

TABLE 19. Employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
All degree levels and occupations ^a	18,927,000	2,969,000	3,011,000	3,011,000	2,428,000	2,397,000	2,056,000	1,649,000	1,406,000
Male	10,683,000	1,376,000	1,527,000	1,678,000	1,375,000	1,410,000	1,204,000	1,108,000	1,005,000
Female	8,244,000	1,593,000	1,484,000	1,332,000	1,054,000	987,000	852,000	541,000	401,000
S&E occupations	5,024,000	855,000	890,000	900,000	711,000	633,000	445,000	341,000	248,000
Male	3,714,000	582,000	613,000	667,000	531,000	485,000	339,000	280,000	217,000
Female	1,310,000	273,000	277,000	233,000	179,000	148,000	107,000	61,000	32,000
Scientists	3,403,000	582,000	633,000	633,000	493,000	422,000	294,000	211,000	135,000
Male	2,281,000	359,000	398,000	432,000	341,000	294,000	198,000	154,000	105,000
Female	1,122,000	223,000	235,000	202,000	152,000	128,000	96,000	57,000	30,000
Biological/agricultural/other life scientists	487,000	104,000	97,000	68,000	56,000	63,000	42,000	36,000	21,000
Male	274,000	48,000	44,000	40,000	33,000	39,000	27,000	26,000	17,000
Female	213,000	56,000	54,000	28,000	23,000	24,000	15,000	10,000	4,000
Agricultural/food scientists	57,000	8,000	9,000	5,000	6,000	11,000	8,000	8,000	2,000
Male	38,000	5,000	5,000	3,000	4,000	8,000	6,000	6,000	2,000
Female	18,000	4,000	4,000	1,000	1,000	3,000	2,000	2,000	S
Biological/medical scientists	336,000	79,000	75,000	51,000	39,000	38,000	24,000	16,000	13,000
Male	170,000	34,000	32,000	30,000	22,000	20,000	13,000	9,000	9,000
Female	166,000	45,000	43,000	21,000	18,000	18,000	11,000	7,000	3,000
Environmental life scientists	35,000	5,000	3,000	3,000	3,000	7,000	5,000	6,000	2,000
Male	30,000	4,000	3,000	2,000	2,000	7,000	5,000	6,000	2,000
Female	5,000	1,000	1,000	1,000	S	1,000	S	S	S
Postsecondary teachers-life/related sciences	60,000	12,000	10,000	9,000	8,000	6,000	5,000	6,000	4,000
Male	36,000	6,000	5,000	5,000	5,000	4,000	3,000	5,000	4,000
Female	24,000	6,000	5,000	4,000	3,000	2,000	1,000	1,000	*
Computer/mathematical scientists	2,112,000	305,000	389,000	442,000	347,000	273,000	173,000	116,000	67,000
Male	1,553,000	229,000	281,000	328,000	259,000	197,000	123,000	83,000	52,000
Female	560,000	75,000	108,000	115,000	88,000	76,000	50,000	33,000	15,000
Computer/information scientists	1,938,000	266,000	355,000	418,000	326,000	258,000	158,000	102,000	55,000
Male	1,444,000	208,000	260,000	313,000	246,000	190,000	113,000	71,000	43,000
Female	494,000	58,000	95,000	104,000	80,000	68,000	45,000	31,000	12,000
Mathematical scientists	85,000	19,000	17,000	11,000	11,000	8,000	7,000	6,000	4,000
Male	52,000	10,000	10,000	8,000	7,000	3,000	5,000	6,000	3,000
Female	32,000	10,000	6,000	4,000	4,000	5,000	2,000	1,000	S
Postsecondary teachers-computer/mathematical sciences	90,000	20,000	17,000	14,000	9,000	7,000	8,000	8,000	8,000
Male	57,000	12,000	10,000	7,000	6,000	4,000	5,000	6,000	7,000
Female	33,000	8,000	7,000	6,000	4,000	2,000	3,000	2,000	1,000
Physical/related scientists	334,000	65,000	57,000	49,000	37,000	41,000	35,000	26,000	24,000
Male	239,000	40,000	37,000	32,000	27,000	33,000	26,000	23,000	21,000
Female	95,000	25,000	21,000	17,000	9,000	7,000	9,000	3,000	3,000
Chemists, except biochemists	134,000	26,000	25,000	23,000	13,000	17,000	11,000	10,000	9,000
Male	86,000	15,000	13,000	13,000	7,000	15,000	8,000	9,000	7,000
Female	47,000	11,000	12,000	10,000	6,000	2,000	3,000	2,000	2,000
Earth/atmospheric/ocean scientists	80,000	12,000	14,000	12,000	10,000	11,000	11,000	6,000	5,000
Male	64,000	8,000	11,000	9,000	9,000	9,000	8,000	6,000	4,000
Female	16,000	4,000	3,000	2,000	1,000	2,000	2,000	*	S

TABLE 19. Employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Physicists/astronomers	29,000	9,000	5,000	4,000	2,000	2,000	2,000	2,000	3,000
Male	25,000	7,000	4,000	3,000	2,000	2,000	2,000	2,000	2,000
Female	4,000	2,000	1,000	1,000	S	*	*	S	S
Postsecondary teachers-physical/related scientists	52,000	11,000	9,000	6,000	6,000	6,000	4,000	4,000	6,000
Male	37,000	6,000	6,000	4,000	4,000	5,000	2,000	3,000	6,000
Female	15,000	5,000	3,000	2,000	2,000	1,000	1,000	*	*
Other physical/related scientists	39,000	7,000	6,000	5,000	6,000	4,000	8,000	4,000	1,000
Male	27,000	4,000	3,000	3,000	5,000	3,000	5,000	3,000	1,000
Female	12,000	3,000	3,000	3,000	1,000	1,000	2,000	S	S
Social/related scientists	470,000	108,000	89,000	74,000	53,000	46,000	44,000	33,000	23,000
Male	215,000	42,000	37,000	31,000	22,000	25,000	22,000	22,000	15,000
Female	255,000	67,000	52,000	42,000	31,000	21,000	22,000	11,000	8,000
Economists	33,000	6,000	7,000	6,000	4,000	3,000	2,000	3,000	1,000
Male	21,000	3,000	4,000	3,000	3,000	2,000	2,000	3,000	1,000
Female	12,000	3,000	3,000	3,000	1,000	1,000	S	S	S
Political/related scientists	20,000	6,000	6,000	4,000	S	2,000	1,000	1,000	1,000
Male	9,000	2,000	2,000	2,000	S	1,000	1,000	1,000	*
Female	11,000	4,000	4,000	2,000	S	S	S	S	S
Postsecondary teachers-social/related sciences	115,000	29,000	22,000	15,000	14,000	9,000	10,000	9,000	6,000
Male	62,000	13,000	10,000	7,000	7,000	6,000	7,000	6,000	5,000
Female	54,000	17,000	12,000	8,000	8,000	3,000	3,000	2,000	1,000
Psychologists	177,000	38,000	29,000	27,000	23,000	21,000	19,000	13,000	7,000
Male	59,000	12,000	8,000	6,000	6,000	8,000	9,000	6,000	4,000
Female	118,000	26,000	22,000	21,000	17,000	12,000	10,000	7,000	3,000
Sociologists/anthropologists	21,000	8,000	5,000	1,000	2,000	2,000	1,000	1,000	1,000
Male	11,000	4,000	3,000	*	2,000	1,000	*	1,000	*
Female	10,000	4,000	2,000	1,000	*	1,000	1,000	S	S
Other social/related scientists	103,000	21,000	20,000	20,000	9,000	10,000	10,000	7,000	7,000
Male	53,000	8,000	10,000	12,000	4,000	6,000	3,000	5,000	4,000
Female	51,000	13,000	10,000	7,000	5,000	4,000	7,000	2,000	3,000
Engineers	1,621,000	273,000	257,000	267,000	218,000	211,000	152,000	130,000	113,000
Male	1,433,000	223,000	215,000	236,000	190,000	191,000	141,000	126,000	112,000
Female	187,000	50,000	42,000	31,000	28,000	20,000	11,000	4,000	2,000
Aerospace/aeronautical/astronautical engineers	96,000	16,000	11,000	14,000	16,000	14,000	9,000	7,000	9,000
Male	88,000	13,000	10,000	13,000	14,000	14,000	9,000	7,000	9,000
Female	8,000	2,000	1,000	2,000	2,000	1,000	1,000	S	S
Chemical engineers	80,000	14,000	10,000	15,000	12,000	9,000	8,000	7,000	5,000
Male	62,000	10,000	7,000	11,000	8,000	8,000	7,000	7,000	4,000
Female	18,000	4,000	3,000	4,000	4,000	2,000	1,000	S	S
Civil/architectural/sanitary engineers	266,000	42,000	46,000	47,000	26,000	32,000	24,000	24,000	25,000
Male	229,000	33,000	37,000	39,000	23,000	27,000	21,000	23,000	25,000
Female	38,000	9,000	9,000	7,000	4,000	4,000	3,000	S	S
Electrical/computer hardware engineers	395,000	66,000	64,000	66,000	58,000	59,000	35,000	27,000	20,000

TABLE 19. Employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Male	361,000	58,000	56,000	60,000	52,000	54,000	34,000	26,000	20,000
Female	34,000	8,000	8,000	5,000	6,000	4,000	1,000	1,000	S
Industrial engineers	93,000	17,000	17,000	17,000	14,000	10,000	8,000	7,000	4,000
Male	81,000	13,000	15,000	15,000	12,000	8,000	7,000	6,000	4,000
Female	12,000	4,000	2,000	2,000	1,000	2,000	S	S	S
Mechanical engineers	305,000	56,000	49,000	50,000	44,000	36,000	27,000	22,000	22,000
Male	284,000	50,000	44,000	47,000	41,000	34,000	26,000	21,000	22,000
Female	21,000	6,000	5,000	3,000	3,000	2,000	2,000	S	S
Postsecondary teachers-engineering	38,000	8,000	5,000	6,000	4,000	4,000	3,000	3,000	4,000
Male	33,000	6,000	4,000	5,000	3,000	4,000	3,000	3,000	4,000
Female	5,000	2,000	1,000	1,000	*	*	S	S	S
Other engineers	348,000	54,000	55,000	53,000	45,000	47,000	37,000	33,000	24,000
Male	296,000	39,000	43,000	45,000	37,000	42,000	34,000	32,000	24,000
Female	52,000	15,000	12,000	9,000	8,000	5,000	3,000	S	S
S&E-related occupations	5,246,000	761,000	868,000	831,000	682,000	692,000	614,000	427,000	371,000
Male	2,260,000	242,000	311,000	338,000	295,000	319,000	286,000	233,000	236,000
Female	2,986,000	519,000	557,000	493,000	387,000	372,000	328,000	194,000	136,000
Health-related occupations	3,625,000	551,000	607,000	561,000	456,000	480,000	435,000	279,000	257,000
Male	1,250,000	130,000	162,000	168,000	149,000	182,000	171,000	133,000	155,000
Female	2,376,000	421,000	445,000	393,000	307,000	297,000	264,000	146,000	101,000
S&E managers	382,000	28,000	52,000	61,000	66,000	66,000	51,000	32,000	26,000
Male	268,000	16,000	34,000	40,000	48,000	48,000	39,000	25,000	19,000
Female	114,000	13,000	18,000	21,000	18,000	18,000	13,000	7,000	7,000
S&E precollege teachers	644,000	124,000	124,000	106,000	74,000	59,000	60,000	58,000	39,000
Male	303,000	62,000	60,000	54,000	27,000	25,000	26,000	28,000	21,000
Female	341,000	62,000	64,000	52,000	47,000	34,000	34,000	30,000	18,000
S&E technicians/technologists	371,000	52,000	56,000	53,000	54,000	59,000	40,000	35,000	22,000
Male	267,000	30,000	39,000	38,000	45,000	44,000	31,000	26,000	15,000
Female	104,000	22,000	18,000	15,000	9,000	15,000	9,000	9,000	7,000
Other S&E-related occupations	224,000	6,000	30,000	50,000	31,000	28,000	27,000	24,000	28,000
Male	171,000	5,000	16,000	38,000	26,000	20,000	19,000	22,000	26,000
Female	52,000	2,000	13,000	11,000	6,000	8,000	8,000	2,000	3,000
Non-S&E occupations	8,657,000	1,353,000	1,253,000	1,279,000	1,036,000	1,072,000	997,000	881,000	786,000
Male	4,709,000	553,000	603,000	673,000	548,000	606,000	580,000	595,000	552,000
Female	3,948,000	800,000	650,000	606,000	487,000	467,000	418,000	287,000	234,000
Art/humanities/related occupations	262,000	36,000	35,000	39,000	35,000	28,000	31,000	31,000	27,000
Male	125,000	13,000	18,000	17,000	14,000	13,000	17,000	14,000	18,000
Female	138,000	23,000	17,000	22,000	21,000	15,000	14,000	17,000	9,000
Management-related occupations	1,361,000	207,000	217,000	218,000	169,000	168,000	149,000	124,000	108,000
Male	768,000	102,000	114,000	106,000	95,000	98,000	92,000	79,000	80,000
Female	592,000	105,000	103,000	111,000	74,000	70,000	56,000	45,000	28,000
Non-S&E managers	1,118,000	66,000	109,000	156,000	181,000	191,000	159,000	139,000	118,000
Male	845,000	42,000	70,000	109,000	137,000	140,000	124,000	120,000	104,000
Female	273,000	24,000	40,000	47,000	44,000	51,000	35,000	19,000	14,000
Non-S&E postsecondary teachers	141,000	36,000	28,000	14,000	13,000	13,000	15,000	14,000	8,000
Male	74,000	16,000	18,000	7,000	5,000	7,000	9,000	8,000	5,000
Female	67,000	20,000	11,000	7,000	7,000	6,000	7,000	6,000	3,000

TABLE 19. Employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Non-S&E precollege/other teachers	724,000	160,000	106,000	103,000	92,000	86,000	85,000	50,000	43,000
Male	154,000	39,000	25,000	24,000	11,000	11,000	21,000	13,000	10,000
Female	570,000	121,000	81,000	78,000	81,000	75,000	64,000	36,000	33,000
Sales/marketing occupations	1,435,000	178,000	207,000	229,000	138,000	175,000	146,000	179,000	183,000
Male	923,000	89,000	120,000	135,000	81,000	129,000	92,000	137,000	140,000
Female	513,000	89,000	86,000	94,000	57,000	47,000	54,000	41,000	43,000
Social services/related occupations	714,000	163,000	152,000	120,000	84,000	68,000	57,000	45,000	25,000
Male	222,000	40,000	38,000	37,000	29,000	24,000	23,000	19,000	13,000
Female	492,000	124,000	114,000	83,000	54,000	44,000	35,000	26,000	12,000
Other non-S&E occupations	2,902,000	507,000	398,000	399,000	324,000	343,000	355,000	300,000	274,000
Male	1,599,000	212,000	200,000	237,000	176,000	185,000	203,000	203,000	183,000
Female	1,303,000	295,000	198,000	163,000	148,000	158,000	153,000	97,000	92,000
Bachelor's degrees, all occupations	10,886,000	1,571,000	1,588,000	1,734,000	1,405,000	1,417,000	1,221,000	1,040,000	909,000
Male	6,007,000	710,000	798,000	984,000	787,000	810,000	672,000	648,000	599,000
Female	4,878,000	861,000	791,000	750,000	618,000	607,000	549,000	392,000	310,000
S&E occupations	2,911,000	431,000	490,000	536,000	424,000	401,000	276,000	201,000	153,000
Male	2,221,000	306,000	354,000	416,000	326,000	313,000	208,000	165,000	133,000
Female	690,000	125,000	136,000	120,000	97,000	88,000	69,000	36,000	20,000
Scientists	1,865,000	285,000	340,000	361,000	277,000	251,000	168,000	111,000	72,000
Male	1,292,000	190,000	228,000	260,000	198,000	178,000	107,000	78,000	53,000
Female	572,000	95,000	112,000	102,000	78,000	73,000	61,000	32,000	19,000
Biological/agricultural/other life scientists	203,000	45,000	46,000	21,000	20,000	26,000	19,000	17,000	9,000
Male	100,000	20,000	17,000	13,000	8,000	15,000	9,000	12,000	7,000
Female	103,000	25,000	28,000	9,000	12,000	12,000	9,000	6,000	2,000
Agricultural/food scientists	32,000	4,000	4,000	2,000	2,000	6,000	6,000	5,000	2,000
Male	20,000	2,000	2,000	1,000	2,000	4,000	3,000	4,000	2,000
Female	12,000	2,000	3,000	S	S	3,000	2,000	S	S
Biological/medical scientists	137,000	32,000	38,000	17,000	14,000	13,000	10,000	8,000	5,000
Male	56,000	13,000	13,000	10,000	5,000	5,000	3,000	3,000	4,000
Female	81,000	20,000	24,000	7,000	10,000	8,000	7,000	4,000	2,000
Environmental life scientists	22,000	3,000	1,000	2,000	2,000	5,000	3,000	4,000	1,000
Male	19,000	2,000	1,000	1,000	1,000	5,000	3,000	4,000	1,000
Female	3,000	*	S	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	13,000	6,000	2,000	S	S	S	S	S	S
Male	5,000	2,000	S	S	S	S	S	S	S
Female	7,000	4,000	S	S	S	S	S	S	S
Computer/mathematical scientists	1,394,000	173,000	243,000	297,000	233,000	199,000	123,000	77,000	50,000
Male	1,038,000	137,000	182,000	224,000	176,000	144,000	83,000	53,000	38,000
Female	357,000	36,000	61,000	73,000	57,000	55,000	39,000	24,000	12,000
Computer/information scientists	1,345,000	161,000	231,000	293,000	228,000	196,000	118,000	73,000	46,000
Male	1,008,000	130,000	173,000	222,000	173,000	143,000	81,000	50,000	36,000
Female	338,000	31,000	57,000	71,000	55,000	53,000	37,000	23,000	10,000
Mathematical scientists	32,000	7,000	7,000	3,000	4,000	3,000	3,000	2,000	3,000
Male	20,000	4,000	5,000	S	3,000	1,000	2,000	2,000	S
Female	13,000	3,000	2,000	S	S	1,000	1,000	S	S

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		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Postsecondary teachers-computer/mathematical sciences	17,000	5,000	5,000	2,000	S	S	1,000	2,000	S
Male	11,000	3,000	S	1,000	S	S	S	S	S
Female	6,000	2,000	1,000	S	S	S	S	S	S
Physical/related scientists	159,000	33,000	28,000	25,000	14,000	20,000	18,000	11,000	9,000
Male	106,000	20,000	17,000	15,000	10,000	16,000	12,000	10,000	6,000
Female	53,000	14,000	11,000	10,000	4,000	4,000	7,000	1,000	2,000
Chemists, except biochemists	79,000	15,000	16,000	13,000	7,000	11,000	6,000	5,000	6,000
Male	48,000	8,000	8,000	7,000	4,000	10,000	4,000	4,000	4,000
Female	31,000	7,000	8,000	6,000	3,000	2,000	2,000	1,000	2,000
Earth/atmospheric/ocean scientists	39,000	6,000	7,000	7,000	5,000	5,000	5,000	3,000	2,000
Male	31,000	4,000	5,000	6,000	4,000	3,000	4,000	3,000	1,000
Female	8,000	2,000	1,000	S	S	2,000	1,000	S	S
Physicists/astronomers	6,000	3,000	1,000	S	S	S	S	S	S
Male	5,000	2,000	1,000	S	S	S	S	S	S
Female	1,000	1,000	S	S	S	S	S	S	S
Postsecondary teachers-physical/related sciences	9,000	6,000	1,000	S	S	S	S	S	S
Male	5,000	3,000	1,000	S	S	S	S	S	S
Female	4,000	3,000	S	S	S	S	S	S	S
Other physical/related scientists	25,000	4,000	4,000	4,000	2,000	2,000	6,000	S	S
Male	17,000	3,000	2,000	S	2,000	2,000	4,000	S	S
Female	8,000	2,000	2,000	2,000	S	S	2,000	S	S
Social/related scientists	108,000	33,000	23,000	17,000	9,000	6,000	8,000	5,000	5,000
Male	48,000	13,000	12,000	8,000	3,000	3,000	3,000	4,000	2,000
Female	60,000	20,000	12,000	9,000	6,000	3,000	6,000	S	3,000
Economists	9,000	3,000	2,000	S	1,000	S	S	S	S
Male	5,000	1,000	S	S	S	S	S	S	S
Female	4,000	2,000	S	S	S	S	S	S	S
Political/related scientists	10,000	3,000	4,000	S	S	S	S	S	S
Male	3,000	S	S	S	S	S	S	S	S
Female	7,000	2,000	S	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	13,000	6,000	3,000	S	S	S	S	S	S
Male	4,000	3,000	S	S	S	S	S	S	S
Female	9,000	3,000	S	S	S	S	S	S	S
Psychologists	19,000	8,000	4,000	S	2,000	S	S	S	S
Male	5,000	2,000	S	S	S	S	S	S	S
Female	14,000	6,000	2,000	S	2,000	S	S	S	S
Sociologists/anthropologists	8,000	5,000	S	S	S	S	S	S	S
Male	5,000	3,000	S	S	S	S	S	S	S
Female	3,000	2,000	S	S	S	S	S	S	S
Other social/related scientists	50,000	8,000	8,000	12,000	4,000	5,000	6,000	3,000	4,000
Male	27,000	3,000	5,000	8,000	2,000	2,000	2,000	2,000	1,000
Female	24,000	5,000	4,000	4,000	1,000	3,000	5,000	S	S
Engineers	1,046,000	146,000	149,000	175,000	147,000	150,000	108,000	90,000	80,000

TABLE 19. Employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Male	928,000	116,000	126,000	157,000	128,000	135,000	101,000	87,000	80,000
Female	118,000	30,000	24,000	19,000	19,000	15,000	8,000	3,000	1,000
Aerospace/aeronautical/astronautical engineers	57,000	8,000	5,000	8,000	9,000	10,000	6,000	5,000	6,000
Male	52,000	6,000	5,000	7,000	8,000	9,000	6,000	5,000	6,000
Female	5,000	2,000	1,000	S	1,000	S	S	S	S
Chemical engineers	51,000	8,000	7,000	10,000	7,000	7,000	5,000	4,000	3,000
Male	37,000	5,000	5,000	7,000	4,000	6,000	4,000	4,000	3,000
Female	14,000	3,000	2,000	3,000	3,000	1,000	1,000	S	S
Civil/architectural/sanitary engineers	185,000	27,000	31,000	32,000	18,000	23,000	17,000	18,000	18,000
Male	161,000	22,000	25,000	27,000	16,000	21,000	15,000	17,000	18,000
Female	25,000	5,000	6,000	5,000	3,000	3,000	2,000	S	S
Electrical/computer hardware engineers	242,000	32,000	34,000	41,000	39,000	40,000	24,000	18,000	14,000
Male	224,000	28,000	30,000	38,000	35,000	36,000	24,000	18,000	14,000
Female	18,000	4,000	3,000	2,000	3,000	4,000	S	S	S
Industrial engineers	65,000	9,000	11,000	14,000	10,000	8,000	7,000	4,000	3,000
Male	57,000	6,000	10,000	12,000	9,000	7,000	6,000	4,000	3,000
Female	8,000	3,000	1,000	1,000	1,000	2,000	S	S	S
Mechanical engineers	211,000	30,000	30,000	35,000	32,000	28,000	22,000	16,000	17,000
Male	197,000	27,000	26,000	34,000	30,000	27,000	21,000	15,000	17,000
Female	14,000	3,000	3,000	2,000	3,000	1,000	1,000	S	S
Postsecondary teachers-engineering	8,000	3,000	S	S	S	S	S	S	1,000
Male	7,000	2,000	S	S	S	S	S	S	1,000
Female	1,000	1,000	S	S	S	S	S	S	S
Other engineers	227,000	28,000	32,000	35,000	31,000	33,000	27,000	24,000	17,000
Male	194,000	19,000	25,000	30,000	26,000	29,000	24,000	23,000	17,000
Female	33,000	9,000	7,000	5,000	5,000	3,000	3,000	S	S
S&E-related occupations	2,810,000	361,000	433,000	454,000	378,000	380,000	343,000	255,000	206,000
Male	980,000	91,000	128,000	162,000	139,000	135,000	124,000	106,000	95,000
Female	1,830,000	270,000	305,000	292,000	239,000	245,000	219,000	149,000	111,000
Health-related occupations	1,865,000	275,000	302,000	307,000	230,000	245,000	232,000	156,000	118,000
Male	371,000	46,000	50,000	64,000	37,000	46,000	52,000	40,000	36,000
Female	1,494,000	229,000	252,000	243,000	192,000	199,000	179,000	116,000	82,000
S&E managers	199,000	7,000	20,000	25,000	39,000	40,000	29,000	21,000	19,000
Male	144,000	4,000	14,000	17,000	29,000	28,000	22,000	16,000	13,000
Female	55,000	3,000	6,000	8,000	9,000	11,000	7,000	4,000	6,000
S&E precollege teachers	283,000	38,000	51,000	44,000	40,000	24,000	30,000	30,000	28,000
Male	122,000	19,000	23,000	23,000	14,000	8,000	13,000	10,000	12,000
Female	161,000	19,000	27,000	20,000	26,000	16,000	18,000	20,000	15,000
S&E technicians/technologists	306,000	37,000	44,000	44,000	46,000	52,000	32,000	30,000	20,000
Male	222,000	21,000	31,000	31,000	39,000	38,000	24,000	23,000	15,000
Female	85,000	17,000	13,000	13,000	7,000	14,000	8,000	7,000	5,000
Other S&E-related occupations	156,000	3,000	17,000	34,000	24,000	20,000	19,000	18,000	21,000
Male	121,000	2,000	10,000	27,000	19,000	14,000	13,000	17,000	19,000
Female	35,000	1,000	7,000	7,000	5,000	5,000	6,000	S	S
Non-S&E occupations	5,165,000	779,000	665,000	744,000	603,000	635,000	602,000	585,000	551,000
Male	2,807,000	313,000	316,000	406,000	322,000	361,000	340,000	377,000	371,000
Female	2,358,000	466,000	350,000	338,000	281,000	274,000	262,000	208,000	179,000

TABLE 19. Employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Art/humanities/related occupations	165,000	18,000	22,000	24,000	24,000	20,000	19,000	22,000	15,000
Male	77,000	7,000	12,000	11,000	10,000	9,000	10,000	9,000	9,000
Female	89,000	11,000	11,000	13,000	14,000	12,000	9,000	13,000	6,000
Management-related occupations	816,000	110,000	119,000	136,000	101,000	94,000	98,000	88,000	69,000
Male	445,000	54,000	59,000	66,000	54,000	52,000	59,000	53,000	48,000
Female	371,000	56,000	60,000	70,000	47,000	42,000	39,000	35,000	21,000
Non-S&E managers	528,000	19,000	24,000	69,000	86,000	104,000	75,000	76,000	76,000
Male	410,000	12,000	17,000	48,000	67,000	77,000	60,000	64,000	65,000
Female	118,000	8,000	7,000	22,000	19,000	26,000	14,000	12,000	11,000
Non-S&E postsecondary teachers	29,000	9,000	5,000	S	3,000	S	5,000	S	2,000
Male	11,000	3,000	3,000	S	S	S	S	S	S
Female	17,000	5,000	2,000	S	S	S	4,000	S	S
Non-S&E precollege/other teachers	360,000	66,000	43,000	46,000	54,000	50,000	43,000	29,000	29,000
Male	67,000	13,000	12,000	13,000	4,000	5,000	9,000	5,000	5,000
Female	292,000	53,000	31,000	32,000	50,000	44,000	34,000	24,000	24,000
Sales/marketing occupations	1,080,000	131,000	148,000	169,000	109,000	132,000	106,000	140,000	146,000
Male	690,000	62,000	83,000	100,000	67,000	97,000	66,000	104,000	109,000
Female	391,000	69,000	64,000	69,000	42,000	34,000	40,000	36,000	37,000
Social services/related occupations	271,000	79,000	56,000	43,000	21,000	24,000	21,000	19,000	8,000
Male	84,000	21,000	13,000	14,000	8,000	9,000	7,000	7,000	5,000
Female	187,000	58,000	43,000	28,000	13,000	15,000	14,000	12,000	3,000
Other non-S&E occupations	1,915,000	347,000	248,000	256,000	204,000	210,000	236,000	208,000	206,000
Male	1,024,000	141,000	117,000	154,000	111,000	110,000	128,000	132,000	130,000
Female	892,000	206,000	131,000	102,000	94,000	100,000	107,000	76,000	76,000
Master's degrees, all occupations	5,384,000	1,073,000	1,019,000	885,000	678,000	600,000	505,000	372,000	252,000
Male	2,878,000	501,000	494,000	456,000	363,000	338,000	288,000	253,000	185,000
Female	2,506,000	572,000	525,000	429,000	315,000	262,000	217,000	119,000	66,000
S&E occupations	1,497,000	323,000	286,000	260,000	206,000	161,000	112,000	93,000	55,000
Male	1,061,000	216,000	187,000	183,000	149,000	119,000	86,000	74,000	47,000
Female	437,000	108,000	99,000	78,000	58,000	43,000	26,000	19,000	8,000
Scientists	1,023,000	214,000	198,000	186,000	148,000	110,000	76,000	61,000	30,000
Male	647,000	125,000	116,000	118,000	98,000	71,000	53,000	43,000	23,000
Female	377,000	90,000	82,000	68,000	50,000	39,000	23,000	18,000	7,000
Biological/agricultural/other life scientists	113,000	30,000	22,000	15,000	13,000	15,000	9,000	7,000	3,000
Male	60,000	13,000	9,000	8,000	9,000	8,000	7,000	5,000	2,000
Female	53,000	17,000	13,000	7,000	4,000	6,000	2,000	2,000	1,000
Agricultural/food scientists	15,000	3,000	3,000	S	2,000	3,000	S	1,000	S
Male	10,000	2,000	2,000	S	S	3,000	S	S	S
Female	4,000	1,000	1,000	S	S	S	S	S	S
Biological/medical scientists	76,000	22,000	15,000	11,000	9,000	9,000	5,000	3,000	1,000
Male	34,000	8,000	5,000	6,000	6,000	3,000	3,000	2,000	S
Female	42,000	14,000	10,000	5,000	3,000	6,000	2,000	2,000	S
Environmental life scientists	11,000	2,000	2,000	S	S	2,000	S	S	S
Male	10,000	1,000	2,000	S	S	2,000	S	S	S
Female	1,000	*	S	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	11,000	3,000	2,000	2,000	1,000	S	1,000	S	1,000

TABLE 19. Employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Male	5,000	2,000	S	S	1,000	S	S	S	S
Female	6,000	1,000	2,000	S	S	S	S	S	S
Computer/mathematical scientists	627,000	118,000	128,000	129,000	102,000	65,000	42,000	31,000	13,000
Male	443,000	83,000	85,000	91,000	73,000	45,000	33,000	24,000	10,000
Female	184,000	35,000	43,000	38,000	28,000	20,000	9,000	7,000	3,000
Computer/information scientists	546,000	100,000	115,000	115,000	92,000	57,000	35,000	25,000	8,000
Male	397,000	73,000	79,000	83,000	69,000	42,000	28,000	18,000	6,000
Female	149,000	27,000	36,000	32,000	23,000	15,000	7,000	7,000	2,000
Mathematical scientists	39,000	10,000	7,000	7,000	5,000	4,000	3,000	3,000	S
Male	23,000	4,000	4,000	5,000	3,000	1,000	S	3,000	S
Female	16,000	6,000	3,000	2,000	2,000	3,000	S	S	S
Postsecondary teachers-computer/mathematical sciences	42,000	9,000	6,000	8,000	5,000	3,000	4,000	4,000	4,000
Male	23,000	6,000	3,000	3,000	2,000	1,000	2,000	3,000	3,000
Female	19,000	3,000	4,000	5,000	3,000	2,000	2,000	S	1,000
Physical/related scientists	84,000	18,000	13,000	10,000	12,000	10,000	8,000	8,000	6,000
Male	57,000	10,000	7,000	6,000	8,000	8,000	6,000	6,000	5,000
Female	27,000	7,000	6,000	4,000	4,000	2,000	2,000	1,000	S
Chemists, except biochemists	26,000	6,000	4,000	5,000	3,000	3,000	2,000	3,000	1,000
Male	15,000	3,000	2,000	2,000	1,000	2,000	2,000	3,000	1,000
Female	11,000	3,000	2,000	3,000	2,000	S	S	S	S
Earth/atmospheric/ocean scientists	30,000	4,000	5,000	3,000	4,000	4,000	4,000	2,000	2,000
Male	24,000	3,000	4,000	3,000	3,000	4,000	3,000	2,000	2,000
Female	6,000	1,000	1,000	S	S	S	S	S	S
Physicists/astronomers	7,000	3,000	1,000	1,000	S	S	S	S	S
Male	5,000	3,000	1,000	S	S	S	S	S	S
Female	1,000	1,000	S	S	S	S	S	S	S
Postsecondary teachers-physical/related sciences	11,000	2,000	2,000	S	2,000	2,000	S	1,000	2,000
Male	6,000	2,000	1,000	S	S	S	S	S	2,000
Female	5,000	1,000	1,000	S	1,000	S	S	S	S
Other physical/related scientists	10,000	2,000	1,000	1,000	3,000	1,000	S	S	S
Male	7,000	1,000	S	S	3,000	S	S	S	S
Female	3,000	1,000	1,000	S	S	S	S	S	S
Social/related scientists	200,000	49,000	36,000	32,000	21,000	21,000	17,000	16,000	9,000
Male	86,000	19,000	15,000	13,000	8,000	10,000	8,000	8,000	6,000
Female	113,000	30,000	21,000	19,000	13,000	10,000	10,000	7,000	3,000
Economists	17,000	2,000	3,000	5,000	S	2,000	1,000	1,000	1,000
Male	11,000	1,000	2,000	2,000	S	S	S	1,000	S
Female	6,000	1,000	1,000	S	S	S	S	S	S
Political/related scientists	8,000	2,000	1,000	S	S	S	S	S	S
Male	5,000	1,000	S	S	S	S	S	S	S
Female	3,000	2,000	S	S	S	S	S	S	S
Postsecondary teachers-social/related sciences	36,000	12,000	7,000	5,000	3,000	2,000	3,000	3,000	2,000
Male	19,000	5,000	3,000	3,000	1,000	S	2,000	2,000	1,000

TABLE 19. Employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Female	17,000	7,000	4,000	2,000	1,000	1,000	S	S	S
Psychologists	87,000	20,000	13,000	13,000	10,000	10,000	10,000	8,000	3,000
Male	26,000	7,000	3,000	2,000	2,000	3,000	4,000	3,000	1,000
Female	61,000	12,000	10,000	11,000	8,000	7,000	6,000	5,000	2,000
Sociologists/anthropologists	9,000	3,000	2,000	S	S	1,000	S	S	S
Male	4,000	1,000	1,000	S	S	S	S	S	S
Female	5,000	2,000	1,000	S	S	S	S	S	S
Other social/related scientists	43,000	10,000	9,000	6,000	4,000	4,000	3,000	3,000	S
Male	23,000	4,000	5,000	4,000	1,000	S	S	S	S
Female	21,000	6,000	4,000	2,000	3,000	S	S	2,000	S
Engineers	474,000	109,000	88,000	74,000	59,000	52,000	36,000	32,000	25,000
Male	414,000	91,000	71,000	64,000	51,000	48,000	33,000	32,000	24,000
Female	60,000	18,000	16,000	10,000	8,000	4,000	3,000	S	S
Aerospace/aeronautical/astronautical engineers	32,000	7,000	5,000	6,000	5,000	4,000	3,000	2,000	2,000
Male	29,000	6,000	4,000	4,000	5,000	4,000	3,000	2,000	2,000
Female	3,000	1,000	S	S	S	S	S	S	S
Chemical engineers	21,000	5,000	2,000	3,000	4,000	2,000	2,000	2,000	1,000
Male	18,000	4,000	1,000	3,000	3,000	1,000	2,000	2,000	1,000
Female	3,000	1,000	1,000	S	S	S	S	S	S
Civil/architectural/sanitary engineers	75,000	14,000	14,000	13,000	7,000	8,000	7,000	6,000	6,000
Male	63,000	11,000	11,000	11,000	6,000	6,000	6,000	6,000	6,000
Female	12,000	3,000	3,000	2,000	1,000	2,000	S	S	S
Electrical/computer hardware engineers	128,000	28,000	25,000	20,000	17,000	17,000	9,000	7,000	5,000
Male	114,000	24,000	21,000	18,000	14,000	17,000	8,000	7,000	5,000
Female	14,000	4,000	4,000	2,000	3,000	S	S	S	S
Industrial engineers	25,000	8,000	5,000	3,000	4,000	1,000	1,000	2,000	1,000
Male	22,000	6,000	4,000	3,000	4,000	1,000	1,000	2,000	1,000
Female	3,000	1,000	1,000	S	S	S	S	S	S
Mechanical engineers	84,000	23,000	17,000	13,000	10,000	7,000	5,000	5,000	4,000
Male	78,000	21,000	16,000	12,000	10,000	6,000	4,000	5,000	4,000
Female	6,000	2,000	2,000	1,000	S	S	S	S	S
Postsecondary teachers-engineering	9,000	3,000	1,000	S	S	1,000	S	1,000	S
Male	8,000	2,000	1,000	S	S	1,000	S	1,000	S
Female	2,000	1,000	S	S	S	S	S	S	S
Other engineers	99,000	21,000	19,000	15,000	11,000	12,000	9,000	7,000	5,000
Male	82,000	16,000	14,000	12,000	9,000	10,000	8,000	7,000	5,000
Female	17,000	5,000	5,000	3,000	2,000	1,000	S	S	S
S&E-related occupations	1,266,000	285,000	273,000	215,000	144,000	128,000	117,000	66,000	36,000
Male	483,000	95,000	95,000	81,000	53,000	54,000	45,000	35,000	26,000
Female	783,000	191,000	178,000	135,000	91,000	74,000	72,000	31,000	11,000
Health-related occupations	646,000	164,000	150,000	103,000	77,000	60,000	56,000	23,000	13,000
Male	120,000	30,000	28,000	14,000	14,000	13,000	8,000	5,000	7,000
Female	526,000	134,000	122,000	88,000	62,000	47,000	48,000	18,000	6,000
S&E managers	152,000	20,000	28,000	31,000	22,000	21,000	18,000	8,000	4,000
Male	101,000	11,000	18,000	19,000	16,000	16,000	13,000	6,000	3,000
Female	50,000	8,000	11,000	12,000	7,000	5,000	5,000	2,000	S

TABLE 19. Employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
S&E precollege teachers	343,000	85,000	71,000	58,000	30,000	33,000	28,000	26,000	11,000
Male	172,000	43,000	36,000	29,000	11,000	15,000	12,000	17,000	8,000
Female	171,000	42,000	36,000	29,000	19,000	18,000	16,000	9,000	3,000
S&E technicians/technologists	59,000	14,000	12,000	8,000	7,000	6,000	7,000	4,000	2,000
Male	41,000	8,000	7,000	6,000	5,000	5,000	7,000	3,000	S
Female	18,000	5,000	5,000	2,000	2,000	S	S	S	1,000
Other S&E-related occupations	67,000	3,000	12,000	16,000	8,000	8,000	8,000	5,000	7,000
Male	49,000	2,000	6,000	12,000	7,000	5,000	7,000	4,000	7,000
Female	17,000	S	6,000	4,000	S	3,000	S	S	S
Non-S&E occupations	2,621,000	465,000	460,000	410,000	327,000	311,000	276,000	212,000	160,000
Male	1,335,000	190,000	212,000	193,000	162,000	165,000	157,000	143,000	112,000
Female	1,286,000	274,000	248,000	217,000	166,000	146,000	119,000	69,000	48,000
Art/humanities/related occupations	82,000	16,000	11,000	13,000	10,000	7,000	10,000	6,000	9,000
Male	39,000	5,000	5,000	5,000	4,000	4,000	6,000	4,000	6,000
Female	43,000	11,000	6,000	8,000	6,000	2,000	4,000	2,000	S
Management-related occupations	473,000	88,000	85,000	72,000	59,000	63,000	44,000	29,000	32,000
Male	279,000	44,000	47,000	36,000	37,000	40,000	30,000	20,000	26,000
Female	194,000	44,000	38,000	36,000	23,000	23,000	14,000	9,000	7,000
Non-S&E managers	480,000	41,000	74,000	72,000	82,000	66,000	66,000	47,000	30,000
Male	351,000	28,000	45,000	52,000	60,000	47,000	49,000	41,000	28,000
Female	129,000	13,000	29,000	20,000	22,000	19,000	17,000	6,000	2,000
Non-S&E postsecondary teachers	57,000	16,000	13,000	5,000	5,000	5,000	5,000	7,000	2,000
Male	27,000	6,000	9,000	2,000	2,000	2,000	3,000	3,000	2,000
Female	30,000	10,000	5,000	3,000	3,000	3,000	1,000	4,000	S
Non-S&E precollege/other teachers	350,000	92,000	62,000	55,000	36,000	32,000	41,000	19,000	13,000
Male	82,000	25,000	13,000	11,000	6,000	4,000	12,000	7,000	5,000
Female	268,000	67,000	49,000	44,000	30,000	28,000	29,000	12,000	8,000
Sales/marketing occupations	313,000	45,000	52,000	54,000	23,000	39,000	33,000	34,000	32,000
Male	202,000	26,000	33,000	30,000	11,000	28,000	20,000	28,000	25,000
Female	111,000	19,000	19,000	25,000	12,000	12,000	13,000	5,000	7,000
Social services/related occupations	410,000	81,000	91,000	72,000	56,000	39,000	33,000	23,000	15,000
Male	114,000	17,000	23,000	18,000	16,000	11,000	13,000	9,000	6,000
Female	295,000	64,000	68,000	54,000	40,000	28,000	19,000	14,000	8,000
Other non-S&E occupations	456,000	85,000	71,000	67,000	55,000	59,000	44,000	46,000	27,000
Male	240,000	40,000	37,000	41,000	25,000	28,000	23,000	31,000	15,000
Female	216,000	45,000	34,000	26,000	30,000	31,000	21,000	16,000	12,000
Doctorate degrees, all occupations	883,000	141,000	154,000	147,000	117,000	105,000	86,000	74,000	59,000
Male	616,000	81,000	98,000	96,000	80,000	75,000	67,000	64,000	54,000
Female	267,000	60,000	56,000	50,000	37,000	30,000	19,000	10,000	5,000
S&E occupations	566,000	98,000	107,000	95,000	73,000	61,000	51,000	43,000	37,000
Male	405,000	58,000	70,000	65,000	53,000	46,000	41,000	38,000	34,000
Female	161,000	39,000	37,000	30,000	20,000	15,000	11,000	6,000	3,000
Scientists	467,000	81,000	88,000	78,000	61,000	52,000	44,000	35,000	29,000
Male	316,000	44,000	53,000	50,000	42,000	38,000	34,000	30,000	27,000
Female	152,000	37,000	35,000	28,000	20,000	14,000	10,000	5,000	3,000
Biological/agricultural/other life scientists	154,000	29,000	29,000	28,000	20,000	17,000	12,000	10,000	7,000
Male	102,000	16,000	17,000	18,000	14,000	12,000	9,000	9,000	7,000
Female	52,000	13,000	12,000	10,000	6,000	5,000	3,000	2,000	1,000

TABLE 19. Employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Agricultural/food scientists	10,000	1,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000
Male	8,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Female	2,000	*	1,000	*	*	*	S	S	S
Biological/medical scientists	107,000	25,000	22,000	20,000	14,000	12,000	8,000	5,000	4,000
Male	69,000	14,000	13,000	12,000	9,000	8,000	6,000	4,000	3,000
Female	39,000	11,000	9,000	7,000	4,000	3,000	2,000	1,000	*
Environmental life scientists	2,000	*	*	*	*	*	S	S	S
Male	1,000	*	*	S	*	*	S	S	S
Female	*	*	*	S	S	S	S	S	S
Postsecondary teachers-life/related sciences	34,000	3,000	5,000	7,000	5,000	4,000	3,000	4,000	3,000
Male	24,000	1,000	3,000	4,000	3,000	3,000	3,000	4,000	3,000
Female	10,000	1,000	2,000	2,000	2,000	1,000	1,000	1,000	*
Computer/mathematical scientists	83,000	14,000	18,000	15,000	11,000	8,000	8,000	6,000	5,000
Male	66,000	9,000	13,000	12,000	9,000	7,000	6,000	6,000	4,000
Female	17,000	4,000	4,000	3,000	2,000	1,000	1,000	*	*
Computer/information scientists	41,000	5,000	9,000	9,000	5,000	4,000	4,000	3,000	2,000
Male	35,000	4,000	8,000	7,000	4,000	4,000	3,000	3,000	1,000
Female	6,000	1,000	2,000	1,000	1,000	1,000	1,000	*	S
Mathematical scientists	12,000	2,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000
Male	8,000	1,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000
Female	3,000	1,000	1,000	1,000	1,000	*	S	S	S
Postsecondary teachers-computer/mathematical sciences	30,000	6,000	6,000	4,000	4,000	3,000	3,000	2,000	2,000
Male	23,000	3,000	4,000	3,000	3,000	2,000	2,000	2,000	2,000
Female	8,000	3,000	2,000	1,000	1,000	1,000	*	*	*
Physical/related scientists	89,000	14,000	15,000	14,000	10,000	10,000	9,000	7,000	9,000
Male	74,000	10,000	12,000	11,000	9,000	9,000	8,000	7,000	9,000
Female	15,000	4,000	3,000	3,000	2,000	1,000	1,000	1,000	*
Chemists, except biochemists	28,000	5,000	5,000	5,000	3,000	3,000	3,000	2,000	2,000
Male	23,000	4,000	4,000	4,000	2,000	3,000	3,000	2,000	2,000
Female	5,000	1,000	1,000	1,000	1,000	*	*	*	S
Earth/atmospheric/ocean scientists	11,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000
Male	9,000	1,000	2,000	1,000	1,000	1,000	1,000	1,000	1,000
Female	2,000	1,000	*	*	*	*	S	S	S
Physicists/astronomers	16,000	3,000	2,000	2,000	2,000	1,000	1,000	1,000	2,000
Male	14,000	2,000	2,000	2,000	2,000	1,000	1,000	1,000	2,000
Female	2,000	1,000	*	*	S	S	S	S	S
Postsecondary teachers-physical/related sciences	31,000	3,000	6,000	5,000	4,000	4,000	3,000	3,000	4,000
Male	25,000	2,000	4,000	4,000	3,000	3,000	2,000	2,000	4,000
Female	6,000	1,000	1,000	1,000	1,000	*	*	*	*
Other physical/related scientists	3,000	1,000	1,000	*	*	*	*	S	*
Male	2,000	1,000	*	*	*	*	*	S	*
Female	1,000	*	*	S	S	S	S	S	S
Social/related scientists	142,000	24,000	25,000	20,000	20,000	17,000	16,000	12,000	8,000
Male	73,000	9,000	10,000	9,000	10,000	9,000	11,000	9,000	7,000

TABLE 19. Employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Female	68,000	16,000	15,000	11,000	10,000	7,000	5,000	3,000	1,000
Economists	8,000	1,000	2,000	1,000	1,000	1,000	1,000	1,000	*
Male	6,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	*
Female	2,000	*	1,000	*	*	*	S	S	S
Political/related scientists	2,000	1,000	*	*	S	S	*	S	*
Male	1,000	*	S	*	S	S	S	S	*
Female	1,000	*	*	*	S	S	S	S	S
Postsecondary teachers-social/related sciences	63,000	11,000	12,000	8,000	9,000	6,000	7,000	6,000	4,000
Male	37,000	5,000	6,000	4,000	5,000	4,000	5,000	5,000	3,000
Female	27,000	6,000	6,000	4,000	4,000	2,000	2,000	2,000	*
Psychologists	56,000	9,000	9,000	9,000	8,000	8,000	7,000	4,000	3,000
Male	24,000	2,000	2,000	3,000	3,000	4,000	4,000	3,000	3,000
Female	32,000	7,000	7,000	5,000	5,000	4,000	3,000	1,000	1,000
Sociologists/anthropologists	4,000	1,000	1,000	1,000	1,000	1,000	*	*	*
Male	2,000	*	*	*	*	*	*	*	*
Female	2,000	*	1,000	*	*	*	S	S	S
Other social/related scientists	8,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000	*
Male	3,000	*	1,000	1,000	*	*	*	1,000	*
Female	5,000	1,000	1,000	1,000	*	*	*	*	S
Engineers	99,000	17,000	20,000	17,000	12,000	9,000	7,000	8,000	8,000
Male	89,000	15,000	17,000	15,000	12,000	9,000	7,000	8,000	8,000
Female	10,000	3,000	2,000	2,000	1,000	1,000	1,000	*	S
Aerospace/aeronautical/astronautical engineers	6,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Male	6,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Female	*	S	S	S	S	S	S	S	S
Chemical engineers	9,000	1,000	1,000	2,000	1,000	1,000	1,000	1,000	1,000
Male	8,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Female	1,000	*	*	*	S	S	S	S	S
Civil/architectural/sanitary engineers	5,000	1,000	1,000	1,000	1,000	*	*	*	1,000
Male	5,000	1,000	1,000	1,000	1,000	*	*	*	1,000
Female	1,000	*	*	S	S	S	S	S	S
Electrical/computer hardware engineers	24,000	5,000	6,000	5,000	3,000	2,000	1,000	1,000	1,000
Male	22,000	4,000	5,000	4,000	3,000	2,000	1,000	1,000	1,000
Female	2,000	*	1,000	1,000	S	S	S	S	S
Industrial engineers	2,000	*	1,000	*	S	S	S	S	S
Male	2,000	S	1,000	*	S	S	S	S	S
Female	*	S	S	S	S	S	S	S	S
Mechanical engineers	9,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000
Male	9,000	2,000	2,000	2,000	1,000	1,000	1,000	1,000	1,000
Female	*	S	*	S	S	S	S	S	S
Postsecondary teachers-engineering	21,000	3,000	4,000	3,000	3,000	3,000	2,000	2,000	2,000
Male	19,000	2,000	3,000	3,000	2,000	3,000	2,000	2,000	2,000
Female	2,000	1,000	1,000	*	*	*	S	S	S
Other engineers	22,000	4,000	4,000	4,000	2,000	2,000	2,000	2,000	2,000

TABLE 19. Employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Male	19,000	4,000	3,000	3,000	2,000	2,000	2,000	2,000	2,000
Female	3,000	1,000	1,000	1,000	*	*	S	S	S
S&E-related occupations	97,000	13,000	13,000	17,000	15,000	14,000	11,000	8,000	6,000
Male	59,000	6,000	7,000	9,000	8,000	9,000	8,000	7,000	5,000
Female	38,000	6,000	6,000	8,000	7,000	5,000	3,000	1,000	1,000
Health-related occupations	53,000	10,000	8,000	8,000	7,000	7,000	6,000	5,000	4,000
Male	28,000	4,000	4,000	4,000	3,000	3,000	3,000	3,000	3,000
Female	26,000	5,000	4,000	4,000	4,000	4,000	2,000	1,000	1,000
S&E managers	27,000	2,000	3,000	5,000	5,000	4,000	3,000	3,000	2,000
Male	20,000	1,000	2,000	4,000	4,000	3,000	3,000	3,000	2,000
Female	6,000	1,000	1,000	1,000	2,000	1,000	*	*	S
S&E precollege teachers	12,000	1,000	1,000	4,000	2,000	2,000	1,000	*	*
Male	7,000	S	1,000	1,000	1,000	2,000	1,000	*	*
Female	5,000	*	1,000	2,000	1,000	*	*	S	S
S&E technicians/technologists	4,000	1,000	1,000	1,000	1,000	1,000	*	*	S
Male	4,000	*	1,000	1,000	1,000	*	*	*	S
Female	1,000	S	S	*	S	S	S	S	S
Other S&E-related occupations	1,000	S	*	S	S	S	S	S	S
Male	*	S	S	S	S	S	S	S	S
Female	S	S	S	S	S	S	S	S	S
Non-S&E occupations	220,000	30,000	34,000	34,000	29,000	30,000	24,000	23,000	17,000
Male	152,000	17,000	21,000	22,000	19,000	20,000	19,000	20,000	15,000
Female	69,000	14,000	13,000	12,000	10,000	10,000	5,000	3,000	2,000
Art/humanities/related occupations	8,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000	1,000
Male	4,000	*	1,000	*	*	S	1,000	1,000	1,000
Female	4,000	1,000	1,000	*	1,000	1,000	*	S	*
Management-related occupations	42,000	6,000	9,000	6,000	6,000	6,000	4,000	2,000	4,000
Male	30,000	3,000	7,000	4,000	4,000	3,000	3,000	2,000	4,000
Female	12,000	3,000	2,000	1,000	2,000	2,000	1,000	*	*
Non-S&E managers	67,000	4,000	8,000	10,000	10,000	12,000	9,000	9,000	6,000
Male	49,000	2,000	5,000	6,000	7,000	9,000	7,000	8,000	5,000
Female	19,000	3,000	3,000	4,000	2,000	3,000	2,000	1,000	1,000
Non-S&E postsecondary teachers	47,000	11,000	9,000	7,000	4,000	5,000	5,000	3,000	2,000
Male	32,000	7,000	6,000	5,000	3,000	3,000	4,000	3,000	2,000
Female	15,000	4,000	4,000	3,000	1,000	2,000	1,000	1,000	*
Non-S&E precollege/other teachers	6,000	2,000	1,000	*	1,000	*	S	1,000	S
Male	3,000	S	S	S	S	S	S	S	S
Female	3,000	1,000	*	S	1,000	*	S	S	S
Sales/marketing occupations	16,000	1,000	1,000	2,000	3,000	2,000	2,000	3,000	2,000
Male	12,000	1,000	1,000	1,000	1,000	2,000	1,000	3,000	2,000
Female	4,000	*	*	1,000	2,000	*	*	*	*
Social services/related occupations	14,000	3,000	2,000	4,000	2,000	1,000	1,000	1,000	*
Male	10,000	2,000	1,000	3,000	1,000	1,000	*	1,000	*
Female	4,000	1,000	1,000	1,000	*	*	*	S	S

TABLE 19. Employed U.S. scientists and engineers, by level of highest degree, occupation, sex, and years since highest degree: 2006

Level of highest degree, occupation, and sex	Employed scientists and engineers	Years since highest degree							
		<5 years	5–9 years	10–14 years	15–19 years	20–24 years	25–29 years	30–34 years	35+ years
Other non-S&E occupations	20,000	2,000	2,000	4,000	2,000	3,000	3,000	2,000	1,000
Male	12,000	1,000	1,000	2,000	1,000	3,000	2,000	2,000	1,000
Female	8,000	2,000	1,000	3,000	1,000	1,000	*	*	*

* = 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/occ03maj.html> for a detailed description of the occupational classification. 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.