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WASHINGTON, D.C.
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ARL ACADEMIC
HEALTH SCIENCES
LIBRARY STATISTICS
2004-05

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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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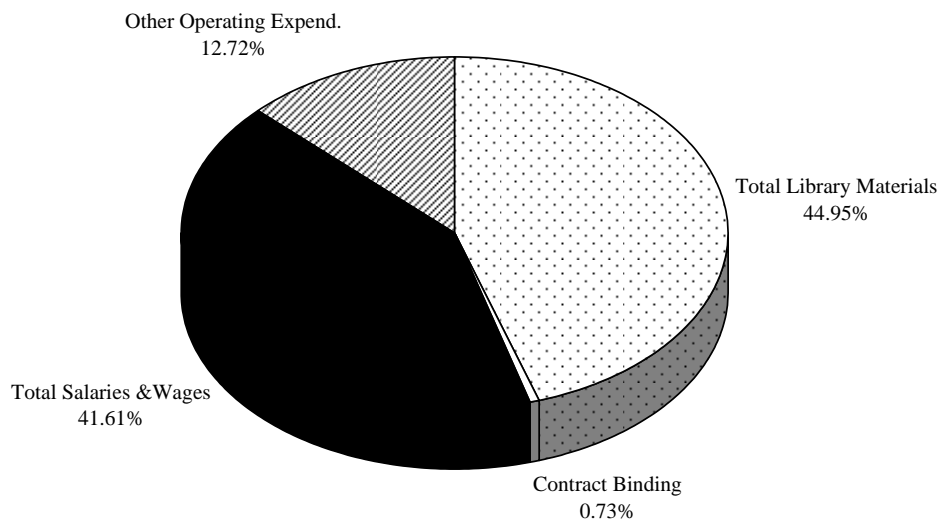
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HIGHLIGHTS
ARL ACADEMIC HEALTH SCIENCES LIBRARY STATISTICS, 2004-05

- Out of 113 ARL university libraries, 67 responded to this survey.¹
- Health Sciences libraries reported median values of 243,011 volumes held and 4,041 gross volumes added. The full-time equivalent of 2,537 staff were employed by these libraries during the year.
- Responding libraries reported total expenditures of \$229,669,155.² As seen in the graph below, library materials made up the largest portion of that total, with 44.95% of aggregated expenses falling under that category.
- Health sciences libraries reported a total of \$40,211,607 on electronic materials, or a median of 42.85% of their total materials budgets. This includes a total of \$36,656,698 on electronic serials.

Expenditures in ARL Health Sciences Libraries, 2004-05



¹ 70 university libraries reported a Health Sciences library on the 2004-05 *ARL Statistics*. British Columbia, Brown, Laval, Manitoba, Missouri, and Wayne State included Health Sciences library data with the *ARL Statistics*, but did not respond to this survey. Cornell and Indiana did not include a Health Sciences library on the *ARL Statistics*, but submitted a response to this survey.

² This figure includes Canadian universities, whose expenditures were converted to U.S. dollars at the rate of 1.24971 Can\$ = 1 US\$, the average monthly noon exchange rate published in the *Bank of Canada Review* for the period July 2004-June 2005.

**ARL HEALTH SCIENCES LIBRARY DATA TABLES
2004-05**

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2004-05

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)	(1.b.i)	(1.b)	(2)	(4.a)	(4.b)	(4)
INSTITUTION								
ALABAMA	BG+	17,572	440	-21	55	226	56	282
ALBERTA	G+	246,693	4,806	4,806	UA/NA	UA/NA	UA/NA	UA/NA
ARIZONA	BG+	237,140	3,626	3,458	740	UA/NA	UA/NA	6,005
BOSTON	G	143,603	3,007	2,823	797	1,532	578	2,110
CALIFORNIA, DAVIS	G+	359,673	5,552	1,655	1,826	1,039	589	1,628
CALIFORNIA, IRVINE	BG	292,742	5,543	4,928	3,559	2,478	701	3,179
CALIFORNIA, LOS ANGELES	G	643,095	9,212	8,785	2,854	UA/NA	UA/NA	4,403
CALIFORNIA, SAN DIEGO	G+	243,011	6,150	5,436	2,076	3,862	776	4,638
CASE WESTERN RESERVE	G+	409,774	4,129	1,561	809	2,219	6,416	8,635
CHICAGO	G+	770,909	15,409	13,998	2,376	6,514	195	6,709
CINCINNATI	G+	297,130	4,981	3,316	1,669	2,327	127	2,454
COLUMBIA		556,172	5,599	5,124	1,766	4,389	0	4,389
CONNECTICUT	G	201,767	4,041	1,471	1,492	1,493	10	1,503
CORNELL	+	183,249	6,375	4,371	1,011	4,469	25	4,494
DARTMOUTH	G+	261,089	3,364	345	694	1,679	244	1,923
DUKE	B	290,524	2,670	2,388	913	1,210	4	1,214
EMORY	+	235,857	3,929	3,891	903	1,573	12	1,585
FLORIDA	G+	356,148	9,870	8,102	2,131	1,622	42	1,664
FLORIDA STATE	+	8,409	264	264	264	UA/NA	UA/NA	846
GEORGE WASHINGTON	BG+	130,822	1,673	207	1,308	2,179	1,146	3,325
GEORGETOWN	BG+	139,300	2,456	-1,441	565	2,273	7	2,280
HARVARD	G+	705,676	4,296	-1,808	UA/NA	UA/NA	UA/NA	2,428
HOWARD	B	133,284	182	182	162	831	0	831
ILLINOIS, CHICAGO	G+	709,321	11,056	6,201	4,346	5,103	140	5,243
INDIANA		269,928	5,261	5,130	935	1,845	55	1,900
IOWA	+	346,607	51,066	24,717	2,460	7,109	10	7,119
JOHNS HOPKINS		414,144	3,617	2,159	715	3,335	360	3,695
KANSAS	+	170,256	1,835	1,770	635	6,726	5,773	12,499
KENTUCKY	G	232,628	4,529	4,474	1,436	3,392	85	3,477
LOUISIANA STATE		47,695	1,459	1,255	191	516	106	622
LOUISVILLE	G	241,626	4,859	4,859	4,859	3,659	0	3,659
MCGILL	G+	348,416	5,438	5,339	UA/NA	1,511	265	1,776
MCMASTER	G+	160,593	3,518	-1,358	2,128	3,744	472	4,216
MIAMI	G+	224,880	6,302	5,718	526	1,082	304	1,386
MICHIGAN	G	555,923	11,985	11,985	5,954	4,548	223	4,771
MINNESOTA	BG+	490,132	15,041	12,271	1,267	1,583	125	1,708
MONTREAL	G+	329,875	4,213	2,523	2,412	2,955	748	3,703
NEW MEXICO	+	167,302	1,673	-4,972	383	1,827	389	2,216
NEW YORK	G+	219,174	6,936	1,520	1,731	11,213	1,028	12,241

+ - See Footnotes
 UA/NA - Unavailable or Not Applicable

G - Government documents not included in serials count
 B - Includes branch campuses

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2004-05

COLLECTIONS

Microform Units	Government Documents	Computer Files	Archives And Manus.	Carto- graphic Materials	Graphic Materials	Audio Materials	Video and Film	(Survey Question #) INSTITUTION
(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
0	0	121	0	0	5,712	458	446	ALABAMA
20,019	0	UA/NA	255	0	0	0	784	ALBERTA
4,736	0	359	15	34	71,179	584	5,003	ARIZONA
27	0	130	712	0	17,700	325	225	BOSTON
16,652	0	159	0	0	364	3,510	233	CALIFORNIA, DAVIS
346,179	20,488	1,176	454	1,316	8,599	1,373	1,131	CALIFORNIA, IRVINE
64,619	0	1,780	718	3	43,984	3,540	1,595	CALIFORNIA, LOS ANGELES
16,630	0	810	0	0	4,370	2,667	9	CALIFORNIA, SAN DIEGO
3,752	0	279	850	0	51,833	1,300	1,319	CASE WESTERN RESERVE
255,557	0	0	0	0	0	0	2,220	CHICAGO
6,860	0	272	2,911	0	40,089	1,897	1,404	CINCINNATI
52,822	UA/NA	527	3,122	UA/NA	UA/NA	UA/NA	UA/NA	COLUMBIA
0	0	521	0	0	293	71	1,335	CONNECTICUT
0	0	UA/NA	UA/NA	0	0	29	858	CORNELL
13,059	0	242	0	1	20,340	6,304	1,733	DARTMOUTH
193	0	186	9,859	93	533,836	860	2,412	DUKE
60	UA/NA	790	222	UA/NA	UA/NA	UA/NA	2,660	EMORY
6,191	0	1,245	0	0	0	820	2,728	FLORIDA
0	0	94	0	0	0	0	0	FLORIDA STATE
0	0	432	0	0	3,931	1,281	1,544	GEORGE WASHINGTON
UA/NA	UA/NA	15	UA/NA	UA/NA	243	22	279	GEORGETOWN
2,023	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	HARVARD
675	0	0	0	0	0	460	782	HOWARD
61,616	0	232	1,166	0	5,921	2,078	4,441	ILLINOIS, CHICAGO
6,856	0	469	211	0	33	0	314	INDIANA
31,275	0	UA/NA	0	0	429	UA/NA	186	IOWA
9,463	0	516	0	0	421	850	1,289	JOHNS HOPKINS
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	KANSAS
2	0	11	0	0	31,598	1,272	1,218	KENTUCKY
UA/NA	UA/NA	116	UA/NA	UA/NA	UA/NA	UA/NA	702	LOUISIANA STATE
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	LOUISVILLE
11,169	0	428	854	0	0	33	6,323	MCGILL
5,241	0	962	779	0	10	1,020	1,074	MCMASTER
2,837	0	UA/NA	581	UA/NA	UA/NA	UA/NA	3,323	MIAMI
632	0	661	0	0	2,947	209	225	MICHIGAN
66,310	0	284	2	7	UA/NA	UA/NA	UA/NA	MINNESOTA
31,540	0	381	0	0	12,727	997	1,754	MONTREAL
1	0	1,002	1,807	0	7,180	682	1,680	NEW MEXICO
11	0	738	947	0	8,861	298	1,680	NEW YORK

UA/NA - Unavailable or Not Applicable

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2004-05

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)	(1.b.i)	(1.b)	(2)	(4.a)	(4.b)	(4)
INSTITUTION								
NORTH CAROLINA	G	328,404	5,397	4,917	2,364	2,997	992	3,989
NORTHWESTERN	G+	277,290	3,708	2,133	1,057	UA/NA	UA/NA	3,749
OHIO	B	150,997	2,479	2,467	1,134	4,830	476	5,306
OHIO STATE	G+	295,553	5,266	4,364	1,536	3,368	2,555	5,923
OKLAHOMA	G	307,081	6,833	6,821	52	3,987	592	4,579
OKLAHOMA STATE	BG+	58,596	1,877	617	462	UA/NA	UA/NA	6,048
PENNSYLVANIA	+	199,524	3,844	3,050	UA/NA	3,503	-	3,503
PENNSYLVANIA STATE	G	113,563	2,316	2,224	677	6,787	571	7,358
PITTSBURGH	BG	475,577	9,671	6,133	6,951	4,641	225	4,866
QUEEN'S	B+	145,631	1,837	-69	1,340	3,214	236	3,450
ROCHESTER	BG+	258,462	4,934	4,370	1,098	UA/NA	UA/NA	3,892
SASKATCHEWAN	G+	181,987	3,470	2,688	1,508	UA/NA	UA/NA	UA/NA
SOUTH CAROLINA	B	119,323	1,713	947	1,520	2,651	26,451	29,102
SOUTHERN CALIFORNIA	G	212,783	5,208	-167	1,919	3,628	379	4,007
SOUTHERN ILLINOIS		172,613	3,456	3,025	1,382	1,256	4,206	5,462
SUNY-BUFFALO	G+	347,688	4,137	1,518	1,034	2,024	980	3,004
SUNY-STONY BROOK	B	280,377	1,959	1,956	286	2,181	1,345	3,526
TEMPLE	BG+	135,061	1,863	1,854	905	4,601	71	4,672
TENNESSEE	G+	209,980	2,030	1,393	398	3,437	472	3,909
TEXAS TECH	+	297,414	6,110	5,025	2,394	9,947	1,861	11,808
TULANE	+	149,234	2,244	-12,167	904	UA/NA	UA/NA	1,499
UTAH	BG+	212,577	3,947	-4,387	1,039	1,689	2,049	3,738
VANDERBILT	G	202,110	1,629	839	186	3,700	545	4,245
VIRGINIA		195,296	2,070	-1,919	562	2,179	102	2,281
WASHINGTON	BG	375,933	7,005	5,328	1,766	UA/NA	UA/NA	1,597
WASHINGTON U.-ST. LOUIS	G+	296,592	3,970	3,454	2,610	2,595	438	3,033
WISCONSIN		314,622	1,546	-1,035	1,110	2,462	346	2,808
YALE	G+	454,390	10,462	9,892	6,242	UA/NA	UA/NA	9,272

SUMMARY DATA

High	770,909	51,066	24,717	6,951	11,213	26,451	29,102
Mean	277,027	5,333	3,175	1,593	3,232	1,292	4,360
Median	243,011	4,041	2,523	1,134	2,651	379	3,695
Low	8,409	182	-12,167	52	226	4	282
Totals	18,560,797	357,343	212,703	100,384	177,740	65,903	283,382
Number of Libraries	67	67	67	63	55	51	65

+ - See Footnotes
 UA/NA - Unavailable or Not Applicable

G - Government documents not included in serials count
 B - Includes branch campuses

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2004-05

COLLECTIONS

Microform Units	Government Documents	Computer Files	Archives and Manus.	Carto- graphic Materials	Graphic Materials	Audio Materials	Video and Film	(Survey Question #) INSTITUTION
(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
34,558	0	408	0	0	820	3,512	1,024	NORTH CAROLINA
UA/NA	0	676	UA/NA	0	UA/NA	470	1,104	NORTHWESTERN
17,549	31,366	130	139	0	17	39	1,698	OHIO
109	0	593	934	1,650	8,176	576	996	OHIO STATE
650	0	83	5,098	0	0	0	5,931	OKLAHOMA
44,260	1,028	600	114	3	117,431	1,957	1,743	OKLAHOMA STATE
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	PENNSYLVANIA
0	0	584	69	0	743	76	387	PENNSYLVANIA STATE
68,530	0	2,333	0	0	7	2,110	4,153	PITTSBURGH
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	QUEEN'S
0	0	74	1,020	0	5,000	65	77	ROCHESTER
2,290	0	494	0	0	10,986	168	87	SASKATCHEWAN
4,991	0	0	0	0	0	0	926	SOUTH CAROLINA
8,628	0	732	35	0	15,233	2,576	756	SOUTHERN CALIFORNIA
6,514	1,020	125	410	0	0	2,574	3,404	SOUTHERN ILLINOIS
41,284	UA/NA	579	UA/NA	0	63,485	730	3,477	SUNY-BUFFALO
0	0	1	0	0	0	0	0	SUNY-STONY BROOK
60	0	127	0	0	0	0	1,317	TEMPLE
0	0	178	205	0	0	46	2,471	TENNESSEE
2,550	0	2,574	750	0	786	4,678	6,701	TEXAS TECH
200	0	0	50	0	4,694	0	0	TULANE
15,097	UA/NA	1,022	UA/NA	0	2,450	36	1,428	UTAH
9,119	0	769	3,877	2	5,308	2,483	1,272	VANDERBILT
15,296	0	296	1,050	0	31,172	1,304	2,773	VIRGINIA
85,184	UA/NA	697	UA/NA	11	909	264	606	WASHINGTON
1,776	0	582	2,461	0	287	367	824	WASHINGTON U.-ST. LOUIS
5,804	6,182	81	6,382	0	92	913	1,187	WISCONSIN
15,645	UA/NA	282	516	UA/NA	10,626	1,467	467	YALE

SUMMARY DATA

346,179	31,366	2,574	9,859	1,650	533,836	6,304	6,701	High
27,786	12,017	536	1,429	312	26,763	1,263	1,714	Mean
6,860	6,182	430	734	9	5,308	850	1,289	Median
1	1,020	1	2	1	7	22	9	Low
1,417,101	60,084	28,958	48,575	3,120	1,150,822	59,351	97,718	Sum
51	5	54	34	10	43	47	57	Number of Libraries

UA/NA - Unavailable or Not Applicable

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2004-05

EXPENDITURES

(Survey Question #)		Monographs	Current Serials	Other Library Materials	Misc. Materials	Total Library Materials	Contract Binding
(15a)	(15b)	(15c)	(15d)	(15)	(16)		
INSTITUTION	Notes						
ALABAMA	BG+	6,195	109,975	UA/NA	0	116,170	3,285
ALBERTA	G+	234,872	436,028	0	0	670,900	15,221
ARIZONA	BG+	65,731	1,157,541	59,500	1,725	1,284,497	17,938
BOSTON	G	37,722	971,489	0	0	1,009,211	29,731
CALIFORNIA, DAVIS	G+	217,472	410,987	125,446	17,619	771,524	9,747
CALIFORNIA, IRVINE	BG	214,181	570,868	46,072	UA/NA	831,121	10,043
CALIFORNIA, LOS ANGELES	G	358,576	1,279,084	0	UA/NA	1,637,660	65,134
CALIFORNIA, SAN DIEGO	G+	189,793	1,614,909	112	0	1,804,814	41,248
CASE WESTERN RESERVE	G+	84,307	1,261,247	0	57,210	1,402,764	30,035
CHICAGO	G+	279,137	3,413,293	65,752	0	3,758,182	76,500
CINCINNATI	G+	165,611	1,512,628	7,893	186,467	1,872,599	17,799
COLUMBIA		176,960	1,856,829	1,458	70,200	2,105,447	38,037
CONNECTICUT	G	145,010	1,441,100	31,527	0	1,617,637	20,000
CORNELL	+	228,104	1,751,051	2,597	228,117	2,209,869	30,827
DARTMOUTH	G+	71,407	857,275	5,175	0	933,857	21,203
DUKE	B	105,086	1,112,493	40,263	208,241	1,466,083	10,937
EMORY	+	68,422	1,717,379	11,059	292,007	2,088,867	35,164
FLORIDA	G+	121,700	1,784,716	13,036	UA/NA	1,919,452	37,576
FLORIDA STATE	+	24,120	297,540	UA/NA	198,360	520,020	0
GEORGE WASHINGTON	BG+	175,002	1,065,647	33,035	103,739	1,377,423	23,253
GEORGETOWN	BG+	3,664	951,460	265,743	UA/NA	1,220,867	4,705
HARVARD	G+	215,883	1,186,444	1,243,291	0	2,645,618	25,899
HOWARD	B	21,445	925,800	14,500	17,500	979,245	25,000
ILLINOIS, CHICAGO	G+	212,158	1,488,326	372,023	0	2,072,507	42,022
INDIANA		71,051	1,322,583	588,500	0	1,982,134	28,384
IOWA	+	168,402	1,412,636	212,322	47,792	1,841,152	UA/NA
JOHNS HOPKINS		110,579	1,692,900	120	0	1,803,599	23,944
KANSAS	+	74,326	923,218	84,122	0	1,081,666	6,923
KENTUCKY	G	148,380	1,215,116	7,168	187,042	1,557,706	23,349
LOUISIANA STATE		17,908	381,846	0	0	399,754	7,894
LOUISVILLE	G	59,385	1,444,397	0	5,876	1,509,658	28,918
MCGILL	G+	161,207	920,705	124,156	36,006	1,242,074	27,218
MCMASTER	G+	191,720	889,252	13,509	32,716	1,127,197	24,188
MIAMI	G+	92,794	578,291	928,821	6,000	1,605,906	39,628
MICHIGAN	G	340,378	1,237,329	233,059	UA/NA	1,810,766	UA/NA
MINNESOTA	BG+	509,011	1,175,006	120,753	22,460	1,827,230	83,745
MONTREAL	G+	143,747	1,575,907	0	0	1,719,654	30,197
NEW MEXICO	+	32,486	774,884	378	82,644	890,392	17,134
NEW YORK	G+	168,728	1,830,366	37,523	4,332	2,040,949	37,118

+ - See Footnotes
 UA/NA - Unavailable or Not Applicable

G - Government documents not included in serials count
 B - Includes branch campuses

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2004-05

EXPENDITURES

Salaries & Wages: Professional	Salaries & Wages: Support	Salaries & Wages: Student Asst.	Total Salaries & Wages	Other Operating Expenditures	Total Library Expenditures	(Survey Question #) INSTITUTION
(17a)	(17b)	(17c)	(17)	(19)	(20)	
72,729	54,494	0	127,223	20,502	267,180	ALABAMA
397,287	293,702	30,521	721,509	UA/NA	1,407,631	ALBERTA
1,005,795	956,436	70,011	2,032,242	519,297	3,853,974	ARIZONA
635,795	278,551	68,249	982,595	368,186	2,389,723	BOSTON
690,681	589,615	95,834	1,376,130	122,627	2,280,028	CALIFORNIA, DAVIS
365,329	581,637	75,502	1,022,468	245,644	2,109,276	CALIFORNIA, IRVINE
1,076,243	711,346	343,206	2,130,795	574,832	4,408,421	CALIFORNIA, LOS ANGELES
641,644	595,815	89,027	1,326,486	446,098	3,618,646	CALIFORNIA, SAN DIEGO
589,514	319,343	135,941	1,044,798	146,777	2,624,374	CASE WESTERN RESERVE
140,262	214,596	32,531	387,389	93,600	4,315,671	CHICAGO
2,504,469	281,647	185,385	2,971,501	511,695	5,373,594	CINCINNATI
942,601	433,177	5,673	1,381,451	92,178	3,617,113	COLUMBIA
946,068	633,285	84,740	1,664,093	53,518	3,355,248	CONNECTICUT
545,129	1,166,790	0	1,711,919	167,740	4,120,355	CORNELL
526,934	409,836	26,426	963,196	292,157	2,210,413	DARTMOUTH
1,159,007	677,195	0	1,836,202	374,357	3,687,579	DUKE
565,260	812,595	19,947	1,397,802	297,242	3,819,075	EMORY
1,407,158	871,808	94,711	2,373,677	383,896	4,714,601	FLORIDA
214,630	27,940	45,000	287,570	37,409	844,999	FLORIDA STATE
871,921	522,686	100,071	1,494,678	193,133	3,088,487	GEORGE WASHINGTON
469,527	394,994	113,979	978,500	293,437	2,497,509	GEORGETOWN
1,565,016	960,475	0	2,525,491	1,047,151	6,244,159	HARVARD
431,062	512,149	37,490	980,701	40,000	2,024,946	HOWARD
UA/NA	UA/NA	UA/NA	UA/NA	64,117	2,178,646	ILLINOIS, CHICAGO
743,871	779,653	35,788	1,559,312	679,024	4,248,854	INDIANA
616,570	506,792	150,327	1,273,689	136,473	3,251,314	IOWA
1,556,052	1,274,758	0	2,830,810	2,100,296	6,758,649	JOHNS HOPKINS
449,417	545,906	87,238	1,082,561	405,683	2,576,833	KANSAS
839,369	287,419	75,469	1,202,257	204,908	2,988,220	KENTUCKY
101,864	115,393	2,400	219,657	28,418	655,723	LOUISIANA STATE
395,051	381,031	46,121	822,203	104,702	2,465,481	LOUISVILLE
392,759	422,205	39,879	854,843	226,583	2,350,717	MCGILL
420,300	542,646	40,201	1,003,146	147,281	2,301,812	MCMASTER
1,228,140	428,213	0	1,656,353	269,008	3,570,895	MIAMI
521,778	717,630	189,224	1,428,632	17,957	3,257,355	MICHIGAN
482,159	915,171	308,561	1,705,891	725,272	4,342,138	MINNESOTA
540,218	911,466	0	1,451,684	15,899	3,217,434	MONTREAL
1,697,778	1,285,209	28,895	3,011,882	1,020,901	4,940,309	NEW MEXICO
1,590,602	921,204	110,814	2,622,620	614,298	5,314,985	NEW YORK

UA/NA - Unavailable or Not Applicable

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2004-05

EXPENDITURES

(Survey Question #)		Monographs	Current Serials	Other Library Materials	Misc. Materials	Total Library Materials	Contract Binding
INSTITUTION	Notes	(15a)	(15b)	(15c)	(15d)	(15)	(16)
NORTH CAROLINA	G	180,817	2,325,984	6,932	0	2,513,733	35,000
NORTHWESTERN	G+	84,486	1,371,489	138,124	6,287	1,600,386	29,460
OHIO	B	41,119	210,686	0	0	251,805	1,840
OHIO STATE	G+	133,250	1,326,222	4,357	6,527	1,470,356	21,549
OKLAHOMA	G	3,443	1,116,399	304,355	0	1,424,197	35,991
OKLAHOMA STATE	BG+	33,874	222,429	30,155	225	286,683	4,773
PENNSYLVANIA	+	171,202	1,741,905	268	UA/NA	1,913,375	20,076
PENNSYLVANIA STATE	G	39,251	1,289,689	0	241,841	1,570,781	15,321
PITTSBURGH	BG	355,451	2,845,491	111,482	146,535	3,458,959	35,606
QUEEN'S	B+	140,675	1,146,555	UA/NA	UA/NA	1,287,230	11,788
ROCHESTER	BG+	75,472	1,297,012	225,201	0	1,597,685	31,570
SASKATCHEWAN	G+	106,942	738,855	UA/NA	UA/NA	845,797	13,458
SOUTH CAROLINA	B	50,443	413,503	63,071	0	527,017	1,275
SOUTHERN CALIFORNIA	G	230,506	1,874,778	33,314	93,716	2,232,314	55,254
SOUTHERN ILLINOIS		70,811	706,161	60	30,383	807,415	13,708
SUNY-BUFFALO	G+	176,503	613,363	9,050	0	798,916	18,795
SUNY-STONY BROOK	B	58,474	998,786	110,397	9,370	1,177,027	0
TEMPLE	BG+	43,520	1,235,052	80,242	2,749	1,361,563	20,066
TENNESSEE	G+	27,982	1,385,373	26,142	26,546	1,466,043	9,944
TEXAS TECH	+	220,260	1,515,154	34,543	263,743	2,033,700	29,329
TULANE	+	73,554	920,107	0	43,345	1,037,006	10,638
UTAH	BG+	98,654	1,021,586	77,921	15,611	1,213,772	21,172
VANDERBILT	G	242,693	2,004,584	11,233	97,778	2,356,288	15,423
VIRGINIA		87,854	1,330,793	377,142	9,976	1,805,765	6,571
WASHINGTON	BG	156,361	2,235,968	12,781	UA/NA	2,405,110	34,547
WASHINGTON U.-ST. LOUIS	G+	150,050	2,265,265	6,242	72,766	2,494,323	34,321
WISCONSIN		66,044	1,174,129	1,465	299,579	1,541,217	96,881
YALE	G+	909,661	2,014,028	68,108	UA/NA	2,991,797	45,246

SUMMARY DATA

High	909,661	3,413,293	1,243,291	299,579	3,758,182	96,881
Mean	145,403	1,252,088	121,160	85,758	1,540,693	26,659
Median	121,700	1,235,052	34,543	43,345	1,541,217	23,944
Low	3,443	109,975	60	225	116,170	1,275
Totals	9,742,011	83,889,891	6,421,498	3,173,030	103,226,431	1,679,544
Number of Libraries	67	67	53	37	67	63

+ - See Footnotes
 UA/NA - Unavailable or Not Applicable

G - Government documents not included in serials count
 B - Includes branch campuses

ARL HEALTH SCIENCES LIBRARY DATA TABLES 2004-05

EXPENDITURES

Salaries & Wages: Professional	Salaries & Wages: Support	Salaries & Wages: Student Asst.	Total Salaries & Wages	Other Operating Expenditures	Total Library Expenditures	(Survey Question #) INSTITUTION
(17a)	(17b)	(17c)	(17)	(19)	(20)	
1,701,911	1,041,776	191,751	2,935,438	902,374	6,386,545	NORTH CAROLINA
817,733	494,936	16,772	1,329,441	201,971	3,161,258	NORTHWESTERN
207,108	172,785	36,421	416,314	298,793	968,752	OHIO
1,024,749	558,866	50,746	1,634,361	352,759	3,479,025	OHIO STATE
323,675	560,707	74,963	959,345	538,920	2,958,453	OKLAHOMA
151,144	167,852	42,840	361,836	202,834	856,126	OKLAHOMA STATE
672,285	652,095	167,272	1,491,652	346,248	3,771,351	PENNSYLVANIA
278,697	343,151	7,899	629,747	7,717	2,223,566	PENNSYLVANIA STATE
1,370,700	968,419	73,266	2,412,385	532,150	6,439,100	PITTSBURGH
210,637	338,395	36,320	585,352	273,447	2,157,817	QUEEN'S
1,044,576	290,774	40,626	1,375,976	371,875	3,377,106	ROCHESTER
207,544	184,167	39,426	431,137	UA/NA	1,290,391	SASKATCHEWAN
318,691	274,968	22,153	615,812	107,376	1,251,480	SOUTH CAROLINA
982,416	715,030	173,372	1,870,818	559,491	4,717,877	SOUTHERN CALIFORNIA
364,518	440,930	13,535	818,983	76,951	1,717,057	SOUTHERN ILLINOIS
939,548	321,624	113,885	1,375,057	133,244	2,326,012	SUNY-BUFFALO
1,325,971	292,152	121,044	1,739,167	368,641	3,284,835	SUNY-STONY BROOK
575,769	297,680	48,088	921,537	61,265	2,364,431	TEMPLE
904,214	361,939	8,911	1,275,064	539,339	3,290,390	TENNESSEE
913,500	568,877	206,286	1,688,663	298,567	4,050,259	TEXAS TECH
382,313	284,609	11,220	678,142	154,744	1,880,530	TULANE
865,146	713,200	149,162	1,727,508	1,276,963	4,239,415	UTAH
1,347,336	557,090	29,350	1,933,776	606,463	4,911,950	VANDERBILT
915,644	706,111	929	1,622,684	530,781	3,965,801	VIRGINIA
1,377,173	757,132	157,603	2,291,908	1,893,598	6,625,163	WASHINGTON
3,190,400	1,275,480	101,800	4,567,680	5,148,904	12,245,228	WASHINGTON U.-ST. LOUIS
1,095,843	576,423	123,000	1,795,266	111,042	3,544,406	WISCONSIN
1,034,098	560,600	32,818	1,627,516	227,906	4,892,465	YALE

SUMMARY DATA

3,190,400	1,285,209	343,206	4,567,680	5,148,904	12,245,228	High
816,414	557,766	82,383	1,447,826	449,333	3,427,898	Mean
681,483	544,276	68,249	1,378,791	292,157	3,284,835	Median
72,729	27,940	929	127,223	7,717	267,180	Low
53,883,328	36,812,576	4,860,618	95,556,521	29,206,659	229,669,155	Sum
66	66	59	66	65	67	Number of Libraries

UA/NA - Unavailable or Not Applicable

ARL HEALTH SCIENCES LIBRARY DATA TABLES, 2004-05

EXPENDITURES FOR ELECTRONIC RESOURCES

(Survey Question #)		Computer Files	Electronic Serials	Total E-Materials	Total Materials	E-Materials As % Of Lib. Materials
		(21)	(22)	(21 + 22)	(15)	
INSTITUTION	Notes					
ALABAMA	BG+	0	35,715	35,715	116,170	30.74
ALBERTA	G+	68,592	271,965	340,557	670,900	50.76
ARIZONA	BG+	0	730,199	730,199	1,284,497	56.85
BOSTON	G	0	95,500	95,500	1,009,211	9.46
CALIFORNIA, DAVIS	G+	119,617	651,408	771,025	771,524	99.94
CALIFORNIA, IRVINE	BG	198,221	219,546	417,767	831,121	50.27
CALIFORNIA, LOS ANGELES	G	UA/NA	UA/NA	UA/NA	1,637,660	UA/NA
CALIFORNIA, SAN DIEGO	G+	0	774,944	774,944	1,804,814	42.94
CASE WESTERN RESERVE	G+	0	778,350	778,350	1,402,764	55.49
CHICAGO	G+	65,752	2,016,592	2,082,344	3,758,182	55.41
CINCINNATI	G+	40,245	695,752	735,997	1,872,599	39.30
COLUMBIA		UA/NA	1,082,500	1,082,499	2,105,447	51.41
CONNECTICUT	G	UA/NA	568,072	568,071	1,617,637	35.12
CORNELL	+	228,117	328,125	556,242	2,209,869	25.17
DARTMOUTH	G+	17,331	632,807	650,138	933,857	69.62
DUKE	B	UA/NA	883,471	883,470	1,466,083	60.26
EMORY	+	UA/NA	292,293	292,292	2,088,867	13.99
FLORIDA	G+	UA/NA	622,904	622,903	1,919,452	32.45
FLORIDA STATE	+	UA/NA	233,073	233,072	520,020	44.82
GEORGE WASHINGTON	BG+	86,288	364,982	451,270	1,377,423	32.76
GEORGETOWN	BG+	UA/NA	756,424	756,423	1,220,867	61.96
HARVARD	G+	1,243,291	UA/NA	1,243,290	2,645,618	46.99
HOWARD	B	0	498,726	498,726	979,245	50.93
ILLINOIS, CHICAGO	G+	371,730	133,500	505,230	2,072,507	24.38
INDIANA		0	588,500	588,500	1,982,134	29.69
IOWA	+	2,925	1,036,087	1,039,012	1,841,152	56.43
JOHNS HOPKINS		0	883,918	883,918	1,803,599	49.01
KANSAS	+	0	56,301	56,301	1,081,666	5.21
KENTUCKY	G	0	187,042	187,042	1,557,706	12.01
LOUISIANA STATE		UA/NA	57,222	57,221	399,754	14.31
LOUISVILLE	G	UA/NA	83,860	83,859	1,509,658	5.55
MCGILL	G+	111,235	624,244	735,479	1,242,074	59.21
MCMASTER	G+	9,958	715,308	725,267	1,127,197	64.34
MIAMI	G+	0	924,559	924,559	1,605,906	57.57
MICHIGAN	G	0	241,695	241,695	1,810,766	13.35
MINNESOTA	BG+	0	206,649	206,649	1,827,230	11.31
MONTREAL	G+	UA/NA	1,295,824	1,295,823	1,719,654	75.35
NEW MEXICO	+	82,644	614,842	697,486	890,392	78.33
NEW YORK	G+	64,036	1,020,117	1,084,153	2,040,949	53.12

+ - See Footnotes
 UA/NA - Unavailable or Not Applicable

G - Government documents not included in serials count
 B - Includes branch campuses

ARL HEALTH SCIENCES LIBRARY DATA TABLES, 2004-05

EXPENDITURES FOR ELECTRONIC RESOURCES

Bibl. Utilities, Networks, and Consortia		Hardware And Software	Document Delivery/ Interlibrary Loan	(Survey Question #) INSTITUTION
Library	External			
(23a)	(23b)	(24)	(25)	
683	UA/NA	261	728	ALABAMA
UA/NA	UA/NA	UA/NA	UA/NA	ALBERTA
7,250	0	73,938	32,100	ARIZONA
26,754	43,536	122,951	29,667	BOSTON
10,230	UA/NA	7,256	114,514	CALIFORNIA, DAVIS
16,299	85,020	46,821	8,570	CALIFORNIA, IRVINE
UA/NA	UA/NA	UA/NA	UA/NA	CALIFORNIA, LOS ANGELES
0	160,359	196,170	116,472	CALIFORNIA, SAN DIEGO
11,000	0	74,893	11,877	CASE WESTERN RESERVE
UA/NA	UA/NA	48,205	13,756	CHICAGO
4,588	UA/NA	0	11,486	CINCINNATI
6,016	UA/NA	60,897	11,234	COLUMBIA
UA/NA	UA/NA	24,390	13,370	CONNECTICUT
19,838	UA/NA	257,615	30,635	CORNELL
0	0	28,580	40,363	DARTMOUTH
79,500	0	58,627	3,281	DUKE
675	UA/NA	53,585	13,989	EMORY
UA/NA	UA/NA	17,346	40,517	FLORIDA
1,810	UA/NA	UA/NA	3,191	FLORIDA STATE
21,733	37,485	10,586	7,702	GEORGE WASHINGTON
4,400	UA/NA	60,648	7,425	GEORGETOWN
0	UA/NA	94,704	21,160	HARVARD
1	2	12,500	30,000	HOWARD
11,928	0	UA/NA	23,083	ILLINOIS, CHICAGO
UA/NA	5,616	8,449	23,000	INDIANA
23,892	0	254	107,550	IOWA
36,966	0	192,553	78,187	JOHNS HOPKINS
29,699	0	198,373	53,798	KANSAS
19,500	0	63,104	27,044	KENTUCKY
3,412	UA/NA	1,481	7,643	LOUISIANA STATE
12,881	UA/NA	UA/NA	5,876	LOUISVILLE
UA/NA	0	82,359	19,554	MCGILL
13,511	0	37,763	39,578	MCMASTER
15,752	0	0	19,447	MIAMI
0	0	0	0	MICHIGAN
0	0	56,727	150,558	MINNESOTA
UA/NA	UA/NA	UA/NA	UA/NA	MONTREAL
29,548	40,627	241,211	11,112	NEW MEXICO
43,080	3,150	125,118	74,837	NEW YORK

UA/NA - Unavailable or Not Applicable

ARL HEALTH SCIENCES LIBRARY DATA TABLES, 2004-05

EXPENDITURES FOR ELECTRONIC RESOURCES

(Survey Question #)		Computer Files	Electronic Serials	Total E-Materials	Total Materials	E-Materials As % Of Lib. Materials
	Notes	(21)	(22)	(21 + 22)	(15)	
INSTITUTION						
NORTH CAROLINA	G	UA/NA	UA/NA	UA/NA	2,513,733	UA/NA
NORTHWESTERN	G+	116,514	1,202,027	1,318,541	1,600,386	82.39
OHIO	B	0	136,241	136,241	251,805	54.11
OHIO STATE	G+	0	704,394	704,394	1,470,356	47.91
OKLAHOMA	G	56,186	174,252	230,438	1,424,197	16.18
OKLAHOMA STATE	BG+	1,069	70,965	72,034	286,683	25.13
PENNSYLVANIA	+	0	1,365,603	1,365,603	1,913,375	71.37
PENNSYLVANIA STATE	G	0	261,471	261,471	1,570,781	16.65
PITTSBURGH	BG	3,666	1,323,330	1,326,996	3,458,959	38.36
QUEEN'S	B+	UA/NA	882,842	882,841	1,287,230	68.58
ROCHESTER	BG+	0	453,265	453,265	1,597,685	28.37
SASKATCHEWAN	G+	UA/NA	UA/NA	UA/NA	845,797	UA/NA
SOUTH CAROLINA	B	0	476,574	476,574	527,017	90.43
SOUTHERN CALIFORNIA	G	207,824	746,636	954,460	2,232,314	42.76
SOUTHERN ILLINOIS		0	29,322	29,322	807,415	3.63
SUNY-BUFFALO	G+	46,207	211,500	257,707	798,916	32.26
SUNY-STONY BROOK	B	0	521,608	521,608	1,177,027	44.32
TEMPLE	BG+	0	861,117	861,117	1,361,563	63.24
TENNESSEE	G+	0	44,861	44,861	1,466,043	3.06
TEXAS TECH	+	16,714	375,629	392,343	2,033,700	19.29
TULANE	+	12,967	360,866	373,833	1,037,006	36.05
UTAH	BG+	28,971	105,253	134,224	1,213,772	11.06
VANDERBILT	G	114,411	1,951,019	2,065,430	2,356,288	87.66
VIRGINIA		145,945	156,997	302,942	1,805,765	16.78
WASHINGTON	BG	0	373,338	373,338	2,405,110	15.52
WASHINGTON U.-ST. LOUIS	G+	11,343	1,395,379	1,406,722	2,494,323	56.40
WISCONSIN		0	87,947	87,947	1,541,217	5.71
YALE	G+	83,121	1,181,246	1,264,367	2,991,797	42.26

SUMMARY DATA

High	1,243,291	2,016,592	2,082,344	3,758,182	99.94
Mean	126,961	581,852	628,306	1,540,693	41.33
Median	67,172	521,608	562,157	1,541,217	42.85
Low	1,069	29,322	29,322	116,170	3.06
Totals	3,554,921	36,656,698	40,211,607	103,226,431	
Number of Libraries	28	63	64	67	67

+ - See Footnotes
 UA/NA - Unavailable or Not Applicable

G - Government documents not included in serials count
 B - Includes branch campuses

ARL HEALTH SCIENCES LIBRARY DATA TABLES, 2004-05

EXPENDITURES FOR ELECTRONIC RESOURCES

Bibl. Utilities, Networks, and Consortia		Hardware And Software	Document Delivery/ Interlibrary Loan	(Survey Question #) INSTITUTION
Library	External			
(23a)	(23b)	(24)	(25)	
UA/NA	UA/NA	UA/NA	UA/NA	NORTH CAROLINA
16,213	UA/NA	48,724	23,512	NORTHWESTERN
UA/NA	56,912	77,770	UA/NA	OHIO
3,250	UA/NA	68,363	34,792	OHIO STATE
10,100	59,124	67,480	34,682	OKLAHOMA
2,926	UA/NA	11,071	1,344	OKLAHOMA STATE
UA/NA	UA/NA	45,302	UA/NA	PENNSYLVANIA
0	0	7,717	14,742	PENNSYLVANIA STATE
0	0	164,716	4,560	PITTSBURGH
UA/NA	UA/NA	UA/NA	UA/NA	QUEEN'S
4,386	UA/NA	140,960	38,373	ROCHESTER
UA/NA	UA/NA	UA/NA	UA/NA	SASKATCHEWAN
3,993	0	17,504	8,767	SOUTH CAROLINA
7,452	0	364,248	20,830	SOUTHERN CALIFORNIA
5,500	0	20,558	4,011	SOUTHERN ILLINOIS
UA/NA	UA/NA	UA/NA	UA/NA	SUNY-BUFFALO
0	332,353	264,637	5,610	SUNY-STONY BROOK
0	0	28,636	4,282	TEMPLE
60,278	1,491	63,260	19,870	TENNESSEE
54,870	0	33,797	15,234	TEXAS TECH
UA/NA	UA/NA	20,658	10,604	TULANE
0	16,840	51,812	12,157	UTAH
497	0	35,003	27,035	VANDERBILT
4,299	0	84,799	19,110	VIRGINIA
UA/NA	UA/NA	67,881	281,714	WASHINGTON
0	9,694	1,439,527	12,320	WASHINGTON U.-ST. LOUIS
0	16,317	15,861	40,860	WISCONSIN
UA/NA	4,630	18,266	11,801	YALE

SUMMARY DATA

79,500	332,353	1,439,527	281,714	High
16,440	54,572	100,295	32,448	Mean
10,615	27,163	55,156	19,447	Median
1	2	254	728	Low
624,710	873,156	5,415,915	1,849,514	Sum
38	16	54	57	Number of Libraries

UA/NA - Unavailable or Not Applicable

ARL HEALTH SCIENCES LIBRARY DATA TABLES, 2004-05

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
(26a)	(26b)	(26c)	(26)	(27)	(28)		
INSTITUTION	Notes						
ALABAMA	BG+	2	3	0	5	2	70
ALBERTA	G+	6	9	0	15	2	84
ARIZONA	BG+	15	26	9	50	4	168
BOSTON	G	12	8	5	25	3	107
CALIFORNIA, DAVIS	G+	11	23	6	40	3	84
CALIFORNIA, IRVINE	BG	8	14	7	29	7	120
CALIFORNIA, LOS ANGELES	G	18	18	19	55	1	95
CALIFORNIA, SAN DIEGO	G+	9	18	5	32	2	99
CASE WESTERN RESERVE	G+	10	10	8	28	2	UA/NA
CHICAGO	G+	2	9	4	15	2	82
CINCINNATI	G+	42	10	7	59	5	105
COLUMBIA		17	14	0	31	6	95
CONNECTICUT	G	13	11	4	28	3	94
CORNELL	+	14	22	0	36	2	108
DARTMOUTH	G+	9	15	3	27	4	115
DUKE	B	20	19	0	39	3	86
EMORY	+	11	24	2	37	6	UA/NA
FLORIDA	G+	19	25	8	52	2	101
FLORIDA STATE	+	3	1	2	6	1	87
GEORGE WASHINGTON	BG+	15	16	8	39	2	113
GEORGETOWN	BG+	8	11	5	24	2	109
HARVARD	G+	22	24	0	46	UA/NA	UA/NA
HOWARD	B	7	15	3	25	3	121
ILLINOIS, CHICAGO	G+	21	39	7	67	5	93
INDIANA		11	22	6	39	4	111
IOWA	+	11	14	13	38	4	98
JOHNS HOPKINS		31	40	UA/NA	71	6	UA/NA
KANSAS	+	10	19	5	34	1	40
KENTUCKY	G	16	13	6	35	4	140
LOUISIANA STATE		2	6	1	9	12	88
LOUISVILLE	G	8	15	4	27	1	87
MCGILL	G+	8	16	2	26	3	72
MCMASTER	G+	7	18	4	29	2	100
MIAMI	G+	23	17	0	40	6	103
MICHIGAN	G	12	22	13	47	3	97
MINNESOTA	BG+	10	26	19	55	7	96
MONTREAL	G+	10	30	0	40	8	96
NEW MEXICO	+	26	41	6	73	2	95
NEW YORK	G+	24	26	7	57	10	UA/NA

+ - See Footnotes
 UA/NA - Unavailable or Not Applicable

G - Government documents not included in serials count
 B - Includes branch campuses

ARL HEALTH SCIENCES LIBRARY DATA TABLES, 2004-05

PERSONNEL AND PUBLIC SERVICES

<u>Presentations</u>		Reference Transactions*	Initial Circulation	Total Circulation	<u>ILL/DD</u>		(Survey Question #) INSTITUTION
Groups*	Participants*				Loaned	Borrowed	
(29)	(30)	(31)	(32)	(33)	(34)	(35)	
14	280	2,722	829	1,181	500	133	ALABAMA
UA/NA	UA/NA	UA/NA	UA/NA	56,329	UA/NA	UA/NA	ALBERTA
208	2,952	12,480	12,152	13,992	15,598	2,960	ARIZONA
249	2,926	16,887	2,757	3,836	11,081	7,152	BOSTON
151	1,685	13,881	16,478	20,926	16,896	5,332	CALIFORNIA, DAVIS
98	2,230	7,152	26,089	52,796	3,488	3,399	CALIFORNIA, IRVINE
129	2,510	14,042	39,539	174,022	UA/NA	UA/NA	CALIFORNIA, LOS ANGELES
230	2,161	18,510	22,923	27,120	11,597	7,333	CALIFORNIA, SAN DIEGO
23	334	2,966	5,362	7,331	20,433	4,645	CASE WESTERN RESERVE
16	480	3,614	24,965	26,607	12,563	13,842	CHICAGO
1,080	4,040	29,719	11,340	16,362	18,333	4,160	CINCINNATI
155	4,083	21,173	34,879	37,316	16,940	4,919	COLUMBIA
183	1,232	5,461	8,861	12,806	13,912	1,888	CONNECTICUT
92	694	16,012	5,378	11,003	4,784	5,358	CORNELL
UA/NA	UA/NA	UA/NA	12,647	17,879	5,128	11,417	DARTMOUTH
252	2,719	13,366	14,126	18,070	13,191	1,567	DUKE
115	1,910	27,041	7,233	8,158	20,247	4,978	EMORY
230	4,397	19,793	33,320	UA/NA	10,259	4,962	FLORIDA
31	438	773	1,223	1,575	29	833	FLORIDA STATE
445	6,092	23,476	13,000	23,762	4,059	1,657	GEORGE WASHINGTON
128	3,792	12,750	12,218	14,704	1,100	1,645	GEORGETOWN
UA/NA	UA/NA	UA/NA	UA/NA	294,654	13,207	2,113	HARVARD
75	330	30,128	14,346	17,985	9,000	848	HOWARD
301	3,104	30,428	27,627	139,487	28,415	12,757	ILLINOIS, CHICAGO
152	5,882	7,436	132,679	167,174	26,729	6,316	INDIANA
145	4,932	26,864	UA/NA	39,403	29,877	10,617	IOWA
263	2,751	18,790	17,318	32,978	11,720	16,878	JOHNS HOPKINS
54	612	1,302	11,554	UA/NA	12,011	4,495	KANSAS
313	3,368	12,409	19,300	25,765	9,242	7,255	KENTUCKY
6	100	UA/NA	UA/NA	7,533	1,109	2,062	LOUISIANA STATE
119	1,031	11,923	UA/NA	34,108	13,387	4,034	LOUISVILLE
150	3,367	20,770	19,501	30,718	5,202	3,498	MCGILL
191	2,597	13,324	23,363	40,533	7,452	6,500	MCMASTER
777	1,192	35,000	9,410	14,862	17,122	1,966	MIAMI
270	4,455	24,620	64,257	185,643	18,619	26,665	MICHIGAN
127	2,604	42,939	21,553	25,923	61,899	3,804	MINNESOTA
237	2,584	13,449	33,590	57,029	13,544	2,322	MONTREAL
379	5,307	11,411	12,659	13,345	3,719	2,629	NEW MEXICO
353	4,943	34,704	19,124	22,269	7,379	7,782	NEW YORK

UA/NA - Unavailable or Not Applicable

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

ARL HEALTH SCIENCES LIBRARY DATA TABLES, 2004-05

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
		(26a)	(26b)	(26c)	(26)	(27)	(28)
INSTITUTION	Notes						
NORTH CAROLINA	G	28	34	6	68	1	89
NORTHWESTERN	G+	16	14	2	32	3	96
OHIO	B	5	5	3	13	1	88
OHIO STATE	G+	23	11	7	41	10	99
OKLAHOMA	G	11	21	9	41	2	109
OKLAHOMA STATE	BG+	2	7	3	12	2	111
PENNSYLVANIA	+	12	16	15	43	2	100
PENNSYLVANIA STATE	G	5	10	3	18	3	106
PITTSBURGH	BG	27	39	6	72	9	110
QUEEN'S	B+	8	11	2	21	2	97
ROCHESTER	BG+	22	11	3	36	4	101
SASKATCHEWAN	G+	5	7	2	14	2	89
SOUTH CAROLINA	B	7	8	3	18	2	88
SOUTHERN CALIFORNIA	G	16	21	10	47	5	99
SOUTHERN ILLINOIS		7	15	1	23	2	90
SUNY-BUFFALO	G+	16	11	10	37	4	104
SUNY-STONY BROOK	B	21	11	8	40	3	100
TEMPLE	BG+	11	11	6	28	5	112
TENNESSEE	G+	19	19	2	40	3	136
TEXAS TECH	+	21	24	19	64	13	105
TULANE	+	8	12	1	21	2	93
UTAH	BG+	16	24	12	52	3	126
VANDERBILT	G	26	20	3	49	2	113
VIRGINIA		16	27	0	43	5	96
WASHINGTON	BG	18	34	10	62	5	82
WASHINGTON U.-ST. LOUIS	G+	44	31	6	81	4	102
WISCONSIN		19	19	11	49	1	99
YALE	G+	18	17	7	42	2	105

SUMMARY DATA

High	44	41	19	81	13	168
Mean	14	18	6	38	4	100
Median	12	16	6	38	3	99
Low	2	1	1	5	1	40
Totals	970	1,199	368	2,537	247	
Number of Libraries	67	67	57	67	66	62

+ - See Footnotes
 UA/NA - Unavailable or Not Applicable

G - Government documents not included in serials count
 B - Includes branch campuses

ARL HEALTH SCIENCES LIBRARY DATA TABLES, 2004-05

PERSONNEL AND PUBLIC SERVICES

Presentations		Reference Transactions*	Initial Circulation	Total Circulation	ILL/DD		(Survey Question #) INSTITUTION
Groups*	Participants*				Loaned	Borrowed	
(29)	(30)	(31)	(32)	(33)	(34)	(35)	
161	3,909	19,815	140,822	141,936	20,659	3,238	NORTH CAROLINA
204	2,038	32,167	13,943	15,943	8,901	11,929	NORTHWESTERN
22	572	1,836	10,297	13,209	1,477	2,020	OHIO
169	3,694	12,393	47,066	50,670	17,586	7,139	OHIO STATE
59	1,107	17,396	12,469	14,262	7,841	5,386	OKLAHOMA
67	391	1,172	5,176	6,890	2,699	719	OKLAHOMA STATE
146	2,863	UA/NA	9,724	15,668	5,816	19,021	PENNSYLVANIA
56	784	8,951	17,242	18,075	4,332	1,149	PENNSYLVANIA STATE
951	8,800	47,866	28,735	34,884	50,391	4,775	PITTSBURGH
290	2,753	7,230	11,543	13,209	6,246	4,461	QUEEN'S
306	2,023	7,540	7,025	8,785	5,434	5,764	ROCHESTER
246	2,489	7,167	25,359	32,703	6,165	8,168	SASKATCHEWAN
60	712	3,983	3,081	6,731	6,340	1,949	SOUTH CAROLINA
171	1,778	8,101	32,757	41,764	14,561	1,458	SOUTHERN CALIFORNIA
121	388	3,887	40,937	48,161	8,956	2,743	SOUTHERN ILLINOIS
101	2,415	23,416	54,700	63,660	17,716	4,961	SUNY-BUFFALO
365	2,849	12,993	8,981	11,495	9,402	1,763	SUNY-STONY BROOK
69	1,334	3,717	3,594	5,204	2,255	1,407	TEMPLE
230	2,809	20,953	4,257	5,882	6,007	4,285	TENNESSEE
392	3,540	27,288	31,986	118,059	7,105	5,161	TEXAS TECH
49	853	6,868	18,000	19,785	7,591	2,323	TULANE
391	2,989	65,146	17,915	26,558	18,065	5,018	UTAH
259	5,277	5,581	15,556	17,103	8,337	4,778	VANDERBILT
559	4,531	24,914	14,130	21,252	9,272	2,751	VIRGINIA
209	4,272	33,596	UA/NA	180,915	24,922	6,382	WASHINGTON
303	2,503	18,031	24,097	29,493	19,328	5,973	WASHINGTON U.-ST. LOUIS
384	4,244	UA/NA	13,306	21,357	20,557	17,033	WISCONSIN
240	2,210	14,655	24,301	UA/NA	8,209	5,748	YALE

SUMMARY DATA

1,080	8,800	65,146	140,822	294,654	61,899	26,665	High
224	2,629	16,950	22,436	41,857	12,553	5,511	Mean
177	2,591	13,881	15,556	21,305	9,402	4,645	Median
6	100	773	829	1,181	29	133	Low
14,321	168,241	1,033,977	1,368,599	2,678,837	815,941	358,223	Sum
64	64	61	61	64	65	65	Number of Libraries

UA/NA - Unavailable or Not Applicable

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

RANK ORDER TABLE 1 – VOLUMES IN LIBRARY

INSTITUTION	HSL VOLUMES	TOTAL VOLUMES	HSL % OF TOTAL	INSTITUTION	HSL VOLUMES	TOTAL VOLUMES	HSL % OF TOTAL
1 CHICAGO	770,909	7,363,549	10.47	35 LOUISVILLE	241,626	2,015,752	11.99
2 ILLINOIS, CHICAGO	709,321	2,284,649	31.05	36 ARIZONA	237,140	5,340,726	4.44
3 HARVARD	705,676	15,555,533	4.54	37 EMORY	235,857	3,107,525	7.59
4 CALIFORNIA, LOS ANGELES	643,095	8,064,896	7.97	38 KENTUCKY	232,628	3,286,731	7.08
5 COLUMBIA	556,172	9,277,042	6.00	39 MIAMI	224,880	2,571,045	8.75
6 MICHIGAN	555,923	8,133,917	6.83	40 NEW YORK	219,174	4,939,724	4.44
7 MINNESOTA	490,132	6,587,430	7.44	41 SOUTHERN CALIFORNIA	212,783	3,921,704	5.43
8 PITTSBURGH	475,577	4,786,175	9.94	42 UTAH	212,577	3,230,854	6.58
9 YALE	454,390	12,025,695	3.78	43 TENNESSEE	209,980	2,971,837	7.07
10 JOHNS HOPKINS	414,144	3,648,821	11.35	44 VANDERBILT	202,110	3,056,707	6.61
11 CASE WESTERN RESERVE	409,774	2,471,504	16.58	45 CONNECTICUT	201,767	3,247,976	6.21
12 WASHINGTON	375,933	6,639,850	5.66	46 PENNSYLVANIA	199,524	5,760,065	3.46
13 CALIFORNIA, DAVIS	359,673	3,490,356	10.30	47 VIRGINIA	195,296	5,053,162	3.86
14 FLORIDA	356,148	4,137,528	8.61	48 CORNELL	183,249	7,644,371	*
15 MCGILL	348,416	3,568,651	9.76	49 SASKATCHEWAN	181,987	1,976,606	9.21
16 SUNY-BUFFALO	347,688	3,390,583	10.25	50 SOUTHERN ILLINOIS	172,613	2,999,736	5.75
17 IOWA	346,607	4,551,217	7.62	51 KANSAS	170,256	4,121,573	4.13
18 MONTREAL	329,875	3,057,166	10.79	52 NEW MEXICO	167,302	2,666,970	6.27
19 NORTH CAROLINA	328,404	5,710,686	5.75	53 MCMASTER	160,593	1,990,867	8.07
20 WISCONSIN	314,622	7,911,834	3.98	54 OHIO	150,997	2,599,791	5.81
21 OKLAHOMA	307,081	4,796,089	6.40	55 TULANE	149,234	2,403,728	6.21
22 TEXAS TECH	297,414	2,465,796	12.06	56 QUEEN'S	145,631	2,437,168	5.98
23 CINCINNATI	297,130	3,123,318	9.51	57 BOSTON	143,603	2,427,253	5.92
24 WASHINGTON U.-ST. LOUIS	296,592	3,694,504	8.03	58 GEORGETOWN	139,300	2,473,208	5.63
25 OHIO STATE	295,553	5,936,434	4.98	59 TEMPLE	135,061	3,016,007	4.48
26 CALIFORNIA, IRVINE	292,742	2,439,525	12.00	60 HOWARD	133,284	2,388,073	5.58
27 DUKE	290,524	5,560,966	5.22	61 GEORGE WASHINGTON	130,822	2,167,871	6.03
28 SUNY-STONY BROOK	280,377	2,216,589	12.65	62 SOUTH CAROLINA	119,323	3,478,256	3.43
29 NORTHWESTERN	277,290	4,603,824	6.02	63 PENNSYLVANIA STATE	113,563	5,031,196	2.26
30 INDIANA	269,928	7,241,929	*	64 OKLAHOMA STATE	58,596	2,624,680	2.23
31 DARTMOUTH	261,089	2,474,288	10.55	65 LOUISIANA STATE	47,695	3,406,434	1.40
32 ROCHESTER	258,462	3,564,683	7.25	66 ALABAMA	17,572	2,518,290	0.70
33 ALBERTA	246,693	6,190,396	3.99	67 FLORIDA STATE	8,409	2,889,810	0.29
34 CALIFORNIA, SAN DIEGO	243,011	3,149,836	7.72				

* Did not include a Health Science Library in the ARL Statistics 2004-05

RANK ORDER TABLE 2 - VOLUMES ADDED (GROSS)

INSTITUTION		HSL VOLUMES	TOTAL VOLUMES	HSL % OF TOTAL	INSTITUTION		HSL VOLUMES	TOTAL VOLUMES	HSL % OF TOTAL
1	IOWA	51,066	118,346	43.15	35	WASHINGTON U.-ST. LOUIS	3,970	57,710	6.88
2	CHICAGO	15,409	165,351	9.32	36	UTAH	3,947	67,556	5.84
3	MINNESOTA	15,041	148,474	10.13	37	EMORY	3,929	87,371	4.50
4	MICHIGAN	11,985	189,373	6.33	38	PENNSYLVANIA	3,844	105,875	3.63
5	ILLINOIS, CHICAGO	11,056	53,000	20.86	39	NORTHWESTERN	3,708	89,205	4.16
6	YALE	10,462	302,604	3.46	40	ARIZONA	3,626	103,576	3.50
7	FLORIDA	9,870	64,670	15.26	41	JOHNS HOPKINS	3,617	54,597	6.62
8	PITTSBURGH	9,671	153,774	6.29	42	MCMASTER	3,518	33,375	10.54
9	CALIFORNIA, LOS ANGELES	9,212	110,858	8.31	43	SASKATCHEWAN	3,470	57,844	6.00
10	WASHINGTON	7,005	120,914	5.79	44	SOUTHERN ILLINOIS	3,456	43,765	7.90
11	NEW YORK	6,936	108,920	6.37	45	DARTMOUTH	3,364	44,517	7.56
12	OKLAHOMA	6,833	63,849	10.70	46	BOSTON	3,007	47,070	6.39
13	CORNELL	6,375	136,758	*	47	DUKE	2,670	73,037	3.66
14	MIAMI	6,302	80,204	7.86	48	OHIO	2,479	57,126	4.34
15	CALIFORNIA, SAN DIEGO	6,150	109,064	5.64	49	GEORGETOWN	2,456	77,272	3.18
16	TEXAS TECH	6,110	64,585	9.46	50	PENNSYLVANIA STATE	2,316	81,008	2.86
17	COLUMBIA	5,599	223,923	2.50	51	TULANE	2,244	51,814	4.33
18	CALIFORNIA, DAVIS	5,552	57,786	9.61	52	VIRGINIA	2,070	77,249	2.68
19	CALIFORNIA, IRVINE	5,543	46,193	12.00	53	TENNESSEE	2,030	64,013	3.17
20	MCGILL	5,438	68,311	7.96	54	SUNY-STONY BROOK	1,959	26,304	7.45
21	NORTH CAROLINA	5,397	119,474	4.52	55	OKLAHOMA STATE	1,877	78,575	2.39
22	OHIO STATE	5,266	124,288	4.24	56	TEMPLE	1,863	44,143	4.22
23	INDIANA	5,261	133,295	*	57	QUEEN'S	1,837	31,930	5.75
24	SOUTHERN CALIFORNIA	5,208	63,817	8.16	58	KANSAS	1,835	83,469	2.20
25	CINCINNATI	4,981	87,762	5.68	59	SOUTH CAROLINA	1,713	42,928	3.99
26	ROCHESTER	4,934	53,544	9.21	60	GEORGE WASHINGTON	1,673	54,646	3.06
27	LOUISVILLE	4,859	83,157	5.84	60	NEW MEXICO	1,673	56,162	2.98
28	ALBERTA	4,806	166,508	2.89	62	VANDERBILT	1,629	72,520	2.25
29	KENTUCKY	4,529	77,597	5.84	63	WISCONSIN	1,546	124,409	1.24
30	HARVARD	4,296	429,344	1.00	64	LOUISIANA STATE	1,459	57,259	2.55
31	MONTREAL	4,213	81,449	5.17	65	ALABAMA	440	57,476	0.77
32	SUNY-BUFFALO	4,137	48,556	8.52	66	FLORIDA STATE	264	33,874	0.78
33	CASE WESTERN RESERVE	4,129	26,268	15.72	67	HOWARD	182	32,345	0.56
34	CONNECTICUT	4,041	42,220	9.57					

* Did not include a Health Science Library in the ARL Statistics 2004-05

RANK ORDER TABLE 3 – CURRENT SERIALS (TOTAL)

INSTITUTION	HSL SERIALS	TOTAL SERIALS	HSL % OF TOTAL	INSTITUTION	HSL SERIALS	TOTAL SERIALS	HSL % OF TOTAL
1 SOUTH CAROLINA	29,102	53,610	54.28	35 SUNY-STONY BROOK	3,526	34,428	10.24
2 KANSAS	12,499	50,992	24.51	36 PENNSYLVANIA	3,503	43,931	7.97
3 NEW YORK	12,241	54,024	22.66	37 KENTUCKY	3,477	30,250	11.49
4 TEXAS TECH	11,808	42,860	27.55	38 QUEEN'S	3,450	21,921	15.74
5 YALE	9,272	76,022	12.20	39 GEORGE WASHINGTON	3,325	18,909	17.58
6 CASE WESTERN RESERVE	8,635	26,965	32.02	40 CALIFORNIA, IRVINE	3,179	26,493	12.00
7 PENNSYLVANIA STATE	7,358	68,445	10.75	41 WASHINGTON U.-ST. LOUIS	3,033	44,806	6.77
8 IOWA	7,119	50,214	14.18	42 SUNY-BUFFALO	3,004	34,965	8.59
9 CHICAGO	6,709	43,396	15.46	43 WISCONSIN	2,808	60,457	4.64
10 OKLAHOMA STATE	6,048	61,507	9.83	44 CINCINNATI	2,454	37,668	6.51
11 ARIZONA	6,005	33,575	17.89	45 HARVARD	2,428	98,773	2.46
12 OHIO STATE	5,923	34,745	17.05	46 VIRGINIA	2,281	53,370	4.27
13 SOUTHERN ILLINOIS	5,462	43,083	12.68	47 GEORGETOWN	2,280	29,254	7.79
14 OHIO	5,306	19,928	26.63	48 NEW MEXICO	2,216	13,337	16.62
15 ILLINOIS, CHICAGO	5,243	26,665	19.66	49 BOSTON	2,110	33,983	6.21
16 PITTSBURGH	4,866	43,441	11.20	50 DARTMOUTH	1,923	48,366	3.98
17 MICHIGAN	4,771	124,809	3.82	51 INDIANA	1,900	70,672	*
18 TEMPLE	4,672	26,979	17.32	52 MCGILL	1,776	49,433	3.59
19 CALIFORNIA, SAN DIEGO	4,638	31,478	14.73	53 MINNESOTA	1,708	43,303	3.94
20 OKLAHOMA	4,579	44,975	10.18	54 FLORIDA	1,664	70,882	2.35
21 CORNELL	4,494	80,633	*	55 CALIFORNIA, DAVIS	1,628	41,273	3.94
22 CALIFORNIA, LOS ANGELES	4,403	78,236	5.63	56 WASHINGTON	1,597	55,932	2.86
23 COLUMBIA	4,389	89,452	4.91	57 EMORY	1,585	36,898	4.30
24 VANDERBILT	4,245	33,883	12.53	58 CONNECTICUT	1,503	50,066	3.00
25 MCMASTER	4,216	26,908	15.67	59 TULANE	1,499	16,588	9.04
26 SOUTHERN CALIFORNIA	4,007	37,809	10.60	60 MIAMI	1,386	38,432	3.61
27 NORTH CAROLINA	3,989	53,444	7.46	61 DUKE	1,214	32,963	3.68
28 TENNESSEE	3,909	36,231	10.79	62 FLORIDA STATE	846	42,076	2.01
29 ROCHESTER	3,892	26,218	14.84	63 HOWARD	831	11,317	7.34
30 NORTHWESTERN	3,749	41,693	8.99	64 LOUISIANA STATE	622	58,461	1.06
31 UTAH	3,738	40,446	9.24	65 ALABAMA	282	32,796	0.86
32 MONTREAL	3,703	43,707	8.47	66 ALBERTA	UA/NA	41,947	UA/NA
33 JOHNS HOPKINS	3,695	73,872	5.00	66 SASKATCHEWAN	UA/NA	25,881	UA/NA
34 LOUISVILLE	3,659	23,575	15.52				

* Did not include a Health Science Library in the *ARL Statistics 2004-05*

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	12,245,228	36,484,185	33.56	35 MICHIGAN	3,257,355	47,113,239	6.91
2 JOHNS HOPKINS	6,758,649	28,565,767	23.66	36 IOWA	3,251,314	24,648,673	13.19
3 WASHINGTON	6,625,163	35,761,401	18.53	37 MONTREAL	3,217,434	24,702,567	13.02
4 PITTSBURGH	6,439,100	27,884,821	23.09	38 NORTHWESTERN	3,161,258	26,491,033	11.93
5 NORTH CAROLINA	6,386,545	32,489,076	19.66	39 GEORGE WASHINGTON	3,088,487	20,210,171	15.28
6 HARVARD	6,244,159	102,895,429	6.07	40 KENTUCKY	2,988,220	19,807,985	15.09
7 CINCINNATI	5,373,594	21,992,639	24.43	41 OKLAHOMA	2,958,453	18,569,766	15.93
8 NEW YORK	5,314,985	38,184,768	13.92	42 CASE WESTERN RESERVE	2,624,374	14,597,197	17.98
9 NEW MEXICO	4,940,309	19,193,337	25.74	43 KANSAS	2,576,833	19,311,819	13.34
10 VANDERBILT	4,911,950	21,396,174	22.96	44 GEORGETOWN	2,497,509	22,614,466	11.04
11 YALE	4,892,465	68,789,335	7.11	45 LOUISVILLE	2,465,481	16,612,024	14.84
12 SOUTHERN CALIFORNIA	4,717,877	33,494,903	14.09	46 BOSTON	2,389,723	18,533,846	12.89
13 FLORIDA	4,714,601	26,216,130	17.98	47 TEMPLE	2,364,431	15,273,023	15.48
14 CALIFORNIA, LOS ANGELES	4,408,421	46,012,476	9.58	48 MCGILL	2,350,717	24,980,527	9.41
15 MINNESOTA	4,342,138	34,866,483	12.45	49 SUNY-BUFFALO	2,326,012	18,760,076	12.40
16 CHICAGO	4,315,671	27,743,553	15.56	50 MCMASTER	2,301,812	12,052,587	19.10
17 INDIANA	4,248,854	30,725,103	*	51 CALIFORNIA, DAVIS	2,280,028	17,694,123	12.89
18 UTAH	4,239,415	22,833,522	18.57	52 PENNSYLVANIA STATE	2,223,566	46,249,051	4.81
19 CORNELL	4,120,355	41,541,659	*	53 DARTMOUTH	2,210,413	16,735,903	13.21
20 TEXAS TECH	4,050,259	20,733,480	19.53	54 ILLINOIS, CHICAGO	2,178,646	17,080,963	12.75
21 VIRGINIA	3,965,801	32,994,275	12.02	55 QUEEN'S	2,157,817	14,352,701	15.03
22 ARIZONA	3,853,974	27,342,719	14.10	56 CALIFORNIA, IRVINE	2,109,276	17,577,307	12.00
23 EMORY	3,819,075	29,951,903	12.75	57 HOWARD	2,024,946	10,012,937	20.22
24 PENNSYLVANIA	3,771,351	32,150,410	11.73	58 TULANE	1,880,530	13,262,398	14.18
25 DUKE	3,687,579	29,865,742	12.35	59 SOUTHERN ILLINOIS	1,717,057	14,589,368	11.77
26 CALIFORNIA, SAN DIEGO	3,618,646	26,794,963	13.50	60 ALBERTA	1,407,631	26,769,667	5.26
27 COLUMBIA	3,617,113	50,451,496	7.17	61 SASKATCHEWAN	1,290,391	12,524,891	10.30
28 MIAMI	3,570,895	20,562,774	17.37	62 SOUTH CAROLINA	1,251,480	18,349,790	6.82
29 WISCONSIN	3,544,406	39,482,889	8.98	63 OHIO	968,752	13,918,324	6.96
30 OHIO STATE	3,479,025	26,954,787	12.91	64 OKLAHOMA STATE	856,126	13,760,638	6.22
31 ROCHESTER	3,377,106	16,504,838	20.46	65 FLORIDA STATE	844,999	15,385,125	5.49
32 CONNECTICUT	3,355,248	22,980,420	14.60	66 LOUISIANA STATE	655,723	13,712,738	4.78
33 TENNESSEE	3,290,390	21,871,331	15.04	67 ALABAMA	267,180	13,587,699	1.97
34 SUNY-STONY BROOK	3,284,835	13,030,856	25.21				

* Did not include a Health Science Library in the ARL Statistics 2004-05

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	298	27.18	35 EMORY	37	299	12.37
2 NEW MEXICO	73	283	25.80	35 SUNY-BUFFALO	37	265	13.96
3 PITTSBURGH	72	357	20.17	37 CORNELL	36	540	*
4 JOHNS HOPKINS	71	337	21.07	37 ROCHESTER	36	200	18.00
5 NORTH CAROLINA	68	430	15.81	39 KENTUCKY	35	281	12.46
6 ILLINOIS, CHICAGO	67	278	24.10	40 KANSAS	34	292	11.64
7 TEXAS TECH	64	320	20.00	41 CALIFORNIA, SAN DIEGO	32	351	9.12
8 WASHINGTON	62	468	13.25	41 NORTHWESTERN	32	340	9.41
9 CINCINNATI	59	240	24.58	43 COLUMBIA	31	602	5.15
10 NEW YORK	57	433	13.16	44 CALIFORNIA, IRVINE	29	242	11.98
11 CALIFORNIA, LOS ANGELES	55	604	9.11	44 MCMASTER	29	163	17.79
11 MINNESOTA	55	404	13.61	46 CASE WESTERN RESERVE	28	150	18.67
13 FLORIDA	52	435	11.95	46 CONNECTICUT	28	220	12.73
13 UTAH	52	356	14.61	46 TEMPLE	28	212	13.21
15 ARIZONA	50	340	14.71	49 DARTMOUTH	27	202	13.37
16 VANDERBILT	49	252	19.44	49 LOUISVILLE	27	187	14.44
16 WISCONSIN	49	588	8.33	51 MCGILL	26	276	9.42
18 MICHIGAN	47	596	7.89	52 BOSTON	25	307	8.14
18 SOUTHERN CALIFORNIA	47	376	12.50	52 HOWARD	25	167	14.97
20 HARVARD	46	1,198	3.84	54 GEORGETOWN	24	265	9.06
21 PENNSYLVANIA	43	400	10.75	55 SOUTHERN ILLINOIS	23	211	10.90
21 VIRGINIA	43	374	11.50	56 QUEEN'S	21	172	12.21
23 YALE	42	702	5.98	56 TULANE	21	192	10.94
24 OHIO STATE	41	423	9.69	58 PENNSYLVANIA STATE	18	625	2.88
24 OKLAHOMA	41	220	18.64	58 SOUTH CAROLINA	18	270	6.67
26 CALIFORNIA, DAVIS	40	269	14.87	60 ALBERTA	15	317	4.73
26 MIAMI	40	273	14.65	60 CHICAGO	15	308	4.87
26 MONTREAL	40	394	10.15	62 SASKATCHEWAN	14	159	8.81
26 SUNY-STONY BROOK	40	161	24.84	63 OHIO	13	183	7.10
26 TENNESSEE	40	286	13.99	64 OKLAHOMA STATE	12	213	5.63
31 DUKE	39	342	11.40	65 LOUISIANA STATE	9	195	4.62
31 GEORGE WASHINGTON	39	249	15.66	66 FLORIDA STATE	6	245	2.45
31 INDIANA	39	442	*	67 ALABAMA	5	206	2.43
34 IOWA	38	298	12.75				

* Did not include a Health Science Library in the ARL Statistics 2004-05

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 CHICAGO	2,082,344	3,755,812	55.44	35 ILLINOIS, CHICAGO	505,230	2,918,470	17.31
2 VANDERBILT	2,065,430	4,127,501	50.04	36 HOWARD	498,726	1,553,660	32.10
3 WASHINGTON U.-ST. LOUIS	1,406,722	4,315,729	32.60	37 SOUTH CAROLINA	476,574	2,911,445	16.37
4 PENNSYLVANIA	1,365,603	4,088,788	33.40	38 ROCHESTER	453,265	1,357,477	33.39
5 PITTSBURGH	1,326,996	4,905,252	27.05	39 GEORGE WASHINGTON	451,270	2,206,549	20.45
6 NORTHWESTERN	1,318,541	5,550,551	23.76	40 CALIFORNIA, IRVINE	417,767	3,481,398	12.00
7 MONTREAL	1,295,823	4,034,046	32.12	41 TEXAS TECH	392,343	2,183,952	17.96
8 YALE	1,264,367	4,864,808	25.99	42 TULANE	373,833	1,945,541	19.21
9 HARVARD	1,243,290	4,370,397	28.45	43 WASHINGTON	373,338	4,282,093	8.72
10 NEW YORK	1,084,153	5,407,551	20.05	44 ALBERTA	340,557	6,324,354	5.38
11 COLUMBIA	1,082,499	6,877,655	15.74	45 VIRGINIA	302,942	3,193,088	9.49
12 IOWA	1,039,012	4,044,185	25.69	46 EMORY	292,292	3,590,667	8.14
13 SOUTHERN CALIFORNIA	954,460	3,774,856	25.28	47 PENNSYLVANIA STATE	261,471	8,013,755	3.26
14 MIAMI	924,559	2,832,175	32.64	48 SUNY-BUFFALO	257,707	3,699,962	6.97
15 JOHNS HOPKINS	883,918	4,865,515	18.17	49 MICHIGAN	241,695	UA/NA	UA/NA
16 DUKE	883,470	3,737,332	23.64	50 FLORIDA STATE	233,072	2,190,436	10.64
17 QUEEN'S	882,841	3,464,480	25.48	51 OKLAHOMA	230,438	2,480,580	9.29
18 TEMPLE	861,117	3,727,567	23.10	52 MINNESOTA	206,649	4,509,110	4.58
19 CASE WESTERN RESERVE	778,350	2,590,935	30.04	53 KENTUCKY	187,042	2,725,662	6.86
20 CALIFORNIA, SAN DIEGO	774,944	2,614,758	29.64	54 OHIO	136,241	2,263,405	6.02
21 CALIFORNIA, DAVIS	771,025	3,144,841	24.52	55 UTAH	134,224	726,637	18.47
22 GEORGETOWN	756,423	2,237,579	33.81	56 BOSTON	95,500	1,412,656	6.76
23 CINCINNATI	735,997	4,774,066	15.42	57 WISCONSIN	87,947	2,525,686	3.48
24 MCGILL	735,479	5,844,445	12.58	58 LOUISVILLE	83,859	2,171,175	3.86
25 ARIZONA	730,199	5,102,800	14.31	59 OKLAHOMA STATE	72,034	3,594,992	2.00
26 MCMASTER	725,267	3,130,900	23.16	60 LOUISIANA STATE	57,221	1,057,160	5.41
27 OHIO STATE	704,394	4,577,236	15.39	61 KANSAS	56,301	1,867,884	3.01
28 NEW MEXICO	697,486	2,004,185	34.80	62 TENNESSEE	44,861	2,213,433	2.03
29 DARTMOUTH	650,138	3,920,262	16.58	63 ALABAMA	35,715	2,637,709	1.35
30 FLORIDA	622,903	4,398,168	14.16	64 SOUTHERN ILLINOIS	29,322	2,635,654	1.11
31 INDIANA	588,500	4,121,438	*	65 CALIFORNIA, LOS ANGELES	UA/NA	2,988,834	UA/NA
32 CONNECTICUT	568,071	3,834,318	14.82	65 NORTH CAROLINA	UA/NA	1,716,429	UA/NA
33 CORNELL	556,242	5,016,414	*	65 SASKATCHEWAN	UA/NA	2,597,108	UA/NA
34 SUNY-STONY BROOK	521,608	2,341,890	22.27				

* Did not include a Health Science Library in the ARL Statistics 2004-05

ARL STATISTICS 2004-05

HEALTH SCIENCES LIBRARY WORKSHEET

This worksheet is designed to help you plan your submission for the 2004-05 *ARL Statistics*. Include **ONLY** those libraries which would appear in the *ARL Academic Health Sciences Library Statistics* publication.

Please respond to all questions. If an exact figure is unavailable, use "NA/UA". If the appropriate answer is zero or none, use "0."

Reporting Institution _____ Date Returned to ARL _____

Report Prepared by (name) _____

Title _____

Email address _____ Phone number _____

Contact person (if different) _____

Title _____

Email address _____ Phone number _____

PAGE ONE – VOLUMES

1. Volumes held June 30, 2005

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

1b. Volumes added during the year

(i) Volumes added – Gross (1.b.i) _____

(ii) Volumes withdrawn during year (1.b.ii) _____

(*Net Volumes Added: 1.b.i – 1.b.ii*) (1.b) _____

(*Volumes held June 30, 2005: 1.a + 1.b*) (1) _____

2. Number of monographic volumes purchased (2) _____

3. Basis of volume count is: (3) _____ Physical
_____ Bibliographic

PAGE TWO – OTHER COLLECTIONS

SERIALS

4. Total number of current serials received, including periodicals

4a. Number of current serials purchased (4a) _____

4b. Number of current serials received but not purchased (4b) _____
(Exchanges, gifts, deposits, etc. See instructions.)

(Total serials received: 4.a + 4.b) (4) _____

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

OTHER LIBRARY MATERIALS

6. Microform units (6) _____

7. Government documents not counted elsewhere (7) _____

8. Computer files (8) _____

9. Manuscripts and archives (linear ft.) (9) _____

AUDIOVISUAL MATERIALS

10. Cartographic (10) _____

11. Graphic (11) _____

12. Audio (12) _____

13. Film and Video (13) _____

PAGE THREE – EXPENDITURES

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

ELECTRONIC MATERIALS EXPENDITURES

- 21. Computer files (One-time/monographic purchases.)** (21) _____
- 22. Electronic serials** (22) _____
- 23. Bibliographic Utilities, Networks, and Consortia**
- 23a. From internal library sources (23a) _____
- 23b. From external sources (23b) _____
- 24. Computer hardware and software** (24) _____
- 25. Document Delivery/Interlibrary Loan** (25) _____

PAGE FOUR – PERSONNEL AND PUBLIC SERVICES

PERSONNEL (Round figures to nearest whole number.)

26. Total Staff FTE

26a. Professional staff (26a) _____

26b. Support staff 26b) _____

26c. Student assistants (26c) _____

(Total staff FTE: 26.a + 26.b + 26.c) (26) _____

STAFFED SERVICE POINTS AND HOURS

27. Number of staffed library service points (27) _____

28. Number of weekly public service hours (28) _____

INSTRUCTION

29. Number of library presentations to groups (29) _____

29a. Figure based on sampling? (29a) _____ Yes _____ No

30. Number of total participants in group presentations reported in line 29
(30) _____

30a. Figure based on sampling? (30a) _____ Yes _____ No

REFERENCE

31. Number of reference transactions (31) _____

31a. Figure based on sampling? (31a) _____ Yes _____ No

PAGE FIVE – PUBLIC SERVICES AND LOCAL CHARACTERISTICS

CIRCULATION

32. Number of initial circulations (excluding reserves) (32) _____

33. Total circulations (initial and renewals, excluding reserves) (33) _____

INTERLIBRARY LOANS

34. Total number of filled requests provided to other libraries (34) _____

35. Total number of filled requests received from other libraries or providers (35) _____

Ph.D. DEGREES AND FACULTY

36. Number of Ph.D.s awarded in FY2004-05 (36) _____

37. Number of fields in which Ph.D.s can be awarded (37) _____

38. Number of full-time instructional faculty in FY2004-05 (38) _____

ENROLLMENT – FALL 2004

(Line numbers refer to IPEDS survey form.)

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

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

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

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

FOOTNOTES

On the web form, you will be able to add footnotes to individual questions, as well as footnotes that apply to your entire institution. Please provide any information which would clarify the figures submitted, e.g., the inclusion of branch campus libraries or any special projects which might cause radical increases or decreases from the 2003-04 data. **The form will not be able to provide your institution's 2003-04 footnotes.** Please make an effort to word your footnotes in a manner consistent with notes appearing in the published report, so that the ARL Office can interpret your footnotes correctly.

Submit the completed questionnaire by **December 20, 2005**

For assistance, please e-mail Martha Kyrillidou (martha@arl.org) or Mark Young (stats-ra@arl.org)
Tel. (202) 296-2296.

ARL STATISTICS QUESTIONNAIRE, 2004-05

INSTRUCTIONS FOR COMPLETING THE QUESTIONNAIRE

General Instructions

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

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

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

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

A **branch library** is defined as an auxiliary library service outlet with quarters separate from the central library of an institution, which has a basic collection of books and other materials, a regular staffing level, and an established schedule. A branch library is administered either by the central library or (as in the case of some law and medical libraries) through the administrative structure of other units within the university. Departmental study/reading rooms are not included.

The questionnaire assumes a fiscal year ending **June 30, 2005**. If your fiscal year is different, please indicate this in the notes below by adjusting the reporting period.

Footnotes. Explanatory footnotes will be included with the published statistics. Provide any notes you may have in the footnotes area at the end of the survey. Reporting libraries are urged to record there any information that would clarify the figures submitted in that line, e.g., the inclusion and exclusion of branch campus libraries. Please make an effort to word your footnotes in a manner consistent with notes appearing in the published report, so that the ARL Office can interpret your footnotes correctly.

Specific Instructions

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

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

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

Include government document volumes that are accessible through the library's catalogs regardless of whether they are separately shelved. "Classified" includes documents arranged by Superintendent of Documents, CODOC, or similar numbers. "Cataloged" includes documents for which records are provided by the library or downloaded from other sources into the library's card or online catalogs. Documents should, to the extent possible, be counted as they would if they were in bound volumes (e.g., 12 issues of an annual serial would be one or two volumes). Title and piece counts should not be considered the same as volume counts. If a volume count has not been kept, it may be estimated through sampling a representative group of title records and determining the corresponding number of volumes, then extrapolating to the rest of the collection. As an alternative, an estimate may be made using the following formulae:

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

Include e-book units, as long as these e-books have been purchased and are owned by your library. If you have access to netLibrary titles as a result of participating in various consortia, **do not** report these e-books as your library's property unless the e-books actually belong to your library. If the books were purchased by a consortium, they may belong to the consortium itself and not to the participating libraries. Report only the number of e-books that belong to your library and are cataloged, classified and made ready for use. Provide a footnote explaining how many e-books you are reporting, preferably by specifying the products and the number of titles in a note.

For information on how to count items housed in remote storage, see the Interim Guidelines for Counting Materials Housed in Library Storage Centers, at <http://www.arl.org/stats/arlstat/storage.html> .

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

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

Include e-book units, as long as these e-books have been purchased and are owned by your library. If you have access to netLibrary titles as a result of participating in various consortia, **do not** report these e-books as your library's property unless the e-books actually belong to your library. If the books were purchased by a consortium, they may belong to the consortium itself and not to the participating libraries. Report only the number of e-books that belong to your library and are cataloged, classified and made ready for use. Provide a footnote explaining how many e-books you are reporting, preferably by specifying the products and the number of titles in a note.

Question 2. Monographic Volumes Purchased. Report number of volumes purchased; do not include volumes received or cataloged. Include all volumes for which an expenditure was made during 2004-05, including volumes paid for in advance but not received during the fiscal year. Include monographs in series and continuations. Include e-books that fit the netLibrary model, i.e., electronic manifestations of physical entities and/or units; provide a footnote explaining how many e-books you are reporting, preferably by specifying the products and the number of titles. If only number of titles purchased can be reported, please report the data and provide an explanatory footnote.

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

Questions 4-5. Serials. 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 5. Exclude unnumbered monographic and publishers' series. Electronic serials acquired as part of an aggregated package (e.g., Project MUSE, BioOne, ScienceDirect) 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.

In the case of consortial agreements, count under Q4a only those subscriptions to titles for which the library pays directly from its budgeted expenditures reported under Q15b (expenditures for serials). Count under Q4a only those titles and subscriptions for which your library pays. Report other subscriptions that your library receives and does not pay for directly under Q4b (serials received and not purchased). If a purchased subscription includes electronic access to the title, count that subscription twice: once for the print version and once for the electronic version. If serials have been purchased through a consortium whose budget is centrally funded and independent from the library's budget, these serials should be reported under Q4b.

Do not include the full-text serials from such indexing/abstracting products as Wilson Social Sciences Abstracts Full Text, Lexis-Nexis, ABI/INFORM, and other indexes with access to the full text of articles. These full-text titles are counted in in the ARL Supplementary Statistics.

Question 4b. Serials: Not Purchased. Record those serials whose subscriptions were received without purchase for whatever reason. If separate counts of nonpurchased and purchased serials are not available, report only the total number of current serials received on line 4, and report U/A for lines 4a and 4b.

Question 6. Microforms. Report the total number of physical units: reels of microfilm, microcards, and microprint and microfiche sheets. Include all government documents in microform; provide a footnote if documents are excluded.

Question 7. Government documents. Report the total number of physical units (pieces) of government documents in paper format that have not been counted elsewhere. Include local, state, national, and international documents; include documents purchased from a commercial source if shelved with separate documents collections and not counted above. Include serials and monographs. To estimate pieces from a measurement of linear feet, use the formula $1 \text{ foot} = 52 \text{ pieces}$ and indicate in a footnote that the count is based on this estimate. Exclude microforms and 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 8. Computer files. Include the number of pieces of computer-readable disks, tapes, CD-ROMs, and similar machine-readable files comprising data or programs that are locally held as part of the library's collections available to library clients. Examples are 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 9. Manuscripts and archives. Include both manuscripts and archives measured in linear feet.

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

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

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

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

Questions 14-20. Expenditures. Report all expenditures of funds that come to the library from the regular institutional budget, and from sources such as research grants, special projects, gifts and endowments, and fees for service. (For question 17, include non-library funds; see instruction Q17.) Do not report encumbrances of funds that have not yet been expended. **Canadian libraries should report expenditures in Canadian dollars.** (For your information, if interested in determining figures in U.S. dollars, divide Canadian dollar amounts by 1.24971, the average monthly noon exchange rate published in the Bank of Canada *Review* for the period July 2004-June 2005.) **Please round figures to the nearest dollar.**

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

Question 15b. Current Serials. Report expenditures for serials counted on line 4a. Exclude unnumbered monographic and publishers' series, and encumbrances.

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

Question 15d. Miscellaneous expenditures. Include any other **materials funds expenditures** not included in questions 15a-c, e.g., expenditures for bibliographic utilities, literature searching, security devices, memberships for the purposes of publications, etc. Please list categories, with amounts, in a footnote. **Note:** If your library does not use materials funds for non-materials expenditures—i.e., such expenditures are included in “Other Operating Expenditures”—**report 0, not U/A**, on line 15d.

Question 16. Contract Binding. Include only contract expenditures for binding done outside the library. If all binding is done in-house, state this fact and give in-house expenditures in a footnote; do not include personnel expenditures. (This figure should also be reported in the 2004-05 ARL Preservation Survey, question 7b.)

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

Question 17c. Salaries and wages: Student Assistants. Report 100% of student wages regardless of budgetary source of funds. Include federal and local funds for work study students.

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

*Questions 21-25. Electronic 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. **Many expenditures recorded in these questions should have been included in Question 20, total library expenditures.***

Question 21. 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 (Q15a), Other Library Materials (Q15c), Miscellaneous (Q15d), or Other Operating Expenditures (Q19).

Question 22. 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 (Question 4) or Current Serial Expenditures (Question 15b).

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

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

Q23b. From external sources. If your library receives access to computer files, electronic serials or search services through one or more centrally-funded system or consortial arrangements for which it does not pay fully and/or directly (for example, funding is provided by the state on behalf of all members), enter the amount paid by external bodies on its behalf. If the specific dollar amount is not known, but the total student FTE for the consortium and amount spent for the academic members are known, divide the overall amount spent by your institution’s share of the total student FTE.

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

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

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

Include cost recovery positions and staff hired for special projects and grants, but provide an explanatory footnote indicating the number of such staff. If such staff cannot be included, provide a footnote. To compute full-time equivalents of part-time employees and student assistants, take the total number of hours per week (or year) worked by part-time employees in each category and divide it by the number of hours considered by the reporting library to be a full-time work week (or year). **Round figures to the nearest whole numbers.**

Question 26a. Professional Staff. Since the criteria for determining professional status vary among libraries, there is no attempt to define the term “professional.” Each library should report those staff members it considers professional, including, when appropriate, staff who are not librarians in the strict sense of the term, for example computer experts, systems analysts, or budget officers.

Question 26c. Student Assistants. Report the total FTE (see instruction Q26) of student assistants employed on an hourly basis whose wages are paid from funds under library control or from a budget other than the library’s, including federal work-study programs. Exclude maintenance and custodial staff.

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

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

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

Question 29. Presentations to Groups. Report the total number of sessions during the year of presentations made as part of formal bibliographic instruction programs and through other planned class presentations, orientation sessions, and tours. If the library sponsors multi-session or credit courses that meet several times over the course of a semester, each session should be counted. Presentations to groups may be for either bibliographic instruction, cultural, recreational, or educational purposes. Presentations both on and off the premises should be included as long as they are sponsored by the library. Do not include meetings sponsored by other groups using library meeting rooms. Do not include training for library staff; the purpose of this question is to capture information about the services the library provides for its clientele. Please indicate if the figure is based on sampling.

Question 30. Participants in Group Presentations. Report the total number of participants in the presentations reported on line 29. For multi-session classes with a constant enrollment, count each person only once. Personal, one-to-one instruction in the use of sources should be counted as reference transactions on line 31. Please indicate if the figure is based on sampling. Use a footnote to describe any special situations.

Question 31. Reference Transactions. Report the total number of reference transactions. A **reference transaction** is

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

If a contact includes both reference and directional services, it should be reported as one reference transaction. Duration should not be an element in determining whether a transaction is a reference transaction. Sampling based on a typical week may be used to extrapolate TO A FULL YEAR for Question 31. Please indicate if the figure is based on sampling.

EXCLUDE SIMPLE DIRECTIONAL QUESTIONS. A directional transaction is an information contact that facilitates the logistical use of the library and that does not involve the knowledge, use, recommendations, interpretation, or instruction in the use of any information sources other than those that describe the library, such as schedules, floor plans, and handbooks.

Questions 32-33. Circulation. For Question 32, count the number of initial circulations during the fiscal year from the general collection for use usually (although not always) outside the library. Do not count renewals. Include circulations to and from remote storage facilities for library users (i.e., do not include transactions reflecting transfers or stages of technical processing). Count the total number of items lent, not the number of borrowers. For

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

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

Questions 36. Ph.D. Degrees. Report the number awarded during the 2004-05 fiscal year. Please note that only the number of Ph.D. degrees are to be counted. Statistics on all other advanced degrees (e.g., D.Ed., D.P.A., M.D., J.D.) should not be reported in this survey. If you are unable to provide a figure for Ph.D.s only, please add a footnote.

Question 37. 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.

Question 38. 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 2003-04 (unless in previous years faculty were counted who should have been excluded according to the above definition). Please footnote any discrepancies.

Questions 39-42. Enrollment. U.S. libraries should use the Fall 2004 enrollment figures reported to the Department of Education on the Integrated Postsecondary Education Data System survey. Please check these figures against the enrollment figures reported to ARL last year to ensure consistency and accuracy. **Note:** In the past, the number of part-time students reported was FTE; the number now reported to IPEDS is a head count of part-time students. Canadian libraries should note that the category "graduate students" as reported here includes all post-baccalaureate students.

FOOTNOTES

Please consult the printed copy of the *ARL Statistics 2003-04* for a copy of last year's footnotes. A pdf version is available at: <http://www.arl.org/stats/arlstat/>. Explanatory footnotes will be included with the published statistics. Reporting libraries are urged to record in the footnote section any information that would clarify the figures submitted, e.g., the inclusion and exclusion of branch campus libraries (see the "General Instructions" for definition of branch campus libraries). Please make an effort to word your footnotes in a manner consistent with notes appearing in the published report, so that the ARL Office can interpret your footnotes correctly.

Submit the completed questionnaire
by **December 20, 2005.**

For assistance, please e-mail Martha Kyriallidou (martha@arl.org) or Mark Young (stats-ra@arl.org)
TEL. (202) 296-2296.

FOOTNOTES TO THE ARL ACADEMIC HEALTH SCIENCES LIBRARY STATISTICS 2004-05

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.

QUESTION NUMBER NOTES

ALABAMA

All figures are as of September 30, 2005.

- 15.c The library does not separate expenditures for audiovisual materials.
- 19 Includes bibliographic utilities and literature searching.

ALBERTA

All figures are as of March 31, 2005.

- 1 Includes 284 e-books.
- 2 Precise number of monographs purchased from 2000-01 onward is unavailable; all monographs purchased are included in gross volumes added (1.b.i.)
- 4 4, 8: John W. Scott Health Sciences Library is part of the larger University library system which is constantly moving towards central purchasing and consortia purchase agreements for the whole Library System. Individual numbers for JWS Health Sciences Library are not available.
- 6 Microform units figure remains the same, as no microform units were purchased in 2004-05.
- 8 John W. Scott Health Sciences Library is part of the larger University library system which is constantly moving towards central purchasing and consortia purchase agreements for the whole Library System. Individual numbers for JWS Health Sciences Library are not available.
- 15-25 Expenditures as reported in Canadian dollars: (15a) \$293,522; (15b) \$544,909; (15c) \$0; (15d) \$0; (15) \$838,431; (16) \$19,022; (17a) \$496,493; (17b) \$367,042; (17c) \$38,142; (17) \$901,677; (19) UA/NA; (20) \$1,759,130; (21) \$85,720; (22) \$339,878; (23a) UA/NA; (23b) UA/NA; (24) UA/NA; (25) UA/NA.
- 19, 20 Figures for other operating expenses for the J.W. Scott Health Sciences Library are not available because they are included as part of the larger University Library System.
- 26 Excludes 1 recurring term person who is .33 FTE.
- 26.c Figure of zero is a result of the library system's move to integration, and the pooling of staff across the system.
- 29-31 Instruction statistics are not available for 2004-05 due to inconsistent methods of recording data. Statistics will be reported for 2005-06 and they will be based on sampling.
- 33 Decrease due to more and more journals and books becoming available electronically.
- 34, 35 This statistic is kept for the University of Alberta Library system as a whole, and, due to use of Relais for collecting statistics, all requests funnel through one search queue, which makes it difficult to provide a break-down by unit library.

ARIZONA

- 27 Includes IS desk, Loan desk, CTS, LRC.
- 32, 33 Decrease due to previously *not* subtracting reserve and non-collection items.

CALIFORNIA, DAVIS

- 1.b The Health Sciences Library canceled a number of titles which effectively reduced the number of volumes added to the collection.
- 2 There was an increase in the number of monographic sets received for the Health Sciences Library.
- 15.b The Library prepaid serials for the Health Sciences in the amount of \$539,058 in 2003-04. Actual costs for this item for

QUESTION

NUMBER NOTES

2004-05 were \$959,045.

- 16 The Health Sciences Library is now processing a larger number of items in-house. This allows items to be bound and made available to patrons in a timely manner.
- 32, 33 As the number of items available to patrons online increases, the circulation of printed material is experiencing a decline.

CALIFORNIA, SAN DIEGO

Unless otherwise noted, all figures include both Biomedical Library and Medical Center Library.

- 15.b Includes monographic and publishers series. Includes all formats. Includes electronic databases subscribed to annually.
- 31 The Biomedical Library closed for construction in December 2004 and moved part of their main collection and service points into the main library. Usage fell during this relocation period.

CASE WESTERN RESERVE

- 4.b Includes in-scope electronic journals also reported in the Main Library statistics.
- 15.d Figure reflects database expenditures (OhioLINK warchest group; Current Contents; MDConsult; Journal Citation Reports; eMedicine).

CHICAGO

Data for the ARL survey are 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.

- 1.b Figure is the result of a decrease in periodical binding.
- 15b, 15c Print and electronic continuing expenditures are reported in (15b). One-time electronic purchases are reported in (15c). In FY 2003-04, one-time and continuing electronic expenditures were included in (15c).
- 15.c Print and electronic continuing expenditures are reported in 15b. In (15c) one-time electronic purchases are reported. In 2003-04, (15c) included one-time and continuing electronic expenditures.
- 31 2003-04 figure included directional questions; the corrected total is 3,685. Reference transactions include in-person, e-mail and written correspondence.

CINCINNATI

- 4.a Decrease due to a high number of OhioLINK journals credited to the medical library last year. With the current submission model, it is not possible to credit the medical library with its access to OhioLINK journals separately. The OhioLINK component, therefore, is counted in the raw data only once, under the main library stats. That figure in 2004-05 is 4,663.
- 17a, 26a Professional IT personnel not included in 2003-04 are now included.

CORNELL

Excludes the Medical College Library in New York, NY.

DARTMOUTH

- 2 Figure is an estimate based on number of payments lines in 2004-05; includes serial backfiles.
- 4.a Only electronic journals purchased individually by the Biomedical library are counted here. Electronic journal titles purchased in packages appear only in Main library count.
- 17 2003-04 figures revised to: (17a) \$580,429; (17b) \$375,262; (17c) \$49,767; (17) \$1,005,458.

EMORY

All figures are as of August 31, 2005.

QUESTION
NUMBER NOTES

FLORIDA

- 26.a Includes two grant-supported positions.

FLORIDA STATE

Volumes held June 30, 2004 revised to 8,145.

GEORGE WASHINGTON

- 13 Includes MEDLINE, AMED, CINAHL, 4 EBM files, Hapi, Sportsoiseus, Up-to-Date, MDCONSULT, FIRST CONSULT, eMEDICINE., AFRICAL Health Line, OSH-ROM, Global Health, iMacW-MD.
- 15-25 Includes all of the above except MDCONSULT, First Consult, UP-to-Date, and eMEDICINE.

GEORGETOWN

Volumes held June 30, 2004 revised to 140,741.

HARVARD

- 1, 15, 21 Decreases reflect a collections policy change.
- 15 Reductions in expenditures for monographs and serials as well as increases in the "other" category reflect an emphasis on digital resources. See footnote 1.
- 17, 20, 26 The Countway Library of Medicine underwent a transition in leadership which resulted in organizational change.
- 24 Increased expenditures for information technology are attributable to the emphasis on digital resources.
- 25 Decrease reflects fewer transactions, and also a change in accounting systems.
- 33 Decrease in circulation of physical volumes reflects the emphasis on digital resources in medicine.
- 34, 35 Increased availability of digital resources reduces the demand for interlibrary loans.

ILLINOIS, CHICAGO

Volumes held June 30, 2004 revised to 703,120.

- 12 The Library of the Health Sciences withdrew most of its AV collection in 2004-05.
- 17 Library of the Health Sciences information included in all Daley salary and wage figures. Breakdown of data for both locations is unavailable.

IOWA

- 1.b.i Government Publications print is now included here.
- 1.b.ii Government Publications print withdrawn.
- 4 Figures reflect better counting methods.
- 7 Print items not counted in volumes added.
- 24 Unable to separate figure from computer purchases for the Libraries.
- 25 2003-04 included all postage and freight as it could not be separated by unit. In 2004-05 the charges could be separated.

KANSAS

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

- 1.b.ii, 1.b Changes due to Medical Center library project of thinning collections in 2003-04.
- 4 2004-05 figures reflect the titles added to the system by using the Serials Solutions service for cataloging. It greatly facilitated adding many new titles from packages.

QUESTION**NUMBER NOTES**

- 15.a Some materials money was shifted from books to journals to cover the ongoing costs of journals.
- 15.c This is a reallocation of acquisitions money. The AV collection was moved into the main Dykes Library, and some supplementing was done.
- 17, 26a Additional professional positions were added, and some positions that had been open for some time were filled.
- 26.a Added some additional professional positions.
- 31 Activity at the public service has declined.

MCGILL

All figures are as of April 30, 2005.

Volumes held June 30, 2004 revised to 343,077.

- 15-25 Expenditures as reported in Canadian dollars: (15a) \$201,462; (15b) \$1,150,614; (15c) \$155,159; (15d) \$44,997; (15) \$1,552,232; (16) \$34,014; (17a) \$490,835; (17b) \$527,634; (17c) \$49,837; (17) \$1,068,306; (19) \$283,163; (20) \$2,937,715; (21) \$139,012; (22) \$780,124; (23a) UA/NA; (23b) \$0; (24) \$102,925; (25) \$24,437.

McMASTER

All figures are as of April 30, 2005.

- 15-25 Expenditures as reported in Canadian dollars: (15a) \$239,594; (15b) \$1,111,307; (15c) \$16,882; (15d) \$40,886; (15) \$1,408,669; (16) \$30,228; (17a) \$525,253; (17b) \$678,150; (17c) \$50,239; (17) \$1,253,642; (19) \$184,058; (20) \$2,876,597; (21) \$12,445; (22) \$893,928; (23a) \$16,885; (23b) \$0; (24) \$47,193; (25) \$49,461.

MIAMI

All figures are as of May 31, 2005.

- 4, 15 Includes print serials only.
- 8, 13 Computer files (8) and all audiovisual materials [(10) through (13)] are included in the figure for (13).
- 15.c Includes expenditures for electronic serials.
- 17.a Excludes medical library director's salary.
- 29, 30 In 2004 the medical library included both individual consultations and group presentations; in 2005 (as in years prior to 2004) only group presentations are included.

MINNESOTA

- 11-13 Aggregated data unavailable. Total audiovisual count for BioMedical Library is 1,622.
- 15, 22 Figures do not reflect expenses paid from non-Health Sciences Library budgets.
- 15.c Figure reflects increased expenditure on serial backfiles.
- 24 Decrease due to change in replacement cycle for equipment.

MONTREAL

All figures are as of May 31, 2005.

Volumes held June 30, 2004 revised to 327,352 due to a recounting operation of serials.

- 15-25 Expenditures as reported in Canadian dollars: (15a) \$179,642; (15b) \$1,969,427; (15c) \$0; (15d) \$0; (15) \$2,149,069; (16) \$37,737; (17a) \$675,116; (17b) \$1,139,068; (17c) \$0; (17) \$1,814,184; (19) \$19,869; (20) \$4,020,859; (21) UA/NA; (22) \$1,619,404; (23a) UA/NA; (23b) UA/NA; (24) UA/NA; (25) UA/NA.

NEW MEXICO

- 4.a Total represents the number of monographic titles.
- 8 Increase due to cataloging educational software on public workstations.

QUESTION
NUMBER NOTES

23.a Includes back costs owed Illiad service. Figure does not include OPAC maintenance.

27 Includes one computer technical support desk.

NEW YORK

All figures are as of August 31, 2005.

NORTHWESTERN

All figures are as of August 31, 2005.

OHIO STATE

Volumes held June 30, 2004 revised to 291,189.

23.b Funds are provided for the entire university and not broken down by individual libraries.

OKLAHOMA STATE

4.a Print and e-journals received, less aggregator packages such as LexisNexis, EBSCO, Proquest, etc.

PENNSYLVANIA

Volumes held June 30, 2004 revised to 196,474.

QUEEN'S

All figures are as of April 30, 2005.

15-25 Expenditures as reported in Canadian dollars: (15a) \$175,803; (15b) \$1,432,861; (15c) UA/NA; (15d) UA/NA; (15) \$1,608,664; (16) \$14,731; (17a) \$263,235; (17b) \$422,896; (17c) \$45,389; (17) \$731,520; (19) \$341,730; (20) \$2,696,645; (21) UA/NA; (22) \$1,103,296; (23a) UA/NA; (23b) UA/NA; (24) UA/NA; (25) UA/NA.

ROCHESTER

Includes the Edward G Miner Library of the School of Medicine and Dentistry.

SASKATCHEWAN

All figures are as of April 30, 2005.

4 2,635 current serials received were included in figure for Main Library.

15-25 Expenditures as reported in Canadian dollars: (15a) \$133,646; (15b) \$923,355; (15c) UA/NA; (15d) UA/NA; (15) \$1,057,001; (16) \$16,818; (17a) \$259,370; (17b) \$230,155; (17c) \$49,271; (17) \$538,796; (19) UA/NA; (20) \$1,612,615; (21) UA/NA; (22) UA/NA; (23a) UA/NA; (23b) UA/NA; (24) UA/NA; (25) UA/NA.

15.b Includes \$217,960 provincial funding.

17.a Includes \$60,986 in provincial government funding.

26.a Includes 2 positions funded by provincial grant.

SUNY-BUFFALO

15.b Decrease from 2003-04 due to money being moved from the HSL budget to the Main Libraries, to fund a portion of a consortial agreement for Science Direct.

TEMPLE

Volumes held June 30, 2004 revised to 133,207.

19 Ovid and ScienceDirect expenditures were previously reported here, rather than with serials expenditures (15b).

TENNESSEE

Includes the Preston Medical Center Library and the University of Tennessee at Memphis.

Volumes held June 30, 2004 revised to 208,587.

QUESTION
NUMBER NOTES

TEXAS TECH

All figures are as of August 31, 2005.

- 4.a New software system allows for a more accurate count.
- 15.d Includes: Computer Equipment (\$2,537); AMIGOS OCLC (\$22,430); AMIGOS E-Reserve (\$5,535); AMIGOS First Search (\$678); Cybertools (\$26,340); Exam Master (\$2,250); First Consult (\$20,000); Gold Rush (\$3,600); Images MD (\$2,583); Info POEMS (\$5,846); Journal Citation Reports (\$3,932); MD Consult (\$85,120); Micro Medex (\$34,457); Natural Medicines (\$1,494); Natural Medicine Comprehensive Database (\$1,416); Occupational Therapy (\$795); OVID (\$39,679); RefWorks (\$2,550); TexShare (\$2,500).
- 20 Includes Harrington Library of the Health Sciences, TTUHSC/Amarill; Montes-Gallo Library of the Health Sciences, TTUHSC/El Paso; Library of the Health Sciences, TTUHSC/Odessa.

TULANE

Due to damage inflicted by Hurricane Katrina, Tulane University was unable to submit data for the 2004-05 ARL Statistics. The 2003-04 data have been used instead, with the library's permission.

UTAH

- 19 The Health Sciences Library has several subcontracts within the Regional Medical Library contract. Each year the subcontract payments make up a large portion of grants and contracts expenditures. Please note that \$776,925 represents subcontract payments for 2004-05.
- 24 Two Big Buy computer purchases were made during 2003-04; no Big Buy computer purchase was made during 2004-05.

WASHINGTON U.-ST. LOUIS

- 11 Figure reflects the total number of slide sets. Although in the past these were reported as individual items to maintain consistency, the slide set count is more appropriate and will be used as the count going forward.
- 19 Includes \$1,047,315 in fringes.

YALE

Volumes held June 30, 2004 revised to 444,498.

- 4 The figure of 9,272 total serials includes 2,029 print and 7,243 electronic subscriptions.

APPENDIX: ARL MEMBER LIBRARIES AS OF JUNE 1, 2006

<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
Michigan	S	University of Michigan	Ann Arbor, Michigan
Michigan State	S	Michigan State University	East Lansing, Michigan
Minnesota	S	University of Minnesota	Minneapolis, Minnesota

S: U.S. public univ.; P: U.S. private univ.; N: U.S. non-univ.; C: Canadian univ.; X: Canadian non-univ.

<u>Institution</u>	<u>Category</u>	<u>Full Name of Institution</u>	<u>Location</u>
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 univ.; P: U.S. private univ.; N: U.S. non-univ.; C: Canadian univ.; X: Canadian non-univ.