

RANK ORDER TABLES OF UNIVERSITY LIBRARIES
2012–2013

SUMMARY OF RANK ORDER TABLES FOR UNIVERSITY LIBRARIES, 2012–2013

The table below presents the rank for each university library in each of the 12 categories for which rank order tables are prepared. The table numbers in the chart below refer to the data categories listed below. The number of libraries indicates the number of ARL university libraries supplying data in each category.

Table	Data Category	Number of Libraries Reporting
1	Volumes In Library	115
2	Titles Held	113
3	Total Library Materials Expenditures	115
4	Total Salaries & Wages Expenditures	115
5	Other Operating Expenditures	115
6	Total Library Expenditures	115
7	Total Items Loaned (ILL/DD)	114
8	Total Items Borrowed (ILL/DD)	114
9	Professional Staff (FTE)	115
10	Support Staff (FTE)	115
11	Total Staff (FTE)	115
12	Library Investment Index	115

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	1	2	3	4	5	6	7	8	9	10	11	12
ALABAMA	62	62	73	89	79	82	91	103	52	89	70	81
ALBERTA	16	33	15	23	16	18	42	91	50	13	34	18
ARIZONA	27	30	38	50	23	39	18	21	62	39	53	39
ARIZONA STATE	50	42	56	59	35	56	41	43	89	31	40	56
AUBURN	57	52	108	114	103	110	82	90	98	113	113	110
BOSTON	77	73	61	53	61	58	89	95	34	68	39	58
BOSTON COLLEGE	95	96	58	64	99	68	76	52	72	92	82	65
BRIGHAM YOUNG	47	39	59	38	47	43	45	65	32	104	20	44
BRITISH COLUMBIA	28	27	30	21	21	23	72	110	21	24	24	24
BROWN	41	44	67	70	59	65	44	31	64	84	82	68
CALGARY	74	68	47	27	90	37	99	87	75	22	50	38
CALIFORNIA, BERKELEY	8	7	14	7	18	8	65	81	4	31	9	7
CALIFORNIA, DAVIS	54	57	91	73	96	88	58	82	101	63	89	87
CALIFORNIA, IRVINE	82	64	94	63	78	81	88	69	93	53	79	85
CALIFORNIA, LOS ANGELES	7	2	35	6	5	10	43	42	13	7	8	11
CALIFORNIA, RIVERSIDE	75	89	115	107	75	111	95	96	113	98	111	112
CALIFORNIA, SAN DIEGO	68	69	87	31	25	46	87	83	30	47	42	51
CALIFORNIA, SANTA BARBARA	93	61	111	78	56	100	96	33	109	58	85	102
CASE WESTERN RESERVE	97	94	102	108	85	104	48	55	85	112	110	105
CHICAGO	9	14	17	34	33	29	15	30	67	15	34	27
CINCINNATI	53	51	69	74	76	73	31	49	47	108	82	71
COLORADO	24	20	64	75	83	74	6	36	80	60	67	73
COLORADO STATE	100	76	101	90	89	102	29	5	96	76	92	101
COLUMBIA	6	4	4	5	15	5	20	7	2	10	6	4
CONNECTICUT	72	78	66	49	82	62	19	9	58	105	65	62
CORNELL	14	11	12	9	10	9	22	14	7	12	11	10
DARTMOUTH	87	79	74	76	84	76	26	41	85	55	74	78
DELAWARE	90	95	77	83	91	83	77	85	91	86	95	83
DUKE	20	17	13	26	42	24	55	44	11	44	32	21
EMORY	66	55	21	28	11	21	46	92	33	35	36	22
FLORIDA	43	25	46	37	36	40	69	70	45	19	31	40
FLORIDA STATE	89	71	88	87	111	97	83	89	55	77	43	94
GEORGE WASHINGTON	99	98	55	45	65	53	75	11	58	58	49	53

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	1	2	3	4	5	6	7	8	9	10	11	12
GEORGETOWN	46	36	40	42	48	42	27	34	38	61	55	42
GEORGIA	40	37	51	57	67	59	49	109	70	17	37	59
GEORGIA TECH	108	113	107	103	95	106	103	99	98	77	103	106
GUELPH	115	107	103	91	104	103	74	80	93	100	109	103
HARVARD	1	1	1	1	1	1	23	37	1	1	2	1
HAWAII	85	81	89	72	58	78	114	71	47	72	58	79
HOUSTON	92	91	54	93	57	72	68	84	67	96	73	70
HOWARD	105	112	114	113	115	115	108	113	113	94	105	115
ILLINOIS, CHICAGO	101	83	90	94	52	89	12	18	79	81	86	90
ILLINOIS, URBANA	3	6	16	11	29	15	4	6	14	21	15	14
INDIANA	11	10	31	30	40	31	39	27	16	30	17	31
IOWA	23	19	22	48	87	38	30	64	40	67	52	36
IOWA STATE	98	100	39	99	97	69	71	98	107	90	102	69
JOHNS HOPKINS	48	45	20	32	19	26	36	46	27	47	41	25
KANSAS	49	28	81	54	53	64	40	72	35	65	46	66
KENT STATE	60	72	112	115	109	114	112	104	105	114	114	114
KENTUCKY	65	65	71	81	80	79	63	75	43	71	59	75
LAVAL	26	75	48	52	108	60	UA	UA	80	26	64	60
LOUISIANA STATE	42	31	100	111	92	107	92	93	105	103	98	107
LOUISVILLE	113	110	80	101	72	92	78	67	85	98	96	92
MANITOBA	110	104	70	43	45	55	110	78	90	40	74	55
MARYLAND	59	38	60	44	46	49	100	45	27	75	47	49
MASSACHUSETTS	58	63	105	79	64	96	64	19	92	100	91	98
MCGILL	35	32	26	39	14	30	109	102	45	46	63	30
MCMASTER	114	106	78	97	100	93	107	106	101	96	104	93
MIAMI	78	53	44	65	34	47	60	101	56	50	47	48
MICHIGAN	5	5	6	4	4	4	11	13	9	3	3	5
MICHIGAN STATE	29	8	27	46	44	36	7	63	61	40	44	37
MINNESOTA	18	34	19	22	32	22	1	38	35	13	23	23
MISSOURI	69	49	72	95	101	90	21	39	98	49	78	88
MIT	102	103	82	56	54	66	37	88	37	88	74	67
MONTREAL	73	80	57	18	88	35	93	79	29	8	24	35
NEBRASKA	67	77	98	98	81	101	53	48	103	64	80	100

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	1	2	3	4	5	6	7	8	9	10	11	12
NEW MEXICO	86	56	99	55	43	71	62	35	73	53	59	76
NEW YORK	31	22	5	10	9	6	85	29	5	27	12	6
NORTH CAROLINA	17	29	18	19	28	19	16	59	25	16	18	20
NORTH CAROLINA STATE	44	92	62	36	3	27	97	58	23	56	38	29
NORTHWESTERN	30	21	32	29	41	32	28	26	26	27	22	32
NOTRE DAME	56	50	41	51	70	48	81	32	47	37	56	47
OHIO	84	70	113	112	93	113	25	20	109	107	112	113
OHIO STATE	21	18	25	24	2	13	2	4	15	34	14	15
OKLAHOMA	32	35	42	92	77	67	10	28	84	69	57	64
OKLAHOMA STATE	70	59	96	100	60	95	50	76	76	93	71	97
OREGON	91	101	106	67	51	87	8	8	63	72	61	91
OTTAWA	88	90	28	60	62	44	98	100	104	52	94	43
PENNSYLVANIA	19	16	23	16	12	17	5	1	17	11	13	17
PENNSYLVANIA STATE	22	26	11	8	20	7	9	22	8	2	7	9
PITTSBURGH	25	23	29	41	26	34	57	24	30	33	33	33
PRINCETON	15	15	7	14	17	11	32	25	17	19	21	8
PURDUE	76	85	45	77	38	57	70	62	64	77	69	54
QUEEN'S	96	84	76	86	107	86	105	112	111	86	106	86
RICE	104	93	75	106	112	99	90	94	77	106	108	96
ROCHESTER	64	66	79	85	55	77	94	61	57	102	72	77
RUTGERS	38	67	53	13	39	28	35	12	51	9	19	28
SASKATCHEWAN	83	108	37	62	73	54	113	111	85	81	97	52
SOUTH CAROLINA	34	88	85	80	30	70	86	73	70	65	45	74
SOUTHERN CALIFORNIA	36	46	9	20	22	14	52	57	22	38	26	13
SOUTHERN ILLINOIS	79	97	104	110	113	109	33	23	111	90	100	109
SUNY-ALBANY	109	111	110	105	114	112	102	56	80	111	106	111
SUNY-BUFFALO	61	60	93	66	86	85	59	51	52	108	89	84
SUNY-STONY BROOK	112	99	97	109	106	105	79	105	77	115	114	104
SYRACUSE	81	58	84	69	69	80	84	74	67	51	62	80
TEMPLE	51	54	68	84	71	75	67	66	66	84	74	72
TENNESSEE	80	87	33	58	94	52	54	86	44	40	54	50
TEXAS	10	13	10	12	24	12	34	68	17	6	10	12
TEXAS A&M	45	40	8	33	49	20	13	10	20	44	29	19

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	1	2	3	4	5	6	7	8	9	10	11	12
TEXAS TECH	94	UA	36	47	37	41	38	50	38	27	29	41
TORONTO	4	9	3	2	8	3	51	108	10	5	4	3
TULANE	55	82	65	102	102	91	101	107	96	77	93	89
UTAH	71	43	86	40	31	51	56	53	58	18	27	57
VANDERBILT	52	47	52	71	50	61	73	60	52	83	80	61
VIRGINIA	33	24	63	25	27	33	61	47	24	23	28	34
VIRGINIA TECH	107	109	92	96	66	94	104	77	80	69	87	95
WASHINGTON	12	UA	24	15	6	16	47	2	12	25	16	16
WASHINGTON STATE	106	102	109	104	105	108	14	16	108	94	101	108
WASHINGTON U.-ST. LOUIS	39	41	34	61	63	50	24	17	41	57	51	46
WATERLOO	111	105	95	88	98	98	80	54	115	74	98	99
WAYNE STATE	103	86	83	82	74	84	66	40	41	110	66	82
WESTERN	37	48	43	68	110	63	106	97	73	62	88	63
WISCONSIN	13	12	49	17	13	25	3	3	6	36	1	26
YALE	2	3	2	3	7	2	17	15	3	4	5	2
YORK	63	74	50	35	68	45	111	114	93	40	67	45

RANK ORDER TABLE 1: VOLUMES IN LIBRARY

		Value			Value
1	HARVARD	19,408,259	58	MASSACHUSETTS	4,335,779
2	YALE	14,271,937	59	MARYLAND	4,308,063
3	ILLINOIS, URBANA	13,810,754	60	KENT STATE	4,234,112
4	TORONTO	13,304,701	61	SUNY-BUFFALO	4,189,756
5	MICHIGAN	12,971,705	62	ALABAMA	4,173,690
6	COLUMBIA	12,810,581	63	YORK	4,129,875
7	CALIFORNIA, LOS ANGELES	11,834,508	64	ROCHESTER	4,110,391
8	CALIFORNIA, BERKELEY	11,742,250	65	KENTUCKY	4,107,758
9	CHICAGO	11,193,612	66	EMORY	4,088,351
10	TEXAS	10,265,878	67	NEBRASKA	4,020,772
11	INDIANA	9,516,606	68	CALIFORNIA, SAN DIEGO	4,009,952
12	WASHINGTON	9,334,275	69	MISSOURI	3,990,467
13	WISCONSIN	9,110,080	70	OKLAHOMA STATE	3,970,525
14	CORNELL	8,883,870	71	UTAH	3,965,567
15	PRINCETON	8,237,391	72	CONNECTICUT	3,897,937
16	ALBERTA	8,033,677	73	MONTREAL	3,816,179
17	NORTH CAROLINA	7,598,807	74	CALGARY	3,789,500
18	MINNESOTA	7,316,157	75	CALIFORNIA, RIVERSIDE	3,718,510
19	PENNSYLVANIA	7,298,138	76	PURDUE	3,635,568
20	DUKE	7,243,932	77	BOSTON	3,552,099
21	OHIO STATE	7,025,345	78	MIAMI	3,523,524
22	PENNSYLVANIA STATE	6,932,529	79	SOUTHERN ILLINOIS	3,520,666
23	IOWA	6,914,557	80	TENNESSEE	3,446,032
24	COLORADO	6,842,656	81	SYRACUSE	3,423,850
25	PITTSBURGH	6,831,539	82	CALIFORNIA, IRVINE	3,390,364
26	LAVAL	6,775,230	83	SASKATCHEWAN	3,347,712
27	ARIZONA	6,671,129	84	OHIO	3,347,476
28	BRITISH COLUMBIA	6,464,733	85	HAWAII	3,330,740
29	MICHIGAN STATE	6,463,589	86	NEW MEXICO	3,325,337
30	NORTHWESTERN	6,108,181	87	DARTMOUTH	3,287,126
31	NEW YORK	5,946,145	88	OTTAWA	3,249,294
32	OKLAHOMA	5,926,479	89	FLORIDA STATE	3,235,243
33	VIRGINIA	5,514,735	90	DELAWARE	3,232,409
34	SOUTH CAROLINA	5,248,033	91	OREGON	3,231,345
35	MCGILL	5,192,490	92	HOUSTON	3,200,405
36	SOUTHERN CALIFORNIA	5,158,192	93	CALIFORNIA, SANTA BARBARA	3,111,609
37	WESTERN	5,145,613	94	TEXAS TECH	3,109,237
38	RUTGERS	5,129,739	95	BOSTON COLLEGE	3,072,624
39	WASHINGTON U.-ST. LOUIS	5,058,551	96	QUEEN'S	3,067,790
40	GEORGIA	5,020,737	97	CASE WESTERN RESERVE	3,041,760
41	BROWN	4,958,486	98	IOWA STATE	3,017,893
42	LOUISIANA STATE	4,922,063	99	GEORGE WASHINGTON	2,999,049
43	FLORIDA	4,874,235	100	COLORADO STATE	2,907,025
44	NORTH CAROLINA STATE	4,858,743	101	ILLINOIS, CHICAGO	2,847,371
45	TEXAS A&M	4,858,731	102	MIT	2,839,181
46	GEORGETOWN	4,609,407	103	WAYNE STATE	2,831,835
47	BRIGHAM YOUNG	4,581,255	104	RICE	2,809,018
48	JOHNS HOPKINS	4,579,070	105	HOWARD	2,784,568
49	KANSAS	4,569,167	106	WASHINGTON STATE	2,666,360
50	ARIZONA STATE	4,542,007	107	VIRGINIA TECH	2,554,204
51	TEMPLE	4,468,876	108	GEORGIA TECH	2,537,869
52	VANDERBILT	4,441,007	109	SUNY-ALBANY	2,483,589
53	CINCINNATI	4,439,265	110	MANITOBA	2,470,342
54	CALIFORNIA, DAVIS	4,401,308	111	WATERLOO	2,444,904
55	TULANE	4,393,933	112	SUNY-STONY BROOK	2,395,063
56	NOTRE DAME	4,389,762	113	LOUISVILLE	2,341,521
57	AUBURN	4,385,003	114	MCMASTER	2,188,031
			115	GUELPH	2,007,809

RANK ORDER TABLE 2: TITLES HELD

		Value			Value
1	HARVARD	14,065,481	58	SYRACUSE	3,270,163
2	CALIFORNIA, LOS ANGELES	11,201,152	59	OKLAHOMA STATE	3,265,421
3	YALE	10,103,508	60	SUNY-BUFFALO	3,230,411
4	COLUMBIA	8,733,855	61	CALIFORNIA, SANTA BARBARA	3,223,962
5	MICHIGAN	8,584,813	62	ALABAMA	3,164,017
6	ILLINOIS, URBANA	8,196,393	63	MASSACHUSETTS	3,138,300
7	CALIFORNIA, BERKELEY	8,065,316	64	CALIFORNIA, IRVINE	3,087,401
8	MICHIGAN STATE	7,766,555	65	KENTUCKY	3,072,997
9	TORONTO	7,498,517	66	ROCHESTER	3,055,077
10	INDIANA	6,889,656	67	RUTGERS	3,051,581
11	CORNELL	6,724,850	68	CALGARY	3,024,202
12	WISCONSIN	6,668,653	69	CALIFORNIA, SAN DIEGO	3,018,476
13	TEXAS	6,563,898	70	OHIO	3,017,497
14	CHICAGO	6,367,353	71	FLORIDA STATE	3,001,602
15	PRINCETON	6,167,834	72	KENT STATE	2,997,692
16	PENNSYLVANIA	5,690,211	73	BOSTON	2,917,558
17	DUKE	5,617,630	74	YORK	2,898,461
18	OHIO STATE	5,189,177	75	LAVAL	2,862,136
19	IOWA	5,156,462	76	COLORADO STATE	2,848,590
20	COLORADO	5,116,432	77	NEBRASKA	2,824,328
21	NORTHWESTERN	5,074,189	78	CONNECTICUT	2,767,232
22	NEW YORK	5,050,265	79	DARTMOUTH	2,733,849
23	PITTSBURGH	4,903,692	80	MONTREAL	2,669,500
24	VIRGINIA	4,847,717	81	HAWAII	2,664,225
25	FLORIDA	4,815,148	82	TULANE	2,614,725
26	PENNSYLVANIA STATE	4,755,620	83	ILLINOIS, CHICAGO	2,559,885
27	BRITISH COLUMBIA	4,692,912	84	QUEEN'S	2,558,033
28	KANSAS	4,675,855	85	PURDUE	2,554,290
29	NORTH CAROLINA	4,665,658	86	WAYNE STATE	2,491,403
30	ARIZONA	4,599,052	87	TENNESSEE	2,472,366
31	LOUISIANA STATE	4,390,221	88	SOUTH CAROLINA	2,460,296
32	MCGILL	4,317,022	89	CALIFORNIA, RIVERSIDE	2,447,761
33	ALBERTA	4,134,814	90	OTTAWA	2,446,544
34	MINNESOTA	4,062,537	91	HOUSTON	2,438,268
35	OKLAHOMA	4,048,541	92	NORTH CAROLINA STATE	2,426,144
36	GEORGETOWN	3,974,992	93	RICE	2,378,905
37	GEORGIA	3,939,555	94	CASE WESTERN RESERVE	2,366,785
38	MARYLAND	3,874,739	95	DELAWARE	2,316,166
39	BRIGHAM YOUNG	3,850,418	96	BOSTON COLLEGE	2,191,660
40	TEXAS A&M	3,825,122	97	SOUTHERN ILLINOIS	2,188,190
41	WASHINGTON U.-ST. LOUIS	3,792,283	98	GEORGE WASHINGTON	2,169,180
42	ARIZONA STATE	3,766,291	99	SUNY-STONY BROOK	2,156,862
43	UTAH	3,721,807	100	IOWA STATE	2,143,980
44	BROWN	3,667,613	101	OREGON	2,129,406
45	JOHNS HOPKINS	3,647,245	102	WASHINGTON STATE	2,089,634
46	SOUTHERN CALIFORNIA	3,620,156	103	MIT	2,078,850
47	VANDERBILT	3,610,176	104	MANITOBA	2,043,547
48	WESTERN	3,594,775	105	WATERLOO	1,969,424
49	MISSOURI	3,560,246	106	MCMASTER	1,933,298
50	NOTRE DAME	3,525,706	107	GUELPH	1,819,866
51	CINCINNATI	3,480,308	108	SASKATCHEWAN	1,816,718
52	AUBURN	3,438,516	109	VIRGINIA TECH	1,727,505
53	MIAMI	3,382,967	110	LOUISVILLE	1,640,700
54	TEMPLE	3,378,577	111	SUNY-ALBANY	1,572,856
55	EMORY	3,345,894	112	HOWARD	1,183,326
56	NEW MEXICO	3,343,791	113	GEORGIA TECH	1,061,206
57	CALIFORNIA, DAVIS	3,323,213		TEXAS TECH	.
				WASHINGTON	.

RANK ORDER TABLE 3: TOTAL LIBRARY MATERIALS EXPENDITURES

		Value			Value
1	HARVARD	42,824,113	58	BOSTON COLLEGE	11,697,021
2	YALE	39,322,306	59	BRIGHAM YOUNG	11,583,331
3	TORONTO	28,762,768	60	MARYLAND	11,495,359
4	COLUMBIA	27,724,152	61	BOSTON	11,494,395
5	NEW YORK	26,238,261	62	NORTH CAROLINA STATE	11,091,415
6	MICHIGAN	24,708,760	63	VIRGINIA	10,960,125
7	PRINCETON	24,116,273	64	COLORADO	10,913,873
8	TEXAS A&M	23,789,396	65	TULANE	10,904,862
9	SOUTHERN CALIFORNIA	21,623,932	66	CONNECTICUT	10,852,149
10	TEXAS	21,353,828	67	BROWN	10,817,454
11	PENNSYLVANIA STATE	20,394,499	68	TEMPLE	10,762,544
12	CORNELL	19,863,959	69	CINCINNATI	10,594,035
13	DUKE	19,684,571	70	MANITOBA	10,562,009
14	CALIFORNIA, BERKELEY	19,440,818	71	KENTUCKY	10,465,163
15	ALBERTA	19,431,323	72	MISSOURI	10,376,329
16	ILLINOIS, URBANA	19,036,256	73	ALABAMA	10,353,916
17	CHICAGO	18,265,289	74	DARTMOUTH	10,260,507
18	NORTH CAROLINA	18,099,599	75	RICE	10,228,658
19	MINNESOTA	17,972,440	76	QUEEN'S	10,171,840
20	JOHNS HOPKINS	17,877,827	77	DELAWARE	10,003,528
21	EMORY	17,627,015	78	MCMASTER	9,851,859
22	IOWA	17,546,016	79	ROCHESTER	9,747,213
23	PENNSYLVANIA	17,417,678	80	LOUISVILLE	9,671,768
24	WASHINGTON	16,433,168	81	KANSAS	9,504,912
25	OHIO STATE	16,270,975	82	MIT	9,416,771
26	MCGILL	15,991,793	83	WAYNE STATE	9,410,721
27	MICHIGAN STATE	15,851,193	84	SYRACUSE	9,057,943
28	OTTAWA	15,631,993	85	SOUTH CAROLINA	9,001,339
29	PITTSBURGH	15,544,964	86	UTAH	8,941,309
30	BRITISH COLUMBIA	15,489,971	87	CALIFORNIA, SAN DIEGO	8,934,949
31	INDIANA	15,171,091	88	FLORIDA STATE	8,909,355
32	NORTHWESTERN	14,773,038	89	HAWAII	8,849,034
33	TENNESSEE	14,708,996	90	ILLINOIS, CHICAGO	8,789,503
34	WASHINGTON U.-ST. LOUIS	14,378,390	91	CALIFORNIA, DAVIS	8,733,164
35	CALIFORNIA, LOS ANGELES	14,350,890	92	VIRGINIA TECH	8,691,143
36	TEXAS TECH	14,211,989	93	SUNY-BUFFALO	8,625,765
37	SASKATCHEWAN	14,211,586	94	CALIFORNIA, IRVINE	8,429,718
38	ARIZONA	14,090,805	95	WATERLOO	8,344,827
39	IOWA STATE	13,777,964	96	OKLAHOMA STATE	8,307,025
40	GEORGETOWN	13,732,922	97	SUNY-STONY BROOK	8,132,765
41	NOTRE DAME	13,611,484	98	NEBRASKA	7,988,483
42	OKLAHOMA	13,486,969	99	NEW MEXICO	7,748,182
43	WESTERN	13,412,862	100	LOUISIANA STATE	7,694,983
44	MIAMI	13,299,263	101	COLORADO STATE	7,623,959
45	PURDUE	13,239,165	102	CASE WESTERN RESERVE	7,271,241
46	FLORIDA	13,074,882	103	GUELPH	7,217,747
47	CALGARY	13,031,452	104	SOUTHERN ILLINOIS	6,996,369
48	LAVAL	12,630,526	105	MASSACHUSETTS	6,979,363
49	WISCONSIN	12,617,620	106	OREGON	6,826,551
50	YORK	12,049,612	107	GEORGIA TECH	6,818,190
51	GEORGIA	12,020,519	108	AUBURN	6,679,460
52	VANDERBILT	11,969,477	109	WASHINGTON STATE	6,468,999
53	RUTGERS	11,849,359	110	SUNY-ALBANY	5,667,214
54	HOUSTON	11,811,170	111	CALIFORNIA, SANTA BARBARA	5,544,275
55	GEORGE WASHINGTON	11,788,773	112	KENT STATE	5,478,018
56	ARIZONA STATE	11,727,942	113	OHIO	5,352,322
57	MONTREAL	11,715,664	114	HOWARD	4,736,435
			115	CALIFORNIA, RIVERSIDE	4,309,625

RANK ORDER TABLE 4: TOTAL SALARIES & WAGES EXPENDITURES

		Value			Value
1	HARVARD	57,090,459	58	TENNESSEE	10,035,471
2	TORONTO	40,056,918	59	ARIZONA STATE	9,906,009
3	YALE	36,681,270	60	OTTAWA	9,897,911
4	MICHIGAN	32,455,031	61	WASHINGTON U.-ST. LOUIS	9,750,760
5	COLUMBIA	31,072,778	62	SASKATCHEWAN	9,693,355
6	CALIFORNIA, LOS ANGELES	27,271,796	63	CALIFORNIA, IRVINE	9,652,280
7	CALIFORNIA, BERKELEY	26,486,937	64	BOSTON COLLEGE	9,563,101
8	PENNSYLVANIA STATE	26,124,083	65	MIAMI	9,546,983
9	CORNELL	23,893,010	66	SUNY-BUFFALO	9,494,024
10	NEW YORK	22,005,912	67	OREGON	9,419,650
11	ILLINOIS, URBANA	21,874,306	68	WESTERN	9,400,633
12	TEXAS	21,430,091	69	SYRACUSE	9,290,493
13	RUTGERS	21,225,738	70	BROWN	9,258,802
14	PRINCETON	20,839,739	71	VANDERBILT	9,198,093
15	WASHINGTON	20,184,217	72	HAWAII	9,140,488
16	PENNSYLVANIA	19,758,845	73	CALIFORNIA, DAVIS	9,076,018
17	WISCONSIN	19,213,198	74	CINCINNATI	8,944,916
18	MONTREAL	19,203,805	75	COLORADO	8,857,965
19	NORTH CAROLINA	18,809,603	76	DARTMOUTH	8,840,619
20	SOUTHERN CALIFORNIA	18,773,953	77	PURDUE	8,650,329
21	BRITISH COLUMBIA	18,723,515	78	CALIFORNIA, SANTA BARBARA	8,537,536
22	MINNESOTA	17,850,497	79	MASSACHUSETTS	8,407,164
23	ALBERTA	17,635,098	80	SOUTH CAROLINA	8,375,605
24	OHIO STATE	17,559,680	81	KENTUCKY	8,318,121
25	VIRGINIA	17,254,661	82	WAYNE STATE	8,287,860
26	DUKE	16,510,177	83	DELAWARE	8,276,092
27	CALGARY	16,346,833	84	TEMPLE	8,263,967
28	EMORY	15,438,863	85	ROCHESTER	8,204,731
29	NORTHWESTERN	14,745,037	86	QUEEN'S	8,034,711
30	INDIANA	14,598,853	87	FLORIDA STATE	7,882,702
31	CALIFORNIA, SAN DIEGO	13,735,273	88	WATERLOO	7,723,463
32	JOHNS HOPKINS	13,730,072	89	ALABAMA	7,664,043
33	TEXAS A&M	13,721,435	90	COLORADO STATE	7,505,066
34	CHICAGO	13,702,803	91	GUELPH	7,420,771
35	YORK	13,628,924	92	OKLAHOMA	7,209,295
36	NORTH CAROLINA STATE	13,461,502	93	HOUSTON	7,129,724
37	FLORIDA	13,417,758	94	ILLINOIS, CHICAGO	7,107,558
38	BRIGHAM YOUNG	13,322,759	95	MISSOURI	7,099,538
39	MCGILL	13,040,193	96	VIRGINIA TECH	6,993,034
40	UTAH	12,968,630	97	MCMASTER	6,913,640
41	PITTSBURGH	12,444,350	98	NEBRASKA	6,902,634
42	GEORGETOWN	12,407,741	99	IOWA STATE	6,871,641
43	MANITOBA	12,081,319	100	OKLAHOMA STATE	6,780,481
44	MARYLAND	12,005,781	101	LOUISVILLE	6,379,627
45	GEORGE WASHINGTON	11,933,327	102	TULANE	6,358,484
46	MICHIGAN STATE	11,791,657	103	GEORGIA TECH	6,332,368
47	TEXAS TECH	11,697,264	104	WASHINGTON STATE	6,162,511
48	IOWA	11,648,597	105	SUNY-ALBANY	6,097,460
49	CONNECTICUT	11,447,057	106	RICE	6,059,361
50	ARIZONA	11,141,623	107	CALIFORNIA, RIVERSIDE	5,988,345
51	NOTRE DAME	10,966,531	108	CASE WESTERN RESERVE	5,960,417
52	LAVAL	10,703,779	109	SUNY-STONY BROOK	5,304,367
53	BOSTON	10,686,500	110	SOUTHERN ILLINOIS	5,279,404
54	KANSAS	10,659,446	111	LOUISIANA STATE	5,203,969
55	NEW MEXICO	10,630,887	112	OHIO	5,061,083
56	MIT	10,453,137	113	HOWARD	4,875,390
57	GEORGIA	10,430,850	114	AUBURN	4,619,833
			115	KENT STATE	4,491,583

RANK ORDER TABLE 5: OTHER OPERATING EXPENDITURES

		Value			Value
1	HARVARD	17,402,090	58	HAWAII	2,616,039
2	OHIO STATE	12,665,593	59	BROWN	2,615,010
3	NORTH CAROLINA STATE	12,211,260	60	OKLAHOMA STATE	2,614,354
4	MICHIGAN	10,125,323	61	BOSTON	2,597,945
5	CALIFORNIA, LOS ANGELES	9,252,427	62	OTTAWA	2,326,413
6	WASHINGTON	8,667,635	63	WASHINGTON U.-ST. LOUIS	2,257,274
7	YALE	8,661,721	64	MASSACHUSETTS	2,251,658
8	TORONTO	8,644,809	65	GEORGE WASHINGTON	2,234,572
9	NEW YORK	7,718,816	66	VIRGINIA TECH	2,224,923
10	CORNELL	7,530,573	67	GEORGIA	2,133,556
11	EMORY	7,210,687	68	YORK	2,094,805
12	PENNSYLVANIA	6,803,044	69	SYRACUSE	2,085,710
13	WISCONSIN	6,559,813	70	NOTRE DAME	2,085,252
14	MCGILL	6,275,691	71	TEMPLE	2,080,070
15	COLUMBIA	5,999,788	72	LOUISVILLE	2,076,972
16	ALBERTA	5,979,490	73	SASKATCHEWAN	1,976,085
17	PRINCETON	5,837,925	74	WAYNE STATE	1,949,097
18	CALIFORNIA, BERKELEY	5,715,042	75	CALIFORNIA, RIVERSIDE	1,931,046
19	JOHNS HOPKINS	5,712,000	76	CINCINNATI	1,913,377
20	PENNSYLVANIA STATE	5,576,323	77	OKLAHOMA	1,843,335
21	BRITISH COLUMBIA	5,342,553	78	CALIFORNIA, IRVINE	1,821,239
22	SOUTHERN CALIFORNIA	5,247,609	79	ALABAMA	1,820,862
23	ARIZONA	5,191,518	80	KENTUCKY	1,786,789
24	TEXAS	5,078,036	81	NEBRASKA	1,673,558
25	CALIFORNIA, SAN DIEGO	4,657,060	82	CONNECTICUT	1,667,311
26	PITTSBURGH	4,597,753	83	COLORADO	1,656,681
27	VIRGINIA	4,482,132	84	DARTMOUTH	1,593,691
28	NORTH CAROLINA	4,460,428	85	CASE WESTERN RESERVE	1,529,170
29	ILLINOIS, URBANA	4,432,361	86	SUNY-BUFFALO	1,442,886
30	SOUTH CAROLINA	4,344,974	87	IOWA	1,441,323
31	UTAH	4,232,535	88	MONTREAL	1,420,249
32	MINNESOTA	4,136,918	89	COLORADO STATE	1,406,103
33	CHICAGO	3,971,556	90	CALGARY	1,399,243
34	MIAMI	3,969,519	91	DELAWARE	1,377,543
35	ARIZONA STATE	3,950,036	92	LOUISIANA STATE	1,361,384
36	FLORIDA	3,719,124	93	OHIO	1,277,317
37	TEXAS TECH	3,669,557	94	TENNESSEE	1,261,826
38	PURDUE	3,647,520	95	GEORGIA TECH	1,261,153
39	RUTGERS	3,556,514	96	CALIFORNIA, DAVIS	1,251,086
40	INDIANA	3,434,328	97	IOWA STATE	1,238,931
41	NORTHWESTERN	3,331,150	98	WATERLOO	1,201,476
42	DUKE	3,312,443	99	BOSTON COLLEGE	1,200,529
43	NEW MEXICO	3,283,590	100	MCMASTER	1,178,795
44	MICHIGAN STATE	3,256,092	101	MISSOURI	1,167,285
45	MANITOBA	3,050,238	102	TULANE	1,091,892
46	MARYLAND	3,028,652	103	AUBURN	1,079,867
47	BRIGHAM YOUNG	3,027,677	104	GUELPH	1,076,286
48	GEORGETOWN	2,946,221	105	WASHINGTON STATE	1,060,841
49	TEXAS A&M	2,873,415	106	SUNY-STONY BROOK	1,018,929
50	VANDERBILT	2,832,391	107	QUEEN'S	952,840
51	OREGON	2,821,633	108	LAVAL	893,498
52	ILLINOIS, CHICAGO	2,813,321	109	KENT STATE	843,065
53	KANSAS	2,760,823	110	WESTERN	783,332
54	MIT	2,754,616	111	FLORIDA STATE	715,248
55	ROCHESTER	2,729,837	112	RICE	653,112
56	CALIFORNIA, SANTA BARBARA	2,723,698	113	SOUTHERN ILLINOIS	532,708
57	HOUSTON	2,650,681	114	SUNY-ALBANY	258,243
			115	HOWARD	73,000

RANK ORDER TABLE 6: TOTAL LIBRARY EXPENDITURES

		Value			Value
1	HARVARD	117,316,662	58	BOSTON	24,778,840
2	YALE	84,665,297	59	GEORGIA	24,584,925
3	TORONTO	77,464,495	60	LAVAL	24,227,802
4	MICHIGAN	67,289,114	61	VANDERBILT	23,999,961
5	COLUMBIA	64,796,718	62	CONNECTICUT	23,966,517
6	NEW YORK	55,962,989	63	WESTERN	23,596,827
7	PENNSYLVANIA STATE	52,094,905	64	KANSAS	22,925,181
8	CALIFORNIA, BERKELEY	51,642,797	65	BROWN	22,691,266
9	CORNELL	51,287,542	66	MIT	22,624,524
10	CALIFORNIA, LOS ANGELES	50,875,113	67	OKLAHOMA	22,539,599
11	PRINCETON	50,793,937	68	BOSTON COLLEGE	22,460,651
12	TEXAS	47,861,955	69	IOWA STATE	21,888,536
13	OHIO STATE	46,496,248	70	SOUTH CAROLINA	21,721,918
14	SOUTHERN CALIFORNIA	45,645,494	71	NEW MEXICO	21,662,659
15	ILLINOIS, URBANA	45,342,923	72	HOUSTON	21,591,575
16	WASHINGTON	45,285,020	73	CINCINNATI	21,452,328
17	PENNSYLVANIA	43,979,567	74	COLORADO	21,428,519
18	ALBERTA	43,045,911	75	TEMPLE	21,106,580
19	NORTH CAROLINA	41,369,630	76	DARTMOUTH	20,694,817
20	TEXAS A&M	40,384,246	77	ROCHESTER	20,681,781
21	EMORY	40,276,565	78	HAWAII	20,605,561
22	MINNESOTA	39,959,855	79	KENTUCKY	20,570,073
23	BRITISH COLUMBIA	39,556,039	80	SYRACUSE	20,434,146
24	DUKE	39,507,191	81	CALIFORNIA, IRVINE	19,903,237
25	WISCONSIN	38,390,631	82	ALABAMA	19,838,821
26	JOHNS HOPKINS	37,319,899	83	DELAWARE	19,657,163
27	NORTH CAROLINA STATE	36,764,177	84	WAYNE STATE	19,647,678
28	RUTGERS	36,631,611	85	SUNY-BUFFALO	19,562,675
29	CHICAGO	35,939,648	86	QUEEN'S	19,159,391
30	MCGILL	35,307,677	87	OREGON	19,067,834
31	INDIANA	33,204,272	88	CALIFORNIA, DAVIS	19,060,268
32	NORTHWESTERN	32,849,225	89	ILLINOIS, CHICAGO	18,710,382
33	VIRGINIA	32,696,918	90	MISSOURI	18,643,152
34	PITTSBURGH	32,587,067	91	TULANE	18,355,238
35	MONTREAL	32,339,718	92	LOUISVILLE	18,128,367
36	MICHIGAN STATE	30,898,942	93	MCMASTER	17,944,294
37	CALGARY	30,777,528	94	VIRGINIA TECH	17,909,100
38	IOWA	30,635,936	95	OKLAHOMA STATE	17,701,860
39	ARIZONA	30,423,946	96	MASSACHUSETTS	17,638,185
40	FLORIDA	30,211,764	97	FLORIDA STATE	17,507,305
41	TEXAS TECH	29,578,810	98	WATERLOO	17,269,766
42	GEORGETOWN	29,086,884	99	RICE	16,941,131
43	BRIGHAM YOUNG	27,933,767	100	CALIFORNIA, SANTA BARBARA	16,805,509
44	OTTAWA	27,856,317	101	NEBRASKA	16,564,675
45	YORK	27,773,340	102	COLORADO STATE	16,535,128
46	CALIFORNIA, SAN DIEGO	27,327,282	103	GUELPH	15,714,805
47	MIAMI	26,815,765	104	CASE WESTERN RESERVE	14,760,828
48	NOTRE DAME	26,663,267	105	SUNY-STONY BROOK	14,456,061
49	MARYLAND	26,529,792	106	GEORGIA TECH	14,411,711
50	WASHINGTON U.-ST. LOUIS	26,386,424	107	LOUISIANA STATE	14,260,336
51	UTAH	26,142,474	108	WASHINGTON STATE	13,692,351
52	TENNESSEE	26,006,293	109	SOUTHERN ILLINOIS	12,808,481
53	GEORGE WASHINGTON	25,956,672	110	AUBURN	12,379,160
54	SASKATCHEWAN	25,881,025	111	CALIFORNIA, RIVERSIDE	12,229,016
55	MANITOBA	25,693,566	112	SUNY-ALBANY	12,022,917
56	ARIZONA STATE	25,583,987	113	OHIO	11,690,722
57	PURDUE	25,537,014	114	KENT STATE	10,812,666
			115	HOWARD	9,684,825

RANK ORDER TABLE 7: TOTAL ITEMS LOANED (ILL/DD)

		Value			Value
1	MINNESOTA	132,608	58	CALIFORNIA, DAVIS	30,440
2	OHIO STATE	116,541	59	SUNY-BUFFALO	29,064
3	WISCONSIN	106,692	60	MIAMI	28,837
4	ILLINOIS, URBANA	85,983	61	VIRGINIA	28,715
5	PENNSYLVANIA	84,597	62	NEW MEXICO	28,540
6	COLORADO	83,672	63	KENTUCKY	27,995
7	MICHIGAN STATE	74,941	64	MASSACHUSETTS	27,786
8	OREGON	67,230	65	CALIFORNIA, BERKELEY	27,754
9	PENNSYLVANIA STATE	66,775	66	WAYNE STATE	27,530
10	OKLAHOMA	61,755	67	TEMPLE	27,512
11	MICHIGAN	56,974	68	HOUSTON	26,877
12	ILLINOIS, CHICAGO	56,520	69	FLORIDA	26,276
13	TEXAS A&M	55,353	70	PURDUE	25,497
14	WASHINGTON STATE	54,569	71	IOWA STATE	25,459
15	CHICAGO	53,833	72	BRITISH COLUMBIA	25,204
16	NORTH CAROLINA	53,443	73	VANDERBILT	24,968
17	YALE	53,374	74	GUELPH	24,903
18	ARIZONA	52,157	75	GEORGE WASHINGTON	24,657
19	CONNECTICUT	51,735	76	BOSTON COLLEGE	24,508
20	COLUMBIA	51,722	77	DELAWARE	24,337
21	MISSOURI	51,621	78	LOUISVILLE	24,139
22	CORNELL	51,393	79	SUNY-STONY BROOK	23,061
23	HARVARD	50,985	80	WATERLOO	22,878
24	WASHINGTON U.-ST. LOUIS	49,315	81	NOTRE DAME	22,084
25	OHIO	49,292	82	AUBURN	21,952
26	DARTMOUTH	48,996	83	FLORIDA STATE	21,759
27	GEORGETOWN	48,366	84	SYRACUSE	21,615
28	NORTHWESTERN	48,318	85	NEW YORK	20,559
29	COLORADO STATE	48,012	86	SOUTH CAROLINA	19,872
30	IOWA	46,587	87	CALIFORNIA, SAN DIEGO	19,635
31	CINCINNATI	46,532	88	CALIFORNIA, IRVINE	18,878
32	PRINCETON	46,006	89	BOSTON	17,988
33	SOUTHERN ILLINOIS	45,323	90	RICE	17,787
34	TEXAS	43,826	91	ALABAMA	17,591
35	RUTGERS	43,035	92	LOUISIANA STATE	16,914
36	JOHNS HOPKINS	41,559	93	MONTREAL	16,904
37	MIT	40,248	94	ROCHESTER	16,446
38	TEXAS TECH	39,023	95	CALIFORNIA, RIVERSIDE	15,607
39	INDIANA	38,930	96	CALIFORNIA, SANTA BARBARA	15,605
40	KANSAS	38,704	97	NORTH CAROLINA STATE	15,370
41	ARIZONA STATE	38,598	98	OTTAWA	14,292
42	ALBERTA	37,956	99	CALGARY	14,013
43	CALIFORNIA, LOS ANGELES	37,951	100	MARYLAND	13,975
44	BROWN	37,657	101	TULANE	13,690
45	BRIGHAM YOUNG	37,457	102	SUNY-ALBANY	13,640
46	EMORY	36,603	103	GEORGIA TECH	13,380
47	WASHINGTON	35,884	104	VIRGINIA TECH	13,149
48	CASE WESTERN RESERVE	34,992	105	QUEEN'S	12,464
49	GEORGIA	34,904	106	WESTERN	12,004
50	OKLAHOMA STATE	34,589	107	MCMASTER	11,812
51	TORONTO	34,003	108	HOWARD	11,678
52	SOUTHERN CALIFORNIA	32,686	109	MCGILL	11,624
53	NEBRASKA	31,518	110	MANITOBA	11,593
54	TENNESSEE	31,426	111	YORK	10,077
55	DUKE	31,307	112	KENT STATE	8,765
56	UTAH	30,915	113	SASKATCHEWAN	7,742
57	PITTSBURGH	30,860	114	HAWAII	4,147
				LAVAL	.

RANK ORDER TABLE 8: TOTAL ITEMS BORROWED (ILL/DD)

		Value			Value
1	PENNSYLVANIA	119,771	58	NORTH CAROLINA STATE	23,758
2	WASHINGTON	74,845	59	NORTH CAROLINA	23,648
3	WISCONSIN	73,929	60	VANDERBILT	23,618
4	OHIO STATE	73,033	61	ROCHESTER	23,441
5	COLORADO STATE	69,750	62	PURDUE	23,359
6	ILLINOIS, URBANA	68,547	63	MICHIGAN STATE	23,317
7	COLUMBIA	62,630	64	IOWA	23,238
8	OREGON	62,335	65	BRIGHAM YOUNG	23,117
9	CONNECTICUT	61,175	66	TEMPLE	23,060
10	TEXAS A&M	60,162	67	LOUISVILLE	22,912
11	GEORGE WASHINGTON	60,045	68	TEXAS	22,874
12	RUTGERS	55,558	69	CALIFORNIA, IRVINE	22,325
13	MICHIGAN	54,132	70	FLORIDA	21,946
14	CORNELL	53,520	71	HAWAII	21,857
15	YALE	49,146	72	KANSAS	21,675
16	WASHINGTON STATE	48,642	73	SOUTH CAROLINA	20,934
17	WASHINGTON U.-ST. LOUIS	47,408	74	SYRACUSE	20,792
18	ILLINOIS, CHICAGO	46,927	75	KENTUCKY	20,730
19	MASSACHUSETTS	44,815	76	OKLAHOMA STATE	20,495
20	OHIO	43,954	77	VIRGINIA TECH	19,470
21	ARIZONA	43,338	78	MANITOBA	18,544
22	PENNSYLVANIA STATE	42,995	79	MONTREAL	18,511
23	SOUTHERN ILLINOIS	42,658	80	GUELPH	18,384
24	PITTSBURGH	41,521	81	CALIFORNIA, BERKELEY	18,029
25	PRINCETON	40,538	82	CALIFORNIA, DAVIS	17,920
26	NORTHWESTERN	39,340	83	CALIFORNIA, SAN DIEGO	17,764
27	INDIANA	38,637	84	HOUSTON	16,406
28	OKLAHOMA	38,009	85	DELAWARE	16,280
29	NEW YORK	37,890	86	TENNESSEE	15,804
30	CHICAGO	37,757	87	CALGARY	15,077
31	BROWN	37,359	88	MIT	14,634
32	NOTRE DAME	37,147	89	FLORIDA STATE	14,048
33	CALIFORNIA, SANTA BARBARA	36,515	90	AUBURN	13,891
34	GEORGETOWN	35,354	91	ALBERTA	13,885
35	NEW MEXICO	35,123	92	EMORY	13,218
36	COLORADO	34,858	93	LOUISIANA STATE	13,034
37	HARVARD	34,559	94	RICE	12,489
38	MINNESOTA	34,366	95	BOSTON	12,178
39	MISSOURI	34,040	96	CALIFORNIA, RIVERSIDE	11,920
40	WAYNE STATE	33,830	97	WESTERN	11,595
41	DARTMOUTH	33,283	98	IOWA STATE	10,950
42	CALIFORNIA, LOS ANGELES	33,224	99	GEORGIA TECH	10,916
43	ARIZONA STATE	32,840	100	OTTAWA	10,649
44	DUKE	31,596	101	MIAMI	10,564
45	MARYLAND	31,393	102	MCGILL	10,212
46	JOHNS HOPKINS	31,009	103	ALABAMA	10,143
47	VIRGINIA	30,786	104	KENT STATE	9,962
48	NEBRASKA	30,500	105	SUNY-STONY BROOK	9,934
49	CINCINNATI	30,283	106	MCMASTER	9,854
50	TEXAS TECH	28,643	107	TULANE	9,159
51	SUNY-BUFFALO	28,056	108	TORONTO	8,955
52	BOSTON COLLEGE	27,815	109	GEORGIA	8,217
53	UTAH	27,749	110	BRITISH COLUMBIA	7,903
54	WATERLOO	26,519	111	SASKATCHEWAN	7,262
55	CASE WESTERN RESERVE	24,967	112	QUEEN'S	5,529
56	SUNY-ALBANY	24,386	113	HOWARD	5,344
57	SOUTHERN CALIFORNIA	24,083	114	YORK	4,851
				LAVAL	.

RANK ORDER TABLE 9: PROFESSIONAL STAFF (FTE)

		Value			Value
1	HARVARD	465	58	CONNECTICUT	85
2	COLUMBIA	317	58	GEORGE WASHINGTON	85
3	YALE	248	58	UTAH	85
4	CALIFORNIA, BERKELEY	239	61	MICHIGAN STATE	84
5	NEW YORK	236	62	ARIZONA	83
6	WISCONSIN	215	63	OREGON	80
7	CORNELL	203	64	BROWN	79
8	PENNSYLVANIA STATE	201	64	PURDUE	79
9	MICHIGAN	197	66	TEMPLE	76
10	TORONTO	190	67	CHICAGO	74
11	DUKE	180	67	HOUSTON	74
12	WASHINGTON	178	67	SYRACUSE	74
13	CALIFORNIA, LOS ANGELES	167	70	GEORGIA	73
14	ILLINOIS, URBANA	165	70	SOUTH CAROLINA	73
15	OHIO STATE	162	72	BOSTON COLLEGE	72
16	INDIANA	149	73	NEW MEXICO	71
17	PENNSYLVANIA	148	73	WESTERN	71
17	PRINCETON	148	75	CALGARY	69
17	TEXAS	148	76	OKLAHOMA STATE	67
20	TEXAS A&M	146	77	RICE	66
21	BRITISH COLUMBIA	139	77	SUNY-STONY BROOK	66
22	SOUTHERN CALIFORNIA	137	79	ILLINOIS, CHICAGO	65
23	NORTH CAROLINA STATE	134	80	COLORADO	64
24	VIRGINIA	132	80	LAVAL	64
25	NORTH CAROLINA	128	80	SUNY-ALBANY	64
26	NORTHWESTERN	127	80	VIRGINIA TECH	64
27	JOHNS HOPKINS	123	84	OKLAHOMA	63
27	MARYLAND	123	85	CASE WESTERN RESERVE	62
29	MONTREAL	115	85	DARTMOUTH	62
30	CALIFORNIA, SAN DIEGO	113	85	LOUISVILLE	62
30	PITTSBURGH	113	85	SASKATCHEWAN	62
32	BRIGHAM YOUNG	110	89	ARIZONA STATE	61
33	EMORY	108	90	MANITOBA	60
34	BOSTON	106	91	DELAWARE	59
35	KANSAS	105	92	MASSACHUSETTS	56
35	MINNESOTA	105	93	CALIFORNIA, IRVINE	54
37	MIT	104	93	GUELPH	54
38	GEORGETOWN	103	93	YORK	54
38	TEXAS TECH	103	96	COLORADO STATE	53
40	IOWA	101	96	TULANE	53
41	WASHINGTON U.-ST. LOUIS	99	98	AUBURN	51
41	WAYNE STATE	99	98	GEORGIA TECH	51
43	KENTUCKY	97	98	MISSOURI	51
44	TENNESSEE	96	101	CALIFORNIA, DAVIS	50
45	FLORIDA	94	101	MCMASTER	50
45	MCGILL	94	103	NEBRASKA	49
47	CINCINNATI	93	104	OTTAWA	48
47	HAWAII	93	105	KENT STATE	47
47	NOTRE DAME	93	105	LOUISIANA STATE	47
50	ALBERTA	92	107	IOWA STATE	44
51	RUTGERS	91	108	WASHINGTON STATE	42
52	ALABAMA	89	109	CALIFORNIA, SANTA BARBARA	41
52	SUNY-BUFFALO	89	109	OHIO	41
52	VANDERBILT	89	111	QUEEN'S	40
55	FLORIDA STATE	88	111	SOUTHERN ILLINOIS	40
56	MIAMI	87	113	CALIFORNIA, RIVERSIDE	36
57	ROCHESTER	86	113	HOWARD	36
			115	WATERLOO	33

RANK ORDER TABLE 10: SUPPORT STAFF (FTE)

		Value			Value
1	HARVARD	350	58	CALIFORNIA, SANTA BARBARA	99
2	PENNSYLVANIA STATE	345	58	GEORGE WASHINGTON	99
3	MICHIGAN	338	60	COLORADO	98
4	YALE	337	61	GEORGETOWN	97
5	TORONTO	319	62	WESTERN	95
6	TEXAS	231	63	CALIFORNIA, DAVIS	94
7	CALIFORNIA, LOS ANGELES	228	64	NEBRASKA	93
8	MONTREAL	224	65	KANSAS	91
9	RUTGERS	215	65	SOUTH CAROLINA	91
10	COLUMBIA	207	67	IOWA	90
11	PENNSYLVANIA	185	68	BOSTON	88
12	CORNELL	183	69	OKLAHOMA	86
13	ALBERTA	182	69	VIRGINIA TECH	86
13	MINNESOTA	182	71	KENTUCKY	85
15	CHICAGO	177	72	HAWAII	84
16	NORTH CAROLINA	174	72	OREGON	84
17	GEORGIA	173	74	WATERLOO	83
18	UTAH	171	75	MARYLAND	82
19	FLORIDA	170	76	COLORADO STATE	81
19	PRINCETON	170	77	FLORIDA STATE	80
21	ILLINOIS, URBANA	168	77	GEORGIA TECH	80
22	CALGARY	161	77	PURDUE	80
23	VIRGINIA	156	77	TULANE	80
24	BRITISH COLUMBIA	155	81	ILLINOIS, CHICAGO	79
25	WASHINGTON	152	81	SASKATCHEWAN	79
26	LAVAL	148	83	VANDERBILT	77
27	NEW YORK	144	84	BROWN	76
27	NORTHWESTERN	144	84	TEMPLE	76
27	TEXAS TECH	144	86	DELAWARE	75
30	INDIANA	142	86	QUEEN'S	75
31	ARIZONA STATE	139	88	MIT	74
31	CALIFORNIA, BERKELEY	139	89	ALABAMA	72
33	PITTSBURGH	138	90	IOWA STATE	71
34	OHIO STATE	129	90	SOUTHERN ILLINOIS	71
35	EMORY	128	92	BOSTON COLLEGE	69
36	WISCONSIN	127	93	OKLAHOMA STATE	68
37	NOTRE DAME	119	94	HOWARD	66
38	SOUTHERN CALIFORNIA	118	94	WASHINGTON STATE	66
39	ARIZONA	116	96	HOUSTON	64
40	MANITOBA	115	96	MCMASTER	64
40	MICHIGAN STATE	115	98	CALIFORNIA, RIVERSIDE	63
40	TENNESSEE	115	98	LOUISVILLE	63
40	YORK	115	100	GUELPH	62
44	DUKE	112	100	MASSACHUSETTS	62
44	TEXAS A&M	112	102	ROCHESTER	61
46	MCGILL	111	103	LOUISIANA STATE	60
47	CALIFORNIA, SAN DIEGO	110	104	BRIGHAM YOUNG	58
47	JOHNS HOPKINS	110	105	CONNECTICUT	54
49	MISSOURI	108	106	RICE	53
50	MIAMI	107	107	OHIO	46
51	SYRACUSE	106	108	CINCINNATI	44
52	OTTAWA	105	108	SUNY-BUFFALO	44
53	CALIFORNIA, IRVINE	104	110	WAYNE STATE	42
53	NEW MEXICO	104	111	SUNY-ALBANY	36
55	DARTMOUTH	103	112	CASE WESTERN RESERVE	34
56	NORTH CAROLINA STATE	102	113	AUBURN	32
57	WASHINGTON U.-ST. LOUIS	101	114	KENT STATE	25
			115	SUNY-STONY BROOK	15

RANK ORDER TABLE 11: TOTAL STAFF (FTE)

		Value			Value
1	WISCONSIN	987	58	HAWAII	230
2	HARVARD	815	59	KENTUCKY	227
3	MICHIGAN	651	59	NEW MEXICO	227
4	TORONTO	642	61	OREGON	225
5	YALE	641	62	SYRACUSE	220
6	COLUMBIA	607	63	MCGILL	218
7	PENNSYLVANIA STATE	601	64	LAVAL	213
8	CALIFORNIA, LOS ANGELES	514	65	CONNECTICUT	212
9	CALIFORNIA, BERKELEY	504	66	WAYNE STATE	211
10	TEXAS	492	67	COLORADO	209
11	CORNELL	488	67	YORK	209
12	NEW YORK	460	69	PURDUE	208
13	PENNSYLVANIA	444	70	ALABAMA	206
14	OHIO STATE	441	71	OKLAHOMA STATE	203
15	ILLINOIS, URBANA	438	72	ROCHESTER	201
16	WASHINGTON	434	73	HOUSTON	197
17	INDIANA	397	74	DARTMOUTH	193
18	NORTH CAROLINA	395	74	MANITOBA	193
19	RUTGERS	393	74	MIT	193
20	BRIGHAM YOUNG	379	74	TEMPLE	193
21	PRINCETON	373	78	MISSOURI	189
22	NORTHWESTERN	362	79	CALIFORNIA, IRVINE	186
23	MINNESOTA	360	80	NEBRASKA	184
24	BRITISH COLUMBIA	342	80	VANDERBILT	184
24	MONTREAL	342	82	BOSTON COLLEGE	183
26	SOUTHERN CALIFORNIA	339	82	BROWN	183
27	UTAH	335	82	CINCINNATI	183
28	VIRGINIA	332	85	CALIFORNIA, SANTA BARBARA	182
29	TEXAS A&M	325	86	ILLINOIS, CHICAGO	180
29	TEXAS TECH	325	87	VIRGINIA TECH	179
31	FLORIDA	323	88	WESTERN	177
32	DUKE	313	89	CALIFORNIA, DAVIS	173
33	PITTSBURGH	310	89	SUNY-BUFFALO	173
34	ALBERTA	302	91	MASSACHUSETTS	172
34	CHICAGO	302	92	COLORADO STATE	167
36	EMORY	297	93	TULANE	166
37	GEORGIA	295	94	OTTAWA	162
38	NORTH CAROLINA STATE	293	95	DELAWARE	160
39	BOSTON	280	96	LOUISVILLE	156
40	ARIZONA STATE	275	97	SASKATCHEWAN	151
41	JOHNS HOPKINS	271	98	LOUISIANA STATE	149
42	CALIFORNIA, SAN DIEGO	270	98	WATERLOO	149
43	FLORIDA STATE	268	100	SOUTHERN ILLINOIS	144
44	MICHIGAN STATE	266	101	WASHINGTON STATE	139
45	SOUTH CAROLINA	263	102	IOWA STATE	137
46	KANSAS	257	103	GEORGIA TECH	136
47	MARYLAND	256	104	MCMASTER	133
47	MIAMI	256	105	HOWARD	131
49	GEORGE WASHINGTON	253	106	QUEEN'S	129
50	CALGARY	251	106	SUNY-ALBANY	129
51	WASHINGTON U.-ST. LOUIS	249	108	RICE	128
52	IOWA	248	109	GUELPH	126
53	ARIZONA	247	110	CASE WESTERN RESERVE	125
54	TENNESSEE	245	111	CALIFORNIA, RIVERSIDE	121
55	GEORGETOWN	243	112	OHIO	116
56	NOTRE DAME	242	113	AUBURN	109
57	OKLAHOMA	231	114	KENT STATE	106
			114	SUNY-STONY BROOK	106

RANK ORDER TABLE 12: LIBRARY INVESTMENT INDEX

		Value			Value
1	HARVARD	5.53	58	BOSTON	-0.27
2	YALE	3.52	59	GEORGIA	-0.30
3	TORONTO	2.91	60	LAVAL	-0.30
4	COLUMBIA	2.31	61	VANDERBILT	-0.31
5	MICHIGAN	2.27	62	CONNECTICUT	-0.31
6	NEW YORK	1.73	63	WESTERN	-0.31
7	CALIFORNIA, BERKELEY	1.42	64	OKLAHOMA	-0.39
8	PRINCETON	1.38	65	BOSTON COLLEGE	-0.39
9	PENNSYLVANIA STATE	1.38	66	KANSAS	-0.40
10	CORNELL	1.37	67	MIT	-0.40
11	CALIFORNIA, LOS ANGELES	1.22	68	BROWN	-0.40
12	TEXAS	1.15	69	IOWA STATE	-0.42
13	SOUTHERN CALIFORNIA	1.06	70	HOUSTON	-0.46
14	ILLINOIS, URBANA	1.00	71	CINCINNATI	-0.46
15	OHIO STATE	1.00	72	TEMPLE	-0.48
16	WASHINGTON	0.95	73	COLORADO	-0.49
17	PENNSYLVANIA	0.88	74	SOUTH CAROLINA	-0.50
18	ALBERTA	0.84	75	KENTUCKY	-0.51
19	TEXAS A&M	0.81	76	NEW MEXICO	-0.52
20	NORTH CAROLINA	0.77	77	ROCHESTER	-0.52
21	DUKE	0.72	78	DARTMOUTH	-0.52
22	EMORY	0.66	79	HAWAII	-0.54
23	MINNESOTA	0.65	80	SYRACUSE	-0.55
24	BRITISH COLUMBIA	0.63	81	ALABAMA	-0.56
25	JOHNS HOPKINS	0.54	82	WAYNE STATE	-0.57
26	WISCONSIN	0.54	83	DELAWARE	-0.58
27	CHICAGO	0.42	84	SUNY-BUFFALO	-0.58
28	RUTGERS	0.37	85	CALIFORNIA, IRVINE	-0.60
29	NORTH CAROLINA STATE	0.37	86	QUEEN'S	-0.62
30	MCGILL	0.34	87	CALIFORNIA, DAVIS	-0.64
31	INDIANA	0.27	88	MISSOURI	-0.64
32	NORTHWESTERN	0.24	89	TULANE	-0.65
33	PITTSBURGH	0.23	90	ILLINOIS, CHICAGO	-0.67
34	VIRGINIA	0.17	91	OREGON	-0.67
35	MONTREAL	0.15	92	LOUISVILLE	-0.69
36	IOWA	0.15	93	MCMASTER	-0.69
37	MICHIGAN STATE	0.12	94	FLORIDA STATE	-0.71
38	CALGARY	0.07	95	VIRGINIA TECH	-0.72
39	ARIZONA	0.06	96	RICE	-0.72
40	FLORIDA	0.04	97	OKLAHOMA STATE	-0.73
41	TEXAS TECH	0.03	98	MASSACHUSETTS	-0.74
42	GEORGETOWN	0.01	99	WATERLOO	-0.76
43	OTTAWA	-0.06	100	NEBRASKA	-0.80
44	BRIGHAM YOUNG	-0.08	101	COLORADO STATE	-0.80
45	YORK	-0.09	102	CALIFORNIA, SANTA BARBARA	-0.83
46	WASHINGTON U.-ST. LOUIS	-0.13	103	GUELPH	-0.84
47	NOTRE DAME	-0.13	104	SUNY-STONY BROOK	-0.89
48	MIAMI	-0.14	105	CASE WESTERN RESERVE	-0.89
49	MARYLAND	-0.15	106	GEORGIA TECH	-0.93
50	TENNESSEE	-0.15	107	LOUISIANA STATE	-0.93
51	CALIFORNIA, SAN DIEGO	-0.16	108	WASHINGTON STATE	-0.98
52	SASKATCHEWAN	-0.17	109	SOUTHERN ILLINOIS	-1.02
53	GEORGE WASHINGTON	-0.19	110	AUBURN	-1.04
54	PURDUE	-0.21	111	SUNY-ALBANY	-1.06
55	MANITOBA	-0.25	112	CALIFORNIA, RIVERSIDE	-1.09
56	ARIZONA STATE	-0.26	113	OHIO	-1.11
57	UTAH	-0.26	114	KENT STATE	-1.14
			115	HOWARD	-1.23