

Cumulative Mechanical Engineering Faculty and Student/Faculty Ratio Increases at Top 30 Engineering Schools

USN&WR 2016 Rank	School (Private Schools in Bold)	Cumulative M.E. T/TT Faculty Increase						Cumulative M.E. Student-Faculty Ratio Increase					
		2010-11	2010-12	2010-13	2010-14	2010-15	2010-16	2010-11	2010-12	2010-13	2010-14	2010-15	2010-16
1	Massachusetts Institute of Technology	-1.4%	-1.4%	+1.4%	+1.4%	+0.0%	+1.4%	-12.1%	-9.7%	-10.2%	-8.5%	-13.4%	-13.6%
2	Stanford University	+10.3%	+13.8%	+27.6%	+34.5%	+27.6%	+24.1%	-12.9%	-9.6%	-0.5%	+22.3%	+15.3%	+24.7%
3	University of California—Berkeley	+0.0%	+7.5%	+5.0%	+7.5%	+2.5%	+5.0%	+7.6%	-15.4%	-17.9%	-7.4%	-2.6%	-3.8%
4	California Institute of Technology	+10.0%	+10.0%	+0.0%	+20.0%	+20.0%	+50.0%	-12.8%	+1.2%	-17.5%	-44.2%	-27.0%	-39.5%
5	Carnegie Mellon University	+8.7%	+0.0%	+4.3%	-21.7%	+13.0%	+17.4%	+6.1%	+22.6%	+24.2%	+77.4%	+4.3%	+17.7%
6	University of Michigan—Ann Arbor	+1.7%	+6.7%	+3.3%	+0.0%	+3.3%	+1.7%	-1.3%	+16.5%	+27.6%	+40.7%	+48.3%	+40.3%
7	Georgia Institute of Technology	-4.8%	+2.4%	+8.4%	+12.0%	+15.7%	+16.9%	+8.3%	+7.7%	+13.5%	+13.0%	+14.6%	+40.1%
7	University of Illinois—Urbana-Champaign	+2.0%	-2.0%	-2.0%	+6.0%	+10.0%	+12.0%	-3.2%	+7.8%	+21.6%	+16.9%	+15.2%	+14.7%
9	Purdue University—West Lafayette	-5.4%	-8.9%	-10.7%	-10.7%	+3.6%	+3.6%	+17.6%	+36.7%	+52.1%	+55.4%	+33.4%	+38.0%
10	University of Texas—Austin	+3.3%	+3.3%	+6.7%	+10.0%	+3.3%	+5.0%	-5.1%	-2.7%	-0.3%	-2.6%	+15.9%	+3.9%
11	Texas A&M University—College Station	-15.8%	-17.5%	-24.6%	-12.3%	-7.0%	-3.5%	+26.5%	+24.5%	+44.0%	+24.9%	+24.5%	+34.2%
12	Cornell University*	-9.3%	-9.3%	-4.7%	-2.3%	-11.6%	-9.3%	+8.5%	+23.4%	+29.1%	+25.2%	+29.8%	+23.4%
12	University of Southern California*	+0.0%	-9.1%	-13.6%	-13.6%	-13.6%	-22.7%	+8.6%	+26.8%	+17.6%	+16.7%	+21.2%	+35.0%
14	Columbia University	+0.0%	+0.0%	+0.0%	+0.0%	+9.1%	+0.0%	-5.6%	-16.1%	-18.2%	+2.8%	-25.6%	+4.2%
14	University of California—Los Angeles*	-6.5%	-6.5%	-3.2%	+0.0%	+6.5%	+12.9%	-6.3%	-10.4%	-19.9%	-18.8%	-16.7%	-4.2%
17	University of California—San Diego*	+2.7%	+5.4%	+8.1%	+13.5%	+13.5%	+13.5%	-22.2%	-36.1%	-48.8%	-49.6%	-44.9%	-37.3%
18	Princeton University **	-4.3%	+4.3%	+0.0%	+4.3%	+34.8%	-13.0%	+6.5%	+0.7%	-2.5%	-10.3%	-33.8%	+9.9%
19	Northwestern University	+14.3%	+19.0%	+0.0%	+9.5%	+14.3%	+9.5%	-6.5%	-14.7%	+13.2%	+13.0%	+14.8%	-38.6%
19	University of Pennsylvania	+7.7%	+7.7%	+15.4%	+23.1%	+23.1%	+30.8%	-1.8%	-1.8%	-5.6%	+6.1%	+11.6%	+1.0%
21	Johns Hopkins University	-5.6%	+0.0%	+0.0%	+5.6%	+16.7%	+11.1%	+16.7%	+18.2%	+19.7%	+27.9%	+27.6%	+18.9%
21	Virginia Polytechnic Institute and State U	+8.9%	+13.3%	+6.7%	+4.4%	+8.9%	+15.6%	-5.7%	-1.8%	+5.2%	+16.6%	+7.1%	+2.3%
23	University of California—Santa Barbara	+0.0%	+0.0%	-8.3%	-20.8%	-16.7%	+4.2%	+4.3%	-2.8%	+10.0%	+28.8%	+17.2%	-2.9%
24	Harvard University	---	---	---	---	---	---	---	---	---	---	---	---
24	University of Maryland—College Park	-2.4%	-2.4%	+2.4%	+4.8%	+4.8%	+2.4%	+16.9%	+32.4%	+44.3%	+56.0%	+4.7%	+61.9%
24	University of Washington	+7.4%	+3.7%	+14.8%	+11.1%	+11.1%	+14.8%	+1.6%	+10.1%	+5.5%	+18.1%	+29.6%	+22.3%
27	North Carolina State University	+5.1%	+5.1%	+0.0%	+2.6%	+10.3%	+7.7%	-3.1%	-8.7%	-14.3%	-17.0%	-13.7%	+0.4%
27	Pennsylvania State University	+0.0%	+2.6%	+7.9%	+10.5%	+2.6%	+18.4%	-2.4%	+0.8%	+8.8%	+10.1%	+26.1%	+21.2%
27	University of Minnesota—Twin Cities	+2.8%	+8.3%	+2.8%	+5.6%	+11.1%	+16.7%	+0.3%	-2.6%	-6.7%	-7.0%	-19.3%	-19.0%
30	Duke University	-4.3%	-8.7%	+4.3%	+13.0%	+13.0%	+13.0%	+14.5%	+28.9%	+33.4%	-5.9%	+8.6%	-4.3%
31	Ohio State University	-5.1%	-8.5%	-3.4%	+0.0%	-6.8%	-1.7%	+4.2%	+18.7%	+12.9%	+8.6%	+8.1%	+7.1%
31	Rice University***	+6.7%	+6.7%	-40.0%	-40.0%	-40.0%	-26.7%	+3.5%	+9.8%	+104%	+106%	+134%	+93.4%
	Total or Average for 31 Schools	-0.5%	+0.5%	+0.5%	+2.8%	+5.3%	+6.8%	+2.4%	+5.8%	+9.6%	+11.5%	+8.7%	+14.8%

* 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>