

# 2013 Academic Ranking of World Universities (ARWU)

## Fact Sheet



The annual ARWU global rankings of universities released August 15, 2013 places UC Berkeley 3rd overall behind Harvard and Stanford. This represents an improvement over last year's 4th place ranking, now held by MIT.

**Berkeley is ranked third in the world using the Shanghai Jiao Tong University methodology which focuses on quality of faculty and research.**

### Top Ten Universities in 2013

World Rank	Institution	Total Score
1	Harvard	100
2	Stanford	72.6
<b>3</b>	<b>Berkeley</b>	<b>71.3</b>
4	MIT	71.1
5	Cambridge	69.6
6	Cal Tech	62.9
7	Princeton	61.9
8	Columbia	59.8
9	Chicago	57.1
10	Oxford	55.9

The table above shows Harvard with a large advantage in total score, followed by a relatively close range of scores for Stanford, Berkeley, MIT and Cambridge.

The methodology again uses four criteria to measure quality of education (worth 10% of the total), quality of faculty (40%), research output (40%), and per capita academic performance (10%). More specifically, these include Nobel Prize and Fields Medal winners among faculty and alumni weighted by decade received, highly-cited researchers from 21 subject areas, the number of papers in *Nature* and *Science* published between 2008 and 2012, the number of papers indexed in Science Citation and Social Science Citation in 2012. The weighted scores of these indicators are divided by the FTE of academic staff to obtain the per capita performance rating.

The total score is derived by summing these and each institutional score is then standardized to the top scoring university which is assigned 100.

The same methodology is applied to broad fields of academic study to produce rankings within (**Berkeley's rank** is shown): Natural Sciences and Mathematics (**2**), Engineering/Technology and Computer Sciences (**3**), Social Sciences (**5**), Life and Agricultural Sciences (**14**), Clinical Medicine and Pharmacy (**30**).

Additionally, this methodology is applied to specific subject areas: Chemistry (**2**), Mathematics (**3**), Physics (**3**), Computer Science (**3**), and Economics/Business (**5**). Berkeley's score increased from 3rd to 2nd in Chemistry, and remained the same for all other subject areas.

**Berkeley is again the top-ranked public U.S. university, followed by UCLA (12th), UCSD (14th) and UCSF (18th).**

More details on the ARWU methodology can be found at [www.shanghairankings.com/ARWU-Methodology-2013.html](http://www.shanghairankings.com/ARWU-Methodology-2013.html).

The complete list of academic rankings for 2013 and prior years going back to 2003 is available on the web at [www.shanghairanking.com/ARWU2013.html](http://www.shanghairanking.com/ARWU2013.html). Each institution's total score is shown, as is an interactive feature that will display the component metric scores.

Please visit the OPA web site [www.opa.berkeley.edu](http://www.opa.berkeley.edu) for additional news on Berkeley's rankings. We will produce a detailed briefing note on the U.S. News *America's Best Colleges* ranking expected to be released later this month, and we occasionally report on other rankings and how the various methodologies impact Berkeley's results.