Appendix Table 3-16 Employed S&E highest degree holders, by race, ethnicity, and field of degree: 2013

		Asian		American Indian or Alaska Native		Black		Hispanic		White		Native Hawaiian or Other Pacific Islander		More than one race	
Highest degree field	Total	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
All S&E degrees	12,446,000	1,681,000	13.5	34,000	0.3	725,000	5.8	984,000	7.9	8,780,000	70.5	43,000	0.3	199,000	1.6
Computer and mathematical sciences	2,197,000	460,000	20.9	2,000	0.1	162,000	7.4	129,000	5.9	1,411,000	64.2	3,000	0.1	28,000	1.3
Computer and information sciences	1,623,000	382,000	23.5	1,000	0.1	137,000	8.4	103,000	6.3	974,000	60.0	3,000	0.2	23,000	1.4
Computer and information sciences, general	314,000	75,000	23.9	S	S	37,000	11.8	26,000	8.3	173,000	55.1	S	S	S	S
Computer science	849,000	253,000	29.8	S	S	41,000	4.8	42,000	4.9	504,000	59.4	S	S	9,000	1.1
Computer systems analysis	28,000	3,000	10.7	S	S	3,000	10.7	3,000	10.7	18,000	64.3	S	S	S	S
Information services and systems	337,000	35,000	10.4	S	S	41,000	12.2	21,000	6.2	230,000	68.2	S	S	8,000	2.4
Other computer and information sciences	94,000	16,000	17.0	S	S	16,000	17.0	11,000	11.7	49,000	52.1	S	S	2,000	2.1
Mathematics and statistics	574,000	79,000	13.8	S	S	25,000	4.4	27,000	4.7	438,000	76.3	S	S	5,000	0.9
Applied mathematics	55,000	11,000	20.0	S	S	3,000	5.5	3,000	5.5	37,000	67.3	S	S	S	S
Mathematics, general	403,000	40,000	9.9	S	S	20,000	5.0	18,000	4.5	322,000	79.9	S	S	3,000	0.7
Operations research	41,000	5,000	12.2	S	S	S	S	4,000	9.8	32,000	78.0	S	S	S	S
Statistics	53,000	20,000	37.7	S	S	1,000	1.9	1,000	1.9	30,000	56.6	S	S	1,000	1.9
Other mathematics	21,000	3,000	14.3	S	S	S	S	1,000	4.8	16,000	76.2	S	S	S	S
Biological, agricultural, and environmental life sciences	1,896,000	228,000	12.0	5,000	0.3	88,000	4.6	140,000	7.4	1,397,000	73.7	S	S	28,000	1.5

		Asian		American Indian or Alaska Native		Black		Hispanic		White		Native Hawaiian or Other Pacific Islander		More than one race	
Highest degree field	Total	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Agricultural and food sciences	301,000	21,000	7.0	S	S	7,000	2.3	23,000	7.6	246,000	81.7	S	S	4,000	1.3
Animal sciences	103,000	2,000	1.9	S	S	S	S	4,000	3.9	91,000	88.3	S	S	S	S
Food sciences and technology	43,000	7,000	16.3	S	S	1,000	2.3	10,000	23.3	24,000	55.8	S	S	S	S
Plant sciences	98,000	8,000	8.2	S	S	1,000	1.0	7,000	7.1	80,000	81.6	S	S	2,000	2.0
Other agricultural sciences	57,000	4,000	7.0	S	S	S	S	S	S	51,000	89.5	S	S	S	S
Biological sciences	1,427,000	198,000	13.9	4,000	0.3	73,000	5.1	109,000	7.6	1,014,000	71.1	S	S	22,000	1.5
Biochemistry and biophysics	119,000	28,000	23.5	S	S	4,000	3.4	9,000	7.6	75,000	63.0	S	S	2,000	1.7
Biology, general	665,000	65,000	9.8	3,000	0.5	48,000	7.2	56,000	8.4	475,000	71.4	S	S	9,000	1.4
Botany	25,000	3,000	12.0	S	S	S	S	1,000	4.0	21,000	84.0	S	S	S	S
Cell and molecular biology	92,000	18,000	19.6	S	S	3,000	3.3	11,000	12.0	60,000	65.2	S	S	1,000	1.1
Ecology	73,000	2,000	2.7	S	S	S	S	5,000	6.8	64,000	87.7	S	S	S	S
Genetics, animal and plant	20,000	4,000	20.0	S	S	S	S	1,000	5.0	15,000	75.0	S	S	S	S
Microbiological sciences and immunology	95,000	22,000	23.2	S	S	4,000	4.2	8,000	8.4	59,000	62.1	S	S	1,000	1.1
Nutritional sciences	79,000	8,000	10.1	S	S	4,000	5.1	5,000	6.3	60,000	75.9	S	S	S	S
Pharmacology, human and animal	18,000	4,000	22.2	S	S	1,000	5.6	1,000	5.6	12,000	66.7	S	S	S	S
Physiology and pathology, human and animal	49,000	12,000	24.5	S	S	1,000	2.0	2,000	4.1	33,000	67.3	S	S	1,000	2.0

		Asian		American Indian or Alaska Native		Black		Hispanic		White		Native Hawaiian or Other Pacific Islander		More than one race	
Highest degree field	Total	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Zoology, general	78,000	9,000	11.5	S	S	1,000	1.3	2,000	2.6	65,000	83.3	S	S	S	S
Other biological sciences	114,000	23,000	20.2	S	S	5,000	4.4	8,000	7.0	75,000	65.8	S	S	2,000	1.8
Environmental life sciences	168,000	10,000	6.0	1,000	0.6	8,000	4.8	8,000	4.8	138,000	82.1	S	S	3,000	1.8
Environmental science or studies	115,000	7,000	6.1	S	S	S	S	7,000	6.1	92,000	80.0	S	S	1,000	0.9
Forestry sciences	53,000	3,000	5.7	S	S	S	S	S	S	46,000	86.8	S	S	S	S
Physical and related sciences	731,000	118,000	16.1	5,000	0.7	17,000	2.3	38,000	5.2	542,000	74.1	1,000	0.1	10,000	1.4
Chemistry, except biochemistry	324,000	68,000	21.0	S	S	13,000	4.0	19,000	5.9	221,000	68.2	S	S	3,000	0.9
Earth, atmospheric, and ocean sciences	199,000	8,000	4.0	1,000	0.5	1,000	0.5	8,000	4.0	178,000	89.4	S	S	3,000	1.5
Atmospheric sciences and meteorology	29,000	2,000	6.9	S	S	S	S	S	S	25,000	86.2	S	S	S	S
Earth sciences	35,000	S	S	S	S	S	S	1,000	2.9	33,000	94.3	S	S	S	S
Geology	98,000	2,000	2.0	1,000	1.0	1,000	1.0	5,000	5.1	89,000	90.8	S	S	S	S
Geological sciences, other	28,000	2,000	7.1	S	S	S	S	1,000	3.6	25,000	89.3	S	S	S	S
Oceanography	9,000	1,000	11.1	S	S	S	S	S	S	7,000	77.8	S	S	S	S
Physics and astronomy	176,000	33,000	18.8	S	S	3,000	1.7	9,000	5.1	127,000	72.2	S	S	4,000	2.3
Astronomy and astrophysics	18,000	1,000	5.6	S	S	S	S	S	S	15,000	83.3	S	S	S	S
Physics	158,000	32,000	20.3	S	S	3,000	1.9	8,000	5.1	111,000	70.3	S	S	4,000	2.5
Other physical sciences	31,000	9,000	29.0	S	S	S	S	2,000	6.5	16,000	51.6	S	S	S	S
Other physical sciences	31,000	9,000	29.0	S	S	S	S	2,000	6.5	16,000	51.6	S	S	S	S
Science, unclassified	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S

		Asian		American Indian or Alaska Native		Black		Hispanic		White		Native Hawaiian or Other Pacific Islander		More than one race	
Highest degree field	Total	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Social and related sciences	4,764,000	293,000	6.2	16,000	0.3	356,000	7.5	438,000	9.2	3,541,000	74.3	23,000	0.5	97,000	2.0
Economics	789,000	105,000	13.3	S	S	34,000	4.3	43,000	5.4	591,000	74.9	3,000	0.4	13,000	1.6
Agricultural economics	56,000	1,000	1.8	S	S	1,000	1.8	1,000	1.8	51,000	91.1	S	S	S	S
Economics	733,000	103,000	14.1	S	S	33,000	4.5	42,000	5.7	540,000	73.7	3,000	0.4	11,000	1.5
Political and related sciences	828,000	49,000	5.9	3,000	0.4	52,000	6.3	79,000	9.5	629,000	76.0	S	S	15,000	1.8
Public policy studies	52,000	3,000	5.8	S	S	7,000	13.5	4,000	7.7	38,000	73.1	S	S	S	S
International relations	150,000	10,000	6.7	S	S	3,000	2.0	21,000	14.0	109,000	72.7	S	S	5,000	3.3
Political science and government	626,000	36,000	5.8	2,000	0.3	42,000	6.7	53,000	8.5	483,000	77.2	S	S	9,000	1.4
Psychology	1,866,000	78,000	4.2	4,000	0.2	158,000	8.5	181,000	9.7	1,401,000	75.1	4,000	0.2	39,000	2.1
Educational psychology	109,000	3,000	2.8	S	S	14,000	12.8	4,000	3.7	85,000	78.0	S	S	2,000	1.8
Clinical psychology	211,000	8,000	3.8	S	S	15,000	7.1	21,000	10.0	158,000	74.9	S	S	7,000	3.3
Counseling psychology	303,000	7,000	2.3	S	S	41,000	13.5	27,000	8.9	221,000	72.9	S	S	4,000	1.3
Experimental psychology	38,000	1,000	2.6	S	S	S	S	2,000	5.3	34,000	89.5	S	S	S	S
General psychology	880,000	42,000	4.8	S	S	70,000	8.0	88,000	10.0	661,000	75.1	2,000	0.2	15,000	1.7
Industrial/organizational psychology	68,000	5,000	7.4	S	S	4,000	5.9	4,000	5.9	53,000	77.9	S	S	S	S
Social psychology	98,000	4,000	4.1	S	S	3,000	3.1	14,000	14.3	72,000	73.5	S	S	6,000	6.1
Other psychology	160,000	9,000	5.6	S	S	11,000	6.9	21,000	13.1	117,000	73.1	S	S	2,000	1.3
Sociology and anthropology	761,000	35,000	4.6	5,000	0.7	73,000	9.6	91,000	12.0	526,000	69.1	14,000	1.8	17,000	2.2
Anthropology and archaeology	124,000	4,000	3.2	2,000	1.6	2,000	1.6	10,000	8.1	103,000	83.1	S	S	3,000	2.4
Criminology	84,000	6,000	7.1	S	S	4,000	4.8	16,000	19.0	57,000	67.9	S	S	S	S

		Asian		American Indian or Alaska Native		Black		Hispanic		White		Native Hawaiian or Other Pacific Islander		More than one race	
Highest degree field	Total	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Sociology	554,000	25,000	4.5	3,000	0.5	67,000	12.1	66,000	11.9	367,000	66.2	14,000	2.5	12,000	2.2
Other social sciences	520,000	27,000	5.2	2,000	0.4	38,000	7.3	45,000	8.7	393,000	75.6	S	S	13,000	2.5
Area and ethnic studies	99,000	7,000	7.1	1,000	1.0	13,000	13.1	13,000	13.1	58,000	58.6	S	S	6,000	6.1
Linguistics	73,000	5,000	6.8	S	S	S	S	10,000	13.7	55,000	75.3	S	S	S	S
Philosophy of science	S	S	S	S	S	S	S	S	S	S	S	S	S	S	S
Geography	111,000	6,000	5.4	S	S	1,000	0.9	6,000	5.4	96,000	86.5	S	S	1,000	0.9
History of science	9,000	S	S	S	S	S	S	S	S	8,000	88.9	S	S	S	S
Other social sciences	219,000	9,000	4.1	S	S	20,000	9.1	15,000	6.8	168,000	76.7	S	S	6,000	2.7
Engineering	2,859,000	581,000	20.3	6,000	0.2	103,000	3.6	238,000	8.3	1,889,000	66.1	7,000	0.2	36,000	1.3
Aerospace, aeronautical, and astronautical engineering	131,000	14,000	10.7	S	S	2,000	1.5	17,000	13.0	97,000	74.0	S	S	2,000	1.5
Chemical engineering	182,000	33,000	18.1	S	S	7,000	3.8	19,000	10.4	122,000	67.0	S	S	2,000	1.1
Civil and architectural engineering	428,000	64,000	15.0	1,000	0.2	13,000	3.0	35,000	8.2	310,000	72.4	S	S	3,000	0.7
Architectural engineering	30,000	S	S	S	S	2,000	6.7	2,000	6.7	23,000	76.7	S	S	S	S
Civil engineering	398,000	61,000	15.3	1,000	0.3	11,000	2.8	33,000	8.3	287,000	72.1	S	S	3,000	0.8
Electrical and computer engineering	968,000	293,000	30.3	2,000	0.2	45,000	4.6	64,000	6.6	547,000	56.5	2,000	0.2	15,000	1.5
Computer and systems engineering	251,000	82,000	32.7	S	S	13,000	5.2	14,000	5.6	134,000	53.4	S	S	6,000	2.4
Electrical, electronics, and communications engineering	717,000	211,000	29.4	S	S	32,000	4.5	50,000	7.0	413,000	57.6	2,000	0.3	9,000	1.3
Industrial and manufacturing engineering	190,000	22,000	11.6	S	S	8,000	4.2	37,000	19.5	121,000	63.7	S	S	1,000	0.5

		Asian		American Indian or Alaska Native		Black		Hispanic		White		Native Hawaiian or Other Pacific Islander		More than one race	
Highest degree field	Total	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Mechanical engineering	559,000	92,000	16.5	2,000	0.4	17,000	3.0	37,000	6.6	403,000	72.1	1,000	0.2	7,000	1.3
Other engineering	401,000	63,000	15.7	S	S	11,000	2.7	30,000	7.5	289,000	72.1	S	S	6,000	1.5
Agricultural engineering	21,000	1,000	4.8	S	S	S	S	S	S	16,000	76.2	S	S	S	S
Bioengineering and biomedical engineering	50,000	15,000	30.0	S	S	1,000	2.0	S	S	27,000	54.0	S	S	1,000	2.0
Engineering sciences, mechanics, and physics	30,000	5,000	16.7	S	S	S	S	1,000	3.3	22,000	73.3	S	S	S	S
Environmental engineering	41,000	5,000	12.2	S	S	S	S	3,000	7.3	30,000	73.2	S	S	S	S
Engineering, general	32,000	3,000	9.4	S	S	S	S	3,000	9.4	26,000	81.3	S	S	S	S
Geophysical and geological engineering	12,000	S	S	S	S	S	S	S	S	8,000	66.7	S	S	S	S
Materials engineering, including ceramics and textiles	55,000	14,000	25.5	S	S	1,000	1.8	3,000	5.5	36,000	65.5	S	S	S	S
Metallurgical engineering	18,000	1,000	5.6	S	S	S	S	S	S	16,000	88.9	S	S	S	S
Mining and minerals engineering	11,000	S	S	S	S	S	S	S	S	10,000	90.9	S	S	S	S
Naval architecture and marine engineering	16,000	S	S	S	S	S	S	S	S	13,000	81.3	S	S	S	S
Nuclear engineering	15,000	1,000	6.7	S	S	S	S	1,000	6.7	12,000	80.0	S	S	S	S
Petroleum engineering	22,000	1,000	4.5	S	S	S	S	2,000	9.1	17,000	77.3	S	S	S	S
Other engineering	77,000	13,000	16.9	S	S	4,000	5.2	5,000	6.5	54,000	70.1	S	S	1,000	1.3

NOTES: S = suppressed for reasons of confidentiality and/or reliability.
Detail may not add to total because of rounding. Numbers are rounded to the nearest 1,000. Percentages are based on rounded numbers. Hispanic may be any race. American Indian or Alaska Native, Asian, black or African American, Native Hawaiian or Other Pacific Islander, white, and more than one race refer to individuals who are not of Hispanic origin.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Scientists and Engineers Statistical Data System (SESTAT) (2013), http://sestat.nsf.gov/.

Science and Engineering Indicators 2016