

Year-to-Year Mechanical Engineering Faculty and Student/Faculty Ratio Increases at Top 30 Engineering Schools

USN&WR 2016 Rank	School (Private Schools in Bold)	Year-to-Year M.E. T/TT Faculty Increase						Year-to-Year M.E. Student-Faculty Ratio Increase					
		2010-11	2011-12	2012-13	2013-14	2014-15	2015-16	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
1	Massachusetts Institute of Technology	-1.4%	+0.0%	+2.9%	+0.0%	-1.4%	+1.4%	-12.1%	+2.8%	-0.6%	+1.9%	-5.3%	-0.3%
2	Stanford University	+10.3%	+3.1%	+12.1%	+5.4%	-5.1%	-2.7%	-12.9%	+3.8%	+10.0%	+22.9%	-5.7%	+8.2%
3	University of California—Berkeley	+0.0%	+7.5%	-2.3%	+2.4%	-4.7%	+2.4%	+7.6%	-21.4%	-2.9%	+12.8%	+5.1%	-1.2%
4	California Institute of Technology	+10.0%	+0.0%	-9.1%	+20.0%	+0.0%	+25.0%	-12.8%	+16.1%	-18.5%	-32.3%	+30.8%	-17.2%
5	Carnegie Mellon University	+8.7%	-8.0%	+4.3%	-25.0%	+44.4%	+3.8%	+6.1%	+15.6%	+1.3%	+42.9%	-41.2%	+12.8%
6	University of Michigan—Ann Arbor	+1.7%	+4.9%	-3.1%	-3.2%	+3.3%	-1.6%	-1.3%	+18.0%	+9.6%	+10.2%	+5.4%	-5.4%
7	Georgia Institute of Technology	-4.8%	+7.6%	+5.9%	+3.3%	+3.2%	+1.0%	+8.3%	-0.5%	+5.3%	-0.5%	+1.4%	+22.3%
7	University of Illinois—Urbana-Champaign	+2.0%	-3.9%	+0.0%	+8.2%	+3.8%	+1.8%	-3.2%	+11.5%	+12.8%	-3.9%	-1.5%	-0.4%
9	Purdue University—West Lafayette	-5.4%	-3.8%	-2.0%	+0.0%	+16.0%	+0.0%	+17.6%	+16.3%	+11.2%	+2.1%	-14.1%	+3.4%
10	University of Texas—Austin	+3.3%	+0.0%	+3.2%	+3.1%	-6.1%	+1.6%	-5.1%	+2.6%	+2.4%	-2.3%	+19.0%	-10.3%
11	Texas A&M University—College Station	-15.8%	-2.1%	-8.5%	+16.3%	+6.0%	+3.8%	+26.5%	-1.5%	+15.6%	-13.3%	-0.3%	+7.8%
12	Cornell University*	-9.3%	+0.0%	+5.1%	+2.4%	-9.5%	+2.6%	+8.5%	+13.8%	+4.6%	-3.0%	+3.7%	-4.9%
12	University of Southern California*	+0.0%	-9.1%	-5.0%	+0.0%	+0.0%	-10.5%	+8.6%	+16.7%	-7.2%	-0.8%	+3.9%	+11.3%
14	Columbia University	+0.0%	+0.0%	+0.0%	+0.0%	+9.1%	-8.3%	-5.6%	-11.1%	-2.5%	+25.6%	-27.7%	+40.1%
14	University of California—Los Angeles*	-6.5%	+0.0%	+3.4%	+3.3%	+6.5%	+6.1%	-6.3%	-4.4%	-10.6%	+1.3%	+2.6%	+15.1%
17	University of California—San Diego*	+2.7%	+2.6%	+2.6%	+5.0%	+0.0%	+0.0%	-22.2%	-17.8%	-19.9%	-1.5%	+9.4%	+13.7%
18	Princeton University **	-4.3%	+9.1%	-4.2%	+4.3%	+29.2%	-35.5%	+6.5%	-5.5%	-3.2%	-7.9%	-26.3%	+66.1%
19	Northwestern University	+14.3%	+4.2%	-16.0%	+9.5%	+4.3%	-4.2%	-6.5%	-8.8%	+32.7%	-0.2%	+1.6%	-46.6%
19	University of Pennsylvania	+7.7%	+0.0%	+7.1%	+6.7%	+0.0%	+6.3%	-1.8%	+0.0%	-3.9%	+12.3%	+5.2%	-9.5%
21	Johns Hopkins University	-5.6%	+5.9%	+0.0%	+5.6%	+10.5%	-4.8%	+16.7%	+1.3%	+1.2%	+6.9%	-0.2%	-6.8%
21	Virginia Polytechnic Institute and State U	+8.9%	+4.1%	-5.9%	-2.1%	+4.3%	+6.1%	-5.7%	+4.2%	+7.2%	+10.8%	-8.2%	-4.5%
23	University of California—Santa Barbara	+0.0%	+0.0%	-8.3%	-13.6%	+5.3%	+25.0%	+4.3%	-6.8%	+13.1%	+17.2%	-9.1%	-17.1%
24	Harvard University	---	---	---	---	---	---	---	---	---	---	---	---
24	University of Maryland—College Park	-2.4%	+0.0%	+4.9%	+2.3%	+0.0%	-2.3%	+16.9%	+13.2%	+9.0%	+8.1%	-32.9%	+54.6%
24	University of Washington	+7.4%	-3.4%	+10.7%	-3.2%	+0.0%	+3.3%	+1.6%	+8.4%	-4.2%	+12.0%	+9.7%	-5.7%
27	North Carolina State University	+5.1%	+0.0%	-4.9%	+2.6%	+7.5%	-2.3%	-3.1%	-5.8%	-6.2%	-3.1%	+3.9%	+16.4%
27	Pennsylvania State University	+0.0%	+2.6%	+5.1%	+2.4%	-7.1%	+15.4%	-2.4%	+3.3%	+7.9%	+1.2%	+14.6%	-3.9%
27	University of Minnesota—Twin Cities	+2.8%	+5.4%	-5.1%	+2.7%	+5.3%	+5.0%	+0.3%	-2.9%	-4.2%	-0.3%	-13.2%	+0.3%
30	Duke University	-4.3%	-4.5%	+14.3%	+8.3%	+0.0%	+0.0%	+14.5%	+12.6%	+3.5%	-29.5%	+15.5%	-11.9%
31	Ohio State University	-5.1%	-3.6%	+5.6%	+3.5%	-6.8%	+5.5%	+4.2%	+13.9%	-4.9%	-3.8%	-0.4%	-1.0%
31	Rice University***	+6.7%	+0.0%	-43.8%	+0.0%	+0.0%	+22.2%	+3.5%	+6.1%	+85.7%	+1.2%	+13.3%	-17.3%
	Total or Average for 31 Schools	-0.5%	+0.9%	+0.1%	+2.3%	+2.4%	+1.5%	+2.4%	+3.3%	+3.7%	+1.7%	-2.5%	+5.6%

* Faculty number includes Aerospace Engineering. ** Undergraduate enrollment at Princeton includes Aerospace Engineering.

*** Faculty number at Rice includes Materials Science until 2012.

Note: Undergraduate enrollments do not include freshmen.

Source: <http://profiles.asee.org>