

ARL ACADEMIC
HEALTH SCIENCES
LIBRARY STATISTICS
2006–2007



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ASSOCIATION OF RESEARCH LIBRARIES
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ARL Academic Health Sciences Library Statistics 2006–2007

The tables presented in this publication are not indicative of performance and outcomes and should not be used as measures of library quality. In comparing any individual library to ARL medians or to other ARL members, one must be careful to make such comparisons within the context of differing institutional and local goals and characteristics.

The *ARL Academic Health Sciences Library Statistics* datafiles and accompanying documentation are available at www.arl.org/stats/annualsurveys/med/index.shtml.

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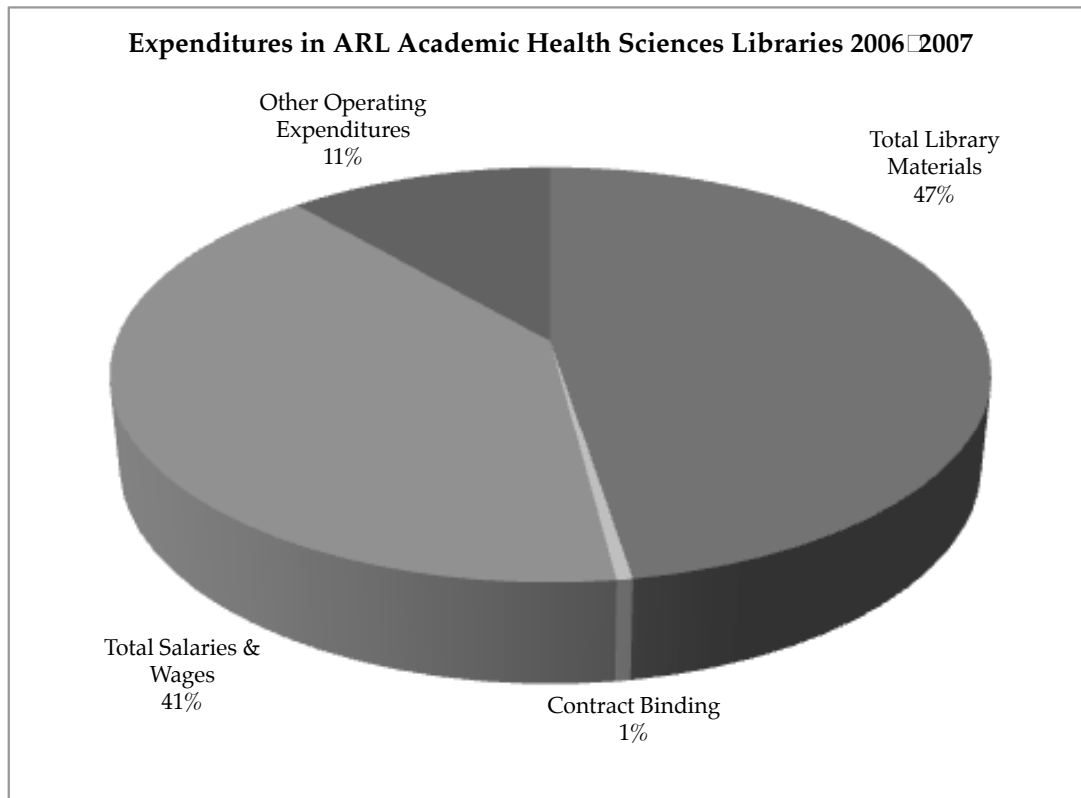
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HIGHLIGHTS
ARL ACADEMIC HEALTH SCIENCES LIBRARY STATISTICS 2006–2007

- Out of 113 ARL university libraries, 65 responded to this survey.¹
- Health Sciences libraries reported median values of 244,188 volumes held and 3,402 gross volumes added. The full-time equivalent of 2,395 staff were employed by these libraries during the year.
- Responding libraries reported total expenditures of \$ 244,188,020.² As seen in the graph below, library materials made up the largest portion of that total, with 46.46% of aggregated expenses falling under that category.
- Health sciences libraries reported a total of \$75,592,753 on electronic materials, or a median of 70% of their total materials budgets. This includes a total of \$71,413,063 on electronic serials.



¹ Seventy-three university libraries reported a health sciences library on the 2006–2007 ARL Statistics. British Columbia, Brown, Laval, McGill, Manitoba, Missouri, Ohio, 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 did submit a response to this survey.

² This figure includes Canadian universities, whose expenditures were converted to US dollars at the rate of 1.1323 Can\$ = 1 US\$, the average monthly noon exchange rate published in the Bank of Canada Review for the period July 2006 to June 2007.

**ARL ACADEMIC HEALTH SCIENCES LIBRARY DATA TABLES
2006-2007**

COLLECTIONS PART 1

		Volumes In Library	Volumes Added (Gross)	Volumes Added (Net)	Monographs Purchased (Volumes)	Current Serials Total
(Survey Question Number)	(1)	(1b.i)	(1b)	(2)	(4)	
INSTITUTION	Notes					
ALABAMA	bG+	17,857	382	-6	72	252
ARIZONA	bG+	223,653	1,777	1,596	157	10,147
BOSTON	+	144,028	2,649	702	408	2,890
CALIFORNIA, DAVIS	G+	371,573	7,292	6,446	2,144	1,081
CALIFORNIA, IRVINE	G+	333,470	7,835	7,695	4,069	5,720
CALIFORNIA, LOS ANGELES	G+	659,585	8,746	8,418	2,192	3,475
CALIFORNIA, SAN DIEGO	+	234,943	4,356	-3,556	2,197	4,627
CASE WESTERN RESERVE	G+	418,261	3,965	3,564	8,658	690
CHICAGO	G+	822,387	26,984	25,260	2,117	11,898
CINCINNATI	G+	304,671	3,246	3,117	1,163	UA/NA
COLUMBIA	+	559,607	803	803	803	UA/NA
CONNECTICUT	G+	206,604	2,796	1,526	1,589	10,637
CORNELL	+	189,353	4,619	4,401	1,528	6,119
DARTMOUTH	G+	258,976	2,596	-2,361	1,092	6,305
DUKE	b	296,491	3,750	3,519	599	1,200
EMORY		239,416	3,759	1,158	1,127	2,221
FLORIDA	G+	351,480	1,221	-986	1,066	349
FLORIDA STATE	b +	8,569	111	111	38	742
GEORGE WASHINGTON	b +	129,526	1,321	-224	1,123	2,404
GEORGETOWN	b +	99,499	538	538	404	3,103
HARVARD	G+	671,971	5,548	-9,686	UA/NA	2,174
HAWAII	+	30,164	3,446	2,795	4,286	1,045
HOWARD	b +	133,916	633	507	486	1,555
ILLINOIS, CHICAGO	G+	728,287	19,622	11,090	3,833	5,237
INDIANA	G+	277,471	3,775	2,630	1,197	5,288
IOWA	b +	313,284	16,879	16,684	1,447	5,839
JOHNS HOPKINS		412,188	1,978	-3,855	596	4,770
KANSAS	+	174,150	2,457	2,050	489	5,226
KENTUCKY	G	238,866	1,978	1,886	1,241	4,065
LOUISIANA STATE	+	48,584	421	390	165	2,602
LOUISVILLE	G	248,959	3,747	3,747	3,747	1,570
MCMASTER	G+	UA/NA	UA/NA	UA/NA	UA/NA	4,460
MIAMI	G+	233,833	4,376	4,362	1,130	9,074
MICHIGAN	bG+	567,227	6,869	4,054	1,895	2,375
MINNESOTA	bG+	557,086	7,741	6,176	1,410	UA/NA
MONTREAL	G+	336,036	4,183	2,339	1,802	4,862
NEW MEXICO		154,242	826	-8,142	731	2,198
NEW YORK	bG+	218,504	3,473	604	1,465	250
NORTH CAROLINA	G+	345,180	6,320	6,026	3,429	3,285
NORTHWESTERN	G+	283,659	3,668	3,289	1,606	8,179
OHIO STATE	bG+	289,939	4,011	-4,555	804	321
OKLAHOMA		316,679	5,902	5,887	1,684	UA/NA

COLLECTIONS PART 1

Current Serials Purchased	Current Serials Purchased Electronic	Current Serials Purchased Print	Current Serials Not Purchased	Current Serials Not Purchased Electronic	Current Serials Not Purchased Print	(4b.ii) (Survey Question Number)	INSTITUTION
(4a)	(4a.i)	(4a.ii)	(4b)	(4b.i)	(4b.ii)		
241	142	99	11	11	0		ALABAMA
10,147	9,725	422	0	UA/NA	UA/NA		ARIZONA
2,890	1,604	1,286	0	0	0		BOSTON
902	0	902	179	0	179		CALIFORNIA, DAVIS
3,767	3,270	497	1,953	1,845	108		CALIFORNIA, IRVINE
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA		CALIFORNIA, LOS ANGELES
3,480	2,983	497	1,147	1,115	32		CALIFORNIA, SAN DIEGO
655	336	319	35	0	35		CASE WESTERN RESERVE
9,398	8,000	1,398	2,500	2,500	0		CHICAGO
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA		CINCINNATI
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA		COLUMBIA
1,540	828	712	9,097	9,097	0		CONNECTICUT
5,344	4,520	824	775	741	34		CORNELL
6,099	5,490	609	206	26	180		DARTMOUTH
1,197	1,022	175	3	0	3		DUKE
1,387	385	1,002	834	832	2		EMORY
339	0	339	10	10	0		FLORIDA
742	598	144	0	0	0		FLORIDA STATE
1,173	958	215	1,231	1,221	10		GEORGE WASHINGTON
2,095	2,069	26	1,008	1,008	0		GEORGETOWN
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA		HARVARD
996	920	76	49	0	49		HAWAII
1,530	958	572	25	25	0		HOWARD
5,237	1,855	3,382	UA/NA	UA/NA	UA/NA		ILLINOIS, CHICAGO
1,572	989	583	3,716	3,672	44		INDIANA
4,510	3,910	600	1,329	1,269	60		IOWA
4,440	4,300	140	330	324	6		JOHNS HOPKINS
3,241	2,981	260	1,985	1,985	0		KANSAS
3,175	2,957	218	890	880	10		KENTUCKY
2,576	2,532	44	26	0	26		LOUISIANA STATE
1,570	0	1,570	0	UA/NA	UA/NA		LOUISVILLE
3,985	3,692	293	475	453	22		MCMASTER
8,993	8,792	201	81	0	81		MIAMI
2,375	2,375	0	0	0	0		MICHIGAN
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA		MINNESOTA
4,099	3,218	881	763	0	763		MONTREAL
1,790	1,693	97	408	397	11		NEW MEXICO
210	0	210	40	0	40		NEW YORK
2,198	1,721	477	1,087	978	109		NORTH CAROLINA
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA		NORTHWESTERN
321	0	321	0	0	0		OHIO STATE
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA		OKLAHOMA

COLLECTIONS PART 1

		Volumes In Library	Volumes Added (Gross)	Volumes Added (Net)	Monographs Purchased (Volumes)	Current Serials Total
(Survey Question Number)		(1)	(1b.i)	(1b)	(2)	(4)
INSTITUTION	Notes					
OKLAHOMA STATE	G+	58,875	1,677	1,677	1,205	UA/NA
PENNSYLVANIA	G	202,881	1,987	813	UA/NA	260
PENNSYLVANIA STATE	G+	106,535	7,309	7,259	980	7,570
PITTSBURGH	bG+	336,249	5,464	-1,348	5,330	4,537
QUEENS	G	147,723	1,977	404	1,464	UA/NA
ROCHESTER	bG+	266,367	4,111	3,919	1,461	4,260
SASKATCHEWAN	+	186,984	3,355	2,531	1,730	5,141
SOUTH CAROLINA		116,731	1,302	-3,068	959	24,207
SOUTHERN CALIFORNIA	G+	217,463	5,507	3,495	2,652	2,526
SOUTHERN ILLINOIS		173,107	2,636	-2,578	1,176	1,196
SUNY-BUFFALO	G+	357,934	2,558	2,251	1,094	2,253
SUNY-STONY BROOK	b +	264,586	1,292	-8,004	891	3,525
TEMPLE	G	141,557	3,408	3,351	3,434	6,310
TENNESSEE	+	218,971	3,396	727	394	933
TEXAS TECH	+	305,436	3,161	1,715	1,669	16,507
TULANE	+	157,819	1,372	410	703	3,170
UTAH	bG	197,845	2,876	1,843	903	3,546
VANDERBILT	G+	203,668	1,354	640	126	3,803
VIRGINIA	+	130,795	2,411	-46,367	657	UA/NA
WASHINGTON	G	378,467	5,656	-3,016	1,365	UA/NA
WASHINGTON U.-ST. LOUIS	G+	299,406	4,048	-1,167	1,305	3,763
WISCONSIN	G	316,030	1,618	420	1,092	4,466
YALE	G	459,433	4,281	4,146	1,929	7,485

SUMMARY DATA

High	822,387	26,984	25,260	8,658	24,207
Mean	276,485	4,209	1,251	1,589	4,451
Median	244,188	3,402	1,637	1,201	3,546
Low	8,569	111	-46,367	38	250
Sum	17,695,036	269,355	80,052	98,508	253,693
Number of Libraries	64	64	64	62	57

+ – See footnotes

UA/NA – Unavailable or Not Applicable

G – Government documents not included in serials count

b – Basis of volume count is bibliographic

COLLECTIONS PART 1

Current Serials Purchased	Current Serials Purchased Electronic	Current Serials Purchased Print	Current Serials Not Purchased	Current Serials Not Purchased Electronic	Current Serials Not Purchased Print	(4b.ii) (Survey Question Number)
(4a)	(4a.i)	(4a.ii)	(4b)	(4b.i)	(4b.ii)	(4b.ii) (Survey Question Number)
						INSTITUTION
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	OKLAHOMA STATE
250	0	250	10	0	10	PENNSYLVANIA
6,380	6,368	12	1,190	1,185	5	PENNSYLVANIA STATE
4,537	3,698	839	0	UA/NA	UA/NA	PITTSBURGH
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	QUEENS
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	ROCHESTER
4,202	4,077	125	939	897	42	SASKATCHEWAN
2,965	2,930	35	21,242	21,241	1	SOUTH CAROLINA
2,025	1,683	342	501	501	0	SOUTHERN CALIFORNIA
1,196	529	667	0	UA/NA	UA/NA	SOUTHERN ILLINOIS
850	0	850	1,403	0	1,403	SUNY-BUFFALO
2,311	2,238	73	1,214	1,210	4	SUNY-STONY BROOK
6,310	4,502	1,808	0	0	0	TEMPLE
886	651	235	47	47	0	TENNESSEE
14,991	13,801	1,190	1,516	1,432	84	TEXAS TECH
2,375	2,015	360	795	795	0	TULANE
1,559	736	823	1,987	1,748	239	UTAH
3,283	3,118	165	520	518	2	VANDERBILT
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	VIRGINIA
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	WASHINGTON
3,213	2,950	263	550	536	14	WASHINGTON U.-ST. LOUIS
1,296	1,141	155	3,170	3,159	11	WISCONSIN
2,029	900	1,129	5,456	5,256	200	YALE

SUMMARY DATA

14,991	13,801	3,382	21,242	21,241	1,403	High
3,111	2,960	552	1,645	2,028	116	Mean
2,311	2,307	341	795	978	34	Median
210	142	12	3	10	1	Low
164,872	136,160	28,712	70,733	66,914	3,819	Sum
53	46	52	43	33	33	Number of Libraries

COLLECTIONS PART 2

(Survey Question Number)	Microform Units (6)	Government Documents (7)	Computer Files (8)	Manuscripts and Archives (9)	Cartographic Materials (10)	Graphic Materials (11)	Audio Materials (12)	Film and Video (13)	
INSTITUTION	Notes								
ALABAMA	bG+	0	0	125	0	0	1,547	472	353
ARIZONA	bG+	4,700	UA/NA	108	15	34	71,719	596	4,971
BOSTON	+	29	0	210	712	0	17,700	325	225
CALIFORNIA, DAVIS	G+	12,769	0	182	0	0	364	1,524	235
CALIFORNIA, IRVINE	G+	346,972	20,140	1,339	494	1,348	8,599	1,156	1,329
CALIFORNIA, LOS ANGELES	G+	64,775	0	2,123	1,338	3	43,987	3,544	1,659
CALIFORNIA, SAN DIEGO	+	14,466	0	1,000	0	0	4,370	2,678	9
CASE WESTERN RESERVE	G+	3,752	0	350	1,000	0	51,833	1,300	1,319
CHICAGO	G+	27,874	0	779	0	0	0	UA/NA	UA/NA
CINCINNATI	G+	6,860	0	454	2,931	0	40,089	2,145	1,413
COLUMBIA	+	52,822	UA/NA	527	4,000	UA/NA	13,474	UA/NA	UA/NA
CONNECTICUT	G+	0	0	421	0	0	0	314	988
CORNELL	+	12,900	0	612	0	0	928	29	886
DARTMOUTH	G+	13,059	0	241	0	2	20,313	5,739	1,624
DUKE	b	193	0	28,764	10,720	93	548,836	1,108	2,545
EMORY		15	0	187	224	0	0	1,144	1,452
FLORIDA	G+	0	0	35	0	0	0	618	61
FLORIDA STATE	b+	0	0	0	0	0	0	0	0
GEORGE WASHINGTON	b+	0	0	415	90	0	3,665	1,184	1,115
GEORGETOWN	b+	0	0	61	0	0	69	0	105
HARVARD	G+	2,032	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA
HAWAII	+	0	0	39	0	0	0	0	0
HOWARD	b+	20,000	0	0	0	0	0	58	1,500
ILLINOIS, CHICAGO	G+	61,616	0	1,680	UA/NA	0	5,921	1,786	2,676
INDIANA	G+	6,856	UA/NA	525	UA/NA	0	35	0	324
IOWA	b+	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	219	451
JOHNS HOPKINS		9,872	0	250	0	0	380	844	800
KANSAS	+	0	0	1,518	0	0	153	62	1,046
KENTUCKY	G	2	0	12	0	0	31,598	1,280	1,226
LOUISIANA STATE	+	UA/NA	UA/NA	308	UA/NA	UA/NA	UA/NA	UA/NA	716
LOUISVILLE	G	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA
MCMASTER	G+	5,241	0	1,559	855	0	10	1,019	891
MIAMI	G+	2,837	0	UA/NA	601	UA/NA	UA/NA	UA/NA	3,747
MICHIGAN	bG+	3,966	0	1,399	3	0	2,947	209	228
MINNESOTA	bG+	67,136	19,979	599	80	7	UA/NA	UA/NA	UA/NA
MONTREAL	G+	31,540	0	567	0	0	12,727	998	1,767
NEW MEXICO		1	0	472	1,847	0	7,421	1,291	2,192
NEW YORK	bG+	11	0	701	707	0	8,861	445	1,338
NORTH CAROLINA	G+	35,383	0	19	0	0	820	131	2,128
NORTHWESTERN	G+	UA/NA	0	674	UA/NA	0	UA/NA	468	1,109
OHIO STATE	bG+	113	10	534	0	1,664	8,176	31	946
OKLAHOMA		650	0	96	5,623	0	0	0	6,205
OKLAHOMA STATE	G+	44,260	285	663	144	0	94,604	3,186	1,663

COLLECTIONS PART 2

(Survey Question Number)	Microform Units (6)	Government Documents (7)	Computer Files (8)	Manuscripts and Archives (9)	Cartographic Materials (10)	Graphic Materials (11)	Audio Materials (12)	Film and Video (13)	
INSTITUTION	Notes								
PENNSYLVANIA	G	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	
PENNSYLVANIA STATE	G+	0	0	497	90	0	743	76	416
PITTSBURGH	bG+	68,530	0	437	99	33	4	2,609	5,007
QUEENS	G	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA
ROCHESTER	bG+	0	0	83	1,020	0	5,000	65	77
SASKATCHEWAN	+	2,290	0	391	0	0	10,986	169	40
SOUTH CAROLINA		4,991	0	9	0	0	0	78	1,400
SOUTHERN CALIFORNIA	G+	9,337	0	601	35	0	15,239	2,456	783
SOUTHERN ILLINOIS		6,168	1,020	84	410	0	0	2,574	3,420
SUNY-BUFFALO	G+	41,272	0	640	0	0	63,415	734	4,068
SUNY-STONY BROOK	b +	0	0	1	0	0	0	1	2
TEMPLE	G	49	0	14	0	0	0	0	1,515
TENNESSEE	+	328	0	121	1,854	0	0	38	1,196
TEXAS TECH	+	2,550	0	2,576	750	0	786	4,678	6,748
TULANE	+	0	0	270	1,350	0	0	0	0
UTAH	bG	15,239	0	810	0	0	2,450	36	1,380
VANDERBILT	G+	9,119	0	970	4,634	2	0	2,559	1,352
VIRGINIA	+	16,042	0	282	1,047	0	18,460	1,608	2,391
WASHINGTON	G	85,210	0	2,907	0	2	478	2,262	482
WASHINGTON U.-ST. LOUIS	G+	1,779	0	1,013	2,482	0	3	66	979
WISCONSIN	G	5,817	6,291	75	6,418	0	11	911	1,280
YALE	G	15,651	0	544	521	0	10,717	1,920	581

SUMMARY DATA

High	346,972	20,140	28,764	10,720	1,664	548,836	5,739	6,748
Mean	24,193	7,954	1,085	1,680	319	27,547	1,199	1,534
Median	6,860	3,656	454	750	20	5,921	911	1,226
Low	1	10	1	3	2	3	1	2
Sum	1,137,074	47,725	61,873	52,094	3,188	1,129,438	58,743	84,359
Number of Libraries	47	6	57	31	10	41	49	55

+ – See footnotes

UA/NA – Unavailable or Not Applicable

G – Government documents not included in serials count

b – Basis of volume count is bibliographic

EXPENDITURES

		Monographs	Current Serials	Other Library Materials	Miscellaneous Materials	Total Library Materials	Contract Binding
(Survey Question Number)		(15a)	(15b)	(15c)	(15d)	(15)	(16)
INSTITUTION	Notes						
ALABAMA	bG+	8,851	51,967	44,138	1,225	106,181	2,596
ARIZONA	bG+	13,384	1,162,577	64,486	0	1,240,447	4,116
BOSTON	+	32,374	1,220,418	1,315	0	1,254,107	31,631
CALIFORNIA, DAVIS	G+	355,940	959,969	189,162	25,650	1,530,721	17,477
CALIFORNIA, IRVINE	G+	270,960	736,619	28,079	0	1,035,658	6,194
CALIFORNIA, LOS ANGELES	G+	572,365	1,986,768	UA/NA	UA/NA	2,559,133	65,234
CALIFORNIA, SAN DIEGO	+	183,874	1,702,992	29,277	0	1,916,143	30,084
CASE WESTERN RESERVE	G+	64,667	1,275,477	0	64,096	1,404,240	14,881
CHICAGO	G+	317,362	4,941,723	0	0	5,259,085	48,977
CINCINNATI	G+	112,512	1,470,551	120,478	0	1,703,541	21,962
COLUMBIA	+	188,304	2,010,647	10,158	71,000	2,280,109	21,913
CONNECTICUT	G+	136,974	1,356,416	46,655	308,928	1,848,973	11,099
CORNELL	+	81,202	1,593,456	130	4,222	1,679,010	31,272
DARTMOUTH	G+	58,439	959,239	4,198	0	1,021,876	9,723
DUKE	b	96,693	1,293,343	32,605	102,633	1,525,274	7,261
EMORY		89,802	1,809,659	54,095	182,216	2,135,772	29,588
FLORIDA	G+	149,008	1,724,206	5,834	195	1,879,243	8,175
FLORIDA STATE	b +	126,597	313,899	105,336	0	545,832	0
GEORGE WASHINGTON	b +	114,919	1,305,460	25,000	264,428	1,709,807	15,461
GEORGETOWN	b +	38,200	1,222,088	10,307	255,521	1,526,116	3,359
HARVARD	G+	181,066	266,476	1,436,676	0	1,884,218	60,155
HAWAII	+	79,747	223,881	86,122	0	389,750	0
HOWARD	b +	47,000	569,931	24,000	0	640,931	25,000
ILLINOIS, CHICAGO	G+	225,163	2,260,021	1,772	0	2,486,956	34,740
INDIANA	G+	146,497	1,558,237	329,135	0	2,033,869	19,226
IOWA	b +	200,308	1,855,171	2,980	58,244	2,116,703	0
JOHNS HOPKINS		188,389	1,974,918	549,238	0	2,712,545	8,731
KANSAS	+	196,270	1,167,614	18,689	0	1,382,573	6,958
KENTUCKY	G	133,036	1,535,978	4,690	14,650	1,688,354	5,025
LOUISIANA STATE	+	15,023	384,517	UA/NA	UA/NA	399,540	2,184
LOUISVILLE	G	62,031	1,422,329	2,938	0	1,487,298	28,134
MCMASTER	G+	158,005	1,129,867	0	47,172	1,335,044	12,326
MIAMI	G+	169,552	1,731,322	0	0	1,900,874	17,882
MICHIGAN	bG+	134,804	1,028,833	461,069	19,454	1,644,160	0
MINNESOTA	bG+	615,391	2,185,403	309,405	25,148	3,135,347	61,796
MONTREAL	G+	193,987	1,717,966	0	0	1,911,954	13,061
NEW MEXICO		76,833	777,557	1,116	117,816	973,322	1,919
NEW YORK	bG+	164,104	2,189,871	77,983	0	2,431,958	80,398
NORTH CAROLINA	G+	352,417	2,545,849	126,433	45,850	3,070,549	18,673
NORTHWESTERN	G+	69,502	1,464,030	331,370	6,377	1,871,279	18,584
OHIO STATE	bG+	73,747	1,193,700	4,112	667	1,272,226	21,457
OKLAHOMA		80,351	1,417,229	188,143	0	1,685,723	35,238

EXPENDITURES

Salaries & Wages Professional Staff	Salaries & Wages Support Staff	Salaries & Wages Student Assistants	Salaries & Wages Total	Other Operating Expenditures	Total Library Expenditures	
(17a)	(17b)	(17c)	(17)	(19)	(20)	(Survey Question Number)
						INSTITUTION
135,028	62,052	0	197,080	20,069	325,926	ALABAMA
1,033,603	925,642	91,011	2,050,256	1,365,807	4,660,626	ARIZONA
672,716	322,754	67,002	1,062,472	194,535	2,542,745	BOSTON
607,401	416,347	366,628	1,390,376	79,357	3,017,931	CALIFORNIA, DAVIS
493,726	547,452	78,752	1,119,930	289,361	2,451,143	CALIFORNIA, IRVINE
1,255,126	656,005	314,494	2,225,625	599,870	5,449,862	CALIFORNIA, LOS ANGELES
811,816	645,778	102,017	1,559,611	320,878	3,826,716	CALIFORNIA, SAN DIEGO
520,950	333,950	140,999	995,899	97,041	2,512,061	CASE WESTERN RESERVE
316,338	492,604	114,901	923,843	32,699	6,264,604	CHICAGO
2,523,151	254,674	112,291	2,890,116	964,233	5,579,852	CINCINNATI
867,438	363,325	5,298	1,236,061	122,624	3,660,707	COLUMBIA
1,067,248	655,860	69,718	1,792,826	70,932	3,723,830	CONNECTICUT
524,749	1,266,035	0	1,790,784	412,630	3,913,696	CORNELL
623,704	475,062	17,877	1,116,643	107,302	2,255,544	DARTMOUTH
1,158,786	661,824	0	1,820,610	201,530	3,554,675	DUKE
700,630	877,355	16,066	1,594,051	482,109	4,241,520	EMORY
1,313,307	881,316	95,807	2,290,430	235,995	4,413,843	FLORIDA
235,000	50,982	28,499	314,481	8,842	869,155	FLORIDA STATE
1,004,271	628,405	103,984	1,736,660	211,294	3,673,222	GEORGE WASHINGTON
UA/NA	UA/NA	19,718	806,508	184,881	2,520,864	GEORGETOWN
2,300,183	785,783	7,150	3,093,116	666,412	5,703,901	HARVARD
207,364	99,854	0	307,218	49,341	746,309	HAWAII
601,130	340,710	31,200	973,040	40,000	1,678,971	HOWARD
824,146	1,111,994	87,852	2,023,992	56,099	4,601,787	ILLINOIS, CHICAGO
791,861	697,611	81,933	1,571,405	202,693	3,827,193	INDIANA
418,719	448,456	149,798	1,016,973	183,579	3,317,255	IOWA
1,306,513	957,829	0	2,264,342	1,608,415	6,594,033	JOHNS HOPKINS
378,504	570,743	36,655	985,902	270,783	2,646,216	KANSAS
829,644	284,675	86,518	1,200,837	120,854	3,015,070	KENTUCKY
41,000	166,449	0	207,449	UA/NA	609,173	LOUISIANA STATE
514,813	454,030	63,263	1,032,106	498,825	3,046,363	LOUISVILLE
499,886	662,189	40,354	1,202,430	140,215	2,690,015	MCMASTER
1,188,944	457,293	0	1,646,237	358,348	3,923,341	MIAMI
723,943	687,672	187,333	1,598,948	22,471	3,265,579	MICHIGAN
787,265	1,153,441	290,897	2,231,603	926,353	6,355,099	MINNESOTA
689,397	1,005,875	0	1,695,272	19,822	3,640,108	MONTREAL
1,594,413	1,828,505	60,538	3,483,456	2,060,835	6,519,532	NEW MEXICO
1,859,311	868,070	169,018	2,896,399	725,495	6,134,250	NEW YORK
1,963,856	1,172,954	152,202	3,289,012	603,509	6,981,743	NORTH CAROLINA
919,517	428,163	21,315	1,368,995	282,205	3,541,063	NORTHWESTERN
893,821	746,792	107,386	1,747,999	217,878	3,259,560	OHIO STATE
340,121	596,748	77,940	1,014,809	420,663	3,156,433	OKLAHOMA

EXPENDITURES

		Monographs	Current Serials	Other Library Materials	Miscellaneous Materials	Total Library Materials	Contract Binding
(Survey Question Number)		(15a)	(15b)	(15c)	(15d)	(15)	(16)
INSTITUTION	Notes						
OKLAHOMA STATE	G+	40,076	195,570	76,474	8,552	320,672	2,124
PENNSYLVANIA	G	102,205	2,017,135	UA/NA	UA/NA	2,119,340	11,997
PENNSYLVANIA STATE	G+	60,172	1,187,246	0	201,354	1,448,772	7,792
PITTSBURGH	bG+	685,589	2,393,832	1,178,793	0	4,258,214	17,477
QUEENS	G	154,367	1,397,004	2,593	UA/NA	1,553,964	6,683
ROCHESTER	bG+	69,046	1,414,636	317,843	0	1,801,525	32,604
SASKATCHEWAN	+	185,153	2,312,054	UA/NA	UA/NA	2,497,207	9,550
SOUTH CAROLINA		17,911	469,670	127,435	0	615,016	0
SOUTHERN CALIFORNIA	G+	298,664	2,107,971	30,292	196,295	2,633,222	48,838
SOUTHERN ILLINOIS		77,498	755,421	1,524	37,674	872,117	16,448
SUNY-BUFFALO	G+	136,625	804,247	24,386	0	965,258	8,000
SUNY-STONY BROOK	b +	73,536	1,101,351	113,464	4,600	1,292,951	0
TEMPLE	G	369,031	1,163,651	617,089	4,499	2,154,270	26,353
TENNESSEE	+	35,659	1,464,911	377,189	18,006	1,895,765	10,796
TEXAS TECH	+	146,066	1,740,354	22,300	263,249	2,171,969	11,947
TULANE	+	96,322	969,765	0	0	1,066,087	4,762
UTAH	bG	97,668	1,115,713	59,125	0	1,272,506	19,650
VANDERBILT	G+	179,996	2,313,900	195,022	39,800	2,728,718	9,898
VIRGINIA	+	94,330	1,710,490	149,236	3,560	1,957,616	0
WASHINGTON	G	166,743	2,376,657	4,767	7,265	2,555,432	24,693
WASHINGTON U.-ST. LOUIS	G+	130,494	2,870,120	0	948	3,001,562	25,169
WISCONSIN	G	67,533	1,174,582	1,192	261,370	1,504,677	51,819
YALE	G	255,772	2,289,488	43,084	0	2,588,344	22,384

SUMMARY DATA

High	685,589	4,941,723	1,436,676	308,928	5,259,085	80,398
Mean	155,632	1,462,214	152,244	80,687	1,782,948	21,060
Median	130,494	1,414,636	44,138	37,674	1,703,541	17,477
Low	8,851	51,967	130	195	106,181	1,919
Sum	10,116,107	95,043,942	8,068,932	2,662,664	115,891,645	1,221,474
Number of Libraries	65	65	53	33	65	58

+ – See footnotes

UA/NA – Unavailable or Not Applicable

G – Government documents not included in serials count

b – Basis of volume count is bibliographic

EXPENDITURES

Salaries & Wages Professional Staff	Salaries & Wages Support Staff	Salaries & Wages Student Assistants	Salaries & Wages Total	Other Operating Expenditures	Total Library Expenditures	
(17a)	(17b)	(17c)	(17)	(19)	(20)	(Survey Question Number)
						INSTITUTION
211,940	284,243	51,794	547,977	114,658	985,431	OKLAHOMA STATE
617,898	527,801	74,592	1,220,291	366,462	3,718,090	PENNSYLVANIA
213,025	373,562	9,560	596,147	128,271	2,180,982	PENNSYLVANIA STATE
1,520,870	1,040,201	55,926	2,616,997	589,882	7,482,570	PITTSBURGH
289,770	389,739	35,196	714,705	175,227	2,450,579	QUEENS
1,009,420	186,287	60,500	1,256,207	255,598	3,345,934	ROCHESTER
291,608	213,345	51,377	556,330	UA/NA	3,063,087	SASKATCHEWAN
441,809	205,348	46,910	694,067	103,206	1,412,289	SOUTH CAROLINA
995,426	846,260	157,113	1,998,799	528,024	5,208,883	SOUTHERN CALIFORNIA
395,343	475,948	14,039	885,330	87,920	1,861,815	SOUTHERN ILLINOIS
1,033,091	228,640	129,640	1,391,371	142,030	2,506,659	SUNY-BUFFALO
1,427,332	194,517	108,833	1,730,682	548,406	3,572,039	SUNY-STONY BROOK
533,524	429,269	34,669	997,462	234,949	3,413,034	TEMPLE
816,032	458,260	8,655	1,282,947	191,319	3,380,827	TENNESSEE
1,069,305	616,960	187,542	1,873,807	294,421	4,352,144	TEXAS TECH
315,462	176,376	15,000	506,838	0	1,577,687	TULANE
618,556	563,980	188,518	1,371,054	2,499,784	5,162,994	UTAH
1,613,828	495,035	9,797	2,118,660	747,002	5,604,278	VANDERBILT
1,079,161	984,056	20,006	2,083,223	323,113	4,363,952	VIRGINIA
1,472,796	719,898	169,453	2,362,147	2,197,592	7,139,864	WASHINGTON
1,882,930	723,172	83,798	2,689,900	2,131,415	7,848,046	WASHINGTON U.-ST. LOUIS
1,092,092	540,728	147,167	1,779,987	300,708	3,637,191	WISCONSIN
1,482,218	683,300	46,048	2,211,566	385,835	5,208,129	YALE

SUMMARY DATA

2,523,151	1,828,505	366,628	3,483,456	2,499,784	7,848,046	High
874,418	584,378	89,518	1,526,958	448,752	3,756,739	Mean
801,839	544,090	74,592	1,391,371	245,797	3,572,039	Median
41,000	50,982	5,298	197,080	8,842	325,926	Low
55,962,775	37,400,183	5,102,547	99,252,295	27,822,606	244,188,020	Sum
64	64	57	65	62	65	Number of Libraries

ELECTRONIC RESOURCES EXPENDITURES

		One-time Electronic Resource Purchases	Ongoing Electronic Resource Purchases	Total Electronic Resource Purchases	Total Library Materials Expenditures	Electronic Resources as a % of Library Materials Budget
(Survey Question Number)		(21)	(22)	(21 + 22)	(15)	
INSTITUTION	Notes					
ALABAMA	bG+	UA/NA	43,809	43,809	106,181	41
ARIZONA	bG+	72,736	973,963	1,046,699	1,240,447	84
BOSTON	+	0	482,497	482,497	1,254,107	38
CALIFORNIA, DAVIS	G+	164,877	689,481	854,358	1,530,721	56
CALIFORNIA, IRVINE	G+	31,473	508,714	540,187	1,035,658	52
CALIFORNIA, LOS ANGELES	G+	UA/NA	UA/NA	.	2,559,133	.
CALIFORNIA, SAN DIEGO	+	31,211	1,347,591	1,378,802	1,916,143	72
CASE WESTERN RESERVE	G+	0	988,810	988,810	1,404,240	70
CHICAGO	G+	0	4,393,716	4,393,716	5,259,085	84
CINCINNATI	G+	0	1,058,679	1,058,679	1,703,541	62
COLUMBIA	+	293,735	1,738,825	2,032,560	2,280,109	89
CONNECTICUT	G+	22,827	1,237,053	1,259,880	1,848,973	68
CORNELL	+	108,791	894,119	1,002,910	1,679,010	60
DARTMOUTH	G+	0	770,256	770,256	1,021,876	75
DUKE	b	UA/NA	1,075,071	1,075,071	1,525,274	70
EMORY		38,700	976,017	1,014,717	2,135,772	48
FLORIDA	G+	.	1,398,083	1,398,083	1,879,243	74
FLORIDA STATE	b +	1,500	483,211	484,711	545,832	89
GEORGE WASHINGTON	b +	20,290	1,122,546	1,142,836	1,709,807	67
GEORGETOWN	b +	57,500	1,244,333	1,301,833	1,526,116	85
HARVARD	G+	1,436,676	UA/NA	1,436,676	1,884,218	76
HAWAII	+	0	368,994	368,994	389,750	95
HOWARD	b +	71,000	512,059	583,059	640,931	91
ILLINOIS, CHICAGO	G+	UA/NA	907,444	907,444	2,486,956	36
INDIANA	G+	154,900	1,469,491	1,624,391	2,033,869	80
IOWA	b +	6,112	1,423,083	1,429,195	2,116,703	68
JOHNS HOPKINS		119,799	2,326,990	2,446,789	2,712,545	90
KANSAS	+	27,368	331,301	358,669	1,382,573	26
KENTUCKY	G	0	1,019,467	1,019,467	1,688,354	60
LOUISIANA STATE	+	0	385,000	385,000	399,540	96
LOUISVILLE	G	1,140	171,373	172,513	1,487,298	12
MCMASTER	G+	311,518	976,353	1,287,872	1,335,044	96
MIAMI	G+	0	1,325,676	1,325,676	1,900,874	70
MICHIGAN	bG+	0	467,326	467,326	1,644,160	28
MINNESOTA	bG+	77,042	2,259,737	2,336,779	3,135,347	75
MONTREAL	G+	UA/NA	1,068,506	1,068,506	1,911,954	56
NEW MEXICO		37,196	889,992	927,188	973,322	95
NEW YORK	bG+	17,000	1,591,501	1,608,501	2,431,958	66
NORTH CAROLINA	G+	287,336	1,510,991	1,798,327	3,070,549	59
NORTHWESTERN	G+	17,000	1,676,045	1,693,045	1,871,279	90
OHIO STATE	bG+	0	994,913	994,913	1,272,226	78
OKLAHOMA		51,639	520,670	572,309	1,685,723	34

ELECTRONIC RESOURCES EXPENDITURES

Bibl. Utilities, Networks, etc. Library Expenditures (23a)	Bibl. Utilities, Networks, etc. External Expenditures (23b)	Computer Hardware and Software Expenditures (24)	Document Delivery/ Interlibrary Loan Expenditures (25) (Survey Question Number)	INSTITUTION
502	0	333	543	ALABAMA
13,449	UA/NA	534,670	27,396	ARIZONA
11,542	0	16,193	15,466	BOSTON
9,344	0	8,371	41,588	CALIFORNIA, DAVIS
12,828	110,483	50,327	8,351	CALIFORNIA, IRVINE
UA/NA	UA/NA	UA/NA	UA/NA	CALIFORNIA, LOS ANGELES
UA/NA	258,995	107,885	105,882	CALIFORNIA, SAN DIEGO
12,853	0	14,274	10,974	CASE WESTERN RESERVE
UA/NA	UA/NA	125,000	31,949	CHICAGO
8,400	0	355,845	4,162	CINCINNATI
5,915	UA/NA	85,661	9,229	COLUMBIA
18,235	0	60,964	9,862	CONNECTICUT
18,635	0	116,853	4,709	CORNELL
UA/NA	UA/NA	24,680	68,275	DARTMOUTH
79,908	0	100,397	3,598	DUKE
746	0	113,138	18,898	EMORY
3,791	.	135,731	12,643	FLORIDA
0	0	0	1,189	FLORIDA STATE
4,812	UA/NA	65,135	8,318	GEORGE WASHINGTON
5,938	0	32,012	2,445	GEORGETOWN
3,139	UA/NA	60,087	UA/NA	HARVARD
18,776	0	25,398	66	HAWAII
4,213	UA/NA	UA/NA	8,500	HOWARD
0	UA/NA	52,406	UA/NA	ILLINOIS, CHICAGO
0	0	0	8,700	INDIANA
17,407	0	37,157	195,654	IOWA
UA/NA	UA/NA	52,241	UA/NA	JOHNS HOPKINS
0	0	75,756	35,355	KANSAS
0	0	33,560	31,243	KENTUCKY
660	UA/NA	UA/NA	3,884	LOUISIANA STATE
UA/NA	UA/NA	UA/NA	UA/NA	LOUISVILLE
22,079	0	35,326	49,457	MCMASTER
16,667	0	27,999	17,824	MIAMI
0	0	0	1,371	MICHIGAN
0	0	107,953	13,430	MINNESOTA
UA/NA	UA/NA	UA/NA	UA/NA	MONTREAL
28,623	0	266,749	7,295	NEW MEXICO
17,901	3,368	176,561	87,389	NEW YORK
21,949	UA/NA	83,466	47,465	NORTH CAROLINA
9,000	UA/NA	46,864	29,608	NORTHWESTERN
4,441	UA/NA	58,182	30,689	OHIO STATE
13,256	57,787	69,408	38,561	OKLAHOMA

ELECTRONIC RESOURCES EXPENDITURES

		One-time Electronic Resource Purchases	Ongoing Electronic Resource Purchases	Total Electronic Resource Purchases	Total Library Materials Expenditures	Electronic Resources as a % of Library Materials Budget
(Survey Question Number)		(21)	(22)	(21 + 22)	(15)	
INSTITUTION	Notes					
OKLAHOMA STATE	G+	UA/NA	63,669	63,669	320,672	20
PENNSYLVANIA	G	UA/NA	1,903,333	1,903,333	2,119,340	90
PENNSYLVANIA STATE	G+	157,168	1,026,497	1,183,665	1,448,772	82
PITTSBURGH	bG+	0	3,703,591	3,703,591	4,258,214	87
QUEENS	G	UA/NA	1,230,571	1,230,571	1,553,964	79
ROCHESTER	bG+	18,000	1,544,582	1,562,582	1,801,525	87
SASKATCHEWAN	+	UA/NA	UA/NA	.	2,497,207	.
SOUTH CAROLINA		6,000	591,105	597,105	615,016	97
SOUTHERN CALIFORNIA	G+	0	1,579,139	1,579,139	2,633,222	60
SOUTHERN ILLINOIS		0	39,198	39,198	872,117	4
SUNY-BUFFALO	G+	3,660	622,378	626,038	965,258	65
SUNY-STONY BROOK	b +	0	1,181,056	1,181,056	1,292,951	91
TEMPLE	G	58,842	1,529,342	1,588,184	2,154,270	74
TENNESSEE	+	3,642	1,151,120	1,154,762	1,895,765	61
TEXAS TECH	+	3,977	478,707	482,684	2,171,969	22
TULANE	+	33,774	957,038	990,812	1,066,087	93
UTAH	bG	29,612	391,057	420,669	1,272,506	33
VANDERBILT	G+	199,929	2,486,696	2,686,625	2,728,718	98
VIRGINIA	+	0	686,844	686,844	1,957,616	35
WASHINGTON	G	5,655	1,523,490	1,529,145	2,555,432	60
WASHINGTON U.-ST. LOUIS	G+	0	1,935,308	1,935,308	3,001,562	64
WISCONSIN	G	0	1,394,967	1,394,967	1,504,677	93
YALE	G	200,065	1,769,688	1,969,753	2,588,344	76

SUMMARY DATA

High	1,436,676	4,393,716	4,393,716	5,259,085	98
Mean	112,965	1,151,824	1,199,885	1,782,948	67
Median	37,196	1,042,588	1,075,071	1,703,541	70
Low	1,140	39,198	39,198	106,181	4
Sum	4,179,690	71,413,063	75,592,753	115,891,645	
Number of Libraries	37	62	63	65	63

+ – See footnotes

UA/NA – Unavailable or Not Applicable

G – Government documents not included in serials count

b – Basis of volume count is bibliographic

ELECTRONIC RESOURCES EXPENDITURES

Bibl. Utilities, Networks, etc. Library Expenditures (23a)	Bibl. Utilities, Networks, etc. External Expenditures (23b)	Computer Hardware and Software Expenditures (24)	Document Delivery/ Interlibrary Loan Expenditures (25) (Survey Question Number)	INSTITUTION
0	4,330	19,180	1,628	OKLAHOMA STATE
16,093	UA/NA	2,405	112,929	PENNSYLVANIA
0	0	3,551	8,408	PENNSYLVANIA STATE
0	0	139,101	5,079	PITTSBURGH
UA/NA	UA/NA	UA/NA	UA/NA	QUEENS
4,224	0	127,026	70,219	ROCHESTER
UA/NA	UA/NA	UA/NA	UA/NA	SASKATCHEWAN
4,703	0	23,836	2,577	SOUTH CAROLINA
7,079	0	99,467	11,968	SOUTHERN CALIFORNIA
5,800	0	15,025	1,988	SOUTHERN ILLINOIS
UA/NA	UA/NA	UA/NA	UA/NA	SUNY-BUFFALO
16,539	323,613	321,665	9,898	SUNY-STONY BROOK
0	0	98,259	4,405	TEMPLE
26,120	1,841	26,930	17,687	TENNESSEE
48,235	0	26,907	12,288	TEXAS TECH
9,782	0	0	0	TULANE
20,936	UA/NA	74,350	3,190	UTAH
364	UA/NA	136,689	42,262	VANDERBILT
2,046	0	123,547	30,360	VIRGINIA
UA/NA	UA/NA	62,593	UA/NA	WASHINGTON
0	1,491	78,976	8,162	WASHINGTON U.-ST. LOUIS
UA/NA	UA/NA	7,857	94,951	WISCONSIN
91,000	UA/NA	25,200	13,126	YALE

SUMMARY DATA

91,000	323,613	534,670	195,654	High
15,559	95,239	86,210	26,724	Mean
11,542	31,059	60,964	12,128	Median
364	1,491	333	66	Low
637,930	761,908	4,569,146	1,443,093	Sum
41	8	53	54	Number of Libraries

PERSONNEL AND PUBLIC SERVICES

		Professional Staff (FTE)	Support Staff (FTE)	Student Assistants (FTE)	Total Staff (FTE)	Staffed Service Points	Library Service Hours
(Survey Question Number)		(26a)	(26b)	(26c)	(26)	(27)	(28)
INSTITUTION	Notes						
ALABAMA	bG+	3	3	0	6	2	70
ARIZONA	bG+	17	28	10	55	4	168
BOSTON	+	12	8	5	25	3	107
CALIFORNIA, DAVIS	G+	8	14	18	40	3	84
CALIFORNIA, IRVINE	G+	9	15	6	30	6	128
CALIFORNIA, LOS ANGELES	G+	17	14	16	47	1	UA/NA
CALIFORNIA, SAN DIEGO	+	11	17	5	33	2	99
CASE WESTERN RESERVE	G+	8	10	8	26	2	UA/NA
CHICAGO	G+	5	18	5	28	2	82
CINCINNATI	G+	33	6	8	47	5	103
COLUMBIA	+	15	12	0	27	4	95
CONNECTICUT	G+	14	13	3	30	3	94
CORNELL	+	8	25	0	33	2	108
DARTMOUTH	G+	10	15	3	28	3	115
DUKE	b	24	17	0	41	3	86
EMORY		11	24	1	36	6	91
FLORIDA	G+	17	23	9	49	5	97
FLORIDA STATE	b +	4	2	1	7	1	UA/NA
GEORGE WASHINGTON	b +	14	17	6	37	2	113
GEORGETOWN	b +	11	7	4	22	3	60
HARVARD	G+	32	28	0	60	UA/NA	UA/NA
HAWAII	+	3	5	0	8	1	78
HOWARD	b +	10	10	4	24	3	115
ILLINOIS, CHICAGO	G+	23	37	8	68	5	101
INDIANA	G+	11	15	6	32	3	40
IOWA	b +	12	12	8	32	4	96
JOHNS HOPKINS		39	28	0	67	5	80
KANSAS	+	10	20	2	32	1	101
KENTUCKY	G	15	14	7	36	3	110
LOUISIANA STATE	+	1	5	0	6	1	88
LOUISVILLE	G	9	16	6	31	1	89
MCMASTER	G+	8	18	4	30	2	120
MIAMI	G+	21	17	0	38	6	103
MICHIGAN	bG+	14	18	13	45	3	97
MINNESOTA	bG+	14	30	16	60	7	UA/NA
MONTREAL	G+	10	25	0	35	9	81
NEW MEXICO		27	46	6	79	2	95
NEW YORK	bG+	23	26	10	59	9	93
NORTH CAROLINA	G+	31	30	8	69	1	109
NORTHWESTERN	G+	16	13	1	30	3	97
OHIO STATE	bG+	19	11	10	40	9	99
OKLAHOMA		11	22	8	41	2	109

PERSONNEL AND PUBLIC SERVICES

Library Presentations to Groups *	Participants in Group Presentations *	Reference Transactions *	Initial Circulation Transactions	Total Circulation Transactions	Total Items Loaned (ILL)	Total Items Borrowed (ILL)	(35) (Survey Question Number)	INSTITUTION
(29)	(30)	(31)	(32)	(33)	(34)			
17	199	1,514	531	696	333	131		ALABAMA
397	3,402	7,461	25,202	26,102	11,548	2,802		ARIZONA
150	2,662	16,158	2,088	2,699	4,865	5,899		BOSTON
47	1,035	12,737	20,096	36,039	9,411	4,070		CALIFORNIA, DAVIS
78	1,740	8,469	19,216	43,434	3,284	3,479		CALIFORNIA, IRVINE
129	2,804	9,551	29,192	220,618	UA/NA	UA/NA		CALIFORNIA, LOS ANGELES
404	3,449	16,707	29,890	32,396	6,510	5,895		CALIFORNIA, SAN DIEGO
36	1,023	UA/NA	4,821	10,063	18,598	5,025		CASE WESTERN RESERVE
36	373	3,153	21,824	23,064	5,048	1,900		CHICAGO
301	2,608	13,062	6,619	9,340	10,354	4,568		CINCINNATI
128	4,870	19,601	21,797	23,851	12,000	3,150		COLUMBIA
663	6,884	8,692	10,154	14,168	9,744	1,096		CONNECTICUT
134	917	6,441	15,556	21,324	3,380	4,665		CORNELL
235	2,742	UA/NA	14,155	19,449	3,822	9,694		DARTMOUTH
695	4,904	9,441	14,833	29,666	13,137	1,407		DUKE
211	2,775	31,283	6,970	7,742	15,909	6,735		EMORY
132	2,696	34,990	28,384	49,895	25,366	9,279		FLORIDA
40	1,016	1,064	755	1,440	98	423		FLORIDA STATE
177	8,538	13,729	9,374	19,993	2,056	496		GEORGE WASHINGTON
395	3,841	15,705	7,040	10,601	1,235	996		GEORGETOWN
UA/NA	UA/NA	UA/NA	UA/NA	32,227	6,389	1,826		HARVARD
34	510	2,662	261	337	1,009	100		HAWAII
56	1,524	9,317	18,532	23,358	1,157	834		HOWARD
336	4,419	29,921	23,153	131,820	16,832	8,850		ILLINOIS, CHICAGO
301	5,974	16,150	45,116	145,116	20,440	6,981		INDIANA
172	5,189	10,417	15,609	15,609	26,026	10,131		IOWA
146	2,338	12,796	18,604	34,385	20,556	14,699		JOHNS HOPKINS
100	1,312	13,361	UA/NA	12,079	11,364	4,874		KANSAS
377	3,150	10,611	14,591	21,709	6,843	5,509		KENTUCKY
17	UA/NA	UA/NA	UA/NA	4,796	702	1,194		LOUISIANA STATE
476	4,628	9,731	39,132	79,017	6,370	11,089		LOUISVILLE
149	2,652	8,681	17,697	34,646	7,145	4,520		MCMASTER
396	2,261	14,592	7,308	10,213	16,618	1,602		MIAMI
224	3,872	23,989	60,846	60,846	19,754	5,963		MICHIGAN
335	8,192	23,701	27,750	40,859	51,941	5,493		MINNESOTA
360	3,022	10,714	24,171	46,354	8,410	2,199		MONTREAL
578	6,474	8,004	8,659	26,108	2,564	2,025		NEW MEXICO
217	2,924	26,022	13,540	18,433	10,784	8,332		NEW YORK
278	5,647	23,029	90,741	100,991	22,726	2,096		NORTH CAROLINA
252	3,602	7,870	12,132	13,756	19,082	7,421		NORTHWESTERN
226	4,601	23,577	12,178	40,557	19,765	5,036		OHIO STATE
50	1,195	14,225	16,234	18,535	7,754	4,104		OKLAHOMA

PERSONNEL AND PUBLIC SERVICES

		Professional Staff (FTE)	Support Staff (FTE)	Student Assistants (FTE)	Total Staff (FTE)	Staffed Service Points	Library Service Hours
(Survey Question Number)		(26a)	(26b)	(26c)	(26)	(27)	(28)
INSTITUTION	Notes						
OKLAHOMA STATE	G+	3	7	3	13	2	109
PENNSYLVANIA	G	10	13	7	30	2	100
PENNSYLVANIA STATE	G+	4	12	2	18	3	106
PITTSBURGH	bG+	28	38	6	72	9	110
QUEENS	G	8	10	2	20	2	97
ROCHESTER	bG+	18	8	3	29	4	101
SASKATCHEWAN	+	5	6	2	13	2	89
SOUTH CAROLINA		9	7	2	18	2	88
SOUTHERN CALIFORNIA	G+	15	23	10	48	5	102
SOUTHERN ILLINOIS		7	15	1	23	3	90
SUNY-BUFFALO	G+	16	10	8	34	3	104
SUNY-STONY BROOK	b +	23	8	9	40	3	100
TEMPLE	G	12	12	4	28	5	119
TENNESSEE	+	12	19	2	33	4	136
TEXAS TECH	+	21	24	17	62	13	105
TULANE	+	6	8	5	19	2	90
UTAH	bG	14	25	14	53	5	127
VANDERBILT	G+	25	18	1	44	2	113
VIRGINIA	+	16	25	1	42	5	UA/NA
WASHINGTON	G	25	25	9	59	5	80
WASHINGTON U.-ST. LOUIS	G+	23	20	3	46	4	102
WISCONSIN	G	18	16	9	43	1	97
YALE	G	20	17	2	39	2	107

SUMMARY DATA

High	39	46	18	79	13	168
Mean	15	17	6	37	4	100
Median	14	16	6	34	3	100
Low	1	2	1	6	1	40
Sum	948	1,100	347	2,395	230	5,873
Number of Libraries	65	65	55	65	64	59

+ – See footnotes

UA/NA – Unavailable or Not Applicable

G – Government documents not included in serials count

b – Basis of volume count is bibliographic

PERSONNEL AND PUBLIC SERVICES

Library Presentations to Groups *	Participants in Group Presentations *	Reference Transactions *	Initial Circulation Transactions	Total Circulation Transactions	Total Items Loaned (ILL)	Total Items Borrowed (ILL)	(35) (Survey Question Number)
(29)	(30)	(31)	(32)	(33)	(34)	(35)	(Survey Question Number)
INSTITUTION							
53	622	2,602	8,111	8,111	1,891	604	OKLAHOMA STATE
168	3,366	UA/NA	7,731	18,380	5,132	14,970	PENNSYLVANIA
38	832	9,844	18,571	19,578	3,057	1,033	PENNSYLVANIA STATE
744	8,216	58,553	30,297	35,077	37,241	4,344	PITTSBURGH
294	3,116	7,215	9,352	10,295	5,668	3,246	QUEENS
UA/NA	UA/NA	6,343	5,080	7,022	5,595	5,794	ROCHESTER
237	2,572	4,068	22,637	31,132	4,863	5,769	SASKATCHEWAN
90	1,146	793	1,973	3,779	2,015	1,732	SOUTH CAROLINA
132	2,295	6,957	26,410	34,407	12,543	1,913	SOUTHERN CALIFORNIA
117	508	4,007	34,858	41,009	8,436	2,245	SOUTHERN ILLINOIS
97	2,347	<i>12,260</i>	16,882	33,203	12,345	5,422	SUNY-BUFFALO
297	2,559	14,879	4,881	7,041	9,132	1,594	SUNY-STONY BROOK
56	882	1,920	4,144	5,851	1,467	1,114	TEMPLE
279	4,100	<i>17,113</i>	3,329	4,181	6,207	3,665	TENNESSEE
512	3,826	21,236	34,139	91,013	5,440	3,741	TEXAS TECH
27	363	<i>2,273</i>	5,349	7,592	3,498	1,693	TULANE
376	3,676	58,062	12,798	15,288	15,032	6,196	UTAH
267	6,969	4,315	14,695	15,712	9,712	4,137	VANDERBILT
626	3,902	<i>12,385</i>	10,723	13,872	7,629	2,415	VIRGINIA
276	3,121	<i>19,093</i>	24,862	52,226	19,984	3,723	WASHINGTON
138	<i>1,912</i>	<i>17,425</i>	UA/NA	80,769	13,940	1,525	WASHINGTON U.-ST. LOUIS
457	5,064	UA/NA	11,562	19,708	9,227	19,072	WISCONSIN
808	4,538	<i>13,599</i>	UA/NA	23,596	10,648	6,426	YALE

SUMMARY DATA

808	8,538	58,553	90,741	220,618	51,941	19,072	High
247	3,192	13,967	17,719	32,203	10,494	4,515	Mean
217	2,864	12,260	14,764	21,324	8,423	3,906	Median
17	199	793	261	337	98	100	Low
15,574	197,896	824,070	1,063,135	2,093,173	671,631	288,961	Sum
63	62	59	60	65	64	64	Number of Libraries

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

RANK ORDER TABLE 1: VOLUMES IN LIBRARY

INSTITUTION	HS LIBRARY VOLUMES	TOTAL VOLUMES	HSL % OF TOTAL	INSTITUTION	HS LIBRARY VOLUMES	TOTAL VOLUMES	HSL % OF TOTAL
1 CHICAGO	822,387	7,926,905	10.37	34 KENTUCKY	238,866	3,537,710	6.75
2 ILLINOIS, CHICAGO	728,287	2,363,705	30.81	35 CALIFORNIA, SAN DIEGO	234,943	3,360,442	6.99
3 HARVARD	671,971	15,965,675	4.21	36 MIAMI	233,833	3,227,943	7.24
4 CALIFORNIA, LOS ANGELES	659,585	8,272,112	7.97	37 ARIZONA	223,653	5,632,559	3.97
5 MICHIGAN	567,227	8,414,070	6.74	38 TENNESSEE	218,971	3,251,893	6.73
6 COLUMBIA	559,607	10,004,848	5.59	39 NEW YORK	218,504	4,946,277	4.42
7 MINNESOTA	557,086	6,867,777	8.11	40 SOUTHERN CALIFORNIA	217,463	4,039,228	5.38
8 YALE	459,433	12,283,594	3.74	41 CONNECTICUT	206,604	3,637,190	5.68
9 CASE WESTERN RESERVE	418,261	2,518,324	16.61	42 VANDERBILT	203,668	3,311,665	6.15
10 JOHNS HOPKINS	412,188	3,726,532	11.06	43 PENNSYLVANIA	202,881	5,994,465	3.38
11 WASHINGTON	378,467	7,304,234	5.18	44 UTAH	197,845	3,320,167	5.96
12 CALIFORNIA, DAVIS	371,573	3,599,983	10.32	45 CORNELL	189,353	7,999,177	2.37
13 SUNY-BUFFALO	357,934	3,655,089	9.79	46 SASKATCHEWAN	186,984	2,367,250	7.90
14 FLORIDA	351,480	4,229,717	8.31	46 KANSAS	174,150	4,210,639	4.14
15 NORTH CAROLINA	345,180	6,154,365	5.61	48 SOUTHERN ILLINOIS	173,107	3,073,665	5.63
16 PITTSBURGH	336,249	5,116,305	6.57	49 TULANE	157,819	3,106,645	5.08
17 MONTREAL	336,036	3,150,386	10.67	50 NEW MEXICO	154,242	2,707,830	5.70
18 CALIFORNIA, IRVINE	333,470	2,778,921	12.00	51 QUEENS	147,723	2,517,328	5.87
19 OKLAHOMA	316,679	5,047,646	6.27	52 BOSTON	144,028	2,463,324	5.85
20 WISCONSIN	316,030	7,916,419	3.99	53 TEMPLE	141,557	3,137,142	4.51
21 IOWA	313,284	4,765,690	6.57	54 HOWARD	133,916	2,467,638	5.43
22 TEXAS TECH	305,436	2,578,185	11.85	55 VIRGINIA	130,795	5,465,077	2.39
23 CINCINNATI	304,671	3,418,599	8.91	56 GEORGE WASHINGTON	129,526	2,219,849	5.83
24 WASHINGTON U.-ST. LOUIS	299,406	4,162,980	7.19	57 SOUTH CAROLINA	116,731	3,579,504	3.26
25 DUKE	296,491	5,872,136	5.05	58 PENNSYLVANIA STATE	106,535	5,220,080	2.04
26 OHIO STATE	289,939	6,244,095	4.64	59 GEORGETOWN	99,499	2,955,278	3.37
27 NORTHWESTERN	283,659	4,768,588	5.95	60 OKLAHOMA STATE	58,875	2,789,236	2.11
28 INDIANA	277,471	7,553,823	3.67	61 LOUISIANA STATE	48,584	3,548,726	1.37
29 ROCHESTER	266,367	3,672,976	7.25	62 HAWAII	30,164	3,486,937	0.87
30 SUNY-STONY BROOK	264,586	2,240,758	11.81	63 ALABAMA	17,857	2,835,808	0.63
31 DARTMOUTH	258,976	2,732,831	9.48	64 FLORIDA STATE	8,569	3,442,420	0.25
32 LOUISVILLE	248,959	2,143,282	11.62	65 MCMASTER	UA/NA	2,019,006	0.00
33 EMORY	239,416	3,298,971	7.26				

RANK ORDER TABLE 2: VOLUMES ADDED (GROSS)

INSTITUTION	HS LIBRARY VOLUMES	TOTAL VOLUMES	HSL % OF TOTAL	INSTITUTION	HS LIBRARY VOLUMES	TOTAL VOLUMES	HSL % OF TOTAL
1 CHICAGO	26,984	191,311	14.10	34 SASKATCHEWAN	3,355	63,731	5.26
2 ILLINOIS, CHICAGO	19,622	48,051	40.84	35 CINCINNATI	3,246	94,815	3.42
3 IOWA	16,879	184,240	9.16	36 TEXAS TECH	3,161	58,178	5.43
4 CALIFORNIA, LOS ANGELES	8,746	131,198	6.67	37 UTAH	2,876	69,759	4.12
5 CALIFORNIA, IRVINE	7,835	65,290	12.00	38 CONNECTICUT	2,796	41,666	6.71
6 MINNESOTA	7,741	137,273	5.64	39 BOSTON	2,649	47,105	5.62
7 PENNSYLVANIA STATE	7,309	185,622	3.94	40 SOUTHERN ILLINOIS	2,636	29,439	8.95
8 CALIFORNIA, DAVIS	7,292	81,543	8.94	41 DARTMOUTH	2,596	50,168	5.17
9 MICHIGAN	6,869	157,552	4.36	42 SUNY-BUFFALO	2,558	54,272	4.71
10 NORTH CAROLINA	6,320	138,562	4.56	43 KANSAS	2,457	62,438	3.94
11 OKLAHOMA	5,902	131,123	4.50	44 VIRGINIA	2,411	88,756	2.72
12 WASHINGTON	5,656	221,816	2.55	45 PENNSYLVANIA	1,987	107,078	1.86
13 HARVARD	5,548	347,049	1.60	46 JOHNS HOPKINS	1,978	59,052	3.35
14 SOUTHERN CALIFORNIA	5,507	73,605	7.48	46 KENTUCKY	1,978	85,561	2.31
15 PITTSBURGH	5,464	217,345	2.51	48 QUEENS	1,977	48,389	4.09
16 CORNELL	4,619	128,113	3.61	49 ARIZONA	1,777	82,344	2.16
17 MIAMI	4,376	70,498	6.21	50 OKLAHOMA STATE	1,677	79,930	2.10
18 CALIFORNIA, SAN DIEGO	4,356	130,258	3.34	51 WISCONSIN	1,618	116,200	1.39
19 YALE	4,281	254,999	1.68	52 TULANE	1,372	44,108	3.11
20 MONTREAL	4,183	74,411	5.62	53 VANDERBILT	1,354	58,102	2.33
21 ROCHESTER	4,111	34,715	11.84	54 GEORGE WASHINGTON	1,321	46,166	2.86
22 WASHINGTON U.-ST. LOUIS	4,048	58,602	6.91	55 SOUTH CAROLINA	1,302	54,301	2.40
23 OHIO STATE	4,011	115,400	3.48	56 SUNY-STONY BROOK	1,292	27,297	4.73
24 CASE WESTERN RESERVE	3,965	27,987	14.17	57 FLORIDA	1,221	59,624	2.05
25 INDIANA	3,775	196,277	1.92	58 NEW MEXICO	826	62,075	1.33
26 EMORY	3,759	94,667	3.97	59 COLUMBIA	803	229,439	0.35
27 DUKE	3,750	98,905	3.79	60 HOWARD	633	33,864	1.87
28 LOUISVILLE	3,747	63,740	5.88	61 GEORGETOWN	538	91,987	0.58
29 NORTHWESTERN	3,668	92,004	3.99	62 LOUISIANA STATE	421	54,400	0.77
30 NEW YORK	3,473	100,043	3.47	63 ALABAMA	382	46,035	0.83
31 HAWAII	3,446	56,308	6.12	64 FLORIDA STATE	111	62,369	0.18
32 TEMPLE	3,408	66,014	5.16	65 MCMASTER	UA/NA	18,107	UA/NA
33 TENNESSEE	3,396	78,738	4.31				

RANK ORDER TABLE 3: CURRENT SERIALS (TOTAL)

INSTITUTION	HS LIBRARY VOLUMES	TOTAL VOLUMES	HSL % OF TOTAL	INSTITUTION	HS LIBRARY VOLUMES	TOTAL VOLUMES	HSL % OF TOTAL
1 SOUTH CAROLINA	24,207	51,540	46.97	34 GEORGETOWN	3,103	53,697	5.78
2 TEXAS TECH	16,507	70,114	23.54	35 BOSTON	2,890	45,264	6.38
3 CHICAGO	11,898	57,236	20.79	36 LOUISIANA STATE	2,602	86,026	3.02
4 CONNECTICUT	10,637	51,007	20.85	37 SOUTHERN CALIFORNIA	2,526	89,971	2.81
5 ARIZONA	10,147	75,181	13.50	38 GEORGE WASHINGTON	2,404	65,604	3.66
6 MIAMI	9,074	62,621	14.49	39 MICHIGAN	2,375	71,788	3.31
7 NORTHWESTERN	8,179	64,888	12.60	40 SUNY-BUFFALO	2,253	71,234	3.16
8 PENNSYLVANIA STATE	7,570	68,876	10.99	41 EMORY	2,221	54,218	4.10
9 YALE	7,485	89,649	8.35	42 NEW MEXICO	2,198	40,374	5.44
10 TEMPLE	6,310	51,198	12.32	43 HARVARD	2,174	110,463	1.97
11 DARTMOUTH	6,305	51,936	12.14	44 LOUISVILLE	1,570	39,268	4.00
12 CORNELL	6,119	92,000	6.65	45 HOWARD	1,555	16,627	9.35
13 IOWA	5,839	59,380	9.83	46 DUKE	1,200	47,122	2.55
14 CALIFORNIA, IRVINE	5,720	47,668	12.00	47 SOUTHERN ILLINOIS	1,196	39,221	3.05
15 INDIANA	5,288	57,534	9.19	48 CALIFORNIA, DAVIS	1,081	42,592	2.54
16 ILLINOIS, CHICAGO	5,237	35,006	14.96	49 HAWAII	1,045	58,111	1.80
17 KANSAS	5,226	48,212	10.84	50 TENNESSEE	933	44,337	2.10
18 SASKATCHEWAN	5,141	34,920	14.72	51 FLORIDA STATE	742	51,733	1.43
19 MONTREAL	4,862	54,265	8.96	52 CASE WESTERN RESERVE	690	54,252	1.27
20 JOHNS HOPKINS	4,770	91,851	5.19	53 FLORIDA	349	73,747	0.47
21 CALIFORNIA, SAN DIEGO	4,627	37,385	12.38	54 OHIO STATE	321	68,550	0.47
22 PITTSBURGH	4,537	48,637	9.33	55 PENNSYLVANIA	260	84,182	0.31
23 WISCONSIN	4,466	54,164	8.25	56 ALABAMA	252	44,079	0.57
24 MCMASTER	4,460	41,216	10.82	57 NEW YORK	250	58,968	0.42
25 ROCHESTER	4,260	27,240	15.64	58 CINCINNATI	UA/NA	69,609	UA/NA
26 KENTUCKY	4,065	44,610	9.11	58 COLUMBIA	UA/NA	119,637	UA/NA
27 VANDERBILT	3,803	44,199	8.60	58 MINNESOTA	UA/NA	77,446	UA/NA
28 WASHINGTON U.-ST. LOUIS	3,763	49,970	7.53	58 OKLAHOMA	UA/NA	55,815	UA/NA
29 UTAH	3,546	45,830	7.74	58 OKLAHOMA STATE	UA/NA	56,261	UA/NA
30 SUNY-STONY BROOK	3,525	38,747	9.10	58 QUEENS	UA/NA	39,823	UA/NA
31 CALIFORNIA, LOS ANGELES	3,475	76,248	4.56	58 VIRGINIA	UA/NA	82,440	UA/NA
32 NORTH CAROLINA	3,285	56,647	5.80	58 WASHINGTON	UA/NA	61,272	UA/NA
33 TULANE	3,170	34,820	9.10	71 ARIZONA STATE	UA/NA	82,862	UA/NA

RANK ORDER TABLE 4: TOTAL LIBRARY EXPENDITURES

INSTITUTION	HS LIBRARY VOLUMES	TOTAL VOLUMES	HSL % OF TOTAL	INSTITUTION	HS LIBRARY VOLUMES	TOTAL VOLUMES	HSL % OF TOTAL
1 WASHINGTON U-ST. LOUIS	7,848,046	27,424,013	28.62	34 DUKE	3,554,675	35,769,252	9.94
2 PITTSBURGH	7,482,570	29,890,593	25.03	35 NORTHWESTERN	3,541,063	27,457,411	12.90
3 WASHINGTON	7,139,864	41,583,736	17.17	36 TEMPLE	3,413,034	21,280,634	16.04
4 NORTH CAROLINA	6,981,743	35,425,976	19.71	37 TENNESSEE	3,380,827	22,810,227	14.82
5 JOHNS HOPKINS	6,594,033	31,807,561	20.73	38 ROCHESTER	3,345,934	18,820,047	17.78
6 NEW MEXICO	6,519,532	22,653,088	28.78	39 IOWA	3,317,255	26,647,407	12.45
7 MINNESOTA	6,355,099	39,927,096	15.92	40 MICHIGAN	3,265,579	50,591,407	6.45
8 CHICAGO	6,264,604	31,966,296	19.60	41 OHIO STATE	3,259,560	32,480,575	10.04
9 NEW YORK	6,134,250	42,669,230	14.38	42 OKLAHOMA	3,156,433	20,844,144	15.14
10 HARVARD	5,703,901	110,849,458	5.15	43 SASKATCHEWAN	3,063,087	22,127,910	13.84
11 VANDERBILT	5,604,278	24,673,090	22.71	44 LOUISVILLE	3,046,363	16,560,259	18.40
12 CINCINNATI	5,579,852	22,045,924	25.31	45 CALIFORNIA, DAVIS	3,017,931	21,002,377	14.37
13 CALIFORNIA, LOS ANGELES	5,449,862	51,792,128	10.52	46 KENTUCKY	3,015,070	20,920,715	14.41
14 SOUTHERN CALIFORNIA	5,208,883	34,881,430	14.93	47 MCMASTER	2,690,015	15,213,067	17.68
15 YALE	5,208,129	77,403,912	6.73	48 KANSAS	2,646,216	21,156,733	12.51
16 UTAH	5,162,994	24,641,932	20.95	49 BOSTON	2,542,745	18,916,916	13.44
17 ARIZONA	4,660,626	30,769,327	15.15	50 GEORGETOWN	2,520,864	24,299,359	10.37
18 ILLINOIS, CHICAGO	4,601,787	19,257,215	23.90	51 CASE WESTERN RESERVE	2,512,061	13,382,448	18.77
19 FLORIDA	4,413,843	28,841,337	15.30	52 SUNY-BUFFALO	2,506,659	20,054,901	12.50
20 VIRGINIA	4,363,952	34,444,481	12.67	53 CALIFORNIA, IRVINE	2,451,143	20,426,194	12.00
21 TEXAS TECH	4,352,144	22,635,446	19.23	54 QUEENS	2,450,579	16,884,844	14.51
22 EMORY	4,241,520	33,741,980	12.57	55 DARTMOUTH	2,255,544	18,340,292	12.30
23 MIAMI	3,923,341	25,941,411	15.12	56 PENNSYLVANIA STATE	2,180,982	50,251,356	4.34
24 CORNELL	3,913,696	43,832,341	8.93	57 SOUTHERN ILLINOIS	1,861,815	14,564,091	12.78
25 INDIANA	3,827,193	33,641,171	11.38	58 HOWARD	1,678,971	9,916,198	16.93
26 CALIFORNIA, SAN DIEGO	3,826,716	28,240,980	13.55	59 TULANE	1,577,687	13,974,872	11.29
27 CONNECTICUT	3,723,830	25,071,952	14.85	60 SOUTH CAROLINA	1,412,289	20,943,404	6.74
28 PENNSYLVANIA	3,718,090	35,258,073	10.55	61 OKLAHOMA STATE	985,431	16,147,363	6.10
29 GEORGE WASHINGTON	3,673,222	23,153,326	15.86	62 FLORIDA STATE	869,155	15,197,764	5.72
30 COLUMBIA	3,660,707	60,071,960	6.09	63 HAWAII	746,309	18,534,243	4.03
31 MONTREAL	3,640,108	28,153,803	12.93	64 LOUISIANA STATE	609,173	14,526,765	4.19
32 WISCONSIN	3,637,191	41,536,552	8.76	65 ALABAMA	325,926	15,501,146	2.10
33 SUNY-STONY BROOK	3,572,039	13,702,275	26.07				

RANK ORDER TABLE 5: TOTAL STAFF

INSTITUTION	HS LIBRARY VOLUMES	TOTAL VOLUMES	HSL % OF TOTAL	INSTITUTION	HS LIBRARY VOLUMES	TOTAL VOLUMES	HSL % OF TOTAL
1 NEW MEXICO	79	266	29.70	34 CALIFORNIA, SAN DIEGO	33	357	9.24
2 PITTSBURGH	72	363	19.83	34 CORNELL	33	548	6.02
3 NORTH CAROLINA	69	446	15.47	34 TENNESSEE	33	273	12.09
4 ILLINOIS, CHICAGO	68	213	31.92	37 INDIANA	32	483	6.63
5 JOHNS HOPKINS	67	319	21.00	37 IOWA	32	283	11.31
6 TEXAS TECH	62	309	20.06	37 KANSAS	32	281	11.39
7 HARVARD	60	1,277	4.70	40 LOUISVILLE	31	190	16.32
8 MINNESOTA	60	402	14.93	41 CALIFORNIA, IRVINE	30	253	11.86
9 NEW YORK	59	443	13.32	41 CONNECTICUT	30	212	14.15
10 WASHINGTON	59	513	11.50	41 MCMASTER	30	160	18.75
11 ARIZONA	55	332	16.57	41 NORTHWESTERN	30	336	8.93
12 UTAH	53	358	14.80	41 PENNSYLVANIA	30	414	7.25
13 FLORIDA	49	426	11.50	46 ROCHESTER	29	216	13.43
14 SOUTHERN CALIFORNIA	48	386	12.44	47 CHICAGO	28	320	8.75
15 CALIFORNIA, LOS ANGELES	47	606	7.76	47 DARTMOUTH	28	206	13.59
16 CINCINNATI	47	205	22.93	47 TEMPLE	28	227	12.33
17 WASHINGTON U.-ST. LOUIS	46	269	17.10	50 COLUMBIA	27	716	3.77
18 MICHIGAN	45	585	7.69	51 CASE WESTERN RESERVE	26	137	18.98
19 VANDERBILT	44	248	17.74	52 BOSTON	25	289	8.65
20 WISCONSIN	43	643	6.69	53 HOWARD	24	166	14.46
21 VIRGINIA	42	371	11.32	54 SOUTHERN ILLINOIS	23	202	11.39
22 DUKE	41	371	11.05	55 GEORGETOWN	22	247	8.91
23 OKLAHOMA	41	233	17.60	56 QUEENS	20	165	12.12
24 CALIFORNIA, DAVIS	40	273	14.65	57 TULANE	19	150	12.67
25 OHIO STATE	40	423	9.46	58 PENNSYLVANIA STATE	18	622	2.89
26 SUNY-STONY BROOK	40	155	25.81	58 SOUTH CAROLINA	18	278	6.47
27 YALE	39	705	5.53	60 OKLAHOMA STATE	13	213	6.10
28 MIAMI	38	259	14.67	60 SASKATCHEWAN	13	177	7.34
29 GEORGE WASHINGTON	37	279	13.26	62 HAWAII	8	255	3.14
30 EMORY	36	307	11.73	63 FLORIDA STATE	7	289	2.42
31 KENTUCKY	36	277	13.00	64 ALABAMA	6	207	2.90
32 MONTREAL	35	391	8.95	64 LOUISIANA STATE	6	192	3.13
33 SUNY-BUFFALO	34	257	13.23				

RANK ORDER TABLE 6: TOTAL ELECTRONIC RESOURCES

INSTITUTION	HS LIBRARY VOLUMES	TOTAL VOLUMES	HSL % OF TOTAL	INSTITUTION	HS LIBRARY VOLUMES	TOTAL VOLUMES	HSL % OF TOTAL
1 CHICAGO	4,393,716	5,412,597	81.18	34 CINCINNATI	1,058,679	5,178,257	20.44
2 PITTSBURGH	3,703,591	8,829,087	41.95	35 ARIZONA	1,046,699	6,592,104	15.88
3 VANDERBILT	2,686,625	6,954,968	38.63	36 KENTUCKY	1,019,467	3,779,661	26.97
4 JOHNS HOPKINS	2,446,789	7,387,579	33.12	37 EMORY	1,014,717	3,995,020	25.40
5 MINNESOTA	2,336,779	6,445,354	36.26	38 CORNELL	1,002,910	6,080,535	16.49
6 COLUMBIA	2,032,560	9,724,550	20.90	39 OHIO STATE	994,913	5,111,173	19.47
7 YALE	1,969,753	6,991,200	28.17	40 TULANE	990,812	3,144,786	31.51
8 WASHINGTON U.-ST. LOUIS	1,935,308	5,019,863	38.55	41 CASE WESTERN RESERVE	988,810	3,209,445	30.81
9 PENNSYLVANIA	1,903,333	5,558,118	34.24	42 NEW MEXICO	927,188	3,928,276	23.60
10 NORTH CAROLINA	1,798,327	3,624,155	49.62	43 ILLINOIS, CHICAGO	907,444	3,341,687	27.16
11 NORTHWESTERN	1,693,045	6,424,824	26.35	44 CALIFORNIA, DAVIS	854,358	3,822,482	22.35
12 INDIANA	1,624,391	5,780,889	28.10	45 DARTMOUTH	770,256	4,818,286	15.99
13 NEW YORK	1,608,501	7,903,569	20.35	46 VIRGINIA	686,844	4,476,702	15.34
14 TEMPLE	1,588,184	6,542,673	24.27	47 SUNY-BUFFALO	626,038	5,113,830	12.24
15 SOUTHERN CALIFORNIA	1,579,139	6,739,328	23.43	48 SOUTH CAROLINA	597,105	4,078,816	14.64
16 ROCHESTER	1,562,582	3,079,015	50.75	49 HOWARD	583,059	1,766,872	33.00
17 WASHINGTON	1,529,145	6,818,776	22.43	50 OKLAHOMA	572,309	3,836,788	14.92
18 HARVARD	1,436,676	6,681,995	21.50	51 CALIFORNIA, IRVINE	540,187	4,501,557	12.00
19 IOWA	1,429,195	5,590,482	25.56	52 FLORIDA STATE	484,711	4,627,530	10.47
20 FLORIDA	1,398,083	4,940,171	28.30	53 TEXAS TECH	482,684	3,131,537	15.41
21 WISCONSIN	1,394,967	5,094,585	27.38	54 BOSTON	482,497	2,271,508	21.24
22 CALIFORNIA, SAN DIEGO	1,378,802	4,546,068	30.33	55 MICHIGAN	467,326	5,854,769	7.98
23 MIAMI	1,325,676	7,323,132	18.10	56 UTAH	420,669	1,337,771	31.45
24 GEORGETOWN	1,301,833	3,979,582	32.71	57 LOUISIANA STATE	385,000	3,510,904	10.97
25 MCMASTER	1,287,872	5,218,594	24.68	58 HAWAII	368,994	3,926,834	9.40
26 CONNECTICUT	1,259,880	5,172,502	24.36	59 KANSAS	358,669	2,802,454	12.80
27 QUEENS	1,230,571	5,095,166	24.15	60 LOUISVILLE	172,513	2,678,145	6.44
28 PENNSYLVANIA STATE	1,183,665	9,448,072	12.53	61 OKLAHOMA STATE	63,669	UA/NA	UA/NA
29 SUNY-STONY BROOK	1,181,056	3,438,908	34.34	62 ALABAMA	43,809	3,487,313	1.26
30 TENNESSEE	1,154,762	5,173,801	22.32	63 SOUTHERN ILLINOIS	39,198	3,317,029	1.18
31 GEORGE WASHINGTON	1,142,836	3,660,783	31.22	64 CALIFORNIA, LOS ANGELES	UA/NA	4,352,521	UA/NA
32 DUKE	1,075,071	6,758,268	15.91	64 SASKATCHEWAN	UA/NA	6,369,649	UA/NA
33 MONTREAL	1,068,506	5,228,750	20.44				

ARL STATISTICS QUESTIONNAIRE, 2006–2007

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, 2007**. 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:

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

Include e-book units, as long as these e-books are owned or leased and have been cataloged by your library. Include electronic books purchased through vendors such as NetLibrary® or Books 24x7, and e-books that come as part of aggregate services. Include individual titles of e-book sets that are treated as individual reference sources. Include locally digitized electronic books and electronic theses and dissertations. Provide a footnote explaining how many e-books you are reporting, preferably by specifying the products and the number of titles in a note.

Include volumes purchased collectively where the cost is shared at the time of purchase.

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

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

Question 2. 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 2006-07, 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. Use the following definition for a serial:

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.

Report the total number of unique serial titles, NOT SUBSCRIPTIONS, that you currently acquire. Do not include duplicate counts of serial titles. To the extent possible, report 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 a bundle or an aggregated package should be counted by title, even if they are not cataloged, as long as they are made accessible by the library.

Question 4a. Serial titles currently purchased. In the case of consortial agreements, count under 'serial titles currently purchased' those titles for which the library pays any amount from its budgeted expenditures. Include all titles that are part of bundles or aggregated packages, even if your library makes a partial payment for access to those titles. If a purchased title includes electronic access to the title, count that title ONLY ONCE (DEDUPED) as electronic only. If a database includes full-text and abstracted titles, the number of full-text titles can be counted.

Question 4b. Serial titles: Not Purchased. If serial titles have been purchased through a consortium whose budget is centrally funded and independent from the library's budget, these serials should be reported under 'serial titles currently received but not purchased.'

Report other titles that your library receives and does not pay for directly under 'serial titles received but not purchased.'

Record those serial titles received without purchase for whatever reason. If within a purchased or aggregated package it cannot be determined that some titles are not purchased, report all titles as purchased.

If separate counts of nonpurchased and purchased serial titles are not available, report only the total number of serial titles currently purchased and 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 1.1323, the average monthly noon exchange rate published in the Bank of Canada *Review* for the period July 2006-June 2007.) **Please round figures to the nearest dollar.**

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

Question 15b. Serial titles. Report expenditures for serial titles 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., if those 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 2006-07 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 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. One-time electronic resource purchases. Report expenditures that are not current serials (i.e. are non-subscription, one-time, or monographic in nature) for software and machine-readable materials considered part of the collections. Examples include periodical backfiles, literature collections, one-time costs for JSTOR membership, etc. Expenditures reported here may be derived from any of the following categories: Monographs (Q15a), Other Library Materials (Q15c), Miscellaneous (Q15d), or Other Operating Expenditures (Q19).

Question 22. Ongoing electronic resource purchases. Report subscription expenditures (or those which are expected to be ongoing commitments) for serial publications whose primary format is electronic and for online searches of remote databases such as OCLC FirstSearch, DIALOG, Lexis-Nexis, etc. Examples include paid subscriptions for electronic journals and indexes/abstracts available via the Internet, CD-ROM serials, and annual access fees for resources purchased on a “one-time” basis, such as literature collections, JSTOR membership, etc. Not all items whose expenditures are counted here will be included in Serial titles currently received (Question 4) or Serials 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 FTE (full-time equivalent) staff in filled positions, or positions that are only temporarily vacant. ARL defines temporarily vacant positions as positions that were vacated during the fiscal year for which ARL data were submitted, for which there is a firm intent to refill, and for which there are expenditures for

salaries reported on line 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 26b. Support Staff. Report the total FTE (see instruction 26) of staff not included in 26a.

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. Include virtual reference transactions (e.g., e-mail, WWW form, chat). Duration should not be an element in determining whether a transaction is a reference transaction. Sampling based on a typical week may be used to extrapolate TO A FULL YEAR for Question 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 2006-07 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 2005-06 (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 2006 enrollment figures reported to the Department of Education on the Integrated Postsecondary Education Data System survey. Please check these figures against the enrollment figures reported to ARL last year to ensure consistency and accuracy. **Note:** In the past, the number of part-time students reported was FTE; the number now reported to IPEDS is a head count of part-time students. Canadian libraries should note that the category “graduate students” as reported here includes all post-baccalaureate students.

FOOTNOTES

Please consult the data entry Web interface (www.arlstatistics.org) for a copy of last year’s footnotes. These can be found under “Historical Data” by clicking a survey’s arrow icon under the “View Summary” column and then selecting the “Footnotes” tab. 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 **January 30, 2008.**

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

ARL STATISTICS 2006–2007

WORKSHEET

This worksheet is designed to help you plan your submission for the 2006-07 *ARL Statistics*. The figures on this worksheet should be similar to those in the "Summary" page of your web form, except in cases where data are unavailable. If an exact figure is unavailable, use "NA/UA". If the appropriate answer is zero or none, use "0."

Reporting Institution _____ Date Returned to ARL _____

Report Prepared by (name) _____

Title _____

E-mail address _____ Phone number _____

Contact person (if different) _____

Title _____

E-mail address _____ Phone number _____

PAGE ONE – VOLUMES

1. Volumes held June 30, 2007 (1a + 1b) (1) _____

1a. Volumes held June 30, 2006 (1a) _____

1b. Volumes added during the year (1b.i – 1b.ii) (1b) _____

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

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

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 serial titles currently received, including periodicals (4a + 4b)

(4) _____

4a. Number of serial titles currently purchased (4a) _____

4a.i Electronic (4a.i) _____

4a.ii Print (and other format) serials purchased (4a.ii) _____

4b. Number of serial titles currently received but not purchased (4b) _____

4b.i Electronic (4b.i) _____

4b.ii Print (and other format) serial received (4b.ii) _____

but not purchased

(Exchanges, gifts, deposits, etc. See instructions.)

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 + 15b + 15c + 15d) (15) _____
- 15a. Monographs (15a) _____
- 15b. Serial titles, including periodicals (15b) _____
- 15c. Other Library Materials (15c) _____
- 15d. Miscellaneous (15d) _____
- 16. Contract binding** (16) _____
- 17. Total Salaries and Wages** (17a + 17b + 17c) (17) _____
- 17a. Professional staff (17a) _____
- 17b. Support staff (17b) _____
- 17c. Student assistants (17c) _____
- 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. One-time electronic resource purchases** (21) _____
- 22. Ongoing electronic resource purchases (e.g., subscriptions, annual license fees)** (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 + 26b + 26c) (26) _____

26a. Professional staff, FTE (26a) _____

26b. Support staff, FTE (26b) _____

26c. Student assistants, FTE (26c) _____

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. Is the library presentations figure based on sampling? (29a) _____ Yes _____ No

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

30a. Is the total participants in group presentations figure based on sampling? (30a) _____ Yes _____ No

REFERENCE

31. Number of reference transactions (31) _____

31a. Is the reference transactions figure based on sampling? (31a) _____ Yes _____ No

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 FY2006-07 (36) _____

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

38. Number of full-time instructional faculty in FY2006-07 (38) _____

ENROLLMENT – FALL 2006

(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. Please use the footnotes in the *ARL Statistics 2005–2006* for comparison if necessary. Please consult the data entry Web interface (www.arlstatistics.org) for a copy of last year’s footnotes. These can be found under “Historical Data” by clicking a

survey's arrow icon under the "View Summary" column and then selecting the "Footnotes" tab. 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 **January 30, 2008**.

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

Footnotes to the ARL Academic Health Sciences Library Statistics 2006–2007

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. Unless otherwise noted, all figures are as of 06/30/2007.

QUESTION NUMBER	FOOTNOTE
ALABAMA	
	All figures are as of 09/30/2007.
15d	Includes memberships.
19	Includes bibliographic utilities and literature searching.
ARIZONA	
	Includes the Arizona Health Sciences Library - Phoenix.
4-4a.i	Includes titles AHSL purchases directly, titles purchased along with the main library through packages, and other titles identified as relevant to our users from a number of resources. An unknown percentage of these titles will duplicate what the main library reports.
4b-4b.ii	AAHSL does not track free vs. purchased titles.
8	Free databases were eliminated from catalog, resulting in a smaller number for 2006-2007.
21	Includes Elsevier and LWW backfiles.
23a	Amigos (OCLC) membership, Lockss participation.
23b	We do not have access to the full cost of products we share with the University of Arizona main campus library. AHSL contributed costs are reflected in (22).
27	Includes ref/info desk, loan desk, copy technology services counter, Phoenix ref/info desk.
36-42	Institutional-level data reported in ARL Statistics.
BOSTON	
	Includes the Alumni Medical Library.
CALIFORNIA, DAVIS	
	Includes the Carlson Health Sciences Library and the Blaisdell Medical Library.
2	Increase in volumes purchased is not statistically significant, given low total number.
6, 12	No-longer-useful units withdrawn.
13	Decrease in units is not statistically significant given low total number.
15a	Increase in expenditures attributable to inflation and increased curricular and research needs.
17b	Decrease in expenditures due to greater than expected staff turnover and reorganization.
17c	Increase in expenditures due to project work, minimum wage increase and to cover routine duties as a consequence of (17.b).
26	Larger than expected support staff turnover and reorganization.
26a	Normal turnover.
26b	Larger than expected staff turnover and reorganization.
26c	Increased project work and to cover routine duties as a consequence of (26.b).
33	Increase attributable to higher than expected use of print collections.
34	Reduced number attributable to greater availability of material in electronic form and lending load leveling among UC campuses.
35	Reduced number attributable to greater availability of material in electronic form.
36-42	Institutional-level data reported in ARL Statistics.
CALIFORNIA, IRVINE	
1a	Volumes held June 30, 2006 revised to 325,775.
36	Data unavailable as of January 30.
CALIFORNIA, LOS ANGELES	
4a.i	Unable to breakout just Health Sciences electronic resources.
CALIFORNIA, SAN DIEGO	
	Includes the Biomedical Library, and the Medical Center Library.
	Excluded: the Arts Libraries, the Center for Library & Computing Services, the International Relations & Pacific Studies Library, the Mandeville Special Collections Library, the Science & Engineering Library, the Scripps Institution of Oceanography Library and the Social Sciences and Humanities Library.
	E-books are all reported on the General Survey, including those that would be considered for the Health Sciences.

- | | |
|-------|--|
| 4 | Totals here represent only "unique" serial titles completely de-duped across both format and purchase type and also de-duped between the General and the Health Sciences Libraries (reported on separate ARL surveys, but only de-duped amounts are being reported for each). |
| 4a.ii | Includes monographic series if series title is received on standing order. |
| 15b | Includes monographic series received on standing order. |
| 15c | Includes backfiles and non-continuing serials. Expenditures: amounts for maps and audiovisual materials included in (15a) and (15b). |
| 23b | This figure is a prorated estimate: percentage of the total library expenditures ((15b) for both main and Health Sciences) multiplied by CDL support figure. |
| 24 | Opened an Infocommons in the Biomedical Library. |
| 29-30 | Both the Biomedical Library and the Medical Center Library hired an Instruction and Outreach Librarian which is reflected in the instruction figures. |
| 31 | This includes 730 virtual reference questions. |
| 32 | The Biomedical Library has returned to its own building (renovation) in the Health Sciences section of campus after a 3 year absence and students seem to find it much easier to go into and use the library without needing to renew and hold books for a much longer period of time. |

CASE WESTERN RESERVE

- | | |
|------|--|
| 4a.i | The medical library also has access to 37,913 e-journals that are reported in the main library's statistics. |
| 19 | Operating Expenditures reported in 2005-06 were incorrect. |

CHICAGO

John Crerar Library is a central science library with a biomedical collection for health sciences. Many numbers are percentages as a result. Data for the ARL survey 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

- | | |
|----------|---|
| 4-4a, 4b | The count of open access serials available from the DOAJ (Directory of Open Access Journals) in all categories of biology and medicine was added to our totals this year. |
| 8 | All multimedia are counted as a single category, with computer files, audio and video CD and DVD formats included here. |
| 17c | Additional student hours were added for a major shifting project. |
| 18 | Fringe benefits are included. |
| 19 | Due to an error in calculation, 2005-06 figure was too high - should have been about \$33,000. |
| 22 | Library continues to build electronic serials collection aggressively and to reduce print subscriptions. |
| 25 | New ILL reporting and accounting processes provide more accurate estimates for biomedical based transactions than in previous years. |
| 26a | Professional staffing temporarily reduced due to a retirement; position was not filled during the year. |
| 26c | The ratio of work study to non-work study students fluctuated resulting in lower FTEs but higher costs during 2006-07. |
| 32 | No explanation for higher circulation figures. |
| 34-35 | ILL statistics were estimated in previous years; new reporting systems provided more accurate figures for biomedical transactions. |

CINNCINATI

Excludes the Raymond Walters College, Clermont College libraries.

- | | |
|-------|--|
| 4 | It was too difficult to separate especially our e-journals from the other jurisdictions within the university. We are allowing our titles to be counted in the "main" count. |
| 15 | This lower number reflects a 6% cut to the collections budget and the fact that we pre-paid some items in 2005-06. |
| 19 | This includes significant expenses for history of medicine construction project. |
| 29-30 | Lower figure reflects fewer formal classes. |

COLUMBIA

- | | |
|----|--|
| 4 | Serials data included in Butler library data. |
| 11 | Wilcox Collection. |
| 28 | Number included in Butler count (95 for Health Sciences only, 107 total for Columbia). |

CONNECTICUT

- | | |
|----|--|
| 1a | Volumes held June 30, 2006 revised to 205,078. |
|----|--|

CORNELL

- | | |
|------|--|
| 1b.i | Includes e-books. |
| 2 | We are reporting 770 e-books. |
| 4b | 2005-06 we only reported "print" serials received but not purchased. |

QUESTION NUMBER	FOOTNOTE
17a	A number of staff were on medical leave.
31	2006-07 data reported incorrect numbers as Circulation desk staff had captured all directional questions in the new online reporting system. 2006-07 data reflect actual decrease as well as incomplete data collection as reported by desk staff. Some staff only captured encounters rather than individual questions, so approximately 11% of in-person questions were multiplied by the encounter rate.
DARTMOUTH	
	Includes Dana and Matthews-Fuller (both bio-Medical libraries).
1	Does not include e-books, have no way to attribute these to individual collections.
2	This is an approximation; payment lines are used as proxy for volumes for mono series/MPIs.
4a.i	Includes all digital titles selected by BioMedical libraries for online catalog resources listing; counted all as paid (other than a small number with order records), but no doubt more are really free. (Also subtracted from System less BioMedical, (4ai)).
23a	We continue to opt out of this question, feeling it is too poorly defined to provide a meaningful basis of comparison between libraries.
FLORIDA	
4a.i	This number is reported by the Main library.
18	Fringe benefits are included.
36-42	Reported by Main library.
FLORIDA STATE	
	Includes the College of Medicine Maguire Library.
GEORGE WASHINGTON	
1a	Calculation correction. Volumes held June 30, 2006 revised to 129,750.
1b	Medical Library weeding project.
2	979 Print volumes and 144 electronic (totaling 1,123).
4	Calculation correction.
11	Includes individual slides.
15a	Decrease in expenditures from endowment funds.
15b	Calculation method changed.
15d	PLoS and Biomed Central: \$3,994; Electronic database costs increased to: \$260,434.
35	Number of requests decreased.
39	The enrollment figures listed under the Himmelfarb Health Sciences Library are for the Medical School only. See enrollment data entered for Main Library for GW figures.
GEORGETOWN	
1	Decrease from number reported 2005-06 is due to an error in reporting volumes held in 2006-07.
1a	Volumes held June 30, 2006 revised to 98,961.
1b, 1b.i, 2	Decline in number is result of transition to all electronic library.
4b, 4b.i	Increase due to change in counting mechanism as well as adding several open access titles.
12-13	Result of culling of outdated materials.
15-15a	Increase reflects actual expenditures including DEPOSIT ACCOUNTS with various vendors, which were not reported previously. This is a more accurate figure so deposit account monies will be included from now on.
17c	Decline is result of decline in staffed hours after transition to 24/7 library open access.
21	Increase due to purchase of archival electronic backfiles.
22	Increase due to transition to all electronic library and calculation adjustment to refine category contents.
27	Number of service points was inaccurately reported in 2006-07, there have been 3 service points for some time.
29	Increase is due to more staff doing more presentations to smaller groups.
31	Increase due to more staff participating in reference transactions.
35	Decrease reflects increased access to electronic back file runs as well as a trend across the health sciences library world.
HARVARD	
1b.ii	Large de-accession project started in 2005-06 and continues, to a lesser degree in 2006-07.
7	Government documents now counted as part of the collection.
15b	Numbers are a result of serial backfiles acquisition in 2005-06 and accounting practices related to serials purchases in 2006-07 and 2007-08.
17a	Increases reflect additions to Center for Biomedical Informatics.

HAWAII

Excludes the Hamilton Library, School of Law Library, and the Sinclair Library.

1 Includes 4,189 e-books purchased via STAT!Ref, OvidBooks, MDConsult, ebrary, and PsycBOOKS.

25 Nearly all of the interlibrary loans for Health Sciences Library users are processed by the main campus library, Hamilton Library.

HOWARD

4b New inventory of electronic serials not purchased.

ILLINOIS, CHICAGO

Includes: Library of the Health Sciences (LHS) - Chicago, LHS - Peoria, LHS - Rockford, LHS - Urbana.

Excludes: Richard J. Daley Library, Science Library.

34-35 Figures unavailable for all institutions with which UIC has reciprocal borrowing privileges. I-Share statistics for health sciences branches not included.

INDIANA

1a Volumes held June 30, 2006 revised to 275,841.

IOWA

1, 2 Moved from physical to bibliographic counting.

1a Volumes held June 30, 2006 revised to 296,600.

4 Any shared titles between Law and Main or Health Sciences are being counted with Law.

12-13 Moved from physical to bibliographic counting.

17a Including programming staff that support the Libraries but not directly from Libraries' budget.

19 Including equipment costs that support the Libraries but not directly from Libraries' budget.

24 Including hard/software costs that support the Libraries but not directly from Libraries' budget.

26b Fewer graduate assistants due to grants ending; number of merit positions eliminated; includes 3 FTE programmers who support the Libraries but not directly from Libraries' budget.

26c Using fewer student employees.

33 Removed Main/Branch/Health Sciences intra-library circulation numbers.

35 Decrease due to new software, ILLiad, which counts transactions differently than Clio software.

KANSAS

1b.i Some systematic weeding of collections was performed in 2006-07, so withdrawal figure went up.

2 More resources were committed to monographic acquisitions in 2006-07.

4a, 4b Change between 2005-06 and 2006-07 reflects new methodology for reporting this information.

15b Supplementary funding from administration was received in 2006-07 which allowed greater expenditures on current serials.

17a Removed two positions in 2006-07 which, while considered professional staff, were not actually librarians.

17c Cut student hours to reflect a decrease in the need for their services in 2006-07.

26a Added one grant funded position in 2006-07.

32-33 Used a different data source in 2006-07 to obtain this information.

LOUISIANA STATE

17c, 26c Could not find any to hire this year.

26a One retirement this year.

MCMASTER

All figures are as of 04/30/2007.

15-25 Expenditures as reported in Canadian dollars: (15) \$1,511,670; (15a) \$178,909; (15b) \$1,279,348; (15c) \$0; (15d) \$53,413; (16) \$13,957; (17) \$1,361,511; (17a) \$566,021; (17b) \$749,797; (17c) \$45,693; (19) \$158,766; (20) \$3,045,904; (21) \$352,732; (22) \$1,105,525; (23a) \$25,000; (23b) \$0; (24) \$40,000; (25) \$56,000.

MIAMI

8 Medical library computer files are included in (13), audiovisual materials.

13 All audiovisual materials (10 - 13) and computer files (8) are reported in (13) for medical library.

17a Excludes medical library director's salary.

31a Medical library educational transactions are sampled and non-educational non-directional transactions are counted.

36-42 Institutional-level data reported in ARL Statistics.

MICHIGAN

Included are the Taubman Medical Library, the Dentistry Library and the Public Health Library and Informatics, all of the Ann Arbor campus.

MINNESOTA

- 1a Volumes held June 30, 2006 revised to 550,910. Adjusted for transfer of volumes to MLAC shared storage facility.
- 4a.i- 4b.ii Not possible to separate unique serial titles by branch library.
- 11 Breakdown by media not available for all libraries. Total A/V media holdings for Health Sciences Libraries is 2,832 consisting of approximately 53 graphic, 66 audio, 2,377 video.
- 25 Decrease in expenditure is due to participation in reciprocal ILL through EFTS consortium.
- 28-42 Not reported for branch libraries to avoid misleading sum in main ARL statistics.

MONTREAL

- 15-25 Expenditures as reported in Canadian dollars: (15) \$2,164,905; (15a) \$219,652; (15b) \$1,945,253; (15c) \$0; (15d) \$0; (16) \$14,789; (17) \$1,919,556; (17a) \$780,604; (17b) \$1,138,952; (17c) \$0; (19) \$22,444; (20) \$4,121,694; (21) UA/NA; (22) \$1,209,869; (23a) UA/NA; (23b) UA/NA; (24) UA/NA; (25) UA/NA.

NEW YORK

All figures are as of 08/31/2007.

The Medical and Dental Libraries are submitting a consolidated report of their statistics this year instead of separately as in past years.

- 1a Includes 8,729 e-books.
- 4 The total number of serials decreased dramatically as part of the de-duping process for the new counting methodology. All electronic serials will only be reported through the Division of Libraries. The actual number of serial titles available from the Medical and Dental Libraries is 20,831.
- 4a.i Electronic serials totals for NYU are only being counted in the main Division of Libraries total. The actual number of electronic serials purchased available at the Medical and Dental Libraries is 9,519.
- 4b.i Electronic serials totals for NYU are only being counted in the main Division of Libraries total. The actual number of free electronic serials at the Medical and Dental Libraries is 11,062.

NORTH CAROLINA

- 1a Volumes held June 30, 2006 revised to 339,154. Added 86 e-books not previously counted, plus 5,661 volumes to reflect more accurate counts obtained through new ILS.
- 26 Professional staff = 31.03; Support staff = 30.48; Student assistants = 8.49; Total = 70 FTE. Personnel includes 1.93 FTE for special projects and grants.
- 28 Service hours = 109.

NORTHWESTERN

All figures are as of 08/31/2007.

OHIO STATE

- 4a.i Library purchases or shares in the purchase of 3,543 electronic serials.
- 4b.i All Ohio State libraries have access to 3,285 cataloged free electronic serials.
- 23b Inseparable from total university libraries figure of \$1,142,832.

OKLAHOMA STATE

- 18 Fringe benefits are included.
- 39 There are 351 medical students using the professional classification in IPEDS. This number reported in lieu of the breakout asked for in (39-42).

PENNSYLVANIA STATE

Includes the Milton S. Hershey Medical Center library, and the College of Medicine Harrell Library (Hershey, PA).

PITTSBURGH

- 1a Volumes held June 30, 2006 revised to 337,597.

QUEEN'S

All figures are as of 04/30/2007.

Includes the Bracken Health Sciences Library.

(36-37) and (39-42) are as of November 2006, (38) as at October 2006. (4), (23) and (24) are statistics included in Main Library questionnaire (see ARL Statistics). The numbers cannot be broken out.

- 15-25 Expenditures as reported in Canadian dollars: (15) \$1,759,554; (15a) \$174,790; (15b) \$1,581,828; (15c) \$2,936; (15d) UA/NA; (16) \$7,567; (17) \$809,261; (17a) \$328,107; (17b) \$441,302; (17c) \$39,852; (19) \$198,409; (20) \$2,774,791; (21) UA/NA; (22) \$1,393,376; (23a) UA/NA; (23b) UA/NA; (24) UA/NA; (25) UA/NA.

ROCHESTER

- 4 This figure is the total of print-only journals (156) PLUS the e-journals included in the Health Sciences and Life Sciences categories in SFX.
- 8 Includes non-local computer files purchased by Miner.
- 17, 20 Due to a re-organizational initiative, medical-center-wide Web support no longer falls under the health sciences library's organizational structure; 4.5 FTE were transferred.
- 21 AMA Journal backfiles.

36-42	Included in Rush Rhees Library statistics.
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SASKATCHEWAN

All figures are as of 04/30/2007.

15-25	Expenditures as reported in Canadian dollars: (15) \$2,827,588; (15a) \$209,649; (15b) \$2,617,939; (15c) UA / NA; (15d) UA / NA; (16) \$10,813; (17) \$629,932; (17a) \$330,188; (17b) \$241,570; (17c) \$58,174; (19) UA / NA; (20) \$3,468,333; (21) UA / NA; (22) UA / NA; (23a) UA / NA; (23b) UA / NA; (24) UA / NA; (25) UA / NA.
15b	Increase in Provincial grants received.
15c	Included in (16).
20	Increase in Provincial grants received.
31	Decrease due to change in method of statistics collection in December 2006.

SOUTHERN CALIFORNIA

1a	Volumes held June 30, 2006 revised to 213,968. Owned /leased e-Books held, including from the following packages: AccessMedicine, Books@Ovid, Marcel Dekker, PsychiatryOnline, R2 Library, Stat!Ref, Thieme Electronic Book Library (TEBL), Wiley Current Protocols, Wiley Reference Works; plus 3 individual paid books.
2	Owned /leased e-Books added from the following packages: AccessMedicine, Books@Ovid, PsychiatryOnline, R2 Library, Stat!Ref, Thieme Electronic Book Library (TEBL), Wiley Current Protocols; plus 1 individual paid book. Count is from acquisitions, and is a bibliographic (title) count.
3	Our print volume count is physical, our electronic count is bibliographic.
15a	This includes some expenditures on electronic monographs that are purchased under subscription.
21	One-time electronic resource purchases. We do not distinguish between one-time and ongoing purchases. We distinguish between purchases of electronic serials, electronic books, educational software, and databases. We can provide an overall amount covering all electronic resource purchases.

SUNY-BUFFALO

1a	Volumes held June 30, 2006 revised to 355,683.
4a.i, 4b.i	Electronic serials are reported on the Main Library summary for the entire Library System.
24	Library totals are reported on the Main Library summary. See institutional-level data reported in ARL Statistics.
32-33	Numbers reported for circulation are more accurate than in past years due to implementation to a new online system.
36-42	This question is answered with institutional data on the main library page. See institutional-level data reported in ARL Statistics.

SUNY-STONY BROOK

1a	Volumes held June 30, 2006 revised to 272,590.
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TENNESSEE

Includes the Health Sciences libraries, which consists of the University of Tennessee Health Sciences, Memphis; the Preston Medical Library and the Knoxville part of College of Medicine in Memphis.

1a	Volumes held June 30, 2006 revised to 218,244.
4a	Medical Titles Purchased: Electronic 651 [of 3,987] (4a.i), Print 235 [of 359] (4a.ii), Total 886 [of 4,346] (4a).
22	Allocation of dollars from print to online occurred when Health Sciences converted to print and print and online titles to online only. Also improved reporting the online purchases through our serials vendor. In 2006-07 these were all reported as print expenditures regardless of format.
28	UT Health Sciences Library is open 136 hours per week but occurrence of hours is within that of Main.
36-41	Institutional-level data reported in ARL Statistics.

TEXAS TECH

All figures are as of 08/31/2007.

Includes Harrington Library TTUHSC / Amarillo Montes-Gallo Library of the Health Sciences TTUHSC / El Paso Library of the Health Sciences TTUHSC / Odessa Preston Smith HSC Library.

TULANE

1a	Volumes held June 30, 2006 revised to 157,409.
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VANDERBILT

17c	This library has substantially reduced student hours because electronic journal use has cut down on the need for shelving. In addition, this is the first year this library is reporting federal funds for work study students.
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VIRGINIA

Includes the Health Sciences library.

Excludes: Law, Darden Graduate Business, Alderman, Astronomy, Biology / Psychology, Chemistry, Clemons Undergraduate, Education, Fiske Kimball Fine Arts, Math, Music, Physics, Brown Science & Engineering and Small Special Collections libraries.

(4), (28), and (36-42) are reported for the University Library only but apply to all of the UVa libraries.

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- 1a Volumes held June 30, 2006 revised to 177,162. Includes 860 e-books not included in previous surveys. This is the number of e-books held as of 6/30/07.
- 1b.i This number represents print volumes only.
- 1b.ii Health Sciences conducted a massive weeding project during 2006-07.
- 2 Includes 111 e-book purchases.
- 4 Serials for all libraries are reported on the University Library (main) survey only.
- 15a Print monographic purchases only.
- 18 Fringe benefits are included.

WASHINGTON U.-ST. LOUIS

- 1 Includes electronic books that were added to total volumes held for 2006 but not included in volumes added.
- 1a Volumes held June 30, 2006 revised to 300,573. Includes 1,319 electronic books.
- 17 Information Technology Staff with salaries of almost \$4M were transferred from the library to a separate department. Since these are no longer in the library budget, there is a significant decrease in expenditures.
- 18 Fringe benefits are included.
- 26a Significant staff reduction because of transfer of Information Technology Department out of Medical Library. In previous years, this staff was under the Director of the Library but that is no longer the case.

Appendix: ARL Member Libraries as of June 1, 2008

Institution	Category	Full Name of Institution	Location
Alabama	S	University of Alabama	Tuscaloosa, Alabama
Alberta	C	University of Alberta	Edmonton, Alberta
Arizona	S	University of Arizona	Tucson, Arizona
Arizona State	S	Arizona State University	Tempe, Arizona
Auburn	S	Auburn University	Auburn, Alabama
Boston	P	Boston University	Boston, Massachusetts
Boston College	P	Boston College	Boston, Massachusetts
Brigham Young	P	Brigham Young University	Provo, Utah
British Columbia	C	University of British Columbia	Vancouver, British Columbia
Brown	P	Brown University	Providence, Rhode Island
Berkeley, California	S	University of California, Berkeley	California, Berkeley
California, Davis	S	University of California, Davis	Davis, California
California, Irvine	S	University of California, Irvine	Irvine, California
California, Los Angeles	S	University of California, Los Angeles	Los Angeles, California
California, Riverside	S	University of California, Riverside	Riverside, California
California, San Diego	S	University of California, San Diego	La Jolla, California
California, Santa Barbara	S	University of California, Santa Barbara	Santa Barbara, California
Case Western Reserve	P	Case Western Reserve University	Cleveland, Ohio
Chicago	P	University of Chicago	Chicago, Illinois
Cincinnati	S	University of Cincinnati	Cincinnati, Ohio
Colorado	S	University of Colorado	Boulder, Colorado
Colorado State	S	Colorado State University	Fort Collins, Colorado
Columbia	P	Columbia University	New York, New York
Connecticut	S	University of Connecticut	Storrs, Connecticut
Cornell	P	Cornell University	Ithaca, New York
Dartmouth	P	Dartmouth College	Hanover, New Hampshire
Delaware	S	University of Delaware	Newark, Delaware
Duke	P	Duke University	Durham, North Carolina
Emory	P	Emory University	Atlanta, Georgia
Florida	S	University of Florida	Gainesville, Florida
Florida State	S	Florida State University	Tallahassee, Florida
George Washington	P	George Washington University	Washington, DC
Georgetown	P	Georgetown University	Washington, DC
Georgia	S	University of Georgia	Athens, Georgia
Georgia Tech	S	Georgia Institute of Technology	Atlanta, Georgia
Guelph	C	University of Guelph	Guelph, Ontario
Harvard	P	Harvard University	Cambridge, Massachusetts
Hawaii	S	University of Hawaii	Honolulu, Hawaii
Houston	S	University of Houston	Houston, Texas
Howard	P	Howard University	Washington, DC
Illinois, Chicago	S	University of Illinois at Chicago	Chicago, Illinois
Illinois, Urbana	S	University of Illinois at Urbana	Urbana, Illinois
Indiana	S	Indiana University	Bloomington, Indiana
Iowa	S	University of Iowa	Iowa City, Iowa
Iowa State	S	Iowa State University	Ames, Iowa
Johns Hopkins	P	Johns Hopkins University	Baltimore, Maryland
Kansas	S	University of Kansas	Lawrence, Kansas
Kent State	S	Kent State University	Kent, Ohio
Kentucky	S	University of Kentucky	Lexington, Kentucky
Laval	C	Laval University	Quebec, Quebec
Louisiana State	S	Louisiana State University	Baton Rouge, Louisiana
Louisville	S	University of Louisville	Louisville, Kentucky
McGill	C	McGill University	Montreal, Quebec
McMaster	C	McMaster University	Hamilton, Ontario
Manitoba	C	University of Manitoba	Winnipeg, Manitoba
Maryland	S	University of Maryland	College Park, Maryland
Massachusetts	S	University of Massachusetts	Amherst, Massachusetts
MIT	P	Massachusetts Institute of Technology	Cambridge, Massachusetts
Miami	P	University of Miami	Coral Gables, Florida
Michigan	S	University of Michigan	Ann Arbor, Michigan
Michigan State	S	Michigan State University	East Lansing, Michigan
Minnesota	S	University of Minnesota	Minneapolis, Minnesota

Institution	Category	Full Name of Institution	Location
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 Univ. of New York	Albany, New York
SUNY-Buffalo	S	University at Buffalo, State Univ. 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
CISTI	X	Canada Inst. for Scientific & Technical Info.	Ottawa, Ontario
Ctr. for Research Libs.	N	Center for Research Libraries	Chicago, Illinois
Library of Congress	N	Library of Congress	Washington, DC
Natl. Agricultural Lib.	N	National Agricultural Library	Beltsville, Maryland
Library and Archives Canada	X	Library and Archives 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, DC

