

ARL Membership Criteria Index, 1993-94

Below is the ARL membership criteria index for 1993-94, arranged both in alphabetic and rank order. The index is a summary measure of relative size among the membership of the association, and is used as quantitative membership criterion for university libraries. The index scores are rounded to two decimal places, which may give the appearance of identical scores (and thus ranks) for some institutions; in fact, when the complete principal component score is calculated, it is extended to at least five places. Each institution has a unique result and place in the rank order.

The five variables used in the index were determined by factor analysis of 22 variables and represent the elements in which ARL university libraries most resemble one another.* The index does not attempt to measure a library's services, quality of collections, or success in meeting the needs of users. In comparing any individual library to ARL medians or other ARL members, evaluations must always be made within the context of local goals and characteristics.

The index is calculated using five data elements:

- number of volumes held
- number of volumes added (gross)
- number of current serials received
- total operating expenditures
- number of professional plus support staff

Note: The 5-variable index was adopted as a membership criterion in May 1987 by the ARL membership. Previous membership criteria were based on a 10-variable index, which had been adopted by the membership in May 1980. The elements used in the 10-variable index were: (1) number of volumes held, (2) number of volumes added (gross), (3) number of microform units held, (4) number of current serials received, (5) expenditures for library materials, (6) expenditures for binding, (7) total salary and wage expenditures, (8) other operating expenditures, (9) number of professional staff, and (10) number of support staff.

ARL MEMBERSHIP INDEX, 1993-94
(Based on Five ARL Variables)

Rank	Institution	Index	Rank	Institution	Index
1	HARVARD	2.46	55	CONNECTICUT	-1.13
2	CALIFORNIA, BERKELEY	1.34	56	NEBRASKA	-1.13
3	YALE	1.26	57	MIAMI	-1.15
4	ILLINOIS, URBANA	1.11	58	KENTUCKY	-1.17
5	CALIFORNIA, LOS ANGELOS	1.10	59	BOSTON	-1.17
6	MICHIGAN	1.05	60	VANDERBILT	-1.19
7	COLUMBIA	1.00	61	MIT	-1.21
8	STANFORD	0.99	62	NOTRE DAME	-1.21
9	TORONTO	0.98	63	WESTERN ONTARIO	-1.21
10	TEXAS	0.97	64	NORTH CAROLINA STATE	-1.21
11	CORNELL	0.77	65	MISSOURI	-1.22
12	WASHINGTON	0.56	66	YORK	-1.23
13	WISCONSIN	0.51	67	SOUTH CAROLINA	-1.24
14	INDIANA	0.41	68	BRIGHAM YOUNG	-1.29
15	MINNESOTA	0.27	69	SYRACUSE	-1.31
16	PENNSYLVANIA STATE	0.26	70	TENNESSEE	-1.32
17	CHICAGO	0.26	71	AUBURN	-1.32
18	PRINCETON	0.21	72	PURDUE	-1.33
19	NORTH CAROLINA	0.09	73	DARTMOUTH	-1.35
20	VIRGINIA	0.03	74	ILLINOIS, CHICAGO	-1.36
21	PENNSYLVANIA	0.02	75	CALIFORNIA, SANTA BARBA	-1.39
22	OHIO STATE	-0.01	76	LOUISIANA STATE	-1.41
23	DUKE	-0.04	77	MASSACHUSETTS	-1.46
24	RUTGERS	-0.09	78	CINCINNATI	-1.47
25	BRITISH COLUMBIA	-0.12	79	FLORIDA STATE	-1.49
26	NEW YORK	-0.14	80	DELAWARE	-1.49
27	ARIZONA	-0.28	81	IOWA STATE	-1.49
28	ARIZONA STATE	-0.28	82	QUEEN'S	-1.51
29	NORTHWESTERN	-0.34	83	TEMPLE	-1.51
30	GEORGIA	-0.34	84	CALIFORNIA, IRVINE & SU	-1.55
31	IOWA	-0.42	85	SOUTHERN ILLINOIS	-1.56
32	PITTSBURGH	-0.48	8	OKLAHOMA	-1.58
33	KANSAS	-0.49	87	OREGON	-1.58
34	ALBERTA	-0.52	88	TULANE	-1.61
35	CALIFORNIA, DAVIS	-0.54	89	VPI & SU	-1.67
36	SOUTHERN CALIFORNIA	-0.55	90	HOWARD	-1.70
37	FLORIDA	-0.55	91	ALABAMA	-1.71
38	MICHIGAN STATE	-0.56	92	ROCHESTER	-1.71
39	JOHNS HOPKINS	-0.69	93	WASHINGTON STATE	-1.73
40	CALIFORNIA, SAN DIEGO	-0.76	94	HOUSTON	-1.75
41	MARYLAND	-0.78	95	OKLAHOMA STATE	-1.76
42	WASHINGTON U.-ST. LOUIS A&M	-0.80	96	SUNY-STONY BROOK	-1.77
43	SUNY-BUFFALO	-0.87	97	MCMASTER	-1.79
44	MCGILL	-0.88	98	SASKATCHEWAN	-1.79
45	EMORY	-0.89	99	COLORADO STATE	-1.84
46	WAYNE STATE	-0.91	100	SUNY-ALBANY	-1.84
47	COLORADO	-0.91	101	MANITOBA	-1.84
48	HAWAII	-0.92	102	GUELPH	-1.89
49	TEXAS A&M	-0.95	103	RICE	-1.90
50	BROWN	-1.01	104	CASE WESTEN RESERVE	-1.93
51	UTAH	-1.02	105	KENT STATE	-1.95
52	GEORGETOWN	-1.08	106	WATERLOO	-1.95
53	NEW MEXICO	-1.08	107	CALIFORNIA, RIVERSIDE	-2.20
54	LAVAL	-1.10	108	GEORGIA TECH	-2.29

ARL MEMBERSHIP INDEX, 1993-94
(Based on Five ARL Valuables - Alphabetical)

Rank	Institution	Index	Rank	Institution	Index
91	ALABAMA	-1.71	61	MIT	-1.21
34	ALBERTA	-0.52	57	MIAMI	-1.15
27	ARIZONA	-0.28	6	MICHIGAN	1.05
28	ARIZONA STATE	-0.29	38	MICHIGAN STATE	-0.56
71	AUBURN	-1.32	15	MINNESOTA	0.27
59	BOSTON	-1.17	65	MISSOURI	-1.22
68	BRIGHAM YOUNG	-1.29	56	NEBRASKA	-1.13
25	BRITISH COLUMBIA	-0.12	53	NEW MEXICO	-1.08
50	BROWN	-1.01	26	NEW YORK	-0.14
2	CALIFORNIA, BERKELEY	1.34	19	NORTH CAROLINA	0.09
35	CALIFORNIA, DAVIS	-0.54	64	NORTH CAROLINA STATE	-1.21
84	CALIFORNIA, IRVINE	-1.55	29	NORTHWESTERN	-0.34
5	CALIFORNIA, LOS ANGELES	1.10	62	NOTRE DAME	-1.21
107	CALIFORNIA, RIVERSIDE	-2.20	22	OHIO STATE	-0.01
40	CALIFORNIA, SAN DIEGO	-0.76	86	OKLAHOMA	-1.58
75	CALIFORNIA, SANTA BARBARA	-1.39	95	OKLAHOMA STATE	-1.76
104	CASE WESTERN RESERVE	-1.93	87	OREGON	-1.58
17	CHICAGO	-0.26	21	PENNSYLVANIA	0.02
78	CINNCINATI	-1.47	16	PENNSYLVANIA STATE	0.26
47	COLORADO	-0.91	32	PITTSBURGH	-0.48
99	COLORADO STATE	-1.84	18	PRINCETON	0.21
7	COLUMBIA	1.00	72	PURDUE	-1.33
55	CONNECTICUT	-1.13	82	QUEEN'S	-1.51
11	CORNELL	0.77	103	RICE	-1.90
73	DARTMOUTH	-1.35	92	ROCHESTER	-1.71
80	DELAWARE	-1.49	24	RUTGERS	-0.09
23	DUKE	0.04	98	SASKATCHEWAN	-1.79
45	EMORY	-0.89	67	SOUTH CAROLINA	-1.24
37	FLORIDA	-0.55	36	SOUTHERN CALIFORNIA	-0.55
79	FLORIDA STATE	-1.49	85	SOUTHERN ILLINOIS	-1.56
52	GEORGETOWN	-1.08	8	STANFORD	0.99
30	GEORGIA	-0.34	100	SUNY-ALBANY	-1.84
108	GEORGIA TECH	-2.29	43	SUNY-BUFFALO	-0.87
102	GUELPH	-1.89	96	SUNY-STONY BROOK	-1.77
1	HARVARD	2.46	69	SYRACUSE	-1.31
48	HAWAII	-0.92	83	TEMPLE	-1.51
94	HOUSTON	-1.75	70	TENNESSEE	-1.32
90	HOWARD	-1.70	10	TEXAS	0.97
74	ILLINOIS, CHICAGO	-1.36	49	TEXAS A&M	-0.95
4	ILLINOIS, URBANA	1.11	9	TORONTO	0.98
14	INDIANA	0.41	88	TULANE	-1.61
31	IOWA	-0.42	51	UTAH	-1.02
81	IOWA STATE	-1.49	60	VANDERBILT	-1.19
39	JOHNS HOPKINS	-0.69	20	VIRGINIA	0.03
33	KANSAS	-0.49	89	VPI & SU	-1.67
105	KENT STATE	-1.95	12	WASHINGTON	0.56
58	KENTUCKY	-1.17	93	WASHINGTON STATE	-1.73
54	LAVAL	-1.10	42	WASHINGTON U.-ST.IOUIS	-0.80
76	LOUISIANA STATE	-1.41	106	WATERLOO	-1.95
44	MCGILL	-0.88	46	WAYNE STATE	-0.91
97	MCMASTER	-1.79	63	WESTERN ONTARIO	-1.21
101	MANITOBA	-1.84	13	WISCONSIN	0.51
41	MARYLAND	-0.78	3	YALE	1.26
77	MASSACHUSETTS	-1.46	66	YORK	-1.23

