

Table C-10. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and years since degree: 1993

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	9,793,500	1,742,500	1,918,200	1,731,200	1,633,900	1,226,200	678,000	397,600	465,900
Male	6,729,500	1,029,200	1,201,100	1,146,200	1,164,500	939,500	526,300	335,300	387,400
Female	3,064,100	713,400	717,100	585,000	469,400	286,700	151,700	62,300	78,500
S&E degree fields, total	7,035,800	1,298,600	1,330,100	1,168,700	1,112,900	927,800	515,800	306,800	375,000
Male	4,831,100	780,000	837,400	772,600	775,800	702,900	397,200	258,000	307,100
Female	2,204,700	518,600	492,700	396,100	337,000	224,900	118,600	48,800	67,900
Sciences, total	5,202,100	994,600	967,000	858,800	888,700	706,800	367,900	190,100	228,200
Male	3,141,300	517,600	521,600	495,500	561,700	487,600	251,800	143,300	162,200
Female	2,060,700	477,000	445,400	363,300	327,000	219,300	116,100	46,800	65,900
Computer/math sciences, total	918,000	198,700	252,800	145,100	107,900	109,900	60,700	24,500	18,600
Male	616,200	126,100	163,400	100,400	73,500	78,700	43,700	18,200	12,200
Female	301,800	72,700	89,400	44,600	34,300	31,200	17,000	6,300	6,400
Computer/information sciences	477,400	133,400	187,000	94,000	37,600	20,900	3,600	600	300
Male	329,300	88,600	123,700	66,700	29,000	17,600	3,000	600	100
Female	148,000	44,800	63,200	27,300	8,600	3,300	600	100	200
Mathematical sciences	440,600	65,300	65,800	51,100	70,200	89,000	57,000	23,900	18,300
Male	286,800	37,500	39,600	33,700	44,500	61,200	40,700	17,600	12,000
Female	153,800	27,900	26,200	17,400	25,700	27,900	16,400	6,200	6,200
Life/related sciences, total	1,073,100	173,600	174,600	198,200	213,100	138,200	82,100	40,100	53,300
Male	658,900	88,800	90,100	116,900	137,700	101,500	56,100	29,800	37,900
Female	414,300	84,700	84,500	81,300	75,400	36,700	26,000	10,300	15,400
Agricultural/food sciences	204,300	21,900	31,000	46,200	38,000	20,700	16,600	11,400	18,600
Male	155,400	14,000	19,900	30,900	27,600	18,500	16,100	10,700	17,800
Female	48,900	7,900	11,100	15,300	10,400	2,200	500	600	900
Biological sciences	785,100	139,500	130,100	133,300	155,200	108,800	60,500	25,300	32,400
Male	440,300	68,000	62,800	72,500	93,700	74,300	35,500	15,700	17,900
Female	344,800	71,500	67,300	60,800	61,500	34,500	25,000	9,600	14,500
Environmental life sciences	83,700	12,200	13,400	18,700	19,900	8,700	5,100	3,400	2,300
Male	63,200	6,800	7,400	13,600	16,400	8,700	4,600	3,400	2,300
Female	20,500	5,400	6,100	5,100	3,400	S	500	S	S
Physical/related sciences, total	599,800	93,400	94,700	93,000	85,100	83,800	59,400	42,300	48,000
Male	481,600	66,000	73,000	74,000	68,300	72,100	50,900	37,200	40,100
Female	118,100	27,400	21,700	19,000	16,800	11,700	8,400	5,100	8,000
Chemistry, except biochemistry	262,800	38,100	36,800	33,700	35,900	38,000	32,400	21,900	26,000
Male	193,600	24,200	25,700	24,500	27,500	29,100	25,500	17,600	19,400
Female	69,200	13,800	11,100	9,200	8,400	8,900	6,800	4,300	6,700
Earth science, geology and oceanography	144,100	20,900	28,600	31,800	23,300	16,900	6,600	5,800	10,000
Male	121,600	14,900	23,600	26,300	18,800	16,600	6,100	5,700	9,500
Female	22,500	6,000	5,000	5,500	4,600	300	500	200	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: 1993

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	142,100	26,200	20,900	19,700	17,700	20,600	16,300	12,200	8,400
Male	128,100	22,100	18,100	17,000	16,300	19,400	15,400	11,600	8,200
Female	14,000	4,100	2,800	2,700	1,400	1,200	1,000	600	300
Other physical sciences	26,700	4,500	5,400	3,500	5,600	3,900	2,100	700	1,000
Male	19,500	2,700	3,600	2,700	4,200	2,900	2,100	700	600
Female	7,200	1,800	1,800	800	1,500	1,000	S	S	400
Social/related sciences, total	2,611,200	528,900	444,900	422,500	482,700	374,900	165,800	83,200	108,200
Male	1,384,700	236,700	195,100	204,100	282,200	235,300	101,100	58,100	72,100
Female	1,226,500	292,200	249,800	218,400	200,500	139,700	64,700	25,100	36,100
Economics	395,000	77,900	72,400	58,300	55,400	47,800	31,600	21,000	30,600
Male	307,700	52,900	47,200	42,300	48,000	42,900	27,200	19,500	27,600
Female	87,300	25,000	25,200	16,000	7,400	4,900	4,400	1,500	3,000
Political/related sciences	481,400	112,000	90,800	65,200	80,300	65,300	32,400	14,600	20,700
Male	318,300	66,800	52,500	35,400	61,700	52,500	23,700	11,200	14,500
Female	163,100	45,200	38,300	29,800	18,700	12,800	8,700	3,400	6,200
Psychology	960,700	214,800	174,100	179,800	188,300	121,400	38,400	18,300	25,500
Male	394,800	69,400	50,100	68,100	91,800	68,000	22,300	11,800	13,400
Female	565,900	145,500	124,100	111,800	96,500	53,500	16,100	6,500	12,100
Sociology/anthropology	485,900	77,900	60,000	73,300	108,400	89,700	39,900	18,700	18,100
Male	204,600	25,100	21,200	34,300	50,300	42,700	14,300	9,300	7,500
Female	281,300	52,800	38,800	39,000	58,100	47,000	25,600	9,400	10,600
Other social sciences	288,200	46,200	47,600	45,900	50,300	50,700	23,600	10,600	13,400
Male	159,400	22,500	24,100	24,100	30,400	29,200	13,600	6,200	9,200
Female	128,900	23,700	23,500	21,800	19,900	21,400	10,000	4,300	4,200
Engineering, total	1,833,700	304,000	363,200	309,900	224,100	221,000	147,900	116,700	146,900
Male	1,689,700	262,400	315,800	277,100	214,100	215,400	145,400	114,700	144,900
Female	144,000	41,700	47,300	32,800	10,000	5,600	2,500	2,000	2,000
Aerospace/related engineering	78,900	14,900	16,600	11,500	9,500	9,600	7,400	5,100	4,400
Male	75,200	13,500	15,400	10,900	9,100	9,600	7,200	5,100	4,400
Female	3,700	1,300	1,200	600	400	S	200	S	S
Chemical engineering	135,000	16,700	26,000	24,900	15,700	17,600	12,800	8,400	12,900
Male	113,300	11,500	19,100	19,900	14,300	16,200	11,800	8,000	12,400
Female	21,700	5,200	6,900	5,000	1,400	1,400	1,000	400	500
Civil/architectural engineering	310,300	40,000	52,600	52,900	47,500	41,200	25,700	20,100	30,300
Male	285,000	33,800	45,600	46,500	44,700	39,900	25,400	19,600	29,600
Female	25,300	6,200	7,000	6,500	2,800	1,300	200	500	700
Electrical/related engineering	544,300	109,100	121,600	90,900	63,000	59,400	42,300	31,700	26,400
Male	510,600	98,100	108,700	84,000	61,600	58,800	42,100	30,900	26,400
Female	33,800	11,000	12,800	6,900	1,500	600	200	700	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: 1993

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	103,300	19,900	20,600	14,700	11,100	14,100	6,300	5,000	11,700
Male	87,800	13,900	16,200	11,100	10,100	14,100	6,300	5,000	11,200
Female	15,600	5,900	4,400	3,600	1,000	100	S	S	500
Mechanical engineering	371,500	60,500	74,300	57,500	39,200	42,700	31,700	30,400	35,300
Male	353,100	55,200	67,700	53,900	37,700	41,900	31,000	30,400	35,300
Female	18,400	5,300	6,600	3,500	1,500	700	700	S	100
Other engineering	289,900	42,900	51,000	57,600	38,100	36,400	21,800	16,100	25,900
Male	264,700	36,300	43,100	50,900	36,700	34,900	21,500	15,700	25,800
Female	25,100	6,600	7,900	6,800	1,400	1,600	300	400	100
Non-S&E degrees, total	2,757,700	443,900	588,000	562,500	521,000	298,400	162,100	90,800	90,900
Male	1,898,400	249,200	363,700	373,600	388,600	236,600	129,100	77,300	80,300
Female	859,300	194,700	224,400	188,900	132,400	61,800	33,100	13,500	10,600
Bachelor's									
All degree fields, total	5,727,200	997,600	1,104,200	978,300	913,000	725,600	400,600	266,100	341,800
Male	3,876,700	576,200	693,200	652,600	633,300	532,500	291,800	220,400	276,700
Female	1,850,500	421,400	411,000	325,700	279,700	193,100	108,900	45,700	65,100
S&E degree fields, total	5,172,600	948,500	968,600	848,800	811,100	662,600	366,900	244,600	321,600
Male	3,500,000	549,600	606,500	567,100	558,200	485,600	269,800	203,300	259,900
Female	1,672,600	398,900	362,100	281,700	252,900	176,900	97,100	41,300	61,700
Sciences, total	3,814,400	748,600	695,000	610,300	652,700	507,000	263,000	146,900	190,800
Male	2,249,900	378,100	369,200	354,400	407,800	334,600	168,000	107,200	130,600
Female	1,564,500	370,500	325,800	255,900	244,800	172,500	95,000	39,800	60,200
Computer/math sciences, total	663,800	138,600	196,800	103,900	72,700	72,500	44,300	19,800	15,400
Male	431,000	84,400	123,800	70,600	50,300	49,200	29,200	14,200	9,300
Female	232,800	54,200	73,000	33,300	22,400	23,300	15,000	5,500	6,100
Computer/information sciences	346,200	93,200	145,600	68,700	24,200	11,300	2,300	600	200
Male	232,500	59,500	95,000	48,100	18,400	9,100	1,800	500	100
Female	113,600	33,700	50,600	20,500	5,800	2,200	500	100	200
Mathematical sciences	317,700	45,300	51,200	35,200	48,500	61,100	41,900	19,200	15,100
Male	198,500	24,900	28,800	22,400	31,900	40,100	27,400	13,700	9,200
Female	119,200	20,400	22,400	12,800	16,600	21,000	14,500	5,500	5,900
Life/related sciences, total	773,600	120,800	118,800	145,600	161,600	95,600	55,700	29,900	45,700
Male	462,400	60,000	59,800	83,900	101,700	68,400	35,900	21,500	31,400
Female	311,200	60,800	59,000	61,700	59,800	27,200	19,800	8,400	14,300
Agricultural/food sciences	162,200	14,200	23,700	38,200	30,600	16,700	11,700	9,700	17,300
Male	123,300	8,600	14,600	25,500	22,400	14,900	11,400	9,300	16,600
Female	38,800	5,600	9,100	12,700	8,100	1,900	300	400	700
Biological sciences	546,400	97,200	85,900	93,900	114,300	72,100	39,300	17,600	26,200
Male	288,800	46,400	39,400	48,200	65,800	46,700	20,300	9,500	12,600
Female	257,600	50,800	46,500	45,800	48,500	25,400	19,000	8,000	13,600

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: 1993

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
Bachelor's — continued									
Environmental life sciences ...	65,000	9,400	9,300	13,500	16,700	6,800	4,700	2,600	2,200
Male	50,300	5,000	5,800	10,200	13,500	6,800	4,300	2,600	2,200
Female	14,700	4,400	3,500	3,300	3,100	S	400	S	S
Physical/related sciences, total	372,500	54,600	57,100	62,300	52,500	48,100	32,500	29,600	35,700
Male	290,500	38,000	42,500	48,900	40,600	40,200	26,900	25,400	28,200
Female	82,100	16,600	14,600	13,400	11,900	8,000	5,700	4,300	7,600
Chemistry, except biochemistry	168,800	24,200	20,900	22,000	22,800	23,400	19,300	16,100	20,100
Male	118,100	15,100	13,200	14,900	16,900	17,200	14,700	12,300	13,700
Female	50,700	9,100	7,700	7,100	5,900	6,200	4,600	3,800	6,300
Earth science, geology and oceanography	94,700	11,800	18,700	23,500	15,500	10,300	3,000	4,000	7,900
Male	80,300	8,400	15,900	20,100	11,800	10,100	2,500	4,000	7,500
Female	14,300	3,300	2,800	3,400	3,600	200	500	S	500
Physics/astronomy	70,700	13,400	11,400	10,800	7,600	8,000	7,700	7,300	4,600
Male	63,400	11,200	9,600	9,000	7,300	7,800	7,200	6,800	4,400
Female	7,400	2,200	1,700	1,800	300	200	400	500	200
Other physical sciences	18,800	2,300	3,700	2,500	5,000	2,800	1,200	600	800
Male	13,400	1,400	2,100	2,100	3,700	1,800	1,200	600	400
Female	5,500	900	1,600	400	1,200	1,000	S	S	400
Social/related sciences, total	2,004,400	434,700	322,300	298,500	365,800	290,800	130,500	67,700	94,100
Male	1,065,900	195,700	143,300	151,000	215,200	176,800	76,000	46,100	61,800
Female	938,500	238,900	179,100	147,400	150,700	114,000	54,500	21,600	32,300
Economics	332,800	68,200	61,800	48,500	42,800	38,800	25,800	17,500	29,500
Male	257,900	45,700	38,700	35,900	37,600	35,100	22,200	16,200	26,600
Female	74,900	22,500	23,100	12,600	5,200	3,700	3,600	1,400	2,900
Political/related sciences	407,400	100,300	77,600	53,600	65,100	52,800	27,300	12,500	18,100
Male	266,900	58,900	44,400	29,100	49,900	42,400	19,800	9,700	12,800
Female	140,500	41,400	33,200	24,500	15,200	10,400	7,600	2,800	5,300
Psychology	619,600	161,900	100,000	101,600	122,400	78,500	24,700	11,800	18,800
Male	249,700	52,600	26,500	40,200	59,200	42,600	12,400	7,500	8,800
Female	369,900	109,300	73,500	61,400	63,300	35,900	12,200	4,300	9,900
Sociology/anthropology	424,400	67,700	50,700	61,400	96,300	80,800	34,600	16,700	16,200
Male	170,800	21,000	17,700	26,700	43,900	36,200	11,700	7,500	6,100
Female	253,500	46,700	33,000	34,700	52,500	44,500	22,800	9,200	10,100
Other social sciences	220,300	36,600	32,200	33,400	39,200	40,000	18,200	9,100	11,600
Male	120,600	17,500	16,000	19,200	24,700	20,500	9,900	5,300	7,500
Female	99,700	19,100	16,200	14,200	14,500	19,500	8,300	3,800	4,000
Engineering, total	1,358,300	199,900	273,600	238,500	158,500	155,500	103,900	97,600	130,800
Male	1,250,200	171,500	237,200	212,800	150,400	151,100	101,800	96,200	129,200
Female	108,100	28,300	36,300	25,800	8,100	4,500	2,100	1,500	1,500

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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	57,600	10,300	14,100	9,200	7,200	5,400	3,400	4,100	4,000
Male	54,300	9,300	12,900	8,600	6,800	5,400	3,200	4,100	4,000
Female	3,300	1,100	1,100	600	400	S	200	S	S
Chemical engineering	97,700	10,800	18,500	20,600	10,100	12,100	9,000	5,900	10,500
Male	79,500	6,800	13,200	15,900	9,000	10,900	8,200	5,500	10,000
Female	18,200	4,100	5,400	4,800	1,100	1,200	800	400	500
Civil/architectural engineering	236,700	28,700	40,900	39,400	36,000	29,600	18,700	17,000	26,400
Male	216,900	24,000	35,300	34,100	33,600	28,800	18,600	16,700	25,900
Female	19,800	4,700	5,600	5,400	2,400	900	100	200	500
Electrical/related engineering	395,600	69,700	89,000	69,600	45,400	41,700	29,600	26,900	23,800
Male	370,200	62,000	79,100	64,200	44,200	41,200	29,400	26,400	23,800
Female	25,300	7,700	10,000	5,400	1,100	500	200	500	S
Industrial engineering	82,300	14,000	17,100	11,600	7,800	11,200	5,200	4,800	10,500
Male	70,200	10,000	13,600	8,600	6,900	11,100	5,200	4,800	10,000
Female	12,100	4,000	3,500	3,000	900	100	S	S	500
Mechanical engineering	301,000	44,300	61,200	48,800	30,100	33,700	25,200	25,600	32,100
Male	285,600	40,300	55,400	45,900	28,700	33,200	24,500	25,600	32,100
Female	15,400	4,000	5,800	2,900	1,400	500	700	S	S
Other engineering	187,000	22,000	32,200	39,300	21,800	21,800	12,800	13,500	23,600
Male	173,400	19,200	27,800	35,500	21,000	20,500	12,600	13,100	23,600
Female	13,600	2,800	4,400	3,800	800	1,300	200	400	S
Non-S&E degrees, total	554,500	49,100	135,600	129,500	101,900	63,000	33,700	21,500	20,200
Male	376,700	26,600	86,700	85,500	75,100	46,900	21,900	17,100	16,900
Female	177,900	22,600	48,900	44,000	26,800	16,200	11,800	4,400	3,300
Master's									
All degree fields, total	2,575,600	514,800	528,000	473,200	450,100	321,600	169,400	64,400	54,000
Male	1,688,100	302,800	312,900	284,900	311,800	244,900	133,600	52,700	44,300
Female	887,500	212,000	215,000	188,300	138,300	76,700	35,700	11,700	9,800
S&E degree fields, total	1,328,400	254,400	268,500	232,300	218,100	182,800	99,800	38,700	33,900
Male	907,400	165,700	165,400	139,700	148,900	144,100	82,000	32,700	28,900
Female	421,100	88,600	103,100	92,600	69,200	38,700	17,800	6,000	5,000
Sciences, total	937,700	168,400	192,100	171,700	164,500	132,500	65,600	22,700	20,200
Male	548,500	91,200	99,100	85,600	96,800	94,800	48,100	17,200	15,700
Female	389,200	77,200	93,000	86,200	67,600	37,700	17,500	5,500	4,500
Computer/math sciences, total	221,400	53,400	50,800	36,300	30,500	31,500	13,200	3,300	2,500
Male	156,300	36,200	35,100	25,600	19,200	24,200	11,400	2,600	2,100
Female	65,000	17,200	15,700	10,700	11,300	7,300	1,800	700	300

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: 1993

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	124,400	37,300	39,500	23,800	13,000	9,400	1,300	100	100
Male	91,000	26,800	27,100	17,200	10,200	8,400	1,200	100	100
Female	33,400	10,500	12,400	6,600	2,800	1,000	100	S	S
Mathematical sciences	97,000	16,100	11,300	12,500	17,500	22,000	11,900	3,200	2,400
Male	65,300	9,400	8,000	8,400	9,000	15,800	10,200	2,500	2,100
Female	31,600	6,700	3,300	4,100	8,500	6,300	1,700	700	300
Life/related sciences, total ...	151,000	25,900	27,400	26,100	28,700	21,500	14,700	4,100	2,600
Male	86,900	12,900	11,700	14,200	17,800	15,500	10,100	2,800	2,000
Female	64,100	13,000	15,700	12,000	10,900	6,100	4,600	1,300	600
Agricultural/food sciences	26,100	5,000	4,200	5,000	5,400	1,600	3,400	800	700
Male	18,300	3,400	2,900	3,100	3,300	1,300	3,300	500	500
Female	7,700	1,600	1,300	1,900	2,100	300	100	300	100
Biological sciences	110,200	18,600	19,800	16,600	21,100	18,500	11,100	2,600	1,800
Male	59,300	8,100	7,800	8,400	12,600	12,800	6,700	1,600	1,300
Female	50,900	10,500	12,000	8,200	8,500	5,700	4,400	1,000	500
Environmental life sciences ...	14,800	2,300	3,500	4,500	2,200	1,400	200	700	100
Male	9,300	1,500	1,000	2,700	1,900	1,400	100	700	100
Female	5,500	900	2,400	1,800	300	S	100	S	S
Physical/related sciences, total	111,300	22,100	19,400	13,900	15,900	17,100	12,400	5,000	5,500
Male	87,200	14,600	15,500	10,200	12,400	14,400	10,200	4,500	5,300
Female	24,200	7,500	3,900	3,700	3,500	2,700	2,200	500	200
Chemistry, except biochemistry	34,000	5,700	6,100	2,700	5,500	5,500	5,100	1,500	1,900
Male	23,300	2,900	4,900	1,800	3,800	3,600	3,300	1,200	1,800
Female	10,700	2,800	1,200	900	1,700	1,900	1,800	300	100
Earth science, geology and oceanography	34,000	6,400	7,600	6,200	4,900	4,500	1,900	800	1,800
Male	27,300	4,200	5,800	4,300	4,100	4,400	1,900	600	1,800
Female	6,700	2,200	1,800	1,800	700	100	S	100	S
Physics/astronomy	32,400	7,400	3,800	3,400	4,200	5,400	3,900	2,700	1,500
Male	28,100	6,100	3,300	3,000	3,400	4,700	3,500	2,600	1,400
Female	4,300	1,200	500	400	800	700	400	100	100
Other physical sciences	6,500	1,900	1,400	700	600	1,000	800	S	100
Male	5,000	1,100	1,200	300	300	1,000	800	S	100
Female	1,500	800	100	400	200	S	S	S	S
Social/related sciences, total	453,900	67,100	94,600	95,500	89,300	62,400	25,300	10,200	9,600
Male	218,100	27,500	36,800	35,600	47,500	40,800	16,400	7,300	6,200
Female	235,800	39,600	57,800	59,900	41,800	21,600	8,900	2,900	3,400
Economics	41,800	6,800	7,300	6,500	9,000	5,300	3,600	2,700	500
Male	32,100	4,900	6,000	3,500	7,300	4,400	2,900	2,700	400
Female	9,700	1,900	1,300	3,000	1,700	900	700	100	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: 1993

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	58,300	9,200	10,800	9,400	12,200	9,600	3,700	1,500	2,000
Male	38,800	6,300	6,200	4,700	9,300	7,600	2,600	900	1,200
Female	19,500	2,900	4,600	4,700	2,900	2,000	1,000	500	800
Psychology	259,700	37,100	57,700	62,300	51,700	33,200	9,300	4,000	4,400
Male	98,000	10,200	16,000	19,100	23,500	18,100	6,300	2,200	2,500
Female	161,800	26,900	41,700	43,200	28,200	15,100	2,900	1,800	1,900
Sociology/anthropology	39,900	6,900	5,700	7,300	7,700	5,900	4,000	1,000	1,500
Male	20,000	2,400	1,800	4,900	3,400	4,100	1,500	900	1,000
Female	19,900	4,500	3,900	2,400	4,200	1,800	2,500	100	500
Other social sciences	54,200	7,100	13,200	9,900	8,700	8,300	4,700	1,100	1,300
Male	29,300	3,700	6,900	3,400	3,900	6,600	3,000	600	1,100
Female	24,900	3,400	6,300	6,500	4,800	1,700	1,600	500	100
Engineering, total	390,700	85,900	76,300	60,500	53,700	50,300	34,300	16,000	13,600
Male	358,900	74,500	66,300	54,100	52,100	49,300	33,900	15,500	13,200
Female	31,900	11,400	10,100	6,400	1,600	1,000	400	500	400
Aerospace/related engineering	17,900	4,000	2,000	2,100	1,800	3,400	3,300	900	300
Male	17,600	3,700	1,900	2,100	1,800	3,400	3,300	900	300
Female	400	300	100	S	S	S	S	S	S
Chemical engineering	24,800	3,500	5,300	2,800	3,800	3,500	2,200	1,800	1,900
Male	21,900	2,700	4,000	2,600	3,600	3,300	2,000	1,800	1,900
Female	2,900	800	1,300	200	300	100	200	S	100
Civil/architectural engineering	65,100	9,600	10,300	12,800	10,200	9,600	6,000	3,000	3,600
Male	59,900	8,100	9,000	11,700	9,900	9,300	5,900	2,600	3,400
Female	5,200	1,400	1,300	1,100	400	400	100	300	200
Electrical/related engineering	127,300	34,500	29,200	18,500	14,700	14,000	10,200	4,100	2,200
Male	119,600	31,500	26,500	17,100	14,400	13,900	10,200	3,800	2,200
Female	7,700	3,000	2,700	1,400	300	100	S	200	S
Industrial engineering	18,700	5,200	3,000	2,900	3,100	2,300	900	200	1,200
Male	15,700	3,600	2,300	2,300	2,900	2,300	900	200	1,200
Female	3,000	1,600	700	500	100	S	S	S	S
Mechanical engineering	59,900	13,200	11,500	7,400	7,700	7,200	5,400	4,500	3,000
Male	57,100	12,000	10,800	6,900	7,600	7,000	5,400	4,500	2,900
Female	2,800	1,200	700	500	100	200	S	S	100
Other engineering	76,900	15,900	15,000	14,000	12,400	10,300	6,300	1,600	1,400
Male	67,000	12,800	11,800	11,300	12,000	10,000	6,200	1,600	1,300
Female	9,900	3,100	3,200	2,700	400	200	100	S	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: 1993

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	1,247,100	260,500	259,500	240,900	231,900	138,800	69,500	25,700	20,200
Male	780,700	137,100	147,600	145,200	162,900	100,800	51,600	20,000	15,400
Female	466,400	123,400	111,900	95,700	69,000	38,000	17,900	5,700	4,800
Doctorate									
All degree fields, total	634,800	117,900	110,000	105,500	103,100	94,800	54,800	26,800	21,900
Male	499,400	79,200	76,700	77,500	84,300	84,900	51,000	25,300	20,500
Female	135,400	38,700	33,300	27,900	18,800	9,900	3,800	1,500	1,400
S&E degree fields, total	529,200	95,000	91,400	86,500	82,400	82,300	48,800	23,500	19,400
Male	421,000	64,400	65,000	65,200	68,200	73,000	45,200	22,000	18,200
Female	108,200	30,700	26,400	21,300	14,200	9,300	3,600	1,500	1,200
Sciences, total	444,500	76,800	78,200	75,600	70,300	67,100	39,100	20,500	17,000
Male	340,300	48,000	52,600	55,000	56,500	58,000	35,500	18,900	15,800
Female	104,200	28,800	25,500	20,600	13,900	9,100	3,600	1,500	1,200
Computer/math sciences, total	32,800	6,800	5,300	4,900	4,600	5,900	3,200	1,400	700
Male	28,800	5,500	4,500	4,300	4,000	5,300	3,000	1,400	700
Female	4,000	1,300	700	700	600	600	200	100	S
Computer/information sciences	6,800	2,900	1,900	1,500	400	100	S	S	S
Male	5,800	2,400	1,700	1,400	400	100	S	S	S
Female	1,000	600	300	200	S	S	S	S	S
Mathematical sciences	26,000	3,900	3,300	3,400	4,200	5,800	3,200	1,400	700
Male	23,000	3,100	2,900	2,900	3,700	5,300	3,000	1,400	700
Female	3,000	700	400	500	600	600	200	100	S
Life/related sciences, total ...	148,500	26,900	28,400	26,500	22,800	21,100	11,700	6,100	5,100
Male	109,600	16,000	18,600	18,900	18,100	17,700	10,100	5,500	4,600
Female	38,900	10,900	9,700	7,500	4,600	3,400	1,600	600	500
Agricultural/food sciences	16,100	2,600	3,200	2,900	2,000	2,400	1,400	900	600
Male	13,700	2,000	2,400	2,300	1,800	2,300	1,400	900	600
Female	2,300	600	800	600	200	100	S	S	S
Biological sciences	128,500	23,800	24,500	22,700	19,800	18,200	10,100	5,100	4,500
Male	92,200	13,600	15,600	15,900	15,300	14,800	8,500	4,500	4,000
Female	36,300	10,100	8,800	6,900	4,500	3,400	1,500	600	500
Environmental life sciences ...	3,900	500	700	800	1,000	500	200	100	S
Male	3,600	400	600	700	1,000	500	200	100	S
Female	300	100	100	100	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: 1993

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	115,900	16,700	18,200	16,900	16,600	18,600	14,400	7,600	6,800
Male	104,000	13,400	15,000	14,900	15,300	17,600	13,900	7,400	6,600
Female	11,900	3,300	3,200	1,900	1,300	1,000	600	300	200
Chemistry, except biochemistry	60,000	8,100	9,800	9,000	7,700	9,200	8,000	4,300	4,100
Male	52,200	6,100	7,600	7,800	6,800	8,400	7,500	4,100	3,900
Female	7,800	1,900	2,200	1,200	800	800	400	200	200
Earth science, geology and oceanography	15,400	2,800	2,400	2,200	3,000	2,200	1,600	1,000	300
Male	14,000	2,300	2,000	1,900	2,800	2,100	1,600	1,000	300
Female	1,400	500	400	200	200	100	S	S	S
Physics/astronomy	39,000	5,400	5,700	5,500	5,900	7,200	4,800	2,200	2,400
Male	36,600	4,800	5,100	5,000	5,600	7,000	4,700	2,200	2,300
Female	2,400	600	600	500	300	200	100	100	S
Other physical sciences	1,400	300	400	300	100	100	100	100	100
Male	1,200	200	300	200	100	100	100	100	100
Female	200	100	S	S	S	S	S	S	S
Social/related sciences, total	147,300	26,400	26,300	27,400	26,300	21,500	9,800	5,300	4,300
Male	98,000	13,200	14,500	16,900	19,000	17,400	8,500	4,700	3,900
Female	49,300	13,200	11,800	10,500	7,300	4,100	1,300	600	400
Economics	20,400	2,900	3,300	3,300	3,700	3,700	2,100	800	600
Male	17,700	2,300	2,600	2,900	3,200	3,400	2,100	700	600
Female	2,700	700	700	400	500	300	100	100	S
Political/related sciences	15,600	2,500	2,400	2,200	3,000	2,900	1,400	600	600
Male	12,600	1,500	1,900	1,700	2,500	2,500	1,300	600	600
Female	3,100	1,000	500	600	500	400	100	S	S
Psychology	75,900	15,200	14,700	14,700	12,900	9,500	4,200	2,500	2,200
Male	44,500	6,400	7,000	8,100	8,500	7,100	3,300	2,100	1,900
Female	31,400	8,800	7,700	6,600	4,400	2,400	900	400	300
Sociology/anthropology	21,700	3,300	3,700	4,600	4,400	3,100	1,300	1,000	400
Male	13,800	1,600	1,800	2,700	3,000	2,300	1,100	900	300
Female	7,900	1,600	1,900	1,900	1,400	700	200	100	100
Other social sciences	13,700	2,500	2,200	2,600	2,400	2,400	700	400	500
Male	9,500	1,400	1,200	1,500	1,800	2,100	600	300	500
Female	4,200	1,200	1,000	1,100	600	300	100	S	S
Engineering, total	84,700	18,200	13,200	10,900	12,000	15,200	9,700	3,000	2,500
Male	80,700	16,300	12,300	10,200	11,700	15,000	9,700	3,000	2,500
Female	4,000	1,900	900	700	300	200	S	S	S
Aerospace/related engineering	3,400	500	500	200	500	800	700	100	100
Male	3,400	500	500	200	500	700	700	100	100
Female	S	S	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: 1993

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	12,500	2,400	2,100	1,400	1,700	2,000	1,600	700	500
Male	11,800	2,100	1,900	1,300	1,700	2,000	1,600	700	500
Female	600	300	200	100	S	S	S	S	S
Civil/architectural engineering	8,500	1,800	1,400	700	1,200	2,000	900	200	300
Male	8,100	1,700	1,300	700	1,200	1,900	900	200	300
Female	300	100	100	S	S	100	S	S	S
Electrical/related engineering	21,400	4,900	3,400	2,800	3,000	3,700	2,500	700	400
Male	20,700	4,500	3,200	2,700	2,900	3,700	2,500	700	400
Female	700	300	200	200	100	S	S	S	S
Industrial engineering	2,300	700	400	100	200	600	100	100	S
Male	1,900	400	300	100	200	600	100	100	S
Female	400	300	100	S	S	S	S	S	S
Mechanical engineering	10,700	2,900	1,600	1,200	1,500	1,700	1,100	300	200
Male	10,400	2,900	1,600	1,200	1,400	1,700	1,100	300	200
Female	300	100	100	100	S	S	S	S	S
Other engineering	26,000	5,000	3,800	4,300	3,900	4,400	2,700	1,000	900
Male	24,400	4,300	3,500	4,000	3,700	4,400	2,700	1,000	900
Female	1,600	800	300	300	200	S	S	S	S
Non-S&E degrees, total	105,600	22,900	18,600	19,000	20,700	12,600	6,000	3,300	2,400
Male	78,400	14,800	11,700	12,400	16,100	11,900	5,900	3,300	2,300
Female	27,100	8,100	6,900	6,600	4,600	600	200	S	200

1 Includes professional degrees

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 are employed in an S&E occupation.
 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 Studies Division, 1993 SESTAT (Scientists and Engineers Statistical Data System)