Table B-2. U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment status: 1997

Level and field of highest degree, and sex	S&Es, total	Employed			Unemployed/seeking job	Not in labor force		
		Total	Full-time	Part-time		Total	Retired	Not seeking job
All degree levels[1]								
All degree fields, total	12,530,700	10,585,600	9,476,700	1,109,000	193,700	1,751,400	1,005,100	746,300
Male	8,103,400	7,037,600	6,589,100	448,600	113,500	952,200	754,400	197,800
Female	4,427,300	3,548,000	2,887,600	660,400	80,200	799,200	250,700	548,500
S&E degree fields, total	9,269,200	7,704,000	6,891,200	812,800	150,500	1,414,700	787,500	627,200
Male	5,983,600	5,119,400	4,793,200	326,200	89,500	774,700	602,100	172,600
Female	3,285,600	2,584,500	2,098,000	486,500	61,000	640,000	185,500	454,500
Sciences, total	6,977,800	5,794,700	5,093,400	701,300	115,700	1,067,300	498,400	569,000
Male	3,897,000	3,382,800	3,145,000	237,800	59,500	454,700	316,300	138,300
Female	3,080,800	2,411,900	1,948,400	463,500	56,200	612,700	182,000	430,700
Computer/math sciences, total	1,136,000	1,003,300	925,300	78,000	16,700	116,000	63,000	53,000
Male	742,900	678,500	650,500	28,000	8,300	56,100	44,600	11,400
Female	393,100	324,800	274,800	50,000	8,400	59,900	18,400	41,500
Computer/information sciences	581,500	543,800	518,900	24,800	9,500	28,300	6,100	22,200
Male	402,400	388,700	381,500	7,300	4,000	9,700	4,700	5,000
Female	179,100	155,000	137,400	17,600	5,500	18,600	1,300	17,200
Mathematical sciences	554,500	459,500	406,400	53,100	7,200	87,800	57,000	30,800
Male	340,400	289,700	269,000	20,700	4,300	46,400	39,900	6,500
Female	214,100	169,800	137,400	32,400	2,900	41,400	17,100	24,300
Life/related sciences, total	1,475,600	1,204,700	1,061,800	142,800	23,300	247,600	103,900	143,700
Male	852,400	722,600	670,600	52,000	11,200	118,500	71,800	46,800
Female	623,200	482,000	391,200	90,800	12,100	129,100	32,200	96,900
Agricultural/food sciences	260,300	218,700	196,400	22,200	3,800	37,800	25,300	12,500
Male	193,500	163,800	152,700	11,100	2,600	27,100	23,800	3,300
Female	66,800	54,900	43,700	11,100	1,300	10,700	1,600	9,100
Biological sciences	1,103,800	889,100	777,900	111,200	18,000	196,700	70,300	126,400
Male	578,100	487,300	450,600	36,700	8,100	82,700	40,100	42,500
Female	525,700	401,800	327,400	74,400	9,900	114,000	30,200	83,900
Environmental life sciences	111,500	96,900	87,500	9,400	1,500	13,100	8,300	4,800
Male	80,800	71,500	67,300	4,200	500	8,800	7,800	900
Female	30,700	25,400	20,200	5,200	1,000	4,400	500	3,900
Physical/related sciences, total	773,200	619,200	559,100	60,100	12,400	141,600	92,500	49,100
Male	588,200	487,400	449,000	38,400	9,900	90,900	72,700	18,200
Female	185,000	131,800	110,100	21,700	2,500	50,700	19,800	30,900
Chemistry, except biochemistry	359,500	275,100	250,700	24,500	6,700	77,700	49,900	27,800
Male	246,300	198,000	183,700	14,300	5,100	43,100	33,800	9,400
Female	113,200	77,100	67,000	10,100	1,500	34,500	16,200	18,400
Earth science, geology and oceanography	174,700	146,900	132,600	14,200	2,800	25,100	16,900	8,100
Male	143,600	122,200	113,500	8,700	2,000	19,400	16,000	3,400
Female	31,200	24,700	19,200	5,500	800	5,700	1,000	4,700

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

Table B-2. U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment status: 1997

Level and field of highest degree, and sex	S&Es, total	Employed			Unemployed/seeking job	Not in labor force		
		Total	Full-time	Part-time		Total	Retired	Not seeking job
All degree levels[1] — continued								
Physics/astronomy	173,000	144,100	130,000	14,200	2,600	26,200	18,800	7,500
Male	154,000	129,900	118,900	11,000	2,500	21,600	17,500	4,000
Female	18,900	14,200	11,000	3,200	S	4,700	1,200	3,400
Other physical sciences	66,000	53,000	45,800	7,200	400	12,600	6,900	5,700
Male	44,300	37,200	32,900	4,300	300	6,800	5,400	1,400
Female	21,700	15,800	12,900	2,900	100	5,800	1,500	4,300
Social/related sciences, total	3,593,000	2,967,600	2,547,200	420,400	63,300	562,100	238,900	323,300
Male	1,713,500	1,494,300	1,374,900	119,400	30,100	189,100	127,200	61,900
Female	1,879,500	1,473,300	1,172,300	301,000	33,200	373,000	111,600	261,300
Economics	485,600	402,800	370,300	32,500	6,200	76,600	47,400	29,100
Male	361,900	309,600	290,100	19,500	4,600	47,700	39,000	8,700
Female	123,700	93,200	80,200	13,000	1,600	28,900	8,500	20,400
Political/related sciences	664,400	558,700	493,300	65,400	13,700	92,000	38,000	54,000
Male	409,300	357,900	327,500	30,400	8,700	42,600	26,000	16,600
Female	255,100	200,700	165,700	35,000	5,000	49,400	12,000	37,400
Psychology	1,339,800	1,112,800	919,500	193,300	24,000	203,000	73,100	129,900
Male	485,200	425,500	390,400	35,100	10,200	49,500	31,200	18,300
Female	854,600	687,300	529,000	158,200	13,800	153,500	41,800	111,600
Sociology/anthropology	699,300	558,600	477,400	81,100	12,500	128,200	51,000	77,100
Male	260,900	228,600	209,500	19,100	4,200	28,100	15,100	13,000
Female	438,400	330,000	268,000	62,000	8,400	100,000	35,900	64,100
Other social sciences	403,900	334,800	286,700	48,100	6,800	62,400	29,300	33,100
Male	196,200	172,700	157,300	15,400	2,400	21,200	15,900	5,300
Female	207,700	162,100	129,400	32,700	4,400	41,200	13,400	27,800
Engineering, total	2,291,400	1,909,200	1,797,700	111,500	34,800	347,300	289,200	58,200
Male	2,086,600	1,736,600	1,648,200	88,500	30,000	320,000	285,700	34,300
Female	204,800	172,600	149,600	23,000	4,900	27,300	3,400	23,900
Aerospace/related engineering	95,500	77,400	72,600	4,700	700	17,400	15,000	2,500
Male	89,700	72,200	67,900	4,300	700	16,800	15,000	1,900
Female	5,800	5,200	4,800	400	S	600	S	600
Chemical engineering	172,000	138,400	131,400	7,000	1,900	31,700	26,700	4,900
Male	144,600	115,100	110,500	4,600	1,200	28,300	26,200	2,200
Female	27,400	23,300	20,900	2,400	800	3,300	600	2,800
Civil/architectural engineering	380,700	322,300	301,400	20,900	5,700	52,700	40,800	11,900
Male	342,900	290,400	274,000	16,400	5,100	47,500	40,300	7,200
Female	37,800	31,900	27,400	4,500	700	5,200	500	4,700
Electrical/related engineering	686,500	582,100	556,100	26,000	11,600	92,700	76,800	15,900
Male	636,600	541,200	519,100	22,000	10,200	85,200	76,000	9,200
Female	49,900	40,900	36,900	4,000	1,400	7,500	800	6,700

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

Table B-2. U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment status: 1997

Level and field of highest degree, and sex	S&Es, total	Employed			Unemployed/seeking job	Not in labor force		
		Total	Full-time	Part-time		Total	Retired	Not seeking job
All degree levels[1] — continued								
Industrial engineering	130,600	105,400	97,900	7,500	2,500	22,800	18,500	4,300
Male	109,500	87,100	82,500	4,600	2,100	20,300	18,400	1,900
Female	21,200	18,300	15,400	2,900	400	2,500	100	2,400
Mechanical engineering	468,800	386,100	364,700	21,400	6,000	76,700	66,400	10,300
Male	443,100	365,000	346,400	18,700	5,500	72,600	66,100	6,500
Female	25,600	21,000	18,300	2,700	500	4,100	200	3,800
Other engineering	357,300	297,500	273,700	23,800	6,400	53,400	45,000	8,400
Male	320,200	265,600	247,800	17,800	5,300	49,300	43,800	5,500
Female	37,200	31,900	25,900	6,100	1,100	4,100	1,300	2,900
Non-S&E degrees, total	3,261,500	2,881,700	2,585,500	296,200	43,200	336,700	217,600	119,100
Male	2,119,700	1,918,200	1,795,900	122,300	24,000	177,500	152,300	25,200
Female	1,141,800	963,500	789,600	173,900	19,200	159,200	65,200	93,900
Bachelor's								
All degree fields, total	7,469,000	6,193,700	5,545,400	648,300	125,200	1,150,100	604,800	545,300
Male	4,734,100	4,056,500	3,811,600	244,900	72,400	605,200	462,600	142,500
Female	2,734,900	2,137,200	1,733,700	403,500	52,700	544,900	142,200	402,800
S&E degree fields, total	6,906,400	5,683,700	5,076,700	607,000	117,000	1,105,700	579,400	526,300
Male	4,360,800	3,709,600	3,479,900	229,800	68,100	583,000	443,000	140,100
Female	2,545,600	1,974,100	1,596,800	377,300	48,900	522,700	136,400	386,300
Sciences, total	5,212,100	4,303,400	3,779,700	523,700	89,600	819,100	338,400	480,700
Male	2,816,600	2,453,600	2,289,900	163,800	44,500	318,500	204,400	114,100
Female	2,395,500	1,849,800	1,489,900	359,900	45,100	500,600	134,000	366,600
Computer/math sciences, total	817,000	721,600	667,500	54,100	11,400	83,900	40,800	43,200
Male	516,600	474,600	457,800	16,900	5,100	36,800	29,100	7,700
Female	300,400	246,900	209,700	37,200	6,300	47,100	11,700	35,500
Computer/information sciences	410,600	385,000	368,000	17,000	6,400	19,200	2,000	17,200
Male	276,100	269,500	265,100	4,400	2,200	4,400	1,500	2,900
Female	134,500	115,500	102,800	12,700	4,200	14,800	500	14,300
Mathematical sciences	406,400	336,600	299,500	37,100	5,000	64,800	38,800	26,000
Male	240,500	205,200	192,600	12,500	2,900	32,400	27,600	4,800
Female	165,900	131,400	106,900	24,500	2,100	32,300	11,200	21,200
Life/related sciences, total	1,090,600	884,500	774,200	110,300	17,200	189,000	67,800	121,200
Male	608,900	515,700	480,300	35,400	8,000	85,200	45,300	39,900
Female	481,800	368,800	293,900	74,900	9,200	103,800	22,500	81,300
Agricultural/food sciences	208,600	175,200	158,400	16,800	3,000	30,400	20,400	10,000
Male	154,900	130,600	123,200	7,400	2,000	22,400	19,600	2,800
Female	53,700	44,600	35,200	9,400	1,000	8,100	900	7,200
Biological sciences	796,400	634,500	549,300	85,300	13,200	148,700	41,400	107,300
Male	390,800	328,900	304,600	24,300	5,600	56,200	19,700	36,500
Female	405,600	305,600	244,700	61,000	7,600	92,400	21,700	70,800

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

Table B-2. U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment status: 1997

Level and field of highest degree, and sex	S&Es, total	Employed			Unemployed/seeking job	Not in labor force		
		Total	Full-time	Part-time		Total	Retired	Not seeking job
Bachelor's — continued								
Environmental life sciences	85,600	74,800	66,600	8,200	1,000	9,900	6,000	3,900
Male	63,200	56,200	52,500	3,700	400	6,600	6,000	600
Female	22,500	18,500	14,100	4,500	600	3,300	S	3,300
Physical/related sciences, total	489,000	381,900	341,700	40,200	8,000	99,200	60,900	38,300
Male	356,100	292,800	268,700	24,100	6,100	57,200	44,300	12,900
Female	133,000	89,100	73,000	16,100	1,900	42,000	16,600	25,400
Chemistry, except biochemistry	239,200	176,100	158,800	17,300	4,300	58,900	35,300	23,500
Male	153,600	121,300	111,700	9,600	3,000	29,300	21,500	7,800
Female	85,600	54,800	47,100	7,700	1,200	29,600	13,900	15,700
Earth science, geology and oceanography	114,400	96,300	87,100	9,100	2,100	16,100	11,100	5,000
Male	94,600	80,700	75,300	5,400	1,400	12,600	10,600	2,000
Female	19,800	15,600	11,800	3,800	700	3,500	600	3,000
Physics/astronomy	86,100	68,800	61,300	7,500	1,400	15,900	10,900	5,000
Male	75,800	62,300	56,900	5,300	1,400	12,100	10,000	2,200
Female	10,300	6,500	4,400	2,200	S	3,700	900	2,800
Other physical sciences	49,300	40,700	34,400	6,300	300	8,300	3,500	4,700
Male	32,000	28,600	24,700	3,800	300	3,200	2,200	900
Female	17,300	12,200	9,600	2,500	S	5,100	1,300	3,800
Social/related sciences, total	2,815,500	2,315,500	1,996,400	319,100	52,900	447,000	168,900	278,100
Male	1,335,100	1,170,500	1,083,100	87,400	25,300	139,300	85,700	53,600
Female	1,480,400	1,145,000	913,300	231,700	27,600	307,700	83,200	224,500
Economics	408,200	337,300	311,200	26,100	5,100	65,700	39,000	26,700
Male	301,600	258,800	243,900	14,900	3,800	39,000	31,500	7,400
Female	106,600	78,500	67,300	11,200	1,400	26,700	7,500	19,200
Political/related sciences	563,300	476,100	420,900	55,200	12,900	74,300	26,500	47,800
Male	342,900	302,400	278,300	24,100	8,100	32,300	16,900	15,500
Female	220,400	173,700	142,600	31,100	4,800	41,900	9,600	32,300
Psychology	910,900	750,000	621,600	128,400	18,800	142,200	39,500	102,700
Male	318,100	279,800	258,800	21,000	8,500	29,900	15,800	14,000
Female	592,800	470,200	362,800	107,400	10,400	112,300	23,700	88,600
Sociology/anthropology	623,000	496,300	423,500	72,800	10,700	116,000	44,100	71,800
Male	223,200	196,900	180,900	15,900	2,900	23,400	11,300	12,100
Female	399,800	299,400	242,500	56,900	7,900	92,500	32,800	59,700
Other social sciences	310,100	255,900	219,300	36,600	5,400	48,900	19,800	29,100
Male	149,400	132,600	121,200	11,400	2,100	14,700	10,200	4,500
Female	160,700	123,300	98,100	25,200	3,300	34,200	9,600	24,600
Engineering, total	1,694,300	1,380,300	1,297,000	83,300	27,400	286,600	241,000	45,600
Male	1,544,200	1,256,000	1,190,000	66,000	23,700	264,500	238,500	26,000
Female	150,100	124,300	106,900	17,300	3,800	22,100	2,400	19,700

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

Table B-2. U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment status: 1997

Level and field of highest degree, and sex	S&Es, total	Employed			Unemployed/seeking job	Not in labor force		
		Total	Full-time	Part-time		Total	Retired	Not seeking job
Bachelor's — continued								
Aerospace/related engineering	69,000	55,200	51,800	3,400	500	13,300	11,500	1,800
Male	64,100	50,900	47,700	3,100	500	12,700	11,500	1,200
Female	4,900	4,400	4,100	300	S	600	S	600
Chemical engineering	128,100	102,100	97,000	5,100	1,500	24,500	20,400	4,100
Male	104,900	82,200	79,300	2,900	900	21,800	20,200	1,600
Female	23,200	19,900	17,700	2,200	700	2,700	200	2,400
Civil/architectural engineering	293,500	243,800	227,100	16,700	4,700	45,100	35,400	9,700
Male	264,600	219,800	206,800	13,100	4,200	40,600	35,100	5,600
Female	28,900	23,900	20,300	3,600	500	4,400	300	4,200
Electrical/related engineering	496,100	413,200	394,900	18,300	9,400	73,500	62,000	11,500
Male	460,800	384,400	368,900	15,500	8,600	67,800	61,300	6,500
Female	35,300	28,800	26,000	2,800	800	5,700	700	5,000
Industrial engineering	101,700	79,300	73,600	5,700	2,400	20,000	16,300	3,700
Male	85,600	65,800	62,500	3,400	2,000	17,800	16,200	1,600
Female	16,100	13,500	11,200	2,300	400	2,200	100	2,100
Mechanical engineering	381,700	308,500	291,000	17,400	4,600	68,600	59,600	9,000
Male	360,800	292,000	276,900	15,000	4,100	64,800	59,500	5,300
Female	20,900	16,500	14,100	2,400	500	3,800	100	3,700
Other engineering	224,200	178,200	161,500	16,700	4,400	41,600	35,800	5,800
Male	203,400	160,900	148,000	13,000	3,500	38,900	34,800	4,100
Female	20,800	17,300	13,600	3,700	900	2,700	1,000	1,700
Non-S&E degrees, total	562,600	510,000	468,700	41,300	8,200	44,400	25,400	19,000
Male	373,300	346,900	331,800	15,100	4,300	22,100	19,700	2,400
Female	189,300	163,100	136,900	26,200	3,900	22,300	5,800	16,500
Master's								
All degree fields, total	3,316,800	2,819,800	2,503,300	316,500	52,300	444,700	289,600	155,100
Male	2,068,000	1,800,500	1,675,000	125,500	29,900	237,600	197,100	40,400
Female	1,248,800	1,019,300	828,300	191,000	22,400	207,100	92,500	114,600
S&E degree fields, total	1,698,100	1,431,600	1,273,100	158,500	25,400	241,100	154,900	86,200
Male	1,114,100	960,000	890,400	69,600	15,100	139,000	112,600	26,400
Female	584,100	471,600	382,700	88,900	10,300	102,100	42,300	59,800
Sciences, total	1,209,600	1,001,000	866,400	134,600	19,400	189,200	114,200	75,000
Male	673,300	571,600	520,800	50,900	10,000	91,700	72,800	18,900
Female	536,300	429,400	345,600	83,800	9,400	97,600	41,400	56,100
Computer/math sciences, total	278,900	244,700	222,800	21,800	4,900	29,300	20,100	9,200
Male	191,900	172,100	162,400	9,700	2,900	16,900	13,600	3,200
Female	86,900	72,500	60,500	12,100	2,000	12,400	6,500	6,000
Computer/information sciences	160,800	148,800	141,400	7,500	3,100	8,800	4,100	4,700
Male	117,700	110,900	108,200	2,700	1,800	5,100	3,300	1,800
Female	43,000	37,900	33,100	4,800	1,300	3,700	800	2,900

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

Table B-2. U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment status: 1997

Level and field of highest degree, and sex	S&Es, total	Employed			Unemployed/seeking job	Not in labor force		
		Total	Full-time	Part-time		Total	Retired	Not seeking job
Master's — continued								
Mathematical sciences	118,100	95,800	81,500	14,300	1,800	20,500	16,000	4,500
Male	74,200	61,200	54,100	7,100	1,200	11,800	10,400	1,400
Female	43,900	34,600	27,300	7,300	600	8,700	5,600	3,000
Life/related sciences, total	197,000	156,600	136,500	20,100	3,200	37,200	20,100	17,100
Male	110,000	90,500	80,900	9,600	1,200	18,300	13,600	4,700
Female	87,000	66,100	55,600	10,500	2,100	18,900	6,600	12,300
Agricultural/food sciences	31,900	26,700	22,300	4,300	600	4,600	2,600	2,000
Male	21,900	19,100	16,200	2,800	300	2,500	2,000	500
Female	10,000	7,600	6,100	1,500	200	2,200	600	1,500
Biological sciences	144,700	112,500	97,700	14,800	2,300	29,800	15,700	14,100
Male	75,300	60,400	53,900	6,500	800	14,200	10,200	4,000
Female	69,300	52,100	43,800	8,300	1,500	15,700	5,500	10,200
Environmental life sciences	20,400	17,400	16,400	1,000	300	2,700	1,800	900
Male	12,700	11,000	10,700	300	100	1,600	1,400	300
Female	7,700	6,300	5,700	700	300	1,100	400	600
Physical/related sciences, total	142,700	114,500	102,000	12,600	2,400	25,700	17,800	7,900
Male	107,700	86,300	78,100	8,200	2,200	19,200	15,500	3,700
Female	35,000	28,200	23,800	4,400	300	6,500	2,300	4,200
Chemistry, except biochemistry	46,200	36,500	32,700	3,700	1,100	8,600	6,200	2,400
Male	29,800	23,500	21,400	2,000	1,000	5,300	4,600	700
Female	16,400	13,000	11,300	1,700	100	3,400	1,600	1,700
Earth science, geology and oceanography	41,700	34,400	30,500	3,900	400	7,000	4,200	2,800
Male	32,300	27,000	24,600	2,400	300	4,900	3,800	1,200
Female	9,400	7,400	5,900	1,500	100	2,000	400	1,600
Physics/astronomy	40,000	33,200	29,100	4,100	800	6,000	4,200	1,800
Male	34,800	28,600	25,200	3,300	800	5,400	4,000	1,400
Female	5,200	4,600	3,800	800	S	500	200	400
Other physical sciences	14,800	10,500	9,700	800	100	4,200	3,300	900
Male	10,900	7,300	6,800	400	S	3,600	3,100	500
Female	3,900	3,200	2,900	400	100	600	100	500
Social/related sciences, total	591,100	485,300	405,100	80,100	8,800	97,000	56,200	40,900
Male	263,700	222,700	199,400	23,300	3,700	37,300	30,100	7,200
Female	327,400	262,600	205,700	56,800	5,100	59,700	26,100	33,700
Economics	52,800	44,000	39,300	4,700	900	7,900	5,800	2,100
Male	39,500	32,700	29,600	3,100	700	6,000	5,000	1,000
Female	13,300	11,200	9,700	1,600	200	1,800	800	1,000
Political/related sciences	82,700	66,000	57,100	8,900	600	16,100	10,100	6,000
Male	51,600	42,300	37,100	5,200	400	8,900	7,800	1,100
Female	31,100	23,800	20,100	3,700	200	7,200	2,300	4,900

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

Table B-2. U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment status: 1997

Level and field of highest degree, and sex	S&Es, total	Employed			Unemployed/seeking job	Not in labor force		
		Total	Full-time	Part-time		Total	Retired	Not seeking job
Master's — continued								
Psychology	328,800	271,500	220,700	50,800	4,700	52,700	28,100	24,600
Male	114,500	98,100	88,700	9,400	1,400	15,000	11,100	3,800
Female	214,300	173,300	132,000	41,400	3,300	37,700	16,900	20,700
Sociology/anthropology	50,200	39,500	33,800	5,700	1,400	9,300	4,600	4,700
Male	21,900	18,200	16,100	2,100	1,000	2,600	2,000	700
Female	28,300	21,300	17,700	3,600	400	6,600	2,600	4,000
Other social sciences	76,600	64,300	54,300	10,000	1,200	11,100	7,600	3,600
Male	36,300	31,300	27,900	3,400	200	4,700	4,100	600
Female	40,300	33,000	26,400	6,600	1,000	6,400	3,400	2,900
Engineering, total	488,500	430,600	406,700	23,900	6,000	51,900	40,700	11,200
Male	440,800	388,400	369,600	18,800	5,100	47,300	39,800	7,500
Female	47,700	42,200	37,100	5,100	900	4,600	900	3,700
Aerospace/related engineering	22,000	18,200	16,900	1,300	200	3,700	3,000	600
Male	21,200	17,400	16,300	1,100	200	3,600	3,000	600
Female	800	800	700	100	S	S	S	S
Chemical engineering	28,700	23,000	21,700	1,300	200	5,600	4,900	700
Male	25,400	20,300	19,200	1,100	200	5,000	4,600	400
Female	3,300	2,700	2,600	100	S	600	300	300
Civil/architectural engineering	77,200	69,200	65,500	3,600	900	7,100	5,200	2,000
Male	69,000	61,800	58,900	2,900	800	6,400	4,900	1,500
Female	8,200	7,400	6,700	700	100	700	200	500
Electrical/related engineering	161,500	142,700	135,700	7,000	1,900	17,000	12,800	4,100
Male	148,500	131,900	126,100	5,800	1,300	15,200	12,800	2,400
Female	13,000	10,700	9,600	1,200	600	1,800	100	1,700
Industrial engineering	25,400	22,800	21,300	1,500	100	2,500	2,000	500
Male	21,100	18,700	17,700	1,000	100	2,300	2,000	200
Female	4,300	4,100	3,600	500	S	300	S	300
Mechanical engineering	74,100	65,800	62,300	3,500	1,200	7,100	5,900	1,200
Male	69,800	61,700	58,500	3,200	1,200	6,900	5,800	1,100
Female	4,300	4,100	3,800	300	S	200	100	100
Other engineering	99,500	89,100	83,300	5,800	1,500	8,900	6,800	2,100
Male	85,800	76,600	73,000	3,600	1,300	7,900	6,700	1,200
Female	13,700	12,500	10,300	2,200	200	1,000	100	900
Non-S&E degrees, total	1,618,700	1,388,200	1,230,200	158,000	26,900	203,600	134,700	68,900
Male	953,900	840,500	784,600	55,900	14,800	98,600	84,500	14,100
Female	664,800	547,700	445,600	102,000	12,100	105,000	50,200	54,800
Doctorate								
All degree fields, total	790,500	696,000	637,400	58,700	9,800	84,600	67,700	16,900
Male	599,900	528,000	494,900	33,100	7,100	64,800	58,400	6,400
Female	190,600	168,000	142,500	25,600	2,700	19,900	9,300	10,600

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

Table B-2. U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment status: 1997

Level and field of highest degree, and sex	S&Es, total	Employed			Unemployed/seeking job	Not in labor force		
		Total	Full-time	Part-time		Total	Retired	Not seeking job
Doctorate — continued								
S&E degree fields, total	654,900	580,300	534,300	46,000	8,200	66,500	52,600	13,800
Male	504,100	446,000	420,200	25,800	6,300	51,800	45,900	5,900
Female	150,800	134,300	114,100	20,200	1,900	14,700	6,700	8,000
Sciences, total	546,400	482,000	440,400	41,700	6,800	57,600	45,200	12,500
Male	402,500	353,900	331,800	22,100	5,000	43,600	38,500	5,000
Female	143,900	128,200	108,600	19,600	1,700	14,100	6,600	7,400
Computer/math sciences, total	39,900	36,900	34,900	2,000	400	2,700	2,200	500
Male	34,100	31,500	30,300	1,300	300	2,300	1,900	400
Female	5,800	5,300	4,600	700	100	400	300	100
Computer/information sciences	9,900	9,700	9,500	200	S	100	S	100
Male	8,300	8,200	8,000	100	S	100	S	100
Female	1,600	1,600	1,500	100	S	S	S	S
Mathematical sciences	30,000	27,200	25,400	1,700	300	2,500	2,200	300
Male	25,800	23,400	22,300	1,100	200	2,200	1,900	300
Female	4,200	3,800	3,100	600	100	300	300	100
Life/related sciences, total	186,500	162,500	150,600	11,900	2,900	21,100	16,000	5,100
Male	132,400	115,400	108,900	6,500	2,100	14,900	12,900	1,900
Female	54,100	47,100	41,700	5,400	800	6,200	3,100	3,100
Agricultural/food sciences	19,600	16,800	15,700	1,100	300	2,600	2,300	200
Male	16,700	14,100	13,200	900	300	2,300	2,200	100
Female	2,900	2,700	2,500	200	S	300	100	200
Biological sciences	161,700	141,200	130,600	10,600	2,500	18,000	13,200	4,800
Male	111,100	97,300	91,900	5,500	1,700	12,100	10,200	1,900
Female	50,600	43,900	38,800	5,100	800	5,900	3,000	2,900
Environmental life sciences	5,100	4,500	4,200	200	100	500	500	S
Male	4,500	4,000	3,800	200	100	500	500	S
Female	600	500	400	100	S	S	S	S
Physical/related sciences, total	140,800	122,200	114,900	7,300	2,000	16,700	13,800	2,900
Male	123,800	107,700	101,700	6,000	1,700	14,500	12,900	1,600
Female	17,000	14,500	13,300	1,200	300	2,200	900	1,300
Chemistry, except biochemistry	74,000	62,500	59,100	3,500	1,300	10,200	8,400	1,800
Male	62,800	53,200	50,500	2,700	1,100	8,600	7,700	900
Female	11,100	9,300	8,500	800	200	1,600	700	900
Earth science, geology and oceanography	18,400	16,100	14,900	1,200	300	2,000	1,600	400
Male	16,500	14,300	13,400	900	300	1,900	1,600	300
Female	1,900	1,700	1,500	200	100	100	S	100
Physics/astronomy	46,500	41,800	39,300	2,500	300	4,400	3,700	700
Male	43,100	38,700	36,500	2,300	300	4,000	3,500	500
Female	3,400	3,000	2,800	200	S	400	200	200

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

Table B-2. U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment status: 1997

Level and field of highest degree, and sex	S&Es, total	Employed			Unemployed/seeking job	Not in labor force		
		Total	Full-time	Part-time		Total	Retired	Not seeking job
Doctorate — continued								
Other physical sciences	2,000	1,800	1,700	100	S	100	100	100
Male	1,400	1,400	1,300	100	S	S	S	S
Female	500	400	400	S	S	100	100	S
Social/related sciences, total	179,200	160,500	139,900	20,600	1,500	17,200	13,200	4,000
Male	112,200	99,200	90,900	8,300	1,000	12,000	10,800	1,100
Female	67,000	61,300	49,000	12,200	500	5,200	2,400	2,900
Economics	24,700	21,500	19,900	1,600	200	3,000	2,600	400
Male	20,900	18,100	16,700	1,400	100	2,700	2,400	300
Female	3,800	3,500	3,200	300	S	300	200	100
Political/related sciences	18,400	16,500	15,200	1,300	300	1,600	1,400	200
Male	14,800	13,200	12,200	1,000	200	1,400	1,300	100
Female	3,600	3,300	3,000	300	S	200	100	100
Psychology	92,900	85,000	71,500	13,500	500	7,300	4,900	2,400
Male	50,200	45,700	41,500	4,200	300	4,100	3,700	400
Female	42,700	39,300	30,100	9,300	200	3,200	1,200	1,900
Sociology/anthropology	26,100	22,800	20,200	2,600	400	2,900	2,300	600
Male	15,800	13,500	12,400	1,100	300	2,000	1,800	200
Female	10,300	9,300	7,800	1,500	100	900	500	400
Other social sciences	17,200	14,600	13,100	1,500	200	2,300	1,900	400
Male	10,600	8,800	8,200	600	100	1,700	1,500	200
Female	6,600	5,900	5,000	900	100	600	400	300
Engineering, total	108,500	98,200	93,900	4,300	1,400	8,800	7,500	1,400
Male	101,600	92,100	88,400	3,700	1,300	8,200	7,400	900
Female	6,900	6,100	5,500	600	200	600	100	500
Aerospace/related engineering	4,500	4,000	3,900	100	S	500	400	100
Male	4,500	4,000	3,900	100	S	500	400	100
Female	100	100	100	S	S	S	S	S
Chemical engineering	15,200	13,300	12,600	600	200	1,700	1,400	200
Male	14,300	12,600	12,100	600	200	1,600	1,400	100
Female	900	700	600	100	100	100	S	100
Civil/architectural engineering	10,000	9,400	8,800	600	100	500	300	200
Male	9,300	8,800	8,400	400	100	500	300	100
Female	600	600	400	200	S	S	S	S
Electrical/related engineering	28,900	26,300	25,500	800	300	2,200	1,900	300
Male	27,300	24,900	24,200	700	300	2,200	1,900	200
Female	1,500	1,400	1,400	100	S	100	S	100
Industrial engineering	3,500	3,300	3,000	300	S	200	100	100
Male	2,800	2,600	2,300	200	S	200	100	100
Female	700	700	700	S	S	S	S	S

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

Table B-2. U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment status: 1997

Level and field of highest degree, and sex	S&Es, total	Employed			Unemployed/seeking job	Not in labor force		
		Total	Full-time	Part-time		Total	Retired	Not seeking job
Doctorate — continued								
Mechanical engineering	12,900	11,800	11,300	500	200	900	900	100
Male	12,500	11,400	10,900	500	200	900	900	100
Female	400	400	400	S	S	S	S	S
Other engineering	33,500	30,100	28,700	1,400	500	2,800	2,400	400
Male	30,900	27,900	26,700	1,200	500	2,400	2,300	100
Female	2,600	2,200	2,000	200	100	400	100	300
Non-S&E degrees, total	135,600	115,800	103,100	12,700	1,600	18,100	15,100	3,100
Male	95,800	82,000	74,700	7,300	800	13,000	12,500	500
Female	39,800	33,700	28,400	5,400	800	5,200	2,500	2,600

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 were employed in a S&E occupation during either the 1993, 1995 or 1997 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 Studies Division, 1997 SESTAT (Scientists and Engineers Statistical Data System)