

Table C-10. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and years since degree: 1999

Level and field of highest degree, and years since degree	Employed S&Es, total	Years since 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 levels¹									
All degree fields, total	10,981,600	1,983,100	1,713,800	1,631,000	1,656,300	1,561,200	1,250,600	637,300	548,300
Male	7,171,500	1,048,900	1,017,000	1,047,900	1,088,300	1,092,500	940,500	492,800	443,600
Female	3,810,200	934,200	696,800	583,100	568,000	468,700	310,100	144,500	104,800
S&E degree fields, total	7,980,100	1,534,000	1,288,700	1,109,600	1,124,800	1,061,600	937,700	491,100	432,600
Male	5,216,100	831,700	780,900	727,300	737,900	724,300	695,300	372,100	346,500
Female	2,764,000	702,300	507,700	382,300	387,000	337,200	242,400	119,000	86,100
Sciences, total	6,043,700	1,222,700	988,800	806,000	820,300	834,000	730,500	360,100	281,500
Male	3,463,400	574,900	521,000	456,600	466,100	511,500	491,300	243,800	198,100
Female	2,580,300	647,800	467,800	349,400	354,100	322,400	239,100	116,400	83,300
Computer/math sciences, total	1,045,800	180,200	187,300	219,800	154,900	105,900	106,500	58,600	32,600
Male	707,200	124,700	125,100	144,200	105,700	71,100	74,100	41,100	21,200
Female	338,600	55,500	62,300	75,600	49,200	34,800	32,400	17,500	11,400
Computer/information sciences	586,500	122,800	125,600	161,200	107,800	39,800	24,900	4,100	300
Male	424,400	92,300	92,100	109,500	75,500	30,700	20,200	3,800	300
Female	162,100	30,500	33,500	51,700	32,300	9,100	4,800	300	S
Mathematical sciences	459,300	57,400	61,700	58,600	47,100	66,100	81,600	54,500	32,300
Male	282,800	32,500	33,000	34,700	30,200	40,400	53,900	37,300	20,900
Female	176,500	25,000	28,800	23,900	16,900	25,700	27,700	17,200	11,400
Life/related sciences, total ...	1,287,700	272,400	184,000	151,500	180,300	207,900	154,100	80,000	57,700
Male	753,100	129,000	100,600	80,300	106,300	132,400	109,400	55,200	39,900
Female	534,600	143,400	83,400	71,200	74,000	75,500	44,700	24,800	17,800
Agricultural/food sciences	230,400	32,600	25,200	30,600	45,300	38,000	25,900	15,700	17,100
Male	170,000	19,000	16,400	22,000	31,100	28,400	22,600	14,900	15,500
Female	60,300	13,600	8,800	8,600	14,100	9,600	3,300	800	1,500
Biological sciences	955,300	213,700	143,400	110,300	120,100	153,200	115,700	60,800	38,200
Male	511,000	94,400	74,400	53,700	64,800	89,500	74,900	37,400	21,900
Female	444,300	119,300	69,000	56,600	55,300	63,800	40,700	23,400	16,300
Environmental life sciences ...	102,100	26,100	15,400	10,600	14,900	16,600	12,600	3,400	2,500
Male	72,100	15,600	9,800	4,600	10,400	14,500	11,900	2,800	2,500
Female	30,000	10,500	5,600	6,000	4,500	2,100	700	600	S
Physical/related sciences, total	621,700	93,300	85,300	81,600	88,500	86,500	78,000	51,800	56,700
Male	483,400	63,100	57,200	65,800	70,300	69,500	65,100	44,000	48,300
Female	138,300	30,100	28,100	15,800	18,200	17,000	12,900	7,800	8,400
Chemistry, except biochemistry	276,200	43,900	36,500	32,400	31,900	37,800	35,900	29,100	28,800
Male	196,000	26,200	21,800	24,200	23,600	27,800	28,000	22,900	21,400
Female	80,200	17,700	14,600	8,200	8,200	9,900	7,900	6,200	7,400
Earth science, geology and oceanography	152,800	24,200	18,500	22,500	32,100	24,700	15,700	5,800	9,200
Male	124,600	16,800	13,200	18,900	26,900	20,000	14,400	5,300	9,200
Female	28,200	7,500	5,400	3,600	5,200	4,700	1,300	500	S

See explanatory information, if any, and SOURCE at end of table.

Table C-10. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and years since degree: 1999

Level and field of highest degree, and years since degree	Employed S&Es, total	Years since 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 levels¹ — continued									
Physics/astronomy	144,000	21,400	21,500	19,100	16,300	16,900	20,300	14,400	14,300
Male	128,800	17,900	18,100	17,400	14,000	15,700	18,800	13,400	13,500
Female	15,200	3,500	3,400	1,600	2,300	1,100	1,500	1,000	800
Other physical sciences	48,800	3,700	8,800	7,800	8,300	7,200	6,100	2,600	4,400
Male	34,000	2,200	4,100	5,400	5,800	6,000	3,900	2,500	4,200
Female	14,700	1,500	4,700	2,400	2,500	1,200	2,200	100	200
Social/related sciences, total	3,088,400	676,800	532,200	353,000	396,600	433,600	391,900	169,700	134,500
Male	1,519,600	258,000	238,100	166,300	183,800	238,500	242,700	103,500	88,700
Female	1,568,800	418,900	294,100	186,700	212,800	195,100	149,100	66,200	45,800
Economics	406,500	59,100	78,100	53,200	54,800	46,300	51,000	28,700	35,200
Male	307,100	39,400	52,100	35,900	37,100	40,700	44,500	26,900	30,600
Female	99,500	19,800	26,000	17,300	17,800	5,600	6,400	1,800	4,600
Political/related sciences	567,000	125,500	114,100	75,000	60,400	70,300	67,600	29,500	24,600
Male	356,700	66,800	65,000	50,300	34,900	47,600	54,800	20,400	16,900
Female	210,300	58,700	49,100	24,700	25,500	22,700	12,800	9,100	7,700
Psychology	1,166,100	279,000	189,300	142,700	170,900	180,400	125,800	44,200	33,800
Male	434,600	74,600	57,600	47,100	56,300	84,900	66,300	27,900	19,800
Female	731,500	204,400	131,700	95,600	114,600	95,500	59,500	16,300	14,000
Sociology/anthropology	592,700	127,600	91,700	45,600	70,100	91,200	97,300	44,400	24,800
Male	244,300	44,600	34,100	16,100	35,700	38,300	49,100	16,200	10,200
Female	348,400	83,000	57,600	29,500	34,400	52,900	48,100	28,200	14,600
Other social sciences	356,100	85,600	59,100	36,400	40,500	45,400	50,200	22,900	16,000
Male	177,000	32,600	29,300	16,900	19,900	27,000	28,000	12,200	11,100
Female	179,100	53,000	29,800	19,500	20,600	18,400	22,200	10,700	4,900
Engineering, total	1,936,400	311,300	299,900	303,600	304,500	227,600	207,300	131,000	151,100
Male	1,752,700	256,800	260,000	270,700	271,700	212,800	204,000	128,300	148,300
Female	183,700	54,500	39,900	32,900	32,800	14,800	3,300	2,600	2,800
Aerospace/related engineering	76,300	8,700	11,300	12,900	11,500	9,900	9,500	5,600	7,000
Male	71,600	7,800	9,900	12,200	10,400	9,500	9,400	5,600	6,800
Female	4,800	900	1,400	700	1,100	400	S	S	200
Chemical engineering	147,700	27,000	20,000	20,800	25,800	15,400	15,900	12,100	10,500
Male	119,800	18,200	15,100	16,000	21,500	12,500	15,500	11,300	9,800
Female	27,800	8,900	4,900	4,800	4,400	3,000	400	700	800
Civil/architectural engineering	330,200	49,400	42,200	44,600	50,300	46,900	41,100	25,700	30,000
Male	296,900	38,800	36,400	40,000	44,400	42,500	40,600	25,200	29,000
Female	33,300	10,600	5,800	4,600	5,900	4,400	500	500	1,000
Electrical/related engineering	587,000	95,900	105,900	102,800	87,600	67,700	58,100	35,200	33,800
Male	547,200	85,000	95,100	94,700	80,400	65,800	57,700	34,900	33,700
Female	39,800	11,000	10,700	8,100	7,300	1,900	500	300	100

See explanatory information, if any, and SOURCE at end of table.

Table C-10. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and years since degree: 1999

Level and field of highest degree, and years since degree	Employed S&Es, total	Years since 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 levels¹ — continued									
Industrial engineering	106,200	17,700	17,800	16,400	17,700	9,700	12,400	5,700	8,900
Male	85,500	12,900	12,300	12,500	13,500	8,000	12,400	5,700	8,400
Female	20,700	4,800	5,500	3,900	4,200	1,700	S	S	500
Mechanical engineering	386,000	63,700	59,700	64,800	56,600	37,500	38,400	26,100	39,100
Male	363,400	56,200	54,900	61,000	52,600	35,700	38,100	25,900	39,100
Female	22,600	7,500	4,900	3,800	4,000	1,800	300	200	S
Other engineering	303,000	49,000	42,900	41,400	55,000	40,400	31,900	20,600	21,900
Male	268,300	38,100	36,300	34,300	49,000	38,900	30,400	19,700	21,700
Female	34,700	10,900	6,700	7,000	6,000	1,500	1,500	900	200
Non-S&E degrees, total	3,001,500	449,100	425,100	521,400	531,500	499,600	312,900	146,200	115,700
Male	1,955,400	217,100	236,000	320,600	350,500	368,100	245,100	120,700	97,100
Female	1,046,100	231,900	189,100	200,800	181,000	131,500	67,700	25,500	18,600
Bachelor's									
All degree fields, total	6,350,100	1,153,700	982,700	892,200	925,600	872,300	750,000	383,200	390,400
Male	4,084,400	590,900	572,000	590,800	615,200	591,900	540,000	278,300	305,300
Female	2,265,700	562,800	410,700	301,400	310,400	280,300	210,000	104,900	85,100
S&E degree fields, total	5,866,100	1,127,300	958,300	779,200	817,200	778,000	687,000	355,200	364,000
Male	3,758,600	582,100	560,800	513,600	543,700	521,700	493,700	257,900	285,200
Female	2,107,500	545,200	397,500	265,600	273,600	256,300	193,300	97,300	78,700
Sciences, total	4,486,100	932,300	760,300	561,900	580,600	614,500	541,300	261,300	233,900
Male	2,509,900	423,700	389,200	319,500	332,900	370,600	350,200	166,100	157,800
Female	1,976,300	508,600	371,100	242,400	247,700	243,900	191,100	95,300	76,100
Computer/math sciences, total	742,700	118,500	132,600	163,900	113,200	73,300	72,400	41,100	27,700
Male	491,000	79,600	85,700	107,300	76,900	49,200	48,200	27,300	16,900
Female	251,700	38,900	46,900	56,600	36,200	24,200	24,100	13,800	10,900
Computer/information sciences	413,500	79,900	88,000	120,200	80,700	27,600	14,400	2,300	200
Male	295,800	59,200	62,600	82,600	56,500	21,100	11,400	2,200	200
Female	117,700	20,700	25,400	37,600	24,200	6,600	3,100	200	S
Mathematical sciences	329,200	38,600	44,600	43,700	32,400	45,700	57,900	38,700	27,500
Male	195,200	20,400	23,100	24,700	20,400	28,100	36,800	25,100	16,600
Female	134,000	18,200	21,500	19,000	12,000	17,600	21,100	13,600	10,900
Life/related sciences, total	947,000	210,500	132,200	100,000	128,700	159,500	113,100	57,800	45,300
Male	538,000	96,300	71,200	51,200	74,300	99,400	77,800	37,900	29,900
Female	409,000	114,200	61,000	48,900	54,400	60,100	35,300	19,800	15,400
Agricultural/food sciences	182,300	24,100	18,300	22,300	36,900	32,900	20,500	12,500	14,800
Male	133,900	13,300	11,500	16,200	25,300	24,400	17,800	11,700	13,600
Female	48,400	10,800	6,800	6,100	11,500	8,500	2,700	800	1,200
Biological sciences	686,000	166,200	102,500	70,400	81,200	112,200	82,500	42,400	28,800
Male	347,900	71,100	52,600	31,700	41,300	62,400	50,400	23,800	14,600
Female	338,100	95,100	49,900	38,700	39,800	49,800	32,100	18,600	14,100

See explanatory information, if any, and SOURCE at end of table.

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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
Bachelor's — continued									
Environmental life sciences ...	78,700	20,200	11,400	7,300	10,700	14,400	10,100	2,900	1,700
Male	56,100	11,800	7,100	3,200	7,700	12,600	9,600	2,500	1,700
Female	22,600	8,400	4,300	4,100	3,000	1,800	500	500	S
Physical/related sciences, total	380,900	58,500	50,800	46,600	56,500	55,700	45,300	25,400	42,200
Male	287,500	37,700	31,700	39,200	44,300	42,700	36,800	20,200	34,900
Female	93,300	20,800	19,000	7,500	12,100	12,900	8,500	5,200	7,200
Chemistry, except biochemistry	175,100	28,700	23,600	18,900	18,300	25,000	21,800	16,200	22,700
Male	117,900	16,000	13,000	13,900	13,400	17,100	16,500	11,800	16,300
Female	57,200	12,700	10,600	4,900	5,000	7,900	5,300	4,400	6,300
Earth science, geology and oceanography	101,800	16,000	10,400	13,900	24,100	16,800	10,200	2,900	7,400
Male	84,000	11,000	7,100	12,900	20,500	13,300	9,400	2,400	7,400
Female	17,900	5,100	3,400	1,000	3,700	3,500	800	500	S
Physics/astronomy	66,900	11,000	10,100	9,100	7,900	7,500	8,000	5,500	7,800
Male	59,600	9,000	8,400	8,800	6,500	6,900	7,700	5,100	7,200
Female	7,300	2,000	1,700	300	1,400	500	300	300	700
Other physical sciences	37,000	2,700	6,700	4,700	6,100	6,400	5,300	800	4,300
Male	26,100	1,700	3,300	3,500	4,000	5,400	3,200	800	4,100
Female	11,000	1,000	3,300	1,200	2,100	1,000	2,000	S	200
Social/related sciences, total	2,415,500	544,800	444,700	251,300	282,200	326,000	310,500	137,200	118,800
Male	1,193,300	210,100	200,500	121,900	137,300	179,300	187,300	80,700	76,100
Female	1,222,200	334,600	244,200	129,400	145,000	146,700	123,200	56,500	42,600
Economics	340,300	49,300	69,400	45,500	44,500	36,300	39,700	23,400	32,200
Male	257,100	32,700	46,100	29,600	30,700	32,400	35,600	22,300	27,800
Female	83,200	16,600	23,300	15,900	13,800	3,900	4,100	1,100	4,400
Political/related sciences	482,900	105,100	101,500	65,900	49,800	56,300	55,600	26,500	22,000
Male	303,000	56,700	57,400	44,700	28,200	37,800	45,100	18,800	14,400
Female	179,800	48,400	44,200	21,200	21,600	18,500	10,500	7,700	7,700
Psychology	794,500	209,600	142,500	79,300	99,800	119,800	86,100	30,400	27,000
Male	286,900	56,000	42,600	24,900	32,600	55,300	43,200	17,700	14,600
Female	507,700	153,500	100,000	54,400	67,100	64,600	42,900	12,700	12,400
Sociology/anthropology	525,200	114,100	82,800	36,800	59,400	80,900	88,600	39,300	23,300
Male	210,800	39,000	29,800	12,600	30,400	32,800	42,900	13,900	9,400
Female	314,400	75,200	52,900	24,200	29,000	48,100	45,700	25,400	13,900
Other social sciences	272,600	66,600	48,500	23,900	28,700	32,700	40,500	17,600	14,200
Male	135,500	25,700	24,700	10,200	15,300	21,000	20,600	8,000	9,900
Female	137,200	40,900	23,800	13,700	13,400	11,600	19,900	9,600	4,300
Engineering, total	1,380,000	195,000	198,100	217,300	236,600	163,500	145,700	93,800	130,000
Male	1,248,700	158,400	171,700	194,000	210,800	151,100	143,500	91,800	127,400
Female	131,300	36,600	26,400	23,200	25,800	12,400	2,200	2,000	2,600

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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
Bachelor's — continued									
Aerospace/related engineering	53,600	4,300	7,500	10,300	9,600	7,000	6,100	2,500	6,200
Male	49,800	3,800	6,500	9,900	8,500	6,600	6,100	2,500	5,900
Female	3,800	500	1,100	500	1,100	400	S	S	200
Chemical engineering	112,000	20,800	15,200	14,500	21,800	11,800	10,500	8,800	8,700
Male	88,100	13,400	11,000	10,800	17,700	9,000	10,100	8,200	8,000
Female	23,900	7,400	4,200	3,700	4,000	2,800	400	600	800
Civil/architectural engineering	247,000	35,300	30,000	34,300	38,500	35,400	28,600	18,800	26,100
Male	222,800	28,000	26,200	30,700	33,900	31,700	28,400	18,600	25,200
Female	24,100	7,400	3,800	3,500	4,600	3,700	200	200	800
Electrical/related engineering	407,400	57,400	68,500	70,900	66,700	49,100	42,600	24,500	27,500
Male	380,700	51,000	61,800	65,400	60,700	47,900	42,300	24,200	27,400
Female	26,700	6,500	6,700	5,500	6,100	1,200	300	300	100
Industrial engineering	79,500	10,200	12,300	12,500	15,000	6,400	9,800	5,300	7,900
Male	63,600	6,800	7,900	9,800	11,700	4,900	9,800	5,300	7,300
Female	15,900	3,400	4,400	2,700	3,300	1,500	S	S	500
Mechanical engineering	304,200	45,000	43,900	50,500	48,300	30,200	29,900	21,500	34,900
Male	286,100	39,100	40,500	47,500	44,600	28,500	29,800	21,300	34,900
Female	18,000	5,900	3,300	3,000	3,700	1,700	100	200	S
Other engineering	176,300	21,900	20,600	24,200	36,700	23,500	18,200	12,400	18,700
Male	157,500	16,400	17,800	19,900	33,700	22,400	17,000	11,700	18,600
Female	18,900	5,600	2,800	4,300	3,100	1,100	1,200	700	200
Non-S&E degrees, total	484,000	26,400	24,300	113,000	108,400	94,300	63,000	28,000	26,400
Male	325,900	8,800	11,200	77,200	71,500	70,300	46,300	20,400	20,000
Female	158,100	17,600	13,200	35,800	36,900	24,000	16,700	7,600	6,400
Master's									
All degree fields, total	2,982,000	589,100	486,600	479,800	462,400	424,200	317,100	149,600	73,100
Male	1,871,200	318,200	290,100	286,600	277,300	288,000	236,400	116,900	57,700
Female	1,110,800	270,900	196,500	193,100	185,200	136,200	80,700	32,700	15,300
S&E degree fields, total	1,491,200	295,700	225,900	239,100	221,800	201,500	174,300	91,000	41,900
Male	987,800	178,400	149,700	149,900	130,100	135,800	134,600	73,000	36,300
Female	503,400	117,300	76,200	89,300	91,700	65,700	39,700	18,000	5,700
Sciences, total	1,040,400	203,100	144,200	167,300	164,100	148,400	126,100	62,600	24,700
Male	582,000	100,600	79,500	86,600	78,900	84,800	87,300	45,100	19,200
Female	458,400	102,600	64,700	80,700	85,200	63,600	38,700	17,500	5,400
Computer/math sciences, total	262,600	52,700	47,400	50,400	37,000	28,200	28,900	14,500	3,500
Male	181,700	38,000	33,500	32,200	24,800	18,200	21,200	10,800	3,000
Female	80,900	14,800	13,800	18,100	12,200	10,000	7,700	3,700	500

See explanatory information, if any, and SOURCE at end of table.

Table C-10. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and years since degree: 1999

Level and field of highest degree, and years since degree	Employed S&Es, total	Years since degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
Master's — continued									
Computer/information sciences	160,900	38,500	34,200	38,800	25,700	11,500	10,400	1,800	100
Male	118,300	29,200	26,800	25,100	17,800	9,000	8,700	1,600	100
Female	42,600	9,200	7,400	13,700	7,900	2,500	1,700	100	S
Mathematical sciences	101,700	14,200	13,200	11,600	11,400	16,700	18,500	12,700	3,400
Male	63,400	8,700	6,800	7,100	7,000	9,100	12,500	9,200	2,900
Female	38,300	5,500	6,400	4,500	4,300	7,500	6,000	3,500	500
Life/related sciences, total ...	164,100	29,200	21,800	24,400	25,300	25,100	21,100	11,700	5,400
Male	92,400	14,700	11,100	11,800	13,200	14,300	15,300	8,400	3,700
Female	71,700	14,500	10,700	12,700	12,100	10,800	5,800	3,300	1,700
Agricultural/food sciences	30,100	5,700	3,600	5,000	5,600	3,200	3,200	2,300	1,600
Male	20,900	3,500	2,300	3,100	3,500	2,300	2,600	2,300	1,300
Female	9,100	2,200	1,200	1,900	2,100	900	600	S	300
Biological sciences	116,200	18,700	15,300	17,000	16,300	20,500	16,200	9,100	3,100
Male	60,300	8,200	6,900	7,900	7,700	10,900	11,100	5,900	1,700
Female	55,900	10,500	8,300	9,100	8,600	9,600	5,100	3,200	1,400
Environmental life sciences ...	17,900	4,800	2,900	2,500	3,500	1,500	1,800	300	700
Male	11,200	3,000	1,800	800	2,000	1,200	1,600	100	700
Female	6,700	1,800	1,200	1,700	1,500	300	100	100	S
Physical/related sciences, total	113,900	17,200	15,400	17,300	15,200	14,600	15,500	12,500	6,200
Male	85,400	12,000	10,200	12,300	11,100	11,800	12,100	10,600	5,300
Female	28,500	5,200	5,100	5,000	4,000	2,800	3,500	1,900	900
Chemistry, except biochemistry	37,400	6,800	3,600	4,400	4,800	4,900	5,700	4,800	2,400
Male	25,000	4,500	2,000	3,100	2,800	3,600	3,800	3,500	1,500
Female	12,400	2,200	1,600	1,300	2,000	1,300	1,900	1,300	900
Earth science, geology and oceanography	34,200	5,700	5,300	6,200	5,800	5,100	3,400	1,800	800
Male	26,000	3,800	3,900	4,100	4,600	4,100	2,900	1,800	800
Female	8,200	1,800	1,500	2,200	1,300	1,100	400	S	S
Physics/astronomy	32,500	4,100	4,700	4,200	2,600	4,000	5,800	4,200	3,100
Male	28,100	3,400	3,800	3,500	2,200	3,700	4,800	3,700	3,000
Female	4,500	700	900	700	400	300	1,000	500	100
Other physical sciences	9,800	700	1,700	2,500	2,000	600	700	1,600	S
Male	6,500	300	500	1,600	1,600	500	500	1,500	S
Female	3,400	400	1,200	900	400	200	100	100	S
Social/related sciences, total	499,800	104,000	59,700	75,200	86,600	80,400	60,500	23,900	9,500
Male	222,500	35,900	24,700	30,300	29,800	40,500	38,700	15,300	7,200
Female	277,300	68,100	35,000	44,800	56,800	39,900	21,800	8,600	2,300
Economics	43,700	6,400	5,800	4,500	7,100	6,300	7,900	3,400	2,200
Male	31,100	4,200	3,700	3,900	3,700	4,900	5,900	2,800	2,000
Female	12,600	2,200	2,100	700	3,400	1,400	2,100	600	200

See explanatory information, if any, and SOURCE at end of table.

Table C-10. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and years since degree: 1999

Level and field of highest degree, and years since degree	Employed S&Es, total	Years since degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
Master's — continued									
Political/related sciences	67,400	17,400	9,900	7,200	8,500	11,300	9,700	1,700	1,800
Male	40,600	7,900	5,800	4,100	5,200	7,600	7,700	300	1,800
Female	26,800	9,500	4,000	3,000	3,300	3,600	2,000	1,300	S
Psychology	276,100	53,600	30,500	47,600	55,500	46,000	29,900	9,800	3,100
Male	98,300	13,800	8,900	14,800	15,100	20,800	15,900	6,800	2,200
Female	177,800	39,800	21,600	32,800	40,400	25,200	14,000	3,000	900
Sociology/anthropology	44,400	10,100	5,500	5,100	6,500	6,200	5,700	4,400	900
Male	20,200	4,300	2,600	1,700	2,900	2,700	3,900	1,800	200
Female	24,200	5,800	2,900	3,400	3,600	3,500	1,700	2,600	700
Other social sciences	68,100	16,600	8,000	10,700	9,000	10,600	7,200	4,600	1,500
Male	32,300	5,800	3,600	5,800	3,000	4,400	5,200	3,500	1,000
Female	35,900	10,800	4,400	4,900	6,000	6,200	2,000	1,100	500
Engineering, total	450,800	92,500	81,700	71,800	57,700	53,100	48,300	28,400	17,300
Male	405,800	77,800	70,200	63,200	51,200	51,000	47,300	28,000	17,100
Female	45,000	14,700	11,500	8,600	6,500	2,100	900	500	200
Aerospace/related engineering	17,800	3,000	3,100	2,100	1,700	2,300	2,700	2,300	600
Male	17,100	2,800	2,700	1,900	1,700	2,300	2,700	2,300	600
Female	800	200	400	200	S	S	S	S	S
Chemical engineering	22,000	4,000	2,400	3,800	2,700	2,300	3,700	1,800	1,200
Male	19,100	2,900	2,000	2,900	2,400	2,200	3,700	1,700	1,200
Female	2,900	1,000	400	900	300	200	S	100	S
Civil/architectural engineering	73,300	12,200	10,400	9,200	10,800	10,700	10,500	6,000	3,500
Male	65,000	9,400	8,500	8,100	9,600	10,000	10,200	5,800	3,300
Female	8,400	2,800	1,900	1,100	1,200	700	300	200	200
Electrical/related engineering	151,300	31,500	31,500	28,200	18,500	15,800	12,100	8,500	5,300
Male	139,900	27,800	28,000	25,800	17,400	15,200	12,000	8,500	5,300
Female	11,500	3,700	3,500	2,400	1,100	600	200	S	S
Industrial engineering	23,500	6,700	4,800	3,300	2,600	3,100	1,900	200	1,000
Male	19,200	5,400	3,900	2,200	1,700	2,900	1,900	200	1,000
Female	4,300	1,200	900	1,000	900	200	S	S	S
Mechanical engineering	68,300	15,000	13,000	12,200	7,300	6,100	7,100	3,700	3,800
Male	64,100	13,400	11,700	11,500	7,000	6,100	6,900	3,700	3,800
Female	4,200	1,500	1,400	700	300	100	200	S	S
Other engineering	94,600	20,200	16,400	13,100	14,200	12,700	10,200	5,900	1,900
Male	81,600	16,100	13,400	10,700	11,400	12,400	9,900	5,700	1,900
Female	13,000	4,100	3,000	2,300	2,800	300	300	200	S

See explanatory information, if any, and SOURCE at end of table.

Table C-10. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and years since degree: 1999

Level and field of highest degree, and years since degree	Employed S&Es, total	Years since degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
Master's — continued									
Non-S&E degrees, total	1,490,800	293,500	260,700	240,700	240,600	222,700	142,800	58,600	31,100
Male	883,400	139,800	140,400	136,800	147,100	152,200	101,800	43,900	21,500
Female	607,300	153,600	120,400	103,900	93,500	70,500	41,100	14,700	9,700
Doctorate									
All degree fields, total	736,700	128,200	127,100	110,600	101,600	97,900	89,800	51,600	29,900
Male	552,200	82,200	83,400	77,400	75,100	79,100	79,600	47,200	28,200
Female	184,500	45,900	43,700	33,200	26,500	18,800	10,200	4,400	1,800
S&E degree fields, total	614,600	109,200	102,400	89,300	85,200	80,300	76,500	44,900	26,700
Male	466,400	70,700	69,500	63,100	63,800	66,100	67,000	41,200	25,000
Female	148,100	38,500	33,000	26,300	21,400	14,100	9,400	3,700	1,800
Sciences, total	509,000	85,500	82,300	74,800	75,000	69,300	63,100	36,200	22,900
Male	368,200	50,100	51,300	49,600	54,100	55,400	53,800	32,600	21,100
Female	140,800	35,400	30,900	25,200	20,900	13,800	9,300	3,600	1,800
Computer/math sciences, total	40,600	9,000	7,300	5,500	4,700	4,400	5,200	3,100	1,400
Male	34,500	7,200	5,800	4,700	4,000	3,800	4,700	3,000	1,400
Female	6,100	1,800	1,500	800	700	600	600	100	S
Computer/information sciences	12,100	4,400	3,400	2,200	1,400	700	100	S	S
Male	10,200	3,900	2,700	1,800	1,200	600	100	S	S
Female	1,800	500	700	400	200	S	S	S	S
Mathematical sciences	28,500	4,600	4,000	3,300	3,300	3,700	5,200	3,100	1,400
Male	24,300	3,300	3,100	2,900	2,800	3,200	4,600	3,000	1,400
Female	4,200	1,200	800	400	500	600	600	100	S
Life/related sciences, total ...	176,200	32,600	29,600	27,000	26,300	23,300	19,900	10,500	7,000
Male	122,300	18,000	18,000	17,300	18,800	18,700	16,300	8,900	6,300
Female	53,900	14,600	11,700	9,700	7,500	4,600	3,600	1,600	700
Agricultural/food sciences	18,100	2,800	3,300	3,400	2,800	2,000	2,200	900	700
Male	15,200	2,200	2,500	2,700	2,300	1,800	2,200	900	700
Female	2,800	600	700	700	500	200	S	S	S
Biological sciences	153,100	28,700	25,700	22,900	22,600	20,500	17,000	9,300	6,300
Male	102,700	15,000	14,800	14,100	15,800	16,100	13,500	7,700	5,600
Female	50,400	13,700	10,800	8,800	6,900	4,400	3,500	1,600	700
Environmental life sciences ...	5,000	1,100	700	800	800	800	700	200	100
Male	4,400	800	600	600	700	700	600	200	100
Female	700	300	100	200	100	S	S	S	S

See explanatory information, if any, and SOURCE at end of table.

Table C-10. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and years since degree: 1999

Level and field of highest degree, and years since degree	Employed S&Es, total	Years since degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
Doctorate — continued									
Physical/related sciences, total	125,900	17,100	18,600	17,700	16,900	16,200	17,100	14,000	8,300
Male	109,400	13,000	14,700	14,400	14,900	15,000	16,100	13,200	8,100
Female	16,500	4,100	3,900	3,300	2,000	1,200	1,000	800	200
Chemistry, except biochemistry	63,600	8,300	9,200	9,100	8,700	7,900	8,400	8,100	3,800
Male	53,000	5,600	6,800	7,100	7,500	7,200	7,700	7,500	3,600
Female	10,600	2,700	2,400	2,000	1,300	800	700	500	200
Earth science, geology and oceanography	16,500	2,300	2,800	2,300	2,200	2,700	2,100	1,000	1,100
Male	14,500	1,800	2,200	1,900	1,900	2,600	2,100	1,000	1,100
Female	2,000	500	600	500	300	200	S	S	S
Physics/astronomy	43,800	6,200	6,100	5,800	5,800	5,400	6,500	4,700	3,400
Male	40,400	5,400	5,300	5,100	5,300	5,100	6,300	4,500	3,400
Female	3,400	800	800	600	500	300	200	200	S
Other physical sciences	1,900	300	400	500	200	100	100	100	100
Male	1,500	300	300	300	200	100	100	100	100
Female	400	100	100	200	S	S	S	S	S
Social/related sciences, total	166,400	26,800	26,700	24,600	27,200	25,400	20,900	8,700	6,200
Male	102,000	11,900	12,900	13,200	16,500	18,000	16,700	7,600	5,300
Female	64,400	14,900	13,900	11,400	10,700	7,400	4,200	1,100	800
Economics	22,500	3,400	2,900	3,200	3,200	3,800	3,300	1,900	800
Male	18,800	2,500	2,200	2,500	2,600	3,400	3,100	1,800	700
Female	3,700	900	700	800	500	400	300	100	100
Political/related sciences	16,700	3,000	2,700	1,900	2,100	2,700	2,300	1,300	800
Male	13,100	2,100	1,800	1,500	1,500	2,200	2,000	1,300	700
Female	3,600	900	900	400	500	500	300	S	S
Psychology	88,800	14,600	15,100	13,900	15,100	12,700	9,700	4,000	3,700
Male	47,600	4,800	6,100	6,600	8,400	8,100	7,200	3,400	3,000
Female	41,100	9,800	9,000	7,300	6,700	4,600	2,600	600	600
Sociology/anthropology	23,100	3,300	3,400	3,700	4,200	4,100	3,000	700	600
Male	13,200	1,400	1,600	1,700	2,400	2,800	2,300	500	600
Female	9,800	2,000	1,800	2,000	1,800	1,300	700	300	100
Other social sciences	15,300	2,400	2,600	1,900	2,700	2,100	2,500	700	300
Male	9,300	1,200	1,100	900	1,500	1,500	2,200	600	300
Female	6,100	1,300	1,500	1,000	1,200	600	300	100	S
Engineering, total	105,600	23,800	20,200	14,600	10,200	11,000	13,300	8,700	3,900
Male	98,200	20,600	18,100	13,500	9,700	10,700	13,200	8,600	3,900
Female	7,300	3,200	2,100	1,100	500	300	100	100	S
Aerospace/related engineering	4,900	1,300	700	400	200	500	700	800	300
Male	4,700	1,200	700	400	200	500	600	800	300
Female	200	200	S	S	S	S	S	S	S

See explanatory information, if any, and SOURCE at end of table.

Table C-10. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and years since degree: 1999

Level and field of highest degree, and years since degree	Employed S&Es, total	Years since degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
Doctorate — continued									
Chemical engineering	13,600	2,300	2,300	2,500	1,300	1,300	1,700	1,500	600
Male	12,600	1,800	2,000	2,300	1,300	1,300	1,700	1,500	600
Female	1,000	500	300	200	S	S	S	S	S
Civil/architectural engineering	9,900	1,800	1,800	1,200	900	800	2,000	900	400
Male	9,100	1,400	1,800	1,200	800	800	1,900	800	400
Female	800	400	S	S	100	S	100	100	S
Electrical/related engineering	28,300	7,000	5,900	3,700	2,400	2,800	3,400	2,200	900
Male	26,600	6,200	5,400	3,400	2,300	2,700	3,300	2,200	900
Female	1,700	800	500	200	100	100	S	S	S
Industrial engineering	3,300	800	700	600	200	200	600	200	100
Male	2,700	600	500	400	100	200	600	200	100
Female	500	100	200	100	S	S	S	S	S
Mechanical engineering	13,500	3,700	2,800	2,100	1,100	1,200	1,400	900	400
Male	13,200	3,700	2,700	2,000	1,100	1,100	1,400	900	400
Female	300	100	200	100	S	100	S	S	S
Other engineering	32,100	6,800	5,900	4,100	4,100	4,200	3,500	2,300	1,200
Male	29,300	5,600	5,000	3,700	3,900	4,100	3,500	2,300	1,200
Female	2,800	1,200	900	400	200	100	S	S	S
Non-S&E degrees, total	122,100	18,900	24,600	21,200	16,400	17,700	13,300	6,700	3,200
Male	85,800	11,600	13,900	14,300	11,300	13,000	12,600	6,000	3,200
Female	36,400	7,400	10,700	7,000	5,200	4,700	700	700	S

1 Total includes professional degrees not broken out separately.

NOTES: The term "Scientists and Engineers" (S&Es) includes all persons who have ever received a bachelor's degree or higher in a science or engineering (S&E) field, plus persons holding a non-S&E bachelor's or higher degree who were employed in a S&E occupation during either the 1993, 1995, 1997, or 1999 SESTAT surveys. Figures are rounded to nearest hundred. Details may not add to total because of rounding.

KEY: S = Suppressed for reasons of confidentiality and/or data reliability

SOURCE: National Science Foundation/Science Resources Statistics Division, 1999 SESTAT (Scientists and Engineers Statistical Data System)