

## Employed individuals with S&amp;E or S&amp;E-related highest degree, by highest degree, field of highest degree, and employment sector: 2003

Degree and field	Employed individuals	Business/industry				Education			Government		
		All business/industry	Profit	Self-employed	Nonprofit	All education	4-year college/university	Other	All government	Federal	State/local
<b>All degree levels<sup>a</sup></b>											
S&E fields.....	9,587,000	6,831,900	5,661,700	565,000	605,300	1,498,300	811,100	687,100	1,256,800	511,300	745,500
Science.....	7,253,800	4,886,500	3,856,400	468,500	561,500	1,371,700	717,100	654,600	995,600	374,700	620,900
Computer and mathematical sciences.....	1,439,200	1,114,300	1,012,600	52,000	49,700	210,100	100,800	109,300	114,800	57,400	57,400
Computer and information sciences.....	962,600	798,700	735,300	29,700	33,700	84,800	49,400	35,400	79,100	38,100	41,000
Mathematics and statistics.....	476,600	315,600	277,300	22,300	16,000	125,300	51,300	74,000	35,700	19,300	16,400
Biological, agricultural, and environmental life sciences.....	1,489,200	916,700	702,700	97,500	116,500	354,300	248,200	106,100	218,200	94,200	123,900
Agricultural and food sciences.....	251,300	177,000	137,200	30,700	9,100	39,900	24,900	15,000	34,400	20,400	14,100
Biological sciences.....	1,087,300	650,300	491,000	58,300	101,000	297,600	212,600	85,000	139,400	57,100	82,300
Environmental life sciences.....	150,600	89,400	74,500	8,400	6,400	16,900	10,800	6,100	44,300	16,800	27,600
Physical and related sciences.....	692,900	458,200	399,700	35,100	23,500	152,300	100,300	52,000	82,400	41,200	41,200
Chemistry, except biochemistry.....	325,600	230,900	203,600	13,500	13,800	67,100	43,100	24,000	27,600	12,600	15,000
Earth, atmospheric, and ocean sciences.....	169,000	104,000	85,900	14,100	4,100	30,900	17,400	13,500	34,100	14,600	19,500
Physics and astronomy.....	152,300	95,300	85,700	5,400	4,200	45,200	33,600	11,600	11,800	10,600	1,200
Other.....	46,000	27,900	24,600	2,000	1,400	9,200	6,300	2,900	8,900	3,400	5,500
Social and related sciences.....	3,632,500	2,397,300	1,741,500	284,000	371,800	655,000	267,800	387,200	580,300	181,800	398,400
Economics.....	555,100	470,600	397,300	51,500	21,800	42,800	29,400	13,300	41,800	21,600	20,200
Political and related sciences.....	660,500	459,100	361,500	44,200	53,400	75,800	41,700	34,100	125,500	53,600	71,900
Psychology.....	1,335,300	814,400	518,800	120,600	175,000	313,900	102,400	211,500	207,000	45,700	161,300
Sociology and anthropology.....	684,100	409,700	286,100	37,500	86,100	126,700	56,300	70,400	147,700	36,000	111,700
Other.....	397,600	243,500	177,800	30,200	35,500	95,800	37,900	57,900	58,300	25,000	33,300
Engineering.....	2,333,200	1,945,400	1,805,200	96,500	43,700	126,500	94,000	32,500	261,300	136,600	124,600
Aerospace, aeronautical, and astronautical.....	85,300	70,000	63,300	4,100	2,600	4,400	4,000	500	10,900	9,600	1,200
Chemical.....	160,400	134,800	128,700	3,700	2,400	11,800	9,600	2,200	13,800	8,800	5,000
Civil and architectural.....	384,700	282,800	257,000	20,300	5,500	14,600	9,400	5,200	87,300	19,300	68,000
Electrical and computer.....	747,700	654,900	616,100	25,300	13,500	36,900	29,400	7,500	55,800	41,000	14,800
Industrial.....	132,300	114,200	106,200	3,600	4,400	6,300	3,400	2,900	11,800	6,500	5,300
Mechanical.....	492,500	427,100	397,900	19,800	9,400	23,200	15,900	7,300	42,200	29,200	13,000
Other.....	330,200	261,600	235,900	19,600	6,000	29,200	22,300	6,900	39,500	22,200	17,300
S&E-related fields.....	4,376,900	3,088,700	2,072,300	386,800	629,500	904,500	467,900	436,600	383,700	134,700	249,000
Health.....	3,367,000	2,430,400	1,537,900	295,400	597,100	633,800	432,400	201,400	302,800	109,900	192,900
Science and mathematics teacher education.....	339,200	94,500	64,300	19,200	11,100	228,600	15,300	213,300	16,100	5,900	10,200
Technology and technical fields.....	334,400	288,200	256,300	21,100	10,800	18,700	7,800	10,900	27,500	12,500	15,000
Other.....	336,300	275,600	213,900	51,100	10,600	23,400	12,300	11,100	37,300	6,400	31,000
<b>Bachelor's</b>											
S&E fields.....	6,947,000	5,245,500	4,401,600	402,900	441,000	774,600	325,500	449,100	926,900	342,600	584,300
Science.....	5,271,100	3,816,000	3,075,700	331,700	408,600	719,200	292,900	426,400	735,900	246,600	489,300
Computer and mathematical sciences.....	1,012,100	808,300	732,500	36,800	39,000	118,800	39,600	79,200	84,900	39,300	45,600
Computer and information sciences.....	667,500	560,800	514,600	20,400	25,800	48,800	24,800	24,000	58,000	25,300	32,700
Mathematics and statistics.....	344,500	247,600	218,000	16,400	13,200	70,000	14,800	55,200	26,900	14,000	13,000

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	Employed individuals	All business/industry	Profit	Self-employed	Nonprofit	All education	4-year college/university	Other	All government	Federal	State/local
Biological, agricultural, and environmental life sciences .....	1,080,100	735,200	569,000	77,800	88,500	184,800	107,900	76,900	160,100	60,600	99,400
Agricultural and food sciences .....	198,500	148,700	115,800	26,000	6,800	21,300	9,300	12,000	28,500	16,300	12,200
Biological sciences .....	766,200	515,000	391,600	45,600	77,800	153,300	92,400	61,000	97,900	34,700	63,200
Environmental life sciences.....	115,300	71,500	61,500	6,200	3,800	10,200	6,200	3,900	33,600	9,600	24,000
Physical and related sciences .....	421,600	305,900	268,200	22,600	15,200	63,100	33,800	29,300	52,600	21,900	30,700
Chemistry, except biochemistry.....	208,000	157,800	136,700	10,100	11,000	30,800	16,900	14,000	19,300	7,800	11,500
Earth, atmospheric, and ocean sciences.....	103,700	72,600	62,500	8,400	1,700	10,500	3,800	6,600	20,700	7,300	13,400
Physics and astronomy .....	73,300	52,800	49,400	2,100	1,200	15,000	8,400	6,700	5,500	4,900	S
Other .....	36,600	22,700	19,600	1,900	S	6,700	4,700	2,000	7,100	1,900	5,200
Social and related sciences.....	2,757,300	1,966,500	1,506,000	194,500	266,000	352,500	111,500	241,000	438,300	124,800	313,500
Economics .....	459,400	411,100	352,500	43,400	15,200	17,500	9,900	7,600	30,800	13,200	17,600
Political and related sciences .....	542,700	402,100	319,400	38,600	44,100	48,200	20,300	28,000	92,300	32,700	59,500
Psychology .....	848,700	569,800	410,400	54,300	105,000	141,800	40,300	101,500	137,100	28,500	108,600
Sociology and anthropology .....	604,500	380,300	267,600	33,800	78,900	89,900	27,300	62,500	134,300	31,600	102,700
Other .....	302,000	203,200	156,100	24,400	22,700	55,000	13,700	41,400	43,800	18,700	25,100
Engineering.....	1,675,800	1,429,400	1,325,900	71,200	32,400	55,400	32,700	22,800	191,000	96,000	95,000
Aerospace, aeronautical, and astronautical.....	63,800	54,400	49,900	2,700	1,900	1,700	1,500	S	7,700	6,600	S
Chemical.....	116,900	100,200	95,900	2,700	1,500	6,700	5,300	1,300	10,100	7,500	2,600
Civil and architectural .....	288,100	213,800	194,100	15,900	3,700	6,100	2,700	3,400	68,300	15,400	52,900
Electrical and computer .....	517,700	460,200	435,100	15,900	9,200	14,900	8,900	6,000	42,500	29,700	12,800
Industrial.....	99,500	89,900	82,500	3,500	3,900	2,400	700	1,700	7,200	3,100	4,100
Mechanical .....	393,400	346,400	320,300	17,900	8,100	12,700	6,500	6,200	34,300	22,900	11,400
Other .....	196,500	164,600	148,100	12,600	3,900	10,900	7,000	3,900	21,000	10,800	10,200
S&E-related fields .....	2,322,800	1,705,000	1,163,000	139,000	402,900	396,800	190,900	205,900	220,900	68,300	152,700
Health .....	1,621,700	1,186,800	738,700	68,000	380,100	265,100	176,300	88,800	169,700	49,500	120,300
Science and mathematics teacher education.....	184,800	71,300	49,800	13,100	8,400	103,700	S	100,800	9,800	4,600	5,200
Technology and technical fields.....	281,600	245,500	215,500	19,600	10,400	14,600	6,200	8,400	21,500	8,800	12,700
Other.....	234,700	201,400	159,000	38,200	4,100	13,400	5,500	7,900	19,900	5,400	14,500
Master's											
S&E fields.....	1,918,400	1,261,400	1,019,900	113,900	127,700	394,900	181,900	212,900	262,200	122,200	139,900
Science.....	1,383,900	823,800	610,700	93,500	119,600	358,400	153,700	204,700	201,700	89,300	112,400
Computer and mathematical sciences.....	375,000	285,900	262,300	13,900	9,700	62,000	33,100	28,900	27,200	16,000	11,100
Computer and information sciences.....	277,000	227,900	211,400	8,900	7,600	28,600	17,400	11,200	20,500	12,300	8,200
Mathematics and statistics .....	98,000	58,000	50,900	5,000	2,000	33,400	15,700	17,800	6,600	3,700	2,900
Biological, agricultural, and environmental life sciences .....	208,700	109,000	79,900	11,700	17,400	62,700	39,200	23,500	37,100	17,100	20,000
Agricultural and food sciences .....	31,400	18,600	14,200	2,700	1,700	9,500	7,000	2,500	3,400	2,400	900
Biological sciences .....	147,800	74,100	53,700	7,000	13,500	48,900	30,000	19,000	24,700	8,800	15,900
Environmental life sciences.....	29,500	16,300	12,100	S	2,200	4,300	2,300	2,000	9,000	5,800	3,100
Physical and related sciences.....	129,700	79,300	67,700	7,900	3,600	33,900	15,800	18,100	16,500	9,200	7,400
Chemistry, except biochemistry.....	46,100	29,900	28,000	900	1,100	12,600	5,200	7,400	3,500	1,600	1,900
Earth, atmospheric, and ocean sciences.....	47,200	26,200	19,400	5,100	1,700	10,700	4,400	6,300	10,300	5,100	5,300

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Degree and field	Employed individuals	Business/industry				Education			Government		
		All business/industry	Profit	Self-employed	Nonprofit	All education	4-year college/university	Other	All government	Federal	State/local
Physics and astronomy .....	31,200	20,400	17,600	2,000	800	9,500	5,900	3,600	1,300	1,300	S
Other .....	5,200	2,800	2,800	S	S	1,000	S	800	1,300	S	S
Social and related sciences.....	670,400	349,600	200,700	60,000	88,900	199,800	65,700	134,200	121,000	47,100	73,900
Economics .....	71,900	52,300	39,500	7,100	5,700	12,100	6,700	5,400	7,500	5,500	2,100
Political and related sciences.....	96,700	52,200	39,400	4,500	8,300	13,600	8,500	5,100	30,800	20,000	10,900
Psychology .....	372,800	187,000	87,500	41,000	58,500	127,600	25,700	101,800	58,200	12,800	45,400
Sociology and anthropology .....	52,300	23,100	16,300	2,200	4,600	17,900	11,300	6,600	11,300	3,200	8,100
Other .....	76,800	35,000	17,900	5,300	11,800	28,600	13,400	15,100	13,200	5,600	7,500
Engineering.....	534,500	437,600	409,200	20,400	8,100	36,500	28,200	8,200	60,400	32,900	27,500
Aerospace, aeronautical, and astronautical.....	15,500	11,900	10,500	S	S	1,100	900	S	2,500	2,400	S
Chemical.....	27,000	22,700	22,100	S	S	1,800	1,200	S	2,400	600	1,800
Civil and architectural .....	85,900	63,400	57,700	4,100	1,600	4,500	2,800	1,700	17,900	3,200	14,700
Electrical and computer .....	194,200	170,600	159,400	7,800	3,400	12,100	11,000	1,100	11,500	9,600	1,900
Industrial.....	29,200	22,700	22,200	S	S	2,100	900	1,200	4,400	3,300	1,100
Mechanical .....	83,700	70,300	68,100	1,300	900	6,300	5,400	900	7,200	5,500	1,600
Other .....	99,100	76,100	69,300	5,700	1,100	8,500	6,000	2,500	14,600	8,200	6,400
S&E-related fields .....	914,200	508,300	318,400	62,700	127,100	300,400	81,100	219,300	105,600	33,800	71,800
Health .....	623,800	376,300	215,800	42,800	117,700	170,500	67,700	102,800	76,900	27,900	49,000
Science and mathematics teacher education.....	146,600	22,400	13,600	6,100	2,700	118,100	7,100	110,900	6,200	S	4,900
Technology and technical fields.....	49,300	40,400	38,600	S	S	3,600	1,100	2,500	5,300	3,600	1,700
Other.....	94,500	69,100	50,400	12,400	6,400	8,200	5,100	3,000	17,200	1,000	16,200
Doctoral											
S&E fields.....	689,500	303,000	230,300	39,200	33,400	323,300	299,700	23,600	63,200	45,400	17,800
Science.....	567,700	225,300	160,900	34,300	30,100	289,000	266,800	22,200	53,400	37,600	15,700
Computer and mathematical sciences.....	51,200	19,200	17,000	1,200	1,100	29,300	28,100	1,200	2,600	2,100	500
Computer and information sciences.....	17,100	9,200	8,700	300	300	7,400	7,200	200	500	400	S
Mathematics and statistics .....	34,000	10,000	8,300	900	800	21,900	20,900	1,000	2,100	1,700	500
Biological, agricultural, and environmental life sciences .....	190,600	64,600	49,400	5,100	10,100	105,800	100,100	5,700	20,200	16,500	3,700
Agricultural and food sciences .....	19,400	8,300	7,100	600	600	9,100	8,600	500	2,100	1,600	400
Biological sciences .....	165,500	54,700	41,300	4,300	9,100	94,300	89,300	5,000	16,400	13,600	2,800
Environmental life sciences.....	5,700	1,600	1,000	200	300	2,400	2,300	200	1,700	1,300	500
Physical and related sciences .....	140,600	72,300	63,200	4,500	4,600	55,000	50,500	4,500	13,200	10,100	3,100
Chemistry, except biochemistry.....	71,100	43,100	38,800	2,500	1,700	23,300	20,700	2,600	4,700	3,200	1,600
Earth, atmospheric, and ocean sciences.....	17,900	5,100	4,000	600	500	9,700	9,100	600	3,100	2,300	800
Physics and astronomy .....	47,800	22,200	18,700	1,300	2,200	20,600	19,300	1,300	5,000	4,300	600
Other .....	3,800	2,000	1,800	100	S	1,400	1,400	S	400	300	S
Social and related sciences.....	185,400	69,200	31,300	23,500	14,400	98,900	88,100	10,800	17,300	8,900	8,400
Economics .....	23,800	7,200	5,300	1,100	900	13,200	12,800	300	3,400	2,900	500
Political and related sciences.....	20,500	4,800	2,600	1,100	1,100	13,900	12,900	1,000	1,900	900	900
Psychology .....	96,500	47,000	18,100	19,900	9,100	40,800	33,900	6,800	8,700	3,300	5,400
Sociology and anthropology .....	26,700	5,700	2,300	900	2,600	18,900	17,700	1,200	2,100	1,200	900

**Employed individuals with S&E or S&E-related highest degree, by highest degree, field of highest degree, and employment sector: 2003**

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Other .....	18,000	4,500	3,100	600	800	12,200	10,800	1,400	1,300	600	700
Engineering .....	121,800	77,600	69,400	4,900	3,300	34,300	32,800	1,400	9,900	7,800	2,100
Aerospace, aeronautical, and astronautical.....	6,000	3,600	2,900	500	200	1,600	1,600	S	700	700	S
Chemical.....	16,400	12,000	10,800	600	600	3,100	2,900	300	1,300	700	600
Civil and architectural .....	10,800	5,600	5,200	300	200	4,000	3,900	S	1,100	700	500
Electrical and computer .....	35,500	23,900	21,500	1,500	900	9,700	9,400	300	1,800	1,700	200
Industrial.....	3,700	1,700	1,600	S	S	1,800	1,800	S	200	200	S
Mechanical .....	15,200	10,300	9,300	600	400	4,100	4,000	100	800	800	S
Other .....	34,200	20,500	18,100	1,300	1,000	9,800	9,300	500	3,900	3,100	800
S&E-related fields .....	58,100	24,000	17,400	2,400	4,100	29,000	26,900	2,100	5,100	2,000	3,100
Health .....	41,700	16,500	10,600	2,000	4,000	20,500	19,700	800	4,600	1,900	2,700
Science and mathematics teacher education.....	6,800	S	S	S	S	6,500	5,300	1,200	S	S	S
Technology and technical fields.....	2,800	2,100	2,100	S	S	S	S	S	S	S	S
Other.....	6,800	5,100	S	S	S	1,400	1,400	S	S	S	S

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

\*Includes professional degrees.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT), preliminary estimates (2003), <http://sestat.nsf.gov>.

Science and Engineering Indicators 2006