WESTERN RESERVE	+	77,123	1,080,073	859	26,700	1,184,755	28,879
CHICAGO	+	295,708	1,635,148	633,911	0	2,564,767	76,039
CINCINNATI	b+	142,367	1,254,285	2,453	51,155	1,450,260	23,025
COLUMBIA	+	226,103	1,567,457	U/A	U/A	1,793,560	74,500
CONNECTICUT	+	144,556	1,250,089	37,585	0	1,432,230	21,915
CORNELL	G+	92,218	1,150,157	194,500	0	1,436,875	31,674
DARTMOUTH	+	64,625	845,325	4,931	0	914,881	21,332
DUKE	G+	106,106	1,364,188	500	166,385	1,637,179	28,722
EMORY	BG+	143,282	1,164,275	3,891	183,584	1,495,032	38,429
FLORIDA	BG+	137,401	1,386,180	176,674	31,416	1,731,671	53,560
FLORIDA STATE	Gb+	28,450	179,235	59,764	0	267,449	0
GEORGE WASHINGTON	b+	206,332	1,041,225	11,429	0	1,258,986	21,695
GEORGETOWN	b+	57,476	648,330	145,543	0	851,349	23,968
HARVARD	+	71,613	1,473,667	404,544	0	1,949,824	66,912
HOWARD	+	106,106	751,462	10,000	82,285	949,853	20,000
ILLINOIS, CHICAGO	+	181,309	1,619,281	2,293	0	1,802,883	39,451
INDIANA	Gb+	99,171	1,599,874	0	0	1,699,045	42,194
IOWA	G+	121,815	1,431,630	3,691	48,126	1,605,262	0
JOHNS HOPKINS	BG+	104,740	521,588	2,320	1,115,085	1,743,733	35,609
KANSAS	b+	62,625	787,671	31,042	0	881,338	15,377
KENTUCKY	+	138,894	1,170,965	18,857	188,635	1,517,351	24,010
LOUISVILLE	G+	137,183	1,515,790	20,040	0	1,673,013	33,661
MCGILL	b+	111,460	825,481	U/A	0	936,941	26,829
MCMASTER	+	156,012	760,396	0	6,688	923,096	21,935
MIAMI	+	141,799	898,768	2,260	17,284	1,060,111	36,726
MICHIGAN	Gb+	317,739	1,366,088	293,617	0	1,977,444	0
MINNESOTA	+	447,128	1,829,102	10,054	7,525	2,293,809	74,360
MONTREAL	+	69,293	1,389,073	2,153	0	1,460,519	9,614
NEW MEXICO	b+	53,727	690,793	6,142	116,015	866,677	26,811
NEW YORK	+	171,144	1,429,670	5,155	55,072	1,661,041	41,385
NORTH CAROLINA	+	114,884	1,595,597	6,787	0	1,717,268	36,970

+ - See Footnotes
B - Includes branch campuses

G - Government documents not included in serials count
b - Bibliographic count

U/A - Unavailable

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2002-03

TABLE 2: EXPENDITURES

Salaries & Wages: Professional (22)	Salaries & Wages: Support (23)	Salaries & Wages: Student Asst. (24)	Total Salaries & Wages (25)	Other Operating Expenditures (26)	Total Library Expenditures (27)	(Survey Question #) INSTITUTION
46,843	52,618	0	99,461	15,106	244,913	ALABAMA
348,948	263,200	53,262	665,411	U/A	1,535,193	ALBERTA
857,165	836,061	103,255	1,796,481	439,237	3,465,823	ARIZONA
518,274	275,731	68,944	862,949	554,625	2,274,583	BOSTON
608,986	651,679	111,395	1,372,060	170,671	2,240,893	CALIFORNIA, DAVIS
464,633	552,882	122,097	1,139,612	399,615	2,410,232	CALIFORNIA, IRVINE
1,202,172	1,264,401	358,362	2,824,935	609,835	5,729,615	CALIFORNIA, LOS ANGELES
684,399	632,385	125,128	1,441,912	469,044	3,560,250	CALIFORNIA, SAN DIEGO
558,489	332,808	149,878	1,041,175	266,843	2,521,652	CASE WESTERN RESERVE
113,756	140,251	32,531	286,538	93,600	3,020,944	CHICAGO
1,118,830	555,301	59,284	1,733,415	220,117	3,426,817	CINCINNATI
967,633	678,101	36,656	1,682,390	334,036	3,884,486	COLUMBIA
919,478	532,889	26,960	1,479,327	81,968	3,015,440	CONNECTICUT
790,995	708,357	0	1,499,352	618,924	3,586,825	CORNELL
518,755	379,383	37,933	936,071	282,467	2,154,751	DARTMOUTH
927,577	727,417	3,319	1,658,313	559,227	3,883,441	DUKE
578,889	781,929	24,192	1,385,010	451,348	3,369,819	EMORY
981,943	795,299	137,682	1,914,924	412,590	4,112,745	FLORIDA
160,000	107,042	2,100	269,142	58,453	595,044	FLORIDA STATE
669,122	402,358	89,813	1,161,293	2,148,276	4,590,250	GEORGE WASHINGTON
516,886	374,505	62,384	953,775	420,212	2,249,304	GEORGETOWN
2,021,551	1,125,920	0	3,147,471	1,063,958	6,228,165	HARVARD
406,144	407,416	35,000	848,560	95,484	1,913,897	HOWARD
1,036,504	1,274,751	89,698	2,400,953	406,480	4,649,767	ILLINOIS, CHICAGO
718,779	695,212	20,990	1,434,981	573,952	3,750,172	INDIANA
554,638	458,698	156,974	1,170,310	229,827	3,005,399	IOWA
1,428,359	1,331,620	0	2,759,979	1,258,243	5,797,564	JOHNS HOPKINS
307,806	395,364	36,381	739,551	243,878	1,880,144	KANSAS
863,330	387,089	89,584	1,340,003	194,091	3,075,455	KENTUCKY
333,575	376,531	57,027	767,133	308,622	2,782,429	LOUISVILLE
240,198	343,091	39,395	622,683	83,235	1,669,688	MCGILL
313,701	426,487	20,695	760,882	132,234	1,838,147	MCMASTER
1,064,070	444,718	0	1,508,788	346,044	2,951,669	MIAMI
557,786	729,605	208,311	1,495,702	65,424	3,538,570	MICHIGAN
715,216	992,828	342,216	2,050,260	791,597	5,210,026	MINNESOTA
358,884	500,944	0	859,828	36,776	2,366,737	MONTREAL
1,993,521	494,428	66,757	2,554,706	911,454	4,359,648	NEW MEXICO
1,278,253	1,001,327	79,304	2,358,884	599,754	4,661,064	NEW YORK
1,728,446	969,862	177,361	2,875,669	728,863	5,358,770	NORTH CAROLINA

U/A - Unavailable

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2002-03

TABLE 2: EXPENDITURES

(Survey Question #)		Monographs (16)	Current Serials (17)	Other Library Materials (18)	Misc. Materials (19)	Total Library Materials (20)	Contract Binding (21)
INSTITUTION	Notes						
NORTHWESTERN	+	106,866	1,247,933	25,357	34,573	1,414,729	21,908
OHIO	+	58,454	440,443	715	460	500,072	11,695
OHIO STATE	BG+	144,559	1,194,911	4,000	0	1,343,470	18,672
OKLAHOMA STATE	Gb+	36,623	205,000	1,710	87,228	330,561	2,866
PENNSYLVANIA	+	150,998	1,544,909	U/A	U/A	1,695,907	52,646
PENNSYLVANIA STATE	+	48,608	981,429	0	272,870	1,302,907	21,829
PITTSBURGH	b+	291,622	2,645,480	24,474	48,006	3,009,582	38,576
QUEEN'S	Gb+	95,413	788,559	U/A	U/A	883,972	13,196
ROCHESTER	+	73,518	1,095,337	150,134	0	1,318,989	30,638
SASKATCHEWAN	+	87,739	500,858	U/A	U/A	588,597	14,110
SOUTH CAROLINA	Gb+	64,116	341,679	3,511	101,566	510,872	10,785
SOUTHERN CALIFORNIA	B+	183,708	1,632,661	27,491	61,635	1,905,495	65,764
SOUTHERN ILLINOIS	G+	55,154	700,376	3,650	17,548	776,728	14,987
SUNY-BUFFALO	+	93,973	1,188,886	8,982	0	1,291,841	29,499
SUNY-STONY BROOK	G+	21,664	958,269	67,290	29,767	1,076,990	423
TEMPLE	Bb+	26,672	944,315	180	3,634	974,801	23,348
TENNESSEE	b+	55,005	998,768	0	247,560	1,301,333	9,682
TEXAS TECH	B+	236,781	1,487,969	21,236	141,081	1,887,067	30,835
TULANE	G+	73,064	857,037	0	0	930,101	17,075
UTAH	+	89,046	945,132	9,852	U/A	1,044,030	23,516
VANDERBILT	+	239,481	1,396,968	U/A	62,856	1,699,305	29,571
VIRGINIA	+	127,699	1,216,250	19,516	7,560	1,371,025	2,984
WASHINGTON	Bb+	90,723	1,121,127	U/A	U/A	1,211,850	35,059
WASHINGTON U.-ST. LOUIS	b+	116,034	2,096,382	10,073	35,266	2,257,755	56,427
WISCONSIN	b+	33,729	1,086,471	6,240	419,858	1,546,298	89,003
YALE	+	366,559	1,534,250	4,225	0	1,905,034	30,717

SUMMARY DATA

High	597,846	2,645,480	633,911	1,115,085	3,009,582	89,003
Mean	135,212	1,109,458	51,976	112,349	1,340,891	31,477
Median	106,866	1,121,127	9,852	48,126	1,343,470	27,636
Low	12,675	110,432	50	460	125,523	423
Totals	8,788,785	72,114,764	2,546,842	3,707,520	87,157,911	1,951,544
Number of Libraries Responding	65	65	49	33	65	62

+ - See Footnotes
B - Includes branch campuses

G - Government documents not included in serials count
b - Bibliographic count

U/A - Unavailable

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2002-03

TABLE 2: EXPENDITURES

Salaries & Wages: Professional	Salaries & Wages: Support	Salaries & Wages: Student Asst.	Total Salaries & Wages	Other Operating Expenditures	Total Library Expenditures	(Survey Question #) INSTITUTION
(22)	(23)	(24)	(25)	(26)	(27)	
689,491	556,400	17,198	1,263,089	299,189	2,998,915	NORTHWESTERN
169,817	145,691	50,806	366,314	88,477	966,558	OHIO
901,315	504,559	102,053	1,507,927	235,507	3,105,576	OHIO STATE
113,232	159,958	17,296	290,486	96,153	720,066	OKLAHOMA STATE
651,047	646,798	248,509	1,546,354	360,068	3,654,975	PENNSYLVANIA
223,404	376,072	8,580	608,056	0	1,932,792	PENNSYLVANIA STATE
1,372,347	858,134	64,256	2,294,737	508,631	5,851,526	PITTSBURGH
191,103	211,200	28,078	430,381	70,639	1,398,188	QUEEN'S
1,088,808	304,283	54,741	1,447,832	429,327	3,226,786	ROCHESTER
110,373	135,026	33,946	279,345	U/A	882,052	SASKATCHEWAN
304,409	265,677	28,767	598,853	101,737	1,222,247	SOUTH CAROLINA
974,811	705,297	168,341	1,848,449	628,918	4,448,626	SOUTHERN CALIFORNIA
252,732	431,028	0	683,760	62,936	1,538,411	SOUTHERN ILLINOIS
994,575	256,349	136,754	1,387,678	263,066	2,972,084	SUNY-BUFFALO
1,204,341	311,236	81,900	1,597,477	399,628	3,074,518	SUNY-STONY BROOK
436,175	421,367	54,254	911,796	319,427	2,229,372	TEMPLE
528,192	419,871	2,591	950,654	312,577	2,574,246	TENNESSEE
979,008	567,531	206,311	1,752,850	316,179	3,986,931	TEXAS TECH
403,425	257,942	11,052	672,419	334,647	1,954,242	TULANE
665,673	627,435	174,636	1,467,744	1,025,425	3,560,715	UTAH
1,230,593	598,212	6,379	1,835,184	777,565	4,341,625	VANDERBILT
1,100,018	962,745	741	2,063,504	379,063	3,816,576	VIRGINIA
1,509,722	727,829	292,494	2,530,045	282,874	4,059,828	WASHINGTON
2,832,494	1,213,937	86,008	4,132,439	3,890,090	10,336,711	WASHINGTON U.-ST. LOUIS
1,005,208	677,617	227,447	1,910,272	277,553	3,823,126	WISCONSIN
927,055	377,518	23,239	1,327,812	239,863	3,503,426	YALE

SUMMARY DATA

2,832,494	1,331,620	358,362	4,132,439	3,890,090	10,336,711	High
774,368	555,695	88,815	1,409,313	457,672	3,216,776	Mean
684,399	500,944	60,834	1,387,678	326,732	3,075,455	Median
46,843	52,618	741	99,461	15,106	244,913	Low
50,333,902	36,120,199	5,151,245	91,605,346	28,375,648	209,090,449	Sum
65	65	58	65	62	65	Number of Libraries

U/A - Unavailable

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2002-03

TABLE 3: PERSONNEL AND PUBLIC SERVICES

(Survey Question #)		Professional Staff (FTE)	Support Staff (FTE)	Student Assistants (FTE)	Total Staff (FTE)	Library Presentations to Groups *	Participants in Group Presentations *
(28)	(29)	(30)	(31)	(32)	(33)		
INSTITUTION	Notes						
ALABAMA	b+	1	3	0	4	13	183
ALBERTA	+	7	9	5	21	229	5,897
ARIZONA	b+	15	27	9	51	203	2,868
BOSTON	+	11	8	10	29	285	2,174
CALIFORNIA, DAVIS	+	11	27	10	48	18	670
CALIFORNIA, IRVINE	+	9	15	9	33	89	1,671
CALIFORNIA, LOS ANGELES	b+	17	32	24	73	157	2,755
CALIFORNIA, SAN DIEGO	G+	11	18	7	36	322	3,334
CASE WESTERN RESERVE	+	10	11	9	30	56	548
CHICAGO	+	3	2	4	9	35	445
CINCINNATI	b+	19	18	7	44	517	3,637
COLUMBIA	+	18	23	2	43	181	1,699
CONNECTICUT	+	14	13	3	30	213	1,847
CORNELL	G+	13	20	0	33	68	502
DARTMOUTH	+	17	15	16	48	U/A	U/A
DUKE	G+	18	22	0	40	279	2,515
EMORY	BG+	13	25	3	41	101	1,658
FLORIDA	BG+	24	29	14	67	285	4,249
FLORIDA STATE	Gb+	3	2	1	6	48	888
GEORGE WASHINGTON	b+	15	14	8	37	125	3,823
GEORGETOWN	b+	10	10	5	25	144	3,323
HARVARD	+	33	31	0	64	135	1,825
HOWARD	+	6	15	5	26	50	200
ILLINOIS, CHICAGO	+	21	46	8	75	291	4,095
INDIANA	Gb+	11	22	6	39	227	4,047
IOWA	G+	11	13	11	35	96	1,879
JOHNS HOPKINS	BG+	28	45	0	73	211	2,294
KANSAS	b+	7	18	3	28	0	0
KENTUCKY	+	15	17	10	42	219	2,761
LOUISVILLE	G+	9	14	5	28	154	1,443
MCGILL	b+	7	17	4	28	112	3,044
MCMASTER	+	7	21	4	32	209	2,088
MIAMI	+	19	20	0	39	834	1,844
MICHIGAN	Gb+	10	24	14	48	240	3,697
MINNESOTA	+	13	27	20	60	133	2,073
MONTREAL	+	10	29	0	39	246	4,924
NEW MEXICO	b+	44	18	5	67	390	4,301
NEW YORK	+	21	29	6	56	328	2,515
NORTH CAROLINA	+	33	30	2	65	195	4,612

+ - See Footnotes

U/A - Unavailable

B - Includes branch campuses

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

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2002-03

TABLE 3: PERSONNEL AND PUBLIC SERVICES

Reference Transactions *	Initial Circulation Transactions	Total Circulation Transactions	ILL/DD		(Survey Question #)
			Total Items Loaned	Total Items Borrowed	
(34)	(35)	(36)	(37)	(38)	INSTITUTION
2,979	901	1,028	622	253	ALABAMA
27,404	U/A	94,704	67,525	9,429	ALBERTA
22,488	35,481	44,018	15,882	2,818	ARIZONA
16,473	3,122	4,086	6,496	8,352	BOSTON
15,383	30,945	41,430	19,290	6,076	CALIFORNIA, DAVIS
8,801	26,689	52,470	3,404	3,235	CALIFORNIA, IRVINE
39,556	53,977	73,830	34,867	11,267	CALIFORNIA, LOS ANGELES
31,623	24,292	30,020	12,047	8,248	CALIFORNIA, SAN DIEGO
U/A	6,185	8,371	21,516	6,283	CASE WESTERN RESERVE
8,866	U/A	22,217	12,774	11,454	CHICAGO
42,323	18,395	21,259	16,104	4,666	CINCINNATI
18,294	27,881	41,467	20,728	4,331	COLUMBIA
7,171	12,622	15,878	18,139	1,610	CONNECTICUT
15,726	39,144	49,523	8,244	5,967	CORNELL
U/A	20,131	25,130	5,246	11,948	DARTMOUTH
25,514	16,789	23,467	18,662	2,329	DUKE
31,736	10,046	11,415	23,929	6,295	EMORY
18,665	35,331	61,224	17,856	6,189	FLORIDA
521	1,535	1,564	0	218	FLORIDA STATE
25,221	15,266	18,045	2,611	1,892	GEORGE WASHINGTON
9,772	16,225	19,060	1,421	1,457	GEORGETOWN
498	U/A	454,604	18,460	3,099	HARVARD
18,175	14,115	16,210	1,750	901	HOWARD
34,923	32,402	131,019	34,168	12,444	ILLINOIS, CHICAGO
12,714	128,100	154,987	26,269	32,643	INDIANA
19,406	U/A	44,123	30,789	8,842	IOWA
15,405	16,934	26,787	14,137	19,963	JOHNS HOPKINS
6,584	11,605	U/A	13,905	5,246	KANSAS
12,832	24,717	31,762	13,640	9,403	KENTUCKY
16,523	U/A	32,566	15,751	4,419	LOUISVILLE
30,900	13,749	20,517	5,423	3,971	MCGILL
20,400	25,817	29,557	10,961	6,591	MCMASTER
50,010	5,445	9,695	24,198	4,216	MIAMI
25,845	45,434	56,083	25,634	7,495	MICHIGAN
47,281	25,479	33,168	71,918	3,238	MINNESOTA
14,548	U/A	64,897	14,732	2,040	MONTREAL
16,320	15,983	16,634	3,439	4,394	NEW MEXICO
46,473	22,425	25,075	11,233	11,276	NEW YORK
29,050	U/A	132,687	19,858	5,844	NORTH CAROLINA

U/A - Unavailable

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

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2002-03

TABLE 3: PERSONNEL AND PUBLIC SERVICES

(Survey Question #)		Professional Staff (FTE)	Support Staff (FTE)	Student Assistants (FTE)	Total Staff (FTE)	Library Presentations to Groups *	Participants in Group Presentations *
(28)	(29)	(30)	(31)	(32)	(33)		
INSTITUTION	Notes						
NORTHWESTERN	+	12	19	1	32	150	1,353
OHIO	+	4	5	5	14	24	1,009
OHIO STATE	BG+	20	17	7	44	101	3,840
OKLAHOMA STATE	Gb+	2	7	1	10	9	207
PENNSYLVANIA	+	12	16	17	45	159	3,600
PENNSYLVANIA STATE	+	4	14	1	19	63	917
PITTSBURGH	b+	27	36	6	69	349	4,783
QUEEN'S	Gb+	7	11	2	20	212	2,640
ROCHESTER	+	21	11	5	37	U/A	U/A
SASKATCHEWAN	+	3	6	2	11	183	2,515
SOUTH CAROLINA	Gb+	7	10	3	20	66	765
SOUTHERN CALIFORNIA	B+	15	21	10	46	127	1,517
SOUTHERN ILLINOIS	G+	5	17	0	22	79	422
SUNY-BUFFALO	+	20	9	12	41	164	2,462
SUNY-STONY BROOK	G+	20	12	6	38	892	4,224
TEMPLE	Bb+	9	14	7	30	40	877
TENNESSEE	b+	10	15	1	26	114	1,991
TEXAS TECH	B+	21	24	19	64	368	2,203
TULANE	G+	8	11	1	20	59	527
UTAH	+	12	20	12	44	348	4,916
VANDERBILT	+	25	23	2	50	306	5,744
VIRGINIA	+	16	27	1	44	521	4,623
WASHINGTON	Bb+	29	26	13	68	326	6,280
WASHINGTON U.-ST. LOUIS	b+	42	33	4	79	350	3,819
WISCONSIN	b+	22	27	15	64	606	3,114
YALE	+	18	18	4	40	181	2,274

SUMMARY DATA

High	44	46	24	79	892	6,280
Mean	15	19	7	40	213	2,564
Median	13	18	6	39	181	2,378
Low	1	2	1	4	9	183
Sum	955	1,228	406	2,589	13,235	158,950
Number of Libraries	65	65	57	65	62	62

+ - See Footnotes

U/A - Unavailable

B - Includes branch campuses

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

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2002-03

TABLE 3: PERSONNEL AND PUBLIC SERVICES

Reference Transactions *	Initial Circulation Transactions	Total Circulation Transactions	ILL/DD		(Survey Question #)
			Total Items Loaned	Total Items Loaned	
(34)	(35)	(36)	(37)	(38)	INSTITUTION
27,031	U/A	36,299	8,864	9,243	NORTHWESTERN
8,252	10,713	12,865	7,737	1,675	OHIO
23,384	33,508	36,683	21,522	11,110	OHIO STATE
2,400	4,975	6,082	2,970	752	OKLAHOMA STATE
31,000	11,572	14,186	10,871	14,221	PENNSYLVANIA
9,320	76,016	76,922	6,246	1,139	PENNSYLVANIA STATE
65,433	30,294	38,158	22,779	5,196	PITTSBURGH
7,536	22,066	23,958	6,452	5,936	QUEEN'S
8,413	7,033	10,012	5,532	6,259	ROCHESTER
7,767	31,719	39,765	6,550	9,867	SASKATCHEWAN
3,475	U/A	7,583	3,616	2,486	SOUTH CAROLINA
11,564	29,994	37,696	11,106	975	SOUTHERN CALIFORNIA
9,300	30,892	36,343	11,120	3,304	SOUTHERN ILLINOIS
20,718	56,955	66,970	17,068	2,164	SUNY-BUFFALO
13,759	9,180	12,866	10,836	1,118	SUNY-STONY BROOK
4,476	7,974	9,074	3,128	2,657	TEMPLE
10,916	10,693	12,927	10,604	3,367	TENNESSEE
38,303	30,826	159,158	10,393	5,008	TEXAS TECH
4,269	20,092	21,511	5,249	2,877	TULANE
79,550	24,588	25,956	18,119	4,553	UTAH
9,047	14,048	17,347	10,897	3,255	VANDERBILT
30,133	11,018	18,804	10,609	3,475	VIRGINIA
33,199	U/A	345,158	19,806	7,159	WASHINGTON
34,878	24,513	35,899	16,885	5,433	WASHINGTON U.-ST. LOUIS
U/A	64,480	77,281	22,578	9,838	WISCONSIN
18,835	26,823	U/A	10,615	4,393	YALE

SUMMARY DATA

79,550	128,100	454,604	71,918	32,643	High
20,957	24,857	49,525	15,247	5,966	Mean
17,349	22,066	29,557	12,411	4,666	Median
498	901	1,028	622	218	Low
1,299,361	1,367,134	3,120,080	975,780	387,802	Sum
62	55	63	64	65	Number of Libraries

U/A - Unavailable

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

RANK ORDER TABLE 1
VOLUMES IN LIBRARY

INSTITUTION		HSL VOLUMES	TOTAL VOLUMES	HSL % OF TOTAL	INSTITUTION		HSL VOLUMES	TOTAL VOLUMES	HSL % OF TOTAL
1	CHICAGO	734,054	6,977,186	10.52	34	CALIFORNIA, SAN DIEGO	232,453	2,953,024	7.87
2	HARVARD	707,824	15,181,349	4.66	35	ARIZONA	229,395	5,040,584	4.55
3	ILLINOIS, CHICAGO	703,020	2,198,873	31.97	36	EMORY	227,877	2,755,929	8.27
4	CALIFORNIA, LOS ANGELES	626,450	7,576,790	8.27	37	KENTUCKY	223,096	3,053,726	7.31
5	COLUMBIA	548,536	7,697,488	7.13	38	UTAH	214,972	3,128,547	6.87
6	MICHIGAN	536,501	7,800,389	6.88	39	VANDERBILT	213,120	2,882,057	7.39
7	MINNESOTA	469,348	6,200,669	7.57	40	NEW YORK	212,223	4,176,065	5.08
8	PITTSBURGH	455,267	4,420,970	10.30	41	OHIO STATE	211,043	5,674,784	3.72
9	YALE	438,394	11,114,308	3.94	42	MIAMI	210,792	2,460,025	8.57
10	JOHNS HOPKINS	425,702	3,572,375	11.92	43	SOUTHERN CALIFORNIA	208,647	3,800,702	5.49
11	CASE WESTERN RESERVE	403,069	2,292,265	17.58	44	CONNECTICUT	200,526	3,168,617	6.33
12	WASHINGTON	367,430	6,436,960	5.71	45	VIRGINIA	197,791	4,921,442	4.02
13	CALIFORNIA, DAVIS	350,403	3,365,689	10.41	46	PENNSYLVANIA	193,887	5,273,887	3.68
14	SUNY-BUFFALO	345,654	3,330,476	10.38	47	TENNESSEE	187,843	2,880,949	6.52
15	FLORIDA	343,074	4,021,629	8.53	48	KANSAS	178,612	3,980,589	4.49
16	MCGILL	339,240	3,431,305	9.89	49	SASKATCHEWAN	175,653	1,900,378	9.24
17	MONTREAL	331,864	3,249,313	10.21	50	CORNELL	175,637	7,120,301	2.47
18	IOWA	316,897	4,380,734	7.23	51	NEW MEXICO	174,135	2,556,267	6.81
19	NORTH CAROLINA	316,486	5,492,451	5.76	52	TULANE	163,659	2,370,959	6.90
20	WISCONSIN	305,849	7,232,850	4.23	53	MCMASTER	158,035	1,936,411	8.16
21	WASHINGTON U.-ST. LOUIS	295,516	3,608,538	8.19	54	SOUTHERN ILLINOIS	153,263	2,791,775	5.49
22	CINCINNATI	292,031	2,977,475	9.81	55	OHIO	146,772	2,468,497	5.95
23	TEXAS TECH	289,736	2,353,411	12.31	56	QUEEN'S	144,263	2,366,322	6.10
24	DUKE	285,190	5,360,303	5.32	57	BOSTON	138,130	2,346,194	5.89
25	CALIFORNIA, IRVINE	280,511	2,337,595	12.00	58	GEORGETOWN	136,599	2,350,046	5.81
26	SUNY-STONY BROOK	277,013	2,170,661	12.76	59	TEMPLE	132,811	2,900,832	4.58
27	NORTHWESTERN	272,679	4,315,314	6.32	60	GEORGE WASHINGTON	130,102	2,104,962	6.18
28	HOWARD	266,793	2,507,347	10.64	61	PENNSYLVANIA STATE	107,961	4,779,165	2.26
29	INDIANA	259,577	6,647,355	3.90	62	SOUTH CAROLINA	102,870	3,374,496	3.05
30	DARTMOUTH	255,677	2,405,905	10.63	63	OKLAHOMA STATE	56,648	2,470,138	2.29
31	ROCHESTER	248,134	3,185,231	7.79	64	ALABAMA	18,289	2,416,452	0.76
32	ALBERTA	237,308	5,924,003	4.01	65	FLORIDA STATE	7,911	2,620,296	0.30
33	LOUISVILLE	232,559	1,900,774	12.23					

RANK ORDER TABLE 2
VOLUMES ADDED (GROSS)

INSTITUTION		HSL VOLUMES	TOTAL VOLUMES	HSL % OF TOTAL	INSTITUTION		HSL VOLUMES	TOTAL VOLUMES	HSL % OF TOTAL
1	CALIFORNIA, LOS ANGELES	13,116	145,519	9.01	34	UTAH	4,932	148,901	3.31
2	HARVARD	13,072	288,584	4.53	35	MIAMI	4,922	74,329	6.62
3	DUKE	12,567	131,051	9.59	36	CASE WESTERN RESERVE	4,836	59,740	8.10
4	CALIFORNIA, IRVINE	11,976	99,801	12.00	37	SASKATCHEWAN	4,749	60,017	7.91
5	ILLINOIS, CHICAGO	10,491	42,834	24.49	38	KENTUCKY	4,631	72,494	6.39
6	CHICAGO	9,907	157,403	6.29	39	MCGILL	4,587	96,442	4.76
7	NEW YORK	9,246	132,417	6.98	40	CONNECTICUT	4,511	75,422	5.98
8	PITTSBURGH	8,480	91,597	9.26	41	ALBERTA	4,499	163,105	2.76
9	PENNSYLVANIA	8,479	127,332	6.66	42	CORNELL	4,130	188,278	2.19
10	INDIANA	8,074	141,685	5.70	43	NORTHWESTERN	3,785	111,660	3.39
11	TEXAS TECH	7,819	54,425	14.37	44	WASHINGTON U.-ST. LOUIS	3,600	67,079	5.37
12	CALIFORNIA, SAN DIEGO	7,714	80,789	9.55	45	BOSTON	3,264	62,967	5.18
13	DARTMOUTH	7,694	49,230	15.63	46	PENNSYLVANIA STATE	3,193	98,771	3.23
14	MINNESOTA	7,339	117,177	6.26	47	MCMASTER	3,146	30,001	10.49
15	FLORIDA	7,272	91,492	7.95	48	VANDERBILT	3,095	149,531	2.07
16	CALIFORNIA, DAVIS	7,137	58,783	12.14	49	QUEEN'S	2,697	43,538	6.19
17	MICHIGAN	6,911	173,081	3.99	50	KANSAS	2,683	77,732	3.45
18	OHIO STATE	6,800	106,945	6.36	51	SOUTH CAROLINA	2,613	43,633	5.99
19	WASHINGTON	6,767	164,617	4.11	52	SOUTHERN ILLINOIS	2,289	51,996	4.40
20	MONTREAL	6,417	60,585	10.59	53	TULANE	2,258	49,366	4.57
21	SOUTHERN CALIFORNIA	6,383	78,099	8.17	54	GEORGE WASHINGTON	2,254	47,668	4.73
22	LOUISVILLE	6,370	75,008	8.49	55	VIRGINIA	1,896	80,150	2.37
23	COLUMBIA	6,180	152,388	4.06	56	TEMPLE	1,723	44,272	3.89
24	JOHNS HOPKINS	6,161	71,171	8.66	57	OHIO	1,382	64,384	2.15
25	NORTH CAROLINA	6,005	133,945	4.48	58	NEW MEXICO	1,286	92,534	1.39
26	GEORGETOWN	5,545	71,046	7.80	59	SUNY-STONY BROOK	1,186	34,295	3.46
27	YALE	5,516	217,881	2.53	60	ALABAMA	1,100	50,101	2.20
28	ROCHESTER	5,452	38,076	14.32	61	WISCONSIN	1,047	114,047	0.92
29	SUNY-BUFFALO	5,328	59,164	9.01	62	TENNESSEE	970	77,853	1.25
30	CINCINNATI	5,278	120,010	4.40	63	OKLAHOMA STATE	754	68,190	1.11
31	IOWA	5,216	133,977	3.89	64	FLORIDA STATE	569	49,100	1.16
32	EMORY	5,151	60,852	8.46	65	HOWARD	146	41,647	0.35
33	ARIZONA	5,024	128,484	3.91					

RANK ORDER TABLE 3
CURRENT SERIALS (TOTAL)

INSTITUTION	HSL SERIALS	TOTAL SERIALS	HSL % OF TOTAL	INSTITUTION	HSL SERIALS	TOTAL SERIALS	HSL % OF TOTAL		
1	CASE WESTERN RESERVE	7,733	19,227	40.22	34	HARVARD	2,771	103,638	2.67
2	CINCINNATI	6,133	36,511	16.80	35	PENNSYLVANIA	2,723	38,474	7.08
3	NEW YORK	6,100	44,066	13.84	36	DARTMOUTH	2,667	26,466	10.08
4	PENNSYLVANIA STATE	5,967	45,917	13.00	37	MCGILL	2,659	22,882	11.62
5	OHIO STATE	5,508	43,199	12.75	38	MINNESOTA	2,628	36,900	7.12
6	JOHNS HOPKINS	5,431	34,527	15.73	39	NORTHWESTERN	2,540	39,310	6.46
7	TEXAS TECH	5,318	33,688	15.79	40	UTAH	2,438	36,883	6.61
8	CALIFORNIA, SAN DIEGO	5,254	29,736	17.67	41	IOWA	2,300	49,763	4.62
9	ARIZONA	5,127	35,046	14.63	42	SOUTH CAROLINA	2,285	22,844	10.00
10	YALE	5,035	61,649	8.17	43	FLORIDA	2,275	25,342	8.98
11	PITTSBURGH	4,949	46,552	10.63	44	WASHINGTON U.-ST. LOUIS	2,247	43,453	5.17
12	LOUISVILLE	4,903	23,306	21.04	45	SUNY-BUFFALO	2,209	32,796	6.74
13	CHICAGO	4,767	41,268	11.55	46	ALBERTA	2,173	39,141	5.55
14	MICHIGAN	4,546	74,664	6.09	47	INDIANA	2,078	59,439	3.50
15	CALIFORNIA, LOS ANGELES	4,519	79,283	5.70	48	NEW MEXICO	2,059	15,925	12.93
16	COLUMBIA	4,416	56,974	7.75	49	SASKATCHEWAN	1,983	15,423	12.86
17	DUKE	4,268	38,112	11.20	50	KENTUCKY	1,920	28,286	6.79
18	VANDERBILT	4,140	29,173	14.19	51	WASHINGTON	1,819	48,740	3.73
19	NORTH CAROLINA	4,059	50,640	8.02	52	MIAMI	1,788	21,326	8.38
20	MONTREAL	3,918	29,801	13.15	53	EMORY	1,667	37,862	4.40
21	ROCHESTER	3,794	22,498	16.86	54	TEMPLE	1,590	20,980	7.58
22	SOUTHERN CALIFORNIA	3,675	30,335	12.11	55	GEORGETOWN	1,532	26,517	5.78
23	VIRGINIA	3,468	53,015	6.54	56	TULANE	1,503	15,499	9.70
24	CALIFORNIA, IRVINE	3,423	28,523	12.00	57	CONNECTICUT	1,497	42,059	3.56
25	KANSAS	3,206	36,007	8.90	58	TENNESSEE	1,497	23,260	6.44
26	SUNY-STONY BROOK	3,023	19,646	15.39	59	SOUTHERN ILLINOIS	1,178	26,430	4.46
27	CORNELL	3,016	61,814	4.88	60	GEORGE WASHINGTON	1,103	15,194	7.26
28	BOSTON	3,013	30,067	10.02	61	HOWARD	1,089	12,216	8.91
29	WISCONSIN	3,012	58,439	5.15	62	QUEEN'S	802	17,553	4.57
30	MCMASTER	3,007	19,351	15.54	63	FLORIDA STATE	583	21,598	2.70
31	OHIO	2,998	25,471	11.77	64	OKLAHOMA STATE	459	23,806	1.93
32	ILLINOIS, CHICAGO	2,843	25,483	11.16	65	ALABAMA	454	23,453	1.94
33	CALIFORNIA, DAVIS	2,805	48,538	5.78					

RANK ORDER TABLE 4
TOTAL LIBRARY EXPENDITURES

INSTITUTION		HSL Exp.	TOTAL Exp.	HSL % OF TOTAL	INSTITUTION		HSL Exp.	TOTAL Exp.	HSL % OF TOTAL
1	WASHINGTON U.-ST. LOUIS	10,336,711	29,034,275	35.60	34	SUNY-STONY BROOK	3,074,518	12,622,268	24.36
2	HARVARD	6,228,165	99,746,303	6.24	35	CHICAGO	3,020,944	25,862,601	11.68
3	PITTSBURGH	5,851,526	25,641,654	22.82	36	CONNECTICUT	3,015,440	19,427,898	15.52
4	JOHNS HOPKINS	5,797,564	28,109,777	20.62	37	IOWA	3,005,399	23,164,534	12.97
5	CALIFORNIA, LOS ANGELES	5,729,615	40,044,840	14.31	38	NORTHWESTERN	2,998,915	24,611,853	12.18
6	NORTH CAROLINA	5,358,770	28,662,816	18.70	39	SUNY-BUFFALO	2,972,084	18,299,716	16.24
7	MINNESOTA	5,210,026	31,413,131	16.59	40	MIAMI	2,951,669	18,779,139	15.72
8	NEW YORK	4,661,064	34,451,768	13.53	41	LOUISVILLE	2,782,429	16,926,028	16.44
9	ILLINOIS, CHICAGO	4,649,767	16,120,272	28.84	42	TENNESSEE	2,574,246	20,907,531	12.31
10	GEORGE WASHINGTON	4,590,250	21,783,192	21.07	43	CASE WESTERN RESERVE	2,521,652	12,755,480	19.77
11	SOUTHERN CALIFORNIA	4,448,626	30,933,047	14.38	44	CALIFORNIA, IRVINE	2,410,232	20,085,270	12.00
12	NEW MEXICO	4,359,648	18,425,579	23.66	45	MONTREAL	2,366,737	16,659,072	14.21
13	VANDERBILT	4,341,625	19,030,188	22.81	46	BOSTON	2,274,583	17,351,457	13.11
14	FLORIDA	4,112,745	26,119,518	15.75	47	GEORGETOWN	2,249,304	20,291,615	11.08
15	WASHINGTON	4,059,828	28,464,332	14.26	48	CALIFORNIA, DAVIS	2,240,893	17,828,690	12.57
16	TEXAS TECH	3,986,931	17,653,897	22.58	49	TEMPLE	2,229,372	14,031,180	15.89
17	COLUMBIA	3,884,486	41,507,277	9.36	50	DARTMOUTH	2,154,751	16,047,493	13.43
18	DUKE	3,883,441	32,315,593	12.02	51	TULANE	1,954,242	13,188,979	14.82
19	WISCONSIN	3,823,126	39,281,520	9.73	52	PENNSYLVANIA STATE	1,932,792	41,819,383	4.62
20	VIRGINIA	3,816,576	26,867,504	14.21	53	HOWARD	1,913,897	10,546,379	18.15
21	INDIANA	3,750,172	31,030,300	12.09	54	KANSAS	1,880,144	18,682,568	10.06
22	PENNSYLVANIA	3,654,975	30,744,202	11.89	55	MCMASTER	1,838,147	9,544,732	19.26
23	CORNELL	3,586,825	39,759,708	9.02	56	MCGILL	1,669,688	19,004,669	8.79
24	UTAH	3,560,715	21,991,323	16.19	57	SOUTHERN ILLINOIS	1,538,411	13,947,156	11.03
25	CALIFORNIA, SAN DIEGO	3,560,250	25,699,825	13.85	58	ALBERTA	1,535,193	20,032,194	7.66
26	MICHIGAN	3,538,570	48,193,379	7.34	59	QUEEN'S	1,398,188	11,443,000	12.22
27	YALE	3,503,426	56,500,431	6.20	60	SOUTH CAROLINA	1,222,247	16,122,269	7.58
28	ARIZONA	3,465,823	25,656,448	13.51	61	OHIO	966,558	11,998,414	8.06
29	CINCINNATI	3,426,817	19,425,518	17.64	62	SASKATCHEWAN	882,052	9,278,132	9.51
30	EMORY	3,369,819	27,040,029	12.46	63	OKLAHOMA STATE	720,066	11,046,332	6.52
31	ROCHESTER	3,226,786	15,494,166	20.83	64	FLORIDA STATE	595,044	14,017,488	4.25
32	OHIO STATE	3,105,576	27,045,276	11.48	65	ALABAMA	244,913	12,802,606	1.91
33	KENTUCKY	3,075,455	20,261,308	15.18					

RANK ORDER TABLE 5
TOTAL STAFF

INSTITUTION	HSL STAFF	TOTAL STAFF	HSL % OF TOTAL	INSTITUTION	HSL STAFF	TOTAL STAFF	HSL % OF TOTAL
1 WASHINGTON U.-ST. LOUIS	79	289	27.34	32 MONTREAL	39	369	10.57
2 ILLINOIS, CHICAGO	75	242	30.99	35 SUNY-STONY BROOK	38	162	23.46
3 CALIFORNIA, LOS ANGELES	73	576	12.67	36 GEORGE WASHINGTON	37	260	14.23
3 JOHNS HOPKINS	73	330	22.12	36 ROCHESTER	37	207	17.87
5 PITTSBURGH	69	360	19.17	38 CALIFORNIA, SAN DIEGO	36	351	10.26
6 WASHINGTON	68	483	14.08	39 IOWA	35	295	11.86
7 FLORIDA	67	395	16.96	40 CALIFORNIA, IRVINE	33	269	12.27
7 NEW MEXICO	67	299	22.41	40 CORNELL	33	581	5.68
9 NORTH CAROLINA	65	412	15.78	42 MCMASTER	32	160	20.00
10 HARVARD	64	1,300	4.92	42 NORTHWESTERN	32	343	9.33
10 TEXAS TECH	64	286	22.38	44 CASE WESTERN RESERVE	30	149	20.13
10 WISCONSIN	64	604	10.60	44 CONNECTICUT	30	226	13.27
13 MINNESOTA	60	405	14.81	44 TEMPLE	30	209	14.35
14 NEW YORK	56	424	13.21	47 BOSTON	29	323	8.98
15 ARIZONA	51	354	14.41	48 KANSAS	28	308	9.09
16 VANDERBILT	50	265	18.87	48 LOUISVILLE	28	182	15.38
17 CALIFORNIA, DAVIS	48	297	16.16	48 MCGILL	28	279	10.04
17 DARTMOUTH	48	242	19.83	51 HOWARD	26	178	14.61
17 MICHIGAN	48	621	7.73	51 TENNESSEE	26	298	8.72
20 SOUTHERN CALIFORNIA	46	352	13.07	53 GEORGETOWN	25	253	9.88
21 PENNSYLVANIA	45	412	10.92	54 SOUTHERN ILLINOIS	22	220	10.00
22 CINCINNATI	44	244	18.03	55 ALBERTA	21	334	6.29
22 OHIO STATE	44	405	10.86	56 QUEEN'S	20	177	11.30
22 UTAH	44	350	12.57	56 SOUTH CAROLINA	20	294	6.80
22 VIRGINIA	44	354	12.43	56 TULANE	20	194	10.31
26 COLUMBIA	43	521	8.25	59 PENNSYLVANIA STATE	19	651	2.92
27 KENTUCKY	42	300	14.00	60 OHIO	14	194	7.22
28 EMORY	41	300	13.67	61 SASKATCHEWAN	11	165	6.67
28 SUNY-BUFFALO	41	251	16.33	62 OKLAHOMA STATE	10	201	4.98
30 DUKE	40	348	11.49	63 CHICAGO	9	313	2.88
30 YALE	40	660	6.06	64 FLORIDA STATE	6	273	2.20
32 INDIANA	39	449	8.69	65 ALABAMA	4	195	2.05
32 MIAMI	39	277	14.08				

FOOTNOTES TO THE ARL ACADEMIC HEALTH SCIENCES LIBRARY STATISTICS 2002-03

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

INSTITUTION	QUESTION NUMBER	NOTE
ALABAMA		All figures are as of September 30, 2003.
	2a	Figure reflects nursing materials transferred on campus to Rodgers Library for Science & Engineering.
	26	Includes bibliographic utilities, memberships, and literature searching.
ALBERTA		All figures are as of March 31, 2003. The basis of volume count is an estimate.
	3	Negative figure due to a large de-selection project. Volumes were moved to off-campus depository.
	4	Past figures were inaccurately reported. Precise number of monographs purchased from 2000-01 onward are unavailable; all volumes purchased are included in gross volumes added (2).
	5-7	Includes government documents.
	16-27	Expenditures as reported in Canadian dollars: (16) \$231,789; (17) \$1,060,736; (18) \$0; (19) \$0; (20) \$1,292,525; (21) \$21,047; (22) \$526,992; (23) \$397,493; (24) \$80,438; (25) \$1,004,923; (26) U/A; (27) \$2,318,495.
	17	Some items in (5) were purchased from central University Library funds for system-wide consortial/package deals and so cannot be distinguished.
	28	Figure rounded from 6.9.
	30	Figure rounded from 5.4.
	31	Figure rounded from 20.9.
	ARIZONA	9
19		Memberships for purposes of publications cannot be separated out. Expenditure listed is for 1/2 the cost for membership in "Community of Science" (no library materials included); the Main library paid for the other half.
28		Includes one 0.07 FTE temporary Project Specific Librarian position.
29		Includes one 0.50 FTE temporary Classified Staff position.
CALIFORNIA, DAVIS		Includes UCD Medical Center library.
	3	Decrease due to shifting acquisition toward electronic content.
	17, 20	Decrease due to large credits received from subscriptions and the decision not to prepay serials for 2003-04.
	18	Increase due to costs for databases that were previously reported as serials.
	19	Increase due to a new ILS system that will not allow tax and postage to be charged to the cost of the material being purchased.
	32	2001-02 figure included one to one interactions that are now reported as reference transactions.
	33	Decrease due to librarians participating in fewer faculty-sponsored seminars.
CALIFORNIA, SAN DIEGO		Includes UCSD Medical Center library.
	2a	Includes 27,713 Biomedical library items withdrawn as a result of an annex project.
	5	Includes 1,803 serial titles with internet access. Large decrease due to past inclusion of all titles with internet access, this year limited to all Biomedical titles with internet access.
	6	Includes 946 serial titles with internet access. Large decrease due to past inclusion of all titles with internet access, this year limited to all Biomedical titles with internet access.
	17	Includes monographic and publishers' series. Includes all formats. Includes electronic databases subscribed to annually.
CASE WESTERN RESERVE	6	Includes electronic journals also reported in the Main library statistics.

INSTITUTION	QUESTION NUMBER	NOTE
	17	Includes some bundled electronic journal costs.
	34	Major renovation interfered with normal service.
CHICAGO		John Crerar Library is a central science library with a biomedical collection for health sciences. Many numbers are percentages as a result. Data for the ARL survey is matched as closely as possible to data compiled and reported for the Association of Academic Health Sciences Libraries' (AAHSL) Annual Statistics of Medical School Libraries in the United States and Canada.
	2	Decrease due to a decrease in periodical binding. Also, 2001-02 figure may contain an error that inflated the count.
	5-7	Includes an estimated number of purchased e-journals.
	16, 17	Excludes e-book and e-journal expenditures.
	18	Figure reflects expenditures for electronic resources.
	22-25, 28-31	Figures reflect salaries, wages and benefits for percentage of staff assigned to biomedical responsibilities. Previous years' data were salaries for all science library staff.
	36	Includes external print reserve circulations.
CINCINNATI		Includes the Cincinnati Medical Heritage Center and the Nursing library.
COLUMBIA	17	Budget restraints have required subscription cancellations.
	18, 19	Included in monograph expenditures (16).
	26	Decrease due partly to the re-designation of some equipment purchases to other than library use, and the reduction of copier service contracts and photocopy center expenses.
	22-25, 28-31	Changes due to the restructuring of the information technology staff and the conversion of student assistant FTE to support staff.
	34	Last year directional questions were counted in reference transactions.
CORNELL		Excludes data from Weill Cornell Medical College-Qatar.
	4	Figure represents titles, not volumes.
	26	Includes capital expenditures.
DARTMOUTH	17, 18	In 2002-03, digital serials expenditures moved from (18) to (17).
DUKE	2	Increase due to barcoding of History of Medicine journals.
	2a	Decrease due to less withdrawals of volumes during the year.
	3, 4, 18, 24, 30	Decreases due to budget cuts.
	13, 14	Decrease due to major weeding because of age and more accurate information from DRA report.
EMORY		Includes Grady Branch Library and Hospital Branch Library.
	27	Expenditures decreased due to budget cut in Medical/Health Sciences School.
	33	2001-02 figure was misreported; revised to 1,642.
FLORIDA		Includes Health Sciences Center Library, Veterinary Medical Library, and HSC Branch in Jacksonville, FL.
FLORIDA STATE		The FSU Medical Library opened for patron use on March 25, 2002. This is a new library and is currently in the process of building its holdings.
GEORGE WASHINGTON		Volumes held June 30, 2002 revised to 128,905 to reflect numbers reported in new SIRSI report.
	5	Excludes 203 standing orders included in 2001-02.
	6	Mistakenly reported number of donors in 2001-02 instead of number of titles donated.
GEORGETOWN		Volumes held June 30, 2002 revised to 133,524.

INSTITUTION	QUESTION NUMBER	NOTE
HARVARD	23, 29 34 38	Figures reflect salaries and FTE for both support and casual staff. Number of reference transactions per typical week. Decrease due to implementation of fee-based borrowing.
ILLINOIS, CHICAGO	2a, 3 11 14 16, 18, 26, 27 24 37, 38	Withdrawals doubled over the previous year, resulting in fewer net volumes added. A more accurate inventory resulted in a small drop in linear feet. Increased withdrawals (combined with an error in reporting in previous years) resulted in a significant drop in audio items reported. Decreases are the result of a budget cut and mid-year rescission. Staffing cuts for student assistants reflect an attempt to protect collections and permanent staff from the impact of budget cuts. Expanded local and statewide access to e-resources has reduced reliance on interlibrary loan. Also, prices increased (to the NLM maximum fee) during this period.
IOWA	18	Decrease due to more accurate classification of materials within the LMS.
JOHNS HOPKINS		Includes Lilienfeld Library at School of Public Health and Harrison Library at Bayview Medical Center.
KENTUCKY	5-7 19	Includes the Medical Center only, not campus libraries. Includes expenditures for Solinet and Electronic Resources.
LOUISVILLE		Includes the Health Sciences Campus and the University Hospital Library.
McGILL		All figures are as of May 31, 2002. 4, 16 Includes all numbered monograph series. 16-27 Expenditures as reported in Canadian dollars: (16) \$168,330; (17) \$1,246,666; (18) U/A; (19) 0; (20) \$1,414,996; (21) \$40,518; (22) \$362,754; (23) \$518,146; (24) \$59,495; (25) \$940,395; (26) \$125,704; (27) \$2,521,613. 18 Cannot disaggregate from other categories.
McMASTER		Changes due to large weeding project in 2001-02. 4 Decrease due to other staffing priorities. 16-27 Expenditures as reported in Canadian dollars: (16) \$235,614; (17) \$1,148,373; (18) \$0; (19) \$10,100; (20) \$1,394,087; (21) \$33,127; (22) \$473,760; (23) \$644,093; (24) \$31,254; (25) \$1,149,107; (26) \$199,703; (27) \$2,776,024. 18 \$1,647 that was included here in 2001-02 moved to (19). 19 Includes legacy archive e-journal, membership to Biomed Central, open links to electronic journals. 35, 36 Decreases due to increase in electronic access.
MIAMI		All figures are as of May 31, 2003. 13-15 Audio-visual materials (graphic, audio, film, video) cannot be disaggregated and are reported in (15). 5-7 Includes print serials only.
MICHIGAN		Includes Public Health and Dentistry libraries. Volumes held June 30, 2002 revised to 529,965.
MINNESOTA		Excludes University of Minnesota at Duluth. 2a Withdrawals reflect activity following conversion to new system. 17, 19 Increase in (17) partly reflects expenses previously counted in (19).
MONTREAL		All figures are as of May 31, 2003 and include the Bibliothèque Paramédicale (Nursing library). Decreases from 2001-02 levels in many figures can be

INSTITUTION	QUESTION NUMBER	NOTE
		explained by an eleven-week strike of the librarians and support staff at the Université de Montréal.
	5, 7	New electronic serials acquired as part of aggregated packages are counted here.
	16-27	Expenditures as reported in Canadian dollars: (16) \$104,648; (17) \$2,097,820; (18) \$3,251; (19) \$0; (20) \$2,205,719; (21) \$14,520; (22) \$541,998; (23) \$756,540; (24) \$0; (25) \$1,298,538; (26) \$55,540; (27) \$3,574,317.
NEW MEXICO		The UNM Health Sciences Library and Infomatics Center is a separately funded and administered library located on the UNM campus.
NEW YORK		All figures are as of August 31, 2003 and include Ehrman Medical Library, Sterling Forest Library and College of Dentistry Library.
NORTH CAROLINA	2a, 3	Changes reflect major weeding project completed in 2001-02.
	5-7	Increase reflects more accurate counts as per ARL instructions regarding electronic serials.
NORTHWESTERN		All figures are as of August 31, 2002.
OHIO	4	Figure reflects titles purchased.
	6	Figure represents periodical titles received through OhioLINK's Electronic Journal Center.
	10	2001-02 figure incorrectly included some electronic journals.
	22	One professional staff position was vacant during this time period.
	38	Figure represents a partial number only, as the Health Sciences Library cannot be extracted from the total received.
OHIO STATE		Includes the University Hospitals East Library, and the Children's Hospital Library in Columbus, OH. Items in storage are no longer included in totals.
OKLAHOMA STATE	11	2001-02 figure was incorrect. Revised figure unavailable.
	22, 25, 27	Decreases compared with 2001-02 figures reflect a change in the administration of the Center for Health Sciences Library, with that facility now reporting to the Director of the OSU-Tulsa Library.
	32, 33	While the number of group presentations was somewhat lower in 2002-03, the total number of students receiving instruction increased.
	34	Decrease may be due in part to an increase in the number of medical-related databases available, as well as the increased number of students who received instruction in library use.
PENNSYLVANIA STATE	5	Includes all journal subscriptions; print, electronic, and duplicates.
	35, 36	Decreases due to increased electronic access.
PITTSBURGH		Includes Falk Library of the Health Sciences, Western Psychiatric Institute and Clinic Library, the Libraries at UPMC Shadyside, and the Patient/Family Education Center of the University of Pittsburgh Cancer Institute.
QUEEN'S		All figures are as of April 30, 2003.
	4	Figure reflects purchased volumes received.
	5-7	Figures represent a title count.
	5	Figure does not include electronic serials, as they have not been disaggregated by unit.
	16-27	Expenditures are reported in Canadian dollars: (16) \$144,096; (17) \$1,190,905; (18) U/A; (19) U/A; (20) \$1,335,001; (21) \$19,929; (22) \$288,610; (23) \$318,961; (24) \$42,404; (25) \$649,975; (26) \$106,681; (27) \$2,111,586.
	18	Includes expenditures for microforms.
ROCHESTER		Figures include data for Basil G. Bibby Library, an academic dental library serving primarily the faculty, residents, and staff of the University of Rochester's

INSTITUTION	QUESTION NUMBER	NOTE
		Eastman Dental Center, Eastman Department of Dentistry, and Center for Oral Biology; and Genesee Hospital's Department of Dentistry. Volumes held June 30, 2002 revised to 243,177; volumes held June 30, 2001 revised to 238,241.
	5, 6	Unable to disaggregate free vs. purchased serials.
	8, 9	After weeding, any remaining microform units and government documents were permanently relocated to university central library repository.
	10	Consolidated and weeded educational software titles.
	18	Initiated subscription to MD Consult, an online database to meet the clinical content needs of physicians and other health care professionals.
	26	Includes expenses for regular replacements of classroom and instructional computing desktops, as well as new investments in wireless infrastructure.
	35, 36	Figures reflect decreased interest by users in print materials.
	37	Loans are no longer made to libraries that don't participate in EFTS or IFM e-billing.
SASKATCHEWAN		All figures are as of April 30, 2003.
	16-27	Expenditures as reported in Canadian dollars: (16) \$132,506; (17) \$756,411; (18) U/A; (19) U/A; (20) \$888,917; (21) \$21,309; (22) \$166,688; (23) \$203,920; (24) \$51,267; (25) \$421,875; (26) U/A; (27) \$1,332,101.
	18	Included in monograph expenditures (16).
SOUTHERN CALIFORNIA		Includes Medical library on the Health Sciences Campus, and the Dental library on the Main Campus.
SUNY-BUFFALO	12-15	Figures are estimated.
	32-34	Data is based on sampling.
TEMPLE		Includes Health Sciences Center Library South and the Temple University School of Podiatric Medicine, Charles E. Krausz Library. Libraries migrated to new database system in 1998-99; as a result, volume count is now bibliographic.
	2a	Figure reflects library weeding project of older materials conducted at Health Sciences Center Library South.
	5	Increase due to the fact that 2001-02 figure did not include annual serial subscriptions.
	6	Increase due to the ability to generate a report that isolated "serials not purchased."
TEXAS TECH		All figures are as of August 31, 2002 and include Harrington Library, TTUHSC/Amarillo; Montes-Gallo Library of the Health Sciences, TTUHSC/El Paso; and the Library of the Health Sciences, TTUHSC/Odessa.
	19	Includes: AMIGOS E-Reserve (\$5,203), AMIGOS OCLC (\$17,827), Computer Equipment (\$8,044), Computer Software (\$582), Cybertools (\$25,160), ISI (\$3,435), Micromedex (\$72,519), Reference Update (\$8,311).
UTAH	28, 29	Special projects/grants included in total.
	37	2001-02 figure revised to 21,431.
VIRGINIA	5-7	Includes monographic series.
	22-25	Includes fringe benefits.
WASHINGTON		Figures include Social Work Library, National Network Regional Medical Library, branch campus at KK Sherwood, and the Harborview Medical Center.
	28	Includes 10 FTE RML staff.
	29	Includes 3 FTE RML staff.
	30	Includes 2 FTE RML students.
WASHINGTON U.-St. LOUIS	17, 19	Moved electronic journal expenditures from (19) to (17).
	22-25, 31	Includes Telecommunications staff paid from the library budget, who report to the Director of the Medical Library.

INSTITUTION	QUESTION NUMBER	NOTE
WISCONSIN	26	Includes \$830,796 of fringe benefits.
		Includes W.S. Middleton Health Sciences Library, F.L. Weston Library and F.B. Power Library.
	1, 21	Figures reflect merging and binding of collections.
	2a	Pharmacy Library moved to a new location; significant number of volumes de-accessioned to reflect merger and move.
YALE	19	2001-02 figure was underreported; revised to \$272,370. Current figure reflects increased expenditure for bibliographic utilities.
		Excludes EPH Library.
	4	Includes 17 e-books.
	5	Includes 2,128 e-journals for the first time.
6	Includes 543 e-journals for the first time.	

ARL ACADEMIC HEALTH SCIENCES LIBRARY

STATISTICS QUESTIONNAIRE, 2002-03

Please do not leave any lines blank. If an exact figure is unavailable, use “-1” (that is, “U/A”). If the appropriate answer is zero or none, use “0.”

Definitions of the statistical categories used in this questionnaire can be found in *Library Statistics, ANSI/NISO Z39.7-1995*. (Bethesda, MD: NISO Press, 1997.) Also, see: <<http://www.techstreet.com/cgi-bin/pdf/free/152592/z39-7.pdf>>. However, *ANSI/NISO Z39.7-1995* does not address issues related to electronic resources. ANSI/NISO Z39.7-1995 has undergone a recent revision and *NISO Z39.7-2002 Draft Standard for Trial Use* is now available <<http://www.niso.org/emetrics/>>. ARL has gradually modified the interpretation of the standard definitions to accommodate electronic resources based on conventions described in the *ARL Statistics Q&A* at <<http://www.arl.org/stats/arlstat/arlstatqa.html>>. These conventions have been established through discussions within the ARL Statistics and Measurement Committee and with the ARL Survey Coordinators who fill in these surveys on an annual basis.

Reporting Institution _____ Date Returned to ARL _____

Report Prepared by (name) _____

Title _____

Email address _____ Phone number _____

Contact person (if different) _____

Title _____

Email address _____ Phone number _____

COLLECTIONS

Volumes in Library: (*See instruction Q1-4.*)

- 1a. Volumes held June 30, 2002.
(Exclude microforms, uncataloged govt. docs., maps, a/v material.
Record figure reported last year or footnote adjusted figure on p. 4.) _____
- 2. Volumes added during year -- Gross. (*See instruction Q2.*)
(Exclude microforms, uncataloged govt. docs., maps, a/v material.) _____
- 2a. Volumes withdrawn during year.
(Exclude microforms, uncataloged govt. docs., maps, a/v material.) _____
- 3. Volumes added during year -- Net. (Subtract line 2a from line 2.) _____
- 1. Volumes held June 30, 2003. (Add line 1a to line 3.) _____
- 4. Number of monographic volumes purchased. (*See instruction Q4.*)
(Volumes for which expenditures are reported on line 16. Footnote if titles.) _____

Serials: (*See instruction Q5-7.*)

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

Other Library Materials: Total number of pieces held June 30, 2003:

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

Audiovisual materials:

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

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

Library Materials:

- 16. Monographs. (Expenditures for volumes reported on line 4.) (See instruction Q16.) _____
- 17. Current serials including periodicals. (See instruction Q17.) _____
- 18. Other library materials (e.g., microforms, a/v, etc.). (See instruction Q18.) _____
- 19. Miscellaneous. (All materials fund expenditures not included above.) (See instruction Q19.) _____
- 20. Total library materials. (Add lines 16, 17, 18, 19.) _____
- 21. **Contract binding:** (See instruction Q21.) _____

Salaries and Wages: (See instruction Q22-25.)

- 22. Professional staff. _____
- 23. Support staff. _____
- 24. Student assistants. (See instruction Q24-25.) _____
- 25. Total salaries and wages. (Add lines 22, 23, 24.) _____
- 26. **Other operating expenditures:** (See instruction Q26.) _____
- 27. **Total library expenditures:** (Add lines 20, 21, 25, 26.) _____

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

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

INSTRUCTION (See instruction Q32-33.)

32. Number of library presentations to groups. (See instruction Q32.) _____
- Figure based on sampling? _____ Yes. _____ No.
33. Number of total participants in group presentations reported on line 32.
(See instruction Q33.) _____
- Figure based on sampling? _____ Yes. _____ No.

REFERENCE

34. Number of reference transactions. (See instruction Q34.) _____
- Figure based on sampling? _____ Yes. _____ No.

CIRCULATION (See instruction Q35-37.)

35. Number of initial circulations (excluding reserves). _____
36. Total circulations (initial and renewals, excluding reserves). _____

INTERLIBRARY LOANS (See instruction Q37-38.)

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

LOCAL CHARACTERISTICS or ATTRIBUTES

46. Basis of volume count is: Physical. Bibliographic. (See instruction Q46.)

47. Government documents are included in count of Current Serials: Yes. No.

48. Fringe benefits are included in expenditures for salaries and wages: Yes. No.

51. Other main campus medical libraries included: [list in "Footnotes" below].

52. Branch Campus Medical Libraries. (See paragraph six of the General Instructions.)

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

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

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

FOOTNOTES (See instruction Q53.)

53. A copy of your library's footnotes as they appeared in the published *ARL Academic Health Sciences Library Statistics 2001-02* appears on your library's survey form on the World Wide Web at <<http://lrc.lis.uiuc.edu/ARL/survey.cgi/>>. Please make revisions, additions, and deletions as appropriate. If any footnotes published last year are unchanged, please leave them unchanged to indicate that they are still valid.

Submit the completed questionnaire on the web
<<http://lrc.lis.uiuc.edu/ARL/survey.cgi/>>
by **October 31, 2003**.

Please contact Mark Young at (202) 296-2296 or stats-ra@arl.org for assistance.

ARL STATISTICS QUESTIONNAIRE, 2002-03

INSTRUCTIONS FOR COMPLETING THE QUESTIONNAIRE

General Instructions

Please enter your data on the ARL Statistics Website (access via <http://www.arl.org/stats/coordinator.html>) or provide a paper copy to use for data verification. ARL no longer requires the submission of both a paper form and a web form.

Definitions of the statistical categories used in this questionnaire can be found in *Library Statistics, ANSI/NISO Z39.7-1995*. (Bethesda, MD: NISO Press, 1997.) Also, see: <http://www.techstreet.com/cgi-bin/pdf/free/152592/z39-7.pdf>. *ANSI/NISO Z39.7-1995* does not address issues related to electronic resources. *ANSI/NISO Z39.7-1995* has undergone a recent revision and *NISO Z39.7-2002 Draft Standard for Trial Use* is now available <http://www.niso.org/emetrics/>. ARL has gradually modified the interpretation of the standard definitions to accommodate electronic resources based on conventions described in the *ARL Statistics Q&A* at <http://www.arl.org/stats/arlstat/arlstatqa.html>. These conventions have been established through discussions within the ARL Statistics and Measurement Committee and with the ARL Survey Coordinators who fill in these surveys on an annual basis. For example, for definitions relating to electronic serials, see a discussion document prepared by Julia Blixrud <http://www.arl.org/stats/counting.html>.

The questionnaire assumes a fiscal year ending June 30, 2003. If your fiscal year is different, please provide a footnote in the "Footnotes" section of the questionnaire.

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

Please do not leave any lines blank. If an exact figure is unavailable, use **-1**, i.e., "U/A." If the appropriate answer is zero or none, use **0**. For non-university libraries, if a question is not applicable to your library, use **-2**, i.e., "N/A." (Academic libraries should *never* use -2 or N/A.)

In a university that includes both main and branch campuses, an effort should be made to report figures for the main campus only. (The U.S. National Center for Education Statistics, Integrated Postsecondary Education Data System (IPEDS) defines a **branch 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 provide an explanation in the "Footnotes" section of the questionnaire.

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

Specific Instructions

Questions 1-4. Volumes in Library. Use the ANSI/NISO Z39.7-1995 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.

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

Include government document volumes that are accessible through the library's catalogs regardless of whether they are separately shelved. "Classified" includes documents arranged by Superintendent of Documents, CODOC, or similar numbers. "Cataloged" includes documents for which records are provided by the library or downloaded from other sources into the library's card or online catalogs. Documents should, to the extent possible, be counted as they would if they were in bound volumes (e.g., 12 issues of an annual serial would be one or two volumes). Title and piece counts should not be

considered the same as volume counts. If a volume count has not been kept, it may be estimated through sampling a representative group of title records and determining the corresponding number of volumes, then extrapolating to the rest of the collection. As an alternative, an estimate may be made using the following formulae:

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

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

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

Question 4. Monographic Volumes Purchased. Report number of volumes purchased. Include all volumes for which an expenditure was made during 2002-03, including volumes paid for in advance but not received during the fiscal year. Include monographs in series and continuations. If only number of titles purchased can be reported, please report the data and provide an explanatory footnote in the "Footnotes" section of the questionnaire. **Note:** This question is concerned with volumes purchased rather than volumes received or cataloged. Question 16 requests the expenditure for the volumes counted here.

Questions 5-7. Serials. Report the total number of subscriptions, not titles. Include duplicate subscriptions and, to the extent possible, all government document serials even if housed in a separate documents collection. Verify the inclusion or exclusion of document serials in Question 48 of the questionnaire. Exclude unnumbered monographic and publishers' series. Electronic serials acquired as part of an aggregated package (e.g., Project MUSE, Academic IDEAL) should be counted by title. A **serial** is

a publication in any medium issued in successive parts bearing numerical or chronological designations and intended to be continued indefinitely. This definition includes periodicals, newspapers, and annuals (reports, yearbooks, etc.); the journals, memoirs, proceedings, transactions, etc. of societies; and numbered monographic series.

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

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

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

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

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

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

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

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

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

Questions 16-27. Expenditures. Report all expenditures of funds that come to the library from the regular institutional budget, and from sources such as research grants, special projects, gifts and endowments, and fees for service. (For question 25, include non-library funds; see instruction Q24-25.) Do not report encumbrances of funds that have not yet been expended. **Canadian libraries should report expenditures in Canadian dollars.** (To determine figures in U.S. dollars, divide Canadian dollar amounts by 1.51023, the average monthly noon exchange rate published in the Bank of Canada *Review* for the period July 2002-June 2003.) **Please round figures to the nearest dollar.**

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

Question 17. Current Serials. Report expenditures for serials counted on line 5. Exclude unnumbered monographic and publishers' series, and encumbrances.

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

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

Question 21. Contract Binding. Include only contract expenditures for binding done outside the library. If all binding is done in-house, state this fact and give in-house expenditures in a footnote in the "Footnotes" section of the questionnaire; do not include personnel expenditures. (This figure should also be reported in the 2002-03 ARL Preservation Survey, question 7b.)

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

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

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

Questions 28-31. Personnel. Report the number of staff in filled positions, or positions that are only temporarily vacant. 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 lines 22-25.

Include cost recovery positions and staff hired for special projects and grants, but provide an explanatory footnote indicating the number of such staff. If such staff cannot be included, provide a footnote in the "Footnotes" section of the questionnaire. To compute full-time equivalents of part-time employees and student assistants, take the total number of hours 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 28. Professional Staff. Since the criteria for determining professional status vary among libraries, there is no attempt to define the term "professional." Each library should report those staff members it considers professional, including,

when appropriate, staff who are not librarians in the strict sense of the term, for example computer experts, systems analysts, or budget officers.

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

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

Question 32. Presentations to Groups. Report the total number of sessions during the year of presentations made as part of formal bibliographic instruction programs and through other planned class presentations, orientation sessions, and tours. If the library sponsors multi-session or credit courses that meet several times over the course of a semester, each session should be counted. Presentations to groups may be for either bibliographic instruction, cultural, recreational, or educational purposes. Presentations both on and off the premises should be included as long as they are sponsored by the library. Do not include meetings sponsored by other groups using library meeting rooms. Please indicate if the figure is based on sampling.

Question 33. Participants in Group Presentations. Report the total number of participants in the presentations reported on line 32. For multi-session classes with a constant enrollment, count each person only once. Personal, one-to-one instruction in the use of sources should be counted as reference transactions on line 34. Please indicate if the figure is based on sampling. Use the "Footnotes" section to describe any special situations.

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

an information contact that involves the knowledge, use, recommendations, interpretation, or instruction in the use of one or more information sources by a member of the library staff. 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. Duration should not be an element in determining whether a transaction is a reference transaction. Sampling based on a typical week may be used to extrapolate TO A FULL YEAR for Question 34. 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 35-36. Circulation. For Question 35, count the number of initial circulations during the fiscal year from the general collection for use usually (although not always) outside the library. Do not count renewals. Include circulations to and from remote storage facilities for library users (i.e., do not include transactions reflecting transfers or stages of technical processing). Count the total number of items lent, not the number of borrowers. For Question 36, report total circulation for the fiscal year including initial transactions reported on line 35 and renewal transactions. Exclude reserve circulations; these are no longer reported.

Questions 37-38. Interlibrary Loans. Report the number of requests for material (both returnables and non-returnables) provided to other libraries on line 37 and the number of filled requests for material received from libraries or other providers on line 38. On both lines, include originals, photocopies, and materials sent by telefacsimile or other forms of electronic transmission. Include patron-initiated transactions. Do not include transactions between libraries covered by this questionnaire.

Questions 39-40. Ph.D. Degrees. Report the number awarded during the 2002-03 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 in the "Footnotes" section of the questionnaire.

Question 40. Ph.D. Fields. For the purposes of this report, Ph.D. fields are defined as the specific discipline specialties enumerated in the U.S. Department of Education's Integrated Postsecondary Education Data System (IPEDS) "Completions" Survey. Although the IPEDS form requests figures for all doctoral degrees, only fields in which Ph.D.s are awarded should be reported on the ARL questionnaire. Any exceptions should be footnoted in the "Footnotes" section of the questionnaire.

Question 41. Instructional Faculty. Instructional faculty are defined by the U.S. Dept. of Education as

those members of the instruction/research staff who are employed full-time as defined by the institution, including faculty with released time for research and faculty on sabbatical leave.

Full-time counts 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 2001-02 (unless in previous years faculty were counted who should have been excluded according to the above definition). Please footnote any discrepancies.

Questions 42-45. Enrollment. U.S. libraries should use the Fall 2002 enrollment figures reported to the Department of Education on the form entitled "Integrated Postsecondary Education Data System, Fall Enrollment 2002." The line and column numbers on the IPEDS form for each category are noted on the questionnaire. Please check these figures against the enrollment figures reported to ARL last year to ensure consistency and accuracy. **Note:** In the past, the number of part-time students reported was FTE; the number now reported to IPEDS is a head count of part-time students. Canadian libraries should note that the category "graduate students" as reported here includes all post-baccalaureate students.

Question 46: Basis of Volume Count. A physical count is a piece count; a bibliographic count is a catalog record count.

Question 53. Footnotes. 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 of branch campus libraries (see paragraph six of the "General Instructions" for definition of branch campus libraries). For the first time, the footnotes from the previous year will be presented in the web form. Please update, delete, or leave them unchanged if they remain valid. Note that the number in parentheses refers to the appropriate column on the Library Data Tables in the published *ARL Statistics*, as well as to the corresponding line number on the questionnaire. Please make an effort to word your footnotes in a manner consistent with notes appearing in the published report, so that the ARL Office can interpret your footnotes correctly.

Submit the completed questionnaire on the web
<<http://lrc.lis.uiuc.edu/ARL/survey.cgi>>
by **October 31, 2003.**

Please contact Mark Young at (202) 296-2296 or stats-ra@arl.org for assistance.

APPENDIX

ARL MEMBER LIBRARIES AS OF JUNE 1, 2004

The Association of Research Libraries (ARL) represents the interests of 123 libraries that serve major North American research institutions. ARL operates as a forum for the exchange of ideas and as an agent for collective action to influence the forces affecting the ability of these libraries to meet the future needs of scholarship. The ARL Statistics and Measurement program is organized around identifying, collecting, analyzing, and distributing quantifiable information describing the characteristics of research libraries.

Institution	Category	Full Name of Institution	Location
Alabama	S	University of Alabama	Tuscaloosa, Alabama
Alberta	C	University of Alberta	Edmonton, Alberta
Arizona	S	University of Arizona	Tucson, Arizona
Arizona State	S	Arizona State University	Tempe, Arizona
Auburn	S	Auburn University	Auburn, Alabama
Boston	P	Boston University	Boston, Massachusetts
Boston College	P	Boston College	Boston, Massachusetts
Brigham Young	P	Brigham Young University	Provo, Utah
British Columbia	C	University of British Columbia	Vancouver, British Columbia
Brown	P	Brown University	Providence, Rhode Island
Berkeley, California	S	University of California, Berkeley	California, Berkeley
California, Davis	S	University of California, Davis	Davis, California
California, Irvine	S	University of California, Irvine	Irvine, California
California, Los Angeles	S	University of California, Los Angeles	Los Angeles, California
California, Riverside	S	University of California, Riverside	Riverside, California
California, San Diego	S	University of California, San Diego	La Jolla, California
California, Santa Barbara	S	University of California, Santa Barbara	Santa Barbara, California
Case Western Reserve	P	Case Western Reserve University	Cleveland, Ohio
Chicago	P	University of Chicago	Chicago, Illinois
Cincinnati	S	University of Cincinnati	Cincinnati, Ohio
Colorado	S	University of Colorado	Boulder, Colorado
Colorado State	S	Colorado State University	Fort Collins, Colorado
Columbia	P	Columbia University	New York, New York
Connecticut	S	University of Connecticut	Storrs, Connecticut
Cornell	P	Cornell University	Ithaca, New York
Dartmouth	P	Dartmouth College	Hanover, New Hampshire
Delaware	S	University of Delaware	Newark, Delaware
Duke	P	Duke University	Durham, North Carolina
Emory	P	Emory University	Atlanta, Georgia
Florida	S	University of Florida	Gainesville, Florida
Florida State	S	Florida State University	Tallahassee, Florida
George Washington	P	George Washington University	Washington, D.C.
Georgetown	P	Georgetown University	Washington, D.C.
Georgia	S	University of Georgia	Athens, Georgia
Georgia Tech	S	Georgia Institute of Technology	Atlanta, Georgia
Guelph	C	University of Guelph	Guelph, Ontario
Harvard	P	Harvard University	Cambridge, Massachusetts
Hawaii	S	University of Hawaii	Honolulu, Hawaii
Houston	S	University of Houston	Houston, Texas
Howard	P	Howard University	Washington, D.C.
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

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

Institution	Category	Full Name of Institution	Location
Michigan State	S	Michigan State University	East Lansing, Michigan
Minnesota	S	University of Minnesota	Minneapolis, Minnesota
Missouri	S	University of Missouri	Columbia, Missouri
Montreal	C	University of Montreal	Montreal, Quebec
Nebraska	S	University of Nebraska-Lincoln	Lincoln, Nebraska
New Mexico	S	University of New Mexico	Albuquerque, New Mexico
New York	P	New York University	New York, New York
North Carolina	S	University of North Carolina	Chapel Hill, North Carolina
North Carolina State	S	North Carolina State University	Raleigh, North Carolina
Northwestern	P	Northwestern University	Evanston, Illinois
Notre Dame	P	University of Notre Dame	Notre Dame, Indiana
Ohio	S	Ohio University	Athens, Ohio
Ohio State	S	Ohio State University	Columbus, Ohio
Oklahoma	S	University of Oklahoma	Norman, Oklahoma
Oklahoma State	S	Oklahoma State University	Stillwater, Oklahoma
Oregon	S	University of Oregon	Eugene, Oregon
Pennsylvania	P	University of Pennsylvania	Philadelphia, Pennsylvania
Pennsylvania State	S	Pennsylvania State University	University Park, Pennsylvania
Pittsburgh	S	University of Pittsburgh	Pittsburgh, Pennsylvania
Princeton	P	Princeton University	Princeton, New Jersey
Purdue	S	Purdue University	West Lafayette, Indiana
Queen's	C	Queen's University	Kingston, Ontario
Rice	P	Rice University	Houston, Texas
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 Libs.	N	Center for Research Libraries	Chicago, Illinois
Library of Congress	N	Library of Congress	Washington, D.C.
Natl. Agricultural Lib.	N	National Agricultural Library	Beltsville, Maryland
Natl. Library of Canada	X	National Library of Canada	Ottawa, Ontario
Natl. Library of Medicine	N	National Library of Medicine	Bethesda, Maryland
New York Public Library	N	New York Public Library	New York, New York
New York State Library	N	New York State Library	Albany, New York
Smithsonian Institution	N	Smithsonian Institution	Washington, D.C.