

Berkeley in Other Rankings

Rankings are indicator/weighting dependent. Berkeley continues to rank among the top 10 worldwide when the indicators focus on academic excellence, faculty and research quality. The list below shows Berkeley's rank both globally and nationally for 2015 (or 2014 if this year's data is not yet released) and the indicators used by each publisher in preparing their ranking.

Academic Ranking of World Universities (Shanghai Jiao Tong University, China)

Berkeley: 4th worldwide (1st U.S. Public)

Indicators: alumni & staff w/Nobels & Fields Medals, citations weighted by academic FTE

THE World Reputation Rankings (Times Higher Education, U.K.)

Berkeley: 6th worldwide (1st U.S. Public)

Indicators: invitation-only academic opinion survey (9,794 responses from 142 countries)

Center for World University Rankings (CWUR, Saudi Arabia)

Berkeley: 6th worldwide (1st U.S. Public)

Indicators: faculty & alumni awards, alumni CEOs, publication influence, citation impact, patents

THE World Rankings (Times Higher Education, U.K.)

Berkeley: 8th worldwide (6th U.S. Public)

Indicators: reputation, stu/fac ratio, research, citations, industry funding, international faculty & research

Money Magazine's Best Colleges (Money Magazine, U.S.)

Berkeley: na worldwide (1st U.S. Public among highly selective institutions)

Indicators: quality, affordability, student outcomes

Washington Monthly National University Rankings (Washington Monthly, U.S.)

Berkeley: na worldwide (4th U.S. Public)

Indicators: Pell grants, net price, graduation rate, research expenditures, faculty awards, public service

QS World University Rankings (Quacquarelli Symonds, U.K.)

Berkeley: 2014 release -- 27th worldwide (15th U.S. Public)

Indicators: academic & employer reputation, faculty/student ratio, citations, international faculty & students

The Office of Planning & Analysis responds to the USNWR survey for *America's Best Colleges* each April by providing responses to all questions used as ranking indicators, any admissions related information and any question that appears in the Common Data Set. For more information, please visit our website at <http://opa.berkeley.edu>, or send email to alanu@berkeley.edu.

UC Berkeley in the U.S. News & World Report's 2016 Guide to America's Best Colleges

September, 2015

The U.S. News and World Report (U.S. News) annual rankings of undergraduate institutions in the United States were released September 9, 2015. **U.C. Berkeley was again ranked 1st among public National Universities** (those offering doctoral degrees and emphasizing faculty research), marking 18 years in the top position. UCLA was second among publics (23rd nationally) followed by Virginia (26th) and Michigan (29th). **Berkeley remained 20th overall** although the composite score dropped two to 77. Princeton was ranked 1st, followed by Harvard 2nd, Yale 3rd, and Columbia, Chicago and Stanford tied at 4th. MIT was 7th, Duke 8th, Pennsylvania 9th, Cal-Tech and Johns Hopkins 10th. Top schools are shown in the two lists below. Berkeley peers are shown in green.

All National Universities

1. Princeton
2. Harvard
3. Yale
4. Chicago
4. Columbia
4. Stanford
7. MIT
8. Duke
9. Pennsylvania
10. Cal Tech
10. Johns Hopkins
12. Dartmouth
12. Northwestern
14. Brown
15. Cornell
15. Vanderbilt
15. Washington St.Louis
18. Rice
18. Notre Dame
20. **UC Berkeley**
21. Emory
21. Georgetown
23. Carnegie Mellon
23. **UCLA**
23. USC
26. Virginia
27. Tufts
27. Wake Forest
29. Michigan
30. Boston College
30. North Carolina

Private institutions are shown in *italics*.

Berkeley peers are shown in **green**.

National Public Universities

1. **UC Berkeley**
2. **UCLA**
3. Virginia
4. Michigan
5. North Carolina
6. William and Mary (VA)
7. Georgia Tech
8. UC Santa Barbara
9. UC Irvine
9. **UC San Diego**
11. UC Davis
11. Illinois
11. Wisconsin
14. Penn State
14. Florida
16. Ohio State
16. Texas
16. Washington
19. Connecticut
19. Maryland
21. Clemson
21. Purdue
21. Georgia
24. Pittsburgh
25. Minnesota
26. Texas A&M
26. Virginia Tech
28. Rutgers
29. (5-way tie)
34. UC Santa Cruz
57. UC Riverside

Among public institutions, six University of California campuses ranked among the top eleven. (UCSF and UC Merced are not ranked in this category.) UCLA also dropped 2 points in composite score but retained its rank at 23.

Nationally, Santa Barbara moved up three spots to 37th and Irvine is up three to 39th while San Diego fell two to 39th and Davis fell three to 41st. Santa Cruz improved three to 82nd but Riverside fell eight to 121st.

Again Berkeley is 2nd to UCLA's top spot in the percentage of undergraduates receiving Pell grants, and 8th among national universities with the least student debt upon graduation.

Berkeley again ranked 2nd in undergraduate business programs tied with MIT behind Penn, and 3rd in undergraduate engineering programs behind top-ranked MIT and Stanford.

In reputation among high school guidance counselors, Berkeley was 14th behind 13 private institutions, followed by North Carolina which ranked 22nd.

This page describes U.S. News and World Report's Methodology for the 2016 Guide.

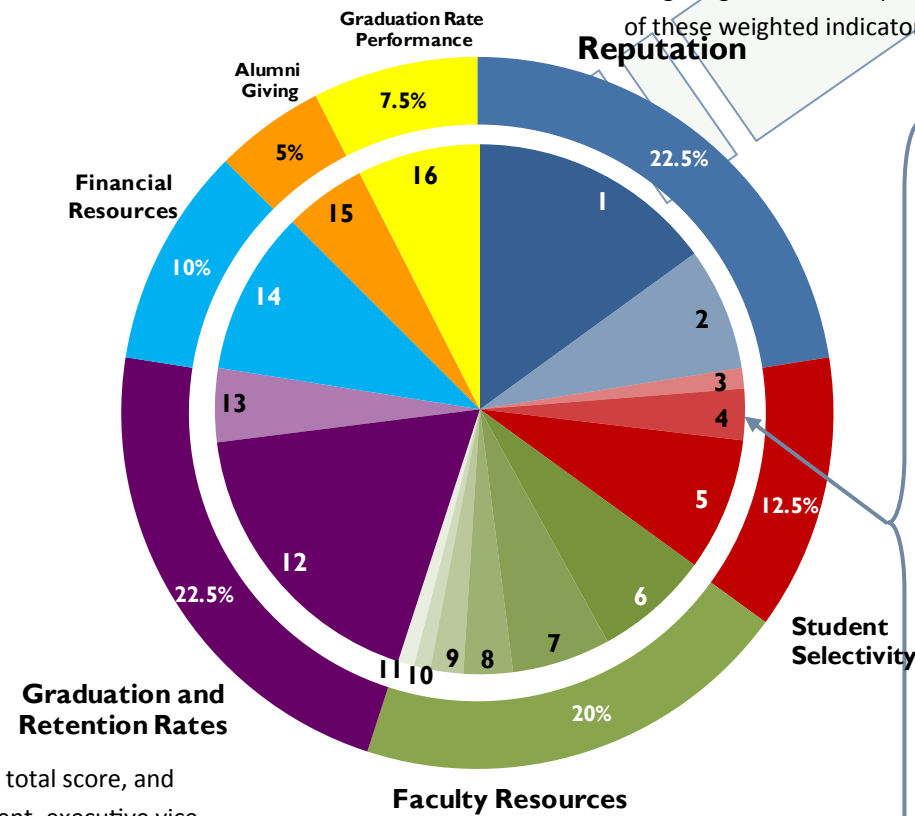
Sixteen indicators grouped into seven categories are used to develop a composite score for each school. Indicator data is manipulated in various ways, and each data element is weighted to determine its contribution to the composite score. There were no changes in the indicators used or their associated weightings from the prior year.

Controversies over rankings most frequently relate to methodology: the indicators chosen and what they are meant to measure, the rationale for assigning relative weights to each indicator, the concept of measuring the quality of complex organizations through a small set of data points.

Indicators: The 16 indicators suggest overlaps and gaps in an overall assessment of undergraduate education. Student graduation and retention rates appear in three indicators (11, 12 and 15), while class size is used twice (6 and 8) with 6% of the total score based on percentage of small classes and 2% on percentage of large classes. The potential gaps depend on one's concerns, but might include the value of research, student and faculty diversity, major and course offerings, level of financial aid, or exposure to graduate-level education. Alumni giving is used as a proxy for alumni satisfaction, but perhaps it more readily measures wealth after graduation, or the success of a university relations office. Indicator choice and weighting in any ranking should be examined for integrity and validity.

Academic Reputation: This indicator is again valued at 22.5% of total score, and contains two components. Three top administrators (the president, executive vice president and director of admissions) from each national university are asked to rate every national institution on a 5-point scale, worth 15% of the 22.5%. The other 7.5% comes from the same ratings by high school guidance counselors. The two highest and lowest scores for each school are eliminated, and one value is reported for the indicator. UC Berkeley scored a 4.7 in academic reputation ranking 6th.

Graduation Rate Performance: The weighting of this indicator is 7.5%. According to U.S. News, "This indicator of added value shows the effect of the college's programs and policies on the graduation rate of students after controlling for spending and student characteristics such as test scores and the proportion receiving Pell grants." A predicted six-year graduation rate is calculated and compared to the actual rate. This year, Berkeley's predicted rate was 92% (5 percentage points higher than last year) while the actual rate was 91%.



Berkeley's Data: This table shows Berkeley's rank for each of the seven categories of indicators, which are translated into a normalized composite score (79) that is then rank ordered (20th) in the list of national universities to the right.

Assigned Weights: As shown below, U.S. News assigns a weight to each indicator. The rationale behind the chosen weightings is not made public. The list to the right shows that each university is given a composite score derived from a tally of these weighted indicators, which is then normalized to the highest score (Harvard and/or Princeton usually score 100).

15 Component Indicators (center pie)		Weight	Berkeley Data Source	
1	Academic Reputation	15.0%	4.7 of 5.0	survey (see text box for detail)
2	H.S. Counselor Reputation	7.5%	4.7 of 5.0	survey (see text box for detail)
<u>Student Selectivity</u>				
3	Admit Rate	1.25%	16%	Common Data Set
4	% in Top 10% in HS	3.125%	98%	Common Data Set
5	SAT/ACT Scores	8.125%	1290/1490	Common Data Set
<u>Faculty Resources</u>				
6	Average Faculty Compensation	7.0%	est. \$190,000	AAUP (2 year avg COLA adjusted)
7	% Classes Under 20	6.0%	59%	Common Data Set
8	% Faculty w/Terminal Degree	3.0%	99%	OPA estimate
9	% Classes Over 50	2.0%	15%	Common Data Set
10	% Full-Time Faculty FTE	1.0%	89%	UCOP (PT = .333 FTE)
11	Student/Faculty Ratio	1.0%	17/1	Common Data Set
<u>Graduation & Retention Rates</u>				
12	6 Year Graduation Rate	18.0%	91%	Common Data Set (2 year average)
13	1st Year Retention Rate	4.5%	97%	Common Data Set (2 year average)
14	Expenditures per Student	10.0%	est. \$45,000	IPEDS (2 fiscal year avg; logarithmic transformed then standardized)
15	% Alumni Who Gave	5.0%	13%	University Relations; USNWR calculates 2 year average
16	Predicted vs Actual Grad. Rate	7.5%	92% v 91%	USNWR calculates; regression model using 4 variables for "predicted" rate

Berkeley Rankings - 2016 Guide

(composite score = 77)

- 20 Overall Ranking
- 1 Public University Ranking
- 6 Academic Reputation
- 20 Student Selectivity
- 33 Faculty Resources
- 23 Graduation & Retention Rates
- 39 Financial Resources
- 84 Alumni Giving

2015 Guide National Rankings		
Composite Score	University	Rank
100	Princeton	1
99	Harvard	2
97	Yale	3
95	Chicago	4
95	Columbia	4
95	Stanford	4
93	MIT	7
92	Duke	8
91	Pennsylvania	9
90	Cal Tech	10
90	Johns Hopkins	10
89	Dartmouth	12
89	Northwestern	12
85	Brown	14
84	Cornell	15
84	Vanderbilt	15
84	Washington StL	15
82	Rice	18
82	Notre Dame	18
77	UC Berkeley	20
76	Emory	21
76	Georgetown	21
74	Carnegie Mellon	23
74	UCLA	23
74	USC	23
73	Virginia	26
72	Tufts	27
72	Wake Forest	27
71	Michigan	29
68	Boston C.	30
68	N Carolina	30

Academics Rank Specialties in Undergraduate Business and Engineering. U.S. News surveys peer academics in the ranking of undergraduate Business and Engineering programs, and the specialty or sub-discipline units within these disciplines. These surveys are based solely on scoring peer universities on a 1 to 5 scale. As shown below, **Berkeley remained 2nd in Business and remained 3rd in Engineering overall.** Values in parenthesis indicate change in Berkeley's rank from the 2015 survey; zero indicates no change.

BUSINESS (survey responses from business deans and senior faculty)

1. Pennsylvania 4.8
2. UC Berkeley 4.6 (0)
3. MIT 4.6
3. Michigan 4.5
5. NYU 4.4

Business specialty fields:

- Entrepreneurship** Babson, MIT, USC, **UCB 4th (na)**
- Finance** Penn, NYU, Michigan, MIT, **UCB 5th (0)**
- International** SCarolina, NYU, USC, Penn, **UCB 5th (na)**
- Management** Michigan, Penn, **UCB 3rd (+1)**
- Marketing** Penn, Michigan, NYU, **UCB 4th (+1)**
- Prod./Ops. Mgt.** MIT, CMellon, Purdue, Michigan, **UCB 5th (na)**
- Quant. Analysis/Meth.** MIT, CMellon, Penn, **UCB 4th (+1)**
- Real Estate** Penn, Wisconsin, Georgia, **UCB 4th (-1)**

ENGINEERING (survey responses from engineering deans and senior faculty)

1. MIT 4.8
1. Stanford 4.8
3. UC Berkeley 4.7 (0)
4. Cal Tech 4.6
5. Illinois 4.4

Engineering specialty fields:

- Chemical** MIT, **UCB 2nd (0)**
- Civil** **UCB 1st (+2)**
- Comp. Engr.** MIT, Stanford, CMellon, **UCB 4th (0)**
- Electrical/Elect./Com.** MIT, Stanford, **UCB 3rd (0)**
- Eng. Sci./Eng. Physics** MIT, Illinois, **UCB 3rd (-1)**
- Env'l/Env'l Health** **UCB 1st (0)** tied Stanford
- Industrial/Manuf.** GaTech, Michigan, **UCB 3rd (0)**
- Materials** MIT, Illinois, **UCB 3rd (0)**
- Mechanical** MIT, GaTech, **UCB 3rd (+1)**