

ENGINEERING BY THE NUMBERS

BY JOSEPH ROY, PH.D.

In 2018, 393 institutions in the United States awarded at least one engineering degree at the Bachelor's, Master's or Doctoral level. If we include computer science (outside engineering) that number increases to 431 institutions. Since the 2018 data collection is incorporating degrees awarded from non-participating institutions from federal data, there will be an increase in the amount of degrees awarded this year (but not in enrollment) due to this change.

BACHELOR'S ENROLLMENT AND DEGREES

Enrollment in undergraduate engineering programs increased this year continuing a decade long trend to 622,502 full-time students in 2018. Degrees awarded increased to 131,937 for reporting institutions (136, 233 including non-reporting institutions). The three engineering disciplines producing the most degrees in 2018 were, as in 2017, mechanical engineering, with 31,936 degrees, computer science (inside engineering) with 19,082 degrees and electrical engineering with 13,767.

MASTER'S ENROLLMENT AND DEGREES

There was an increase in 2018 in enrollment in master's engineering programs with a total of 93,559 students enrolled, a 6,687 student increase over 2017. The number of master's degrees awarded increased to 66,340 for 2018. The three disciplines representing 39% of all engineering master's graduates are computer science (inside engineering), with 10,946 graduates, mechanical engineering with 8,160 graduates and electrical engineering with 7,048 graduates.

DOCTORAL ENROLLMENT AND DEGREES

In 2018 there were 12,156 doctorates awarded 78,715 full-time students enrolled in doctoral programs. The 5 disciplines with a combined total of 60% of the doctoral graduates in 2018 are mechanical, electrical/computer engineering, electrical engineering, chemical engineering and computer science (inside engineering).

ENGINEERING DEGREES EARNED BY UNDERREPRESENTED GROUPS

In 2018, for bachelor's degrees there was a slight uptick in the percentage earned by individuals from underrepresented groups over the previous year. Hispanic students' earned 11.4% of bachelor's degrees, a rise from 11.1% in 2017 and continuing a decade long upward trend. Black/African American students earned 4.2% of bachelor's degrees in 2018 an increase from 4.1% in 2017—a small rise, but reversing

the overall downward trend seen from 2008 to 2016. Native American and Hawaiian/Pacific Islander bachelor's earned .3% and .2%, respectively, of bachelor's degrees.

At the master's and doctoral level, Native Americans earned .3% of degrees at both graduate levels. Hawaiian and Pacific Islander graduates earned .2% of master's degrees and .6% of doctoral degrees in 2018. African Americans earned 4.8% and 4.2% of master's and doctoral degrees, respectively. Hispanic graduates earned 8.8% of master's degrees and 6.0% of doctoral degrees.

ENGINEERING DEGREES EARNED BY WOMEN

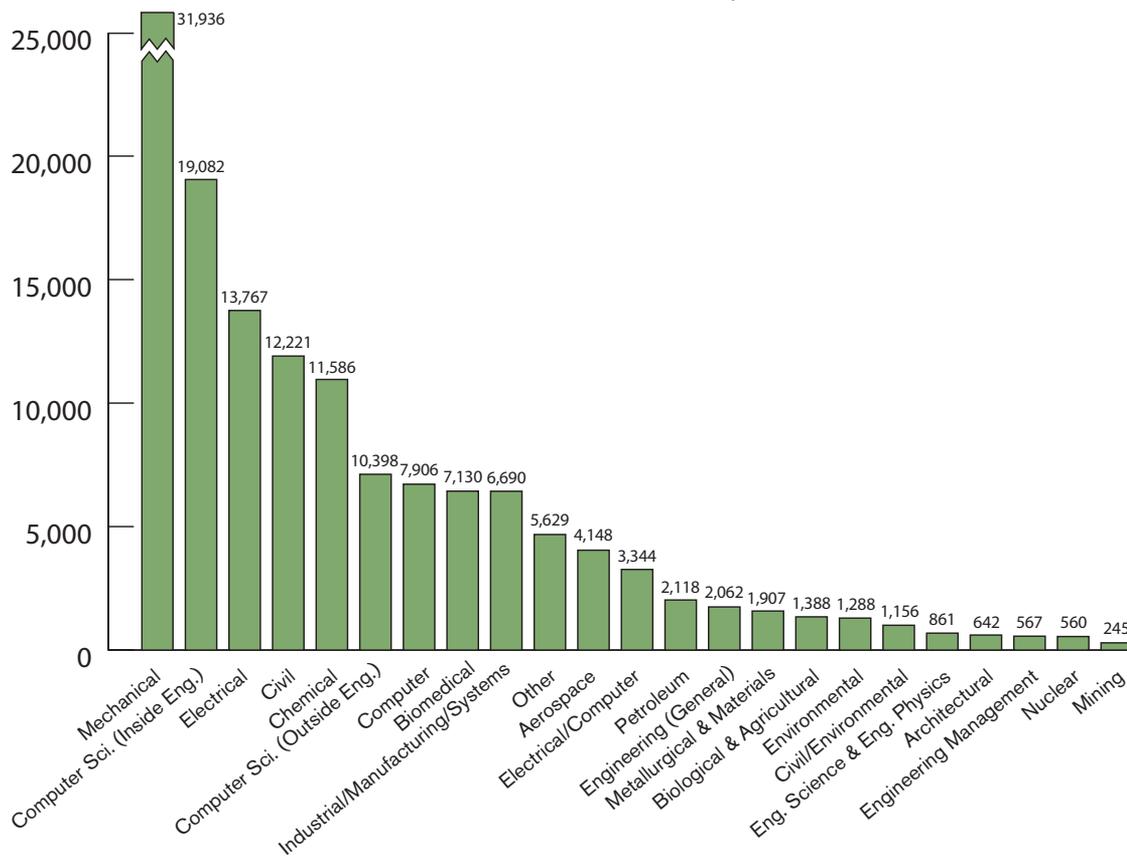
Women earned 21.9 % of bachelor's degrees, 26.7% of master's degrees and 23.6% of doctoral degrees in 2018 a slight increase in each level from 2017, but a continuation of the decade line upward rise in the proportion of women earning engineering degrees at all levels for the last decade. The disciplines where women earned over 40% of the bachelor's degrees in 2018 were environment engineering, biological/agricultural engineering and biomedical engineering.

ENGINEERING TECHNOLOGY

In 2018, 132 institutions in the United States awarded at least one degree in an engineering technology discipline at the bachelor's level, 39 institutions awarded at least one master's degree in an engineering technology discipline and 1 institution awarded 12 research doctoral degrees in an engineering technology discipline. There were 13,637 bachelor's degrees awarded for engineering technology disciplines in 2018 with mechanical engineering technology, Civil Engineering technology and engineering technology (general) representing 50% of all engineering technology bachelor's degrees awarded. African Americans earned 8% of engineering technology bachelor's degrees. Hispanics earned 9.4% of engineering technology bachelor's degrees. Native Americans represent .6% of graduates who earned engineering technology bachelor's degrees and Hawaiian/Pacific Islanders earned .1% of bachelor's degrees in engineering technology.

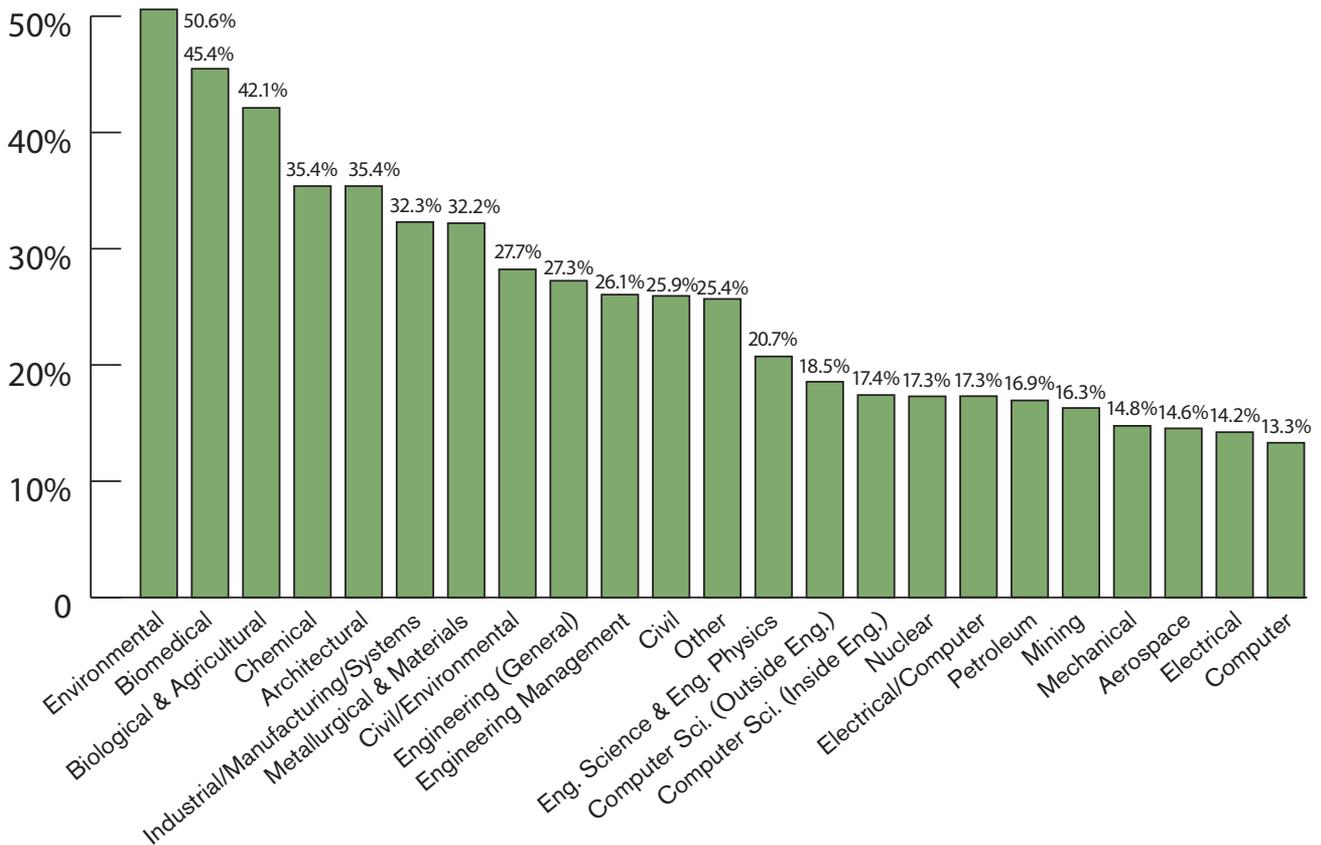
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BACHELOR'S DEGREES AWARDED BY ENGINEERING DISCIPLINE: 136,233*



* Total does not include computer science (outside engineering).

PERCENTAGE OF BACHELOR'S DEGREES AWARDED TO WOMEN BY DISCIPLINE: 21.9% OF TOTAL

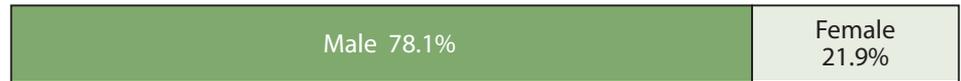


ENGINEERING BACHELOR'S DEGREES AWARDED BY SCHOOL

1. Univ. of Illinois at Urbana-Champaign	2,375
2. Georgia Institute of Technology	2,091
3. Texas A&M University	2,084
4. The Pennsylvania State University	2,053
5. Arizona State University	2,002
6. Purdue University	1,771
7. Virginia Polytech. Institute and State U.	1,666
8. University of Michigan	1,662
9. University of California, San Diego	1,653
10. The Ohio State University	1,576
11. North Carolina State University	1,557
12. Iowa State University	1,548
13. Oregon State University	1,491
14. University of California, Berkeley	1,426
15. California Poly. State U., SLO	1,421
16. University of Central Florida	1,387
17. University of Florida	1,282
18. The University of Texas at Austin	1,265
19. Stony Brook University	1,228
20. Missouri U. of Science and Tech.	1,197
21. California State Poly. U., Pomona	1,182
22. University of Washington in Seattle	1,176
23. University of Minnesota -Twin Cities	1,102
24. University of Maryland, College Park	1,100
25. Colorado School of Mines	1,099
26. Louisiana State University	1,062
27. Clemson University	1,053
28. University of Wisconsin-Madison	1,034
29. University of Colorado Boulder	1,015
30. Michigan State University	1,013
31. California State University, Long Beach	1,005
32. Florida International University	990
33. Texas Tech University	955
34. University at Buffalo, SUNY	945
35. University of South Florida	930
36. San Jose State University	896
37. Rutgers, The State U. of NJ, School of E.	886
38. Cornell University	884
39. The University of Alabama	872
40. Auburn University	861
41. George Mason University	820
42. University of California, Los Angeles	818
43. University of California, Davis	817
44. Washington State University	813
45. Rensselaer Polytechnic Institute	808
46. The University of Texas at Dallas	801
47. West Virginia University	776
48. University of California-Santa Cruz	774
49. Massachusetts Institute of Technology	772
50. Drexel University	766

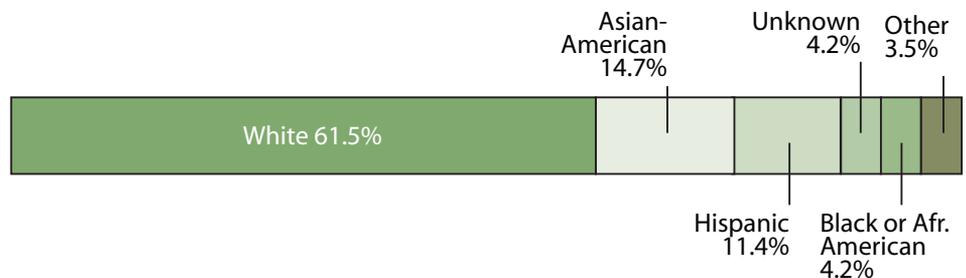
* 393 schools included without CS (431 with CS).

BACHELOR'S DEGREES BY GENDER, 2018



	2009	2010	2011	2012	2013	2014	2015	2016	2017
Female	18.0%	17.8%	18.1%	18.4%	18.9%	19.1%	19.9%	20.9%	21.3%
Male	82.0%	82.2%	81.9%	81.6%	81.1%	80.9%	80.1%	79.1%	78.7%

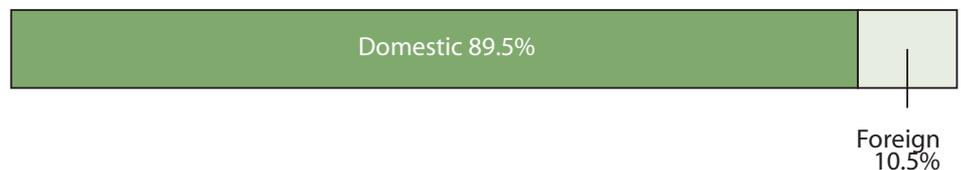
BACHELOR'S DEGREES BY ETHNICITY, 2018*



	2009	2010	2011	2012	2013	2014	2015	2016	2017
Black or Afr. American	4.6%	4.5%	4.2%	4.2%	4.3%	3.50%	4.0%	3.9%	4.1%
Hispanic	6.6%	7.0%	8.5%	9.0%	9.3%	10.1%	10.7%	10.7%	11.1%
Other	11.0%	1.2%	1.6%	2.0%	2.3%	2.9%	3.1%	3.6%	3.8%
Asian American	12.4%	12.2%	12.2%	12.2%	12.9%	13.1%	13.4%	14.2%	14.6%
White	65.4%	69.8%	66.6%	66.2%	65.7%	65.9%	64.9%	63.4%	62.3%
Unknown		5.3%	6.9%	6.5%	5.6%	4.5%	3.9%	4.2%	4.1%

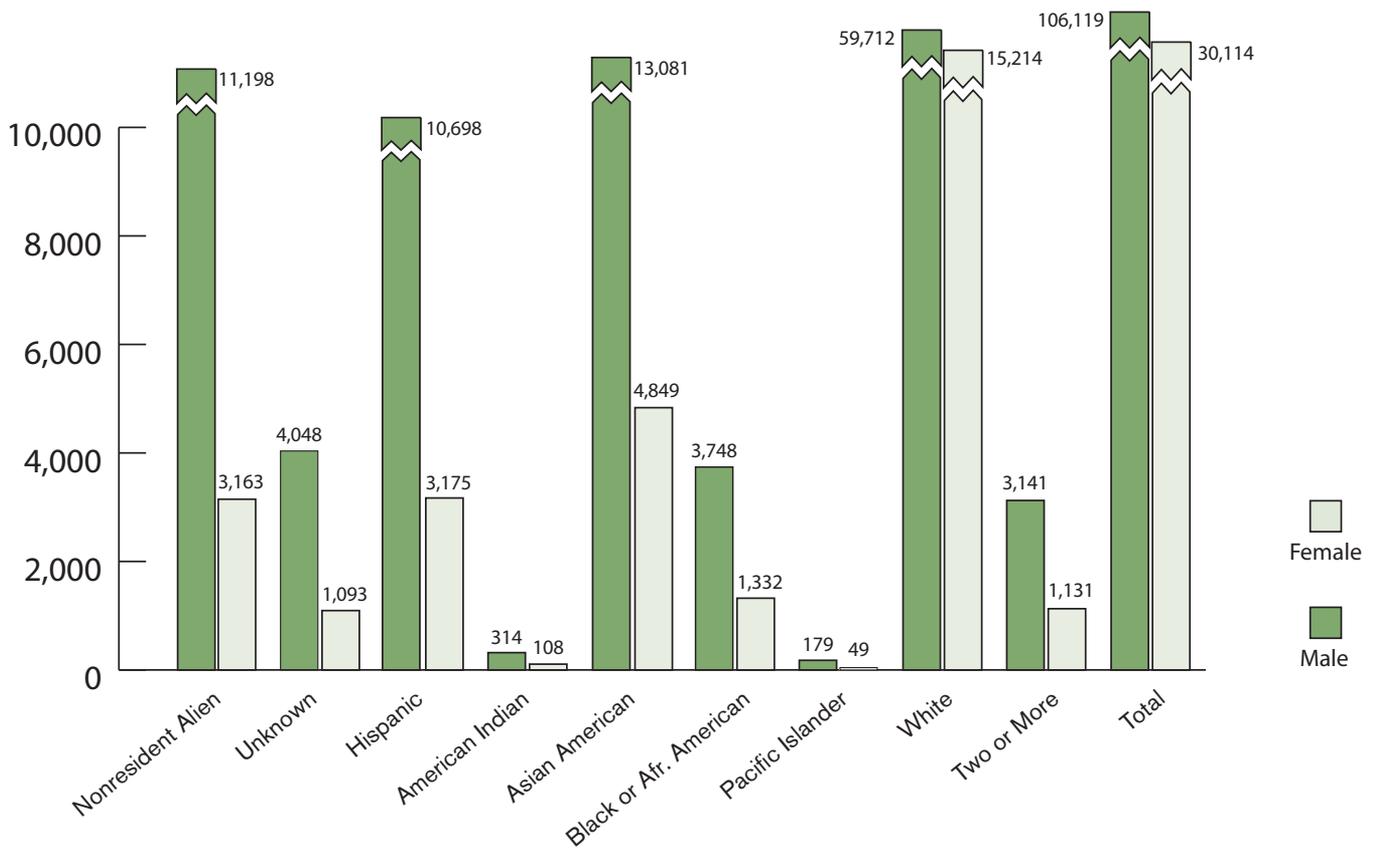
* Data on ethnicity does not include foreign nationals. American Indians (0.3%), Hawaiian/Pacific Islanders (0.2%) and Two or More (3.5%) are combined under Other.

BACHELOR'S DEGREES BY RESIDENCY, 2018



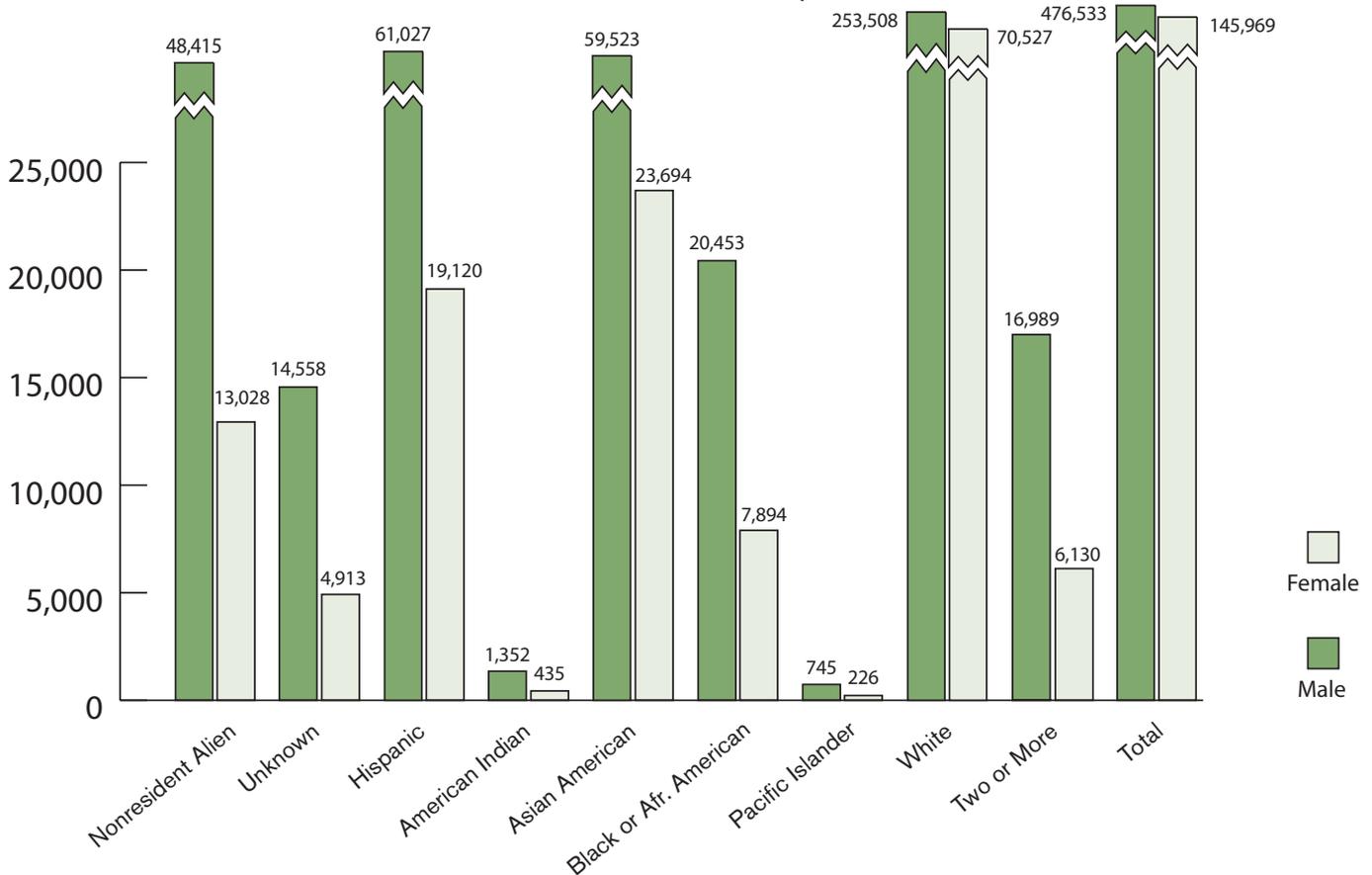
	2009	2010	2011	2012	2013	2014	2015	2016	2017
Foreign	6.0%	6.2%	6.7%	7.5%	7.8%	8.5%	9.1%	9.6%	10.1%
Domestic	94.0%	93.8%	93.3%	92.5%	92.2%	91.5%	90.9%	90.4%	89.9%

BACHELOR'S DEGREES AWARDED BY ETHNICITY AND GENDER: 136,233*



* Includes 334 male and 133 female graduates from schools in Puerto Rico.

UNDERGRADUATE ENROLLMENT BY ETHNICITY AND GENDER: 622,502*



* Includes 3,447 male and 1,271 female enrolled students from schools in Puerto Rico. Enrollment is for full-time students.

BACHELOR'S DEGREES AWARDED TO WOMEN BY SCHOOL

1. Georgia Institute of Technology	634
2. Texas A&M University	478
3. Univ. of Illinois at Urbana-Champaign	464
4. University of Michigan	438
5. Purdue University	412
6. The Pennsylvania State University	410
7. University of California, Berkeley	374
8. Virginia Polytech. Institute and State U.	367
9. Massachusetts Institute of Technology	360
9. Cornell University	360
11. University of California, San Diego	359
12. University of Florida	358
13. Arizona State University	356
14. California Poly. State U., SLO	348
15. The University of Texas at Austin	335
16. The Ohio State University	333
16. University of Washington in Seattle	333
18. North Carolina State University	332
19. Stony Brook University	297
20. University of Maryland, College Park	290
21. Colorado School of Mines	283
22. Oregon State University	278
23. University of Southern California	276
24. University of California, Davis	257
25. Iowa State University	254
26. Rensselaer Polytechnic Institute	251
27. University of Wisconsin-Madison	249
28. Stanford University	248
29. Missouri U. of Science and Tech.	244
30. California State Poly. U., Pomona	243
30. Worcester Polytechnic Institute	243
32. University of Central Florida	233
33. Clemson University	232
34. University of Colorado Boulder	230
35. University of Minnesota -Twin Cities	229
36. The University of Alabama	227
37. Louisiana State University	224
38. Rutgers, The State U. of NJ, School of E.	210
39. University of Virginia	207
40. University of California, Irvine	203
41. University of California, Los Angeles	199
42. University of Pittsburgh	197
43. Columbia University	194
44. Michigan State University	190
45. Northeastern University	189
45. Lehigh University	189
47. Florida International University	188
48. George Mason University	180
49. California State University, Long Beach	178
50. Michigan Technological University	176

* 379 schools included.

PERCENTAGE OF BACHELOR'S DEGREES AWARDED TO WOMEN BY SCHOOL*

1. SUNY, Coll. of Environ. Sci. and For.	56.6%
2. Massachusetts Institute of Technology	46.6%
2. Tulane University	46.6%
4. Olin College of Engineering	44.2%
5. Columbia University	41.0%
6. Cornell University	40.7%
7. Howard University	40.4%
8. The George Washington University	40.0%
9. California Institute of Technology	39.6%
10. Dartmouth College	39.2%
11. Harvey Mudd College	39.1%
12. Brown University	38.6%
13. Carnegie Mellon University	37.3%
14. University of Southern California	37.0%
15. Princeton University	36.0%
16. Tufts University	35.2%
17. Stanford University	34.9%
18. Worcester Polytechnic Institute	34.8%
19. Northwestern University	34.6%
20. Southern Methodist University	34.2%

* Minimum of 50 total bachelor's degrees awarded, 301 schools fit this criterion.

BACHELOR'S DEGREES AWARDED TO BLACK OR AFRICAN AMERICANS BY SCHOOL

1. North Carolina A&T State University	154
2. Georgia Institute of Technology	137
3. Morgan State University	89
4. University of Central Florida	88
5. University of Maryland, College Park	79
6. Florida International University	77
6. University of Maryland, Baltimore County	77
6. Kennesaw State University	77
9. Tuskegee University	75
10. New Jersey Institute of Technology	74
11. Louisiana State University	70
12. Howard University	69
13. University of South Florida	65
14. Georgia Southern University	64
15. City College of the City U. of New York	61
16. Mississippi State University	60
17. Prairie View A&M University	58
18. Arizona State University	53
18. Massachusetts Institute of Technology	53
18. North Carolina State University	53

* 304 schools included.

BACHELOR'S DEGREES AWARDED TO ASIAN-AMERICANS BY SCHOOL

1. University of California, Berkeley	730
2. University of California, San Diego	678
3. Univ. of Illinois at Urbana-Champaign	524
4. The University of Texas at Austin	411
5. Stony Brook University	394
6. Georgia Institute of Technology	384
7. San Jose State University	363
8. University of California, Los Angeles	333
9. California State Poly. U., Pomona	322
10. University of California, Irvine	314
11. University of Washington in Seattle	312
12. University of California, Davis	308
13. Rutgers, The State U. of NJ, School of E.	295
14. University of Michigan	289
15. California State University, Long Beach	268
16. George Mason University	266
17. Cornell University	251
18. University of California-Santa Cruz	250
19. California Poly. State U., SLO	242
19. University of California, Riverside	242

* 315 schools included.

BACHELOR'S DEGREES AWARDED TO HISPANICS BY SCHOOL

1. Florida International University	661
2. University of PR, Mayaguez Campus	467
3. Texas A&M University	401
4. California State Poly. U., Pomona	363
5. University of Central Florida	356
6. The University of Texas at El Paso	343
7. California State University, Long Beach	308
8. Arizona State University	277
8. The Univ. of Texas Rio Grande Valley	277
10. University of Florida	273
11. California State University, Northridge	196
12. Texas Tech University	193
13. The University of Texas at San Antonio	187
13. University of Houston	187
15. California Poly. State U., SLO	175
16. Texas A&M University - Kingsville	172
17. California State University, Los Angeles	171
18. San Diego State University	169
18. San Jose State University	169
18. California State University, Fullerton	169

* 322 schools included.

AEROSPACE ENGINEERING DEGREES AWARDED BY SCHOOL

1. Embry Riddle Aero. U. - Daytona Beach	186
2. Purdue University	179
3. Georgia Institute of Technology	174
4. Iowa State University	145
5. Texas A&M University	132
6. The Pennsylvania State University	125
7. University of Colorado Boulder	113
8. Univ. of Illinois at Urbana-Champaign	109
9. University of Michigan	107
10. The University of Texas at Austin	106
11. California Poly. State U., SLO	101
12. University of Central Florida	97
13. University of Maryland, College Park	95
14. Embry Riddle Aero. U. - Daytona Beach	94
15. Virginia Polytech. Institute and State U.	90
16. California State Poly. U., Pomona	86
16. University of Florida	86
18. Rensselaer Polytechnic Institute	85
19. University of Minnesota -Twin Cities	83
20. The Ohio State University	79

* 66 schools included.

BIOMEDICAL ENGINEERING DEGREES AWARDED BY SCHOOL

1. Georgia Institute of Technology	245
2. University of California, San Diego	164
3. Arizona State University	157
4. Boston University	149
5. North Carolina State University	126
6. Case Western Reserve University	117
6. Clemson University	117
8. The Johns Hopkins University	115
9. University of Maryland, College Park	113
10. University of Wisconsin-Madison	112
11. The University of Texas at Austin	104
12. Rutgers, The State U. of NJ, School of E.	103
13. The Pennsylvania State University	102
13. University of Connecticut	102
15. Drexel University	100
15. Duke University	100
17. The University of Iowa	99
18. Rensselaer Polytechnic Institute	97
19. Texas A&M University	96
19. Florida International University	96

* 135 schools included.

CHEMICAL ENGINEERING DEGREES AWARDED BY SCHOOL

1. The Pennsylvania State University	223
2. Georgia Institute of Technology	217
3. Texas A&M University	200
4. The Ohio State University	199
5. Univ. of Illinois at Urbana-Champaign	194
6. North Carolina State University	175
7. Purdue University	174
8. University of Colorado Boulder	171
9. The University of Texas at Austin	170
10. Michigan State University	162
10. University of Pittsburgh	162
12. Iowa State University	158
13. The University of Alabama	153
14. University of California, Davis	147
15. Oregon State University	146
16. University of South Florida	138
17. Arizona State University	137
18. University of Michigan	136
19. University of Florida	130
20. Colorado School of Mines	129
21. Northeastern University	122
22. California State University, Long Beach	120
23. Missouri U. of Science and Tech.	119
24. University of California, San Diego	116
25. University of California, Berkeley	115
26. University of Minnesota -Twin Cities	114
26. Brigham Young University	114
28. Louisiana State University	112
29. University of Notre Dame	111
30. Rutgers, The State U. of NJ, School of E.	110
31. Rensselaer Polytechnic Institute	109
32. California State Poly. U., Pomona	108
33. University of Kentucky	106
34. University of Wisconsin-Madison	104
35. Worcester Polytechnic Institute	103
36. Montana State University	99
36. University of California, Riverside	99
38. University of Kansas	97
38. University of Arkansas	97
40. U. of Oklahoma, Gallogly College of Eng.	95
40. Texas Tech University	95
42. Auburn University	94
42. University of Maryland, College Park	94
44. Cornell University	93
44. Michigan Technological University	93
44. University of Massachusetts Amherst	93
47. Virginia Polytech. Institute and State U.	92
48. New Jersey Institute of Technology	90
48. University of Delaware	90
50. University of Cincinnati	89

* 159 schools included.

CIVIL ENGINEERING DEGREES AWARDED BY SCHOOL

1. California State Poly. U., Pomona	314
2. Texas A&M University	211
3. Univ. of Illinois at Urbana-Champaign	205
4. Virginia Polytech. Institute and State U.	184
5. The Ohio State University	182
6. The Pennsylvania State University	173
7. California Poly. State U., SLO	170
8. Texas Tech University	162
9. Purdue University	159
10. Iowa State University	147
11. New Jersey Institute of Technology	144
12. The University of Alabama	143
12. University of Wisconsin-Madison	143
14. North Carolina State University	141
15. University of Florida	138
16. San Jose State University	136
17. University at Buffalo, SUNY	135
17. University of Washington in Seattle	135
19. California State University, Sacramento	134
20. University of California, Davis	133
21. University of Maryland, College Park	128
22. Georgia Institute of Technology	125
22. The University of Texas at Austin	125
24. San Diego State University	124
25. Auburn University	123
26. University of California, San Diego	120
27. Montana State University	117
28. University of Central Florida	116
28. Florida International University	116
30. Louisiana State University	115
31. Missouri U. of Science and Tech.	110
31. Clemson University	110
33. West Virginia University	103
33. University of Hawaii at Manoa	103
35. University of South Florida	102
36. Washington State University	101
37. Oregon State University	100
37. California State University, Fullerton	100
39. Manhattan College	98
40. California State University, Long Beach	97
40. University of Nebraska, Lincoln	97
40. University of Massachusetts Amherst	97
43. University of Kentucky	96
44. Clarkson University	95
44. Mississippi State University	95
44. University of Missouri	95
47. Portland State University	93
48. California State University, Northridge	92
49. University of New Hampshire	90
50. University of California, Berkeley	87

* 194 schools included.

INDUSTRIAL/MANUFACTURING/ SYSTEMS ENGINEERING DEGREES AWARDED BY SCHOOL

1. Georgia Institute of Technology	337
2. Texas A&M University	234
3. Purdue University	220
4. University of Michigan	200
5. The Pennsylvania State University	178
6. Virginia Polytech. Institute and State U.	146
7. Clemson University	140
8. Univ. of Illinois at Urbana-Champaign	134
9. Iowa State University	129
10. University of Central Florida	125
11. California Poly. State U., SLO	123
12. California State Poly. U., Pomona	122
13. University of Louisiana at Lafayette	116
14. Northwestern University	106
15. Auburn University	105
15. The Ohio State University	105
17. Arizona State University	104
17. University of Wisconsin-Madison	104
19. University of Florida	103
19. Cornell University	103
21. West Virginia University	99
22. North Carolina State University	96
23. University of Virginia	94
24. U.S. Naval Academy	91
25. University of South Florida	84
26. Oregon State University	82
27. The State U. of New York at Binghamton	81
28. San Jose State University	76
28. Northeastern University	76
30. University of Southern California	70
31. Stanford University	67
32. University of Arkansas	66
33. Louisiana State University	62
33. University of Pittsburgh	62
33. Texas Tech University	62
36. Texas State University	61
37. University of Minnesota -Twin Cities	60
37. U. of Oklahoma, Gallogly College of Eng.	60
37. University of Missouri	60
37. Columbia University	60
37. University of PR, Mayaguez Campu60	
42. University of Miami	59
42. The University of Iowa	59
44. Lehigh University	57
45. University of Washington in Seattle	56
45. Rochester Institute of Technology	56
47. University of Arizona	54
48. Rutgers, The State U. of NJ, School of E.	53
49. University of California, Berkeley	51
49. Washington University in St. Louis	51

* 133 schools included.

MECHANICAL ENGINEERING DEGREES AWARDED BY SCHOOL

1. Georgia Institute of Technology	499
2. The Pennsylvania State University	490
3. Iowa State University	431
4. Purdue University	417
5. Virginia Polytech. Institute and State U.	360
6. Texas Tech University	353
7. University of Maryland, College Park	350
8. University of Florida	345
9. University of Central Florida	318
10. Colorado School of Mines	308
11. Arizona State University	307
12. Texas A&M University	304
13. The University of Alabama	302
14. University of Michigan	287
15. The University of Texas at Austin	286
16. Washington State University	284
17. California State Poly. U., Pomona	279
18. San Diego State University	276
19. Michigan Technological University	265
20. California Poly. State U., SLO	262
21. Oklahoma State University	260
22. Univ. of Illinois at Urbana-Champaign	259
23. Auburn University	242
23. Oregon State University	242
25. University of Colorado Boulder	240
26. North Carolina State University	235
27. California State University, Long Beach	232
28. Michigan State University	230
29. University at Buffalo, SUNY	229
30. Missouri U. of Science and Tech.	228
30. Rutgers, The State U. of NJ, School of E.	228
30. University of North Carolina at Charlotte	228
33. Clemson University	227
34. University of California, Irvine	224
35. Northeastern University	221
36. Worcester Polytechnic Institute	213
37. Colorado State University	212
37. University of South Florida	212
39. University of Minnesota -Twin Cities	209
40. Drexel University	206
41. The Ohio State University	203
42. California State University, Sacramento	202
43. Kettering University	195
44. The University of Texas at San Antonio	194
45. University of Wisconsin, Platteville	193
46. Rensselaer Polytechnic Institute	192
47. University of California, San Diego	191
47. The University of Texas at El Paso	191
49. Clarkson University	190
49. University of Pittsburgh	190

* 278 schools included.

ELECTRICAL ENGINEERING DEGREES AWARDED BY SCHOOL

1. Arizona State University	254
2. The Pennsylvania State University	241
3. Univ. of Illinois at Urbana-Champaign	234
4. Texas A&M University	219
5. University of California, San Diego	212
6. Georgia Institute of Technology	202
7. Purdue University	187
8. California State University, Long Beach	182
8. North Carolina State University	182
10. California State Poly. U., Pomona	172
11. Virginia Polytech. Institute and State U.	159
12. University of California, Los Angeles	154
13. Washington State University	145
14. University of Maryland, College Park	144
15. University of Central Florida	127
16. San Jose State University	124
17. University of Cincinnati	121
18. University of Michigan	116
19. California Poly. State U., SLO	113
20. Florida International University	109
20. The University of Texas at Dallas	109
20. University of Massachusetts Lowell	109
23. Rochester Institute of Technology	108
24. University of California, Davis	106
25. University of Wisconsin-Madison	105
25. Kennesaw State University	105
25. Iowa State University	104
25. University of California, Irvine	104
25. San Diego State University	101
25. University of Minnesota -Twin Cities	101
25. New Jersey Institute of Technology	101
32. Rensselaer Polytechnic Institute	100
33. Milwaukee School of Engineering	99
34. Michigan State University	98
34. University of South Florida	98
36. University of PR, Mayaguez Campus97	
37. University of Florida	95
37. California State University, Sacramento	95
37. Missouri U. of Science and Tech.	94
37. Clemson University	94
41. Oakland University	93
42. George Mason University	92
42. University of Illinois at Chicago	92
44. Drexel University	91
45. University of Southern California	90
45. Michigan Technological University	90
47. City College of the City U. of New York	89
48. University at Buffalo, SUNY	87
49. The University of Texas at San Antonio	86
49. California State University, Northridge	86

* 277 schools included.

COMPUTER ENGINEERING DEGREES AWARDED BY SCHOOL

1. Univ. of Illinois at Urbana-Champaign	307
2. Iowa State University	233
3. San Jose State University	206
4. University of Dayton	195
5. Georgia Institute of Technology	153
6. Virginia Polytech. Institute and State U.	140
7. Purdue University	139
8. California Poly. State U., SLO	123
8. North Carolina State University	123
10. University of Central Florida	117
11. University of Nevada-Reno	116
12. University of California-San Diego	108
13. University of Maryland-College Park	107
14. California State Poly. U., Pomona	101
14. University of California-Santa Cruz	101
14. Northeastern University	101
17. University of Michigan	94
18. University of Florida	90
19. The Pennsylvania State University	88
19. Santa Clara University	88
21. University of Pittsburgh	84
22. Boston University	81
23. Arizona State University	80
24. Drexel University	79
25. Florida International University	76
25. University of Wisconsin-Madison	76
26. Missouri U. of Science and Tech.	75
27. University of Minnesota -Twin Cities	74
28. Rochester Institute of Technology	66
29. Rensselaer Polytechnic Institute	64
30. New Jersey Institute of Technology	63
30. San Diego State University	63
33. University of PR, Mayaguez Campus	62
34. California State University-Long Beach	59
34. University of Maryland-Baltimore County	59
36. University of California-Santa Barbara	58
37. University of California-Irvine	57
37. University of Cincinnati	57
39. The University of Texas at Dallas	56
39. California State University-Sacramento	52
41. Bowling Green State University	51
41. University of Massachusetts Amherst	51
43. University of Illinois at Chicago	50
44. Villanova University	47
45. University of Massachusetts Lowell	46
46. Michigan Technological University	45
46. University of South Florida	45
48. Florida Institute of Technology	44
48. Michigan State University	44
50. The State U. of New York at Binghamton	43
50. University of North Texas	43

* 202 schools included.

ELECTRICAL/COMPUTER ENGINEERING DEGREES AWARDED BY SCHOOL

1. The University of Texas at Austin	343
2. University of California, Berkeley	326
3. Rutgers, The State U. of NJ, School of E.	233
4. The Ohio State University	212
5. University of Washington in Seattle	174
6. Carnegie Mellon University	161
7. University of Arizona	130
8. Oregon State University	124
9. Massachusetts Institute of Technology	116
10. New York Institute of Technology	97
11. Brigham Young University	86
12. Duke University	85
13. Colorado State University	84
14. Worcester Polytechnic Institute	83
15. Cornell University	76
16. Northern Illinois University	75
17. Rowan University	72
18. University of South Alabama	62
19. Temple University	61
20. The University of Iowa	56

* 55 schools included.

COMPUTER SCIENCE (OUTSIDE ENG.) DEGREES AWARDED BY SCHOOL*

1. University of California, Irvine	744
2. Georgia Institute of Technology	597
3. University of Maryland, College Park	474
4. The University of Texas at Austin	423
5. University of Wisconsin-Madison	405
6. Rutgers, The State U. of NJ, School of E.	382
7. New Jersey Institute of Technology	352
8. University of California, Davis	327
9. Purdue University	311
10. University of Michigan	279
11. University of Massachusetts Amherst	223
12. Rensselaer Polytechnic Institute	208
13. University of Houston	206
14. University of Arizona	203
15. Univ. of North Carolina at Chapel Hill	194
16. Northeastern University	181
17. University of Virginia	177
18. Carnegie Mellon University	175
19. The University of Texas at San Antonio	172
20. University of Pittsburgh	162

* 125 schools included.

COMPUTER SCIENCE (INSIDE ENG.) DEGREES AWARDED BY SCHOOL

1. University of California, San Diego	615
2. Oregon State University	564
3. George Mason University	487
4. Arizona State University	468
5. Univ. of Illinois at Urbana-Champaign	465
6. University of Central Florida	444
7. University of Michigan	414
8. University of California-Santa Cruz	390
9. The University of Texas at Dallas	386
10. Florida International University	384
11. Stony Brook University	341
12. Stanford University	320
13. University of Washington in Seattle	289
14. Texas A&M University	279
15. Massachusetts Institute of Technology	274
16. Cornell University	264
17. The Ohio State University	256
18. University of Minnesota -Twin Cities	254
19. University of South Florida	251
20. Virginia Polytech. Institute and State U.	247
21. University of Southern California	242
22. Eastern Michigan University	240
23. California State University, Northridge	219
24. University of California, Los Angeles	215
25. Michigan State University	208
26. North Carolina State University	196
27. California State University, Fullerton	193
28. California State University, Long Beach	189
29. Univ. of Maryland, Baltimore County	182
30. University of Washington-Tacoma	180
31. University at Buffalo, SUNY	172
31. University of Connecticut	172
33. California State University, Sacramento	171
34. California Poly. State U., SLO	170
35. Princeton University	166
36. University of Pennsylvania	165
37. The University of Texas at Arlington	163
38. University of Illinois at Chicago	162
39. University of North Texas	159
40. Clemson University	148
40. University of Utah	148
42. The Pennsylvania State University	146
43. University of Colorado Boulder	142
44. Harvard University	141
44. Washington State University	141
46. Oakland University	135
47. University of Virginia	134
48. University of California, Riverside	133
49. University of Notre Dame	129
50. New York Institute of Technology	128

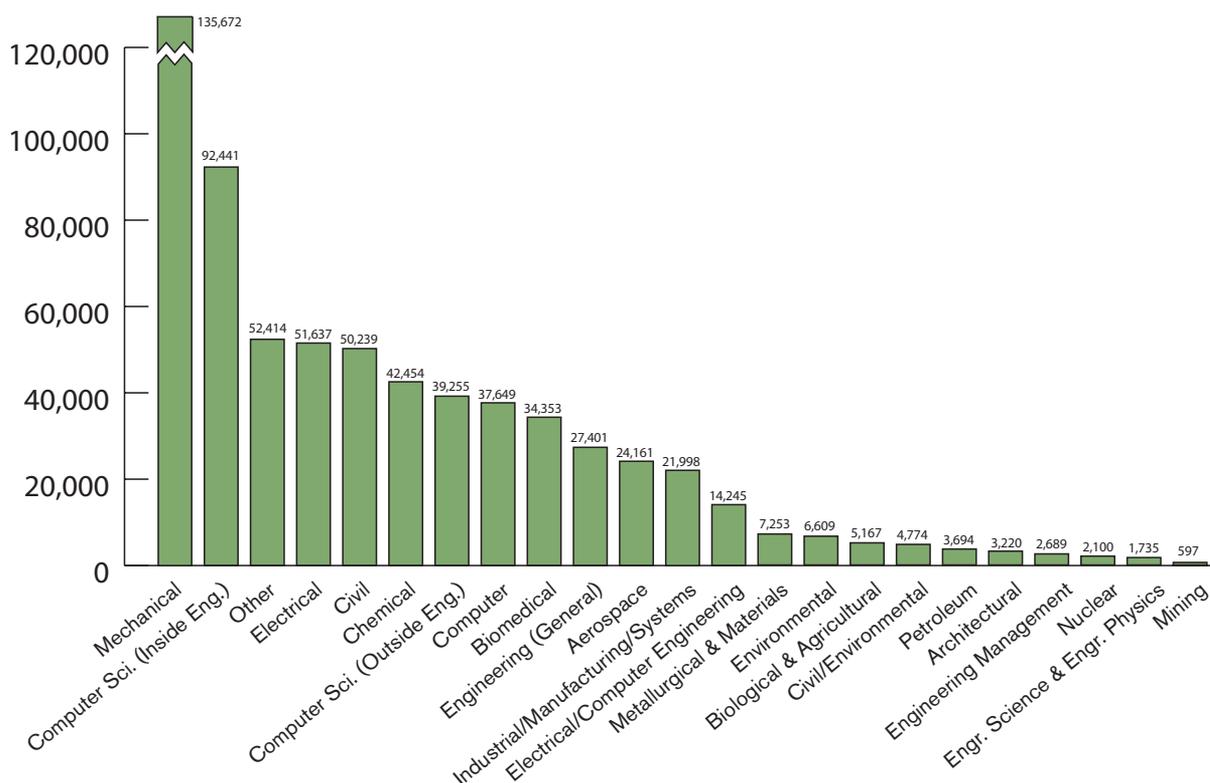
* 174 schools included.

UNDERGRADUATE ENROLLMENT BY SCHOOL*

1. Texas A&M University	13,691	23. Auburn University	5,559	45. Univ. of Maryland, Baltimore County	4,132
2. Arizona State University	13,582	24. Clemson University	5,512	46. University at Buffalo SUNY	4,123
3. University of Central Florida	10,181	25. University of Washington in Seattle	5,408	47. Mississippi State University	4,085
4. Purdue University	9,376	26. Louisiana State University	5,320	48. The University of Texas at El Paso	3,992
5. Georgia Institute of Technology	9,116	27. Florida International University	5,201	49. Rutgers, The State U. of NJ, School of E.	3,991
6. Univ. of Illinois at Urbana-Champaign	8,962	28. University of Colorado Boulder	5,099	50. University of California Irvine	3,986
7. The Pennsylvania State University	8,303	29. California State Poly. U., Pomona	5,078		
8. The Ohio State University	8,078	30. University of South Florida	5,063		
9. Virginia Polytech. Institute and State U.	7,904	31. Colorado School of Mines	4,906		
10. Oregon State University	7,826	32. University of PR, Mayaguez Campus	4,718		
11. Iowa State University	7,662	33. University of Wisconsin-Madison	4,674		
12. University of Florida	7,127	34. The University of Texas at Arlington	4,653		
13. North Carolina State University	6,919	35. Texas Tech University	4,607		
14. University of Michigan	6,618	36. University of Minnesota -Twin Cities	4,457		
15. California Poly. State U., SLO	6,439	37. Wayne State University	4,409		
16. University of California San Diego	6,100	38. California State University Long Beach	4,384		
17. The University of Texas at Austin	6,066	39. California State University Northridge	4,380		
18. George Mason University	6,057	40. University of California-Santa Cruz	4,374		
19. Michigan State University	6,050	41. University of Cincinnati	4,330		
20. The University of Texas at Dallas	5,730	42. University of Maryland College Park	4,305		
21. Missouri U. of Science and Tech.	5,656	43. San Jose State University	4,294		
22. The University of Alabama	5,625	44. Washington State University	4,149		

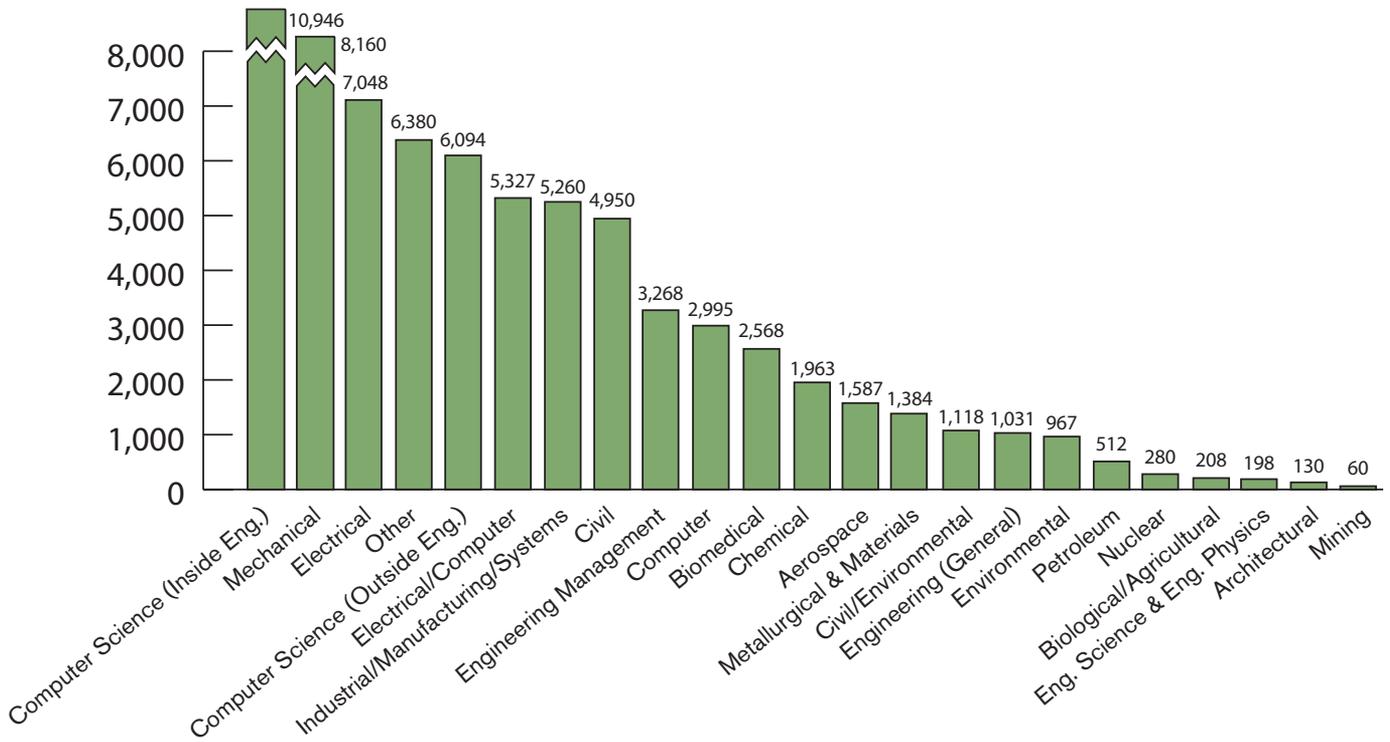
* Some schools do not permit formal enrollment in their engineering colleges until the second or third year. Enrollment is full time plus part time students.

UNDERGRADUATE ENROLLMENT BY DISCIPLINE: 622,502 *



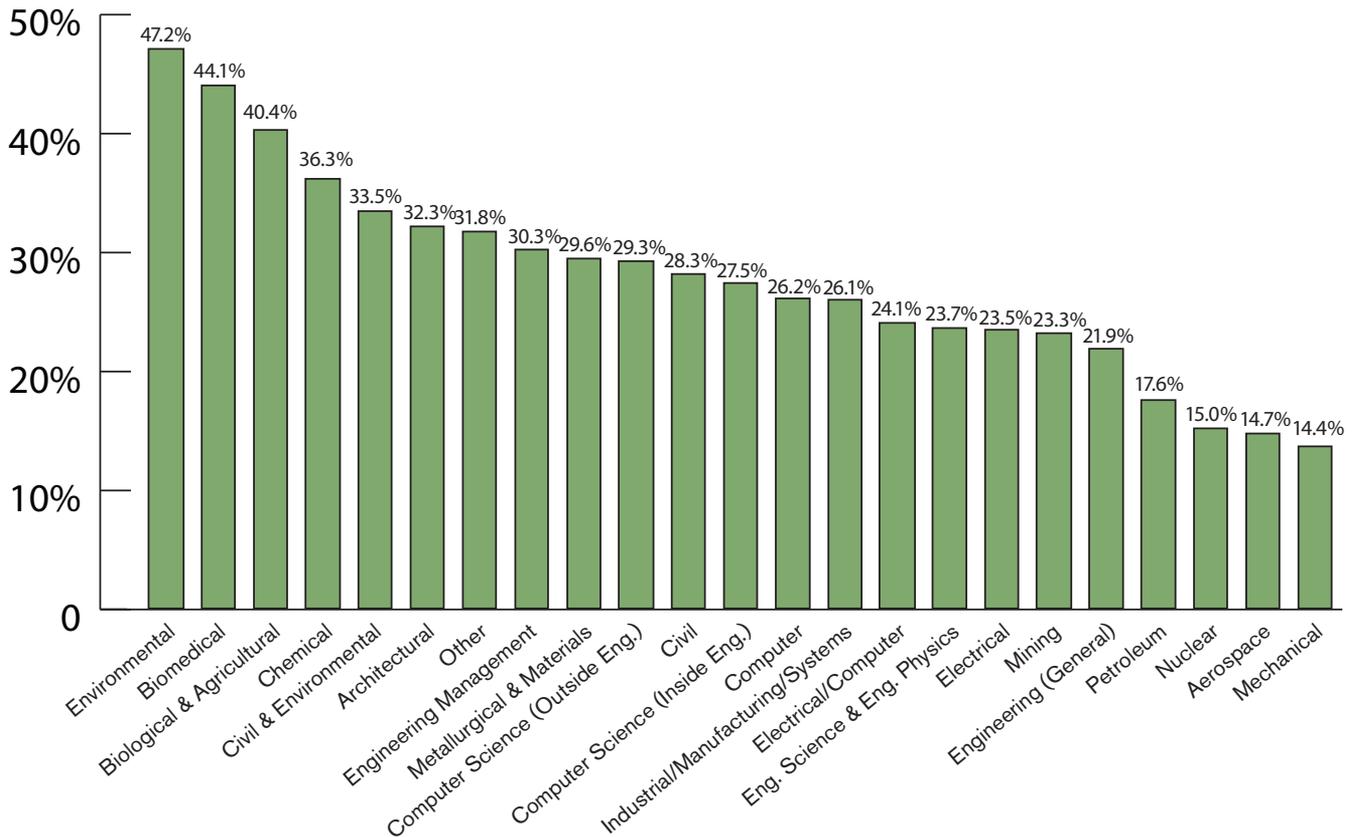
* Enrollment is for full-time bachelor's degree candidates in engineering. Total does not include Computer Science (outside engineering).

MASTER'S DEGREES AWARDED BY DISCIPLINE: 66,340*



* Total does not include computer science (outside engineering).

PERCENTAGE OF MASTER'S DEGREES AWARDED TO WOMEN BY DISCIPLINE: 26.4% OF TOTAL



ENGINEERING MASTER'S DEGREES AWARDED BY SCHOOL

1. University of Southern California	2,316
2. Columbia University	1,420
3. Northeastern University	1,328
4. Arizona State University	1,310
5. Georgia Institute of Technology	1,257
6. University of Michigan	1,244
7. The University of Texas at Arlington	1,201
8. The Johns Hopkins University	1,197
9. Carnegie Mellon University	1,175
10. Stanford University	1,145
11. NYU Tandon School of Engineering	1,124
12. University of Florida	1,092
13. Cornell University	1,029
14. Univ. of Illinois at Urbana-Champaign	1,016
15. Stevens Institute of Technology	982
16. San Jose State University	981
17. North Carolina State University	976
18. University of California, San Diego	917
19. The University of Texas at Dallas	829
20. Texas A&M University	797
21. University of California, Berkeley	793
22. Massachusetts Institute of Technology	776
23. Northwestern University	744
24. University of Washington in Seattle	737
25. Purdue University	729
26. University at Buffalo, SUNY	712
27. University of California, Los Angeles	706
28. University of Pennsylvania	654
29. University of Colorado Boulder	642
30. Texas A&M University - Kingsville	628
31. The George Washington University	624
32. Wayne State University	578
33. George Mason University	575
34. Virginia Polytech. Institute and State U.	545
35. Missouri U. of Science and Tech	534
35. University of Maryland, College Park	534
37. University of South Florida	496
38. California State University, Fullerton	476
39. University of Minnesota -Twin Cities	473
40. Southern Methodist University	454
41. The Ohio State University	451
41. New Jersey Institute of Technology	451
43. The University of Texas at Austin	445
44. University of Michigan-Dearborn	437
45. University of Illinois at Chicago	435
46. The State U. of New York at Binghamton	433
47. University of Bridgeport	425
48. Clemson University	405
49. University of Central Florida	401
49. Washington University in St. Louis	401

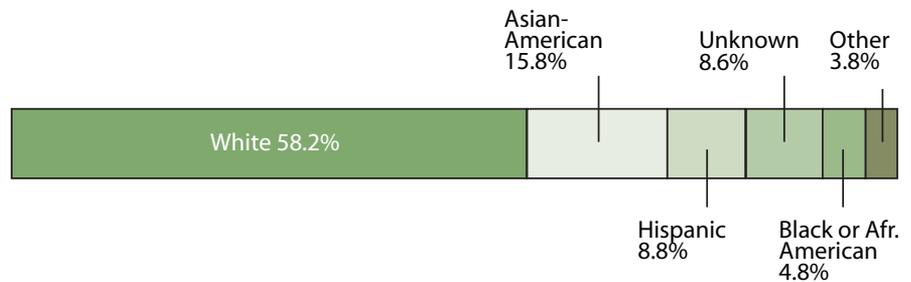
* 278 schools included.

MASTER'S DEGREES BY GENDER, 2018



	2009	2010	2011	2012	2013	2014	2015	2016	2017
Female	23.0%	23.0%	22.6%	22.6%	23.1%	23.9%	24.2%	25.4%	25.7%
Male	77.0%	77.0%	77.4%	77.4%	76.9%	76.1%	75.8%	74.6%	74.3%

MASTER'S DEGREES BY ETHNICITY, 2018*



	2009	2010	2011	2012	2013	2014	2015	2016	2017
Black or Afr. American	4.8%	4.7%	5.1%	4.9%	4.7%	4.7%	4.4%	4.7%	4.7%
Hispanic	5.4%	5.3%	6.0%	6.3%	7.3%	7.6%	7.7%	8.3%	8.5%
Other	15.1%	17.4%	1.4%	1.5%	2.0%	2.2%	2.6%	3.0%	3.1%
Asian American	15.4%	15.1%	14.9%	15.5%	14.5%	15.0%	14.5%	15.1%	15.1%
White	59.3%	57.5%	60.9%	58.2%	59.7%	59.5%	60.2%	59.5%	60.1%
Unknown			11.7%	13.6%	11.8%	11.0%	10.6%	9.4%	8.4%

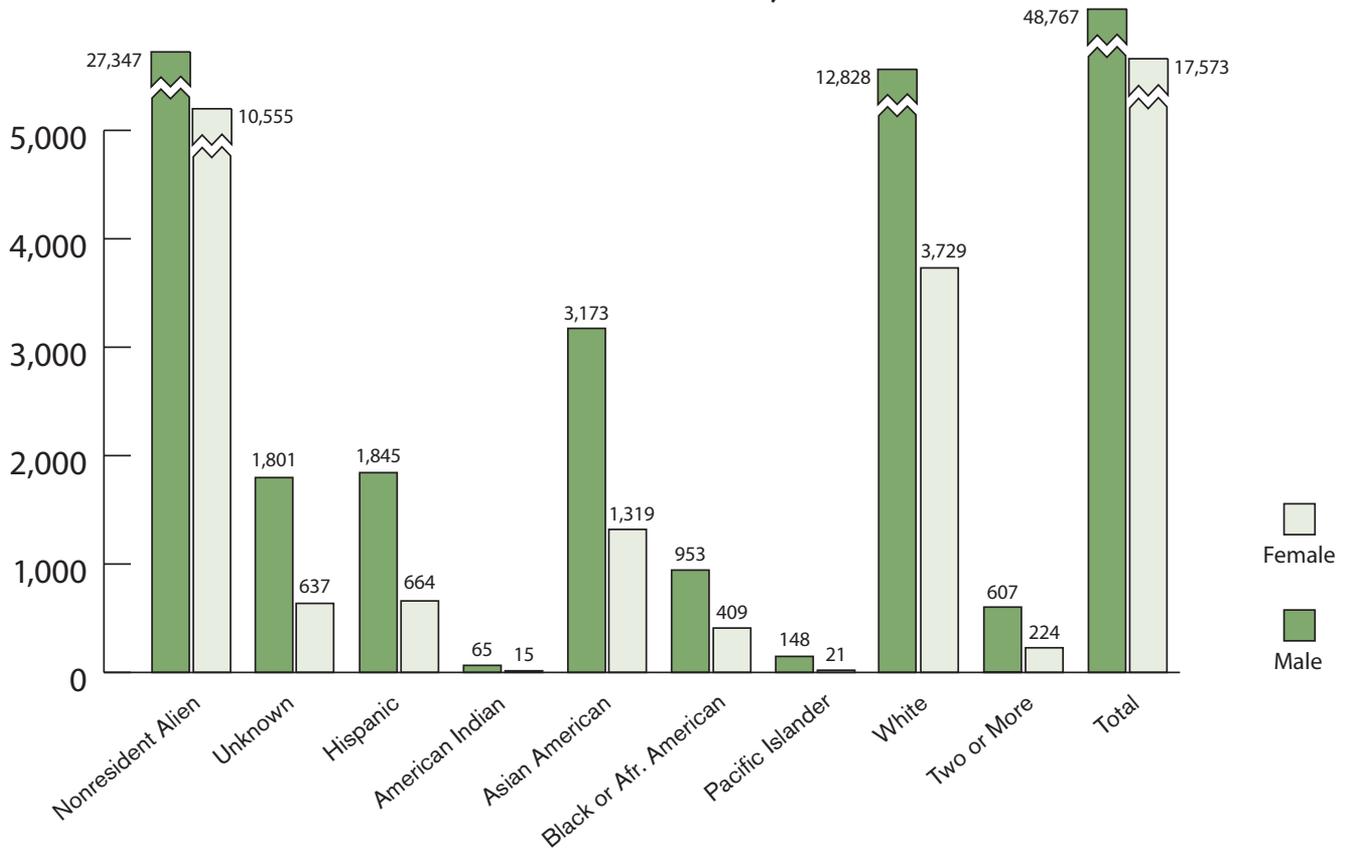
* Data on ethnicity does not include foreign nationals. American Indians (0.1%), Hawaiian/Pacific Islanders (0.3%), and Two or More (1.3%) are combined under Other.

MASTER'S DEGREES BY RESIDENCY, 2018



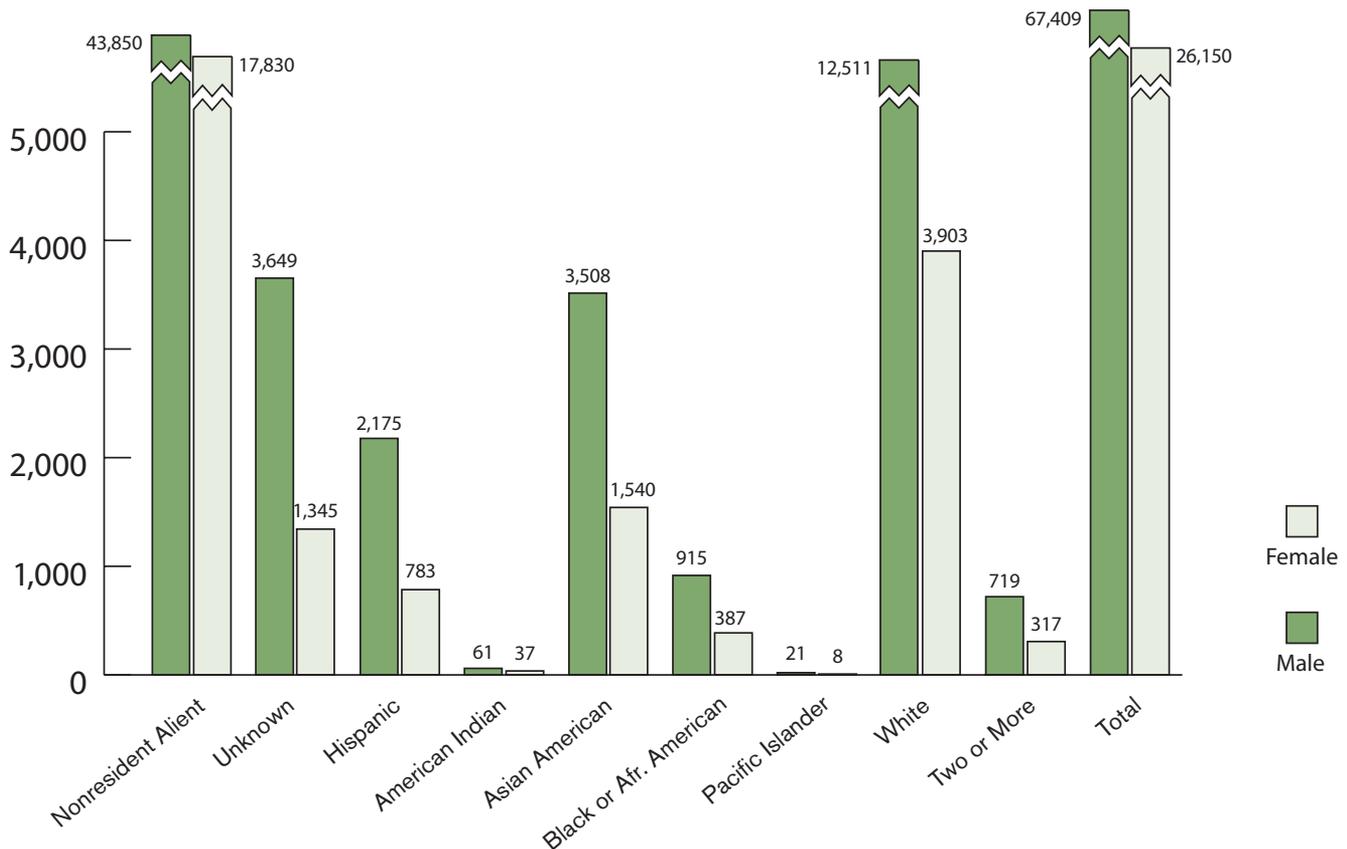
	2009	2010	2011	2012	2013	2014	2015	2016	2017
Foreign	44.1%	46.1%	44.4%	43.3%	45.3%	47.5%	52.6%	58.1%	59.2%
Domestic	55.9%	53.9%	55.6%	56.7%	54.7%	52.5%	47.4%	41.9%	40.8%

MASTER'S DEGREES AWARDED BY ETHNICITY AND GENDER: 66,340*



* Includes 39 male and 17 female graduates from Puerto Rico.

MASTER'S ENROLLMENT BY ETHNICITY AND GENDER: 93,559*



* Includes 123 male and 54 female enrolled students from Puerto Rico.

PERCENTAGE OF MASTER'S DEGREES AWARDED TO WOMEN BY SCHOOL*

1. North Carolina A&T State University	43.6%
2. The Catholic University of America	43.2%
3. Harvard University	43.1%
4. Santa Clara University	42.2%
5. Tufts University	41.1%
6. Brown University	39.8%
7. Carnegie Mellon University	38.6%
8. Dartmouth College	36.8%
9. Northeastern University	35.2%
10. University of Saint Thomas	35.0%
11. University of Wisconsin, Milwaukee	34.7%
11. University of California, Berkeley	34.7%
13. Cornell University	34.4%
14. Columbia University	34.2%
15. University of Connecticut	33.8%
16. Northwestern University	33.7%
17. Rensselaer Polytechnic Institute	33.6%
18. Mass. Institute of Technology	33.0%
19. Univ. of Maryland, Baltimore County	32.9%
20. San Jose State University	32.8%

* Minimum of 50 total master's degrees awarded. 94 schools fit in this criterion.

PERCENTAGE OF DOCTORAL DEGREES AWARDED TO WOMEN BY SCHOOL*

1. Colorado State University	37.5%
2. Duke University	35.1%
3. Boston University	34.8%
4. University of Arizona	33.9%
5. Vanderbilt University	33.8%
6. Northeastern University	33.3%
7. The Johns Hopkins University	33.1%
8. Harvard University	32.7%
9. University of Notre Dame	32.4%
9. University of Colorado Boulder	32.4%
11. Colorado School of Mines	30.4%
12. Drexel University	29.9%
13. California Institute of Technology	29.6%
14. University of Virginia	29.5%
15. Cornell University	29.3%
16. Northwestern University	29.1%
17. Mass. Institute of Technology	29.0%
18. University of Houston	28.6%
19. University of California, Berkeley	28.2%
20. William Marsh Rice University	28.1%

* Minimum of 50 total master's degrees awarded. 43 schools fit in this criterion.

GRADUATE ENROLLMENT BY SCHOOL*

1. University of Southern California	5,922
2. Univ. of Illinois at Urbana-Champaign	4,348
3. The Johns Hopkins University	4,301
4. Northeastern University	4,178
5. Arizona State University	3,917
6. Georgia Institute of Technology	3,889
7. Columbia University	3,827
8. Stanford University	3,705
9. Texas A&M University	3,678
10. University of Michigan	3,608
11. Purdue University	3,555
12. North Carolina State University	3,364
13. Massachusetts Institute of Technology	3,135
14. University of California San Diego	2,913
15. University of Washington in Seattle	2,682
16. The University of Texas at Arlington	2,607
17. Carnegie Mellon University	2,544
18. Wayne State University	2,431
19. Cornell University	2,353
20. University of Florida	2,347
21. San Jose State University	2,283
22. The University of Texas at Dallas	2,248
23. NYU Tandon School of Engineering	2,247
24. University of California Los Angeles	2,242
25. Virginia Polytech. Institute and State U.	2,144
26. Northwestern University	2,117
27. The University of Texas at Austin	2,094
28. University at Buffalo SUNY	2,055
29. University of Pennsylvania	2,031
30. University of Colorado Boulder	2,025
31. The Pennsylvania State University	1,976
32. University of Maryland College Park	1,861
33. Stevens Institute of Technology	1,835
34. The Ohio State University	1,833
35. University of Minnesota -Twin Cities	1,815
36. George Mason University	1,709
37. The George Washington University	1,669
37. University of Central Florida	1,669
39. Stony Brook University	1,596
40. University of Wisconsin-Madison	1,477
41. University of Illinois at Chicago	1,421
42. Clemson University	1,348
43. Iowa State University	1,343
44. Syracuse University	1,289
45. Duke University	1,282
46. University of Utah	1,274
47. Colorado School of Mines	1,256
48. University of California Davis	1,236
49. University of Michigan-Dearborn	1,226
50. Oregon State University	1,209

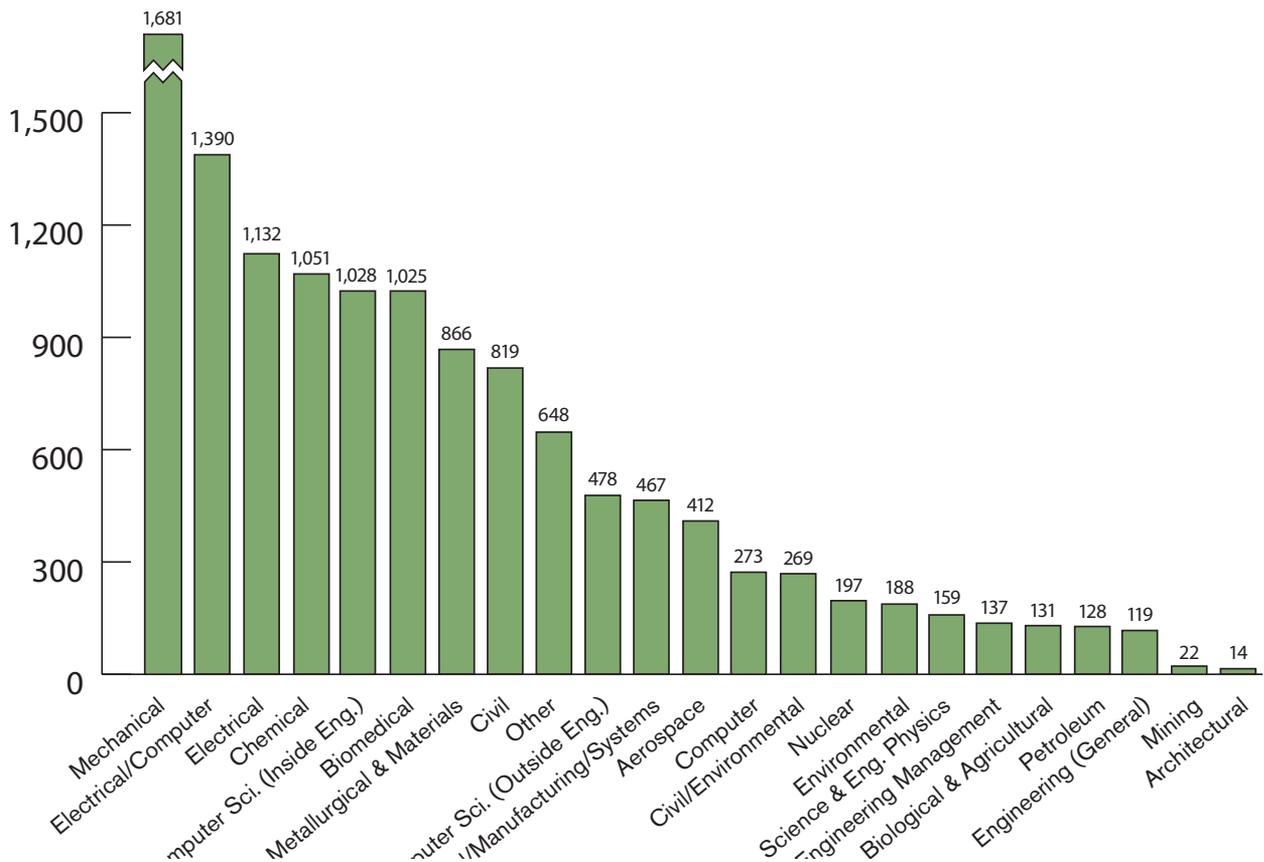
* 240 schools reported. Includes both part-time and full-time.

ENGINEERING DOCTORAL DEGREES AWARDED BY SCHOOL

1. Georgia Institute of Technology	359
2. Massachusetts Institute of Technology	355
3. Univ. of Illinois at Urbana-Champaign	300
4. University of Michigan	289
5. Purdue University	280
6. Stanford University	270
7. University of California, Berkeley	259
8. Texas A&M University	245
9. Virginia Polytech. Institute and State U.	216
10. The Pennsylvania State University	211
11. The University of Texas at Austin	203
12. North Carolina State University	199
13. Cornell University	181
14. University of Florida	180
15. University of Minnesota -Twin Cities	174
16. University of California, San Diego	173
17. Arizona State University	172
18. The Ohio State University	167
19. University of Southern California	159
20. University of California, Los Angeles	154
21. The George Washington University	149
22. Columbia University	148
23. University of Maryland, College Park	139
23. The Johns Hopkins University	139
25. University of Wisconsin-Madison	136
26. Northwestern University	134
27. Carnegie Mellon University	131
28. Iowa State University	129
29. University of Tennessee, Knoxville	118
30. University of California, Davis	114
31. University of Washington in Seattle	112
31. Colorado School of Mines	112
33. University of Colorado Boulder	105
34. University of Delaware	101
35. University of Central Florida	100
36. University of Utah	95
36. Princeton University	95
38. Michigan State University	93
38. University of California, Santa Barbara	93
40. The University of Texas at Arlington	92
41. Clemson University	91
41. Missouri U. of Science and Tech.	91
43. Rensselaer Polytechnic Institute	89
43. The University of Texas at Dallas	89
43. William Marsh Rice University	89
46. Stony Brook University	87
47. University at Buffalo, SUNY	84
47. University of Houston	84
49. Rutgers, The State U. of NJ, School of E.	83
49. University of Connecticut	83

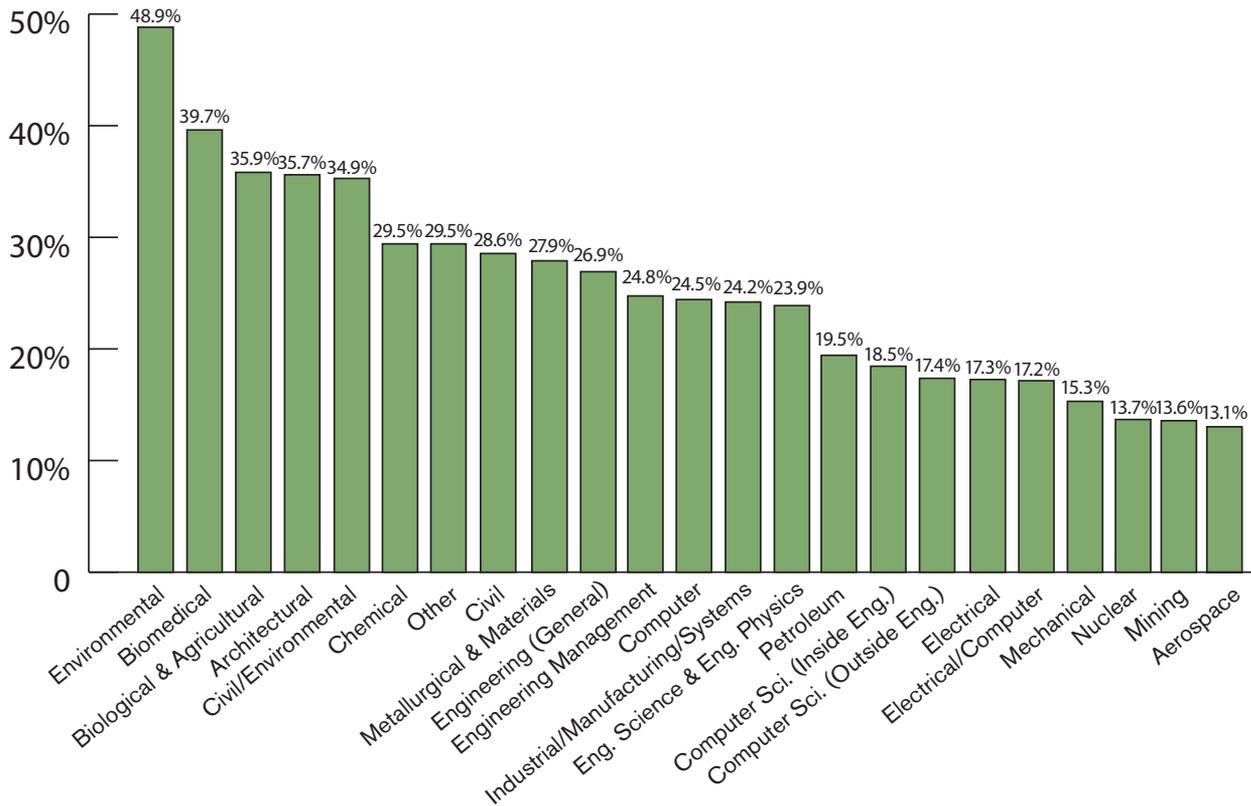
* 204 schools reported. Includes both part-time and full-time.

DOCTORAL DEGREES AWARDED BY DISCIPLINE: 12,156*



* Total does not include computer science (outside engineering).

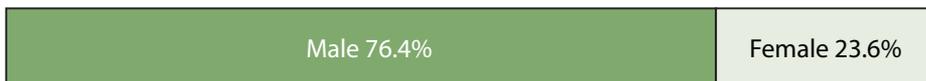
PERCENTAGE OF DOCTORAL DEGREES AWARDED TO WOMEN BY DISCIPLINE: 23.6%%



DOCTORAL DEGREES AWARDED TO FOREIGN NATIONALS

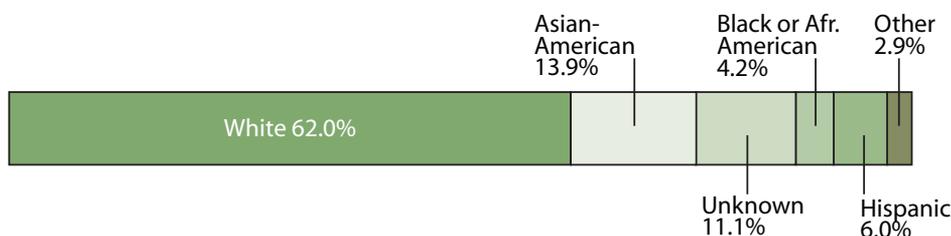
1. Georgia Institute of Technology	190
2. Purdue University	182
3. Univ. of Illinois at Urbana-Champaign	171
4. Massachusetts Institute of Technology	170
5. Texas A&M University	167
6. Virginia Polytech. Institute and State U.	141
7. The Pennsylvania State University	140
8. University of Michigan	135
9. North Carolina State University	125
10. The University of Texas at Austin	120
11. Arizona State University	118
12. University of California-Berkeley	111
13. University of Southern California	106
14. University of Minnesota -Twin Cities	102
15. The Ohio State University	101
16. Stanford University	100
17. University of California-San Diego	96
18. Columbia University	95
19. Cornell University	94
19. University of Florida	94
21. Iowa State University	93
22. University of California-Los Angeles	89
23. Carnegie Mellon University	81
23. University of Wisconsin-Madison	81
25. Missouri U. of Science and Tech.	75
25. The University of Texas at Dallas	75
27. University of Maryland-College Park	73
28. University at Buffalo-SUNY	72
28. The University of Texas at Arlington	72
30. Stony Brook University	69
31. University of Central Florida	67
31. Northwestern University	67
33. University of Houston	62
34. Michigan State University	61
35. University of Tennessee-Knoxville	58
36. Princeton University	57
36. University of Connecticut	56
36. University of Utah	56
38. William Marsh Rice University	55
40. Northeastern University	52
41. The Johns Hopkins University	51
41. University of Washington in Seattle	50
43. University of California-Davis	49
43. Louisiana State University	49
43. Rensselaer Polytechnic Institute	49
43. Rutgers, The State U. of NJ, School of E.	49
47. Colorado School of Mines	48
47. University of Delaware	48
47. University of Missouri	48
50. Auburn University	46
50. University of Pittsburgh	46
50. Texas Tech University	46
50. Washington State University	46
50. University of Pittsburgh	46

DOCTORAL DEGREES BY GENDER, 2018



	2009	2010	2011	2012	2013	2014	2015	2016	2017
Female	21.2%	21.2%	22.9%	21.8%	22.2%	22.4%	22.2%	23.3%	23.5%
Male	78.8%	78.8%	77.1%	78.2%	77.8%	77.6%	77.8%	76.7%	76.5%

DOCTORAL DEGREES BY ETHNICITY, 2018*



	2009	2010	2011	2012	2013	2014	2015	2016	2017
Black or Afr. American	3.8%	4.4%	3.5%	4.1%	4.1%	3.6%	3.2%	4.4%	3.8%
Hispanic	3.8%	5.2%	4.2%	4.1%	4.7%	5.1%	6.1%	5.7%	6.3%
Other	17.6%	1.0%	1.6%	1.7%	1.7%	1.6%	2.2%	3.1%	2.9%
Asian American	13.2%	14.0%	15.1%	14.1%	13.5%	10.4%	14.1%	14.9%	14.8%
White	61.6%	65.7%	60.3%	61.1%	61.8%	65.1%	62.9%	62.0%	62.2%
Unknown		9.7%	15.3%	14.9%	14.2%	14.2%	11.5%	9.9%	10.0%

* Data on ethnicity does not include foreign nationals. American Indians (0.1%), Hawaiian/Pacific Islanders (0.1%), and Two or More (1%) are combined under Other.

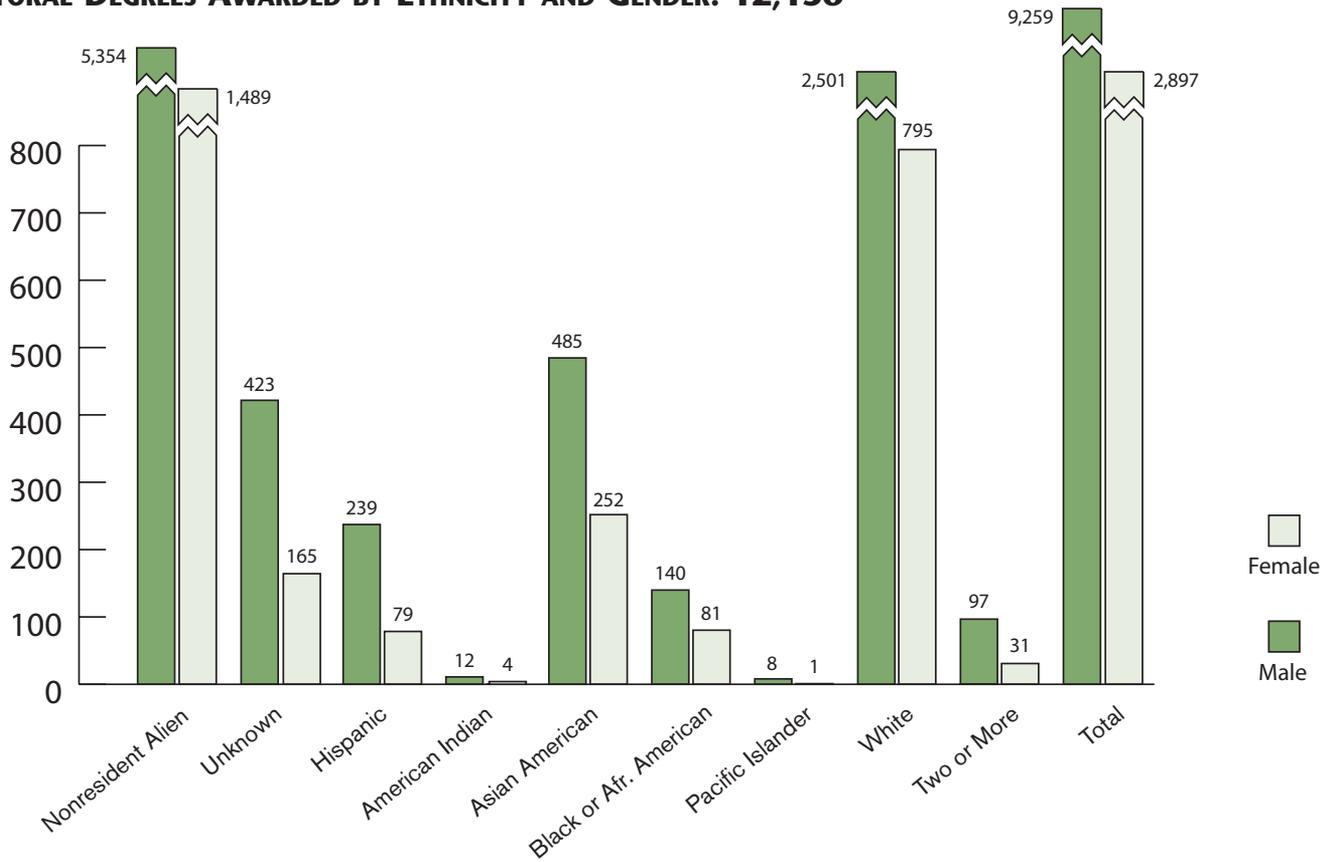
DOCTORAL DEGREES BY RESIDENCY, 2018



	2009	2010	2011	2012	2013	2014	2015	2016	2016
Foreign	55.1%	54.2%	54.2%	53.3%	55.1%	54.8%	54.7%	54.8%	55.7%
Domestic	44.9%	45.8%	45.8%	46.7%	44.9%	45.2%	45.3%	45.2%	44.3%

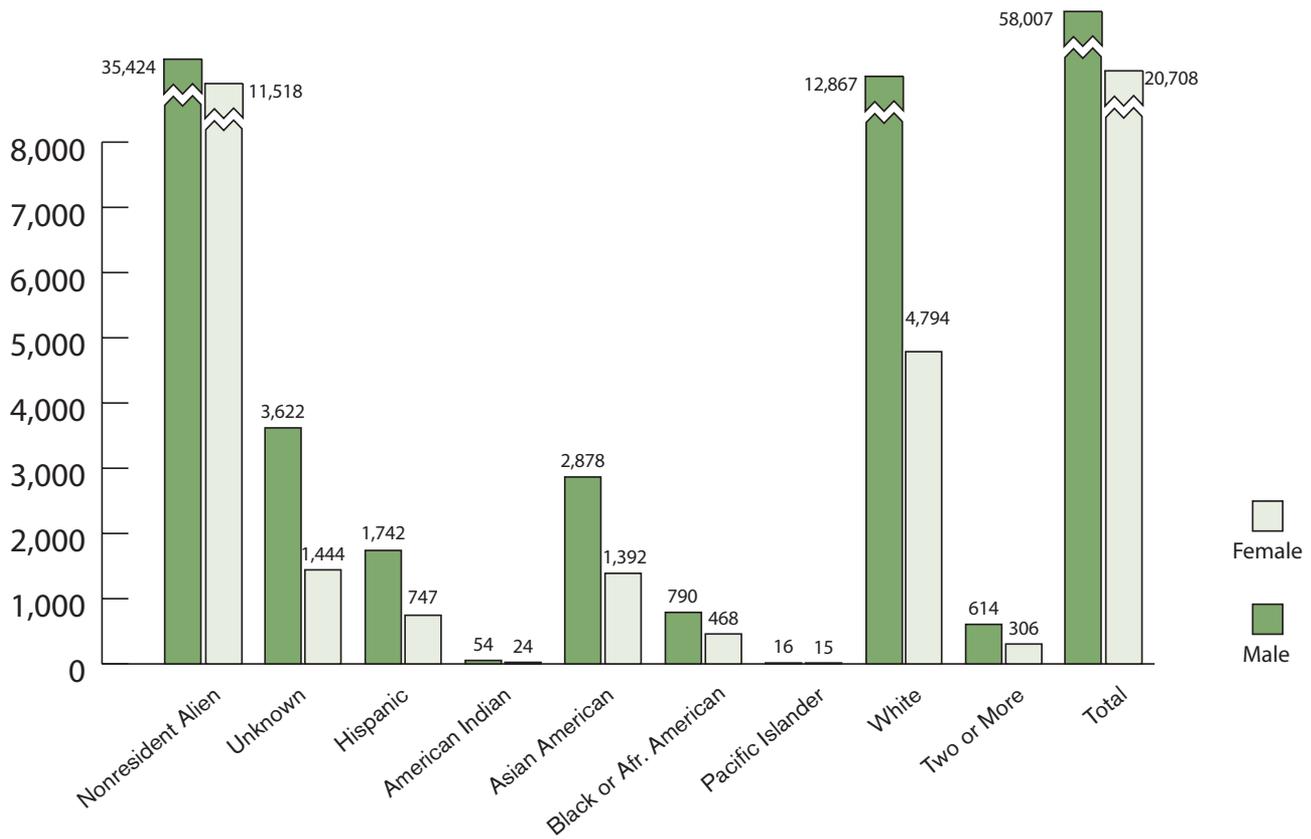
* 191 schools included.

DOCTORAL DEGREES AWARDED BY ETHNICITY AND GENDER: 12,156*



* Includes 9 Hispanic male and 1 Hispanic female graduates from schools in Puerto Rico.

DOCTORAL ENROLLMENT BY ETHNICITY AND GENDER: 78,715*



* Includes 74 Hispanic male and 34 Hispanic female graduates from schools in Puerto Rico.

ENGINEERING BACHELOR'S DEGREES AWARDED BY SCHOOL (EXCLUDING COMPUTER SCIENCE)

1. Georgia Institute of Technology	2,091
2. Univ. of Illinois at Urbana-Champaign	1,910
3. The Pennsylvania State University	1,907
4. Texas A&M University	1,805
5. Purdue University	1,771
6. Iowa State University	1,548
7. Arizona State University	1,534
8. University of California, Berkeley	1,426
9. Virginia Polytech. Institute and State U.	1,419
10. North Carolina State University	1,361
11. The Ohio State University	1,320
12. The University of Texas at Austin	1,265
13. California Poly. State U., SLO	1,251
14. University of Michigan	1,248
15. California State Poly. U., Pomona	1,182
16. University of Florida	1,163
17. University of Maryland, College Park	1,100
18. Missouri U. of Science and Tech.	1,093
19. University of California, San Diego	1,038
20. University of Wisconsin-Madison	1,034
21. Colorado School of Mines	1,015
22. Louisiana State University	968
23. University of Central Florida	943
24. Oregon State University	927
25. Clemson University	905
26. San Jose State University	896
27. University of Washington in Seattle	887
27. Stony Brook University	887
29. Rutgers, The State U. of NJ, School of E.	886
30. Texas Tech University	883
31. University of Colorado Boulder	873
32. University of Minnesota -Twin Cities	848
33. California State University, Long Beach	816
34. Rensselaer Polytechnic Institute	808
35. Michigan State University	805
36. The University of Alabama	783
37. University at Buffalo, SUNY	773
38. Drexel University	766
39. Auburn University	750
39. University of California, Davis	750
41. West Virginia University	737
42. University of Pittsburgh	734
43. Michigan Technological University	731
44. University of California, Irvine	717
45. University of Houston	714
46. Worcester Polytechnic Institute	698
47. Northeastern University	687
48. New Jersey Institute of Technology	681
49. University of South Florida	679
50. San Diego State University	675

* 393 schools included.

ENGINEERING MASTER'S DEGREES AWARDED BY SCHOOL (EXCLUDING COMPUTER SCIENCE)

1. University of Southern California	1,343
2. Northeastern University	1,328
3. Georgia Institute of Technology	1,257
4. University of Michigan	1,244
5. Carnegie Mellon University	1,175
6. Columbia University	1,073
7. San Jose State University	981
8. The University of Texas at Arlington	900
9. Arizona State University	890
10. The Johns Hopkins University	885
11. Stanford University	869
12. NYU Tandon School of Engineering	844
13. Univ. of Illinois at Urbana-Champaign	807
14. University of California, Berkeley	776
15. Massachusetts Institute of Technology	772
16. Cornell University	745
17. University of Washington in Seattle	737
18. Purdue University	729
19. Texas A&M University	723
20. University of Florida	719
21. Stevens Institute of Technology	693
22. Northwestern University	674
23. North Carolina State University	652
24. University of California, Los Angeles	595
25. University of California, San Diego	571
26. University of Colorado Boulder	556
27. Wayne State University	551
28. University of Maryland, College Park	534
29. Missouri U. of Science and Tech.	502
30. Virginia Polytech. Institute and State U.	497
31. University at Buffalo, SUNY	490
32. New Jersey Institute of Technology	451
33. The University of Texas at Austin	445
34. University of South Florida	435
35. University of Pennsylvania	425
36. University of Illinois at Chicago	406
37. Southern Methodist University	402
38. Texas A&M University - Kingsville	399
39. The George Washington University	398
40. University of Minnesota -Twin Cities	397
41. The Ohio State University	390
42. The Pennsylvania State University	389
43. University of Michigan-Dearborn	386
44. University of Houston	379
45. The University of Texas at Dallas	378
46. Worcester Polytechnic Institute	360
47. Iowa State University	350
48. Colorado School of Mines	347
49. Boston University	341
50. Washington University in St. Louis	339

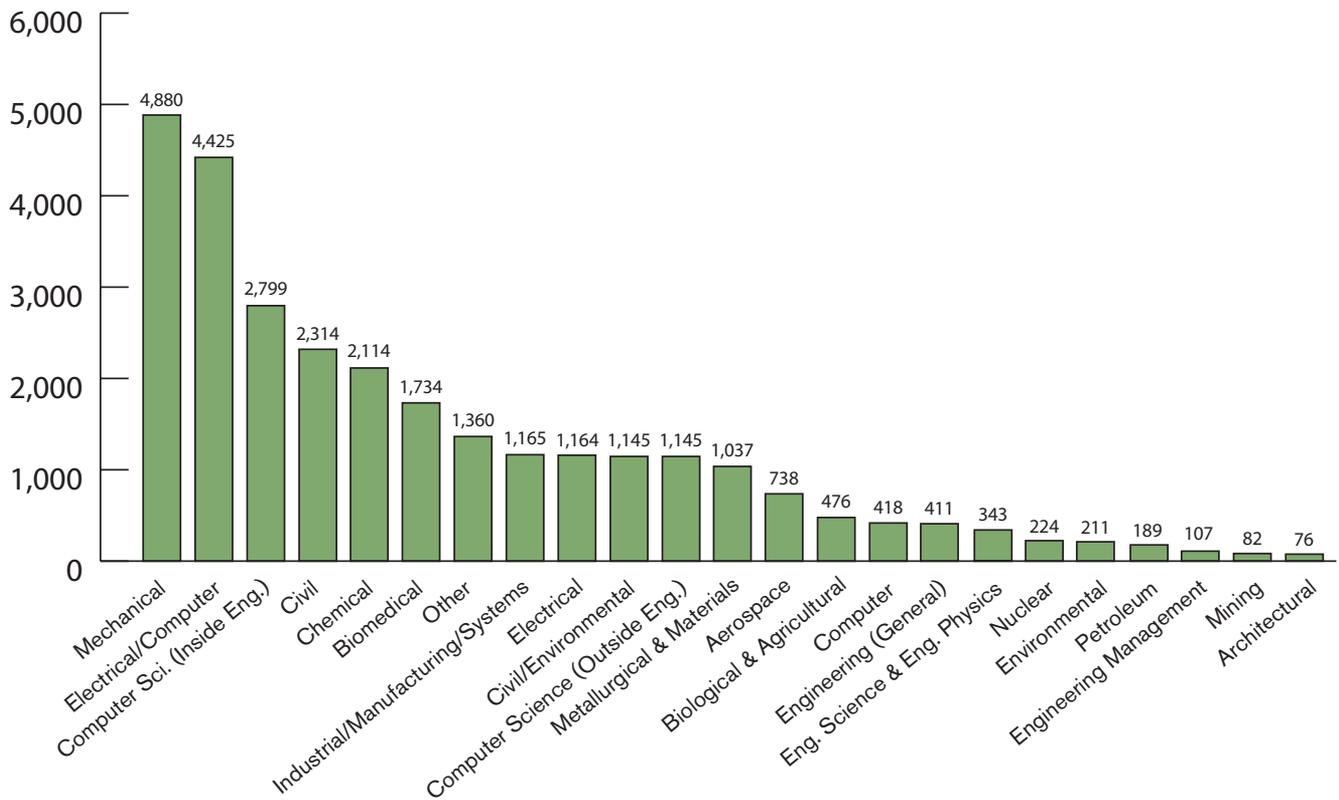
* 277 schools included.

ENGINEERING DOCTORAL DEGREES AWARDED BY SCHOOL (EXCLUDING COMPUTER SCIENCE)

1. Georgia Institute of Technology	359
2. Massachusetts Institute of Technology	355
3. University of Michigan	289
4. Purdue University	280
5. Univ. of Illinois at Urbana-Champaign	261
6. Stanford University	243
7. Texas A&M University	227
8. University of California, Berkeley	225
9. The Pennsylvania State University	211
10. The University of Texas at Austin	203
11. Virginia Polytech. Institute and State U.	190
12. North Carolina State University	172
13. University of Florida	163
14. Cornell University	153
15. University of Minnesota -Twin Cities	150
16. Arizona State University	149
17. University of California, San Diego	145
18. The Ohio State University	141
18. The George Washington University	141
20. University of Maryland, College Park	139
21. University of Wisconsin-Madison	136
22. University of California, Los Angeles	132
23. Carnegie Mellon University	131
24. Iowa State University	129
25. Northwestern University	126
26. University of Southern California	120
26. Columbia University	120
28. University of Tennessee, Knoxville	117
28. The Johns Hopkins University	117
30. University of Washington in Seattle	112
31. Colorado School of Mines	110
32. University of California, Davis	99
33. Rensselaer Polytechnic Institute	89
33. Missouri U. of Science and Tech.	89
35. University of Colorado Boulder	88
35. Clemson University	88
35. University of Delaware	88
38. University of Houston	84
39. Rutgers, The State U. of NJ, School of E.	83
40. University of Central Florida	82
41. University of California, Irvine	81
41. William Marsh Rice University	81
41. Princeton University	81
44. University of Pittsburgh	78
44. University of Utah	78
46. The University of Texas at Arlington	77
47. Northeastern University	75
47. University of Connecticut	75
49. University of California, Santa Barbara	74
50. University of Notre Dame	71

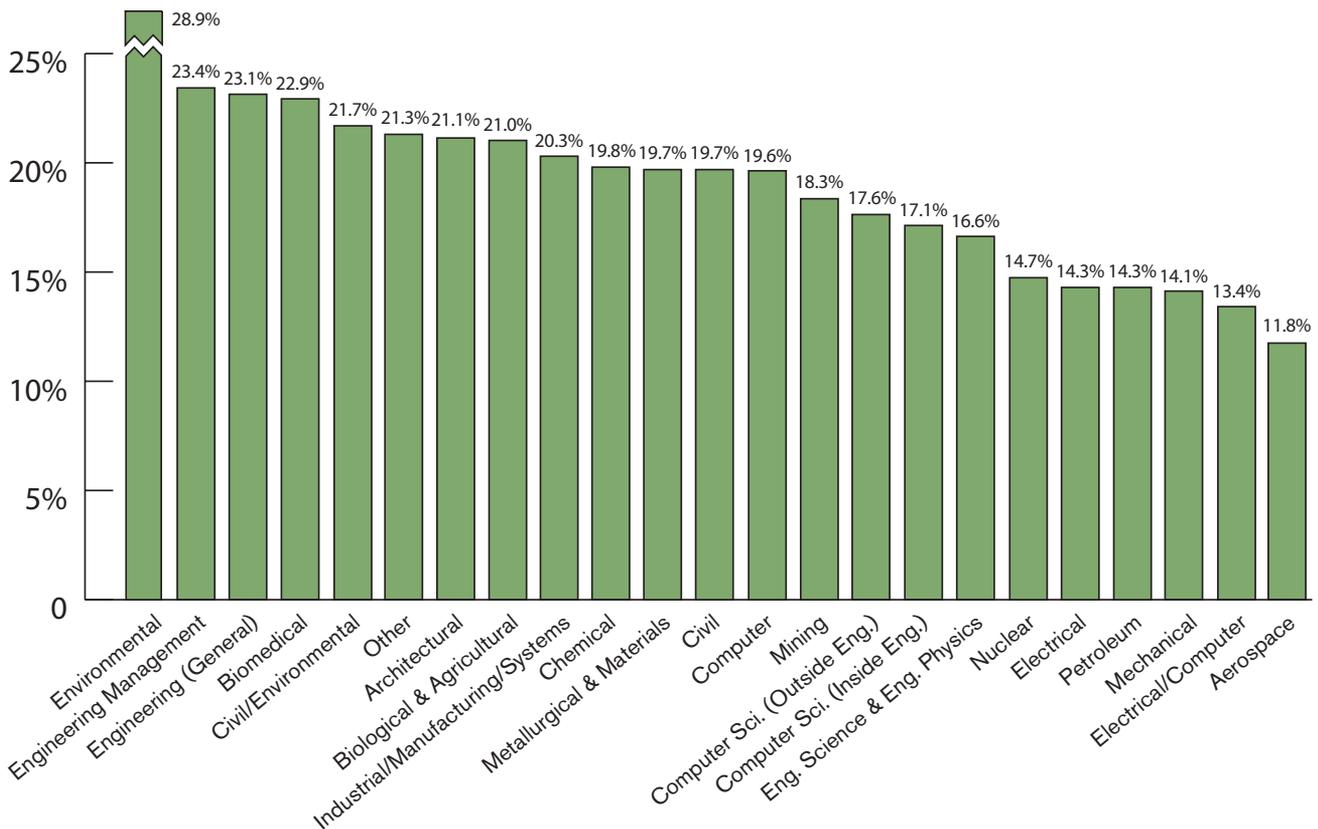
* 212 schools included.

NUMBER OF TENURED/TENURE-TRACK FACULTY BY DISCIPLINE: 27,412*



* Total does not include computer science (outside engineering)

PERCENTAGE OF WOMEN TENURED/TENURE-TRACK FACULTY BY DISCIPLINE: 17.4%

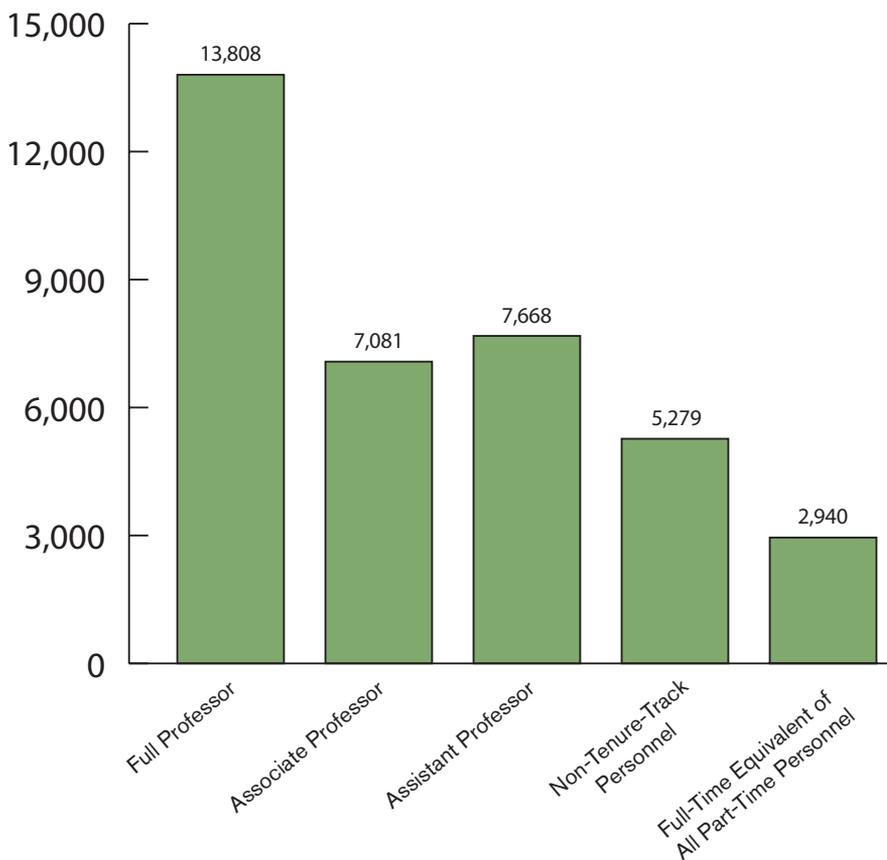


TENURED/TENURE-TRACK FACULTY MEMBERS BY SCHOOL

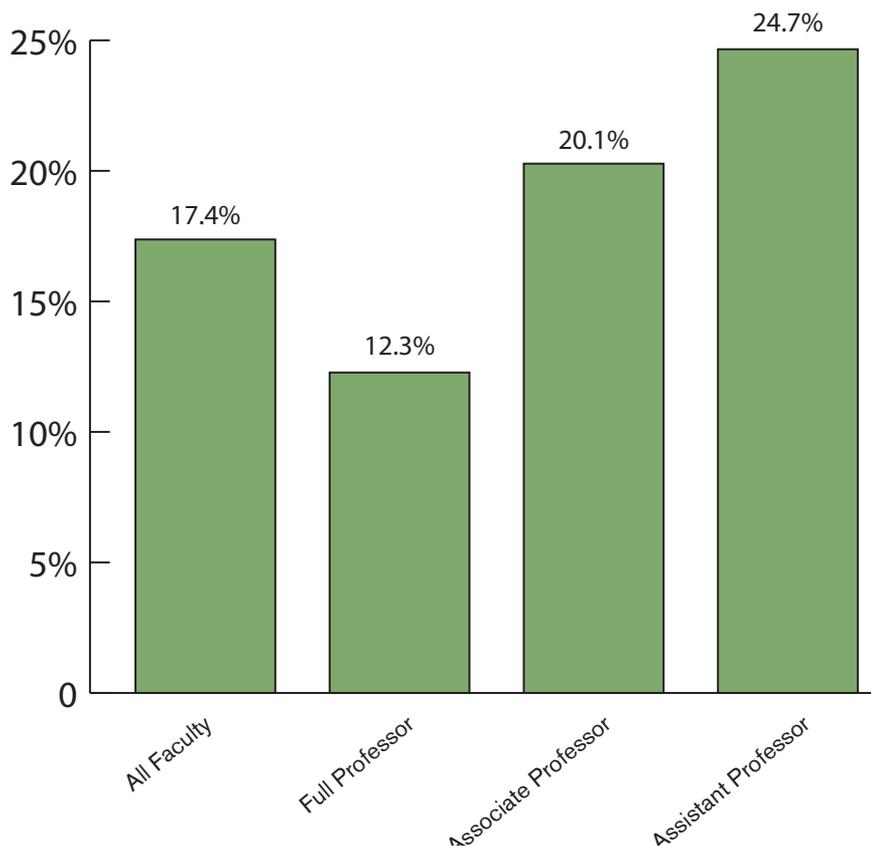
1. Georgia Institute of Technology	506
2. Univ. of Illinois at Urbana-Champaign	452
3. Texas A&M University	439
4. University of Michigan	426
5. Virginia Polytech. Institute and State U.	398
6. Massachusetts Institute of Technology	385
7. The Pennsylvania State University	380
8. North Carolina State University	362
9. Purdue University	353
10. Arizona State University	323
11. University of Florida	288
12. The Ohio State University	284
13. Cornell University	279
14. The University of Texas at Austin	269
15. University of Washington in Seattle	267
16. Stanford University	260
17. University of California Berkeley	250
18. University of Minnesota -Twin Cities	240
19. Iowa State University	239
20. University of California San Diego	233
21. Michigan State University	228
22. Clemson University	227
23. University of California Davis	217
24. University of Maryland College Park	216
25. University of Utah	215
26. University of Wisconsin-Madison	213
27. The Johns Hopkins University	210
28. Colorado School of Mines	202
28. Northwestern University	202
30. University at Buffalo SUNY	201
31. University of Nebraska Lincoln	194
32. Oregon State University	191
33. University of Southern California	188
34. University of Colorado Boulder	182
35. University of Tennessee Knoxville	179
36. University of Central Florida	178
37. Missouri U. of Science and Tech.	177
37. University of California Los Angeles	177
39. Columbia University	175
40. Auburn University	172
40. University of Arizona	172
42. University of Virginia	166
43. University of PR, Mayaguez Campus	164
44. Stony Brook University	163
45. The University of Texas at Dallas	161
46. Washington State University	159
47. University of Kentucky	158
48. Northeastern University	157
48. University of Connecticut	157
50. United States Military Academy	152

* 436 schools included

NUMBER OF TEACHING PERSONNEL BY RANK: 36,776



PERCENTAGE OF WOMEN TENURED/TENURE-TRACK FACULTY BY LEVEL



**PERCENTAGE OF WOMEN TENURED/
TENURE-TRACK FACULTY BY
SCHOOL***

1. Smith College	70.0%
2. Humboldt State University	66.7%
2. Sweet Briar College	66.7%
4. Saint Ambrose University	50.0%
5. University of Hartford	40.0%
6. University of Bridgeport	38.9%
7. Olin College of Engineering	38.1%
8. Seattle University	35.7%
9. Harvey Mudd College	35.0%
10. University of Portland	34.6%
11. Santa Clara University	34.0%
12. Middle Tennessee State University	33.3%
12. Swarthmore College	33.3%
14. Mercer University	31.4%
14. University of Saint Thomas	31.4%
16. San Jose State University	29.9%
17. Roger Williams University	29.4%
18. Texas Christian University	28.6%
19. Howard University	28.3%
20. Lafayette College	28.2%
21. Saint Louis University	28.1%
21. University of Wisconsin Platteville	28.1%
23. University of the District of Columbia	28.0%
24. Fairfield University	27.3%
24. University of New Haven	27.3%

26. Boise State University	27.1%
27. University of the Pacific	27.0%
28. Gannon University	26.9%
28. University of San Diego	26.9%
30. Bucknell University	26.6%
31. University of Massachusetts Lowell	26.5%
32. University of Massachusetts Dartmouth	26.4%
33. University of Washington-Tacoma	26.3%
33. Montana State University	26.3%
35. Tufts University	26.1%
36. Carnegie Mellon University	25.7%
37. New York Institute of Technology	25.6%
38. Drexel University	25.5%
38. University of Washington in Seattle	25.5%
40. California State University Long Beach	25.3%
41. Hofstra University	25.0%
41. Loyola Marymount University	25.0%
41. Morgan State University	25.0%
41. Tulane University	25.0%
41. Univ. of Maryland, Baltimore County	25.0%
41. Valparaiso University	25.0%
41. Western Washington University	25.0%
48. Stevens Institute of Technology	24.7%
49. Kettering University	24.5%
50. Oregon State University	24.1%

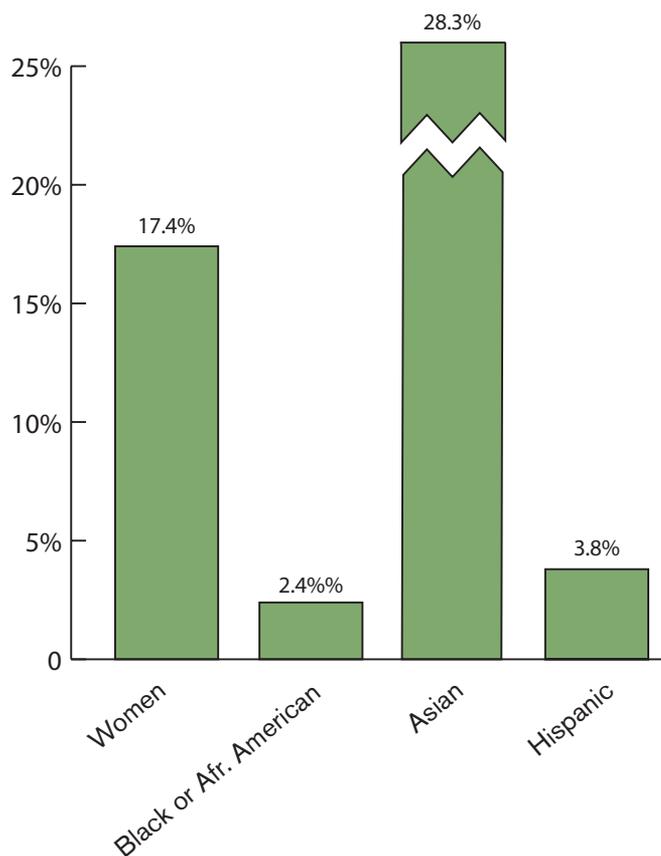
* Minimum 25 faculty
251 schools fit this criterion

**WOMEN TENURED/TENURE-TRACK
FACULTY BY SCHOOL**

1. Georgia Institute of Technology	101
2. University of Michigan	86
3. University of Illinois at Urbana-Champaign	78
4. Virginia Polytech. Institute and State U.	75
5. Massachusetts Institute of Technology	74
6. Arizona State University	73
7. Purdue University	68
7. University of Washington in Seattle	68
9. The Pennsylvania State University	67
10. Texas A&M University	65
11. North Carolina State University	61
12. The Ohio State University	59
13. University of Florida	56
14. The University of Texas at Austin	51
15. Cornell University	50
16. University of California Davis	49
17. University of California Berkeley	48
18. Clemson University	47
19. Oregon State University	46
19. The Johns Hopkins University	46

* 296 schools included

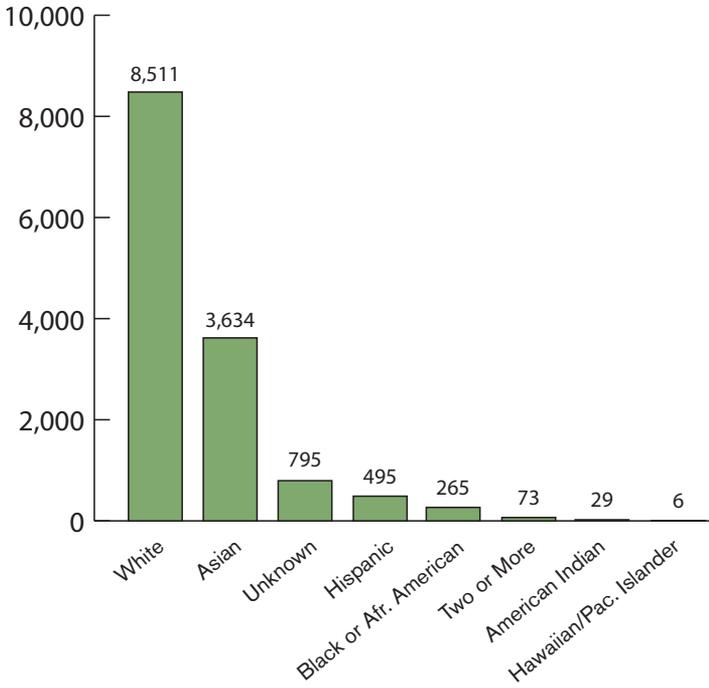
PERCENTAGE OF WOMEN AND MINORITY FACULTY, 2009–2018*



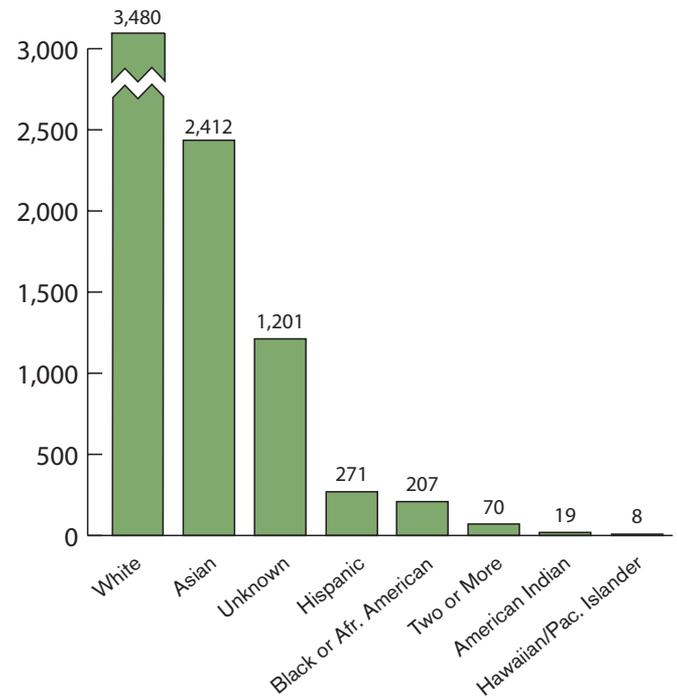
	Women	African-American	Asian	Hispanic
2009	12.7%	2.5%	23.3%	3.5%
2010	13.2%	2.5%	23.9%	3.6%
2011	13.8%	2.5%	24.1%	3.7%
2012	14.0%	2.7%	24.6%	3.9%
2013	14.5%	2.6%	25.2%	3.6%
2014	15.2%	2.5%	25.6%	3.9%
2015	15.7%	2.5%	26.9%	3.9%
2016	16.3%	2.3%	27.6%	3.7%
2017	17.0%	3.1%	26.0%	5.1%
2018	17.6%	2.4%	28.3%	3.8%

* Note: Includes faculty data from University of Puerto Rico, Mayaguez, Polytechnic University of Puerto Rico and Turabo University.

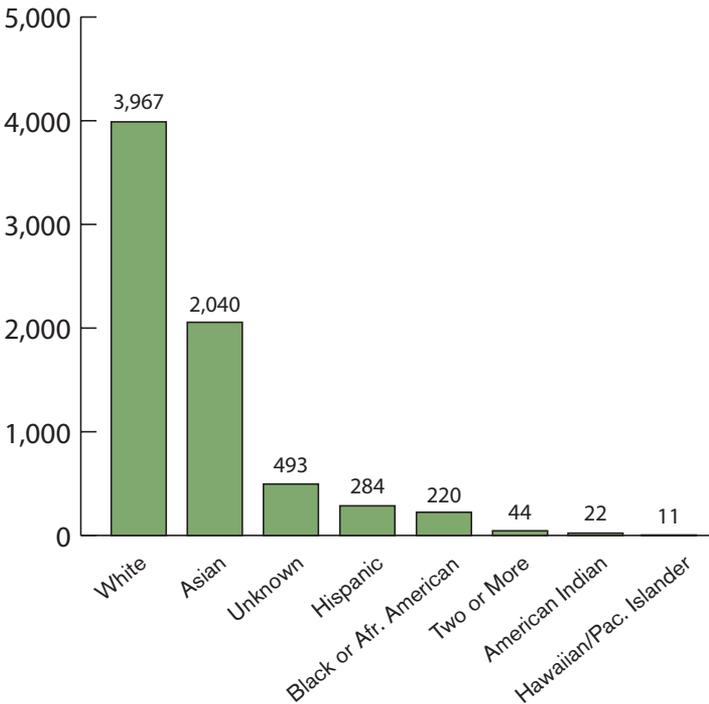
NUMBER OF FULL PROFESSORS BY RACE/ETHNICITY (TEACHING): 13,808*



NUMBER OF ASSISTANT PROFESSORS BY RACE/ETHNICITY (TEACHING): 7,668 *



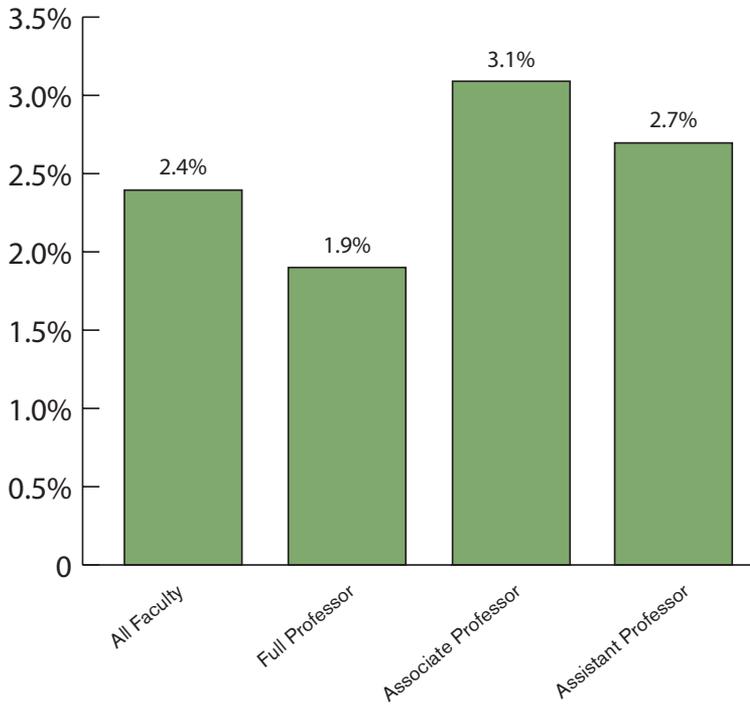
NUMBER OF ASSOCIATE PROFESSORS BY RACE/ETHNICITY (TEACHING): 7,081 *



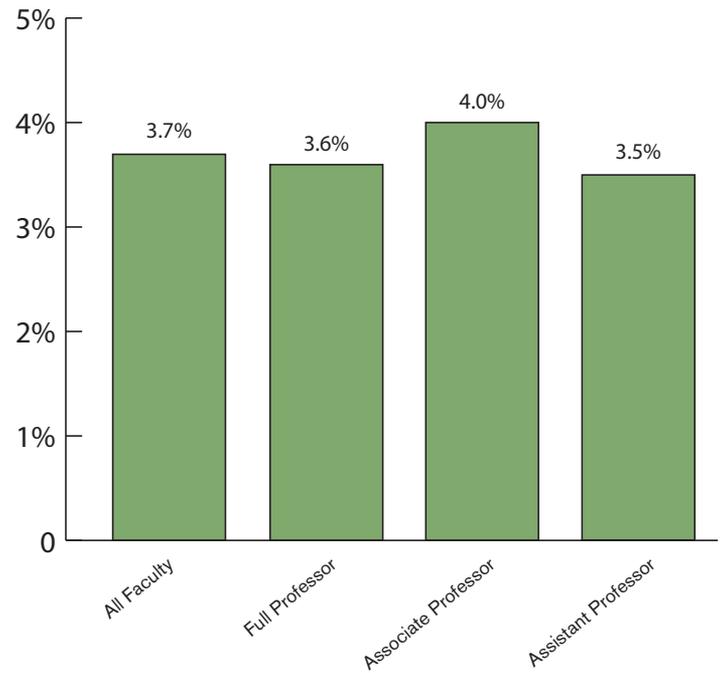
* Includes 14 Hispanic faculty from schools in Puerto Rico. Computer Science (outside) of engineering has been removed.

* Includes 30 Hispanic faculty from schools in Puerto Rico. Computer Science (outside) of engineering has been removed.

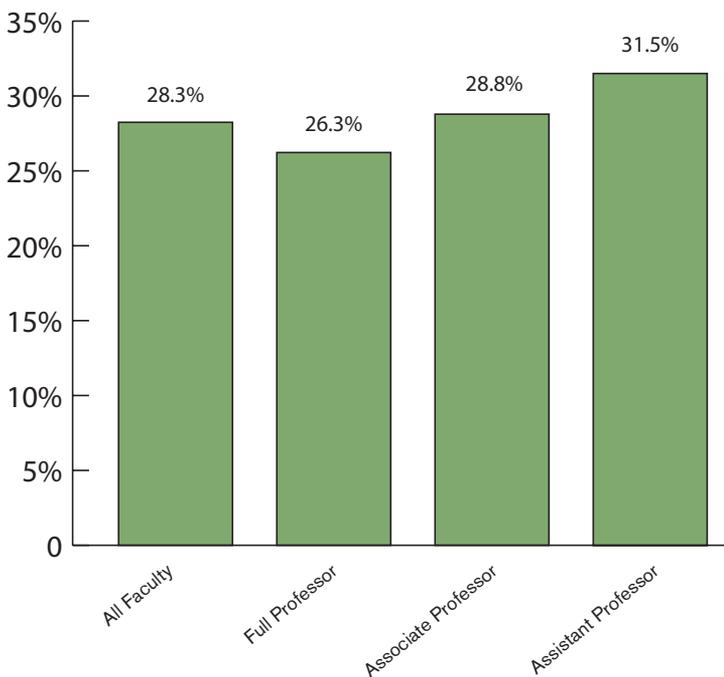
PERCENTAGE OF AFRICAN AMERICAN TENURED/TENURE-TRACK FACULTY BY LEVEL*



PERCENTAGE OF HISPANIC TENURED/TENURE-TRACK FACULTY BY LEVEL*



PERCENTAGE OF ASIAN TENURED/TENURE-TRACK FACULTY BY LEVEL*



* Includes faculty from University of Puerto Rico, Mayaguez Campus.

**AFRICAN AMERICAN TENURED/
TENURE-TRACK FACULTY BY
SCHOOL**

1. Howard University	24
2. Georgia Institute of Technology	18
3. FAMU-FSU College of Engineering	17
3. University of Florida	17
5. Morgan State University	15
5. University of Tennessee Chattanooga	15
7. North Carolina A&T State University	14
7. University of Michigan	14
9. Massachusetts Institute of Technology	11
9. Univ. of Illinois at Urbana-Champaign	11
9. Virginia Polytech. Institute and State U.	11
12. Cornell University	10
12. The Johns Hopkins University	10
14. Purdue University	9
15. Clemson University	8
15. North Carolina State University	8
15. Tuskegee University	8
15. University of Maryland College Park	8
19. Iowa State University	7
19. Missouri U. of Science and Tech.	7

* 294 schools included.

**ASIAN TENURED/TENURE-TRACK
FACULTY BY SCHOOL**

1. Georgia Institute of Technology	156
2. Texas A&M University	149
3. Purdue University	123
4. Univ. of Illinois at Urbana-Champaign	121
5. Arizona State University	115
6. University of Michigan	108
7. The Ohio State University	105
8. University at Buffalo SUNY	100
9. North Carolina State University	93
10. Iowa State University	91
10. Michigan State University	91
10. Virginia Polytech. Institute and State U.	91
13. University of California San Diego	88
14. University of Florida	85
15. The Pennsylvania State University	81
16. University of California Los Angeles	80
17. University of Central Florida	75
17. University of Connecticut	75
19. University of Nebraska Lincoln	72
20. University of Minnesota -Twin Cities	70

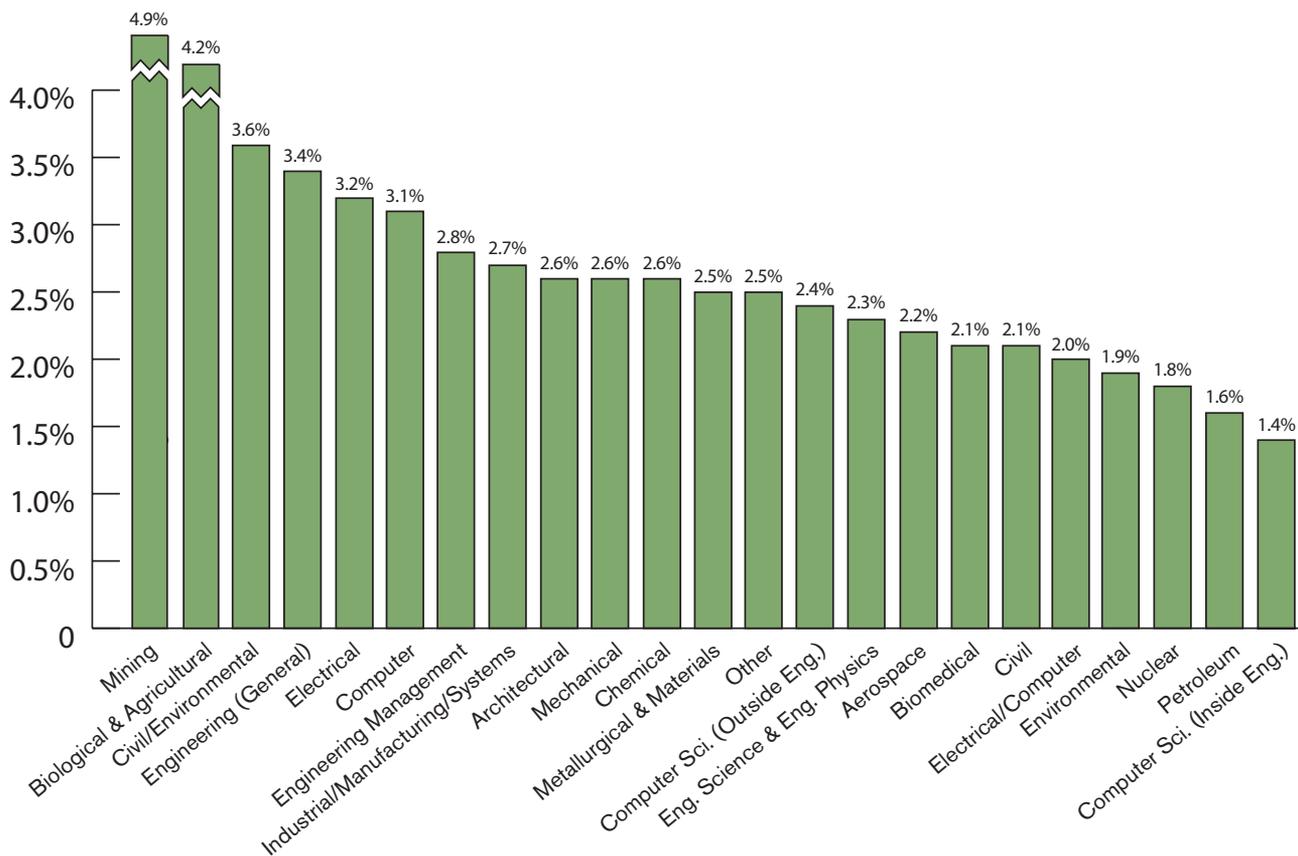
* 298 schools included.

**HISPANIC TENURED/TENURE-
TRACK FACULTY BY SCHOOL**

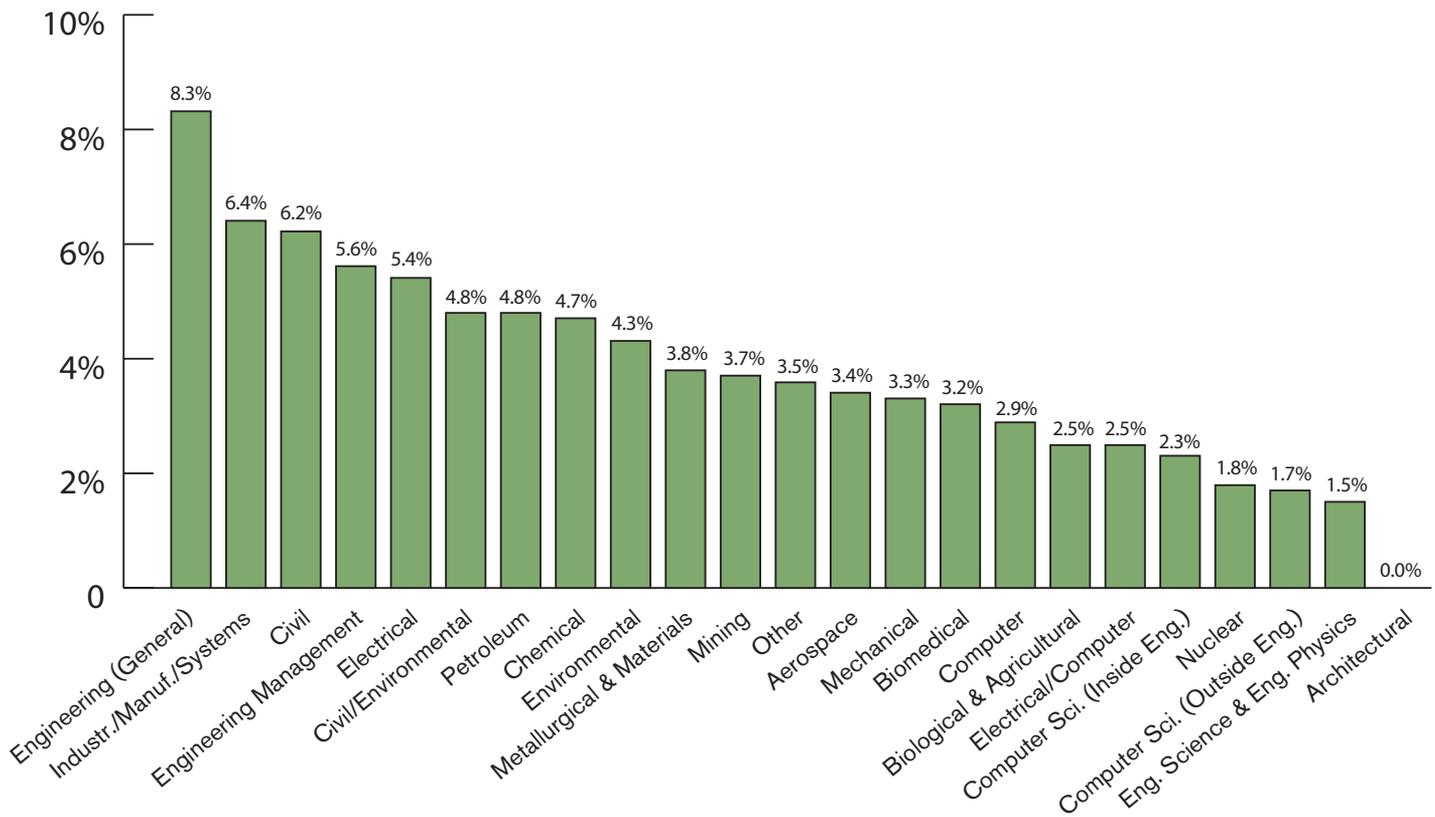
1. University of PR, Mayaguez Campus	148
2. Texas A&M University	33
3. The University of Texas at El Paso	26
4. Massachusetts Institute of Technology	20
4. Univ. of Illinois at Urbana-Champaign	20
6. Georgia Institute of Technology	19
7. Purdue University	18
8. University of California San Diego	17
8. Virginia Polytech. Institute and State U.	17
10. University of Florida	15
11. Arizona State University	14
11. University of California Berkeley	14
13. Stanford University	13
14. The Ohio State University	12
14. The University of Texas at Austin	12
14. University of California-Santa Cruz	12
17. Michigan State University	11
17. The Pennsylvania State University	11
17. The University of Texas at San Antonio	11
17. University of South Florida	11

* 295 schools included.

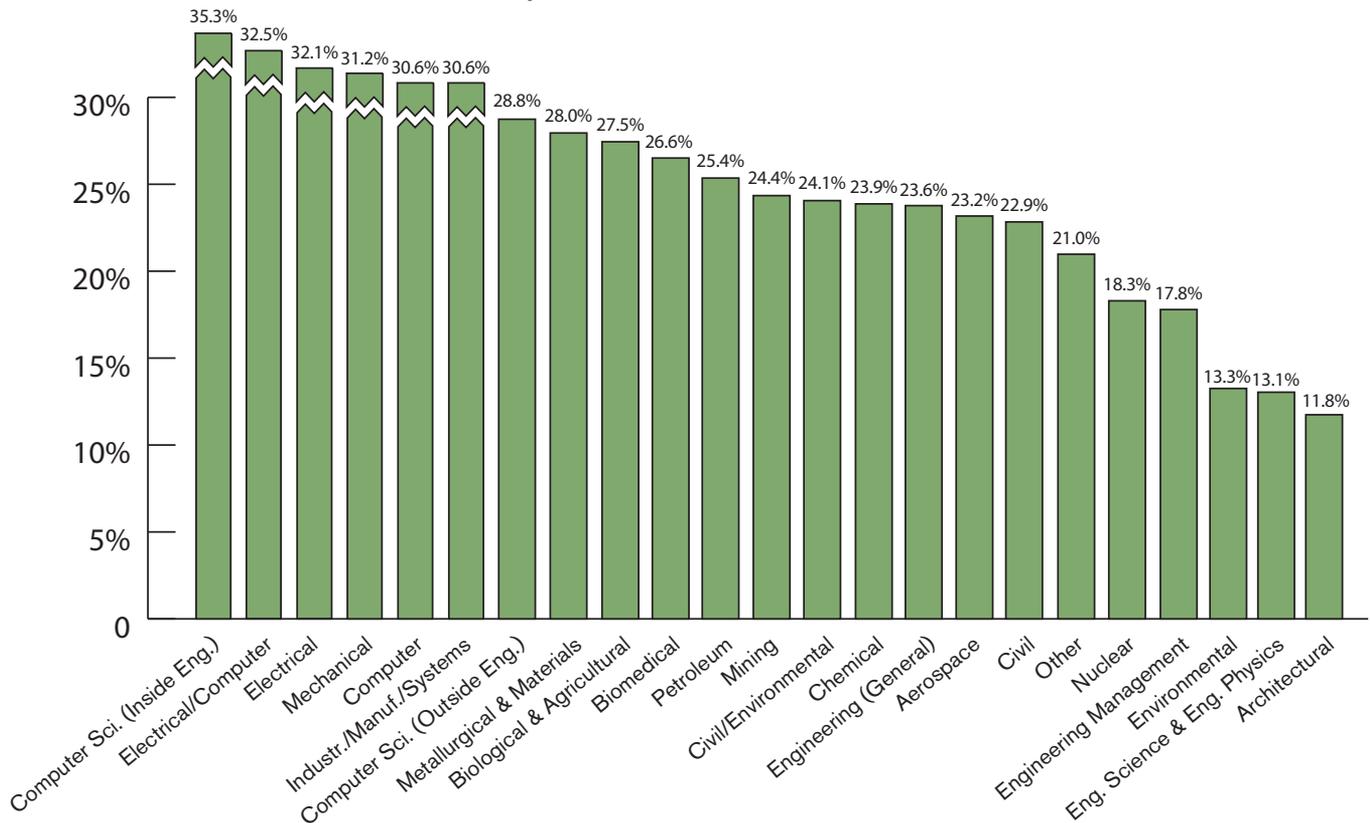
PERCENTAGE OF AFRICAN AMERICAN TENURED/TENURE-TRACK FACULTY BY DISCIPLINE: 2.4%



PERCENTAGE OF HISPANIC TENURED/TENURE-TRACK FACULTY BY DISCIPLINE: 3.7%



PERCENTAGE OF ASIAN-AMERICAN TENURED/TENURE-TRACK FACULTY BY DISCIPLINE: 28.3%



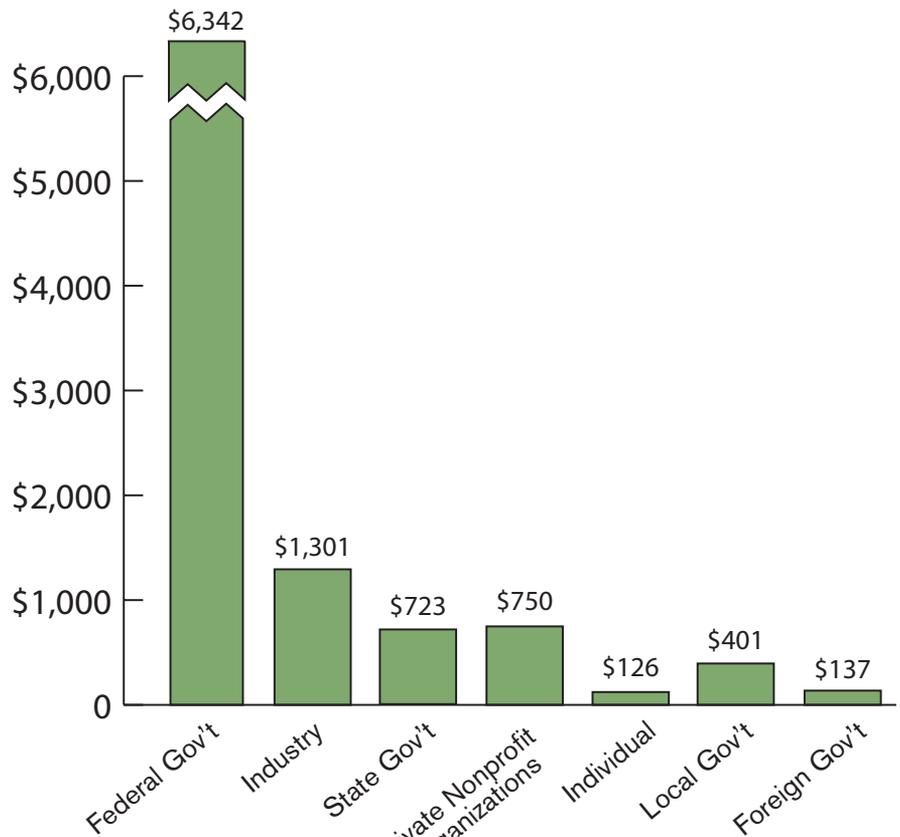
RESEARCH EXPENDITURES BY SCHOOL

(IN MILLIONS)

1.Massachusetts Institute of Technology	\$435.9
2.University of Michigan	\$303.6
3.Texas A&M University	\$300.1
4.Purdue University	\$260.1
5.Stanford University	\$223.0
6.University of California, Berkeley	\$222.6
7.Univ. of Illinois at Urbana-Champaign	\$221.1
8.University of Southern California	\$207.7
9.Georgia Institute of Technology	\$193.3
10.North Carolina State University	\$188.5
11.University of California, San Diego	\$188.3
12.The University of Texas at Austin	\$181.5
13.The Johns Hopkins University	\$172.1
14.University of Washington in Seattle	\$159.7
15.University of Maryland, College Park	\$154.1
16.The Ohio State University	\$151.8
17.University of Dayton	\$142.1
18.Cornell University	\$140.6
19.Virginia Polytech. Institute and State U.	\$132.0
20.Northwestern University	\$127.8
21.University of Minnesota -Twin Cities	\$127.0
22.University of Pennsylvania	\$121.4
23.University of Wisconsin-Madison	\$116.0
24.California Institute of Technology	\$111.1
25.Arizona State University	\$110.5
25.University of Colorado Boulder	\$110.5
26.University of Rochester	\$107.8
27.Duke University	\$107.4
28The Pennsylvania State University	\$105.3
29Iowa State University	\$105.0
30University of California, Santa Barbara	\$104.7
31.Carnegie Mellon University	\$102.7
32.University of California, Los Angeles	\$99.1
33.University of Utah	\$95.1
34.Boston University	\$94.4
35.University of California, Davis	\$92.6
36.University of Pittsburgh	\$85.9
37.University of California, Irvine	\$82.1
38.University at Buffalo, SUNY	\$78.0
39.University of Tennessee, Knoxville	\$77.9
40.Colorado State University	\$75.6
41.Northeastern University	\$71.4
42.William Marsh Rice University	\$69.2
43.University of Florida	\$69.0
44.Princeton University	\$68.9
45.Vanderbilt University	\$67.1
46.University of Virginia	\$65.6
47.Auburn University	\$64.3
48.New Jersey Institute of Technology	\$63.0
49.Wichita State University	\$61.9

* 215 schools included.

RESEARCH EXPENDITURES BY SOURCE IN MILLIONS OF DOLLARS: \$9,780



COMPUTER SCIENCE RESEARCH EXPENDITURES LOCATED OUTSIDE OF ENGINEERING BY SCHOOL

(IN MILLIONS)

1.Carnegie Mellon University	\$116.3
2.University of Houston	\$55.8
3.Georgia Institute of Technology	\$31.6
4.University of Maryland, College Park	\$28.5
5.The University of Texas at Austin	\$24.8
6.University of Wisconsin-Madison	\$21
7.Northeastern University	\$19.6
8.University of Massachusetts Amherst	\$18.9
9.University of California, Irvine	\$18
10.The University of Alabama in Huntsville	\$17.8
11.Purdue University	\$16.7
12.Rutgers, The State U. of NJ, School of E.	\$16.2
13.The University of Memphis	\$14.8
14.Rensselaer Polytechnic Institute	\$8.5
15.Brown University	\$7.4
16.Duke University	\$6.3
17.Dartmouth College	\$6
18.Iowa State University	\$5.3
19.FAMU-FSU College of Engineering	\$5.2
20.The University of Texas at San Antonio	\$4.7

HIGHEST RATIO OF BACHELOR'S DEGREE RECIPIENTS TO FACULTY BY SCHOOL*

1. California State University, Long Beach	12.1
2. California State Poly. U., Pomona	11.8
3. California State University, Sacramento	11.6
4. San Diego State University	11.4
5. DigiPen Institute of Technology	10.9
6. University of Washington-Tacoma	10.4
7. San Jose State University	10.3
8. Florida International University	9.8
9. California State University, Fullerton	9.6
10. California State University, Northridge	9.5
11. California Poly. State U., SLO	9.4
12. Eastern Michigan University	9.1
13. The University of Texas at Tyler	8.7
14. University of Maryland, Baltimore County	8.7
15. University of Hartford	8.4
16. University of Vermont	8.4
17. Louisiana State University	8.1
18. Oregon State University	7.8
19. University of Central Florida	7.8
20. University of California-Santa Cruz	7.7

*Minimum of 50 degrees awarded. 300 schools fit the criterion for this table. Faculty refers to teaching faculty.

LOWEST RATIO OF BACHELOR'S DEGREE RECIPIENTS TO FACULTY BY SCHOOL*

1. California Institute of Technology	1.3
2. Massachusetts Institute of Technology	2.0
2. Olin College of Engineering	2.0
4. United States Military Academy	2.1
5. Northwestern University	2.2
5. University of the District of Columbia	2.2
7. Yale School of Eng. & Applied Science	2.3
7. Brown University	2.3
7. Duke University	2.3
10. The Johns Hopkins University	2.4
10. University of California, Santa Barbara	2.4
12. Howard University	2.5
12. Princeton University	2.5
14. U. of Alaska Anchorage, College of Eng.	2.6
14. Bucknell University	2.6
14. West Virginia Univ. Institute of Tech.	2.6
14. U. of Alaska Fairbanks, Coll. of Eng. and Mines	2.6
18. Tuskegee University	2.7
18. Tufts University	2.7
18. Columbia University	2.7

*Minimum of 50 degrees awarded. 300 schools fit the criterion for this table. Faculty refers to teaching faculty.

HIGHEST RATIO OF RESEARCH EXPENDITURES TO DOCTORAL DEGREE RECIPIENTS* (IN MILLIONS)

1. University of Dayton	\$4.90
2. Wichita State University	\$2.69
3. University of Rochester	\$2.20
4. Duke University	\$1.88
5. The University of Texas at El Paso	\$1.74
6. University of Pennsylvania	\$1.64
7. New Jersey Institute of Technology	\$1.57
8. California Institute of Technology	\$1.56
9. Boston University	\$1.43
10. University of Washington in Seattle	\$1.43
11. Dartmouth College	\$1.42
12. NYU Tandon School of Engineering	\$1.36
13. Colorado State University	\$1.35
14. University of Southern California	\$1.31
15. The University of Iowa	\$1.26
16. The Johns Hopkins University	\$1.24
17. Massachusetts Institute of Technology	\$1.23
18. Texas A&M University	\$1.22
19. University of Alberta	\$1.22
20. University of Alabama at Birmingham	\$1.17
21. University of California, Santa Barbara	\$1.13
22. University of Kentucky	\$1.12
23. University of Maryland, College Park	\$1.11
24. University of Pittsburgh	\$1.1
25. Harvard University	\$1.1
26. University of California, San Diego	\$1.09
27. University of Colorado Boulder	\$1.05
28. University of Michigan	\$1.05
29. University of California, Irvine	\$1.01
30. Mississippi State University	\$1
31. University of California-Santa Cruz	\$1
32. University of Utah	\$1
33. Auburn University	\$0.96
34. Yale School of Eng. & Applied Science	\$0.95
35. Northwestern University	\$0.95
36. Northeastern University	\$0.95
37. North Carolina State University	\$0.95
38. Vanderbilt University	\$0.95
39. University of Nebraska, Lincoln	\$0.94
40. Purdue University	\$0.93
41. University at Buffalo, SUNY	\$0.93
42. The Ohio State University	\$0.91
43. Brown University	\$0.91
44. The University of Texas at Austin	\$0.89
45. The University of Tulsa	\$0.89
46. Utah State University	\$0.86
47. University of California, Berkeley	\$0.86
48. University of Wisconsin-Madison	\$0.85
49. University of Massachusetts Amherst	\$0.84
50. University of Virginia	\$0.84

* Minimum of 15 degrees awarded. *250 schools fit the criterion for this table. Faculty refers to teaching faculty.

HIGHEST PERCENTAGE OF DOCTORAL DEGREES TO FOREIGN NATIONALS BY SCHOOL*

1. The University of Toledo	92.3
2. University of Wisconsin, Milwaukee	88.5
3. Southern Illinois University Carbondale	86.7
4. Florida International University	86.0
5. University at Buffalo, SUNY	85.7
6. The University of Texas at Dallas	84.3
7. University of Nebraska, Lincoln	83.3
8. Louisiana State University	83.1
9. Missouri U. of Science and Tech.	82.4
10. Syracuse University	80.0
11. Stony Brook University	79.3
12. NYU Tandon School of Engineering	78.9
13. University of Missouri	78.7
14. The University of Texas at Arlington	78.3
15. The University of Texas at San Antonio	77.8
16. New Jersey Institute of Technology	77.5
17. New Mexico State University	76.9
18. U. of Oklahoma, Gallogly College of Eng.	76.0
19. University of Houston	73.8
20. University of Cincinnati	73.5

* Minimum of 25 doctoral degrees awarded. 92 schools fit this criterion.

LOWEST PERCENTAGE OF DOCTORAL DEGREES TO FOREIGN NATIONALS BY SCHOOL*

1. Utah State University	14.3
2. University of South Carolina	15.8
3. The George Washington University	20.1
4. Colorado State University	26.8
5. University of Colorado Boulder	27.6
6. The Johns Hopkins University	36.7
7. Stanford University	37.0
8. University of California, Santa Barbara	37.6
9. The University of New Mexico	39.3
10. Duke University	40.4
11. Tufts University	41.9
12. Colorado School of Mines	42.9
12. University of California, Berkeley	42.9
14. University of California, Davis	43.0
15. Vanderbilt University	43.7
16. City College of the City U. of New York	44.1
17. University of Washington in Seattle	44.6
18. Drexel University	44.8
19. Harvard University	46.2
19. Oklahoma State University	46.2

* Minimum of 25 doctoral degrees awarded. 92 schools fit this criterion.

BACHELOR'S DEGREES BY DISCIPLINE 2009–2018

Bachelor's Degrees	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Aerospace Engineering	3,057	3,218	3,459	3,668	3,595	3,695	3,803	3,781	4,050	4,148
Architectural Engineering	723	753	743	763	660	607	568	618	614	642
Biological/Agricultural Eng.	631	719	796	871	924	1,031	1,100	1,160	1,349	1,388
Biomedical Engineering	3,644	3,670	4,066	4,374	4,709	5,119	5,683	6,177	6,725	7,130
Chemical Engineering	5,185	5,948	6,487	7,245	7,717	8,110	9,090	9,864	10,973	11,586
Civil Engineering	10,508	11,027	12,154	12,309	12,464	12,333	11,900	11,464	11,920	12,221
Civil/Environmental Eng.	558	591	709	751	953	881	1,000	940	1,006	1,156
Computer Engineering	3,394	3,340	3,381	3,688	3,906	4,201	4,881	5,531	6,439	7,906
Computer Science (Inside Eng.)	5,652	6,049	6,708	7,371	8,184	9,328	10,970	13,483	15,305	19,082
Electrical Engineering	9,859	9,634	9,942	10,102	10,662	11,261	11,385	11,892	12,893	13,767
Electrical/Computer Eng.	2,194	2,175	2,153	2,426	2,518	2,827	3,429	2,860	3,269	3,344
Engineering (General)	1,246	1,335	1,465	1,192	1,554	1,406	1,394	1,338	1,585	2,062
Engineering Management	309	336	315	434	418	436	527	506	554	567
Engr. Science and Engr. Physics	431	526	496	562	524	574	545	674	690	861
Environmental Engineering	503	587	698	905	994	1,012	1,124	1,236	1,301	1,288
Industr./Manuf./Systems Eng.	3,510	3,744	3,727	4,107	4,272	4,877	5,291	5,649	6,441	6,690
Mechanical Engineering	17,375	18,391	19,241	20,369	21,707	23,675	25,436	26,816	30,030	31,936
Metallurgical/Materials Eng.	1,035	1,152	1,161	1,280	1,415	1,440	1,671	1,858	2,033	1,907
Mining Engineering	190	191	213	236	231	324	335	308	295	245
Nuclear Engineering	378	414	469	565	614	584	544	521	566	560
Other Engineering Disciplines	3,351	3,794	3,730	3,956	4,260	4,202	4,517	4,386	4,688	5,629
Petroleum Engineering	654	753	888	1,002	1,079	1,250	1,465	1,659	1,751	2,118
TOTAL	74,387	78,347	83,001	88,176	93,360	99,173	106,658	112,721	124,477	136,233

ENROLLMENT BY CLASS 2009–2018

UNDERGRADUATE ENROLLMENT	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Freshmen	113,588	118,831	122,820	133,082	141,143	143,063	149,473	137,767	137,371	135,638
Sophomores	94,111	97,909	102,125	110,011	120,328	124,120	132,769	129,828	131,542	128,653
Juniors	92,758	97,519	102,102	108,862	118,600	128,228	135,804	136,396	141,865	140,491
Seniors	127,046	136,426	144,683	152,735	163,871	174,519	192,415	197,235	208,317	211,418
TOTAL FULL TIME	427,503	450,685	471,730	504,690	543,942	569,930	610,461	601,226	619,095	616,200
TOTAL PART TIME	32,085	34,903	38,470	42,724	45,644	48,781	54,450	53,619	57,294	59,247

MASTER'S DEGREES BY DISCIPLINE 2009–2018

MASTERS DEGREES	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Aerospace Engineering	1,075	1,166	1,398	1,443	1,308	1,410	1,380	1,393	1,528	1,587
Architectural Engineering	121	131	125	150	138	128	128	143	177	130
Biological/Agricultural Eng.	171	197	213	234	244	227	237	223	221	208
Biomedical Engineering	1,396	1,447	1,558	1,890	1,997	1,918	2,197	2,270	2,357	2,568
Chemical Engineering	1,084	1,162	1,354	1,440	1,456	1,545	1,716	1,788	1,844	1,963
Civil Engineering	3,659	4,088	4,739	5,002	4,778	4,958	4,897	4,818	4,977	4,950
Civil/Environmental Eng.	249	282	279	570	754	618	739	914	903	1,118
Computer Engineering	1,880	1,712	1,783	1,963	1,883	2,081	2,093	2,469	2,937	2,995
Computer Science (Inside Eng.)	5,373	5,230	5,497	5,756	6,182	6,325	8,359	10,038	10,602	10,946
Electrical Engineering	6,137	6,345	6,666	6,572	6,305	6,536	7,768	8,513	7,832	7,048
Electrical/Computer Eng.	3,682	3,459	3,799	3,824	3,756	4,019	4,840	5,044	5,017	5,327
Engineering (General)	729	745	906	666	623	645	557	472	599	1,031
Engineering Management	2,240	2,595	2,484	2,665	2,690	2,835	3,020	3,064	3,225	3,268
Engr. Science/Engr. Physics	170	248	216	205	209	186	220	175	168	198
Environmental Engineering	552	639	724	788	805	871	898	949	867	967
Industr./Manuf./Systems Eng.	2,986	2,990	3,359	3,362	3,214	3,514	3,538	4,102	4,799	5,260
Mechanical Engineering	4,757	5,066	5,915	6,237	6,261	6,529	7,169	7,821	8,262	8,160
Metallurgical/Materials. Eng.	771	771	852	951	1,049	1,155	1,119	1,261	1,297	1,384
Mining Engineering	51	29	47	49	63	49	81	72	59	60
Nuclear Engineering	264	305	324	366	375	316	359	326	260	280
Other Engineering Disciplines	4,063	4,152	4,320	4,852	5,011	5,407	5,594	6,237	6,156	6,380
Petroleum Engineering	222	264	382	387	382	418	524	504	515	512
TOTAL	41,632	43,023	46,940	49,372	49,483	51,690	57,433	62,596	64,602	66,340

DOCTORAL DEGREES BY DISCIPLINE 2009–2018

DOCTORAL DEGREES	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018
Aerospace Engineering	276	254	280	317	351	368	350	369	396	412
Architectural Engineering	7	7	6	8	9	15	21	53	15	14
Biological/Agricultural Eng.	80	87	114	135	131	149	128	130	126	131
Biomedical Engineering	722	733	812	843	920	954	1006	1,011	1,008	1,025
Chemical Engineering	836	905	863	849	866	993	1062	1,043	1,013	1,051
Civil Engineering	707	681	747	714	806	817	882	820	855	819
Civil/Environmental Eng.	87	92	78	115	134	174	188	252	248	269
Computer Engineering	230	248	229	248	268	211	251	275	248	273
Computer Science (Inside Eng.)	863	849	880	918	971	985	977	966	1,011	1,028
Electrical Engineering	959	992	1,030	1,126	1,129	1,152	1,105	1,111	1,094	1,132
Electrical/Computer Eng.	1,055	1,038	1,185	1,197	1,182	1,314	1,420	1,273	1,365	1,390
Engineering (General)	65	57	70	89	111	124	72	97	75	119
Engineering Management	44	46	43	51	74	64	74	72	77	137
Engr. Science/Engr. Physics	150	160	155	139	153	153	147	132	136	159
Environmental Engineering	143	134	154	134	156	179	186	197	187	188
Industr./Manuf./Systems Eng.	381	352	383	378	415	478	377	414	418	467
Mechanical Engineering	1,216	1,078	1,225	1,323	1,454	1,502	1,646	1,561	1,527	1,681
Metallurgical/Materials. Eng.	598	603	632	707	739	740	812	896	866	866
Mining Engineering	12	6	4	9	22	17	24	25	15	22
Nuclear Engineering	87	114	115	112	135	162	142	157	169	197
Other Engineering Disciplines	511	517	521	557	656	677	739	724	655	648
Petroleum Engineering	54	42	56	66	82	86	93	76	85	128
TOTAL	9,083	8,995	9,582	10,035	10,764	11,314	11,702	11,654	11,589	12,156

UNDERGRADUATE ENROLLMENT BY DISCIPLINE 2009–2018

UNDERGRAD ENROLLMENT	2009		2010		2011		2012	
	Full Time	Part Time						
Aerospace Engineering	18,108	601	18,482	785	18,909	879	19,402	897
Architectural Engineering	3,618	179	3,677	183	3,381	161	3,195	164
Biological Eng. and Agricultural Eng.	3,778	96	3,911	127	4,291	151	4,245	172
Biomedical Engineering	19,558	504	21,166	556	23,403	664	25,884	736
Chemical Engineering	32,050	1,476	34,506	1,563	36,499	1,819	39,448	2,053
Civil Engineering	53,436	4,784	53,520	5,008	53,215	4,940	53,082	4,995
Civil/Environmental Engineering	2,929	235	3,185	302	3,163	313	3,773	273
Computer Science (Inside Eng.)	29,959	4,092	32,921	4,690	36,983	5,347	42,296	6,100
Electrical/Computer Engineering	75,061	7,952	77,270	8,427	80,607	8,867	85,113	9,470
Engineering (General)	22,903	1,226	25,035	1,022	27,159	1,159	27,981	1,276
Engineering Management	1,036	24	1,005	36	1,114	36	1,528	62
Engr. Science and Engr. Physics	2,497	84	2,618	66	2,650	96	3,174	173
Environmental Engineering	4,027	338	4,549	360	4,788	363	4,970	415
Industr./Manuf./Systems Eng.	14,224	1,033	14,751	1,151	15,429	1,426	16,851	1,587
Mechanical Engineering	91,856	7,082	96,164	7,687	101,476	9,016	110,379	10,096
Metallurgical and Matrls. Eng.	4,520	146	4,970	173	5,273	182	5,589	230
Mining Engineering	974	68	1,039	80	1,112	63	1,174	65
Nuclear Engineering	2,207	60	2,399	89	2,529	99	2,468	112
Other Engineering Disciplines	40,536	1,912	44,914	2,311	44,647	2,584	47,905	3,370
Petroleum Engineering	4,226	193	4,603	287	5,102	305	6,233	478
TOTAL	427,503	32,085	450,685	34,903	471,730	38,470	504,690	42,724

2013		2014		2015		2016		2017		2018	
Full Time	Part Time										
19,216	879	19,973	966	20,331	1,075	21,817	1,144	23,756	1,201	24,161	1,354
3,234	171	3,117	120	3,135	144	3,040	187	3,125	176	3,220	197
4,796	198	5,233	178	5,356	239	5,542	250	5,794	253	5,167	234
27,671	950	28,434	990	31,534	1,116	32,942	1,471	33,037	1,327	34,353	1,454
42,962	2,169	45,813	2,414	48,879	2,732	48,139	2,719	46,307	2,799	42,454	2,665
52,379	4,888	51,659	4,791	53,486	5,085	48,778	4,276	50,417	4,542	50,239	4,648
4,332	343	4,262	347	4,278	372	4,741	482	4,426	386	4,774	414
48,685	7,303	55,482	8,170	65,244	9,939	72,689	10,854	80,326	11,795	92,441	13,884
91,336	9,951	93,955	10,502	102,519	11,493	98,632	10,853	103,827	11,548	14,245	1,000
32,604	1,435	33,220	1,600	30,681	1,848	28,750	1,910	29,317	2,635	27,401	2,141
1,631	118	1,727	267	2,133	376	2,011	416	1,982	460	2,100	476
3,011	220	3,166	204	3,361	258	3,464	247	2,913	180	2,689	201
5,118	394	5,121	357	5,504	387	5,888	378	6,294	408	6,609	377
18,310	1,623	19,517	1,669	20,890	1,800	20,674	1,469	22,038	1,682	21,998	1,819
120,083	10,694	127,094	11,457	138,437	12,659	134,765	12,316	136,891	13,164	135,672	13,902
6,074	253	6,426	266	7,262	323	7,260	323	7,281	380	7,253	325
1,281	75	1,137	89	985	83	754	69	688	76	597	54
2,219	118	2,026	113	2,101	124	2,069	112	1,978	103	1,735	101
51,357	3,254	53,447	3,451	56,113	3,542	52,914	3,481	53,885	3,639	52,414	3,049
7,643	623	7,643	623	8,232	855	6,397	662	4,813	540	3,694	541
543,942	45,659	568,452	48,574	610,461	54,450	601,266	53,619	619,095	57,294	622,502	59,420

MASTER'S ENROLLMENT BY DISCIPLINE 2009–2018

MASTER'S ENROLLMENT	2009		2010		2011		2012	
	Full Time	Part Time						
Aerospace Engineering	2,125	849	2,396	952	2,505	1,038	2,341	937
Architectural Engineering	139	21	198	29	198	55	231	73
Biological Eng. and Agricultural Eng.	438	48	464	88	461	95	415	109
Biomedical Engineering	1,911	693	2,265	701	2,440	717	2,398	796
Chemical Engineering	1,538	696	1,794	709	1,827	720	1,824	643
Civil Engineering	6,326	3,130	6,888	3,414	6,914	3,600	6,790	3,526
Civil/Environmental Engineering	479	165	491	200	549	194	896	366
Computer Science (Inside Eng.)	7,274	4,675	7,873	4,727	8,187	4,831	8,778	4,652
Electrical/Computer Engineering	17,664	9,346	16,975	9,485	16,626	8,695	17,392	8,292
Engineering (General)	799	1,073	798	1,433	915	1,346	733	895
Engineering Management	2,430	3,397	2,376	3,327	2,347	3,137	2,678	2,934
Engr. Science and Engr. Physics	215	94	194	131	248	106	206	98
Environmental Engineering	990	514	1,121	574	1,152	624	1,189	668
Industr./Manuf./Systems Eng.	4,272	2,312	4,156	2,399	3,860	2,553	4,053	2,603
Mechanical Engineering	8,511	4,220	8,856	4,582	8,632	4,693	8,690	4,691
Metallurgical and Matrls. Eng.	1,144	360	1,253	316	1,293	405	1,326	448
Mining Engineering	90	36	83	17	120	23	101	62
Nuclear Engineering	460	176	509	201	581	197	463	241
Other Engineering Disciplines	4,409	5,518	4,634	5,818	4,770	6,166	5,155	6,655
Petroleum Engineering	634	211	683	225	672	265	763	260
TOTAL	61,848	37,534	64,007	39,328	64,297	39,460	66,422	38,949

2013		2014		2015		2016		2017		2018	
Full Time	Part Time										
2,239	953	2,381	1,016	2,356	1,125	2,188	1,094	2,310	1,152	2,211	1,202
229	61	206	50	157	55	140	126	135	31	145	29
394	97	423	74	398	101	366	91	365	87	362	64
2,545	756	2854	800	2,986	784	3,076	772	3,275	800	3,162	833
2,099	681	2,176	755	2,466	888	2,375	745	2,418	783	2,004	636
6,854	3,415	7,067	3375	7,034	3,521	6,647	3,289	6,506	3,256	5,429	2,979
940	447	924	310	915	343	1,320	497	1,411	379	1,503	543
10942	4822	13,652	5,300	15,005	5,620	15,622	5,493	16,189	6,230	16,915	6,571
20463	8070	23,652	8,641	24,279	9,204	21,223	8,445	20,564	7,945	7,043	2,238
1,009	717	947	641	764	618	659	593	639	585	574	603
2,865	2,908	3,071	3,226	3,579	3,422	3,357	3,231	3,257	3,488	3,336	3,514
199	80	190	68	216	90	136	57	186	80	192	75
1,235	687	1,147	686	1,200	652	1,194	648	1,351	634	1,105	580
4389	2831	5,012	2,577	5,753	2,785	5,827	2,810	6,168	3,594	5,465	3,180
9,669	4,720	10,848	4,836	11,701	5,061	11,633	5,296	11,096	5,157	10,294	4,717
1,389	456	1,488	521	1,679	589	1,818	587	1,889	635	1,764	663
124	33	150	57	129	56	93	50	79	46	63	44
424	170	437	193	423	178	335	169	360	120	283	180
5538	5998	5,989	5,634	7,214	6,377	8,041	6,052	8,056	6,818	8,237	6,626
823	363	945	380	798	398	722	342	618	317	421	224
74,369	38,265	83,559	39,140	89,052	41,867	86,772	40,387	86,872	42,137	81,678	40,605

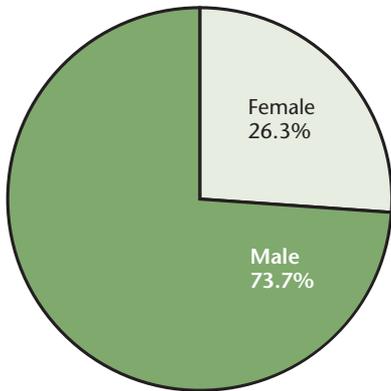
DOCTORAL ENROLLMENT BY DISCIPLINE 2009–2018

DOCTORAL ENROLLMENT	2009		2010		2011		2012	
	Full Time	Part Time						
Aerospace Engineering	1,711	202	1,797	199	1,863	206	1,819	229
Architectural Engineering	49	4	52	3	65	3	69	4
Biological Eng. and Agricultural Eng.	591	64	641	87	617	93	664	111
Biomedical Engineering	4,863	426	5,183	418	5,397	452	5,852	533
Chemical Engineering	5,142	333	5,277	348	5,492	340	5,743	360
Civil Engineering	3,961	664	4,302	730	4,458	630	4,588	704
Civil/Environmental Engineering	383	126	382	119	541	131	666	171
Computer Science (Inside Eng.)	5,855	906	6,084	947	6,515	996	6,520	1,079
Electrical/Computer Engineering	14,506	1,934	14,964	2,078	15,012	2,042	15,308	2,140
Engineering (General)	413	158	540	93	581	131	569	122
Engineering Management	112	225	138	228	133	249	122	300
Engr. Science and Engr. Physics	896	66	905	46	912	54	947	53
Environmental Engineering	779	105	849	115	868	96	933	88
Industr./Manuf./Systems Eng.	2,253	504	2,326	555	2,320	574	2,190	533
Mechanical Engineering	7,183	893	7,767	907	8,085	973	8,256	1,058
Metallurgical and Matrls. Eng.	3,597	218	3,733	208	4,016	233	4,241	259
Mining Engineering	71	12	52	8	92	15	92	25
Nuclear Engineering	660	45	758	47	738	72	831	84
Other Engineering Disciplines	3,058	641	3,341	677	3,593	685	3,753	753
Petroleum Engineering	364	40	413	52	464	59	411	65
TOTAL	56,447	7,566	59,504	7,865	61,762	8,034	63,574	8,671

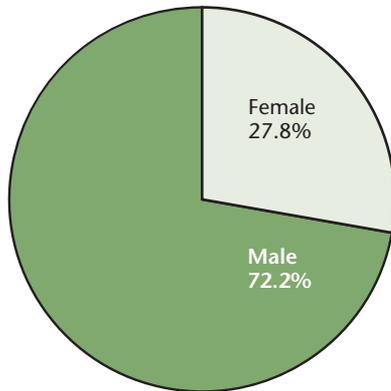
2013		2014		2015		2016		2017		2018	
Full Time	Part Time										
1,896	219	2,008	194	2,295	242	2,247	227	2,332	249	2,430	240
80	4	80	4	92	5	71	4	91	7	67	4
675	92	622	96	730	101	667	91	672	87	667	62
6,071	462	5,810	493	5,737	548	5,854	487	6,130	597	6,427	458
5,866	317	5,514	347	5,874	341	5,921	309	6,065	352	6,208	231
4,777	589	4,312	551	4,804	594	4,708	571	4,487	592	4,229	486
739	199	951	197	1,001	225	1,364	227	1,341	245	1,567	204
6,335	1,002	6,410	959	6,704	982	6,764	977	7,162	1,060	7,864	899
15,729	2,176	14,744	1,940	16,014	2,065	16,148	2,000	16,871	1,990	7,762	905
537	117	540	114	523	108	590	162	567	65	509	88
151	294	158	298	250	357	268	418	130	404	67	224
928	40	876	50	876	40	852	35	842	44	851	30
919	114	945	89	883	87	975	86	1,018	80	865	96
2,233	509	2,139	537	2,238	556	2,089	590	2,435	604	2,544	527
8,557	1,059	8,126	1,015	8,929	1,072	9,367	1,072	9,639	1,100	9,623	932
4,424	245	4,143	245	4,730	270	4,484	265	4,734	264	4,789	197
95	21	86	29	89	20	87	20	71	18	69	12
860	75	829	83	951	76	989	71	1,016	74	953	64
3,871	772	3,815	699	4,104	826	4,120	765	3,835	659	3,586	655
425	56	479	58	531	65	588	59	588	73	536	60
65,168	8,362	62,587	7,998	67,355	8,580	68,153	8,436	70,026	8,564	69,515	7,293

ENROLLMENT BY GENDER

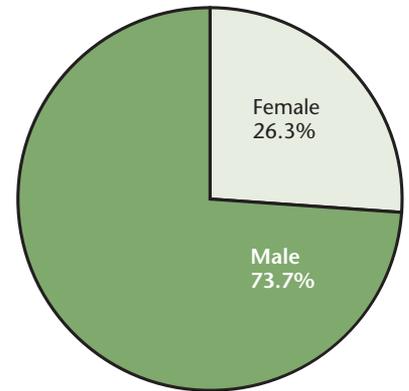
BACHELOR'S



MASTER'S

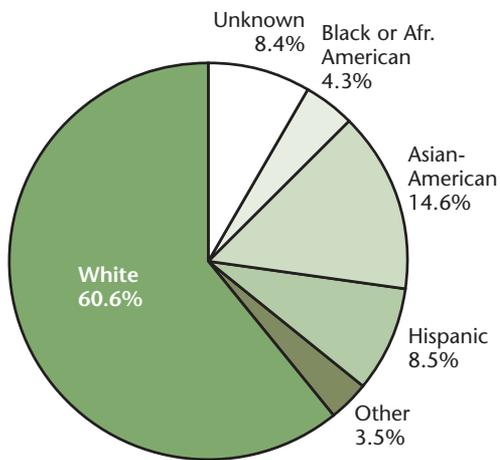


DOCTORAL

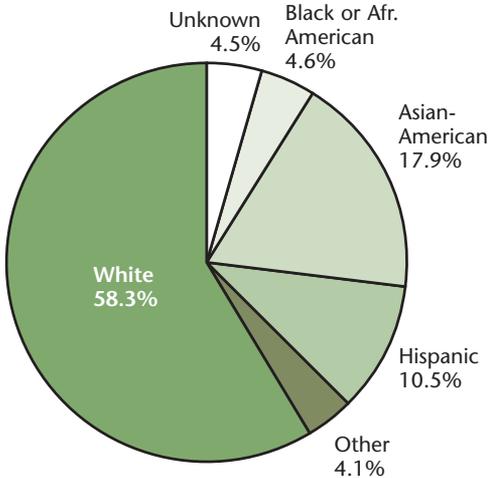


ENROLLMENT BY ETHNICITY*

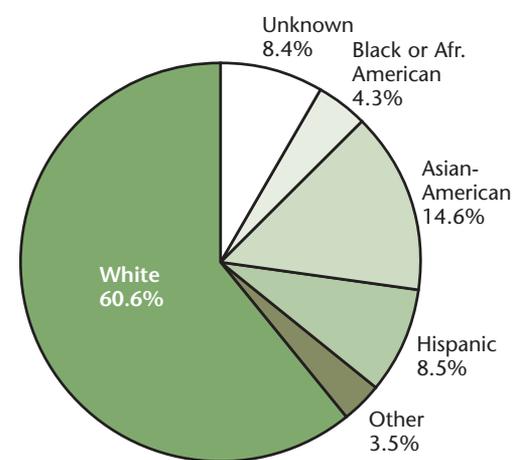
BACHELOR'S



MASTER'S

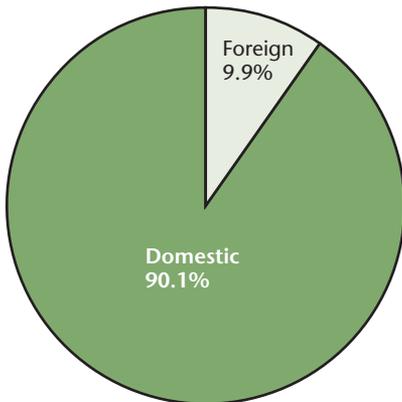


DOCTORAL

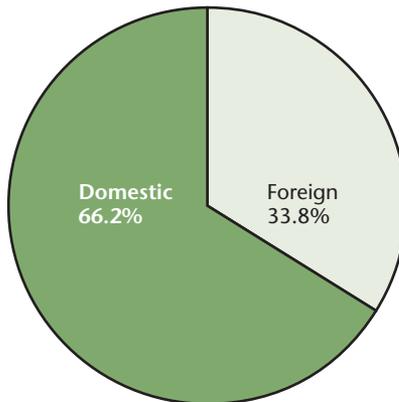


ENROLLMENT BY RESIDENCY

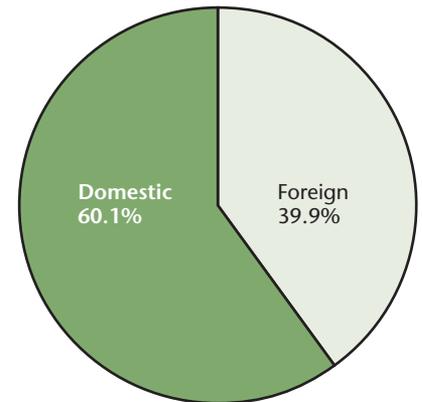
BACHELOR'S



MASTER'S



DOCTORAL



BACHELOR'S TOTAL*
622,502

MASTER'S TOTAL
93,559

DOCTORAL TOTAL
78,715

Forty-three Canadian institutions are currently accredited by the Canadian Engineering Accreditation Board. Nine of those institutions participated in the 2016 ASEE Survey of Engineering & Engineering Technology Colleges. The data submitted by these institutions display similar trends as those seen at U.S. institutions. The representation of women is almost identical at the bachelor's and master's level in both countries, while faculty trends for women are also very close.

ENGINEERING BACHELOR'S DEGREES BY SCHOOL

1. University of Waterloo	1,316
2. University of Toronto	1,052
3. University of Alberta	899
4. University of British Columbia	860
5. Ecole Polytechnique de Montreal	739
6. McMaster University	680
7. Univ. of Ottawa, Faculty of Engineering	642
8. Concordia University, Montreal	616
9. University of Calgary	577
10. The University of Western Ontario	368

ENGINEERING MASTER'S DEGREES BY SCHOOL

1. Concordia University, Montreal	803
2. University of Toronto	716
3. Univ. of Ottawa, Faculty of Engineering	560
4. University of Waterloo	529
5. The University of Western Ontario	333
6. University of British Columbia	322
7. Ecole Polytechnique de Montreal	291
8. McMaster University	248
9. University of Calgary	232
10. University of Alberta	140

ENGINEERING DOCTORAL DEGREES BY SCHOOL

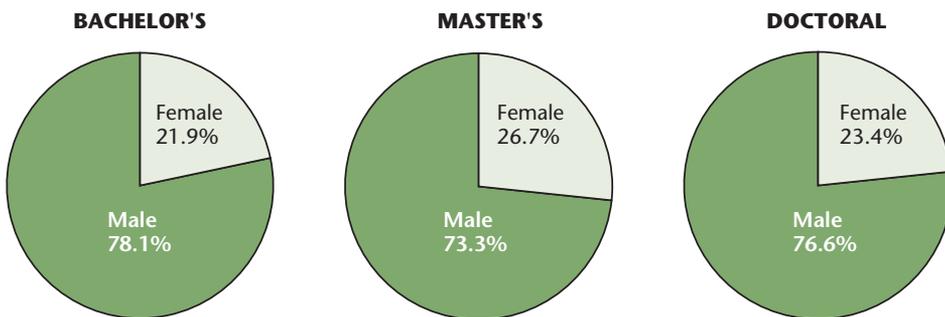
1. University of Toronto	165
2. University of Waterloo	134
3. University of British Columbia	100
4. University of Calgary	90
5. Ecole Polytechnique de Montreal	79
6. McMaster University	71
7. The University of Western Ontario	59
8. Concordia University, Montreal	58
8. University of Alberta	58
10. Univ. of Ottawa, Faculty of Engineering	40

RESEARCH EXPENDITURES BY SCHOOL

(IN MILLIONS)

1. University of Alberta	71.0
2. University of British Columbia	57.6
3. University of Calgary	23.6
4. The University of Western Ontario	16.4
5. Concordia University, Montreal	16.1
6. Univ. of Ottawa, Faculty of Engineering	14.8

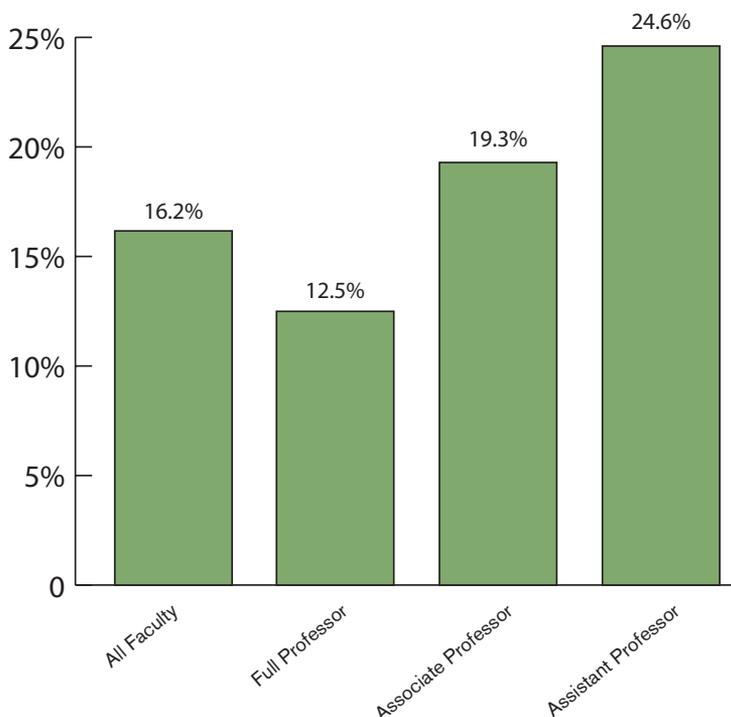
ENGINEERING DEGREES AWARDED BY GENDER



TENURED/TENURE-TRACK FACULTY MEMBERS BY SCHOOL

1. University of Waterloo	279
2. University of Toronto	234
3. Ecole Polytechnique de Montreal	230
4. University of Alberta	224
5. Concordia University Montreal	194
6. University of British Columbia	179
7. University of Calgary	162
8. McMaster University	143
9. Univ. of Ottawa, Faculty of Engineering	123
10. The University of Western Ontario	100

PERCENTAGE OF TENURED/TENURE-TRACK FACULTY MEMBERS WHO ARE WOMEN BY LEVEL

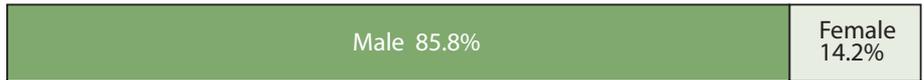


ENGINEERING TECHNOLOGY BACHELOR'S DEGREES AWARDED BY SCHOOL

1. Purdue University Polytechnic Institute	966
2. Arizona State University	586
3. Texas A&M University	495
4. Farmingdale State College (SUNY)	450
5. Ferris State University	408
6. Indiana U.-Purdue U. Indianapolis	310
7. Eastern Michigan University	293
8. Purdue University Northwest	283
9. Excelsior College	269
10. South Dakota State University	264
11. Univ. of Houston, College of Technology	237
12. Rochester Institute of Technology	229
13. New Jersey Institute of Technology	207
14. Kennesaw State University	185
15. Oklahoma State University	172
16. Pennsylvania College of Technology	168
17. The University of Toledo	166
18. Old Dominion University	148
18. University of Wisconsin - Stout	148
20. University of North Carolina at Charlotte	140
21. University of Cincinnati	137
22. University of Maine	129
23. SUNY Polytechnic Institute	119
24. Pittsburg State University	116
24. University of Louisiana at Lafayette	116
26. The Pennsylvania State University	112
27. Western Carolina University	109
28. The U. of Akron, Eng. & Science Tech. Dept.	107
29. Northern Illinois University	105
30. Penn State Erie, The Behrend College	102
31. Indiana U.-Purdue U. Fort Wayne	101
32. Montana State University	92
33. California State Poly. U., Pomona	90
34. Oregon Institute of Technology	88
34. University of Hartford	88
36. Indiana State University	82
37. University of Southern Mississippi	80
38. Southeastern Louisiana University	77
39. Michigan Technological University	75
40. Weber State University	74
41. Tennessee Technological University	71
42. Louisiana Tech University	69
42. New Mexico State University	69
44. University of Dayton	68
45. Fairmont State College	67
46. University of North Texas	66
47. East Tennessee State University	65
47. Minnesota State University, Mankato	65
49. Ohio University	63
50. University of Central Missouri	60

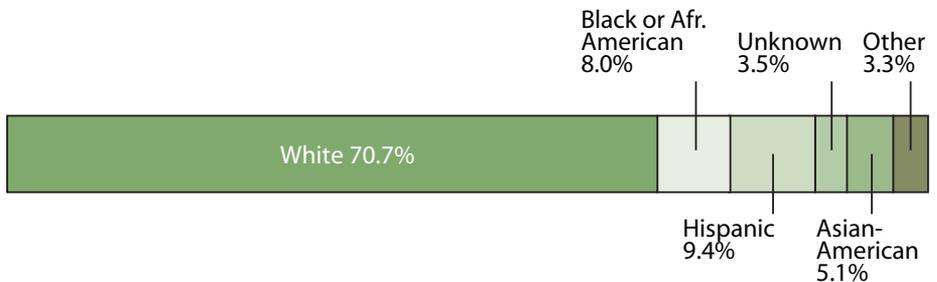
* 133 schools included.

ENGINEERING TECHNOLOGY BACHELOR'S DEGREES BY GENDER



	2009	2010	2011	2012	2013	2014	2015	2016	2017
Female	9.4%	9.4%	9.5%	9.4%	10.2%	10.6%	12.8%	13.3%	14.5%
Male	90.6%	90.6%	90.5%	90.6%	89.8%	89.4%	87.2%	86.7%	85.5%

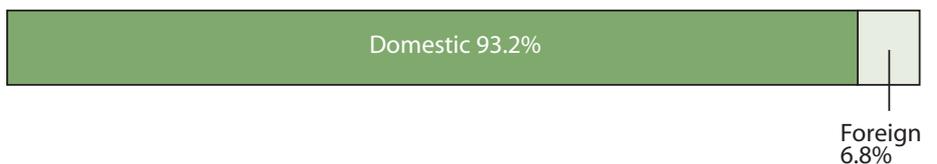
ENGINEERING TECHNOLOGY BACHELOR'S DEGREES BY ETHNICITY*



	2009	2010	2011	2012	2013	2014	2015	2016	2017
Black or Afr. American	8.5%	8.5%	9.2%	8.8%	8.8%	8.9%	8.5%	8.6%	6.9%
Hispanic	6.7%	7.1%	7.6%	6.5%	7.8%	7.1%	9.2%	12.9%	10.6%
Other	9.2%	1.0%	1.7%	1.5%	1.9%	1.7%	3.0%	4.1%	3.3%
Asian American	5.1%	5.1%	5.3%	5.0%	4.9%	5.1%	5.8%	6.8%	6.4%
White	70.5%	73.2%	70.4%	73.8%	72.4%	72.7%	68.7%	63.8%	68.4%
Unknown		5.1%	5.8%	4.5%	4.3%	4.5%	4.8%	3.8%	4.4%

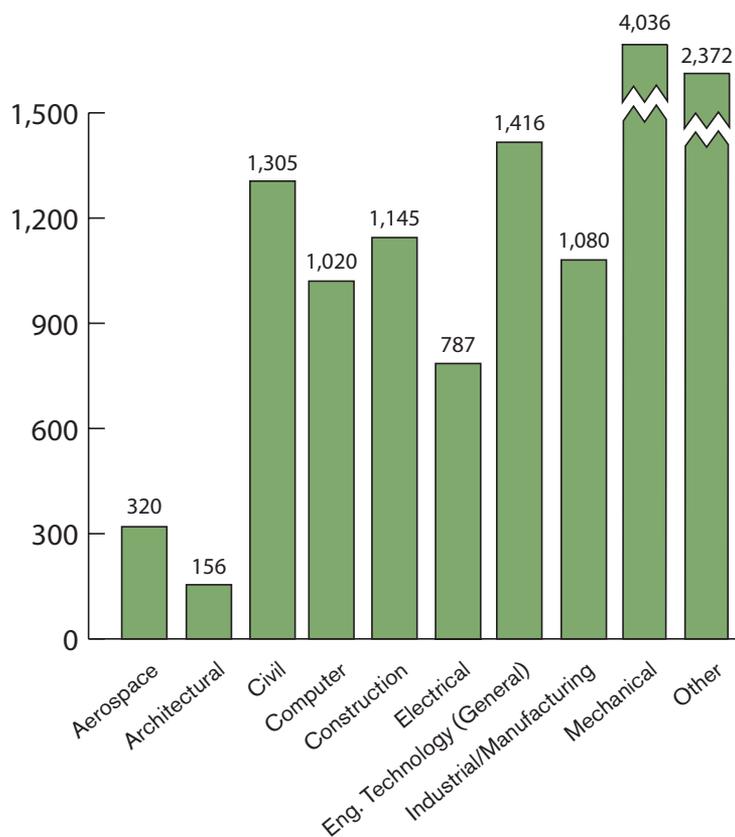
* American Indians (0.4%), Hawaiian/Pacific Islanders (0.1%) and Two or More (2.5%) are combined under Other.

ENGINEERING TECHNOLOGY BACHELOR'S DEGREES BY RESIDENCY



	2009	2010	2011	2012	2013	2014	2015	2016	2017
Foreign	4.0%	5.2%	5.0%	7.4%	10.2%	7.1%	4.9%	6.8%	6.0%
Domestic	96.0%	94.8%	95.0%	92.6%	89.8%	92.9%	95.1%	93.2%	94.0%

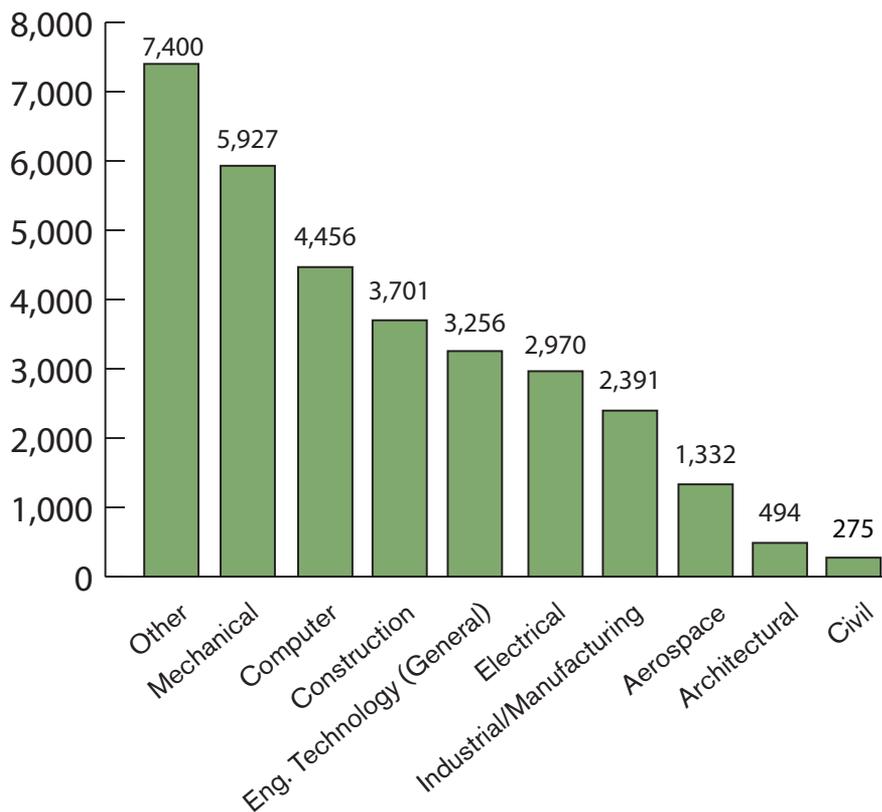
ENGINEERING TECHNOLOGY BACHELOR'S DEGREES BY DISCIPLINE: 13,637



ENGINEERING TECHNOLOGY DEGREES AWARDED TO WOMEN BY SCHOOL

1. Purdue University Polytechnic Institute	184
2. Arizona State University	157
3. Eastern Michigan University	101
3. Texas A&M University	101
5. Farmingdale State College (SUNY)	79
6. Indiana U.-Purdue U. Indianapolis	60
7. Univ. of Houston, College of Technology	54
8. Purdue University Northwest	51
9. Excelsior College	33
10. Ferris State University	28
11. Rochester Institute of Technology	26
12. University of Puerto Rico-Arecibo	24
13. Kennesaw State University	23
14. University of Hartford	22
15. University of North Carolina at Charlotte	18
16. Old Dominion University	17
16. South Dakota State University	17
16. The University of Toledo	17
19. California State Poly. U., Pomona	15
19. New Jersey Institute of Technology	15
19. University of Wisconsin - Stout	15
22. Oklahoma State University	14
22. Prairie View A&M University	14
24. Northern Illinois University	13
24. Fairmont State College	11
24. Oregon Institute of Technology	11
24. South East Missouri State University	11
24. Southeastern Louisiana University	11
24. Western Carolina University	11
30. Bowling Green State University	10
30. Indiana U.-Purdue U. Fort Wayne	10
30. University of Louisiana at Lafayette	10
30. University of Southern Mississippi	10
30. Wayne State University	10
35. New England Institute of Technology	9
35. SUNY Polytechnic Institute	9
35. University of Pittsburgh, Johnstown	9
38. Central Washington University	8
38. New Mexico State University	8
38. Penn State Erie, The Behrend College	8
38. Pittsburg State University	8
38. Savannah State University	8
38. University of Central Missouri	8
38. University of Maine	8
45. Indiana State University	7
45. Lawrence Technological University	7
45. Michigan Technological University	7
45. University of Cincinnati	7
49. California State U. Maritime Academy	6
50. Fairleigh Dickinson University	6

FULL-TIME ENGINEERING TECHNOLOGY ENROLLMENT BY DISCIPLINE: 32,202*



* Enrollment is for full-time bachelor's degree candidates in Engineering Technology

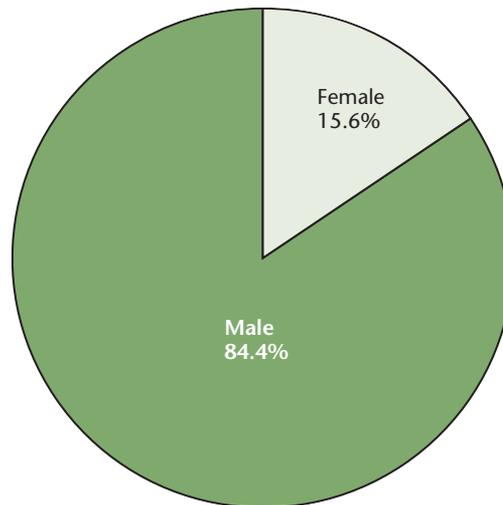
* 130 schools included.

ENGINEERING TECHNOLOGY ENROLLMENT BY SCHOOL*

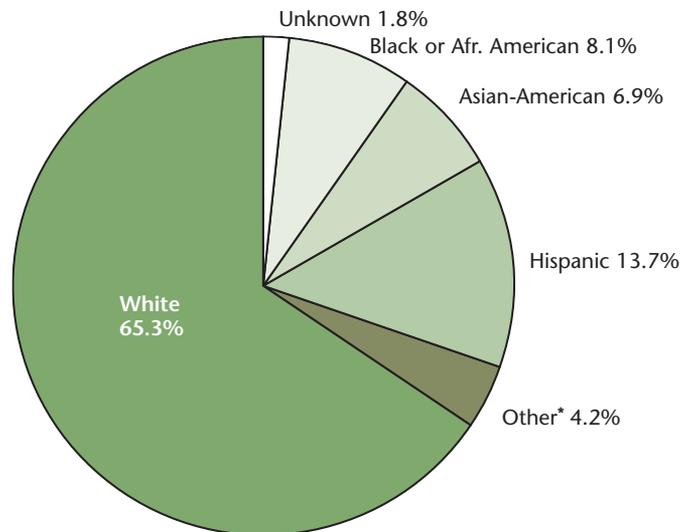
1. Purdue University Polytechnic Institute	4,754
2. Arizona State University	4,375
3. Univ. of Houston, College of Technology	3,873
4. Eastern Michigan University	2,329
5. Farmingdale State College (SUNY)	2,273
6. Ferris State University	2,039
7. Texas A&M University	1,932
8. Indiana U.-Purdue U. Indianapolis	1,248
9. The University of Toledo	1,097
10. Purdue University Northwest	971
11. University of Cincinnati	842
12. University of North Carolina at Charlotte	793
13. Kennesaw State University	760
14. Old Dominion University	750
15. Oklahoma State University	733
16. New Jersey Institute of Technology	696
17. Oregon Institute of Technology	543
18. Indiana U.-Purdue U. Fort Wayne	508
19. California State Poly. U., Pomona	496
20. University of Maine	490
21. Western Carolina University	487
22. University of North Texas	480
23. University of Wisconsin - Stout	478
24. The Pennsylvania State University	465
25. Wayne State University	458
26. Montana State University	409
27. Buffalo State	379
28. Northern Illinois University	360
29. University of Louisiana at Lafayette	358
30. Michigan Technological University	357
31. SUNY Polytechnic Institute	346
32. The U. of Akron, Eng. & Science Tech. Dept.	323
33. University of Dayton	322
34. Minnesota State University Mankato	295
35. South Dakota State University	262
36. Western Michigan University	258
37. Ohio University	253
38. The University of Memphis	239
39. Louisiana Tech University	223
40. Tennessee Technological University	219
41. Penn State Erie The Behrend College	218
42. Brigham Young University	212
43. California State U. Maritime Academy	207
44. University of Hartford	199
45. Temple University	189
46. University of Arkansas at Little Rock	183
47. Trine University	164
48. East Carolina University	147
49. University of Massachusetts Lowell	138
50. Lawrence Technological University	134

* 56 schools reported. Enrollment is for full-time and part-time bachelor's degree candidates in engineering technology.

ENGINEERING TECHNOLOGY ENROLLMENT BY GENDER

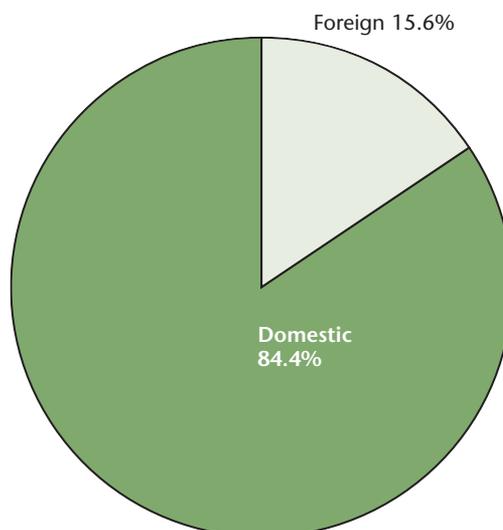


ENGINEERING TECHNOLOGY ENROLLMENT BY ETHNICITY*



*American Indian (0.6%), Hawaiian/Pacific Islander (0.2%), and Two or More (3.2%) are combined under Other.

ENGINEERING TECHNOLOGY ENROLLMENT BY RESIDENCY



* 64 schools reported. Enrollment is for full-time and part-time bachelor's degree candidates in engineering technology.