

TABLE 7-21

Top academic institutions awarding S&E doctoral degrees, by sex of recipient: 2012–16

(Number)

Academic institution	Doctorate recipients
Female	
All institutions	78,095
Top 50 institutions	37,251
Alliant International U., San Diego	1,308
U. Michigan, Ann Arbor	1,143
U. California, Berkeley	1,093
U. Wisconsin-Madison	1,028
U. Florida	1,022
U. California, Davis	999
Stanford U.	973
Harvard U.	951
U. California, Los Angeles	922
U. Minnesota, Twin Cities	916
Capella U.	886
Texas A&M U., College Station and Health Science Center	879
U. Illinois, Urbana-Champaign	874
U. Washington, Seattle	874
Purdue U.	867
U. Texas, Austin	839
Walden U.	820
Ohio State U.	819
Cornell U.	775
Rutgers, State U. New Jersey, New Brunswick	775
Pennsylvania State U.	766
Columbia U. in the City of New York	758
U. California, San Diego	754
Massachusetts Institute of Technology	749
North Carolina State U.	743
U. North Carolina, Chapel Hill	724
Johns Hopkins U.	722
U. Maryland, College Park	719
CUNY, Graduate Center	686
Duke U.	683
Michigan State U.	676
U. Pennsylvania	669
Northwestern U.	637
U. Southern California	621
Virginia Polytechnic Institute and State U.	613
Georgia Institute of Technology	607
U. Arizona	607
Yale U.	607
U. Pittsburgh, Pittsburgh	594
U. California, Irvine	583
Boston U.	556
Arizona State U., Tempe	534
U. Colorado Boulder	522
U. Georgia	503
New York U.	495
U. Chicago	485
U. Connecticut	481
Vanderbilt U.	467
U. Illinois, Chicago	465

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SUNY, Stony Brook U.	462
Other institutions	40,844
Male	
All institutions	111,362
Top 50 institutions	60,238
U. Michigan, Ann Arbor	2,028
Stanford U.	2,026
U. California, Berkeley	1,975
Massachusetts Institute of Technology	1,922
U. Illinois, Urbana-Champaign	1,912
Purdue U.	1,861
Georgia Institute of Technology	1,845
U. Texas, Austin	1,824
Texas A&M U., College Station and Health Science Center	1,767
U. Florida	1,721
U. Wisconsin-Madison	1,632
U. California, Los Angeles	1,604
U. Minnesota, Twin Cities	1,547
Pennsylvania State U.	1,506
Ohio State U.	1,492
U. Maryland, College Park	1,383
U. California, San Diego	1,341
Harvard U.	1,312
U. Washington, Seattle	1,293
U. California, Davis	1,266
Virginia Polytechnic Institute and State U.	1,260
North Carolina State U.	1,234
Cornell U.	1,167
U. California, Irvine	1,047
U. Southern California	1,043
Columbia U. in the City of New York	1,023
Northwestern U.	1,022
Carnegie Mellon U.	995
Michigan State U.	993
Arizona State U., Tempe	988
U. Colorado Boulder	981
Johns Hopkins U.	972
Princeton U.	928
U. Pennsylvania	915
U. Arizona	897
Iowa State U.	884
Duke U.	865
Rutgers, State U. New Jersey, New Brunswick	859
U. Pittsburgh, Pittsburgh	812
U. California, Santa Barbara	805
Boston U.	774
U. Chicago	761
U. Utah	759
U. North Carolina, Chapel Hill	758
Yale U.	750
U. Virginia	704
SUNY, Stony Brook U.	703

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Academic institution	Doctorate recipients
U. Tennessee, Knoxville	698
New York U.	697
California Institute of Technology	687
Other institutions	51,124

S&E = science and engineering.

Note(s)

Institutions awarding the same number of degrees are listed alphabetically. Data in this table differ from doctoral degree data in this report that are based on the National Center for Science and Engineering Statistics' Survey of Earned Doctorates (SED). SED data are for research doctorates only. The greatest differences are in psychology, education, and medical and other health sciences. Before 2008, the National Center for Education Statistics (NCES) used two doctoral degree categories: doctor's and first-professional. In 2008 and 2009, NCES allowed optional reporting in three new doctoral degree categories: doctor's—research or scholarship, doctor's—professional practice, and doctor's—other. In 2010, NCES required institutions to use only the three new doctoral degree categories. With the new reporting system, degrees formerly classified as first-professional (e.g., MDs and JDs) can be reported as doctoral degrees, most often as doctor's—professional practice. In this table, data for 2008 and 2009 include only doctorates reported under the old doctor's degree category plus those reported as doctor's—research or scholarship. Data for 2010 and later include only doctorates reported as doctor's—research or scholarship. Data are based on degree-granting institutions eligible to participate in Title IV federal financial aid programs and do not match previously published data that were based on accredited higher education institutions.

Source(s)

National Science Foundation, National Center for Science and Engineering Statistics, special tabulations of U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey, unrevised release provisional data.