

ARL ACADEMIC
HEALTH SCIENCES
LIBRARY STATISTICS
2007–2008



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ASSOCIATION OF RESEARCH LIBRARIES
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2009

ARL Academic Health Sciences Library Statistics 2007–2008

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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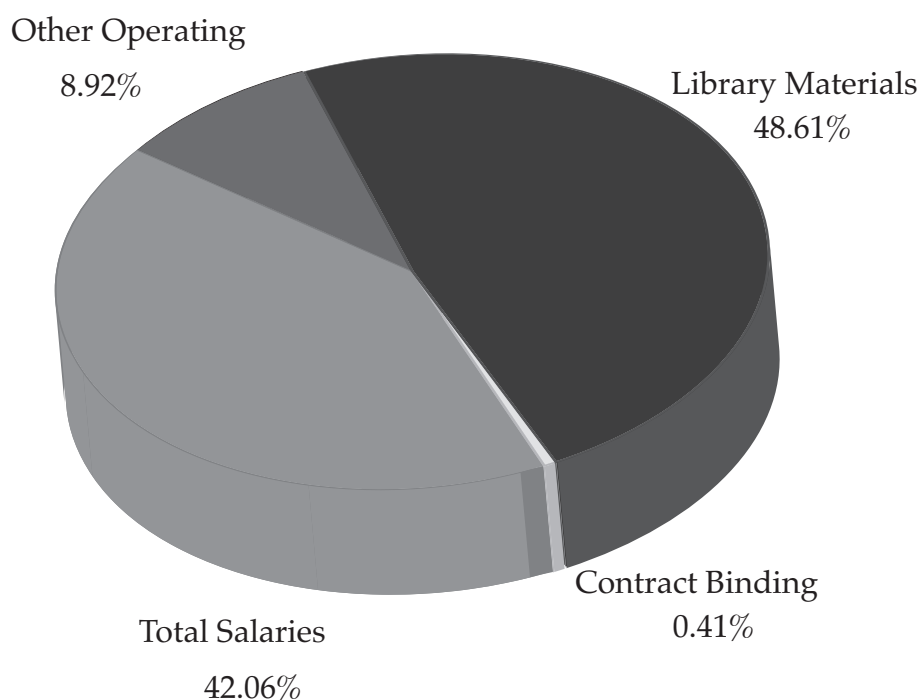
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HIGHLIGHTS

ARL ACADEMIC HEALTH SCIENCES LIBRARY STATISTICS 2007–2008

- Out of 113 ARL university libraries, 64 responded to this survey.¹
- Health Sciences libraries reported median values of 240,955 volumes held and 2,598 gross volumes added. The full-time equivalent of 2,304 staff were employed by these libraries during the year.
- Responding libraries reported total expenditures of \$240,019,298.² As seen in the graph below, library materials made up the largest portion of that total, with 48.61% of aggregated expenses falling under that category.
- Health sciences libraries reported a total of \$81,986,136 on electronic materials, or a median of 76% of their total materials budgets. This includes a total of \$76,921,558 on electronic serials.

EXPENDITURES IN ARL ACADEMIC HEALTH SCIENCES LIBRARIES 2007–2008



¹ 73 university libraries included data for a health sciences library for the 2007–2008 *ARL Statistics*. Among them, British Columbia, Brown, Johns Hopkins, Laval, Louisville, Manitoba, Missouri, Ohio, Toronto, and Wayne State included health sciences library data in the *ARL Statistics*, but did not respond to this survey. Cornell and Indiana did not include health library data in the *ARL Statistics*, but did respond to this survey.

² This figure includes Canadian universities, whose expenditures were converted to U.S. dollars at the rate of 1.0101 Can\$ = 1 US\$, the average monthly noon exchange rate published in the *Bank of Canada Review* for the period July 2007–June 2008.

DATA TABLES
2007–2008

COLLECTIONS PART 1

		Volumes In Library	Volumes Added (Gross)	Volumes Added (Net)	Monographs Purchased (Volumes)
(Survey Question Number)		(1)	(1b.i)	(1b)	(2)
INSTITUTION	Notes				
ALABAMA	bG+	21,075	291	284	255
ARIZONA	bG+	226,178	2,491	2,491	339
BOSTON		145,199	1,422	1,171	504
CALIFORNIA DAVIS	+	371,289	4,177	-284	2,009
CALIFORNIA IRVINE	bG+	365,965	32,906	32,494	4,307
CALIFORNIA LOS ANGELES	+	665,388	6,845	5,803	1,145
CALIFORNIA SAN DIEGO	bG+	238,391	4,165	3,448	2,098
CASE WESTERN RESERVE	G+	421,683	3,422	3,422	1,108
CHICAGO	G+	838,529	18,999	16,142	1,710
CINCINNATI	b +	302,840	2,562	-2,052	411
COLUMBIA	+	341,067	2,567	-218,540	1,624
CONNECTICUT	bG	197,175	2,553	-9,429	1,530
CORNELL	+	191,764	2,610	2,342	793
DARTMOUTH	G+	260,937	3,396	1,961	1,023
DUKE	b +	300,305	4,115	3,814	298
EMORY	+	240,328	3,175	912	1,097
FLORIDA	+	352,222	1,629	-244	575
FLORIDA STATE	b +	8,696	127	127	67
GEORGE WASHINGTON	b +	130,466	1,735	940	1,181
GEORGETOWN	b	99,972	473	473	433
HARVARD	G+	686,795	7,383	5,138	UA/NA
HAWAII	b +	32,315	2,373	2,151	4,896
HOWARD	b +	135,008	2,131	1,092	675
ILLINOIS CHICAGO	G+	733,249	18,718	4,962	3,762
INDIANA	bG+	274,737	2,264	-3,734	1,868
IOWA	b	322,663	9,938	9,379	1,220
KANSAS	+	176,058	2,094	1,908	503
KENTUCKY	G+	241,581	2,829	2,715	1,315
LOUISIANA STATE	+	48,774	207	190	148
MCGILL	b +	347,077	6,807	-747	4,875
MCMASTER	G+	144,915	1,311	-18,909	675
MIAMI	G+	217,681	2,586	-16,152	524
MICHIGAN	bG	556,496	7,130	-10,731	625
MINNESOTA	bG+	548,070	6,780	3,735	1,654
MONTREAL	G+	337,641	3,604	1,605	1,441
NEW MEXICO	+	153,466	1,051	-776	335
NEW YORK	b +	217,685	3,448	-9,548	956
NORTH CAROLINA	G+	339,029	9,324	9,010	6,389
NORTHWESTERN	G+	285,547	3,092	1,888	1,228

COLLECTIONS PART 1

		Volumes In Library	Volumes Added (Gross)	Volumes Added (Net)	Monographs Purchased (Volumes)
(Survey Question Number)		(1)	(1b.i)	(1b)	(2)
INSTITUTION	Notes				
OHIO STATE	bG+	283,993	5,823	-5,946	3,215
OKLAHOMA	G+	323,398	7,859	6,719	2,160
OKLAHOMA STATE	G+	54,456	784	566	654
PENNSYLVANIA	+	203,587	1,410	706	UA/NA
PENNSYLVANIA STATE	bG+	111,908	3,812	3,780	354
PITTSBURGH	b +	392,485	5,027	-124	4,649
QUEENS	b +	142,001	1,795	-5,722	1,351
ROCHESTER	bG+	269,108	3,528	2,741	960
SASKATCHEWAN	+	189,297	2,923	2,313	1,730
SOUTH CAROLINA		116,477	1,188	-254	189
SOUTHERN CALIFORNIA	G	221,444	5,190	3,981	2,661
SOUTHERN ILLINOIS		171,894	2,468	-1,213	1,079
SUNY-BUFFALO	G+	358,880	1,399	946	935
SUNY-STONY BROOK	b	265,650	1,064	1,064	1,044
TEMPLE	G+	143,569	2,305	2,012	2,017
TENNESSEE	bG+	220,004	1,474	163	338
TEXAS TECH	b +	309,925	4,971	4,489	1,917
TULANE		158,348	739	529	1,246
UTAH	bG+	199,243	2,208	1,398	1,321
VANDERBILT	G	204,201	564	533	620
VIRGINIA	+	125,351	2,978	-5,444	689
WASHINGTON		375,526	4,699	-2,941	337
WASHINGTON U.-ST. LOUIS	bG+	298,762	1,302	-644	1,182
WISCONSIN	bG+	317,232	2,422	1,202	629
YALE	G+	464,874	5,488	5,441	3,831

SUMMARY DATA

HIGH	838,529	32,906	32,494.00	6389
MEAN	272,498	4,159	-2,426	1,463
MEDIAN	240,955	2,598	1,005	1,103
LOW	8,696	127	-218,540	67
SUM	17,439,869	266,150	-155,254	90,704
NUMBER OF LIBRARIES REPORTING	64	64	64	62

+ – 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 2

		Current Serials Total	Current Serials Purchased	Current Serials Purchased Electronic	Current Serials Purchased Print
(Survey Question Number)		(4)	(4a)	(4a.i)	(4a.ii)
INSTITUTION	Notes				
ALABAMA	bG+	2,158	197	UA/NA	UA/NA
ARIZONA	bG+	21,626	21,626	21,226	400
BOSTON		7,043	6,552	6,377	175
CALIFORNIA DAVIS	+	1,343	1,078	0	1,078
CALIFORNIA IRVINE	bG+	6,194	4,093	3,626	467
CALIFORNIA LOS ANGELES	+	3,475	UA/NA	UA/NA	UA/NA
CALIFORNIA SAN DIEGO	bG+	6,481	4,388	4,088	300
CASE WESTERN RESERVE	G+	204	184	72	112
CHICAGO	G+	13,817	11,317	9,204	2,113
CINCINNATI	b +	UA/NA	UA/NA	UA/NA	UA/NA
COLUMBIA	+	UA/NA	UA/NA	UA/NA	UA/NA
CONNECTICUT	bG	7,754	2,081	1,475	606
CORNELL	+	6,400	UA/NA	UA/NA	UA/NA
DARTMOUTH	G+	7,036	5,640	5,238	402
DUKE	b +	1,056	1,053	922	131
EMORY	+	5,265	2,220	2,092	128
FLORIDA	+	349	339	0	339
FLORIDA STATE	b +	646	646	635	11
GEORGE WASHINGTON	b +	2,342	1,179	1,146	33
GEORGETOWN	b	4,119	3,111	3,085	26
HARVARD	G+	UA/NA	UA/NA	UA/NA	UA/NA
HAWAII	b +	1,257	1,257	1,115	142
HOWARD	b +	8,004	3,504	2,932	572
ILLINOIS CHICAGO	G+	6,233	6,233	4,967	1,266
INDIANA	bG+	5,209	1,373	1,266	107
IOWA	b	6,522	4,977	4,607	370
KANSAS	+	1,178	1,061	863	198
KENTUCKY	G+	233	223	0	223
LOUISIANA STATE	+	15,744	5,724	5,679	45
MCGILL	b +	1,357	947	0	947
MCMASTER	G+	4,726	4,197	3,899	298
MIAMI	G+	9,520	9,439	9,275	164
MICHIGAN	bG	1,917	1,917	UA/NA	UA/NA
MINNESOTA	bG+	UA/NA	UA/NA	UA/NA	UA/NA
MONTREAL	G+	4,001	3,932	3,498	434
NEW MEXICO	+	2,211	1,833	1,741	92
NEW YORK	b +	UA/NA	UA/NA	UA/NA	UA/NA
NORTH CAROLINA	G+	3,462	2,560	2,090	470
NORTHWESTERN	G+	9,109	9,109	8,925	184

COLLECTIONS PART 2

Current Serials Not Purchased	Current Serials Not Purchased Consortial	Current Serials Not Purchased Freely Accessible	Current Serials Not Purchased Print	Current Serials Not Purchased GovDocs	
(4b)	(4b.i)	(4b.ii)	(4b.iii)	(4b.iv)	(Survey Question Number)
					INSTITUTION
1,961	UA/NA	UA/NA	UA/NA	UA/NA	ALABAMA
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	ARIZONA
491	0	491	0	0	BOSTON
265	0	0	265	0	CALIFORNIA DAVIS
2,101	0	461	29	1,611	CALIFORNIA IRVINE
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	CALIFORNIA LOS ANGELES
2,093	741	1,337	11	4	CALIFORNIA SAN DIEGO
20	0	0	20	0	CASE WESTERN RESERVE
2,500	0	2,500	0	0	CHICAGO
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	CINCINNATI
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	COLUMBIA
5,673	5,173	500	0	0	CONNECTICUT
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	CORNELL
1,396	0	1,205	101	90	DARTMOUTH
3	0	0	3	0	DUKE
3,045	3,045	0	0	0	EMORY
10	0	0	10	0	FLORIDA
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	FLORIDA STATE
1,163	0	1,153	10	0	GEORGE WASHINGTON
1,008	UA/NA	UA/NA	UA/NA	UA/NA	GEORGETOWN
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	HARVARD
0	0	0	0	0	HAWAII
4,500	204	4,296	0	0	HOWARD
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	ILLINOIS CHICAGO
3,836	562	3,258	16	0	INDIANA
1,545	0	1,495	50	0	IOWA
117	0	117	0	0	KANSAS
10	0	0	10	0	KENTUCKY
10,020	5,010	5,004	6	0	LOUISIANA STATE
410	0	410	0	0	MCGILL
529	0	511	18	0	MCMASTER
81	0	0	81	0	MIAMI
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	MICHIGAN
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	MINNESOTA
69	0	0	69	0	MONTREAL
378	366	0	12	0	NEW MEXICO
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	NEW YORK
902	0	806	96	0	NORTH CAROLINA
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	NORTHWESTERN

COLLECTIONS PART 2

		Current Serials Total	Current Serials Purchased	Current Serials Purchased Electronic	Current Serials Purchased Print
(Survey Question Number)		(4)	(4a)	(4a.i)	(4a.ii)
INSTITUTION	Notes				
OHIO STATE	bG+	3,185	3,185	2,931	254
OKLAHOMA	G+	0	0	0	0
OKLAHOMA STATE	G+	UA/NA	UA/NA	UA/NA	UA/NA
PENNSYLVANIA	+	239	239	0	239
PENNSYLVANIA STATE	bG+	7,971	6,781	6,769	12
PITTSBURGH	b +	4,406	4,406	3,940	466
QUEENS	b +	UA/NA	UA/NA	UA/NA	UA/NA
ROCHESTER	bG+	4,645	4,645	4,506	139
SASKATCHEWAN	+	5,441	4,077	3,953	124
SOUTH CAROLINA		28,236	3,323	3,295	28
SOUTHERN CALIFORNIA	G	2,685	2,069	1,809	260
SOUTHERN ILLINOIS		1,182	1,182	534	648
SUNY-BUFFALO	G+	745	657	0	657
SUNY-STONY BROOK	b	4,225	2,298	2,231	67
TEMPLE	G+	6,711	6,711	6,217	494
TENNESSEE	bG+	1,715	924	773	151
TEXAS TECH	b +	18,809	16,924	16,002	922
TULANE		14,761	2,480	2,150	330
UTAH	bG+	3,495	1,536	725	811
VANDERBILT	G	4,260	3,811	3,731	80
VIRGINIA	+	UA/NA	UA/NA	UA/NA	UA/NA
WASHINGTON		UA/NA	UA/NA	UA/NA	UA/NA
WASHINGTON U.-ST. LOUIS	bG+	3,196	2,159	2,125	34
WISCONSIN	bG+	4,956	1,221	1,135	86
YALE	G+	6,755	6,464	5,881	583

SUMMARY DATA

HIGH	28,236	21,626	21,226	2,113
MEAN	5,659	3,829	4,063	364
MEDIAN	4,333	2,520	3,190	247
LOW	204	184	72	11
SUM	305,609	199,082	178,750	18,218
NUMBER OF LIBRARIES REPORTING	54	52	44	50

+ – 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 2

Current Serials Not Purchased	Current Serials Not Purchased Consortial	Current Serials Not Purchased Freely Accessible	Current Serials Not Purchased Print	Current Serials Not Purchased GovDocs	
(4b)	(4b.i)	(4b.ii)	(4b.iii)	(4b.iv)	(Survey Question Number)
INSTITUTION					
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	OHIO STATE
0	0	0	0	0	OKLAHOMA
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	OKLAHOMA STATE
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	PENNSYLVANIA
1,190	1,095	90	5	0	PENNSYLVANIA STATE
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	PITTSBURGH
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	QUEENS
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	ROCHESTER
1,364	0	1,325	39	0	SASKATCHEWAN
24,913	24,353	560	0	0	SOUTH CAROLINA
616	0	616	0	0	SOUTHERN CALIFORNIA
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	SOUTHERN ILLINOIS
88	7	0	81	0	SUNY-BUFFALO
1,927	2	1,869	28	28	SUNY-STONY BROOK
0	0	0	0	0	TEMPLE
791	671	119	1	0	TENNESSEE
1,885	0	1,803	82	0	TEXAS TECH
12,281	0	12,281	0	0	TULANE
1,959	1,723	212	6	18	UTAH
449	259	188	2	0	VANDERBILT
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	VIRGINIA
UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	WASHINGTON
1,037	456	578	3	0	WASHINGTON U.-ST. LOUIS
3,735	0	3,727	8	0	WISCONSIN
291	0	200	91	0	YALE
SUMMARY DATA					
24,913	24,353	12,281	265	1,611	HIGH
2,416	2,911	1,683	41	350	MEAN
1,100	671	711	17	28	MEDIAN
3	2	90	1	4	LOW
96,652	43,667	47,112	1,153	1,751	SUM
40	15	28	28	5	NUMBER OF LIBRARIES REPORTING

COLLECTIONS PART 3

		Microform Units	Government Documents	Computer Files	Manuscripts and Archives	Cartographic Materials	Graphic Materials	Audio Materials	Film and Video
(Survey Question Number)		(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
INSTITUTION	Notes								
ALABAMA	bG+	0	0	125	0	0	1,546	486	357
ARIZONA	bG+	4,700	UA/NA	0	15	34	71,719	596	6,671
BOSTON		29	0	382	712	0	17,700	325	225
CALIFORNIA DAVIS	+	12,769	UA/NA	697	UA/NA	UA/NA	419	1,529	268
CALIFORNIA IRVINE	bG+	347,217	18,333	1,353	509	1,356	8,599	1,569	1,565
CALIFORNIA LOS ANGELES	+	64,852	0	2,167	1,457	3	43,987	3,569	1,660
CALIFORNIA SAN DIEGO	bG+	0	0	1,037	0	0	4,370	2,960	9
CASE WESTERN RESERVE	G+	3,752	0	450	1,000	0	51,833	1,300	1,319
CHICAGO	G+	28,835	0	1,177	0	0	0	UA/NA	UA/NA
CINCINNATI	b +	6,860	0	454	3,060	0	40,089	2,145	1,414
COLUMBIA	+	52,822	UA/NA	527	4,005	UA/NA	13,474	.	.
CONNECTICUT	bG	0	0	460	0	0	0	378	1,364
CORNELL	+	12,900	0	612	0	0	928	29	920
DARTMOUTH	G+	13,059	0	257	0	3	20,313	5,822	1,647
DUKE	b +	193	0	29,292	11,482	93	553,836	1,240	2,858
EMORY	+	15	UA/NA	187	252	UA/NA	UA/NA	4,304	1,461
FLORIDA	+	.	.	-3	.	.	.	.	174
FLORIDA STATE	b +	0	0	0	0	0	0	0	21
GEORGE WASHINGTON	b +	0	0	335	75	0	3,656	1,009	1,147
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	b +	.	.	52	.	.	.	.	8
HOWARD	b +	20,000	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	65	1,520
ILLINOIS CHICAGO	G+	61,616	0	1,879	UA/NA	UA/NA	UA/NA	1,314	2,488
INDIANA	bG+	6,856	0	546	UA/NA	0	3,576	0	340
IOWA	b	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	222	475
KANSAS	+	0	0	1,518	0	0	153	62	1,046
KENTUCKY	G+	2	0	14	0	0	31,598	1,511	1,245
LOUISIANA STATE	+	0	0	322	0	0	0	0	716
MCGILL	b +	12,577	UA/NA	1,319	247	UA/NA	8,345	174	6,339
MCMASTER	G+	5,241	0	1,860	855	0	10	1,018	891
MIAMI	G+	2,837	0	UA/NA	610	UA/NA	UA/NA	UA/NA	3,586
MICHIGAN	bG	3,966	0	1,399	3	0	0	0	0
MINNESOTA	bG+	67,186	19,979	645	80	9	UA/NA	UA/NA	UA/NA
MONTREAL	G+	31,540	0	662	0	0	12,727	998	1,770
NEW MEXICO	+	2	0	436	1,851	0	7,416	1,328	2,104
NEW YORK	b +	11	0	857	707	0	8,861	425	1,315
NORTH CAROLINA	G+	35,688	0	19	0	0	820	131	2,125
NORTHWESTERN	G+	UA/NA	0	709	UA/NA	0	UA/NA	474	1,128

COLLECTIONS PART 3

(Survey Question Number)		Microform Units	Government Documents	Computer Files	Manuscripts and Archives	Cartographic Materials	Graphic Materials	Audio Materials	Film and Video
		(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
INSTITUTION	Notes								
OHIO STATE	bG+	106	0	536	1,045	1,676	9,000	37	1,287
OKLAHOMA	G+	650	0	105	5,820	0	0	0	6,468
OKLAHOMA STATE	G+	44,260	0	8	156	2	98,477	3,276	1,442
PENNSYLVANIA	+	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA
PENNSYLVANIA STATE	bG+	0	0	604	91	0	743	74	416
PITTSBURGH	b +	0	UA/NA	439	118	30	5	2,727	5,016
QUEENS	b +	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA	UA/NA
ROCHESTER	bG+	0	0	70	1,020	0	5,000	65	77
SASKATCHEWAN	+	2,290	UA/NA	246	UA/NA	UA/NA	10,986	169	44
SOUTH CAROLINA		4,721	0	9	0	0	0	48	1,411
SOUTHERN CALIFORNIA	G	9,337	0	710	35	0	13,430	2,424	754
SOUTHERN ILLINOIS		6,120	546	84	410	0	0	2,574	3,419
SUNY-BUFFALO	G+	41,272	0	738	0	0	63,415	734	4,264
SUNY-STONY BROOK	b	0	0	0	0	0	0	0	0
TEMPLE	G+	49	0	14	0	0	0	0	1,511
TENNESSEE	bG+	328	0	384	225	0	0	44	1,257
TEXAS TECH	b +	2,550	0	2,567	750	0	786	4,840	7,114
TULANE		0	0	270	1,351	0	0	0	0
UTAH	bG+	15,239	0	807	0	0	2,312	10	1,463
VANDERBILT	G	9,119	0	1,012	3,863	2	0	1,272	1,352
VIRGINIA	+	15,946	0	282	842	0	8,000	1,375	2,349
WASHINGTON		85,211	0	2,985	0	0	454	2,262	796
WASHINGTON U.-ST. LOUIS	bG+	1,854	0	903	2,495	0	3	25	731
WISCONSIN	bG+	5,845	6,292	75	3,620	0	11	911	1,330
YALE	G+	15,651	0	720	525	0	10,897	2,086	655

SUMMARY DATA

HIGH	347,217	19,979	29,292	11,482	1,676	553,836	5,822	7,114
MEAN	23,513	11,288	1,189	1,494	321	28,963	1,303	1,699
MEDIAN	6,856	12,313	527	712	20	8,000	1,004	1,319
LOW	2	546	-3	3	2	3	10	8
SUM	1,058,105	45,150	65,375	49,286	3,208	1,129,563	59,936	93,437
NUMBER OF LIBRARIES REPORTING	45	4	55	33	10	39	46	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)		(15.a)	(15.b)	(15.c)	(15.d)	(15)	(16)
INSTITUTION	Notes						
ALABAMA	bG+	2,435	52,099	63,901	4,085	122,520	1,336
ARIZONA	bG+	32,912	1,160,112	144,812	0	1,337,836	10,156
BOSTON		147,710	1,389,281	78,212	0	1,615,203	12,727
CALIFORNIA DAVIS	+	280,982	970,724	177,187	26,450	1,455,343	14,143
CALIFORNIA IRVINE	bG+	320,175	785,518	35,308	UA / NA	1,141,001	7,848
CALIFORNIA LOS ANGELES	+	419,496	2,050,789	UA / NA	UA / NA	2,470,285	46,914
CALIFORNIA SAN DIEGO	bG+	203,002	1,793,485	59,118	0	2,055,605	21,091
CASE WESTERN RESERVE	G+	111,955	1,308,054	58,602	49,299	1,527,910	12,537
CHICAGO	G+	207,741	1,500,449	2,249,664	0	3,957,854	54,726
CINCINNATI	b +	73,369	1,482,535	99,046	0	1,654,950	11,968
COLUMBIA	+	125,494	1,955,979	19,566	0	2,101,039	14,932
CONNECTICUT	bG	214,418	1,569,247	33,336	309,412	2,126,413	21,573
CORNELL	+	133,109	1,585,826	0	4,636	1,723,571	19,944
DARTMOUTH	G+	50,667	1,069,259	4,133	0	1,124,059	11,651
DUKE	b +	57,609	1,341,174	28,364	99,216	1,526,363	3,612
EMORY	+	100,152	1,895,218	8,159	179,366	2,182,895	25,296
FLORIDA	+	82,272	1,798,096	138,182	5,826	2,024,376	.
FLORIDA STATE	b +	102,092	276,485	174,212	0	552,789	0
GEORGE WASHINGTON	b +	142,955	1,409,334	25,000	247,848	1,825,137	12,084
GEORGETOWN	b	42,759	1,235,000	0	324,004	1,601,763	1,959
HARVARD	G+	99,703	713,044	1,706,186	0	2,518,933	65,106
HAWAII	b +	78,116	240,440	113,898	.	432,454	.
HOWARD	b +	40,000	797,261	104,211	UA / NA	941,472	15,000
ILLINOIS CHICAGO	G+	300,970	2,667,653	3,484	0	2,972,107	.
INDIANA	bG+	122,027	1,507,106	370,258	197	1,999,588	4,856
IOWA	b	223,705	1,031,034	11,970	45,845	1,312,554	UA / NA
KANSAS	+	141,012	1,249,654	46,504	0	1,437,170	6,950
KENTUCKY	G+	132,561	1,694,051	87,677	28,457	1,942,746	11,777
LOUISIANA STATE	+	18,970	397,462	UA / NA	UA / NA	416,432	0
MCGILL	b +	724,383	1,015,117	8,731	0	1,748,231	10,925
MCMASTER	G+	263,377	1,237,391	0	40,817	1,541,585	243
MIAMI	G+	250,861	1,699,591	0	0	1,950,452	15,201
MICHIGAN	bG	54,327	778,672	560,232	0	1,393,231	0
MINNESOTA	bG+	687,432	2,395,593	159,110	25,148	3,267,283	44,509
MONTREAL	G+	99,299	1,864,836	0	0	1,964,135	16,460
NEW MEXICO	+	55,155	833,919	96	120,124	1,009,294	1,561
NEW YORK	b +	48,786	2,198,195	65,047	0	2,312,028	17,761
NORTH CAROLINA	G+	299,190	2,776,798	281,669	50,028	3,407,685	11,842
NORTHWESTERN	G+	95,197	1,554,753	405,725	0	2,055,675	17,439

EXPENDITURES						
Salaries & Wages Professional Staff	Salaries & Wages Support Staff	Salaries & Wages Student Assistants	Total Salaries & Wages	Other Operating Expenditures	Total Library Expenditures	
(17.a)	(17.b)	(17.c)	(17)	(19)	(20)	(Survey Question Number)
INSTITUTION						
153,577	57,786	0	211,363	20,873	356,092	ALABAMA
1,020,236	847,575	73,975	1,941,786	1,134,305	4,424,083	ARIZONA
755,663	308,834	72,949	1,137,446	186,372	2,951,748	BOSTON
625,284	395,662	382,635	1,403,581	76,050	2,949,117	CALIFORNIA DAVIS
533,039	597,902	79,067	1,210,008	324,324	2,683,181	CALIFORNIA IRVINE
1,249,619	623,116	296,858	2,169,593	599,870	5,286,662	CALIFORNIA LOS ANGELES
628,011	724,192	126,278	1,478,481	312,932	3,868,109	CALIFORNIA SAN DIEGO
485,555	345,559	136,925	968,039	115,625	2,624,111	CASE WESTERN RESERVE
317,337	448,013	114,000	879,350	31,007	4,922,937	CHICAGO
1,213,014	158,759	55,079	1,426,852	424,182	3,517,952	CINCINNATI
970,591	370,217	27,530	1,368,338	132,740	3,617,049	COLUMBIA
1,095,313	635,116	74,785	1,805,214	71,480	4,024,680	CONNECTICUT
570,141	1,230,176	0	1,800,317	209,616	3,753,448	CORNELL
577,404	475,238	25,280	1,077,922	105,904	2,319,536	DARTMOUTH
1,225,233	671,911	0	1,897,144	522,452	3,949,571	DUKE
689,277	857,567	16,673	1,563,517	442,421	4,214,129	EMORY
940,389	1,182,957	112,217	2,235,563	228,694	4,488,633	FLORIDA
216,020	50,982	24,444	291,446	29,949	874,184	FLORIDA STATE
903,286	620,374	57,194	1,580,854	253,093	3,671,168	GEORGE WASHINGTON
738,170	305,028	40,000	1,083,198	187,035	2,873,955	GEORGETOWN
2,743,348	797,762	61,338	3,602,448	745,714	6,932,201	HARVARD
192,005	128,464	.	320,469	40,853	793,776	HAWAII
500,847	390,363	120,000	1,011,210	37,500	2,005,182	HOWARD
887,252	1,215,751	61,340	2,164,343	128,928	5,265,378	ILLINOIS CHICAGO
816,579	735,482	44,087	1,596,148	138,272	3,738,864	INDIANA
602,863	465,360	152,269	1,220,492	167,962	2,701,008	IOWA
545,213	600,176	48,667	1,194,056	251,611	2,889,787	KANSAS
793,330	284,990	81,215	1,159,535	229,349	3,343,407	KENTUCKY
43,665	113,184	0	156,849	31,308	604,589	LOUISIANA STATE
648,232	591,789	59,800	1,299,821	46,496	3,105,473	MCGILL
574,967	751,030	28,846	1,354,842	156,939	3,053,609	MCMASTER
529,420	1,259,146	0	1,788,566	486,599	4,240,818	MIAMI
772,715	758,236	214,109	1,745,060	19,347	3,157,638	MICHIGAN
796,153	1,108,005	268,550	2,172,708	583,617	6,068,117	MINNESOTA
653,113	1,047,921	UA/NA	1,701,034	0	3,681,629	MONTREAL
1,581,188	1,929,106	87,299	3,597,593	1,164,038	5,772,486	NEW MEXICO
2,086,231	913,716	150,996	3,150,943	898,301	6,379,033	NEW YORK
2,103,238	1,300,031	153,608	3,556,877	572,803	7,549,207	NORTH CAROLINA
1,025,868	438,005	21,761	1,485,634	267,025	3,825,773	NORTHWESTERN

EXPENDITURES

		Monographs	Current Serials	Other Library Materials	Miscellaneous Materials	Total Library Materials	Contract Binding
(Survey Question Number)		(15.a)	(15.b)	(15.c)	(15.d)	(15)	(16)
INSTITUTION	Notes						
OHIO STATE	bG+	100,710	1,169,153	162,653	354	1,432,870	22,128
OKLAHOMA	G+	110,103	1,804,031	321,961	11,758	2,247,853	51,769
OKLAHOMA STATE	G+	42,375	275,426	11,194	UA/NA	328,995	2,097
PENNSYLVANIA	+	113,311	2,099,270	UA/NA	UA/NA	2,212,581	41,891
PENNSYLVANIA STATE	bG+	36,692	1,144,580	0	138,479	1,319,751	2,350
PITTSBURGH	b +	341,542	1,916,443	20,666	1,777,638	4,056,289	15,977
QUEENS	b +	143,966	1,668,267	3,972	UA/NA	1,816,204	9,033
ROCHESTER	bG+	67,109	1,580,435	316,238	0	1,963,782	35,050
SASKATCHEWAN	+	178,330	1,560,486	UA/NA	UA/NA	1,738,816	7,958
SOUTH CAROLINA		17,579	457,525	62,304	146,712	684,120	0
SOUTHERN CALIFORNIA	G	376,511	2,261,013	5,614	241,037	2,884,175	61,888
SOUTHERN ILLINOIS		69,763	770,481	5,060	38,372	883,676	15,437
SUNY-BUFFALO	G+	159,917	841,958	16,174	0	1,018,049	6,503
SUNY-STONY BROOK	b	49,911	1,312,354	111,155	5,100	1,478,520	0
TEMPLE	G+	200,380	1,276,711	934,503	0	2,411,594	9,102
TENNESSEE	bG+	36,719	1,789,151	52,629	640	1,879,139	8,637
TEXAS TECH	b +	346,893	1,726,495	57,502	403,033	2,533,923	25,365
TULANE		130,133	1,022,446	0	0	1,152,579	0
UTAH	bG+	87,585	1,192,799	60,902	6,147	1,347,433	15,769
VANDERBILT	G	271,964	2,289,253	126,455	39,800	2,727,472	12,000
VIRGINIA	+	71,886	1,738,703	172,897	11,349	1,994,835	12,354
WASHINGTON		177,396	2,545,789	36	4,650	2,727,871	14,941
WASHINGTON U.-ST. LOUIS	bG+	207,452	2,806,104	0	0	3,013,556	24,867
WISCONSIN	bG+	38,121	1,171,803	343	286,136	1,496,403	27,660
YALE	G+	454,390	2,086,678	42,122	0	2,583,190	11,139

SUMMARY DATA

HIGH	724,383	2,806,104	2,249,664	1,777,638	4,056,289	65,106
MEAN	162,767	1,434,197	188,577	145,999	1,823,182	18,112
MEDIAN	117,669	1,445,935	61,603	40,308	1,782,218	13,435
LOW	2,435	52,099	36	197	122,520	243
SUM	10,417,113	91,788,588	9,805,980	4,671,963	116,683,643	978,040
NUMBER OF LIBRARIES REPORTING	64	64	52	32	64	54

+ – 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	Total Salaries & Wages	Other Operating Expenditures	Total Library Expenditures	
(17.a)	(17.b)	(17.c)	(17)	(19)	(20)	(Survey Question Number)
INSTITUTION						
1,117,825	631,297	75,881	1,825,003	221,128	3,501,129	OHIO STATE
431,614	565,927	174,306	1,171,847	511,369	3,982,838	OKLAHOMA
255,998	330,326	30,000	616,324	88,026	1,035,442	OKLAHOMA STATE
564,040	584,200	85,506	1,233,746	308,864	3,797,082	PENNSYLVANIA
405,549	370,541	10,853	786,943	104,162	2,213,206	PENNSYLVANIA STATE
1,525,259	1,154,770	67,879	2,747,908	656,118	7,476,292	PITTSBURGH
659,805	461,231	36,570	1,157,605	198,920	3,181,762	QUEENS
1,133,470	188,741	64,553	1,386,764	325,626	3,711,222	ROCHESTER
326,886	239,155	57,592	623,633	UA/NA	2,370,407	SASKATCHEWAN
496,699	211,028	27,202	734,929	106,884	1,525,933	SOUTH CAROLINA
971,202	943,295	129,531	2,044,028	637,206	5,627,297	SOUTHERN CALIFORNIA
418,335	488,022	12,792	919,149	71,564	1,889,826	SOUTHERN ILLINOIS
1,012,440	341,131	134,660	1,488,231	136,164	2,648,947	SUNY-BUFFALO
1,318,010	215,380	123,210	1,656,600	577,956	3,713,076	SUNY-STONY BROOK
600,926	449,938	58,068	1,108,932	156,316	3,685,944	TEMPLE
855,520	492,950	5,671	1,354,141	132,818	3,374,735	TENNESSEE
1,081,444	648,621	210,167	1,940,232	452,572	4,952,092	TEXAS TECH
373,521	177,059	13,242	563,822	0	1,716,401	TULANE
759,944	730,316	208,561	1,698,821	1,162,118	4,224,141	UTAH
1,737,656	510,260	8,510	2,256,426	770,107	5,766,005	VANDERBILT
1,198,110	1,085,478	10,587	2,294,175	353,716	4,655,080	VIRGINIA
1,678,100	719,911	188,670	2,586,681	1,501,131	6,830,624	WASHINGTON
1,957,820	693,093	68,282	2,719,195	284,058	6,041,676	WASHINGTON U.-ST. LOUIS
1,145,287	670,498	137,669	1,953,454	922,564	4,400,081	WISCONSIN
1,502,043	734,746	41,500	2,278,289	347,123	5,219,741	YALE
SUMMARY DATA						
2,743,348	1,929,106	382,635	3,602,448	1,501,131	7,549,207	HIGH
880,170	615,209	92,127	1,577,430	350,854	3,750,302	MEAN
766,330	594,845	68,282	1,482,058	229,349	3,698,583	MEDIAN
43,665	50,982	5,671	156,849	19,347	356,092	LOW
56,330,889	39,373,394	5,251,236	100,955,518	21,402,096	240,019,298	SUM
64	64	57	64	61	64	NUMBER OF LIBRARIES REPORTING

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+	0	63,322	63,322	122,520	52
ARIZONA	bG+	32,912	1,186,220	1,219,132	1,337,836	91
BOSTON		32,289	821,877	854,166	1,615,203	53
CALIFORNIA DAVIS	+	170,962	773,972	944,934	1,455,343	65
CALIFORNIA IRVINE	bG+	58,071	508,881	566,952	1,141,001	50
CALIFORNIA LOS ANGELES	+	UA/NA	UA/NA	.	2,470,285	.
CALIFORNIA SAN DIEGO	bG+	61,111	1,376,173	1,437,284	2,055,605	70
CASE WESTERN RESERVE	G+	50,455	1,099,082	1,149,537	1,527,910	75
CHICAGO	G+	130,000	2,249,664	2,379,664	3,957,854	60
CINCINNATI	b +	0	982,869	982,869	1,654,950	59
COLUMBIA	+	0	1,710,408	1,710,408	2,101,039	81
CONNECTICUT	bG	19,134	1,325,873	1,345,007	2,126,413	63
CORNELL	+	87,400	821,036	908,436	1,723,571	53
DARTMOUTH	G+	0	864,486	864,486	1,124,059	77
DUKE	b +	0	1,216,650	1,216,650	1,526,363	80
EMORY	+	UA/NA	1,007,182	1,007,182	2,182,895	46
FLORIDA	+	.	1,907,151	1,907,151	2,024,376	94
FLORIDA STATE	b +	0	545,102	545,102	552,789	99
GEORGE WASHINGTON	b +	30,506	1,503,500	1,534,006	1,825,137	84
GEORGETOWN	b	14,009	1,505,000	1,519,009	1,601,763	95
HARVARD	G+	1,706,186	UA/NA	1,706,186	2,518,933	68
HAWAII	b +	.	415,330	415,330	432,454	96
HOWARD	b +	UA/NA	825,681	825,681	941,472	88
ILLINOIS CHICAGO	G+	5,000	1,407,510	1,412,510	2,972,107	48
INDIANA	bG+	140,584	1,673,886	1,814,470	1,999,588	91
IOWA	b	787	698,890	699,677	1,312,554	53
KANSAS	+	56,790	808,000	864,790	1,437,170	60
KENTUCKY	G+	82,713	1,241,383	1,324,096	1,942,746	68
LOUISIANA STATE	+	2,000	380,000	382,000	416,432	92
MCGILL	b +	135,730	754,878	890,608	1,748,231	51
MCMASTER	G+	104,445	1,089,745	1,194,190	1,541,585	77
MIAMI	G+	91,420	1,307,805	1,399,225	1,950,452	72
MICHIGAN	bG	0	554,860	554,860	1,393,231	40
MINNESOTA	bG+	256,784	1,736,506	1,993,290	3,267,283	61
MONTREAL	G+	UA/NA	1,341,967	1,341,967	1,964,135	68
NEW MEXICO	+	30,400	952,999	983,399	1,009,294	97
NEW YORK	b +	22,427	2,133,697	2,156,124	2,312,028	93
NORTH CAROLINA	G+	422,485	1,946,328	2,368,813	3,407,685	70
NORTHWESTERN	G+	18,000	1,899,956	1,917,956	2,055,675	93

ELECTRONIC RESOURCES EXPENDITURES

Bibl. Utilities, Networks, etc. Library Expenditures	Bibl. Utilities, Networks, etc. External Expenditures	Computer Hardware and Software Expenditures	Document Delivery/ Interlibrary Loan Expenditures	(Survey Question Number)	INSTITUTION
(23.a)	(23.b)	(24)	(25)		
1,351	0	1,807	994		ALABAMA
6,717	53,757	71,277	37,311		ARIZONA
7,039	UA/NA	56,755	3,936		BOSTON
10,041	0	13,758	42,124		CALIFORNIA DAVIS
15,666	107,133	63,324	9,456		CALIFORNIA IRVINE
UA/NA	UA/NA	UA/NA	UA/NA		CALIFORNIA LOS ANGELES
UA/NA	245,543	56,537	70,497		CALIFORNIA SAN DIEGO
8,588	0	1,754	17,362		CASE WESTERN RESERVE
UA/NA	UA/NA	125,000	27,070		CHICAGO
7,011	UA/NA	360,575	1,269		CINCINNATI
7,301	UA/NA	20,818	UA/NA		COLUMBIA
23,916	0	50,071	7,574		CONNECTICUT
16,755	0	153,808	7,172		CORNELL
UA/NA	UA/NA	24,280	52,815		DARTMOUTH
78,100	0	29,935	3,477		DUKE
1,314	UA/NA	87,837	8,163		EMORY
5,162	.	77,825	17,591		FLORIDA
0	0	0	1,764		FLORIDA STATE
4,600	0	83,480	5,475		GEORGE WASHINGTON
6,163	0	13,416	8,400		GEORGETOWN
8,543	0	147,910	UA/NA		HARVARD
25,697	.	1,962	52		HAWAII
4,300	UA/NA	45,000	7,900		HOWARD
UA/NA	UA/NA	23,739	42,277		ILLINOIS CHICAGO
UA/NA	UA/NA	UA/NA	UA/NA		INDIANA
17,191	0	917	155,131		IOWA
0	0	73,081	0		KANSAS
0	0	45,313	44,043		KENTUCKY
UA/NA	UA/NA	0	3,347		LOUISIANA STATE
UA/NA	UA/NA	UA/NA	UA/NA		MCGILL
24,750	0	39,600	55,440		MCMASTER
8,924	0	150,424	14,601		MIAMI
UA/NA	UA/NA	UA/NA	892		MICHIGAN
0	0	67,138	22,887		MINNESOTA
UA/NA	UA/NA	UA/NA	UA/NA		MONTREAL
190,858	0	288,063	10,266		NEW MEXICO
19,061	UA/NA	131,180	87,660		NEW YORK
22,656	UA/NA	70,862	19,440		NORTH CAROLINA
18,173	UA/NA	39,628	UA/NA		NORTHWESTERN

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					
OHIO STATE	bG+	0	1,202,839	1,202,839	1,432,870	84
OKLAHOMA	G+	16,840	1,108,976	1,125,816	2,247,853	50
OKLAHOMA STATE	G+	20,314	184,148	204,462	328,995	62
PENNSYLVANIA	+	0	2,014,996	2,014,996	2,212,581	91
PENNSYLVANIA STATE	bG+	0	1,144,233	1,144,233	1,319,751	87
PITTSBURGH	b +	0	3,630,505	3,630,505	4,056,289	90
QUEENS	b +	UA / NA	1,494,741	1,494,741	1,816,204	82
ROCHESTER	bG+	0	1,645,051	1,645,051	1,963,782	84
SASKATCHEWAN	+	UA / NA	UA / NA	.	1,738,816	.
SOUTH CAROLINA		5,000	666,541	671,541	684,120	98
SOUTHERN CALIFORNIA	G	128,901	2,072,557	2,201,458	2,884,175	76
SOUTHERN ILLINOIS		0	143,050	143,050	883,676	16
SUNY-BUFFALO	G+	1,540	707,928	709,468	1,018,049	70
SUNY-STONY BROOK	b	145,293	1,253,464	1,398,757	1,478,520	95
TEMPLE	G+	433,038	1,533,627	1,966,665	2,411,594	82
TENNESSEE	bG+	0	943,454	943,454	1,879,139	50
TEXAS TECH	b +	134,096	1,685,652	1,819,748	2,533,923	72
TULANE		83,802	1,015,076	1,098,878	1,152,579	95
UTAH	bG+	41,857	774,613	816,470	1,347,433	61
VANDERBILT	G	203,471	2,480,596	2,684,067	2,727,472	98
VIRGINIA	+	0	1,123,193	1,123,193	1,994,835	56
WASHINGTON		3,653	2,134,399	2,138,052	2,727,871	78
WASHINGTON U.-ST. LOUIS	bG+	0	1,749,538	1,749,538	3,013,556	58
WISCONSIN	bG+	0	1,452,501	1,452,501	1,496,403	97
YALE	G+	84,173	2,122,011	2,206,184	2,583,190	85

SUMMARY DATA

HIGH	1,706,186	3,630,505	3,630,505	4,056,289	99
MEAN	129,861	1,261,009	1,322,357	1,823,182	73
MEDIAN	58,071	1,202,839	1,217,891	1,782,218	76
LOW	787	63,322	63,322	122,520	16
SUM	5,064,578	76,921,558	81,986,136	116,683,643	
NUMBER OF LIBRARIES REPORTING	39	61	62	64	62

+ – 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	Bibl. Utilities, Networks, etc. External Expenditures	Computer Hardware and Software Expenditures	Document Delivery/ Interlibrary Loan Expenditures	(Survey Question Number)	INSTITUTION
(23.a)	(23.b)	(24)	(25)		
4,000	0	66,230	40,124		OHIO STATE
22,678	42,891	80,989	41,835		OKLAHOMA
7,355	UA/NA	7,387	3,978		OKLAHOMA STATE
UA/NA	UA/NA	5,847	93,853		PENNSYLVANIA
0	0	474	8,782		PENNSYLVANIA STATE
UA/NA	UA/NA	151,235	46,111		PITTSBURGH
UA/NA	UA/NA	UA/NA	UA/NA		QUEENS
3,313	0	156,406	40,097		ROCHESTER
UA/NA	UA/NA	UA/NA	UA/NA		SASKATCHEWAN
3,428	0	13,790	2,176		SOUTH CAROLINA
7,437	0	104,838	11,547		SOUTHERN CALIFORNIA
0	0	17,374	4,500		SOUTHERN ILLINOIS
UA/NA	UA/NA	UA/NA	UA/NA		SUNY-BUFFALO
17,477	326,850	394,837	8,191		SUNY-STONY BROOK
0	0	67,053	5,360		TEMPLE
16,469	1,195	63,642	6,533		TENNESSEE
51,288	0	180,407	8,433		TEXAS TECH
7,727	0	346	0		TULANE
0	40,000	100,601	4,569		UTAH
1,594	UA/NA	102,661	42,067		VANDERBILT
1,547	0	99,332	30,422		VIRGINIA
UA/NA	UA/NA	43,895	92,894		WASHINGTON
0	361	81,652	2,340		WASHINGTON U.-ST. LOUIS
UA/NA	UA/NA	23,609	95,201		WISCONSIN
980	0	74,024	22,039		YALE
					SUMMARY DATA
190,858	326,850	394,837	155,131		HIGH
18,031	102,216	78,772	26,874		MEAN
8,135	48,324	64,936	10,907		MEDIAN
980	361	346	52		LOW
685,170	817,730	4,253,703	1,397,438		SUM
38	8	54	52		NUMBER OF LIBRARIES REPORTING

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)		(26.a)	(26.b)	(26.c)	(26)	(27)	(28)
INSTITUTION	Notes						
ALABAMA	bG+	3	3	0	6	2	70
ARIZONA	bG+	17	27	5	49	2	126
BOSTON		14	8	4	26	3	107
CALIFORNIA DAVIS	+	10	15	9	34	2	84
CALIFORNIA IRVINE	bG+	9	15	6	30	7	128
CALIFORNIA LOS ANGELES	+	16	10	15	41	UA/NA	UA/NA
CALIFORNIA SAN DIEGO	bG+	10	19	6	35	2	99
CASE WESTERN RESERVE	G+	7	10	8	25	2	UA/NA
CHICAGO	G+	5	15	6	26	2	82
CINCINNATI	b +	15	8	4	27	4	93
COLUMBIA	+	15	12	5	32	4	95
CONNECTICUT	bG	14	13	3	30	3	94
CORNELL	+	6	25	0	31	2	108
DARTMOUTH	G+	9	15	3	27	3	115
DUKE	b +	23	15	0	38	3	86
EMORY	+	11	22	1	34	6	91
FLORIDA	+	20	24	9	53	3	97
FLORIDA STATE	b +	4	2	1	7	1	84
GEORGE WASHINGTON	b +	16	16	6	38	4	168
GEORGETOWN	b	11	8	7	26	3	60
HARVARD	G+	35	26	2	63	UA/NA	UA/NA
HAWAII	b +	5	2	.	7	1	78
HOWARD	b +	8	14	4	26	3	112
ILLINOIS CHICAGO	G+	21	36	7	64	5	102
INDIANA	bG+	11	21	6	38	3	40
IOWA	b	11	11	10	32	4	96
KANSAS	+	10	19	3	32	1	103
KENTUCKY	G+	13	14	6	33	3	110
LOUISIANA STATE	+	1	6	0	7	1	88
MCGILL	b +	9	12	3	24	3	77
MCMASTER	G+	9	18	2	29	2	120
MIAMI	G+	14	24	0	38	6	103
MICHIGAN	bG	13	18	14	45	3	97
MINNESOTA	bG+	13	27	16	56	6	96
MONTREAL	G+	10	22	UA/NA	32	6	85
NEW MEXICO	+	26	46	6	78	2	95
NEW YORK	b +	35	26	10	71	8	93
NORTH CAROLINA	G+	31	32	8	71	1	109
NORTHWESTERN	G+	17	12	2	31	3	97

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)	
(29)	(30)	(31)	(32)	(33)	(34)	(35)	(Survey Question Number)
INSTITUTION							
23	269	1,874	406	579	264	258	ALABAMA
627	4,962	11,383	20,490	23,368	8,942	2,349	ARIZONA
256	4,371	16,129	2,179	2,817	4,295	2,939	BOSTON
87	1,192	11,719	30,383	49,463	15,389	4,018	CALIFORNIA DAVIS
83	2,238	8,742	18,831	42,380	3,344	3,724	CALIFORNIA IRVINE
129	2,804	7,609	25,674	116,387	UA/NA	UA/NA	CALIFORNIA LOS ANGELES
486	4,907	14,963	34,452	39,308	6,302	5,392	CALIFORNIA SAN DIEGO
55	1,645	UA/NA	4,573	9,058	15,801	2,772	CASE WESTERN RESERVE
22	307	4,075	21,665	22,885	8,276	1,608	CHICAGO
263	2,912	8,552	5,860	8,090	9,027	3,157	CINCINNATI
168	5,572	15,126	18,463	19,748	8,194	4,088	COLUMBIA
214	2,129	12,277	8,332	10,970	9,386	926	CONNECTICUT
177	1,193	3,261	23,725	27,622	3,199	4,150	CORNELL
197	2,191	UA/NA	14,273	19,732	5,151	10,739	DARTMOUTH
545	4,008	9,767	14,202	21,056	11,997	2,017	DUKE
322	3,704	25,570	4,501	5,138	15,189	6296	EMORY
188	3,968	21,789	18,990	36,131	8,495	11,143	FLORIDA
30	643	1,038	671	1,549	142	410	FLORIDA STATE
517	7,264	13,985	9,639	21,972	1,662	414	GEORGE WASHINGTON
505	4,200	17,309	10,909	10,909	2,600	1,001	GEORGETOWN
UA/NA	UA/NA	UA/NA	UA/NA	31,738	6,226	1,655	HARVARD
36	543	2,125	171	311	776	70	HAWAII
66	2,743	8,512	17,822	21,744	1,296	927	HOWARD
360	5,485	43,042	22,040	118,067	18,409	26,700	ILLINOIS CHICAGO
301	5,974	16,150	49,079	194,195	24,545	6,981	INDIANA
313	8,227	6,864	11,279	13,527	22,444	11,234	IOWA
118	1,338	13,098	UA/NA	14,873	8,677	4,407	KANSAS
310	2,794	9,289	14,138	22,296	7,449	6,126	KENTUCKY
11	194	UA/NA	2,880	2,880	789	618	LOUISIANA STATE
214	3,575	15,329	17,174	31,134	2,495	1,741	MCGILL
208	3,135	11,912	16,766	32,134	6,585	3,722	MCMASTER
352	2,903	9,907	6,529	10,113	17,791	1,461	MIAMI
263	4,189	21,827	43,271	43,271	18,692	4,363	MICHIGAN
239	6,308	20,792	24,760	38,325	44,262	6,374	MINNESOTA
313	3,863	9,649	21,849	43,312	7,735	1,496	MONTREAL
564	7,379	7,165	8,801	19,186	2,245	2,029	NEW MEXICO
203	2,449	14,299	14,656	17,537	13,514	9,401	NEW YORK
208	5,110	28,050	96,741	107,539	22,684	2,120	NORTH CAROLINA
192	2,490	4,016	8,047	11,634	12,824	8,612	NORTHWESTERN

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)		(26.a)	(26.b)	(26.c)	(26)	(27)	(28)
INSTITUTION	Notes						
OHIO STATE	bG+	17	17	4	38	9	99
OKLAHOMA	G+	12	20	8	40	2	109
OKLAHOMA STATE	G+	4	6	2	12	2	105
PENNSYLVANIA	+	11	13	6	30	2	100
PENNSYLVANIA STATE	bG+	6	10	3	19	3	106
PITTSBURGH	b +	27	37	6	70	9	110
QUEENS	b +	9	10	2	21	2	97
ROCHESTER	bG+	19	7	4	30	4	106
SASKATCHEWAN	+	5	6	2	13	2	89
SOUTH CAROLINA		9	7	2	18	2	88
SOUTHERN CALIFORNIA	G	15	23	7	45	5	102
SOUTHERN ILLINOIS		7	15	1	23	3	90
SUNY-BUFFALO	G+	16	9	9	34	3	104
SUNY-STONY BROOK	b	23	8	9	40	3	100
TEMPLE	G+	11	11	5	27	5	108
TENNESSEE	bG+	17	22	3	42	4	UA/NA
TEXAS TECH	b +	23	27	17	67	13	104
TULANE		6	7	5	18	1	90
UTAH	bG+	19	19	19	57	5	123
VANDERBILT	G	26	18	1	45	2	108
VIRGINIA	+	15	21	0	36	5	100
WASHINGTON		25	25	10	60	4	80
WASHINGTON U.-ST. LOUIS	bG+	25	18	3	46	4	102
WISCONSIN	bG+	18	15	9	42	1	97
YALE	G+	20	17	2	39	2	107

SUMMARY DATA

HIGH	35	46	19	78	13	168
MEAN	14	17	6	36	3	99
MEDIAN	13	15	6	34	3	99
LOW	1	2	1	6	1	40
SUM	912	1,056	336	2,304	216	5,912
NUMBER OF LIBRARIES REPORTING	64	64	56	64	62	60

+ – 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)	
(29)	(30)	(31)	(32)	(33)	(34)	(35)	(Survey Question Number)
INSTITUTION							
232	3,633	9,154	11,871	34,838	18,049	4,600	OHIO STATE
54	948	13,198	3,565	3,565	7,394	3,528	OKLAHOMA
137	709	1,583	7,406	7,406	1,456	630	OKLAHOMA STATE
147	4,905	UA/NA	13,125	21,955	5,124	20,661	PENNSYLVANIA
120	1,704	10,931	14,722	15,528	7,118	2,290	PENNSYLVANIA STATE
685	8,620	54,502	25,617	31,505	37,285	3,444	PITTSBURGH
280	2,616	6,037	9,093	9,855	5,483	2,612	QUEENS
158	1,641	8,257	4,939	6,344	4,908	5,005	ROCHESTER
281	3,174	3,394	18,520	25,716	4,100	4,700	SASKATCHEWAN
66	1,086	986	2,617	4,787	1,417	1,482	SOUTH CAROLINA
124	2,130	8,230	24,503	32,608	13,297	1,535	SOUTHERN CALIFORNIA
142	824	4,367	33,844	39,817	7,839	1,952	SOUTHERN ILLINOIS
115	2,744	8,091	14,938	34,369	12,268	5,930	SUNY-BUFFALO
294	2,829	15,956	6,330	8,857	6,975	1,255	SUNY-STONY BROOK
58	836	1,880	4,608	5,515	1,252	1,145	TEMPLE
290	3,229	18,329	875	4,089	4,816	2,483	TENNESSEE
563	3,284	20,924	30,264	83,383	5,402	3,930	TEXAS TECH
51	555	3,201	5,790	6,744	3,773	2,995	TULANE
302	3,650	52,917	11,289	12,083	11,756	6,488	UTAH
273	7,500	4,766	14,758	15,484	8,531	4,235	VANDERBILT
509	3,254	8,673	9,104	11,559	6,877	3,080	VIRGINIA
221	4,510	19,321	22,532	57,401	23,143	2,237	WASHINGTON
523	3,890	17,038	UA/NA	37,133	22,721	3,150	WASHINGTON U.-ST. LOUIS
454	5,684	9,034	19,497	110,391	17,779	17,065	WISCONSIN
836	5,707	8,737	UA/NA	23,499	12,025	11,426	YALE
SUMMARY DATA							
836	8,620	54,502	96,741	194,195	44,262	26,700	HIGH
255	3,315	12,825	16,234	29,803	9,966	4,529	MEAN
214	3,135	9,767	14,238	21,400	7,735	3,150	MEDIAN
11	194	986	171	311	142	70	LOW
16,080	208,840	756,700	974,028	1,907,409	627,881	285,296	SUM
63	63	59	60	64	63	63	NUMBER OF LIBRARIES REPORTING

* 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	HS % OF TOTAL	INSTITUTION	HS LIBRARY VOLUMES	TOTAL VOLUMES	HS % OF TOTAL
1 CHICAGO	838,529	8,597,159	9.75	33 EMORY	240,328	3,377,140	7.12
2 ILLINOIS CHICAGO	733,249	2,447,459	29.96	34 CALIFORNIA SAN DIEGO	238,391	3,372,785	7.07
3 HARVARD	686,795	16,250,117	4.23	35 ARIZONA	226,178	5,722,280	3.95
4 CALIFORNIA LOS ANGELES	665,388	8,393,910	7.93	36 SOUTHERN CALIFORNIA	221,444	4,084,284	5.42
5 MICHIGAN	556,496	9,175,102	6.07	37 TENNESSEE	220,004	3,289,447	6.69
6 MINNESOTA	548,070	6,877,699	7.97	38 NEW YORK	217,685	5,073,286	4.29
7 YALE	464,874	12,519,514	3.71	39 MIAMI	217,681	3,265,503	6.67
8 CASE WESTERN RESERVE	421,683	2,751,662	15.32	40 VANDERBILT	204,201	3,440,317	5.94
9 PITTSBURGH	392,485	5,657,403	6.94	41 PENNSYLVANIA	203,587	6,096,592	3.34
10 WASHINGTON	375,526	7,409,221	5.07	42 UTAH	199,243	3,373,141	5.91
11 CALIFORNIA DAVIS	371,289	3,683,867	10.08	43 CONNECTICUT	197,175	3,919,423	5.03
12 CALIFORNIA IRVINE	365,965	3,049,706	12.00	44 CORNELL	191,764	8,141,781	2.36
13 SUNY-BUFFALO	358,880	3,720,113	9.65	45 SASKATCHEWAN	189,297	2,029,016	9.33
14 FLORIDA	352,222	4,288,118	8.21	46 KANSAS	176,058	4,235,542	4.16
15 MCGILL	347,077	4,498,389	7.72	47 SOUTHERN ILLINOIS	171,894	3,099,151	5.55
16 COLUMBIA	341,067	10,296,816	3.31	48 TULANE	158,348	3,257,609	4.86
17 NORTH CAROLINA	339,029	6,526,824	5.19	49 NEW MEXICO	153,466	2,737,747	5.61
18 MONTREAL	337,641	3,183,053	10.61	50 BOSTON	145,199	2,783,137	5.22
19 OKLAHOMA	323,398	5,299,924	6.10	51 MCMASTER	144,915	2,280,435	6.35
20 IOWA	322,663	4,949,636	6.52	52 TEMPLE	143,569	3,205,539	4.48
21 WISCONSIN	317,232	8,059,335	3.94	53 QUEENS	142,001	2,542,264	5.59
22 TEXAS TECH	309,925	2,617,844	11.84	54 HOWARD	135,008	2,455,985	5.50
23 CINCINNATI	302,840	3,631,658	8.34	55 GEORGE WASHINGTON	130,466	2,238,894	5.83
24 DUKE	300,305	5,950,442	5.05	56 VIRGINIA	125,351	5,532,266	2.27
25 WASHINGTON U.-ST. LOUIS	298,762	4,224,113	7.07	57 SOUTH CAROLINA	116,477	3,629,954	3.21
26 NORTHWESTERN	285,547	4,842,949	5.90	58 PENNSYLVANIA STATE	111,908	5,354,645	2.09
27 OHIO STATE	283,993	6,285,446	4.52	59 GEORGETOWN	99,972	3,041,624	3.29
28 INDIANA	274,737	8,723,253	3.15	60 OKLAHOMA STATE	54,456	2,867,680	1.90
29 ROCHESTER	269,108	3,701,241	7.27	61 LOUISIANA STATE	48,774	4,082,803	1.19
30 SUNY-STONY BROOK	265,650	2,257,590	11.77	62 HAWAII	32,315	3,533,671	0.91
31 DARTMOUTH	260,937	2,785,925	9.37	63 ALABAMA	21,075	2,892,166	0.73
32 KENTUCKY	241,581	3,719,548	6.49	64 FLORIDA STATE	8,696	2,844,624	0.31

RANK ORDER TABLE 2: VOLUMES ADDED (GROSS)

INSTITUTION	HS LIBRARY VOLS ADDED	TOTAL VOLS ADDED	HS % OF TOTAL	INSTITUTION	HS LIBRARY VOLS ADDED	TOTAL VOLS ADDED	HS % OF TOTAL
1 CALIFORNIA IRVINE	32,906	79,732	41.27	33 MIAMI	2,586	76,116	3.40
2 CHICAGO	18,999	277,507	6.85	34 COLUMBIA	2,567	547,346	0.47
3 ILLINOIS CHICAGO	18,718	97,904	19.12	35 CINCINNATI	2,562	95,810	2.67
4 IOWA	9,938	185,900	5.35	36 CONNECTICUT	2,553	34,095	7.49
5 NORTH CAROLINA	9,324	126,279	7.38	37 ARIZONA	2,491	69,004	3.61
6 OKLAHOMA	7,859	257,137	3.06	38 SOUTHERN ILLINOIS	2,468	35,178	7.02
7 HARVARD	7,383	319,547	2.31	39 WISCONSIN	2,422	139,835	1.73
8 MICHIGAN	7,130	146,729	4.86	40 HAWAII	2,373	52,882	4.49
9 CALIFORNIA LOS ANGELES	6,845	121,136	5.65	41 TEMPLE	2,305	68,903	3.35
10 MCGILL	6,807	89,015	7.65	42 INDIANA	2,264	174,417	1.30
11 MINNESOTA	6,780	120,523	5.63	43 UTAH	2,208	55,501	3.98
12 OHIO STATE	5,823	161,118	3.61	44 HOWARD	2,131	24,428	8.72
13 YALE	5,488	238,862	2.30	45 KANSAS	2,094	56,777	3.69
14 SOUTHERN CALIFORNIA	5,190	58,810	8.83	46 QUEENS	1,795	42,383	4.24
15 PITTSBURGH	5,027	160,722	3.13	47 GEORGE WASHINGTON	1,735	54,595	3.18
16 TEXAS TECH	4,971	54,715	9.09	48 FLORIDA	1,629	65,257	2.50
17 WASHINGTON	4,699	139,683	3.36	49 TENNESSEE	1,474	67,867	2.17
18 CALIFORNIA DAVIS	4,177	91,692	4.56	50 BOSTON	1,422	35,581	4.00
19 CALIFORNIA SAN DIEGO	4,165	108,073	3.85	51 PENNSYLVANIA	1,410	113,609	1.24
20 DUKE	4,115	105,419	3.90	52 SUNY-BUFFALO	1,399	82,074	1.70
21 PENNSYLVANIA STATE	3,812	184,457	2.07	53 MCMASTER	1,311	178,927	0.73
22 MONTREAL	3,604	62,208	5.79	54 WASHINGTON U.-ST. LOUIS	1,302	74,408	1.75
23 ROCHESTER	3,528	38,465	9.17	55 SOUTH CAROLINA	1,188	50,393	2.36
24 NEW YORK	3,448	107,390	3.21	56 SUNY-STONY BROOK	1,064	25,594	4.16
25 CASE WESTERN RESERVE	3,422	26,072	13.13	57 NEW MEXICO	1,051	51,768	2.03
26 DARTMOUTH	3,396	58,147	5.84	58 OKLAHOMA STATE	784	71,378	1.10
27 EMORY	3,175	89,560	3.55	59 TULANE	739	113,591	0.65
28 NORTHWESTERN	3,092	79,608	3.88	60 VANDERBILT	564	59,525	0.95
29 VIRGINIA	2,978	91,904	3.24	61 GEORGETOWN	473	98,442	0.48
30 SASKATCHEWAN	2,923	31,988	9.14	62 ALABAMA	291	53,470	0.54
31 KENTUCKY	2,829	85,805	3.30	63 LOUISIANA STATE	207	37,946	0.55
32 CORNELL	2,610	126,058	2.07	64 FLORIDA STATE	127	55,821	0.23

RANK ORDER TABLE 3: CURRENT SERIALS (TOTAL)

INSTITUTION	HS LIBRARY SERIALS	TOTAL SERIALS	HS % OF TOTAL	INSTITUTION	HS LIBRARY SERIALS	TOTAL SERIALS	HS % OF TOTAL
1 SOUTH CAROLINA	28,236	63,715	44.32	33 CALIFORNIA LOS ANGELES	3,475	76,248	4.56
2 ARIZONA	21,626	88,737	24.37	34 NORTH CAROLINA	3,462	60,713	5.70
3 TEXAS TECH	18,809	66,750	28.18	35 WASHINGTON U.-ST. LOUIS	3,196	88,635	3.61
4 LOUISIANA STATE	15,744	101,738	15.48	36 OHIO STATE	3,185	89,239	3.57
5 TULANE	14,761	72,564	20.34	37 SOUTHERN CALIFORNIA	2,685	105,744	2.54
6 CHICAGO	13,817	76,607	18.04	38 GEORGE WASHINGTON	2,342	76,810	3.05
7 MIAMI	9,520	74,775	12.73	39 NEW MEXICO	2,211	71,416	3.10
8 NORTHWESTERN	9,109	77,933	11.69	40 ALABAMA	2,158	69,426	3.11
9 HOWARD	8,004	26,687	29.99	41 MICHIGAN	1,917	69,457	2.76
10 PENNSYLVANIA STATE	7,971	88,668	8.99	42 TENNESSEE	1,715	50,552	3.39
11 CONNECTICUT	7,754	61,812	12.54	43 MCGILL	1,357	75,328	1.80
12 BOSTON	7,043	56,113	12.55	44 CALIFORNIA DAVIS	1,343	59,463	2.26
13 DARTMOUTH	7,036	68,661	10.25	45 HAWAII	1,257	55,925	2.25
14 YALE	6,755	110,802	6.10	46 SOUTHERN ILLINOIS	1,182	47,871	2.47
15 TEMPLE	6,711	60,586	11.08	47 KANSAS	1,178	62,016	1.90
16 IOWA	6,522	59,442	10.97	48 DUKE	1,056	62,639	1.69
17 CALIFORNIA SAN DIEGO	6,481	52,535	12.34	49 SUNY-BUFFALO	745	80,431	0.93
18 CORNELL	6,400	98,000	6.53	50 FLORIDA STATE	646	62,093	1.04
19 ILLINOIS CHICAGO	6,233	44,614	13.97	51 FLORIDA	349	71,336	0.49
20 CALIFORNIA IRVINE	6,194	51,623	12.00	52 PENNSYLVANIA	239	73,248	0.33
21 SASKATCHEWAN	5,441	32,157	16.92	53 KENTUCKY	233	73,251	0.32
22 EMORY	5,265	54,295	9.70	54 CASE WESTERN RESERVE	204	66,625	0.31
23 INDIANA	5,209	59,924	8.69	55 CINCINNATI	UA/NA	86,363	UA/NA
24 WISCONSIN	4,956	76,808	6.45	55 COLUMBIA	UA/NA	133,831	UA/NA
25 MCMASTER	4,726	53,584	8.82	55 HARVARD	UA/NA	110,628	UA/NA
26 ROCHESTER	4,645	28,637	16.22	55 MINNESOTA	UA/NA	85,075	UA/NA
27 PITTSBURGH	4,406	59,141	7.45	55 NEW YORK	UA/NA	67,960	UA/NA
28 VANDERBILT	4,260	47,211	9.02	55 OKLAHOMA	UA/NA	63,407	UA/NA
29 SUNY-STONY BROOK	4,225	63,423	6.66	55 OKLAHOMA STATE	UA/NA	53,799	UA/NA
30 GEORGETOWN	4,119	61,257	6.72	55 QUEENS	UA/NA	55,646	UA/NA
31 MONTREAL	4,001	59,574	6.72	55 VIRGINIA	UA/NA	97,800	UA/NA
32 UTAH	3,495	48,777	7.17	55 WASHINGTON	UA/NA	61,979	UA/NA

RANK ORDER TABLE 4: TOTAL LIBRARY EXPENDITURES

INSTITUTION	HS LIBRARY EXPENDITURES	TOTAL EXPENDITURES	HS % OF TOTAL	INSTITUTION	HS LIBRARY EXPENDITURES	TOTAL EXPENDITURES	HS % OF TOTAL
1 NORTH CAROLINA	\$7,549,207	\$41,123,515	18.36	33 TEMPLE	\$3,685,944	\$22,794,168	16.17
2 PITTSBURGH	7,476,292	31,660,109	23.61	34 MONTREAL	3,681,629	30,576,387	12.04
3 HARVARD	6,932,201	117,884,297	5.88	35 GEORGE WASHINGTON	3,671,168	23,490,425	15.63
4 WASHINGTON	6,830,624	40,854,830	16.72	36 COLUMBIA	3,617,049	61,949,877	5.84
5 NEW YORK	6,379,033	44,602,730	14.30	37 CINCINNATI	3,517,952	20,205,911	17.41
6 MINNESOTA	6,068,117	40,734,045	14.90	38 OHIO STATE	3,501,129	38,473,238	9.10
7 WASHINGTON U.-ST. LOUIS	6,041,676	27,347,597	22.09	39 TENNESSEE	3,374,735	23,556,230	14.33
8 NEW MEXICO	5,772,486	24,084,535	23.97	40 KENTUCKY	3,343,407	21,414,484	15.61
9 VANDERBILT	5,766,005	24,727,583	23.32	41 QUEENS	3,181,762	19,548,008	16.28
10 SOUTHERN CALIFORNIA	5,627,297	38,393,209	14.66	42 MICHIGAN	3,157,638	51,599,110	6.12
11 CALIFORNIA LOS ANGELES	5,286,662	53,153,870	9.95	43 MCGILL	3,105,473	35,143,367	8.84
12 ILLINOIS CHICAGO	5,265,378	19,258,880	27.34	44 MCMASTER	3,053,609	17,409,428	17.54
13 YALE	5,219,741	81,457,470	6.41	45 BOSTON	2,951,748	21,007,389	14.05
14 TEXAS TECH	4,952,092	25,184,730	19.66	46 CALIFORNIA DAVIS	2,949,117	20,387,728	14.47
15 CHICAGO	4,922,937	34,585,402	14.23	47 KANSAS	2,889,787	22,432,493	12.88
16 VIRGINIA	4,655,080	35,929,803	12.96	48 GEORGETOWN	2,873,955	25,913,015	11.09
17 FLORIDA	4,488,633	28,573,302	15.71	49 IOWA	2,701,008	27,620,248	9.78
18 ARIZONA	4,424,083	31,355,788	14.11	50 CALIFORNIA IRVINE	2,683,181	22,359,838	12.00
19 WISCONSIN	4,400,081	42,879,223	10.26	51 SUNY-BUFFALO	2,648,947	20,787,929	12.74
20 MIAMI	4,240,818	27,250,844	15.56	52 CASE WESTERN RESERVE	2,624,111	13,401,474	19.58
21 UTAH	4,224,141	24,695,844	17.10	53 SASKATCHEWAN	2,370,407	17,901,568	13.24
22 EMORY	4,214,129	31,936,414	13.20	54 DARTMOUTH	2,319,536	18,767,039	12.36
23 CONNECTICUT	4,024,680	26,099,917	15.42	55 PENNSYLVANIA STATE	2,213,206	47,686,386	4.64
24 OKLAHOMA	3,982,838	22,863,907	17.42	56 HOWARD	2,005,182	10,273,315	19.52
25 DUKE	3,949,571	37,330,588	10.58	57 SOUTHERN ILLINOIS	1,889,826	15,297,899	12.35
26 CALIFORNIA SAN DIEGO	3,868,109	30,461,462	12.70	58 TULANE	1,716,401	14,177,339	12.11
27 NORTHWESTERN	3,825,773	29,147,141	13.13	59 SOUTH CAROLINA	1,525,933	19,742,585	7.73
28 PENNSYLVANIA	3,797,082	38,011,711	9.99	60 OKLAHOMA STATE	1,035,442	16,942,310	6.11
29 CORNELL	3,753,448	46,797,533	8.02	61 FLORIDA STATE	874,184	15,962,728	5.48
30 INDIANA	3,738,864	39,018,150	9.58	62 HAWAII	793,776	17,690,130	4.49
31 SUNY-STONY BROOK	3,713,076	14,311,031	25.95	63 LOUISIANA STATE	604,589	14,576,026	4.15
32 ROCHESTER	3,711,222	23,301,685	15.93	64 ALABAMA	356,092	16,623,179	2.14

RANK ORDER TABLE 5: TOTAL STAFF

INSTITUTION	HS LIBRARY STAFF	TOTAL STAFF	HS % OF TOTAL	INSTITUTION	HS LIBRARY STAFF	TOTAL STAFF	HS % OF TOTAL
1 NEW MEXICO	78	267	29.21	33 KENTUCKY	33	286	11.54
2 NEW YORK	71	458	15.50	34 COLUMBIA	32	701	4.56
2 NORTH CAROLINA	71	452	15.71	34 IOWA	32	281	11.39
4 PITTSBURGH	70	382	18.32	34 KANSAS	32	282	11.35
5 TEXAS TECH	67	332	20.18	34 MONTREAL	32	368	8.70
6 ILLINOIS CHICAGO	64	203	31.53	38 CORNELL	31	549	5.65
7 HARVARD	63	1229	5.13	38 NORTHWESTERN	31	344	9.01
8 WASHINGTON	60	523	11.47	40 CALIFORNIA IRVINE	30	248	12.10
9 UTAH	57	370	15.41	40 CONNECTICUT	30	207	14.49
10 MINNESOTA	56	394	14.21	40 PENNSYLVANIA	30	402	7.46
11 FLORIDA	53	381	13.91	40 ROCHESTER	30	213	14.08
12 ARIZONA	49	314	15.61	44 MCMASTER	29	163	17.79
13 WASHINGTON U-ST. LOUIS	46	266	17.29	45 CINCINNATI	27	182	14.84
14 MICHIGAN	45	570	7.89	45 DARTMOUTH	27	205	13.17
14 SOUTHERN CALIFORNIA	45	374	12.03	45 TEMPLE	27	209	12.92
14 VANDERBILT	45	241	18.67	48 BOSTON	26	285	9.12
17 TENNESSEE	42	268	15.67	48 CHICAGO	26	323	8.05
17 WISCONSIN	42	553	7.59	48 GEORGETOWN	26	258	10.08
19 CALIFORNIA LOS ANGELES	41	597	6.87	48 HOWARD	26	176	14.77
20 OKLAHOMA	40	232	17.24	52 CASE WESTERN RESERVE	25	131	19.08
20 SUNY-STONY BROOK	40	147	27.21	53 MCGILL	24	294	8.16
22 YALE	39	735	5.31	54 SOUTHERN ILLINOIS	23	202	11.39
23 DUKE	38	363	10.47	55 QUEENS	21	169	12.43
23 GEORGE WASHINGTON	38	286	13.29	56 PENNSYLVANIA STATE	19	608	3.13
23 INDIANA	38	470	8.09	57 SOUTH CAROLINA	18	278	6.47
23 MIAMI	38	277	13.72	57 TULANE	18	147	12.24
23 OHIO STATE	38	470	8.09	59 SASKATCHEWAN	13	151	8.61
28 VIRGINIA	36	379	9.50	60 OKLAHOMA STATE	12	213	5.63
29 CALIFORNIA SAN DIEGO	35	367	9.54	61 FLORIDA STATE	7	248	2.82
30 CALIFORNIA DAVIS	34	249	13.65	61 HAWAII	7	236	2.97
30 EMORY	34	296	11.49	61 LOUISIANA STATE	7	192	3.65
30 SUNY-BUFFALO	34	250	13.60	64 ALABAMA	6	202	2.97

RANK ORDER TABLE 6: TOTAL ELECTRONIC RESOURCES EXPENDITURES

INSTITUTION	HS LIBRARY E-RESOURCES	TOTAL E-RESOURCES	HS % OF TOTAL	INSTITUTION	HS LIBRARY E-RESOURCES	TOTAL E-RESOURCES	HS % OF TOTAL
1 PITTSBURGH	\$3,630,505	\$9,577,575	37.91	33 OHIO STATE	\$1,202,839	\$6,590,172	18.25
2 VANDERBILT	2,684,067	7,616,980	35.24	34 MCMASTER	1,194,190	5,302,647	22.52
3 CHICAGO	2,379,664	5,767,694	41.26	35 CASE WESTERN RESERVE	1,149,537	3,517,639	32.68
4 NORTH CAROLINA	2,368,813	5,149,059	46.00	36 PENNSYLVANIA STATE	1,144,233	10,324,719	11.08
5 YALE	2,206,184	7,355,032	30.00	37 OKLAHOMA	1,125,816	4,579,054	24.59
6 SOUTHERN CALIFORNIA	2,201,458	5,939,554	37.06	38 VIRGINIA	1,123,193	5,761,823	19.49
7 NEW YORK	2,156,124	9,226,060	23.37	39 TULANE	1,098,878	4,459,650	24.64
8 WASHINGTON	2,138,052	7,513,531	28.46	40 EMORY	1,007,182	4,513,037	22.32
9 PENNSYLVANIA	2,014,996	6,792,252	29.67	41 NEW MEXICO	983,399	5,313,948	18.51
10 MINNESOTA	1,993,290	8,074,528	24.69	42 CINCINNATI	982,869	5,601,049	17.55
11 TEMPLE	1,966,665	6,601,957	29.79	43 CALIFORNIA DAVIS	944,934	4,387,167	21.54
12 NORTHWESTERN	1,917,956	7,197,977	26.65	44 TENNESSEE	943,454	5,643,552	16.72
13 FLORIDA	1,907,151	5,681,228	33.57	45 CORNELL	908,436	7,041,326	12.90
14 TEXAS TECH	1,819,748	4,928,468	36.92	46 MCGILL	890,608	8,887,022	10.02
15 INDIANA	1,814,470	6,587,019	27.55	47 KANSAS	864,790	4,931,383	17.54
16 WASHINGTON U.-ST. LOUIS	1,749,538	6,779,568	25.81	48 DARTMOUTH	864,486	5,244,385	16.48
17 COLUMBIA	1,710,408	10,730,848	15.94	49 BOSTON	854,166	3,362,031	25.41
18 HARVARD	1,706,186	8,300,095	20.56	50 HOWARD	825,681	2,075,989	39.77
19 ROCHESTER	1,645,051	3,531,633	46.58	51 UTAH	816,470	2,077,201	39.31
20 GEORGE WASHINGTON	1,534,006	2,391,699	64.14	52 SUNY-BUFFALO	709,468	5,477,759	12.95
21 GEORGETOWN	1,519,009	4,173,607	36.40	53 IOWA	699,677	6,293,902	11.12
22 QUEENS	1,494,741	5,671,832	26.35	54 SOUTH CAROLINA	671,541	4,912,821	13.67
23 WISCONSIN	1,452,501	5,364,822	27.07	55 CALIFORNIA IRVINE	566,952	4,724,596	12.00
24 CALIFORNIA SAN DIEGO	1,437,284	5,283,923	27.20	56 MICHIGAN	554,860	7,734,012	7.17
25 ILLINOIS CHICAGO	1,412,510	4,646,070	30.40	57 FLORIDA STATE	545,102	5,306,200	10.27
26 MIAMI	1,399,225	6,944,791	20.15	58 HAWAII	415,330	3,498,685	11.87
27 SUNY-STONY BROOK	1,398,757	3,943,945	35.47	59 LOUISIANA STATE	382,000	4,272,575	8.94
28 CONNECTICUT	1,345,007	5,410,421	24.86	60 OKLAHOMA STATE	204,462	UA/NA	UA/NA
29 MONTREAL	1,341,967	6,666,762	20.13	61 SOUTHERN ILLINOIS	143,050	3,928,326	3.64
30 KENTUCKY	1,324,096	6,138,460	21.57	62 ALABAMA	63,322	4,037,173	1.57
31 ARIZONA	1,219,132	7,346,049	16.60	63 CALIFORNIA LOS ANGELES	UA/NA	4,862,032	UA/NA
32 DUKE	1,216,650	8,001,083	15.21	63 SASKATCHEWAN	UA/NA	5,541,661	UA/NA

ARL STATISTICS QUESTIONNAIRE, 2007–2008

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/>). ARL has been modifying the interpretation of the standard definitions to address questions posed by 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 US 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, 2008**. If your fiscal year is different, please indicate this in the notes below by adjusting the reporting period.

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

Specific Instructions

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

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

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

Include government document volumes that are accessible through the library's catalogs regardless of whether they are separately shelved. “Classified” includes documents arranged by Superintendent of Documents, CODOC, or similar numbers. “Cataloged” includes documents for which records are provided by the library or downloaded from other sources into the library's card or online catalogs. Documents should, to the extent possible, be counted as they would if

they were in bound volumes (e.g., 12 issues of an annual serial would be one or two volumes). Title and piece counts should not be considered the same as volume counts. If a volume count has not been kept, it may be estimated through sampling a representative group of title records and determining the corresponding number of volumes, then extrapolating to the rest of the collection. As an alternative, an estimate may be made using the following formulae:

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

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 2007–2008, 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 adapted from AACR2 for a serial:

A bibliographic resource issued in a succession of discrete parts, usually bearing numbering, that has no predetermined conclusion. Examples of serials include journals, magazines, electronic journals, continuing directories, annual reports, newspapers, and monographic series.

Report the total number of **unique** serial titles, NOT SUBSCRIPTIONS, that you currently acquire and to which you provide access. Do not include duplicate counts of serial titles. Report each title once, regardless of how many subscriptions or means of access you provide for that title. Exclude unnumbered monographic and publishers' series. Electronic serials acquired as part of a bundle or an aggregated package should be counted at the title level, even if they are not cataloged, as long as the title is made accessible directly by the library (e.g., through a finding aid). If access is provided only through the overall platform or aggregator, do not report the individual titles but count the package as a single title.

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. Report other titles that your library receives and does not pay for directly under 'serial titles received but not purchased.' These titles may include exchanges, gifts, etc.

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.' If within a purchased or aggregated package it cannot be determined that some titles are not purchased, report all titles as purchased.

Freely accessible titles are those your library provides direct access to via cataloging records or through online serial lists of other finding aids.

To the extent possible, report all government document serials separately in 4b.iv.

If separate counts of non-purchased 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 non-print 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 US 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 US dollars, divide Canadian dollar amounts by 1.0101, the average monthly noon exchange rate published in the Bank of Canada *Review* for the period July 2007–June 2008.) **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 2007–2008 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. PhD Degrees. Report the number awarded during the 2007–2008 fiscal year. Please note that only the number of **PhD** degrees are to be counted. Statistics on all other advanced degrees (e.g., DEd, DPA, MD, JD) should not be reported in this survey. If you are unable to provide a figure for PhDs only, please add a footnote.

Question 37. PhD Fields. For the purposes of this report, PhD fields are defined as the specific discipline specialties enumerated in the US 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 PhDs are awarded should be reported on the ARL questionnaire. Any exceptions should be footnoted.

Question 38. Instructional Faculty. Instructional faculty are defined by the US Department 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 2006–2007 (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. US libraries should use the Fall 2007 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 “Data Repository” after you login into www.arlstatistics.org. 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, 2009.**

For assistance, please e-mail Martha Kyrillidou (martha@arl.org) or Les Bland (les@arl.org)
Tel. (202) 296-2296.

ARL STATISTICS WORKSHEET 2007–2008

This worksheet is designed to help you plan your submission for the 2007–2008 *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, 2008 (1a + 1b) (1) _____

1a. Volumes held June 30, 2007 (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

SERIALS

4. Total number of serial titles currently received, including periodicals (4.a + 4.b) (4) _____

4a. Number of serial titles currently purchased (4a.i + 4a.ii) (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.i + 4b.ii + 4b.iii + 4b.iv) (4b) _____

4b.i Consortial (4b.i) _____

4b.ii Freely accessible (4b.ii) _____

4b.iii Print (and other format) – *Exchanges, gifts, etc.* (4b.iii) _____

4b.iv Government documents (4b.iv) _____

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) _____

PhD DEGREES AND FACULTY

36. Number of PhDs awarded in FY2007–2008 (36) _____

37. Number of fields in which PhDs can be awarded (37) _____

38. Number of full-time instructional faculty in FY2007–2008 (38) _____

ENROLLMENT – FALL 2007

(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 2006–2007* 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, 2009**.

For assistance, please e-mail Martha Kyrillidou (martha@arl.org) or Les Bland (les@arl.org)
Tel. (202) 296-2296.

FOOTNOTES

Footnotes may also include errata and corrections to data not previously reported from prior years. Numbers refer to columns in Library Data Tables and to Questionnaire numbers. Unless otherwise noted, all figures are as of 06/30/2008.

QUESTION NUMBER	FOOTNOTE
ALABAMA	
	All figures are as of 09/30/2008.
1a	Volumes held 30 June 2007 revised to 20,791. Difference in 2006–2007 volumes held 9/30/2007 (17,857) and 2007–2008 volumes held 9/30/2007 (20,791) due to adjustments to problem records in ILS.
4a	The number of serials titles currently purchased (197) is composed of (4ai) electronic: 109 and (4aii) print: 88. Both (4ai) and (4aii) were changed to UA/NA so that the operating system could aggregate other figures from the Alabama law and main library surveys.
4b	All 1,961 serials that are received, but not purchased, are from (4bii) freely accessible. This response was marked UA/NA so that the operating system could aggregate other figures from the Alabama law and main library surveys.
15d	Includes memberships.
19	Includes bibliographic utilities and literature searching.
ARIZONA	
	Library branches included: Arizona Health Sciences Library-Phoenix.
1a	Volumes held 30 June 2007 revised to 223,687.
1bi	Number is net volumes added.
1bii	Volumes withdrawn figure is not available.
4ai	E-journal management tools were implemented during 2007–2008 and it became possible to identify and track journal titles that are provided to users that were not easily available for inclusion in journal title counts done in earlier years. Additionally, a number of electronic biomedical (broadly defined) journals are from all libraries on campus (not just Arizona Health Science Library).
13	Includes bibliographic record types of video/film in both Tucson and Phoenix branches.
19	Includes ERE expenditures of \$646,644.89.
23a	\$6,718 represents charges from AMIGOS. However, charges are more than offset by credits; e.g., credits received for what we contribute to OCLC database/ILs amounted to \$12,384.
23b	This figure includes AZHIN dues.
25	Includes all expenses, except personnel costs, which are only partially reflected.
27	Information desk, Copy Technology Services desk, Phoenix desk are included.
29	Includes education and outreach group teaching.
30	Includes participants in education sessions only.
CALIFORNIA, DAVIS	
	Library branches included: Carlson Health Sciences Library and Blaisdell Medical Library.
1b-1bi	A combination of weeding due to moving into new space to make room for growth and reduced spending contributed to the net reduction of volumes in the library.
4-4a	New California Digital Library packages and associated content was added.
4b	Addition of government resources, free internet resources cataloged.
8	Increase due to more CD's and DVD's accompanying print materials and software programs added to support School of Medicine curriculum.
15a	Reduced book expenditures for this period.
26a	Number reported 2006–2007 was not correct, should have been 10 not 8. No variance in this number.
26c	The health sciences technical services operations were integrated as part of a campus library reorganization of technical services functions thus decreasing the number of students required.
29	Reflects increased number of requests for educational sessions by the School of Medicine.

CALIFORNIA, DAVIS, cont.

- 32-33 The new library facility in Sacramento is now part of a medical education building, so is more convenient for the library's clientele. Thus, more individuals are borrowing the materials.
- 34 In years prior to 2007–2008 requests were low because the electronic formats of journals did not show in SERHOLD for UC-Davis. We had canceled the print versions in earlier years, but did not update SERHOLD to include the electronic formats.
- 36-42 This item is reported as an overall total for all libraries across campus on the Main Library Section.

CALIFORNIA, IRVINE

- 1a Volumes held 30 June 2007 revised to 333,471.

CALIFORNIA, LOS ANGELES

- 4 This figure is repeated from the previous year (2006–2007). UCLA has not yet determined accurate counts for subscription titles that are obtained without cost via the internet, since these titles do not have order records in UCLA's bibliographic database. Because there is a significant increase in these titles, UCLA is devoting efforts to capturing this information in a systematic and reliable way for the next annual statistical report.
- 27 Included in the General Library count (see 2007–2008 ARL Statistics). The Medical Library has 1 service point and is open for 97 hours weekly.

CALIFORNIA, SAN DIEGO

Library branches included: Biomedical Library, Medical Center Library.

- 38 Full-time instructional faculty figures for UCSD are for the whole university and are included in the 2007–2008 ARL Statistics.

CASE WESTERN RESERVE

- 4ai The Health Sciences Library also has access to 50,986 e-journals that are reported in the main library's statistics (see 2007–2008 ARL Statistics).

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.

- 1b-1bi Number of volumes added during 2006–2007 was anomalously high. Current value (2007–2008) is close to the average reported over the past five years.
- 4-4a More accurate data were available this year (2007–2008); it is likely that 2006–2007's estimates were low.
- 12-13 Expenditures for these materials are centralized and cannot be disaggregated.
- 15-15b More accurate data collection was available during 2007–2008 that allowed better separation of health-science-only expenditures.
- 15c More accurate data collection was available for 2007–2008 that allowed better separation of health-science-only expenditures. It is not possible to completely separate health science library expenditures from other science expenditures, and it is likely that this number contains expenditures for non-health science materials.
- 18 Fringe benefits are included.
- 20 Significant differences in (15) account for variance in total collection expenditures.
- 23a-23b Expenditures for these materials are centralized and cannot be disaggregated.
- 34-35 More accurate reporting was available through ILLIAD interlibrary loan management system.

CINCINNATI

- 1a Volumes held 30 June 2007 revised to 304,892.
- 1bii The monograph collection was weeded prior to move.
- 4 Serials not reported separately from total university count.
- 16 This decrease reflects the purchase of fewer print journals and less binding when we have archival rights to an electronic journal title.
- 17 This decrease reflects a reorganization that separated what was formerly a combined Health Science Library (HSL) and IT organization. The HSL is now integrated into the central library system administratively and operationally as it originally was until 1972.
- 19-20 This decrease reflects the reorganization mentioned in (17).
- 26 This decrease reflects a reorganization that separated what was formerly a combined HSL and IT organization. The HSL is now integrated into the central library system administratively and operationally as it originally was until 1972.
- 31 This decrease reflects not providing chat reference services this year (2007–2008).

COLUMBIA

- 1 The Augustus C. Long Health Sciences Library has been undergoing major renovation since 2007 to free up space for a new Learning Center. This has required us to remove most of the printed library collection. However, there has been no loss of access to our collection. The library has retained approximately 340K volumes which have been moved to an off-site location. We weeded out-of-scope materials of the medical library collection, de-duped the basic science materials from the collection if available in another Columbia University Library, and most of the journal subscriptions (in-scope materials) were converted to electronic if the source was reliable and retention of paper was no longer needed.
- 4 Included in Butler Library statistics (see 2007–2008 ARL Statistics).
- 25 Actual number for Health Sciences Library is \$8,609; number is marked UA/NA in order to submit correct overall number for Columbia (see footnote for (25) in the 2007–2008 ARL Statistics).
- 26 Increase in staff is due to the library renovation, wherein the need for temporary staff to help out with the barcoding of printed materials before moving to off-site storage.

CORNELL

- 1a Volumes held 30 June 2007 revised to 189,422. Change in volumes held June 30, 2007 reflects the fact that additional e-books were counted.
- 4 This is an estimate only. Approximately 870 were estimated to be non-current e-titles.
- 17,26 Several staff members were on medical leave during 2007–2008.
- 38 Decrease from 2006–2007 reflects a more accurate count.

DARTMOUTH

Library branches included: Dana Biomedical Library, Matthews-Fuller Health Sciences Library.

- 4 Count of serials titles for 2007–2008 was made using a different source, which we believe is more accurate.

DUKE

Library branches included: this survey includes the Medical Center Library only.

- 36-42 This data is reported in the Main Library survey (see 2007–2008 ARL Statistics).

EMORY

All figures are as of 08/31/2008.

Library branches included: Grady Branch Library, Emory Hospital Branch Library.

- 4aai Number represents print only titles.
- 12 A library branch was left out of count for prior year (2006–2007).

FLORIDA

- 1a Volumes held 30 June 2007 revised to 352,466.
- 4ai This number is reported by the main academic library (see 2007–2008 ARL Statistics).
- 18 Fringe benefits are included.

FLORIDA STATE

- 4aai Some serials counted in this category are now counted in a new or different category.
- 17b Support staff were not given raises for 2007–2008.
- 19 The increase in this category is due to small increases across several expenditure categories: interlibrary loan, recruitment to fill open positions, travel, telecommunications, and costs related to library renovation services from vendor.
- 20 Large increase in this category due to the purchasing of e-books as opposed to leasing arrangement in 2006–2007.
- 41 The 2006-2007 number was incorrect. The correct number is 13.

GEORGE WASHINGTON

- 1 129,526 was the figure determined by the library.
- 1a Number from previous statistics is 10 higher—129,536.
- 8,11-12 Changes from 2006–2007 due to weeding project, that occurred during July-August 2007.
- 23a Different calculation method was used than the one used previously.
- 28 The calculation for 2006–2007 only represented a portion of total public service hours and was thus incorrectly low.
- 29 2006–2007's number of library presentations to groups was incorrectly calculated and omitted our involvement in a year-long class.

GEORGE WASHINGTON, cont.

- 34 Number continues to decrease due to increased availability of journals in electronic format.

HARVARD

- 1a Volumes held 30 June 2007 revised to 681,657.
- 4 Total number of unduplicated current serials titles received, including periodicals, is approximately 2,300.
- 15c,21 Increase reflects change in accounting practice and deferred 2006–2007 purchases pending appointment of Collections Manager.

HAWAII

Library branches not included: University of Hawaii at Manoa Library (main); William S. Richardson School of Law Library.

HOWARD

- 1a Volumes held 30 June 2007 revised to 133,916.
- 4ai Include counting individual titles in databases (e.g., ScienceDirect), for which there is a record in the OPAC.

ILLINOIS, CHICAGO

Library branches included: Libraries of the Health Sciences in Chicago, Rockford, Peoria and Urbana.

Library branches not included: Richard J. Daley Library, Science Library.

- 9-11 Figure included in main library (Daley) 2007–2008 ARL Statistics.
- 16 The Library of the Health Sciences reported \$36,268 spent on contract binding during 2007–2008. This question has been marked UA/NA so that the subtotals from the medical library correcting aggregate in the 2007–2008 ARL statistics publication (note contract binding (16) is marked UA/NA in the main library survey— see 2007–2008 ARL Statistics).
- 35 Figure reported for 2006–2007 were incorrect. 39,349 was the correct figure for 2006–2007.
- 38-42 Included in main library report (see 2007–2008 ARL Statistics).

INDIANA

- 1 86 e-books included in count: Ovid, StatRef and 9 miscellaneous.
- 1a Volumes held 30 June 2007 revised to 278,471.

KANSAS

Library branches included: Dykes Medical Center Library.

- 1bii We went through a systematic project in 2006–2007 to remove materials. The numbers for 2007–2008 reflect more normal levels of withdrawn materials.
- 15a Funds reallocated from monograph purchases to support serials.
- 17a Added staff as a consequence of several successful grant applications.
- 17c Temporary “bump” in student funding, some of which was used to pay for night supervisors.
- 26c See comments for (17c).
- 34 In the past we were only reporting print holding to Docline. As our print collection was reduced (see comments to (1bii)) so were our lending requests. We have started to add our online holding to Docline.

KENTUCKY

- 4a Total represents print journals only. Medical Center e-journals are included in Main Library total (see 2007–2008 ARL Statistics).
- 4ai Unable to produce a separate total for Medical Center Library e-journals. Health Science e-journals are included in the total submitted for the Main Library (see 2007–2008 ARL Statistics).
- 4bi-4bii Not able to break out separate total for Health Sciences. Included in total submitted for Main Library (see 2007–2008 ARL statistics).

LOUISIANA STATE

All health science libraries are included.

MCGILL

Library branches included: Life Sciences Library and Osler Library (History of Medicine).

- 4ai Statistics by location for e-journals are not kept.
- 4bii These freely accessible serials are only in print format.

MCGILL, cont.

- 15-25 Expenditures as reported in Canadian dollars: (15a) 731,699; (15b) 1,025,370; (15c) 8,819; (15d) 0; (15) 1,765,888; (16) 11,035; (17a) 654,779; (17b) 597,766; (17c) 60,404; (17) 1,312,949; (19) 46,966; (20) 3,136,838; (21) 137,101; (22) 762,502; (23a) 0; (23b) 0; (24) 0; (25) 0.

MCMASTER

All figures are as of 04/30/2008.

- 15-25 Expenditures as reported in Canadian dollars: (15a) 266,037; (15b) 1,249,889; (15c) 0; (15d) 41,229; (15) 1,557,155; (16) 245; (17a) 580,774; (17b) 758,615; (17c) 29,137; (17) 1,368,526; (19) 158,524; (20) 3,084,450; (21) 105,500; (22) 1,100,751; (23a) 25,000; (23b) 0; (24) 40,000; (25) 56,000.

MIAMI

- 8 Medical library computer files are reported in (13).
- 13 Medical library audiovisual materials (10-13) and computer files (8) are reported in (13).
- 17a Excludes medical library director's salary.
- 26a Includes only medical library faculty. In years prior to 2007–2008 all non-faculty professional staff were reported in (26a); in 2007–2008 they are reported in (26b).
- 26b Includes both support and non-faculty professional staff. In years prior to 2007–2008 all non-faculty professional staff in the medical library were reported in (26a).
- 36-42 Institutional-level data reported in 2007–2008 ARL Statistics.

MINNESOTA

Veterinary Medical Library is included in Health Sciences statistics.

- 1a Volumes held 30 June 2007 revised to 544,335.
- 11 Breakdown for main library is unavailable; therefore, breakdown has not been entered for branches to avoid distortion. Breakdown for Health Sciences is: Graphic: 53; Audio: 66; Video: 2,377.

MONTREAL

- 15-25 Expenditures as reported in Canadian dollars: (15a) 100,302; (15b) 1,883,671; (15c) 0; (15d) 0; (15) 1,983,973; (16) 16,626; (17a) 659,709; (17b) 1,058,505; (17c) 0; (17) 1,718,214; (19) 0; (20) 3,718,813; (21) 0; (22) 1,355,521; (23a) 0; (23b) 0; (24) 0; (25) 0.

NEW MEXICO

Library branches included: University of New Mexico Health Sciences Library.

- 23a This increase reflects a change in methodology for calculating consortial expenditures to include internal and external spending on electronic journals, monographs, databases and bibliographic utilities.

NEW YORK

- 1a Volumes held 30 June 2007 revised to 227,233.

NORTH CAROLINA

- 1a Volumes held 30 June 2007 revised to 330,019. Reduced by 15,161 to correct flawed count in 2006–2007.
- 21 The increase is due to several major journal backfile (one-time) purchases made in 2007–2008, plus a one-time payment to Nature Publishing Group, on behalf of TRLN, to buy out their annual maintenance fees for their entire journal package.
- 36-42 See "University Library" in ARL 2007–2008 Statistics for institutional totals for questions 36-42.

NORTHWESTERN

All figures are as of 08/31/2008.

OHIO STATE

- 23b Inseparable from total university libraries figure of \$1,185,462.

OKLAHOMA

- 4a-4ai Inclusion of Law Integrating Resources. Serials statistics are reported as de-duped for all libraries.
- 4aii-4bi Serials statistics are reported as de-duped for all libraries following ARL Best Practices.

OKLAHOMA STATE

- 1a Volumes held 30 June 2007 revised to 53,890. During summer 2008, the library did a physical volume count and changed the end count reported in 2006–2007 from 58,875 to 53,890 for a decrease of 4,985 volumes.
- 18 Fringe benefits are included.

PENNSYLVANIA

- 4 This number does not fully reflect serials available to the medical community at Pennsylvania, as the overwhelming count of serials for medicine are electronic and are included in the electronic serials counts for the institution.

PENNSYLVANIA STATE

Library branches included: Milton S. Hershey Medical Center College of Medicine Harrell Library Hershey, Pennsylvania

- 1a Volumes held 30 June 2007 revised to 108,128.
- 21 The decrease is due to the Medical Library not purchasing any backfiles during 2007–2008.
- 29-30 A library education team was initiated and all librarians now teach and make presentations to groups.
- 34-35 Interlibrary loans increased when online subscriptions with ILL permissions were added to Serhold and OCLC holdings.

PITTSBURGH

Library branches included: health sciences libraries.

- 1 Does not include e-books; additionally, this figure is partly based on an estimate.
- 1a Volumes held 30 June 2007 revised to 392,609. Number submitted 2006–2007 included error.
- 15d This is a much larger figure than 2006–2007 because it includes some electronic resources.

QUEENS

All figures are as of 04/30/2008.

Library branches included: Bracken Library, Health Science Library.

- 4-4biv Included in the main library survey (see the 2007–2008 ARL Statistics).
- 5-11 Included in main library survey (see the 2007–2008 ARL Statistics).
- 15-25 Expenditures as reported in Canadian dollars: (15a) 145,420; (15b) 1,685,116; (15c) 4,012; (15d) 0; (15) 1,834,548; (16) 9,124; (17a) 666,469; (17b) 465,889; (17c) 36,939; (17) 1,169,297; (19) 200,929; (20) 3,213,898; (21) 0; (22) 1,509,838; (23a) 0; (23b) 0; (24) 0; (25) 0.
- 17a Salaries for professional staff paid through external funding were not included in 2006–2007's salary total, although the FTE included these positions. This year (2007–2008), the associated salaries were included.
- 21-25 Included in main library survey (2007–2008 ARL Statistics).
- 36-37 Information for (36) and (37) as of November 2007.
- 38 Information is as of October 2007.
- 39-42 Information is as of November 2007.

ROCHESTER

Library branches included: Edward G. Miner Library, University of Rochester Medical Center; Basil G. Bibby Library, Eastman Dental Center.

- 4 Sum of print-only serials (139) and the e-journals included in the Health Sciences & Life Sciences categories of SFX.
- 8 Includes non-local computer files purchased by Miner library. This number is down from 2006–2007 because many of the old Macintosh educational software programs have been removed from Macs in our Computing Center.

SASKATCHEWAN

All figures are as of 04/30/2008.

- 15b Includes provincial funding of \$1,373,027 (Canadian). Expenditures for 2007–2008 compared to 2006–2007 were lower due to timing of invoices received, and the strength of the Canadian dollar.
- 17a Includes \$226,432 from provincial grant 2007–2008.
- 26a Includes four Librarians funded from a provincial grant in 2007–2008.
- 15-25 Expenditures as reported in Canadian dollars: (15a) 180,131; (15b) 1,576,247; (15c) 0; (15d) 0; (15) 1,756,378; (16) 8,038; (17a) 330,188; (17b) 241,570; (17c) 58,174; (17) 629,932; (19) 0; (20) 2,394,348; (21) 0; (22) 0; (23a) 0; (23b) 0; (24) 0; (25) 0.

SUNY-BUFFALO

- 4ai-4bii Included in main library survey response (see 2007–2008 ARL Statistics).
- 23a Included in main library survey response (see 2007–2008 ARL Statistics).
- 23b This information is unavailable.
- 24 Included in main library survey response (see 2007–2008 ARL Statistics).

SUNY-BUFFALO, cont.

- 25 Figures are unavailable.
- 36-42 Included in main library survey response (2007–2008 ARL Statistics).

TEMPLE

- Library branches included: Included: Charles Krauze Library- School of Podiatric Medicine Library and HSC Library South (College of Allied Health, Pharmacy, Dental and Nursing).
- 21 Significant one-time purchases made of journal backfiles in medicine and health professions.

TENNESSEE

- Library branches included: Health Sciences Library, Memphis; Preston Medical Library; and the Knoxville part of College of Medicine in Memphis.
- 1a Volumes held 30 June 2007 revised to 219,841. It was adjusted for Health Sciences Library-Memphis from 197,202 to 197,411 to capture the number of e-books held, which was inadvertently omitted in 2006–2007.
- 4a Before de-duplication: medical titles purchased: electronic 5,389, print 251, total 5,640.
- 4b Before de-duplication: medical titles not purchased: 4,362
- 28 Health Sciences Library-Memphis is open 93 hours and Preston Medical Library is open 42.5 hours, but occurrence is within the 148 hours of operation for the University Libraries.
- 32 In 2007–2008, Health Sciences Library-Memphis did not estimate initial circulations as in previous years, so there is a drop in the total. The 2007–2008 total includes only the Preston Medical Library.
- 37 Footnote: In 2006–2007 the UT Health Sciences PhD programs were omitted.

TEXAS TECH

- All figures are as of 08/31/2008.
- Library branches included: 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.
- 15d The establishment of the new El Paso four-year medical school library is the reason for such a significant increase in our miscellaneous expenses listed here. 2007–2008 was the first year of funding for this new library.

UTAH

- 15c The answer to (15c) and (15d) were combined in calculation for 2006–2007. The correct amount for (15c) is 53,883.
- 15d See note for (15c). The correct amount for (15d) in 2006–2007 is 5,242.
- 17 Corrected amount for 2006–2007 is 1,733,550.
- 17a Salaries on projects were not included in 2006–2007. Correct amount should have been 879,023.
- 17b Salaries paid from projects not included in 2006–2007. Corrected amount is 666,009.
- 19 In 2006–2007 this amount was incorrectly calculated. The high number incorporated salaries from projects, including that from our donor's salary and benefits. Those numbers should have been excluded to obtain the correct calculation of \$1,503,275.
- 20 Corrected the amount to answers (17) and (20) to obtain the proper total library expenditures: \$4,528,779 for the 2006–2007 survey.
- 23a In 2006–2007 an amount was reported here that should have been (23b). It was from an external source and should have been 0.
- 23b See note on (23a). Correction of amount listed in (23a) for 2006–2007 (20,936). The amount double counted a credit that was already included. This number should have been 21,077 for 2006–2007.
- 24 The figure reported in 2006–2007 was miscalculated. It should have been 101,514.
- 26a RML liaisons have (mistakenly) not been included in this number. They will be added from in future reports.
- 26b 2006–2007's number was high-- some people paid from projects had FTE that was counted twice. The correct number is 19.
- 34 The number reported for 2006–2007 included document delivery and campus requests.

VIRGINIA

- Health Sciences Library branches are included.
- 1 Includes 981 e-books.
- 1bi Includes 152 e-books.
- 1bii Includes 31 e-books.
- 2 Includes 181 e-books.

VIRGINIA, cont.

- 4 The serials figures for all University of Virginia libraries are reported on the University Library survey (2007–2008 ARL Statistics) only.
- 36-42 Reported for all University of Virginia libraries on the University Library survey (see 2007–2008 ARL Statistics).

WASHINGTON U.-ST. LOUIS

- 1 Includes electronic books.
- 18 Fringe benefits are included.

WISCONSIN

- Library branches included: Health Sciences Library (Ebling Library).
- 36-42 Numbers reported for entire University of Wisconsin-Madison campus, regardless of discipline affiliation, school or college.

YALE

- 23a In 2006–2007, we erroneously reported consortial purchases which should have been reported in (21) or (22).
- 31 2006–2007's calculation (13,599) was incorrect; it should have been 11,839.

ARL MEMBER LIBRARIES AS OF JANUARY 1, 2009

The Association of Research Libraries (ARL) represents the interests of 123 libraries that serve major North American research institutions. The ARL Statistics and Measurement program is organized around identifying, collecting, analyzing, and distributing quantifiable information describing the characteristics of research libraries.

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

Institution	Category	Full Name of Institution	Location
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
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

Institution	Category	Full Name of Institution	Location
Rutgers	S	Rutgers University	New Brunswick, New Jersey
Saskatchewan	C	University of Saskatchewan	Saskatoon, Saskatchewan
South Carolina	S	University of South Carolina	Columbia, South Carolina
Southern California	P	University of Southern California	Los Angeles, California
Southern Illinois	S	Southern Illinois University	Carbondale, Illinois
SUNY-Albany	S	University at Albany, State University of New York	Albany, New York
SUNY-Buffalo	S	University at Buffalo, State University of New York	Buffalo, New York
SUNY-Stony Brook	S	State University of New York at Stony Brook	Stony Brook, New York
Syracuse	P	Syracuse University	Syracuse, New York
Temple	S	Temple University	Philadelphia, Pennsylvania
Tennessee	S	University of Tennessee	Knoxville, Tennessee
Texas	S	University of Texas	Austin, Texas
Texas A&M	S	Texas A&M University	College Station, Texas
Texas Tech	S	Texas Tech University	Lubbock, Texas
Toronto	C	University of Toronto	Toronto, Ontario
Tulane	P	Tulane University	New Orleans, Louisiana
Utah	S	University of Utah	Salt Lake City, Utah
Vanderbilt	P	Vanderbilt University	Nashville, Tennessee
Virginia	S	University of Virginia	Charlottesville, Virginia
Virginia Tech	S	Virginia Polytechnic Institute & State University	Blacksburg, Virginia
Washington	S	University of Washington	Seattle, Washington
Washington State	S	Washington State University	Pullman, Washington
Washington U.-St. Louis	P	Washington University	St. Louis, Missouri
Waterloo	C	University of Waterloo	Waterloo, Ontario
Wayne State	S	Wayne State University	Detroit, Michigan
Western Ontario	C	University of Western Ontario	London, Ontario
Wisconsin	S	University of Wisconsin	Madison, Wisconsin
Yale	P	Yale University	New Haven, Connecticut
York	C	York University	North York, Ontario
Boston Public Library	N	Boston Public Library	Boston, Massachusetts
Canada Inst. SciTech Info.	X	Canada Inst. for Scientific & Technical Information	Ottawa, Ontario
Center for Research Libraries	N	Center for Research Libraries	Chicago, Illinois
Library of Congress	N	Library of Congress	Washington, DC
National Agricultural Library	N	National Agricultural Library	Beltsville, Maryland
Library and Archives Canada	X	Library and Archives Canada	Ottawa, Ontario
Naionat. 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

S: US public university
 P: US private university
 C: Canadian university
 N: US nonuniversity
 X: Canadian nonuniversity

