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ARL ACADEMIC
HEALTH SCIENCES
LIBRARY STATISTICS
2003-04

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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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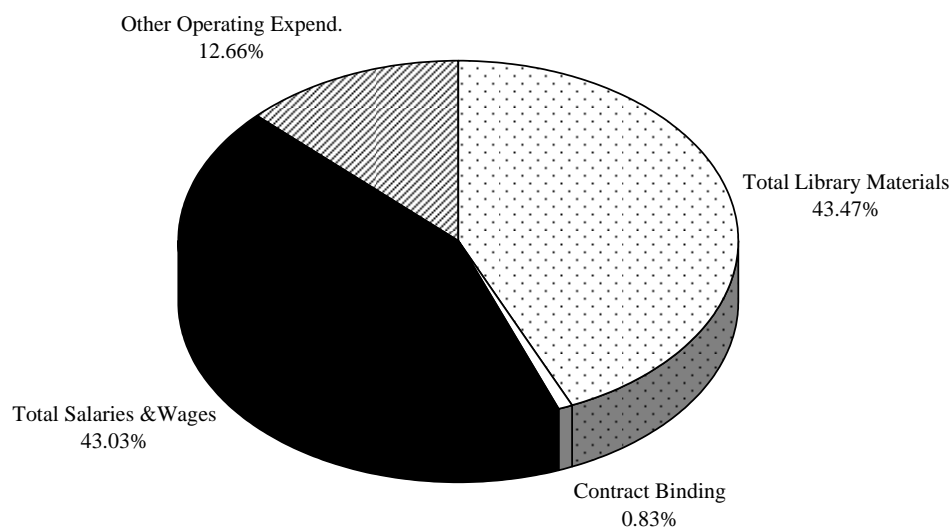
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HIGHLIGHTS

ARL ACADEMIC HEALTH SCIENCES LIBRARY STATISTICS, 2003-04

- Out of 113 ARL university libraries, 66 responded to this survey.¹
- Health Sciences libraries reported median values of 235,225 volumes held and 4,676 gross volumes added. The full-time equivalent of 2,550 staff were employed by these libraries during the year.
- Responding libraries reported total expenditures of \$224,697,410.² As seen in the graph below, library materials made up the largest portion of that total, with 43.47% of aggregated expenses falling under that category.
- Health sciences libraries reported a total of \$34,135,193 on electronic materials, or a median of 36.05% of their total materials budgets. This includes a total of \$32,473,238 on electronic serials.

Expenditures in ARL Health Sciences Libraries, 2003-04



¹ 70 university libraries reported a Health Sciences library on the 2003-04 *ARL Statistics*. British Columbia, Brown, Laval, Manitoba, Missouri, Oklahoma, and Wayne State included Health Sciences library data with the *ARL Statistics*, but did not respond to this survey. Cornell, Indiana, and, due to a reporting error, Southern California 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 1.34328 Can\$ = 1 US\$, the average monthly noon exchange rate published in the *Bank of Canada Review* for the period July 2003-June 2004.

ARL HEALTH SCIENCES LIBRARY DATA TABLES
2003-04

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2003-04

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
	Notes	(1)	(2)	(3)	(4)	(5)	(6)	(7)
INSTITUTION								
ALABAMA	b+	17,593	431	-696	192	212	78	290
ALBERTA	+	241,887	4,579	4,579	U/A	2,182	209	2,391
ARIZONA	b+	233,682	4,447	4,287	1,666	4,843	788	5,631
BOSTON		140,780	2,860	2,650	624	2,946	328	3,274
CALIFORNIA, DAVIS	+	358,018	8,341	7,615	1,375	1,246	619	1,865
CALIFORNIA, IRVINE	+	287,814	8,932	7,303	3,514	2,365	691	3,056
CALIFORNIA, LOS ANGELES	B	634,310	8,248	7,860	2,474	U/A	U/A	4,353
CALIFORNIA, SAN DIEGO	G+	237,575	7,533	5,122	2,668	4,159	485	4,644
CASE WESTERN RESERVE	b+	408,213	5,661	5,144	336	2,291	6,888	9,179
CHICAGO	+	756,911	22,932	22,857	U/A	8,207	202	8,409
CINCINNATI	Gb+	293,814	5,029	1,571	1,775	12,011	132	12,143
COLUMBIA	+	551,048	7,316	2,512	1,644	4,399	166	4,565
CONNECTICUT		200,296	4,159	-230	1,584	1,487	10	1,497
CORNELL	G+	178,878	3,958	3,241	1,077	2,939	25	2,964
DARTMOUTH	+	260,744	5,492	5,067	829	1,717	296	2,013
DUKE	G+	288,136	4,024	2,946	1,236	1,221	5	1,226
EMORY	G+	231,966	4,153	4,089	1,144	1,647	12	1,659
FLORIDA	G+	348,046	8,372	4,972	2,018	2,318	61	2,379
FLORIDA STATE	Gb+	8,093	182	182	139	U/A	U/A	792
GEORGE WASHINGTON	B	130,615	1,798	513	1,240	2,072	910	2,982
GEORGETOWN		139,592	3,998	2,993	986	2,273	7	2,280
HARVARD	+	707,484	8,719	7,978	U/A	U/A	U/A	2,418
HOWARD	Gb+	133,102	162	162	132	U/A	U/A	831
ILLINOIS, CHICAGO	+	708,703	12,149	7,086	4,719	4,319	110	4,429
INDIANA	Gb	264,798	5,370	5,221	899	1,933	88	2,021
IOWA	+	321,890	5,078	4,993	2,560	2,436	1,276	3,712
JOHNS HOPKINS	G+	411,985	4,200	2,358	908	5,400	500	5,900
KANSAS	Gb+	168,486	1,545	-10,126	456	3,804	24	3,828
KENTUCKY	+	228,154	5,133	5,058	1,802	3,320	536	3,856
LOUISVILLE	b+	236,767	4,509	4,208	U/A	U/A	U/A	3,764
MCGILL	b+	344,078	5,020	4,838	1,147	2,466	272	2,738
MCMASTER	+	161,951	4,146	3,916	1,851	2,808	1,960	4,768
MIAMI	+	219,162	5,177	4,815	1,136	1,374	271	1,645
MICHIGAN	Gb+	543,938	7,726	7,437	3,632	5,646	221	5,867
MINNESOTA	B+	477,861	8,522	8,513	U/A	1,581	126	1,707
MONTREAL	+	336,183	4,451	4,319	2,003	3,040	751	3,791
NEW MEXICO	B+	172,274	940	-1,861	593	1,549	18	1,567
NEW YORK	+	217,654	8,716	5,431	949	5,198	838	6,036
NORTH CAROLINA	+	323,487	7,118	7,001	1,706	2,993	746	3,739

+ - 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 2003-04

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)	
0	0	118	0	0	5,712	447	443	ALABAMA
20,019	0	147	250	0	0	0	774	ALBERTA
4,735	0	292	60	34	71,179	574	2,916	ARIZONA
27	0	81	712	0	17,700	325	225	BOSTON
16,591	0	134	0	0	364	3,361	232	CALIFORNIA, DAVIS
347,979	26,293	1,135	428	1,300	8,599	1,433	1,022	CALIFORNIA, IRVINE
64,619	5,788	1,593	714	3	43,989	3,343	1,557	CALIFORNIA, LOS ANGELES
16,630	0	843	0	0	4,370	2,396	8	CALIFORNIA, SAN DIEGO
3,760	0	103	830	0	51,833	1,379	1,226	CASE WESTERN RESERVE
255,123	0	0	0	0	0	0	1,961	CHICAGO
6,860	0	432	2,891	0	40,595	1,858	1,390	CINCINNATI
52,822	0	537	3,045	U/A	13,474	U/A	U/A	COLUMBIA
0	0	517	0	0	343	259	1,361	CONNECTICUT
12,900	0	516	0	0	0	0	1,750	CORNELL
13,059	0	225	0	0	20,340	6,172	1,652	DARTMOUTH
193	0	185	8,809	93	22,336	838	1,645	DUKE
46	0	532	220	0	0	2,527	0	EMORY
6,191	0	1,021	0	0	0	734	2,646	FLORIDA
76	0	77	0	0	0	0	0	FLORIDA STATE
0	0	169	0	0	4,012	1,357	1,600	GEORGE WASHINGTON
U/A	U/A	180	U/A	U/A	465	239	265	GEORGETOWN
U/A	U/A	U/A	U/A	U/A	U/A	17	251	HARVARD
550	0	40	0	0	0	410	761	HOWARD
61,616	4,692	209	1,125	0	207,077	2,709	5,862	ILLINOIS, CHICAGO
6,856	0	399	24	0	33	0	314	INDIANA
31,272	51,066	351	0	0	429	U/A	277	IOWA
9,463	0	542	0	0	436	833	1,269	JOHNS HOPKINS
91	0	0	0	0	373	121	5,037	KANSAS
2	0	11	0	0	31,598	1,032	1,149	KENTUCKY
1,494	U/A	U/A	U/A	U/A	125	53	U/A	LOUISVILLE
11,169	0	311	854	0	0	33	6,257	MCGILL
5,241	0	845	747	0	10	978	1,021	MCMASTER
2,837	0	U/A	601	U/A	U/A	U/A	3,165	MIAMI
521	0	1,164	3	0	2,947	209	195	MICHIGAN
66,310	0	265	2	7	196	34	1,224	MINNESOTA
32,787	0	269	0	0	12,727	997	1,721	MONTREAL
501	0	283	1,200	0	602	191	1,523	NEW MEXICO
0	0	808	947	0	8,742	303	1,715	NEW YORK
32,775	0	444	0	0	820	3,512	1,157	NORTH CAROLINA

U/A - Unavailable

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2003-04

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	+	275,157	3,862	2,478	1,173	U/A	U/A	3,013
OHIO	G+	148,530	1,815	1,808	1,244	2,295	27	2,322
OHIO STATE	+	214,766	5,285	3,723	1,556	3,545	2,113	5,658
OKLAHOMA STATE	b+	57,979	1,363	1,331	484	8,462	21	8,483
PENNSYLVANIA		198,214	4,772	4,327	1,714	U/A	U/A	2,408
PENNSYLVANIA STATE		111,339	3,559	3,378	618	5,172	985	6,157
PITTSBURGH	b+	469,444	16,514	14,177	3,956	U/A	U/A	3,834
QUEEN'S	Gb+	145,700	2,823	1,437	1,962	3,450	69	3,519
ROCHESTER	G+	254,092	6,605	5,958	1,165	U/A	U/A	3,555
SASKATCHEWAN	+	179,299	4,900	3,656	1,404	U/A	U/A	2,446
SOUTH CAROLINA	Gb	118,376	15,656	15,506	976	1,909	716	2,625
SOUTHERN CALIFORNIA	+	212,950	6,400	4,303	1,520	3,653	111	3,764
SOUTHERN ILLINOIS	G+	169,588	4,047	3,834	2,103	1,219	4,965	6,184
SUNY-BUFFALO	+	346,170	5,613	516	971	1,371	836	2,207
SUNY-STONY BROOK	G+	278,421	1,452	1,408	992	2,708	466	3,174
TEMPLE	b+	133,245	1,322	434	420	2,077	282	2,359
TENNESSEE	b+	214,313	1,615	789	452	2,620	599	3,219
TEXAS A&M	b+	120,692	3,425	1,094	1,743	U/A	U/A	1,558
TEXAS TECH	G+	292,389	5,454	2,653	3,828	16,129	1,353	17,482
TULANE	G	149,234	2,244	-12,167	904	U/A	U/A	1,499
UTAH	+	216,964	4,578	1,992	1,078	2,292	103	2,395
VANDERBILT	+	201,271	1,828	-11,849	245	2,815	694	3,509
VIRGINIA	+	197,215	2,358	-576	628	3,548	164	3,712
WASHINGTON	b+	370,605	7,038	6,358	887	U/A	U/A	1,631
WASHINGTON U.-ST. LOUIS	+	293,138	7,165	-2,378	2,108	2,976	30	3,006
WISCONSIN	b+	315,657	2,411	-5,099	795	2,562	349	2,911
YALE	+	444,365	6,382	5,971	3,060	6,941	756	7,697

SUMMARY DATA

High	756,911	22,932	22,857	4,719	16,129	6,888	17,482
Mean	273,562	5,327	3,348	1,459	3,474	647	3,796
Median	235,225	4,676	3,779	1,173	2,708	282	3,115
Low	8,093	162	-12,167	132	212	5	290
Totals	18,055,081	351,612	220,986	89,000	184,146	34,288	250,536
Number of Libraries	66	66	66	61	53	53	66

+ - 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 2003-04

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	701	U/A	0	U/A	653	1,083	NORTHWESTERN
17,181	31,274	183	139	0	17	147	968	OHIO
109	0	480	750	1,650	8,026	466	635	OHIO STATE
44,260	1,028	286	114	3	122,231	1,974	2,233	OKLAHOMA STATE
0	0	53	0	0	0	0	0	PENNSYLVANIA
0	0	458	63	0	743	93	337	PENNSYLVANIA STATE
68,530	0	2,301	0	0	7	2,107	4,074	PITTSBURGH
U/A	U/A	U/A	U/A	U/A	U/A	U/A	U/A	QUEEN'S
0	0	71	930	0	5,000	65	76	ROCHESTER
2,290	0	273	0	0	11,048	188	29	SASKATCHEWAN
4,988	0	0	0	0	0	0	907	SOUTH CAROLINA
9,029	0	738	10	0	15,147	2,423	723	SOUTHERN CALIFORNIA
6,514	1,020	126	215	0	0	2,574	3,382	SOUTHERN ILLINOIS
41,560	U/A	530	U/A	0	63,500	730	3,345	SUNY-BUFFALO
0	0	1	0	0	0	0	0	SUNY-STONY BROOK
60	0	53	0	0	0	0	1,317	TEMPLE
0	0	172	205	0	0	45	2,504	TENNESSEE
1,346	0	111	55	0	0	2	11	TEXAS A&M
2,550	0	2,293	500	0	786	4,678	6,770	TEXAS TECH
200	0	0	50	0	4,694	0	0	TULANE
15,089	U/A	1,133	U/A	U/A	2,450	36	1,364	UTAH
9,119	0	857	3,757	2	5,308	2,444	1,272	VANDERBILT
15,296	0	292	543	0	31,172	1,175	2,727	VIRGINIA
85,556	0	500	0	11	909	284	555	WASHINGTON
1,776	0	119	2,435	0	28,042	367	824	WASHINGTON U.-ST. LOUIS
826	4,876	81	6,372	0	92	695	1,163	WISCONSIN
15,645	U/A	253	515	0	10,536	1,472	429	YALE

SUMMARY DATA

347,979	51,066	2,301	8,809	1,650	207,077	6,172	6,770	High
26,925	15,755	463	1,146	345	18,748	1,179	1,591	Mean
6,860	5,332	289	543	11	5,000	713	1,225	Median
2	1,020	1	2	2	7	2	8	Low
1,427,039	126,037	26,843	40,115	3,103	881,134	61,292	92299	Sum
53	8	58	35	9	47	52	58	Number of Libraries

U/A - Unavailable

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2003-04

TABLE 2: EXPENDITURES

(Survey Question #)		Monographs	Current Serials	Other Library Materials	Misc. Materials	Total Library Materials	Contract Binding
INSTITUTION	Notes	(16)	(17)	(18)	(19)	(20)	(21)
ALABAMA	b+	11,919	90,050	U/A	0	101,969	3,610
ALBERTA	+	174,344	602,009	0	0	776,353	15,593
ARIZONA	b+	86,239	1,563,109	10,243	0	1,659,591	21,288
BOSTON		38,643	882,849	0	0	921,492	24,739
CALIFORNIA, DAVIS	+	193,970	1,185,517	81,017	15,235	1,475,739	26,025
CALIFORNIA, IRVINE	+	228,223	580,673	U/A	U/A	808,896	9,332
CALIFORNIA, LOS ANGELES	B	614,973	1,442,333	0	0	2,057,306	61,333
CALIFORNIA, SAN DIEGO	G+	227,549	1,573,456	276	0	1,801,281	55,811
CASE WESTERN RESERVE	b+	37,253	1,319,500	0	32,623	1,389,376	24,341
CHICAGO	+	262,196	1,811,961	1,027,711	0	3,101,868	82,388
CINCINNATI	Gb+	154,654	1,463,587	213	12,272	1,630,726	22,883
COLUMBIA	+	170,505	1,687,719	68,130	0	1,926,354	70,859
CONNECTICUT		95,772	1,392,932	40,937	112,185	1,641,826	25,000
CORNELL	G+	111,795	1,925,381	0	0	2,037,176	28,841
DARTMOUTH	+	73,939	781,690	3,069	0	858,698	29,896
DUKE	G+	85,757	1,087,912	5,168	145,381	1,324,218	21,303
EMORY	G+	96,687	980,478	4,634	264,456	1,346,255	32,092
FLORIDA	G+	105,183	1,526,100	227,555	0	1,858,838	45,344
FLORIDA STATE	Gb+	6,800	219,000	U/A	166,200	392,000	0
GEORGE WASHINGTON	B	136,648	1,139,851	16,013	4,706	1,297,218	22,000
GEORGETOWN		36,517	894,473	196,586	U/A	1,127,576	15,085
HARVARD	+	353,753	1,555,149	509,493	0	2,418,395	62,925
HOWARD	Gb+	21,442	841,637	13,090	15,000	891,169	25,000
ILLINOIS, CHICAGO	+	265,505	1,272,851	655	0	1,539,011	48,020
INDIANA	Gb	57,965	1,369,891	367,192	0	1,795,048	34,900
IOWA	+	142,642	1,248,995	273,848	41,248	1,706,733	U/A
JOHNS HOPKINS	G+	173,379	1,761,997	12,686	305,307	2,253,369	29,641
KANSAS	Gb+	118,691	848,854	27,485	0	995,030	5,106
KENTUCKY	+	165,524	1,355,040	6,072	55,798	1,582,434	17,707
LOUISVILLE	b+	90,761	1,342,373	3,860	177,605	1,614,599	22,298
MCGILL	b+	267,589	813,567	19,222	7	1,100,386	49,728
MCMASTER	+	193,911	824,448	11,562	30,338	1,060,259	23,053
MIAMI	+	164,996	544,873	724,174	5,232	1,439,275	23,955
MICHIGAN	Gb+	388,729	1,251,787	229,249	0	1,869,765	0
MINNESOTA	B+	497,183	2,024,640	5,769	20,170	2,547,762	80,000
MONTREAL	+	161,341	1,300,473	U/A	0	1,461,814	24,360
NEW MEXICO	B+	53,600	759,317	3,600	126,000	942,517	20,300
NEW YORK	+	100,460	1,596,057	5,264	20,323	1,722,104	32,287
NORTH CAROLINA	+	128,050	2,189,683	8,053	0	2,325,786	23,520

+ - 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 2003-04

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)	
61,000	52,184	0	113,184	27,351	246,114	ALABAMA
345,284	216,851	57,820	619,954	U/A	1,411,901	ALBERTA
855,980	867,536	122,258	1,845,774	625,572	4,152,225	ARIZONA
605,893	281,241	67,281	954,415	442,220	2,342,866	BOSTON
628,374	631,727	105,610	1,365,711	303,072	3,170,547	CALIFORNIA, DAVIS
454,986	576,657	100,603	1,132,246	274,602	2,225,076	CALIFORNIA, IRVINE
1,123,953	928,822	346,978	2,399,753	1,114,626	5,633,018	CALIFORNIA, LOS ANGELES
613,408	705,730	97,507	1,416,645	467,814	3,741,551	CALIFORNIA, SAN DIEGO
583,359	322,484	135,182	1,041,025	148,529	2,603,271	CASE WESTERN RESERVE
94,216	296,282	25,243	415,741	99,430	3,699,427	CHICAGO
1,131,990	366,624	137,217	1,635,831	337,815	3,627,255	CINCINNATI
924,689	659,301	46,287	1,630,277	247,414	3,874,904	COLUMBIA
1,330,591	721,524	55,528	2,107,643	84,527	3,858,996	CONNECTICUT
496,764	1,112,301	9,438	1,618,503	368,897	4,053,417	CORNELL
580,429	387,484	49,767	1,017,680	614,838	2,521,112	DARTMOUTH
1,119,962	704,964	1,586	1,826,512	484,767	3,656,800	DUKE
626,632	728,827	28,454	1,383,913	541,821	3,304,081	EMORY
1,134,644	836,515	130,777	2,101,936	334,813	4,340,931	FLORIDA
U/A	U/A	U/A	240,655	33,049	665,704	FLORIDA STATE
805,127	506,916	96,089	1,408,132	245,040	2,972,390	GEORGE WASHINGTON
470,316	374,361	82,496	927,173	530,872	2,600,706	GEORGETOWN
2,079,544	982,650	0	3,062,194	1,030,435	6,573,949	HARVARD
561,940	359,242	57,490	978,672	57,000	1,951,841	HOWARD
1,225,782	1,255,580	80,018	2,561,380	194,666	4,343,077	ILLINOIS, CHICAGO
729,661	748,418	106,347	1,584,426	696,197	4,110,571	INDIANA
574,018	474,685	202,198	1,250,901	266,905	3,224,539	IOWA
1,508,472	1,325,655	0	2,834,127	1,429,910	6,547,047	JOHNS HOPKINS
383,794	447,958	91,226	922,978	444,135	2,367,249	KANSAS
851,976	321,967	66,713	1,240,656	120,512	2,961,309	KENTUCKY
438,465	401,819	U/A	840,284	U/A	2,477,181	LOUISVILLE
307,034	442,928	29,732	779,693	105,459	2,035,265	MCGILL
400,686	482,950	18,593	902,228	191,157	2,176,697	MCMASTER
1,185,495	453,438	0	1,638,933	323,846	3,426,009	MIAMI
541,189	686,144	194,655	1,421,988	37,422	3,329,175	MICHIGAN
536,898	980,545	274,808	1,792,251	624,338	5,044,351	MINNESOTA
461,510	871,396	0	1,332,906	7,877	2,826,957	MONTREAL
1,697,778	1,439,434	63,925	3,201,137	837,451	5,001,405	NEW MEXICO
1,505,905	938,792	97,078	2,541,775	551,592	4,847,758	NEW YORK
1,506,180	920,691	158,576	2,585,447	662,428	5,597,181	NORTH CAROLINA

U/A - Unavailable

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2003-04

TABLE 2: EXPENDITURES

(Survey Question #)		Monographs	Current Serials	Other Library Materials	Misc. Materials	Total Library Materials	Contract Binding
INSTITUTION	Notes	(16)	(17)	(18)	(19)	(20)	(21)
NORTHWESTERN	+	81,147	1,302,530	93,091	7,358	1,484,126	29,840
OHIO	G+	53,992	448,267	635	210	503,104	1,583
OHIO STATE	+	121,130	1,286,503	6,669	0	1,414,302	19,916
OKLAHOMA STATE	b+	42,000	196,481	103,586	0	342,067	3,279
PENNSYLVANIA		178,012	1,479,103	249,459	0	1,906,574	29,966
PENNSYLVANIA STATE		36,492	608,213	0	427,058	1,071,763	19,604
PITTSBURGH	b+	364,637	2,852,777	57,154	16,997	3,291,565	30,032
QUEEN'S	Gb+	99,811	1,201,773	U/A	U/A	1,301,583	13,948
ROCHESTER	G+	72,025	1,207,575	207,415	0	1,487,015	31,842
SASKATCHEWAN	+	137,756	558,560	U/A	U/A	696,316	16,364
SOUTH CAROLINA	Gb	89,265	297,792	3,381	280,522	670,960	8,812
SOUTHERN CALIFORNIA	+	136,727	1,908,684	17,719	56,192	2,119,322	70,122
SOUTHERN ILLINOIS	G+	66,089	727,626	839	38,148	832,702	14,123
SUNY-BUFFALO	+	114,603	1,274,614	11,395	0	1,400,612	30,877
SUNY-STONY BROOK	G+	108,321	1,143,663	104,965	23,825	1,380,774	0
TEMPLE	b+	18,713	665,956	180	2,881	687,730	21,214
TENNESSEE	b+	38,540	1,340,528	38,272	21,293	1,438,633	7,336
TEXAS A&M	b+	133,028	1,070,113	0	615	1,203,756	10,780
TEXAS TECH	G+	262,684	1,335,704	31,579	279,901	1,909,868	9,491
TULANE	G	73,554	920,107	0	43,345	1,037,006	10,638
UTAH	+	91,284	989,696	29,908	13,916	1,124,804	24,508
VANDERBILT	+	254,043	1,633,493	68,617	74,064	2,030,217	16,523
VIRGINIA	+	101,615	1,278,936	255,731	9,548	1,645,830	7,074
WASHINGTON	b+	62,330	1,988,632	U/A	0	2,050,962	29,089
WASHINGTON U.-ST. LOUIS	+	119,144	2,123,005	9,453	12,684	2,264,286	45,171
WISCONSIN	b+	42,716	1,173,427	8,286	248,750	1,473,179	158,640
YALE	+	382,586	1,715,604	13,245	0	2,111,435	43,038

SUMMARY DATA

High	614,973	2,852,777	1,027,711	427,058	3,291,565	158,640
Mean	145,111	1,208,812	102,243	83,984	1,480,011	30,071
Median	113,199	1,262,319	16,013	30,338	1,467,497	24,350
Low	6,800	90,050	180	7	101,969	1,583
Totals	9,577,331	79,781,574	5,214,405	3,107,394	97,680,705	1,864,372
Number of Libraries	66	66	51	37	66	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 2003-04

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)	
717,708	588,834	15,682	1,322,224	126,048	2,962,238	NORTHWESTERN
173,445	152,586	35,522	361,553	137,969	1,004,209	OHIO
926,489	528,911	120,628	1,576,028	403,103	3,413,349	OHIO STATE
126,515	160,978	25,120	312,613	165,369	823,328	OKLAHOMA STATE
672,648	663,505	159,910	1,496,063	382,766	3,815,369	PENNSYLVANIA
258,614	356,363	7,602	622,579	0	1,713,946	PENNSYLVANIA STATE
1,281,840	849,733	63,919	2,195,492	443,840	5,960,929	PITTSBURGH
220,987	277,261	37,035	535,283	87,464	1,938,279	QUEEN'S
1,159,130	287,473	47,572	1,494,175	393,204	3,406,236	ROCHESTER
137,417	173,474	37,272	348,163	U/A	1,060,843	SASKATCHEWAN
344,239	262,246	21,413	627,898	141,631	1,449,301	SOUTH CAROLINA
971,419	769,556	182,171	1,923,146	692,363	4,804,953	SOUTHERN CALIFORNIA
318,569	437,158	14,223	769,950	58,730	1,675,505	SOUTHERN ILLINOIS
958,933	274,259	108,951	1,342,143	186,458	2,960,090	SUNY-BUFFALO
1,186,289	288,541	92,541	1,567,371	429,376	3,377,521	SUNY-STONY BROOK
538,542	308,805	40,524	887,871	662,063	2,258,878	TEMPLE
877,282	356,118	9,376	1,242,776	461,829	3,150,574	TENNESSEE
878,156	237,026	60,296	1,175,478	179,979	2,569,993	TEXAS A&M
1,034,037	575,736	207,224	1,816,997	307,040	4,043,396	TEXAS TECH
382,313	284,609	11,220	678,142	154,744	1,880,530	TULANE
801,986	605,901	160,864	1,568,751	1,466,589	4,184,652	UTAH
1,335,448	554,794	8,707	1,898,949	640,381	4,586,070	VANDERBILT
1,113,123	910,014	4,237	2,027,374	392,414	4,072,692	VIRGINIA
1,204,738	767,920	178,008	2,150,666	1,458,610	5,689,327	WASHINGTON
3,009,130	1,270,822	107,411	4,387,363	3,792,538	10,489,358	WASHINGTON U.-ST. LOUIS
1,065,475	756,312	224,599	2,046,386	127,467	3,805,672	WISCONSIN
1,018,946	601,932	25,428	1,646,306	255,540	4,056,319	YALE

SUMMARY DATA

3,009,130	1,439,434	346,978	4,387,363	3,792,538	10,489,358	High
818,421	586,361	87,202	1,465,097	458,966	3,404,506	Mean
729,661	554,794	66,713	1,412,389	336,314	3,353,348	Median
61,000	52,184	1,586	113,184	7,877	246,114	Low
53,197,341	38,113,489	5,144,934	96,696,419	28,455,915	224,697,410	Sum
65	65	59	66	62	66	Number of Libraries

U/A - Unavailable

ARL HEALTH SCIENCES LIBRARY DATA TABLES, 2003-04

TABLE 3: ELECTRONIC RESOURCES EXPENDITURES

(Survey Question #)		Computer Files (one-time)	Electronic Serials	Total Electronic Materials	Total Library Materials	Elec. Materials As Percent of Lib. Materials
		(28)	(29)	(28 + 29)	(20)	
INSTITUTION	Notes					
ALABAMA	b+	0	12,284	12,284	101,969	12.05
ALBERTA	+	U/A	204,616	204,615	776,353	26.36
ARIZONA	b+	2,894	835,978	838,872	1,659,591	50.55
BOSTON		0	85,500	85,500	921,492	9.28
CALIFORNIA, DAVIS	+	80,867	479,041	559,908	1,475,739	37.94
CALIFORNIA, IRVINE	+	40,603	212,446	253,049	808,896	31.28
CALIFORNIA, LOS ANGELES	B	U/A	U/A	U/A	2,057,306	U/A
CALIFORNIA, SAN DIEGO	G+	5,895	702,949	708,844	1,801,281	39.35
CASE WESTERN RESERVE	b+	0	767,122	767,122	1,389,376	55.21
CHICAGO	+	43,780	1,346,489	1,390,269	3,101,868	44.82
CINCINNATI	Gb+	43	586,849	586,892	1,630,726	35.99
COLUMBIA	+	U/A	650,249	650,248	1,926,354	33.76
CONNECTICUT		0	707,181	707,181	1,641,826	43.07
CORNELL	G+	U/A	U/A	U/A	2,037,176	U/A
DARTMOUTH	+	14,485	556,583	571,068	858,698	66.50
DUKE	G+	5,168	772,357	777,525	1,324,218	58.72
EMORY	G+	0	264,701	264,701	1,346,255	19.66
FLORIDA	G+	105,235	259,933	365,168	1,858,838	19.64
FLORIDA STATE	Gb+	800	149,000	149,800	392,000	38.21
GEORGE WASHINGTON	B	0	155,683	155,683	1,297,218	12.00
GEORGETOWN		26,241	698,681	724,922	1,127,576	64.29
HARVARD	+	509,493	U/A	509,492	2,418,395	21.07
HOWARD	Gb+	0	638,000	638,000	891,169	71.59
ILLINOIS, CHICAGO	+	0	306,205	306,205	1,539,011	19.90
INDIANA	Gb	6,375	330,513	336,888	1,795,048	18.77
IOWA	+	5,022	880,194	885,216	1,706,733	51.87
JOHNS HOPKINS	G+	0	1,507,891	1,507,891	2,253,369	66.92
KANSAS	Gb+	0	19,585	19,585	995,030	1.97
KENTUCKY	+	0	198,008	198,008	1,582,434	12.51
LOUISVILLE	b+	U/A	176,554	176,553	1,614,599	10.93
MCGILL	b+	34,851	444,684	479,535	1,100,386	43.58
MCMASTER	+	8,321	533,460	541,781	1,060,259	51.10
MIAMI	+	0	721,774	721,774	1,439,275	50.15
MICHIGAN	Gb+	3,000	0	3,000	1,869,765	0.16
MINNESOTA	B+	4,606	819,609	824,215	2,547,762	32.35
MONTREAL	+	0	638,724	638,724	1,461,814	43.69
NEW MEXICO	B+	125,940	252,800	378,740	942,517	40.18
NEW YORK	+	31,215	833,503	864,718	1,722,104	50.21
NORTH CAROLINA	+	189,818	1,081,280	1,271,098	2,325,786	54.65

U/A - Unavailable

ARL HEALTH SCIENCES LIBRARY DATA TABLES, 2003-04

TABLE 3: ELECTRONIC RESOURCES EXPENDITURES

Bibliographic Utilities, Networks, and Consortia		Computer Hardware And Software	Document Delivery/ Interlibrary Loan	(Survey Question #)
Library	External			INSTITUTION
(30a)	(30b)	(31)	(32)	
612	0	18,263	780	ALABAMA
U/A	U/A	U/A	U/A	ALBERTA
7,369	0	74,779	36,554	ARIZONA
22,500	37,790	253,173	28,129	BOSTON
10,006	U/A	37,431	189,752	CALIFORNIA, DAVIS
19,993	132,870	60,762	7,221	CALIFORNIA, IRVINE
U/A	U/A	U/A	U/A	CALIFORNIA, LOS ANGELES
U/A	212,586	204,527	122,084	CALIFORNIA, SAN DIEGO
42,623	0	37,970	17,433	CASE WESTERN RESERVE
U/A	U/A	76,715	13,349	CHICAGO
7,828	U/A	314,595	7,403	CINCINNATI
13,953	U/A	90,869	26,253	COLUMBIA
0	0	27,822	17,532	CONNECTICUT
33,637	0	73,467	23,055	CORNELL
U/A	U/A	17,025	37,239	DARTMOUTH
81,340	0	23,148	6,566	DUKE
10,744	0	64,339	14,596	EMORY
74,709	206,013	27,863	28,417	FLORIDA
1,350	0	U/A	1,000	FLORIDA STATE
78,165	0	91,224	10,472	GEORGE WASHINGTON
8,319	U/A	133,655	8,770	GEORGETOWN
U/A	U/A	84,662	40,550	HARVARD
U/A	U/A	14,000	20,000	HOWARD
18,793	U/A	1,425	62,124	ILLINOIS, CHICAGO
0	0	11,088	22,858	INDIANA
28,200	0	7,470	184,304	IOWA
52,765	519	363,556	76,752	JOHNS HOPKINS
19,216	0	144,878	34,092	KANSAS
0	0	21,384	25,798	KENTUCKY
U/A	U/A	U/A	3,869	LOUISVILLE
0	0	13,437	U/A	MCGILL
12,309	0	50,632	50,939	MCMASTER
18,995	0	15,506	33,575	MIAMI
0	0	0	11,216	MICHIGAN
U/A	U/A	137,778	110,536	MINNESOTA
U/A	U/A	U/A	U/A	MONTREAL
18,139	43,440	259,242	15,944	NEW MEXICO
70,712	3,000	159,173	71,538	NEW YORK
149,745	U/A	122,258	22,841	NORTH CAROLINA

U/A - Unavailable

ARL HEALTH SCIENCES LIBRARY DATA TABLES, 2003-04

TABLE 3: ELECTRONIC RESOURCES EXPENDITURES

(Survey Question #)		Computer Files (one-time)	Electronic Serials	Total Electronic Materials	Total Library Materials	Elec. Materials As Percent of Lib. Materials
		(28)	(29)	(28 + 29)	(20)	
INSTITUTION	Notes					
NORTHWESTERN	+	90,396	979,649	1,070,045	1,484,126	72.10
OHIO	G+	2,369	272,649	275,018	503,104	54.66
OHIO STATE	+	1,499	566,858	568,357	1,414,302	40.19
OKLAHOMA STATE	b+	5,533	60,417	65,950	342,067	19.28
PENNSYLVANIA		U/A	659,997	659,996	1,906,574	34.62
PENNSYLVANIA STATE		0	345,000	345,000	1,071,763	32.19
PITTSBURGH	b+	42,741	1,197,987	1,240,728	3,291,565	37.69
QUEEN'S	Gb+	U/A	632,657	632,656	1,301,583	48.61
ROCHESTER	G+	0	338,372	338,372	1,487,015	22.76
SASKATCHEWAN	+	U/A	U/A	U/A	696,316	U/A
SOUTH CAROLINA	Gb	20,425	260,097	280,522	670,960	41.81
SOUTHERN CALIFORNIA	+	54,546	703,166	757,712	2,119,322	35.75
SOUTHERN ILLINOIS	G+	12,184	46,211	58,395	832,702	7.01
SUNY-BUFFALO	+	3,383	109,805	113,188	1,400,612	8.08
SUNY-STONY BROOK	G+	1,000	886,320	887,320	1,380,774	64.26
TEMPLE	b+	0	594,180	594,180	687,730	86.40
TENNESSEE	b+	8,050	200,354	208,404	1,438,633	14.49
TEXAS A&M	b+	9,692	603,789	613,481	1,203,756	50.96
TEXAS TECH	G+	16,195	182,607	198,802	1,909,868	10.41
TULANE	G	12,967	360,866	373,833	1,037,006	36.05
UTAH	+	23,950	68,542	92,492	1,124,804	8.22
VANDERBILT	+	102,926	1,474,944	1,577,870	2,030,217	77.72
VIRGINIA	+	0	293,039	293,039	1,645,830	17.80
WASHINGTON	b+	0	686,908	686,908	2,050,962	33.49
WASHINGTON U.-ST. LOUIS	+	9,453	1,282,134	1,291,587	2,264,286	57.04
WISCONSIN	b+	0	79,952	79,952	1,473,179	5.43
YALE	+	U/A	756,312	756,311	2,111,435	35.82

SUMMARY DATA

High	509,493	1,507,891	1,577,870	3,291,565	86.40
Mean	43,736	532,348	541,828	1,480,011	36.40
Median	12,576	556,583	559,908	1,467,497	36.05
Low	43	12,284	3,000	101,969	0.16
Totals	1,661,962	32,473,238	34,135,193	97,680,705	
Number of Libraries	38	61	63	66	63

U/A - Unavailable

ARL HEALTH SCIENCES LIBRARY DATA TABLES, 2003-04

TABLE 3: ELECTRONIC RESOURCES EXPENDITURES

Bibliographic Utilities, Networks, and Consortia		Computer Hardware And Software	Document Delivery/ Interlibrary Loan	(Survey Question #)
Library	External			INSTITUTION
(30a)	(30b)	(31)	(32)	
6,104	U/A	1,181	25,837	NORTHWESTERN
18,166	51,940	U/A	U/A	OHIO
17,659	U/A	30,979	53,169	OHIO STATE
2,400	U/A	23,947	2,558	OKLAHOMA STATE
U/A	U/A	48,661	111,401	PENNSYLVANIA
0	0	12,000	13,765	PENNSYLVANIA STATE
0	0	236,224	4,964	PITTSBURGH
U/A	U/A	U/A	U/A	QUEEN'S
4,091	U/A	145,343	46,991	ROCHESTER
U/A	U/A	U/A	U/A	SASKATCHEWAN
4,958	0	18,951	9,971	SOUTH CAROLINA
9,010	0	160,048	13,949	SOUTHERN CALIFORNIA
5,000	0	16,746	4,994	SOUTHERN ILLINOIS
U/A	U/A	U/A	U/A	SUNY-BUFFALO
13,115	27,122	310,972	4,503	SUNY-STONY BROOK
5,737	0	5,513	4,493	TEMPLE
7,865	9,769	19,374	17,506	TENNESSEE
0	34,701	43,256	23,155	TEXAS A&M
56,153	0	27,037	15,885	TEXAS TECH
U/A	U/A	20,658	10,604	TULANE
0	0	182,939	25,914	UTAH
11,133	0	106,725	10,456	VANDERBILT
7,679	0	120,427	21,581	VIRGINIA
U/A	U/A	36,686	259,297	WASHINGTON
0	8,079	987,388	16,315	WASHINGTON U.-ST. LOUIS
0	5,626	51,339	23,630	WISCONSIN
4,209	U/A	31,929	12,873	YALE

SUMMARY DATA

149,745	212,586	987,388	259,297	High
25,008	59,497	101,294	36,506	Mean
13,115	34,701	49,647	20,791	Median
612	519	1,181	780	Low
975,301	773,455	5,672,439	2,117,352	Sum
39	13	56	58	Number of Libraries

U/A - Unavailable

ARL HEALTH SCIENCES LIBRARY DATA TABLES, 2003-04

TABLE 4: PERSONNEL AND PUBLIC SERVICES

(Survey Question #)		Professional Staff (FTE)	Support Staff (FTE)	Student Assistants (FTE)	Total Staff (FTE)	Staffed Service Points	Service Hours Per Week
		(33)	(34)	(35)	(36)	(37)	(38)
INSTITUTION	Notes						
ALABAMA	b+	1	3	0	4	2	70
ALBERTA	+	7	8	5	20	2	84
ARIZONA	b+	15	29	9	53	4	168
BOSTON		11	8	10	29	3	107
CALIFORNIA, DAVIS	+	11	23	9	43	3	84
CALIFORNIA, IRVINE	+	8	16	8	32	7	120
CALIFORNIA, LOS ANGELES	B	17	21	19	57	1	107
CALIFORNIA, SAN DIEGO	G+	9	19	6	34	1	99
CASE WESTERN RESERVE	b+	9	10	8	27	2	96
CHICAGO	+	2	9	4	15	2	82
CINCINNATI	Gb+	19	14	9	42	5	105
COLUMBIA	+	17	20	3	40	6	95
CONNECTICUT		14	12	4	30	2	94
CORNELL	G+	7	28	0	35	2	108
DARTMOUTH	+	11	15	3	29	4	115
DUKE	G+	21	20	0	41	2	98
EMORY	G+	11	24	2	37	5	91
FLORIDA	G+	25	29	15	69	4	105
FLORIDA STATE	Gb+	3	1	2	6	1	87
GEORGE WASHINGTON	B	15	16	8	39	3	113
GEORGETOWN		8	11	5	24	2	100
HARVARD	+	29	28	0	57	U/A	U/A
HOWARD	Gb+	6	15	7	28	3	121
ILLINOIS, CHICAGO	+	24	40	9	73	7	92
INDIANA	Gb	11	22	6	39	2	111
IOWA	+	13	15	13	41	2	98
JOHNS HOPKINS	G+	28	41	0	69	4	80
KANSAS	Gb+	7	21	5	33	1	40
KENTUCKY	+	15	14	5	34	4	140
LOUISVILLE	b+	9	14	5	28	4	88
MCGILL	b+	7	15	4	26	2	66
MCMASTER	+	8	19	3	30	2	100
MIAMI	+	23	18	0	41	6	103
MICHIGAN	Gb+	10	22	14	46	4	95
MINNESOTA	B+	10	25	17	52	7	96
MONTREAL	+	10	30	0	40	7	96
NEW MEXICO	B+	26	42	5	73	2	94
NEW YORK	+	23	27	7	57	10	168
NORTH CAROLINA	+	30	29	3	62	1	91

U/A - Unavailable

ARL HEALTH SCIENCES LIBRARY DATA TABLES, 2003-04

TABLE 4: PERSONNEL AND PUBLIC SERVICES

Presentations		Reference Transactions*	Initial Circulation Transactions	Total Circulation Transactions	ILL/DD		(Survey Question #) INSTITUTION
Number of Groups*	Number of Participants*				Total Items Loaned	Total Items Borrowed	
(39)	(40)	(41)	(42)	(43)	(44)	(45)	
15	273	2,621	818	1,069	592	157	ALABAMA
398	4,917	28,143	U/A	90,615	41,458	11,939	ALBERTA
132	1,587	15,195	34,550	36,650	11,384	3,786	ARIZONA
236	2,094	16,835	5,645	5,943	9,650	7,300	BOSTON
151	1,119	16,911	24,706	38,192	19,764	5,576	CALIFORNIA, DAVIS
109	2,214	8,106	26,820	52,283	3,266	3,895	CALIFORNIA, IRVINE
139	2,552	22,714	46,885	63,740	32,363	9,756	CALIFORNIA, LOS ANGELES
209	1,725	23,244	24,508	30,020	10,398	8,528	CALIFORNIA, SAN DIEGO
U/A	U/A	U/A	7,574	9,890	18,150	6,759	CASE WESTERN RESERVE
29	278	8,673	30,242	38,230	12,729	13,700	CHICAGO
890	3,057	33,282	12,302	12,733	12,232	6,938	CINCINNATI
162	3,216	27,389	26,764	29,955	19,573	5,053	COLUMBIA
193	1,457	6,777	12,366	16,629	15,757	1,563	CONNECTICUT
111	257	15,322	44,811	U/A	5,621	4,367	CORNELL
211	2,959	U/A	14,023	20,508	4,773	11,509	DARTMOUTH
209	2,765	15,604	14,702	20,798	16,874	2,763	DUKE
133	1,907	29,045	8,502	9,893	22,938	5,427	EMORY
297	4,483	21,800	37,560	42,485	9,715	9,768	FLORIDA
53	604	779	1,579	1,769	20	600	FLORIDA STATE
365	6,045	24,447	12,551	20,998	4,136	2,462	GEORGE WASHINGTON
155	3,199	9,794	18,065	21,481	1,718	1,247	GEORGETOWN
148	1,401	483	U/A	416,012	15,637	2,512	HARVARD
70	320	29,055	16,350	18,353	1,873	900	HOWARD
268	3,592	31,634	29,852	140,122	28,450	12,523	ILLINOIS, CHICAGO
332	5,713	8,008	131,000	161,264	26,819	32,779	INDIANA
199	4,120	19,956	U/A	43,864	28,909	10,721	IOWA
320	3,308	15,007	17,794	30,102	14,549	17,575	JOHNS HOPKINS
-	-	4,337	15,109	U/A	12,192	4,663	KANSAS
292	3,229	14,160	20,228	26,550	9,686	6,740	KENTUCKY
155	1,584	12,667	U/A	37,372	14,666	20,924	LOUISVILLE
135	3,042	27,987	15,008	23,941	5,231	3,741	MCGILL
223	1,932	19,028	25,578	38,554	8,741	7,705	MCMASTER
2,402	4,598	30,918	7,831	16,821	17,229	2,715	MIAMI
222	3,881	21,063	45,849	52,168	15,105	6,296	MICHIGAN
161	2,709	43,049	24,188	31,529	69,058	3,365	MINNESOTA
290	4,436	15,087	37,999	61,542	16,118	2,508	MONTREAL
361	4,184	13,073	13,900	20,497	3,382	3,467	NEW MEXICO
354	4,824	28,743	12,843	16,012	9,117	8,092	NEW YORK
138	3,778	22,987	134,131	136,150	18,748	5,338	NORTH CAROLINA

U/A - Unavailable

ARL HEALTH SCIENCES LIBRARY DATA TABLES, 2003-04

TABLE 4: PERSONNEL AND PUBLIC SERVICES

(Survey Question #)		Professional Staff (FTE)	Support Staff (FTE)	Student Assistants (FTE)	Total Staff (FTE)	Staffed Service Points	Service Hours Per Week
		(33)	(34)	(35)	(36)	(37)	(38)
INSTITUTION	Notes						
NORTHWESTERN	+	14	16	1	31	3	98
OHIO	G+	5	5	5	15	1	100
OHIO STATE	+	21	13	8	42	5	99
OKLAHOMA STATE	b+	2	6	2	10	2	98
PENNSYLVANIA		12	17	6	35	3	100
PENNSYLVANIA STATE		5	13	1	19	3	106
PITTSBURGH	b+	25	37	6	68	9	110
QUEEN'S	Gb+	7	11	3	21	2	97
ROCHESTER	G+	22	11	5	38	4	101
SASKATCHEWAN	+	3	7	2	12	2	89
SOUTH CAROLINA	Gb	7	10	2	19	2	91
SOUTHERN CALIFORNIA	+	15	21	10	46	5	99
SOUTHERN ILLINOIS	G+	7	16	2	25	2	90
SUNY-BUFFALO	+	17	11	10	38	4	104
SUNY-STONY BROOK	G+	20	11	7	38	3	100
TEMPLE	b+	11	10	7	28	3	108
TENNESSEE	b+	16	17	2	35	3	136
TEXAS A&M	b+	15	10	6	31	1	99
TEXAS TECH	G+	21	24	19	64	13	105
TULANE	G	8	12	1	21	2	93
UTAH	+	13	21	14	48	2	126
VANDERBILT	+	26	19	3	48	3	101
VIRGINIA	+	16	26	0	42	5	154
WASHINGTON	b+	19	31	11	61	4	82
WASHINGTON U.-ST. LOUIS	+	44	31	6	81	4	102
WISCONSIN	b+	20	26	14	60	7	95
YALE	+	18	18	3	39	2	105

SUMMARY DATA

High	44	42	19	81	13	168
Mean	14	19	7	39	4	101
Median	13	17	6	38	3	99
Low	1	1	1	4	1	40
Totals	939	1,223	388	2,550	230	6,595
Number of Libraries	66	66	58	66	65	65

U/A - Unavailable

ARL HEALTH SCIENCES LIBRARY DATA TABLES, 2003-04

TABLE 4: PERSONNEL AND PUBLIC SERVICES

Presentations		Reference Transactions*	Initial Circulation Transactions	Total Circulation Transactions	ILL/DD		(Survey Question #) INSTITUTION
Number of Groups*	Number of Participants*				Total Items Loaned	Total Items Borrowed	
(39)	(40)	(41)	(42)	(43)	(44)	(45)	
197	1,973	34,290	13,379	U/A	8,172	11,008	NORTHWESTERN
28	680	4,273	9,209	11,804	5,363	1,817	OHIO
114	2,871	31,204	56,011	60,399	17,673	6,964	OHIO STATE
19	319	1,197	3,507	4,530	2,590	729	OKLAHOMA STATE
127	1,955	30,053	10,288	11,189	8,992	16,660	PENNSYLVANIA
54	804	9,502	71,141	72,242	8,608	1,533	PENNSYLVANIA STATE
575	8,200	59,333	25,984	36,920	34,138	5,831	PITTSBURGH
339	3,118	7,454	13,648	15,652	6,125	5,372	QUEEN'S
238	1,751	8,388	7,285	9,312	5,434	5,670	ROCHESTER
123	1,981	6,534	32,367	32,477	5,281	8,646	SASKATCHEWAN
55	705	4,011	U/A	8,204	5,334	3,987	SOUTH CAROLINA
121	2,327	13,099	30,739	41,971	17,797	1,600	SOUTHERN CALIFORNIA
116	338	5,025	46,073	54,203	10,005	3,139	SOUTHERN ILLINOIS
98	2,271	20,708	55,816	64,960	15,978	3,593	SUNY-BUFFALO
213	2,610	12,695	12,948	16,029	11,528	1,057	SUNY-STONY BROOK
70	1,405	3,641	7,659	8,591	2,589	1,669	TEMPLE
176	2,175	25,911	9,819	12,882	9,198	4,679	TENNESSEE
177	1,945	5,184	38,196	40,927	8,364	9,018	TEXAS A&M
495	2,525	25,982	29,961	133,965	9,769	5,608	TEXAS TECH
49	853	6,868	18,000	19,785	7,591	2,323	TULANE
328	2,940	80,268	22,321	32,524	19,373	5,486	UTAH
214	3,115	6,968	15,222	17,207	9,039	3,924	VANDERBILT
633	3,950	28,040	11,116	19,803	9,178	3,098	VIRGINIA
223	4,228	33,787	U/A	343,340	26,176	6,735	WASHINGTON
324	2,530	25,416	21,979	27,111	18,515	5,730	WASHINGTON U.-ST. LOUIS
214	2,868	U/A	37,489	45,326	17,366	12,506	WISCONSIN
643	3,398	15,000	24,581	27,612	8,938	3,797	YALE

SUMMARY DATA

2,402	8,200	80,268	134,131	416,012	69,058	32,779	High
254	2,612	18,869	26,290	47,678	13,602	6,331	Mean
195	2,541	15,604	19,147	29,955	10,202	5,355	Median
15	257	483	818	1,069	20	157	Low
16,230	167,194	1,188,754	1,577,371	3,003,699	897,735	417,836	Sum
64	64	63	60	63	66	66	Number of Libraries

U/A - Unavailable

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	756,911	7,124,379	10.62	34	ARIZONA	233,682	5,201,065	4.49
2	ILLINOIS, CHICAGO	708,703	2,236,632	31.69	35	EMORY	231,966	2,935,654	7.90
3	HARVARD	707,484	15,391,906	4.60	36	KENTUCKY	228,154	3,092,616	7.38
4	CALIFORNIA, LOS ANGELES	634,310	7,988,925	7.94	37	MIAMI	219,162	2,515,732	8.71
5	COLUMBIA	551,048	8,650,258	6.37	38	NEW YORK	217,654	4,642,734	4.69
6	MICHIGAN	543,938	7,958,145	6.83	39	UTAH	216,964	3,185,910	6.81
7	MINNESOTA	477,861	6,374,293	7.50	40	OHIO STATE	214,766	5,809,505	3.70
8	PITTSBURGH	469,444	4,640,279	10.12	41	TENNESSEE	214,313	2,920,485	7.34
9	YALE	444,365	11,389,504	3.90	42	SOUTHERN CALIFORNIA	212,950	3,354,954	*
10	JOHNS HOPKINS	411,985	3,606,254	11.42	43	VANDERBILT	201,271	2,964,214	6.79
11	CASE WESTERN RESERVE	408,213	2,452,731	16.64	44	CONNECTICUT	200,296	3,211,431	6.24
12	WASHINGTON	370,605	6,546,072	5.66	45	PENNSYLVANIA	198,214	5,473,472	3.62
13	CALIFORNIA, DAVIS	358,018	3,424,040	10.46	46	VIRGINIA	197,215	4,987,437	3.95
14	FLORIDA	348,046	4,075,290	8.54	47	SASKATCHEWAN	179,299	1,950,582	9.19
15	SUNY-BUFFALO	346,170	3,360,036	10.30	48	CORNELL	178,878	7,365,268	*
16	MCGILL	344,078	3,515,795	9.79	49	NEW MEXICO	172,274	2,627,815	6.56
17	MONTREAL	336,183	3,047,014	11.03	50	SOUTHERN ILLINOIS	169,588	2,840,324	5.97
18	NORTH CAROLINA	323,487	5,601,436	5.78	51	KANSAS	168,486	4,039,645	4.17
19	IOWA	321,890	4,474,826	7.19	52	MCMASTER	161,951	1,968,168	8.23
20	WISCONSIN	315,657	7,807,097	4.04	53	TULANE	149,234	2,403,728	6.21
21	CINCINNATI	293,814	3,050,113	9.63	54	OHIO	148,530	2,550,511	5.82
22	WASHINGTON U.-ST. LOUIS	293,138	3,647,459	8.04	55	QUEEN'S	145,700	2,410,869	6.04
23	TEXAS TECH	292,389	2,399,479	12.19	56	BOSTON	140,780	2,396,362	5.87
24	DUKE	288,136	5,471,919	5.27	57	GEORGETOWN	139,592	2,407,125	5.80
25	CALIFORNIA, IRVINE	287,814	2,398,455	12.00	58	TEMPLE	133,245	2,971,988	4.48
26	SUNY-STONY BROOK	278,421	2,192,704	12.70	59	HOWARD	133,102	2,194,804	6.06
27	NORTHWESTERN	275,157	4,545,038	6.05	60	GEORGE WASHINGTON	130,615	2,129,332	6.13
28	INDIANA	264,798	6,770,498	*	61	TEXAS A&M	120,692	3,310,840	3.65
29	DARTMOUTH	260,744	2,434,788	10.71	62	SOUTH CAROLINA	118,376	3,436,445	3.44
30	ROCHESTER	254,092	3,370,854	7.54	63	PENNSYLVANIA STATE	111,339	4,975,339	2.24
31	ALBERTA	241,887	6,011,574	4.02	64	OKLAHOMA STATE	57,979	2,572,044	2.25
32	CALIFORNIA, SAN DIEGO	237,575	3,071,461	7.73	65	ALABAMA	17,593	2,465,217	0.71
33	LOUISVILLE	236,767	1,950,624	12.14	66	FLORIDA STATE	8,093	2,874,988	0.28

* Did not include a Health Science Library in the *ARL Statistics 2003-04*

RANK ORDER TABLE 2 - VOLUMES ADDED (GROSS)

INSTITUTION		HSL VOLUMES	TOTAL VOLUMES	HSL % OF TOTAL	INSTITUTION		HSL VOLUMES	TOTAL VOLUMES	HSL % OF TOTAL
1	CHICAGO	22,932	156,259	14.68	34	ALBERTA	4,579	89,221	5.13
2	PITTSBURGH	16,514	147,594	11.19	35	UTAH	4,578	68,199	6.71
3	SOUTH CAROLINA	15,656	63,439	24.68	36	LOUISVILLE	4,509	60,513	7.45
4	ILLINOIS, CHICAGO	12,149	44,089	27.56	37	MONTREAL	4,451	61,822	7.20
5	CALIFORNIA, IRVINE	8,932	74,436	12.00	38	ARIZONA	4,447	104,508	4.26
6	HARVARD	8,719	302,173	2.89	39	JOHNS HOPKINS	4,200	62,142	6.76
7	NEW YORK	8,716	126,576	6.89	40	CONNECTICUT	4,159	51,464	8.08
8	MINNESOTA	8,522	130,964	6.51	41	EMORY	4,153	88,469	4.69
9	FLORIDA	8,372	85,371	9.81	42	MCMASTER	4,146	34,542	12.00
10	CALIFORNIA, DAVIS	8,341	65,012	12.83	43	SOUTHERN ILLINOIS	4,047	47,704	8.48
11	CALIFORNIA, LOS ANGELES	8,248	168,335	4.90	44	DUKE	4,024	115,778	3.48
12	MICHIGAN	7,726	171,154	4.51	45	GEORGETOWN	3,998	66,659	6.00
13	CALIFORNIA, SAN DIEGO	7,533	75,716	9.95	46	CORNELL	3,958	171,803	*
14	COLUMBIA	7,316	162,166	4.51	47	NORTHWESTERN	3,862	100,317	3.85
15	WASHINGTON U.-ST. LOUIS	7,165	60,850	11.77	48	PENNSYLVANIA STATE	3,559	98,771	3.60
16	NORTH CAROLINA	7,118	120,688	5.90	49	TEXAS A&M	3,425	92,518	3.70
17	WASHINGTON	7,038	186,227	3.78	50	BOSTON	2,860	56,230	5.09
18	ROCHESTER	6,605	43,358	15.23	51	QUEEN'S	2,823	49,097	5.75
19	SOUTHERN CALIFORNIA	6,400	57,616	*	52	WISCONSIN	2,411	126,373	1.91
20	YALE	6,382	280,572	2.27	53	VIRGINIA	2,358	82,997	2.84
21	CASE WESTERN RESERVE	5,661	32,503	17.42	54	TULANE	2,244	51,814	4.33
22	SUNY-BUFFALO	5,613	61,241	9.17	55	VANDERBILT	1,828	67,296	2.72
23	DARTMOUTH	5,492	50,810	10.81	56	OHIO	1,815	85,974	2.11
24	TEXAS TECH	5,454	51,904	10.51	57	GEORGE WASHINGTON	1,798	54,518	3.30
25	INDIANA	5,370	145,288	*	58	TENNESSEE	1,615	58,394	2.77
26	OHIO STATE	5,285	145,968	3.62	59	KANSAS	1,545	72,518	2.13
27	MIAMI	5,177	68,540	7.55	60	SUNY-STONY BROOK	1,452	26,551	5.47
28	KENTUCKY	5,133	58,371	8.79	61	OKLAHOMA STATE	1,363	77,050	1.77
29	IOWA	5,078	138,899	3.66	62	TEMPLE	1,322	48,287	2.74
30	CINCINNATI	5,029	87,357	5.76	63	NEW MEXICO	940	67,615	1.39
31	MCGILL	5,020	100,375	5.00	64	ALABAMA	431	47,603	0.91
32	SASKATCHEWAN	4,900	64,404	7.61	65	FLORIDA STATE	182	92,637	0.20
33	PENNSYLVANIA	4,772	112,214	4.25	66	HOWARD	162	33,410	0.48

* Did not include a Health Science Library in the *ARL Statistics 2003-04*

RANK ORDER TABLE 3 – CURRENT SERIALS (TOTAL)

INSTITUTION		HSL SERIALS	TOTAL SERIALS	HSL % OF TOTAL	INSTITUTION		HSL SERIALS	TOTAL SERIALS	HSL % OF TOTAL
1	TEXAS TECH	17,482	44,327	39.44	34	CALIFORNIA, IRVINE	3,056	25,464	12.00
2	CINCINNATI	12,143	39,787	30.52	35	NORTHWESTERN	3,013	39,944	7.54
3	CASE WESTERN RESERVE	9,179	20,678	44.39	36	WASHINGTON U.-ST. LOUIS	3,006	47,266	6.36
4	OKLAHOMA STATE	8,483	41,608	20.39	37	GEORGE WASHINGTON	2,982	12,005	24.84
5	CHICAGO	8,409	41,790	20.12	38	CORNELL	2,964	72,788	*
6	YALE	7,697	66,867	11.51	39	WISCONSIN	2,911	55,164	5.28
7	SOUTHERN ILLINOIS	6,184	40,588	15.24	40	MCGILL	2,738	17,900	15.30
8	PENNSYLVANIA STATE	6,157	58,459	10.53	41	SOUTH CAROLINA	2,625	24,152	10.87
9	NEW YORK	6,036	49,044	12.31	42	SASKATCHEWAN	2,446	15,509	15.77
10	JOHNS HOPKINS	5,900	50,097	11.78	43	HARVARD	2,418	100,009	2.42
11	MICHIGAN	5,867	67,554	8.68	44	PENNSYLVANIA	2,408	42,031	5.73
12	OHIO STATE	5,658	35,561	15.91	45	UTAH	2,395	40,753	5.88
13	ARIZONA	5,631	36,060	15.62	46	ALBERTA	2,391	40,328	5.93
14	MCMASTER	4,768	20,401	23.37	47	FLORIDA	2,379	25,330	9.39
15	CALIFORNIA, SAN DIEGO	4,644	30,461	15.25	48	TEMPLE	2,359	23,567	10.01
16	COLUMBIA	4,565	65,650	6.95	49	OHIO	2,322	25,557	9.09
17	ILLINOIS, CHICAGO	4,429	31,236	14.18	50	GEORGETOWN	2,280	28,173	8.09
18	CALIFORNIA, LOS ANGELES	4,353	78,171	5.57	51	SUNY-BUFFALO	2,207	34,126	6.47
19	KENTUCKY	3,856	29,633	13.01	52	INDIANA	2,021	70,370	*
20	PITTSBURGH	3,834	44,924	8.53	53	DARTMOUTH	2,013	37,893	5.31
21	KANSAS	3,828	41,830	9.15	54	CALIFORNIA, DAVIS	1,865	36,647	5.09
22	MONTREAL	3,791	29,188	12.99	55	MINNESOTA	1,707	35,801	4.77
23	LOUISVILLE	3,764	24,872	15.13	56	EMORY	1,659	53,602	3.10
24	SOUTHERN CALIFORNIA	3,764	16,999	*	57	MIAMI	1,645	43,939	3.74
25	NORTH CAROLINA	3,739	52,454	7.13	58	WASHINGTON	1,631	48,269	3.38
26	IOWA	3,712	50,675	7.33	59	NEW MEXICO	1,567	14,901	10.52
27	VIRGINIA	3,712	52,192	7.11	60	TEXAS A&M	1,558	49,197	3.17
28	ROCHESTER	3,555	22,770	15.61	61	TULANE	1,499	16,588	9.04
29	QUEEN'S	3,519	21,092	16.68	62	CONNECTICUT	1,497	37,621	3.98
30	VANDERBILT	3,509	28,754	12.20	63	DUKE	1,226	33,934	3.61
31	BOSTON	3,274	34,214	9.57	64	HOWARD	831	10,122	8.21
32	TENNESSEE	3,219	42,230	7.62	65	FLORIDA STATE	792	38,271	2.07
33	SUNY-STONY BROOK	3,174	29,091	10.91	66	ALABAMA	290	31,199	0.93

* Did not include a Health Science Library in the *ARL Statistics 2003-04*

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	\$10,489,358	\$29,416,653	35.66	34	MICHIGAN	\$3,329,175	\$46,737,671	7.12
2	HARVARD	6,573,949	100,892,145	6.52	35	EMORY	3,304,081	27,797,992	11.89
3	JOHNS HOPKINS	6,547,047	28,165,251	23.25	36	IOWA	3,224,539	24,118,906	13.37
4	PITTSBURGH	5,960,929	25,664,536	23.23	37	CALIFORNIA, DAVIS	3,170,547	19,557,745	16.21
5	WASHINGTON	5,689,327	34,780,704	16.36	38	TENNESSEE	3,150,574	20,933,676	15.05
6	CALIFORNIA, LOS ANGELES	5,633,018	47,691,633	11.81	39	GEORGE WASHINGTON	2,972,390	20,547,370	14.47
7	NORTH CAROLINA	5,597,181	29,619,061	18.90	40	NORTHWESTERN	2,962,238	25,630,720	11.56
8	MINNESOTA	5,044,351	31,640,604	15.94	41	KENTUCKY	2,961,309	19,270,355	15.37
9	NEW MEXICO	5,001,405	19,396,595	25.78	42	SUNY-BUFFALO	2,960,090	18,720,435	15.81
10	NEW YORK	4,847,758	34,462,180	14.07	43	MONTREAL	2,826,957	21,949,251	12.88
11	SOUTHERN CALIFORNIA	4,804,953	21,788,025	*	44	CASE WESTERN RESERVE	2,603,271	13,988,420	18.61
12	VANDERBILT	4,586,070	20,048,886	22.87	45	GEORGETOWN	2,600,706	22,184,204	11.72
13	ILLINOIS, CHICAGO	4,343,077	15,603,117	27.83	46	TEXAS A&M	2,569,993	25,842,504	9.94
14	FLORIDA	4,340,931	25,112,380	17.29	47	DARTMOUTH	2,521,112	18,807,974	13.40
15	UTAH	4,184,652	22,230,041	18.82	48	LOUISVILLE	2,477,181	17,319,156	14.30
16	ARIZONA	4,152,225	27,064,875	15.34	49	KANSAS	2,367,249	19,076,650	12.41
17	INDIANA	4,110,571	32,340,522	*	50	BOSTON	2,342,866	19,977,770	11.73
18	VIRGINIA	4,072,692	29,354,994	13.87	51	TEMPLE	2,258,878	14,619,227	15.45
19	YALE	4,056,319	65,212,582	6.22	52	CALIFORNIA, IRVINE	2,225,076	18,542,297	12.00
20	CORNELL	4,053,417	42,560,694	*	53	MCMASTER	2,176,697	11,383,561	19.12
21	TEXAS TECH	4,043,396	18,527,587	21.82	54	MCGILL	2,035,265	21,475,347	9.48
22	COLUMBIA	3,874,904	46,200,379	8.39	55	HOWARD	1,951,841	10,191,433	19.15
23	CONNECTICUT	3,858,996	23,488,601	16.43	56	QUEEN'S	1,938,279	13,312,409	14.56
24	PENNSYLVANIA	3,815,369	32,130,433	11.87	57	TULANE	1,880,530	13,262,398	14.18
25	WISCONSIN	3,805,672	39,251,812	9.70	58	PENNSYLVANIA STATE	1,713,946	40,610,081	4.22
26	CALIFORNIA, SAN DIEGO	3,741,551	25,945,519	14.42	59	SOUTHERN ILLINOIS	1,675,505	14,220,244	11.78
27	CHICAGO	3,699,427	27,878,919	13.27	60	SOUTH CAROLINA	1,449,301	17,271,058	8.39
28	DUKE	3,656,800	30,156,928	12.13	61	ALBERTA	1,411,901	24,105,116	5.86
29	CINCINNATI	3,627,255	19,502,676	18.60	62	SASKATCHEWAN	1,060,843	11,286,852	9.40
30	MIAMI	3,426,009	19,986,430	17.14	63	OHIO	1,004,209	12,445,639	8.07
31	OHIO STATE	3,413,349	28,509,784	11.97	64	OKLAHOMA STATE	823,328	12,883,426	6.39
32	ROCHESTER	3,406,236	16,324,549	20.87	65	FLORIDA STATE	665,704	13,697,817	4.86
33	SUNY-STONY BROOK	3,377,521	12,383,254	27.27	66	ALABAMA	246,114	13,248,722	1.86

* Did not include a Health Science Library in the ARL Statistics 2003-04

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	81	294	27.55	34	SUNY-STONY BROOK	38	158	24.05
2	ILLINOIS, CHICAGO	73	247	29.55	35	EMORY	37	299	12.37
3	NEW MEXICO	73	308	23.70	36	CORNELL	35	553	*
4	FLORIDA	69	384	17.97	37	PENNSYLVANIA	35	401	8.73
5	JOHNS HOPKINS	69	341	20.23	38	TENNESSEE	35	287	12.20
6	PITTSBURGH	68	385	17.66	39	CALIFORNIA, SAN DIEGO	34	355	9.58
7	TEXAS TECH	64	300	21.33	40	KENTUCKY	34	286	11.89
8	NORTH CAROLINA	62	413	15.01	41	KANSAS	33	304	10.86
9	WASHINGTON	61	473	12.90	42	CALIFORNIA, IRVINE	32	273	11.72
10	WISCONSIN	60	564	10.64	43	NORTHWESTERN	31	338	9.17
11	CALIFORNIA, LOS ANGELES	57	589	9.68	44	TEXAS A&M	31	352	8.81
12	HARVARD	57	1,255	4.54	45	CONNECTICUT	30	220	13.64
13	NEW YORK	57	434	13.13	46	MCMASTER	30	163	18.40
14	ARIZONA	53	336	15.77	47	BOSTON	29	314	9.24
15	MINNESOTA	52	387	13.44	48	DARTMOUTH	29	203	14.29
16	UTAH	48	351	13.68	49	HOWARD	28	151	18.54
17	VANDERBILT	48	251	19.12	50	LOUISVILLE	28	185	15.14
18	MICHIGAN	46	596	7.72	51	TEMPLE	28	204	13.73
19	SOUTHERN CALIFORNIA	46	280	*	52	CASE WESTERN RESERVE	27	144	18.75
20	CALIFORNIA, DAVIS	43	282	15.25	53	MCGILL	26	284	9.15
21	CINCINNATI	42	235	17.87	54	SOUTHERN ILLINOIS	25	207	12.08
22	OHIO STATE	42	401	10.47	55	GEORGETOWN	24	262	9.16
23	VIRGINIA	42	353	11.90	56	QUEEN'S	21	175	12.00
24	DUKE	41	338	12.13	57	TULANE	21	192	10.94
25	IOWA	41	313	13.10	58	ALBERTA	20	326	6.13
26	MIAMI	41	286	14.34	59	PENNSYLVANIA STATE	19	610	3.11
27	COLUMBIA	40	574	6.97	60	SOUTH CAROLINA	19	281	6.76
28	MONTREAL	40	387	10.34	61	CHICAGO	15	306	4.90
29	GEORGE WASHINGTON	39	281	13.88	62	OHIO	15	194	7.73
30	INDIANA	39	485	*	63	SASKATCHEWAN	12	165	7.27
31	YALE	39	673	5.79	64	OKLAHOMA STATE	10	215	4.65
32	ROCHESTER	38	200	19.00	65	FLORIDA STATE	6	241	2.49
33	SUNY-BUFFALO	38	257	14.79	66	ALABAMA	4	196	2.04

* Did not include a Health Science Library in the *ARL Statistics 2003-04*

RANK ORDER TABLE 6 – TOTAL ELECTRONIC MATERIALS

INSTITUTION		HSL E-MATERIAL	TOTAL E- MATERIAL	HSL % OF TOTAL	INSTITUTION		HSL E-MATERIAL	TOTAL E- MATERIAL	HSL % OF TOTAL
1	VANDERBILT	1,577,870	3,203,799	49.25	34	HARVARD	509,492	3,055,319	16.68
2	JOHNS HOPKINS	1,507,891	4,886,942	30.86	35	MCGILL	479,535	4,655,063	10.30
3	CHICAGO	1,390,269	3,860,937	36.01	36	NEW MEXICO	378,740	1,481,530	25.56
4	WASHINGTON U.-ST. LOUIS	1,291,587	3,473,194	37.19	37	TULANE	373,833	1,945,541	19.21
5	NORTH CAROLINA	1,271,098	2,732,364	46.52	38	FLORIDA	365,168	2,037,661	17.92
6	PITTSBURGH	1,240,728	4,658,783	26.63	39	PENNSYLVANIA STATE	345,000	5,706,319	6.05
7	NORTHWESTERN	1,070,045	4,065,403	26.32	40	ROCHESTER	338,372	1,113,238	30.40
8	SUNY-STONY BROOK	887,320	1,794,134	49.46	41	INDIANA	336,888	3,069,054	*
9	IOWA	885,216	3,504,905	25.26	42	ILLINOIS, CHICAGO	306,205	2,041,499	15.00
10	NEW YORK	864,718	4,230,026	20.44	43	VIRGINIA	293,039	2,913,225	10.06
11	ARIZONA	838,872	4,393,328	19.09	44	SOUTH CAROLINA	280,522	2,206,331	12.71
12	MINNESOTA	824,215	4,077,728	20.21	45	OHIO	275,018	1,956,014	14.06
13	DUKE	777,525	3,251,145	23.92	46	EMORY	264,701	2,192,848	12.07
14	CASE WESTERN RESERVE	767,122	2,446,688	31.35	47	CALIFORNIA, IRVINE	253,049	2,108,741	12.00
15	SOUTHERN CALIFORNIA	757,712	1,612,609	*	48	TENNESSEE	208,404	1,837,788	11.34
16	YALE	756,311	3,879,597	19.49	49	ALBERTA	204,615	4,646,032	4.40
17	GEORGETOWN	724,922	2,265,896	31.99	50	TEXAS TECH	198,802	1,245,208	15.97
18	MIAMI	721,774	2,705,847	26.67	51	KENTUCKY	198,008	2,440,252	8.11
19	CALIFORNIA, SAN DIEGO	708,844	2,256,294	31.42	52	LOUISVILLE	176,553	2,223,105	7.94
20	CONNECTICUT	707,181	2,760,158	25.62	53	GEORGE WASHINGTON	155,683	1,347,740	11.55
21	WASHINGTON	686,908	3,236,706	21.22	54	FLORIDA STATE	149,800	1,580,645	9.48
22	PENNSYLVANIA	659,996	3,344,865	19.73	55	SUNY-BUFFALO	113,188	1,716,420	6.59
23	COLUMBIA	650,248	4,476,907	14.52	56	UTAH	92,492	649,958	14.23
24	MONTREAL	638,724	2,767,253	23.08	57	BOSTON	85,500	1,157,741	7.39
25	HOWARD	638,000	1,263,188	50.51	58	WISCONSIN	79,952	2,039,259	3.92
26	QUEEN'S	632,656	3,657,459	17.30	59	OKLAHOMA STATE	65,950	3,093,136	2.13
27	TEXAS A&M	613,481	4,083,802	15.02	60	SOUTHERN ILLINOIS	58,395	2,344,197	2.49
28	TEMPLE	594,180	3,084,296	19.26	61	KANSAS	19,585	1,620,610	1.21
29	CINCINNATI	586,892	5,481,630	10.71	62	ALABAMA	12,284	1,897,239	0.65
30	DARTMOUTH	571,068	3,622,500	15.76	63	MICHIGAN	3,000	5,422,903	0.06
31	OHIO STATE	568,357	4,279,573	13.28	64	CORNELL	U/A	2,839,691	*
32	CALIFORNIA, DAVIS	559,908	2,391,636	23.41	64	SASKATCHEWAN	U/A	2,814,898	U/A
33	MCMASTER	541,781	2,789,532	19.42	66	CALIFORNIA, LOS ANGELES	U/A	2,719,900	U/A

* Did not include a Health Science Library in the *ARL Statistics 2003-04*

FOOTNOTES TO THE ARL ACADEMIC HEALTH SCIENCES LIBRARY STATISTICS 2003-04

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, 2004.
	18	Library does not separate expenditures for AV materials.
	26	Includes bibliographic utilities, memberships, and literature searching.
ALBERTA		All figures are as of March 31, 2004. The basis of volume count is an estimate.
	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.
	16-32	Expenditures as reported in Canadian dollars: (16) \$234193; (17) \$808,667; (18) \$0; (19) \$0; (20) \$1,042,860; (21) \$20,946; (22) \$463,813; (23) \$291,291; (24) \$77,668; (25) \$832,772; (26) U/A; (27) \$1,896,578; (28) U/A; (29) 274,857; (30a) U/A; (30b) U/A; (31) U/A; (32) U/A.
	22	Decrease in 2003-04 due to secondment and leave of absence.
	23	Decrease in 2003-04 due to retirements.
	25	Excludes fringe benefits. Decrease in 2003-04 due to leaves of absence, secondments, and retirements.
	33	Figure rounded from 6.9.
	36	Figure rounded from 19.9.
ARIZONA		
	9	Government documents are included in regular collection and cannot be separated out.
	19	Memberships for purposes of publications cannot be separated out. Figure includes half 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.
	4, 10	Decreases due to budgetary constraints.
	5	Decrease due to cancellation of print titles also held electronically.
	7	Decrease due to a more accurate count of titles, facilitated by the functionality of the integrated library system.
	14	A physical count of audio pieces resulted in a correction to the actual number of pieces on hand for 2002-03.
	17, 20, 27	Increases due to a percentage of the electronic packages for the California Digital Library being moved from General Funded items to those funded on Health Sciences Funds. In addition there was a prepayment of Serials for 2004-05.
	26	Increased costs for Copyright Clearance Center have a direct bearing on the total reported for other operating expenditures.
	34	Decrease due to unit reorganization.
	39	Increase reflects increased investment in the General Library's instructional program.
CALIFORNIA, IRVINE		Some figures have been substantially revised to reflect more accurate counts and/or more properly assigned expenditures to different categories.
CALIFORNIA, SAN DIEGO		Includes both Biomedical Library and the UCSD Medical Center Library.
	5	Includes 2,133 serial titles with internet access.
	6	Includes 364 serial titles with internet access. Large decrease in number of titles

INSTITUTION	QUESTION NUMBER	NOTE
		due to a change to more exact counting of free Health Science internet serials based on LC classification and titles which were transferred to paid consortial packages.
	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.
	39-41	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	Increase in volumes added due to return to the usual amount of periodical binding.
	5-7	Includes an estimated number of purchased e-journals.
	17	Includes e-journals.
	18	Includes electronic databases.
	22-25, 33-36	Figures reflect salaries, wages and benefits for percentage of staff assigned to biomedical responsibilities. Previous years' data were salaries for all science library staff.
	43	Includes external print reserve circulations.
CINCINNATI		Includes the Cincinnati Medical Heritage Center and the Nursing Library. Volumes held June 30, 2003 revised to 292,243 as an adjustment due to retrospective conversion cleanup.
	5, 7	Figures now properly account for OhioLINK titles.
COLUMBIA	6	Includes over 100 titles that are part of an extended collection.
	16	Decrease due to change in category of expense. Items that were included here in 2002-03 are included in (18) in 2003-04.
	26	Decrease due to budget constraints.
	29	Increase reflects change in pricing structure of going e-only for Science Direct. The cost is now 100% for e-only access; previously, the e-portion was only supplemental.
	43	Majority of renewals are now done electronically and cannot yet be counted separately from other Columbia libraries.
CORNELL		Excludes data from Weill Cornell Medical College - Qatar.
	4	Figures represents titles, not volumes.
	26	Includes capital expenditures.
DARTMOUTH	2a, 3	Figures reflect normal activity after large weeding project in 2002-03.
	5-7	Figures reflect cancellation of print titles, many "transitioning" to digital-only.
	16, 18	Starting in 2003-04, expenditures for microform monographs moved from (16) to (18).
	17, 18	Starting in 2002-03, digital serials expenditures moved from (18) to (17).
	26, 27	2002-03 figures revised to: (26) \$1,045,002; (27) \$2,499,970.
	35, 36	2002-03 figures revised to: (35) 3; (36) 35.
DUKE	2, 3	Decreases due to an unusual spike in 2002-03 volume acquisitions, which were the result of a barcoding project that revealed previously unknown volumes in the collection.
	2a	Increase due to an increased amount of withdrawals in 2003-04.

INSTITUTION	QUESTION NUMBER	NOTE
	5-7	Decreases due to budget cuts in the materials expenditure budget.
	8, 11	Increases due to including the Medical Center Library Archives Department in 2003-04 statistics for the first time.
	18	Increase due to adjustments made to 2002-03 budget cuts.
	24	Decrease due to Medical Center Library budget cuts.
EMORY		Includes Grady Branch Library and Hospital Branch Library.
	27	Decrease due to budget cut in Medical/Health Sciences School.
FLORIDA		Includes Health Sciences Center Library Veterinary Medical Library and HSC Branch in Jacksonville FL.
	19	Items previously included here are now included in either (18) or (26).
FLORIDA STATE		The FSU Medical Library opened for patron use on March 25, 2002.
HARVARD		Volumes held June 30, 2003 revised to 699,506.
	16	Increase due to change in accounting practices.
	23, 34	Figures reflect salaries and FTE for both support and casual staff.
	41	Number of reference transactions per typical week.
	44	Decrease due to implementation of fee-based borrowing.
HOWARD		Volumes held June 30, 2003 revised to 132,940.
	1-4	Due to the inaccurate counting of items in past years, volume counts are much lower in 2003-04.
ILLINOIS, CHICAGO	2a, 3	Withdrawals fell to typical levels and monographs expenditures increased, resulting in more net volumes added.
	4	The budget for monographs increased substantially.
	5, 7	Purchase of packages of electronic serials has significantly increased the total number of subscriptions.
	13-15	Decreases reflect withdrawal of some items in obsolete formats.
	16	The budget was increased in response to a long-term decline in expenditures for monographs.
	17, 20	Division of electronic serial costs between health sciences and sciences has not been consistent. New standards are being implemented in 2004-05.
	22	Now includes 6 FTE professional staff paid from grant funds.
	26	Expenditures for furniture, remodeling, computer hardware and software, and other items were curtailed severely.
	33-36	Includes 6 FTE professional staff and 2 support staff paid from grant funds.
	44	Continues a trend of reduced reliance on interlibrary loan, presumably due to expanded local and state-wide access to e-resources.
IOWA	2	Decrease due to fewer volumes withdrawn.
	5-7	This figure can now be determined more accurately.
	10, 15	Count changed to reflect AAHSL statistics definitions.
	16-20	Since implementing a new ILS expenditures have been coded more accurately. This enables better categorization of expenditures showing large increases in some categories and showing large decreases in others.
JOHNS HOPKINS		Includes Lilienfeld Library at School of Public Health and Harrison Library at Bayview Medical Center. Volumes held June 30, 2003 revised to 409,627.
KANSAS	3, 8	Decreases due to significant thinning of collection.
KENTUCKY		Includes Medical Center Library, Medical Center AV Library and Health

INSTITUTION	QUESTION NUMBER	NOTE
		Information Library.
	16-27, 34-36	Non-recurring funds in the past available from the Chancellor of the Medical Center; non-recurring funds not available in 2003-04.
	19	Includes expenditures for Solinet.
LOUISVILLE		Includes the Health Sciences Campus and the University Hospital Library.
McGILL		All figures are as of May 31, 2004. More precise expenditures are now available.
	16-32	Expenditures as reported in Canadian dollars: (16) \$359,447; (17) \$1,092,848; (18) \$25,821; (19) \$10; (20) \$1,478,126; (21) \$66,798; (22) \$412,432; (23) \$594,976; (24) \$39,938; (25) \$1,047,346; (26) \$141,661; (27) \$2,733,931; (28) \$46,815; (29) \$597,335; (30a) \$0; (30b) \$0; (31) \$18,049; (32) U/A.
McMASTER		
	16-32	Expenditures as reported in Canadian dollars: (16) \$260,477; (17) \$1,107,464; (18) \$15,531; (19) \$40,753; (20) \$1,424,225; (21) \$30,966; (22) \$538,233; (23) \$648,737; (24) \$24,975; (25) \$1,211,945; (26) \$256,778; (27) \$2,923,914; (28) \$11,178; (29) \$716,586; (30a) \$16,534; (30b) \$0; (31) \$68,013; (32) \$68,425.
	6	1,357 free electronic journals were received from the Directory of Open Access Journals.
	19	The Health Sciences Library began subsidizing the Interlending costs in 2003-04.
MIAMI		All figures are as of May 31, 2004. Includes the Louis Calder Memorial Library and two satellite libraries (ophthalmology, psychiatry) located on the medical campus of the University of Miami. Volumes held June 30, 2003 revised to 214,347 to reflect inclusion of the ophthalmology and psychiatry libraries.
	10	Computer files are included in audiovisual total (question 15).
	12-15	Audio-visual materials (cartographic, graphic, audio, film/video) cannot be disaggregated and are reported in (15).
	17	Expenditures include only print titles.
	18	Includes expenditures for electronic serials (\$721,774).
	39-43	Data for two satellite libraries are not available.
MICHIGAN		Includes Medical Library, Dentistry Library, and Public Health Library.
	28	Figure reflects a one-time purchase.
	29-31	Handled centrally.
MINNESOTA		Excludes University of Minnesota at Duluth.
	5	Figure may not include all electronic subscriptions.
	18	Reflects more accurate attribution of expenditures.
MONTREAL		All figures are as of May 31, 2004 and include the Bibliothèque Paramédicale (Nursing Library).
	16-32	Expenditures as reported in Canadian dollars: (16) \$216,726; (17) \$1,746,900; (18) U/A; (19) \$0; (20) \$1,963,626; (21) \$32,722; (22) \$619,937; (23) \$1,170,529; (24) \$0; (25) \$1,790,466; (26) \$10,581; (27) \$3,797,395; (28) \$0; (29) \$857,985; (30a) U/A; (30b) U/A; (31) U/A; (32) U/A.
	18, 30-32	Some expenditures are covered by a central budget and it is not always possible to distribute them among specific libraries.
	16, 21-25	The union strike that took place at Université de Montréal in 2002-03 brought with it some lower figures than expected for that year, which explains some larger expenditures for 2003-04 in comparison.
NEW MEXICO		The UNM Health Sciences Library and Infomatics Center is a separately funded and administered library located on the UNM campus.

INSTITUTION	QUESTION NUMBER	NOTE
NEW YORK		All figures are as of August 31, 2004 and include Ehrman Medical Library, Sterling Forest Library and College of Dentistry Library.
NORTH CAROLINA	20	Part of increase in materials expenditures due to under-reporting in 2002-03. Some materials that should have been counted in that year have been reported in 2003-04 instead. Exact amount of carry-over is unavailable.
NORTHWESTERN	18	Includes: E-books (\$68,209); CAI software (\$22,187); audiovisual (\$2,695).
	19	Includes: Computer software (\$1,181); rental books (\$3,732); memberships (\$2,445).
OHIO		Volumes held June 30, 2003 revised to 146,722.
	4	Figure reflects titles purchased.
	5	Figure represents titles also purchased through the OhioLINK Electronic Journal Center.
	21	Figure is less because more journals are being received electronically and bindery fees are less.
	24	Less student assistants because of less budget for student wages.
	31	Figure is included with the main library's figure and could not be extracted at this time.
	32	Figure cannot be compiled by either InterLibrary Loan staff or accounting specialist.
	41	Figure represents reference questions asked at the Information Desk and does not include phone, chat or email questions.
	42, 43	Less circulation because more journals are electronic as well as monographs.
OHIO STATE		Includes Children's Hospital University Hospitals East.
	1	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.
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, 2004.
	2a, 3	Changes due to weeding in 2003-04 of duplicate volumes, now completed.
	4	Figure reflects purchased volumes received.
	5-7	Increase due to the inclusion of electronic serials for the first time.
	16-32	Expenditures as reported in Canadian dollars: (16) \$134,074; (17) \$1,614,317; (18) U/A; (19) U/A; (20) \$1,748,391; (21) \$18,736; (22) \$296,848; (23) \$372,439; (24) \$49,748; (25) \$719,035; (26) \$117,489; (27) \$2,603,651; (28) U/A; (29) \$849,836; (30a) U/A; (30b) U/A; (31) U/A; (32) U/A.
	44, 45	Data incomplete due to purchase of new system.
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 Eastman Dental Center, Eastman Department of Dentistry, and Center for Oral

INSTITUTION	QUESTION NUMBER	NOTE
		Biology; and Genesee Hospital's Department of Dentistry.
	5, 6	Unable to disaggregate free vs. purchased serials.
	7	The 6% drop is the result of a new, more accurate method for counting current serials received, as opposed to an actual decrease in the number of serials.
	11	Only processed manuscripts and archives are included this year, as opposed to received but unprocessed.
	30b	NYS provides NOVEL databases, but the amount that is spent on our behalf is unknown.
SASKATCHEWAN		All figures are as of April 30, 2004.
	2a	Weeded collection due to space limitations.
	4, 16	Increase due to strength of currency plus grant funding.
	16-32	Expenditures as reported in Canadian dollars: (16) \$185,045; (17) \$750,303; (18) U/A; (19) U/A; (20) \$935,348; (21) \$21,981; (22) \$184,589; (23) \$233,024; (24) \$50,067; (25) \$467,680; (26) U/A; (27) \$1,425,009; (28) U/A; (29) U/A; (30a) U/A; (30b) U/A; (31) U/A; (32) U/A.
	18	Included in monograph expenditures (16).
	43-45	These statistics have dropped due to transition to more electronic resources.
SOUTHERN CALIFORNIA		Includes Medical Library on the Health Sciences Campus, and the Dental Library on the Main Campus.
SOUTHERN ILLINOIS		Include Medical Resource Center-Carbondale, which now reports to the Medical Library. Volumes held June 30, 2003 revised to 165,754 due to addition of MRC.
SUNY-BUFFALO	12-15	Figures are estimated.
	29	This number represents only electronic serials paid directly from the Health Sciences Library budget. Most electronic serials are paid from a central e-resources fund, which is not unit specific.
SUNY-STONY BROOK	17	Includes a \$147,391 prepayment credit.
	39, 40	Decreases reflect staff shortages and a change in what is reported.
TEMPLE		Includes Health Sciences Center Library South and the Temple University School of Podiatric Medicine's Charles E. Krausz Library.
	2a, 3	Substantial percent changes related to high withdrawal figures in 2002-03 (major weeding project at Health Sciences Center Libraries).
	26	Increase reflects expenditures for the migration from print journal subscriptions to e-journal subscriptions purchased through ScienceDirect.
TENNESSEE		Includes data from medical library units located in Memphis, TN and Knoxville, TN. Volumes held June 30, 2003 revised to 213,524 to reflect the inclusion of a previously-excluded branch medical library location.
TEXAS A&M		All figures are as of August 31, 2004.
TEXAS TECH		All figures are as of August 31, 2004 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.
	5	Previously did not include any electronic serials.
	19	Includes: AMIGOS E-Reserve (\$5,535), AMIGOS OCLC (\$18,779), Computer Equipment (\$15,189), Cybertools (\$31,270), Micromedex (\$76,140), Gold Rush Site License (\$3,600), Journal Citation Reports (\$3,678), MD Consult (\$81,000), Occupational Therapy (\$400), OVID (\$38,111), TEXSHARE (\$2,504, BIOMED Central (\$3,698)

INSTITUTION	QUESTION NUMBER	NOTE
UTAH	28, 29 37	Special projects/grants included in total. 2001-02 figure revised to 21,431.
VANDERBILT	2, 3	Decreases due to substantially fewer volumes added and a major weeding program.
VIRGINIA	5-7 22-25	Includes monographic series. Includes fringe benefits.
WASHINGTON		Includes Social Work Library, National Network Regional Medical Library, branch campus at KK Sherwood Library at the Harborview Medical Center. Volumes held June 30, 2003 revised to 364,247. 28-32 Excludes full-text databases or journals that are bundled print plus online.
WASHINGTON U. - St. LOUIS	22-25, 36	Includes Telecommunications staff paid from the library budget, who report to the Director of the Medical Library.
WISCONSIN		Volumes held June 30, 2003 revised to 320,756 to reflect conversion of the Cutter collection and a binding project. 2 Increase in volumes added result of library consolidation and binding and cataloging of serials. 14 Decrease due to consolidation and weeding. 21 Increase due to consolidation. 26 Prior year includes prepay; decrease due to consolidation. 39 Change in presentations due to consolidation and change in format. 42, 43 Circulation figures down; library closed for one month for consolidation and moving.
YALE		Excludes EPH Library. 4 Includes 571 e-books. 23 Increase is high because a gift for the maintenance of the clerical force was included. Gift for 2002-03 wasn't added to total. 2002-03 figure revised to \$555,037. 39 In 2003-04 a new method of data collection was implemented, and as a result the number of presentations increased significantly.

ARL ACADEMIC HEALTH SCIENCES LIBRARY

STATISTICS QUESTIONNAIRE, 2003-04

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 statistical categories can be found in NISO Z39.7-200X, *Draft Information Services and Use: Metrics & statistics for libraries and information providers--Data Dictionary* < <http://www.niso.org/emetrics/current/index.html> >. ARL has gradually modified the interpretation of the standard definitions to accommodate electronic resources based on conventions described in the **ARL Statistics Q&A**. 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 _____

PAGE ONE – VOLUMES

(See instructions, Q1-4.)

1a. Volumes held June 30, 2003. _____
(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 instructions, 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, 2004. (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.)

PAGE TWO – OTHER COLLECTIONS

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:

(Record total number of pieces held June 30, 2004.)

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.*) _____

PAGE THREE – EXPENDITURES (See instruction Q16-27.)

Are the below figures 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; also report figure on 2003-04 ARL Preservation Survey*) _____

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

22. Professional staff. _____

23. Support staff. _____

24. Student assistants. (*See instruction Q24.*) _____

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.*) _____

Electronic Materials Expenditures: (See instructions, Q28-Q32. Round figures to nearest whole number.)

28. Computer files (*one-time/monographic purchases. See instructions, Q28.*) _____

29. Electronic serials. (*See instructions, Q29.*) _____

30. Bibliographic Utilities, Networks, and Consortia. (*See instructions, Q30.*)

30a. From internal library sources. _____

30b. From external sources. _____

31. Computer hardware and software. (*See instructions, Q31.*) _____

32. Document Delivery/Interlibrary Loan. (*See instructions, Q32.*) _____

PAGE FOUR – PERSONNEL AND PUBLIC SERVICES

Personnel: *(See instructions, Q33-36. Round figures to nearest whole number.)*

33. Professional staff, FTE. *(See instruction Q33.)* _____
34. Support staff, FTE. _____
35. Student assistants, FTE. *(See instruction Q35.)* _____
36. Total FTE staff. *(Add lines 33, 34, 35.)* _____

Staffed Service Points and Hours:

37. Number of staffed library service points. *(See instructions, Q37.)* _____
38. Number of weekly public service hours. *(See instructions, Q38.)* _____

Instruction: *(See instructions, Q39-40.)*

39. Number of library presentations to groups *(See instructions, Q39.)* _____
- 39a. Figure based on sampling? _____Yes _____No
40. Number of total participants in group presentations reported on line 39.
(See instructions, Q40.) _____
- 40a. Figure based on sampling? _____Yes _____No

Reference: *(See instructions, Q41.)*

41. Number of reference transactions. _____
- 41a. Figure based on sampling? _____Yes _____No

Circulation: *(See instructions, Q42-43.)*

42. Number of initial circulations (excluding reserves). _____
43. Total circulations (initial and renewals, excluding reserves). _____

Interlibrary Loans: *(See instructions, Q44-45.)*

44. Total number of filled requests for materials **provided** to other libraries. _____
45. Total number of filled requests for materials **received** from other libraries or providers. _____

PAGE FIVE – LOCAL CHARACTERISTICS

Attributes:

53. Basis of volume count is: ☐ Physical. ☐ Bibliographic. (*See instructions, Q53.*)
54. Government documents are included in count of Current Serials. ☐ Yes. ☐ No.
55. Fringe benefits are included in expenditures for salaries and wages. ☐ Yes. ☐ No.
58. Other main campus libraries included: [list in "Footnotes"]
59. Branch Campus Libraries. (*See paragraph six of the General Instructions.*)

Figures include branch CAMPUS libraries:

☐ Yes. ☐ No. ☐ We have only one campus.

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

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

FOOTNOTES (*See instructions, Q60.*)

60. A copy of your library's footnotes as they appeared in the published *ARL Academic Health Sciences Library Statistics 2002-03* 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 **December 1, 2004.**

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

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

ARL STATISTICS QUESTIONNAIRE, 2003-04

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 statistical categories can be found in NISO Z39.7-200X, *Draft Information Services and Use: Metrics & statistics for libraries and information providers--Data Dictionary* <<http://www.niso.org/emetrics/current/index.html>>. ARL has gradually modified the interpretation of the standard definitions to accommodate electronic resources based on conventions described in the **ARL Statistics Q&A**. 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, 2004**. 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 2003-04, 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 54 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 1.34328, the average monthly noon exchange rate published in the Bank of Canada *Review* for the period July 2003-June 2004.) **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 2003-04 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.

Question 24. 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 28-32. Electronic materials expenditures. *These items are intended to indicate what portion of your institution's total library expenditures are dedicated to electronic resources and services. Please use the Footnotes to*

indicate any electronic materials expenditures you believe not to be covered by these questions. **All expenditures recorded in these questions should have been included in Question 27, total library expenditures.**

Question 28. Computer files. Report expenditures that are not current serials (i.e. are non-subscription, one-time, or monographic in nature) for software and machine-readable materials considered part of the collections. Examples include periodical backfiles, literature collections, one-time costs for JSTOR membership, etc. Expenditures reported here may be derived from any of the following categories: Monographs (Q16), Other Library Materials (Q18), Miscellaneous (Q19), or Other Operating Expenditures (Q26).

Question 29. Electronic Serials. Report subscription expenditures (or those which are expected to be ongoing commitments) for serial publications whose primary format is electronic and for online searches of remote databases such as OCLC FirstSearch, DIALOG, Lexis-Nexis, etc. Examples include paid subscriptions for electronic journals and indexes/abstracts available via the Internet, CD-ROM serials, and annual access fees for resources purchased on a “one-time” basis, such as literature collections, JSTOR membership, etc. Not all items whose expenditures are counted here will be included in Total Current Serials (Questions 5-7) or Current Serial Expenditures (Question 17).

Q30a-b. Bibliographic Utilities, Networks, and Consortia. Because it is increasingly common for ARL Libraries to enter into consortial arrangements to purchase access to electronic resources, both “Library” and “External” expenditure blanks and instructions are provided. Please use the Footnotes to describe expenditures that you believe are not covered by the question, or situations that do not seem to fit the instructions.

Q30a. From internal library sources. Report expenditures paid by the Library for services provided by national, regional, and local bibliographic utilities, networks, and consortia, such as OCLC and RLG, unless for user database access and subscriptions, which should be reported in Questions 1 or 2. Include only expenditures that are part of Other Operating Expenditures (Q26).

Q30b. From external sources. If your library receives access to computer files, electronic serials or search services through one or more centrally-funded system or consortial arrangements for which it does not pay fully and/or directly (for example, funding is provided by the state on behalf of all members), enter the amount paid by external bodies on its behalf. If the specific dollar amount is not known, but the total student FTE for the consortium and amount spent for the academic members are known, divide the overall amount spent by your institution’s share of the total student FTE.

Q31. Computer hardware and software. Report expenditures from the library budget for computer hardware and software used to support library operations, whether purchased or leased, mainframe or microcomputer, and whether for staff or public use. Include expenditures for: maintenance; equipment used to run information service products when those expenditures can be separated from the price of the product; telecommunications infrastructure costs, such as wiring, hubs, routers, etc. Include only expenditures that are part of Other Operating Expenditures (Q26)s.

Q32. Document Delivery/Interlibrary Loan. Report expenditures for document delivery and interlibrary loan services (both borrowing and lending). Include fees paid for photocopies, costs of telefacsimile transmission, royalties and access fees paid to provide document delivery or interlibrary loan. Include fees paid to bibliographic utilities if the portion paid for interlibrary loan can be separately counted. Include only expenditures that are part of Miscellaneous Materials Expenditures (Q19) or Other Operating Expenditures (Q26), and only for those ILL/DD programs with data recorded in Questions 44-45.

Questions 33-36. 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 33. 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 35. Student Assistants. Report the total FTE (see instruction Q33-36) of student assistants employed on an hourly basis whose wages are paid from funds under library control or from a budget other than the library’s, including federal work-study programs. Exclude maintenance and custodial staff.

Question 37. Number of staffed library service points. Count the number of staffed public service points in the main library and in all branch libraries reported in this inventory, including reference desks, information desks, circulation, current periodicals, reserve rooms, reprographic services (if staffed as a public facility), etc. Report the number of designated locations, not the number of staff.

Question 38. Number of weekly public service hours. Report an unduplicated count of the total public service hours per typical full-service week (i.e., no holidays or other special accommodations) across both main library and branches using the following method (corresponds to IPEDS): If a library is open from 9:00 a.m. to 5:00 p.m. Monday through Friday, it should report 40 hours per week. If several of its branches are also open during these hours, the figure remains 40 hours per week. Should Branch A also be open one evening from 7:00 p.m. to 9:00 p.m., the total hours during which users can find service somewhere within the system becomes 42 hours per week. If Branch B is open the same hours on the same evening, the count is still 42, but if Branch B is open two hours on another evening, or remains open two hours later, the total is then 44 hours per week. **Exclude 24-hour unstaffed reserve or similar reading rooms.** The maximum total is 168 (i.e., a staffed reading room open 7 days per week, 24 hours per day).

Questions 39-40. Instruction. Sampling based on a typical week may be used to extrapolate TO A FULL YEAR for Questions 39 and 40. Please indicate if responses are based on sampling.

Question 39. 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 40. Participants in Group Presentations. Report the total number of participants in the presentations reported on line 39. 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 41. Please indicate if the figure is based on sampling. Use the “Footnotes” section to describe any special situations.

Question 41. 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 41. 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 42-43. Circulation. For Question 42, 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 43, report total circulation for the fiscal year including initial transactions reported on line 42 and renewal transactions. Exclude reserve circulations; these are no longer reported.

Questions 44-45. Interlibrary Loans. Report the number of requests for material (both returnables and non-returnables) provided to other libraries on line 44 and the number of filled requests for material received from libraries or other providers on line 45. 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 46. Ph.D. Degrees. Report the number awarded during the 2003-04 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 47. 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 48. Instructional Faculty. Instructional faculty are defined by the U.S. Dept. of Education as

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

Full-time counts generally exclude faculty who are employed to teach fewer than two semesters, three quarters, two trimesters, or two four-month sessions; replacements for faculty on sabbatical leave or leave without pay; faculty for preclinical and clinical medicine; faculty who are donating their services; faculty who are members of military organizations and paid on a different pay scale from civilian employees; academic officers, whose primary duties are administrative; and graduate students who assist in the instruction of courses. Please be sure the number reported, and the basis for counting, are consistent with those for 2002-03 (unless in previous years faculty were counted who should have been excluded according to the above definition). Please footnote any discrepancies.

Questions 49-52. Enrollment. U.S. libraries should use the Fall 2003 enrollment figures reported to the Department of Education on the form entitled "Integrated Postsecondary Education Data System, Fall Enrollment 2003." 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 53: Basis of Volume Count. A physical count is a piece count; a bibliographic count is a catalog record count.

Question 60. 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 **December 1, 2004.**

Please contact Martha Kyrillidou <martha@arl.org> or Mark Young <stats-ra@arl.org> or
at (202) 296-2296 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.

<u>Institution</u>	<u>Category</u>	<u>Full Name of Institution</u>	<u>Location</u>
Alabama	S	University of Alabama	Tuscaloosa, Alabama
Alberta	C	University of Alberta	Edmonton, Alberta
Arizona	S	University of Arizona	Tucson, Arizona
Arizona State	S	Arizona State University	Tempe, Arizona
Auburn	S	Auburn University	Auburn, Alabama
Boston	P	Boston University	Boston, Massachusetts
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

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

<u>Institution</u>	<u>Category</u>	<u>Full Name of Institution</u>	<u>Location</u>
Michigan	S	University of Michigan	Ann Arbor, Michigan
Michigan State	S	Michigan State University	East Lansing, Michigan
Minnesota	S	University of Minnesota	Minneapolis, Minnesota
Missouri	S	University of Missouri	Columbia, Missouri
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.

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