

ARL Membership Criteria Index, 1995-96

Below is the ARL membership criteria index for 1995-96, 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, 1995-96
(Based on Five ARL Variables)

Rank	Institution	Index	Rank	Institution	Index
1	HARVARD	2.43	56	NORTH CAROLINA STATE	-1.06
2	YALE	1.27	57	LAVAL	-1.11
3	CALIFORNIA, LOS ANGELES	1.24	58	VANDERBILT	-1.14
4	CALIFORNIA, BERKELEY	1.22	59	BOSTON	-1.15
5	STANFORD	1.11	60	MISSOURI	-1.18
6	ILLINOIS, URBANA	1.09	61	CINCINNATI	-1.18
7	MICHIGAN	0.98	62	MIAMI	-1.24
8	TORONTO	0.97	63	CALIFORNIA, SANTA BARBARA	-1.26
9	COLUMBIA	0.86	64	ILLINOIS, CHICAGO	-1.27
10	TEXAS	0.82	65	TENNESSEE	-1.28
11	CORNELL	0.79	66	IOWA STATE	-1.31
12	WASHINGTON	0.62	67	WESTERN ONTARIO	-1.31
13	INDIANA	0.46	68	NEBRASKA	-1.32
14	WISCONSIN	0.44	69	PURDUE	-1.33
15	MINNESOTA	0.43	70	CALIFORNIA, IRVINE	-1.34
16	PRINCETON	0.23	71	BROWN	-1.35
17	NORTH CAROLINA	0.22	72	AUBURN	-1.35
18	CHICAGO	0.19	73	MIT	-1.40
19	PENNSYLVANIA STATE	0.15	74	LOUISIANA STATE	-1.42
20	VIRGINIA	0.12	75	BRIGHAM YOUNG	-1.43
21	PENNSYLVANIA	0.08	76	MASSACHUSETTS	-1.43
22	OHIO STATE	0.06	77	YORK	-1.43
23	DUKE	0.02	78	HAWAII	-1.44
24	NEW YORK	0.00	79	DARTMOUTH	-1.44
25	RUTGERS	-0.05	80	OREGON	-1.45
26	ALBERTA	-0.12	81	SYRACUSE	-1.45
27	ARIZONA	-0.19	82	OHIO	-1.45
28	PITTSBURGH	-0.20	83	FLORIDA STATE	-1.46
29	BRITISH COLUMBIA	-0.22	84	TEMPLE	-1.51
30	GEORGIA	-0.23	85	VPI & SU	-1.55
31	IOWA	-0.29	86	SOUTHERN ILLINOIS	-1.59
32	NORTHWESTERN	-0.30	87	KENT STATE	-1.62
33	ARIZONA STATE	-0.33	88	QUEEN'S	-1.63
34	FLORIDA	-0.35	89	DELAWARE	-1.66
35	CALIFORNIA, DAVIS	-0.47	90	HOUSTON	-1.67
36	CALIFORNIA, SAN DIEGO	-0.54	91	OKLAHOMA	-1.71
37	MICHIGAN STATE	-0.54	92	TULANE	-1.72
38	SOUTHERN CALIFORNIA	-0.60	93	ROCHESTER	-1.72
39	JOHNS HOPKINS	-0.67	94	OKLAHOMA STATE	-1.74
40	KANSAS	-0.67	95	COLORADO STATE	-1.77
41	WASHINGTON U.-ST. LOUIS	-0.74	96	WASHINGTON STATE	-1.79
42	TEXAS A&M	-0.74	97	ALABAMA	-1.84
43	MARYLAND	-0.79	98	SASKATCHEWAN	-1.85
44	EMORY	-0.81	99	SUNY-STONY BROOK	-1.88
45	MCGILL	-0.88	100	SUNY-ALBANY	-1.90
46	SUNY-BUFFALO	-0.92	101	CALIFORNIA, RIVERSIDE	-1.92
47	NEW MEXICO	-0.98	102	CASE WESTERN RESERVE	-1.95
48	GEORGETOWN	-0.98	103	GEORGIA TECH	-1.96
49	COLORADO	-0.98	104	WATERLOO	-1.97
50	CONNECTICUT	-1.01	105	MANITOBA	-1.99
51	KENTUCKY	-1.01	106	MCMASTER	-2.01
52	WAYNE STATE	-1.03	107	HOWARD	-2.08
53	NOTRE DAME	-1.03	108	RICE	-2.11
54	SOUTH CAROLINA	-1.05	109	GUELPH	-2.27
55	UTAH	-1.06			

ARL MEMBERSHIP INDEX, 1995-96
(Based on Five ARL Valuables - Alphabetical)

Rank	Institution	Index	Rank	Institution	Index
97	ALABAMA	-1.84	7	MICHIGAN	0.98
26	ALBERTA	-0.12	37	MICHIGAN STATE	-0.54
27	ARIZONA	-0.19	15	MINNESOTA	0.43
33	ARIZONA STATE	-0.33	60	MISSOURI	-1.18
72	AUBURN	-1.35	73	MIT	-1.40
59	BOSTON	-1.15	68	NEBRASKA	-1.32
75	BRIGHAM YOUNG	-1.43	47	NEW MEXICO	-0.98
29	BRITISH COLUMBIA	-0.22	24	NEW YORK	0.00
71	BROWN	-1.35	17	NORTH CAROLINA	0.22
4	CALIFORNIA, BERKELEY	1.22	56	NORTH CAROLINA STATE	-1.06
35	CALIFORNIA, DAVIS	-0.47	32	NORTHWESTERN	-0.30
70	CALIFORNIA, IRVINE	-1.34	53	NOTRE DAME	-1.03
3	CALIFORNIA, LOS ANGELES	1.24	82	OHIO	-1.45
101	CALIFORNIA, RIVERSIDE	-2.00	22	OHIO STATE	0.06
36	CALIFORNIA, SAN DIEGO	-0.54	91	OKLAHOMA	-1.71
63	CALIFORNIA, SANTA BARBARA	-1.26	94	OKLAHOMA STATE	-1.74
102	CASE WESTERN RESERVE	-2.02	80	OREGON	-1.45
18	CHICAGO	-0.19	21	PENNSYLVANIA	0.08
61	CINNINCATI	-1.18	19	PENNSYLVANIA STATE	0.15
49	COLORADO	-0.98	28	PITTSBURGH	-0.20
95	COLORADO STATE	-1.77	16	PRINCETON	0.23
9	COLUMBIA	0.91	69	PURDUE	-1.33
50	CONNECTICUT	-1.01	88	QUEEN'S	-1.63
11	CORNELL	0.79	108	RICE	-2.15
79	DARTMOUTH	-1.44	93	ROCHESTER	-1.72
89	DELAWARE	-1.66	25	RUTGERS	-0.05
23	DUKE	0.02	98	SASKATCHEWAN	-1.85
44	EMORY	-0.81	54	SOUTH CAROLINA	-1.05
34	FLORIDA	-0.35	38	SOUTHERN CALIFORNIA	-0.60
83	FLORIDA STATE	-1.46	86	SOUTHERN ILLINOIS	-1.59
48	GEORGETOWN	-0.98	5	STANFORD	1.11
30	GEORGIA	-0.23	100	SUNY-ALBANY	-1.97
103	GEORGIA TECH	-2.04	46	SUNY-BUFFALO	-0.92
109	GUELPH	-2.52	99	SUNY-STONY BROOK	-1.91
1	HARVARD	2.43	81	SYRACUSE	-1.45
78	HAWAII	-1.44	84	TEMPLE	-1.51
90	HOUSTON	-1.67	65	TENNESSEE	-1.28
107	HOWARD	-2.10	10	TEXAS	0.82
64	ILLINOIS, CHICAGO	-1.27	42	TEXAS A&M	-0.74
6	ILLINOIS, URBANA	1.09	8	TORONTO	0.97
13	INDIANA	0.46	92	TULANE	-1.72
31	IOWA	-0.29	55	UTAH	-1.06
66	IOWA STATE	-1.31	58	VANDERBILT	-1.14
39	JOHNS HOPKINS	-0.67	20	VIRGINIA	0.12
40	KANSAS	-0.67	85	VPI & SU	-1.55
87	KENT STATE	-1.62	12	WASHINGTON	0.62
51	KENTUCKY	-1.01	96	WASHINGTON STATE	-1.79
57	LAVAL	-1.11	41	WASHINGTON U.-ST.LOUIS	-0.74
74	LOUISIANA STATE	-1.42	104	WATERLOO	-2.05
105	MANITOBA	-2.08	52	WAYNE STATE	-1.03
43	MARYLAND	-0.79	67	WESTERN ONTARIO	-1.31
76	MASSACHUSETTS	-1.43	14	WISCONSIN	0.44
45	MCGILL	-0.88	2	YALE	1.27
106	MCMASTER	-2.09	77	YORK	-1.43
62	MIAMI	-1.24			