TABLE 15. Employed U.S. scientists and engineers, by level and field of highest degree and geographic division of employment: 2006

Level and field of highest degree	Employed scientists and engineers	Geographic division of employment								
		New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
All degree levels and fields[a]	18,927,000	1,290,000	2,911,000	2,815,000	1,322,000	3,540,000	829,000	1,615,000	1,258,000	3,340,000
S&E fields	10,156,000	689,000	1,556,000	1,409,000	652,000	1,912,000	403,000	853,000	691,000	1,988,000
Sciences	7,719,000	524,000	1,241,000	1,028,000	521,000	1,493,000	297,000	605,000	524,000	1,484,000
Biological/agricultural/environmental life sciences	1,555,000	97,000	223,000	202,000	130,000	281,000	71,000	144,000	107,000	300,000
Agricultural sciences	267,000	11,000	29,000	44,000	40,000	38,000	15,000	31,000	20,000	38,000
Biological sciences	1,125,000	76,000	171,000	137,000	81,000	206,000	49,000	104,000	75,000	225,000
Environmental life sciences	164,000	9,000	23,000	21,000	10,000	37,000	7,000	8,000	12,000	38,000
Computer/mathematical sciences	1,586,000	106,000	265,000	219,000	106,000	313,000	51,000	137,000	89,000	299,000
Computer/information sciences	1,103,000	64,000	182,000	156,000	75,000	227,000	28,000	87,000	60,000	223,000
Mathematics/statistics	483,000	41,000	84,000	64,000	31,000	87,000	23,000	49,000	29,000	75,000
Physical/related sciences	688,000	51,000	112,000	87,000	36,000	122,000	27,000	61,000	62,000	129,000
Chemistry, except biochemistry	319,000	24,000	56,000	50,000	18,000	61,000	14,000	24,000	18,000	54,000
Earth/atmospheric/ocean sciences	173,000	9,000	20,000	18,000	10,000	28,000	7,000	20,000	30,000	32,000
Physics/astronomy	154,000	15,000	27,000	16,000	7,000	27,000	6,000	10,000	11,000	35,000
Other physical sciences	41,000	3,000	8,000	3,000	2,000	7,000	*	6,000	4,000	9,000
Social/related sciences	3,890,000	270,000	641,000	519,000	249,000	776,000	148,000	264,000	265,000	757,000
Economics	594,000	42,000	110,000	79,000	49,000	105,000	19,000	37,000	41,000	111,000
Political/related sciences	691,000	52,000	117,000	77,000	33,000	180,000	22,000	46,000	42,000	121,000
Psychology	1,422,000	104,000	228,000	202,000	88,000	258,000	66,000	108,000	93,000	275,000
Sociology/anthropology	759,000	47,000	126,000	99,000	46,000	142,000	30,000	40,000	66,000	163,000
Other social sciences	424,000	25,000	60,000	61,000	33,000	91,000	11,000	33,000	23,000	87,000
Engineering	2,437,000	165,000	315,000	381,000	131,000	419,000	106,000	248,000	167,000	504,000
Aerospace/aeronautical/astronautical engineering	83,000	3,000	6,000	9,000	4,000	20,000	4,000	9,000	8,000	22,000
Chemical engineering	165,000	10,000	26,000	29,000	9,000	22,000	7,000	26,000	11,000	24,000
Civil/architectural engineering	396,000	28,000	51,000	49,000	25,000	78,000	21,000	39,000	28,000	77,000
Electrical/computer engineering	791,000	58,000	100,000	98,000	36,000	129,000	29,000	75,000	57,000	210,000
Industrial engineering	146,000	9,000	16,000	29,000	9,000	30,000	11,000	15,000	7,000	20,000
Mechanical engineering	506,000	36,000	66,000	108,000	26,000	81,000	20,000	51,000	28,000	89,000
Other engineering	351,000	22,000	51,000	59,000	22,000	60,000	15,000	33,000	28,000	63,000
S&E-related fields	4,587,000	292,000	705,000	765,000	383,000	817,000	238,000	427,000	296,000	664,000
Health	3,596,000	214,000	548,000	621,000	296,000	644,000	200,000	317,000	241,000	514,000
Science/mathematics teacher education	334,000	33,000	61,000	55,000	31,000	56,000	12,000	41,000	18,000	29,000
Technology/technical fields	328,000	21,000	40,000	51,000	34,000	47,000	18,000	38,000	19,000	60,000
Other S&E-related fields	329,000	23,000	56,000	38,000	23,000	71,000	8,000	31,000	19,000	61,000
Non-S&E fields	4,184,000	310,000	649,000	641,000	287,000	811,000	188,000	336,000	271,000	688,000
Arts/humanities	329,000	26,000	52,000	45,000	19,000	62,000	10,000	24,000	20,000	71,000
Education, except science/mathematics teacher education	924,000	57,000	153,000	143,000	72,000	152,000	60,000	87,000	72,000	128,000
Management/administration	1,387,000	103,000	185,000	237,000	79,000	285,000	63,000	119,000	86,000	229,000

TABLE 15. Employed U.S. scientists and engineers, by level and field of highest degree and geographic division of employment: 2006

Level and field of highest degree	Employed scientists and engineers	Geographic division of employment								
		New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
Sales/marketing	146,000	14,000	25,000	32,000	13,000	21,000	S	13,000	11,000	16,000
Social services/related	342,000	31,000	66,000	50,000	22,000	64,000	19,000	22,000	20,000	48,000
Other non-S&E fields	1,056,000	79,000	169,000	134,000	82,000	227,000	35,000	71,000	62,000	196,000
Bachelor's degrees	10,886,000	686,000	1,608,000	1,631,000	804,000	1,993,000	491,000	981,000	740,000	1,948,000
S&E fields	7,415,000	463,000	1,123,000	1,051,000	513,000	1,388,000	313,000	621,000	503,000	1,439,000
Sciences	5,680,000	353,000	907,000	770,000	413,000	1,085,000	229,000	438,000	385,000	1,099,000
Biological/agricultural/environmental life sciences	1,151,000	61,000	165,000	148,000	107,000	200,000	55,000	109,000	81,000	225,000
Agricultural sciences	218,000	11,000	24,000	37,000	35,000	30,000	11,000	26,000	13,000	32,000
Biological sciences	807,000	46,000	120,000	96,000	64,000	142,000	39,000	77,000	60,000	164,000
Environmental life sciences	125,000	5,000	20,000	16,000	8,000	28,000	5,000	6,000	8,000	29,000
Computer/mathematical sciences	1,123,000	67,000	169,000	164,000	88,000	217,000	39,000	104,000	65,000	210,000
Computer/information sciences	774,000	38,000	114,000	120,000	64,000	157,000	21,000	63,000	42,000	154,000
Mathematics/statistics	349,000	29,000	55,000	44,000	24,000	60,000	18,000	41,000	22,000	56,000
Physical/related sciences	419,000	30,000	70,000	56,000	22,000	75,000	18,000	36,000	35,000	78,000
Chemistry, except biochemistry	206,000	13,000	34,000	34,000	12,000	39,000	11,000	17,000	12,000	34,000
Earth/atmospheric/ocean sciences	105,000	5,000	15,000	12,000	6,000	19,000	3,000	10,000	15,000	20,000
Physics/astronomy	74,000	9,000	13,000	7,000	4,000	11,000	4,000	5,000	4,000	16,000
Other physical sciences	34,000	S	7,000	3,000	S	5,000	S	4,000	4,000	7,000
Social/related sciences	2,988,000	195,000	503,000	402,000	197,000	593,000	117,000	189,000	205,000	586,000
Economics	504,000	31,000	93,000	67,000	45,000	85,000	17,000	31,000	34,000	99,000
Political/related sciences	561,000	39,000	96,000	64,000	27,000	135,000	19,000	38,000	36,000	106,000
Psychology	921,000	65,000	157,000	138,000	56,000	175,000	46,000	65,000	57,000	163,000
Sociology/anthropology	676,000	42,000	113,000	86,000	40,000	128,000	26,000	34,000	59,000	147,000
Other social sciences	326,000	17,000	44,000	47,000	28,000	70,000	8,000	21,000	19,000	72,000
Engineering	1,735,000	111,000	216,000	280,000	100,000	303,000	84,000	183,000	117,000	341,000
Aerospace/aeronautical/astronautical engineering	59,000	2,000	4,000	7,000	3,000	13,000	3,000	6,000	5,000	16,000
Chemical engineering	120,000	7,000	18,000	24,000	8,000	17,000	6,000	16,000	8,000	17,000
Civil/architectural engineering	295,000	21,000	34,000	36,000	19,000	59,000	18,000	30,000	21,000	57,000
Electrical/computer engineering	544,000	35,000	67,000	75,000	28,000	90,000	23,000	55,000	40,000	131,000
Industrial engineering	108,000	7,000	12,000	19,000	7,000	23,000	9,000	11,000	5,000	15,000
Mechanical engineering	405,000	28,000	52,000	87,000	21,000	67,000	17,000	44,000	22,000	67,000
Other engineering	203,000	10,000	29,000	34,000	14,000	33,000	8,000	20,000	17,000	37,000
S&E-related fields	2,399,000	150,000	361,000	414,000	201,000	410,000	134,000	251,000	162,000	315,000
Health	1,731,000	109,000	261,000	310,000	140,000	294,000	105,000	168,000	124,000	219,000
Science/mathematics teacher education	159,000	11,000	27,000	28,000	16,000	24,000	6,000	31,000	6,000	10,000
Technology/technical fields	275,000	17,000	32,000	45,000	29,000	39,000	16,000	32,000	18,000	46,000
Other S&E-related fields	234,000	13,000	41,000	31,000	16,000	53,000	6,000	20,000	15,000	40,000

TABLE 15. Employed U.S. scientists and engineers, by level and field of highest degree and geographic division of employment: 2006

Level and field of highest degree	Employed scientists and engineers	Geographic division of employment								
		New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
Non-S&E fields	1,071,000	73,000	124,000	167,000	90,000	196,000	44,000	109,000	75,000	193,000
Arts/humanities	219,000	16,000	28,000	33,000	15,000	43,000	7,000	15,000	14,000	48,000
Education, except science/mathematics teacher education	182,000	11,000	25,000	24,000	20,000	24,000	8,000	30,000	15,000	24,000
Management/administration	411,000	25,000	39,000	66,000	33,000	84,000	17,000	45,000	24,000	78,000
Sales/marketing	52,000	3,000	7,000	13,000	3,000	8,000	S	6,000	6,000	4,000
Social services/related	35,000	3,000	5,000	S	2,000	8,000	S	S	S	9,000
Other non-S&E fields	172,000	14,000	20,000	29,000	16,000	28,000	10,000	11,000	13,000	30,000
Master's degrees	5,384,000	414,000	882,000	808,000	334,000	1,026,000	226,000	431,000	359,000	903,000
S&E fields	2,022,000	163,000	320,000	266,000	99,000	392,000	65,000	177,000	140,000	401,000
Sciences	1,447,000	118,000	238,000	183,000	74,000	293,000	47,000	124,000	101,000	269,000
Biological/agricultural/environmental life sciences	210,000	17,000	29,000	32,000	11,000	41,000	8,000	19,000	14,000	40,000
Agricultural sciences	29,000	S	3,000	5,000	3,000	4,000	3,000	3,000	5,000	3,000
Biological sciences	148,000	12,000	24,000	22,000	7,000	29,000	4,000	14,000	7,000	29,000
Environmental life sciences	33,000	4,000	3,000	5,000	1,000	8,000	S	2,000	3,000	8,000
Computer/mathematical sciences	411,000	36,000	85,000	49,000	15,000	87,000	10,000	29,000	21,000	78,000
Computer/information sciences	309,000	26,000	64,000	33,000	9,000	67,000	7,000	23,000	17,000	64,000
Mathematics/statistics	102,000	10,000	22,000	16,000	6,000	20,000	3,000	6,000	5,000	15,000
Physical/related sciences	132,000	9,000	19,000	14,000	8,000	23,000	5,000	15,000	17,000	22,000
Chemistry, except biochemistry	43,000	4,000	10,000	6,000	2,000	10,000	1,000	3,000	1,000	6,000
Earth/atmospheric/ocean sciences	50,000	2,000	4,000	4,000	2,000	6,000	3,000	8,000	13,000	7,000
Physics/astronomy	34,000	3,000	5,000	4,000	3,000	7,000	1,000	2,000	3,000	8,000
Other physical sciences	4,000	S	S	S	S	1,000	S	S	S	*
Social/related sciences	694,000	57,000	104,000	88,000	40,000	142,000	25,000	61,000	48,000	129,000
Economics	67,000	9,000	13,000	9,000	3,000	13,000	2,000	5,000	6,000	9,000
Political/related sciences	110,000	11,000	18,000	11,000	5,000	40,000	2,000	6,000	5,000	12,000
Psychology	379,000	28,000	52,000	48,000	25,000	62,000	17,000	35,000	29,000	84,000
Sociology/anthropology	56,000	3,000	8,000	9,000	4,000	9,000	2,000	5,000	6,000	11,000
Other social sciences	81,000	6,000	13,000	11,000	4,000	18,000	2,000	11,000	3,000	12,000
Engineering	575,000	45,000	82,000	83,000	25,000	99,000	18,000	53,000	39,000	132,000
Aerospace/aeronautical/astronautical engineering	18,000	*	1,000	2,000	1,000	5,000	S	2,000	2,000	4,000
Chemical engineering	27,000	1,000	5,000	3,000	1,000	3,000	1,000	7,000	2,000	4,000
Civil/architectural engineering	90,000	5,000	15,000	12,000	6,000	18,000	2,000	8,000	6,000	18,000
Electrical/computer engineering	210,000	20,000	28,000	20,000	7,000	33,000	5,000	17,000	14,000	65,000
Industrial engineering	34,000	2,000	4,000	9,000	1,000	6,000	2,000	3,000	2,000	4,000
Mechanical engineering	84,000	7,000	12,000	18,000	4,000	12,000	2,000	6,000	5,000	19,000
Other engineering	112,000	9,000	16,000	19,000	6,000	21,000	5,000	10,000	8,000	19,000
S&E-related fields	1,012,000	71,000	173,000	159,000	92,000	181,000	43,000	78,000	63,000	153,000
Health	704,000	37,000	118,000	121,000	66,000	125,000	34,000	54,000	47,000	102,000

TABLE 15. Employed U.S. scientists and engineers, by level and field of highest degree and geographic division of employment: 2006

Level and field of highest degree	Employed scientists and engineers	Geographic division of employment								
		New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
Science/mathematics teacher education	168,000	22,000	32,000	25,000	14,000	30,000	6,000	10,000	11,000	18,000
Technology/technical fields	50,000	3,000	8,000	6,000	5,000	8,000	2,000	6,000	S	13,000
Other S&E-related fields	90,000	9,000	15,000	8,000	7,000	18,000	S	9,000	4,000	20,000
Non-S&E fields	2,350,000	180,000	389,000	383,000	144,000	453,000	118,000	176,000	156,000	349,000
Arts/humanities	92,000	9,000	21,000	9,000	2,000	15,000	3,000	8,000	6,000	19,000
Education, except science/mathematics teacher education	681,000	43,000	119,000	112,000	48,000	116,000	49,000	50,000	51,000	92,000
Management/administration	962,000	75,000	144,000	170,000	45,000	198,000	45,000	73,000	61,000	149,000
Sales/marketing	92,000	10,000	17,000	19,000	10,000	12,000	S	7,000	5,000	12,000
Social services/related	276,000	25,000	57,000	41,000	18,000	51,000	16,000	19,000	15,000	33,000
Other non-S&E fields	248,000	17,000	30,000	32,000	21,000	61,000	5,000	20,000	19,000	43,000
Doctorate degrees	883,000	76,000	140,000	115,000	50,000	167,000	33,000	71,000	61,000	167,000
S&E fields	699,000	61,000	113,000	91,000	39,000	131,000	25,000	54,000	48,000	138,000
Sciences	573,000	51,000	95,000	73,000	33,000	113,000	21,000	42,000	38,000	107,000
Biological/agricultural/environmental life sciences	195,000	19,000	29,000	22,000	13,000	40,000	8,000	16,000	12,000	36,000
Agricultural sciences	19,000	*	2,000	2,000	3,000	4,000	1,000	2,000	2,000	3,000
Biological sciences	169,000	18,000	27,000	19,000	9,000	36,000	6,000	13,000	9,000	32,000
Environmental life sciences	6,000	*	*	1,000	*	1,000	*	1,000	1,000	1,000
Computer/mathematical sciences	52,000	3,000	11,000	7,000	2,000	10,000	2,000	3,000	3,000	11,000
Computer/information sciences	19,000	1,000	4,000	2,000	1,000	3,000	*	1,000	1,000	6,000
Mathematics/statistics	33,000	2,000	7,000	5,000	1,000	7,000	1,000	2,000	2,000	5,000
Physical/related sciences	137,000	12,000	23,000	17,000	7,000	24,000	5,000	10,000	11,000	29,000
Chemistry, except biochemistry	71,000	7,000	13,000	11,000	4,000	11,000	2,000	5,000	4,000	13,000
Earth/atmospheric/ocean sciences	18,000	1,000	1,000	1,000	1,000	3,000	1,000	2,000	2,000	4,000
Physics/astronomy	47,000	4,000	8,000	6,000	1,000	9,000	1,000	3,000	4,000	11,000
Other physical sciences	3,000	*	*	S	S	1,000	S	*	*	1,000
Social/related sciences	188,000	17,000	33,000	26,000	11,000	39,000	7,000	13,000	12,000	31,000
Economics	23,000	2,000	4,000	3,000	1,000	7,000	1,000	1,000	1,000	3,000
Political/related sciences	19,000	2,000	3,000	3,000	1,000	5,000	1,000	1,000	1,000	3,000
Psychology	102,000	9,000	18,000	14,000	6,000	19,000	4,000	7,000	7,000	18,000
Sociology/anthropology	27,000	2,000	5,000	4,000	1,000	5,000	1,000	2,000	2,000	4,000
Other social sciences	17,000	2,000	3,000	3,000	1,000	3,000	*	1,000	1,000	3,000
Engineering	127,000	10,000	17,000	18,000	6,000	18,000	5,000	12,000	10,000	31,000
Aerospace/aeronautical/astronautical engineering	6,000	*	1,000	1,000	*	1,000	*	*	*	2,000
Chemical engineering	17,000	1,000	2,000	2,000	1,000	2,000	1,000	3,000	1,000	3,000
Civil/architectural engineering	11,000	1,000	2,000	1,000	1,000	2,000	*	1,000	1,000	2,000
Electrical/computer engineering	37,000	3,000	5,000	4,000	1,000	5,000	1,000	3,000	3,000	13,000
Industrial engineering	3,000	S	*	1,000	*	*	S	*	*	1,000
Mechanical engineering	17,000	1,000	2,000	3,000	1,000	2,000	1,000	2,000	1,000	4,000

TABLE 15. Employed U.S. scientists and engineers, by level and field of highest degree and geographic division of employment: 2006

Level and field of highest degree	Employed scientists and engineers	Geographic division of employment								
		New England	Middle Atlantic	East North Central	West North Central	South Atlantic	East South Central	West South Central	Mountain	Pacific
Other engineering	35,000	2,000	6,000	6,000	2,000	5,000	2,000	3,000	3,000	7,000
S&E-related fields	57,000	5,000	10,000	7,000	3,000	11,000	2,000	7,000	3,000	8,000
Health	41,000	3,000	9,000	5,000	2,000	9,000	2,000	4,000	2,000	6,000
Science/mathematics teacher education	8,000	S	1,000	2,000	S	2,000	S	S	S	S
Technology/technical fields	3,000	S	S	S	S	S	S	S	S	1,000
Other S&E-related fields	4,000	S	S	S	S	S	S	S	S	1,000
Non-S&E fields	127,000	10,000	18,000	18,000	8,000	26,000	6,000	10,000	11,000	21,000
Arts/humanities	18,000	1,000	3,000	3,000	1,000	3,000	S	1,000	S	4,000
Education, except science/mathematics teacher education	57,000	3,000	9,000	7,000	4,000	11,000	2,000	7,000	5,000	10,000
Management/administration	15,000	2,000	3,000	2,000	S	3,000	S	S	S	3,000
Sales/marketing	2,000	S	S	S	S	S	S	S	S	S
Social services/related	19,000	2,000	2,000	4,000	1,000	3,000	S	1,000	2,000	2,000
Other non-S&E fields	17,000	S	1,000	2,000	S	6,000	S	S	2,000	2,000

* = estimate < 500; S = suppressed for reliability or confidentiality.

S&E = science and engineering.

[a] Total includes professional degrees not broken out separately.

NOTES: Scientists and engineers include any person who has ever received a bachelor's or higher degree in a science or engineering (S&E) or S&E-related field through 2005, plus any person holding a non-S&E bachelor's or higher degree who was employed in a S&E or S&E-related occupation in 2003. See http://sestat.nsf.gov/docs/ed03maj.html for a detailed description of the educational field classification. See http://sestat.nsf.gov/docs/location.html for details on states included in each division. Numbers are rounded to the nearest thousand. Detail may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2006.