Appendix table 3-14

Employed S&E highest degree holders, by sex and field of degree: 2010

Field of S&E highest degree	Total	Female		Male	
		Number	Percent	Number	Percent
All S&E highest degree	11,385,000	4,248,000	37.3	7,138,000	62.7
Computer and mathematical sciences	1,886,000	519,000	27.5	1,366,000	72.4
Computer and information sciences	1,393,000	343,000	24.6	1,050,000	75.4
Computer and information sciences, general	277,000	62,000	22.4	215,000	77.6
Computer science	742,000	162,000	21.8	580,000	78.2
Computer systems analysis	31,000	9,000	29.0	22,000	71.0
Information services and systems	261,000	88,000	33.7	173,000	66.3
Other computer and information sciences	82,000	23,000	28.0	59,000	72.0
Mathematics and statistics	492,000	176,000	35.8	316,000	64.2
Applied mathematics	65,000	26,000	40.0	39,000	60.0
Mathematics, general	321,000	121,000	37.7	200,000	62.3
Operations research	34,000	5,000	14.7	29,000	85.3
Statistics	46,000	17,000	37.0	29,000	63.0
Other mathematics	25,000	6,000	24.0	20,000	80.0
Biological, agricultural, and environmental life sciences	1,764,000	838,000	47.5	926,000	52.5
Agricultural and food sciences	301,000	92,000	30.6	209,000	69.4
Animal sciences	102,000	35,000	34.3	67,000	65.7
Food sciences and technology	39,000	23,000	59.0	16,000	41.0
Plant sciences	99,000	26,000	26.3	72,000	72.7
Other agricultural sciences	62,000	7,000	11.3	54,000	87.1
Biological sciences	1,299,000	696,000	53.6	603,000	46.4
Biochemistry and biophysics	118,000	47,000	39.8	72,000	61.0
Biology, general	591,000	328,000	55.5	263,000	44.5
Botany	22,000	9,000	40.9	13,000	59.1
Cell and molecular biology	74,000	39,000	52.7	35,000	47.3
Ecology	66,000	26,000	39.4	40,000	60.6
Genetics, animal and plant	21,000	10,000	47.6	11,000	52.4
Microbiological sciences and immunology	96,000	60,000	62.5	37,000	38.5
Nutritional sciences	58,000	54,000	93.1	5,000	8.6
Pharmacology, human and animal	22,000	11,000	50.0	11,000	50.0
Physiology and pathology, human and animal	55,000	30,000	54.5	24,000	43.6
Zoology, general	68,000	28,000	41.2	41,000	60.3
Other biological sciences	107,000	54,000	50.5	53,000	49.5
Environmental life sciences	164,000	50,000	30.5	113,000	68.9
Environmental science or studies	106,000	41,000	38.7	65,000	61.3
Forestry sciences	57,000	9,000	15.8	49,000	86.0
Physical and related sciences	693,000	190,000	27.4	503,000	72.6
Chemistry, except biochemistry	312,000	104,000	33.3	208,000	66.7
Earth, atmospheric, and ocean sciences	184,000	51,000	27.7	133,000	72.3
Atmospheric sciences and meteorology	28,000	S	S	18,000	64.3
Earth sciences	32,000	11,000	34.4	21,000	65.6
Geology	92,000	22,000	23.9	70,000	76.1
Geological sciences, other	21,000	4,000	19.0	17,000	81.0
Oceanography	10,000	3,000	30.0	7,000	70.0
Physics and astronomy	166,000	23,000	13.9	143,000	86.1
Astronomy and astrophysics	14,000	2,000	14.3	12,000	85.7
Physics	152,000	21,000	13.8	131,000	86.2
Other physical sciences	30,000	11,000	36.7	19,000	63.3
Other physical sciences	27,000	10,000	37.0	17,000	63.0
Science, unclassified	3,000	S	S	S	S
Social and related sciences	4,363,000	2,333,000	53.5	2,030,000	46.5
Economics	729,000	186,000	25.5	543,000	74.5
Agricultural economics	72,000	14,000	19.4	57,000	79.2
Economics	657,000	171,000	26.0	486,000	74.0
Political and related sciences	729,000	282,000	38.7	446,000	61.2

Appendix table 3-14

Employed S&E highest degree holders, by sex and field of degree: 2010

Field of S&E highest degree	Total	Female		Male	
		Number	Percent	Number	Percent
Public policy studies	43,000	25,000	58.1	18,000	41.9
International relations	137,000	64,000	46.7	72,000	52.6
Political science and government	549,000	193,000	35.2	356,000	64.8
Psychology	1,661,000	1,157,000	69.7	504,000	30.3
Educational psychology	98,000	81,000	82.7	18,000	18.4
Clinical psychology	153,000	98,000	64.1	55,000	35.9
Counseling psychology	237,000	178,000	75.1	59,000	24.9
Experimental psychology	39,000	20,000	51.3	19,000	48.7
General psychology	883,000	617,000	69.9	266,000	30.1
Industrial/organizational psychology	44,000	23,000	52.3	21,000	47.7
Social psychology	72,000	48,000	66.7	24,000	33.3
Other psychology	135,000	94,000	69.6	41,000	30.4
Sociology and anthropology	738,000	434,000	58.8	304,000	41.2
Anthropology and archaeology	134,000	75,000	56.0	59,000	44.0
Criminology	68,000	23,000	33.8	45,000	66.2
Sociology	536,000	337,000	62.9	200,000	37.3
Other social sciences	507,000	274,000	54.0	233,000	46.0
Area and ethnic studies	91,000	57,000	62.6	34,000	37.4
Linguistics	57,000	38,000	66.7	19,000	33.3
Philosophy of science	17,000	S	S	11,000	64.7
Geography	113,000	38,000	33.6	75,000	66.4
History of science	12,000	4,000	33.3	8,000	66.7
Other social sciences	217,000	130,000	59.9	87,000	40.1
Engineering	2,679,000	367,000	13.7	2,312,000	86.3
Aerospace, aeronautical, and astronautical engineering	106,000	9,000	8.5	98,000	92.5
Chemical engineering	178,000	43,000	24.2	135,000	75.8
Civil and architectural engineering	407,000	64,000	15.7	343,000	84.3
Architectural engineering	33,000	8,000	24.2	26,000	78.8
Civil engineering	374,000	57,000	15.2	317,000	84.8
Electrical and computer engineering	914,000	109,000	11.9	804,000	88.0
Computer and systems engineering	212,000	26,000	12.3	186,000	87.7
Electrical, electronics, and communications engineering	702,000	84,000	12.0	618,000	88.0
Industrial and manufacturing engineering	159,000	34,000	21.4	125,000	78.6
Mechanical engineering	544,000	44,000	8.1	499,000	91.7
Other engineering	371,000	63,000	17.0	308,000	83.0
Agricultural engineering	29,000	3,000	10.3	26,000	89.7
Bioengineering and biomedical engineering	34,000	12,000	35.3	22,000	64.7
Engineering sciences, mechanics, and physics	33,000	3,000	9.1	30,000	90.9
Environmental engineering	43,000	13,000	30.2	30,000	69.8
Engineering, general	39,000	5,000	12.8	34,000	87.2
Geophysical and geological engineering	9,000	3,000	33.3	6,000	66.7
Materials engineering, including ceramics and textiles	40,000	8,000	20.0	32,000	80.0
Metallurgical engineering	14,000	1,000	7.1	13,000	92.9
Mining and minerals engineering	9,000	S	S	8,000	88.9
Naval architecture and marine engineering	15,000	S	S	15,000	100.0
Nuclear engineering	15,000	2,000	13.3	13,000	86.7
Petroleum engineering	17,000	2,000	11.8	14,000	82.4
Other engineering	75,000	11,000	14.7	64,000	85.3

S = suppressed for reasons of confidentiality and/or reliability.

NOTES: Detail may not add to total because of rounding. Numbers are rounded to the nearest 1,000. Percentages are based on rounded numbers.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Scientists and Engineers Statistical Data System (SESTAT) (2010), http://sestat.nsf.gov/.

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