Table B-2. U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment status: 1993

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	11,615,200	9,793,500	8,793,000	1,000,500	322,200	1,499,500	830,800	668,700
Male	7,747,300	6,729,500	6,316,800	412,700	213,800	804,000	627,200	176,800
Female	3,867,900	3,064,100	2,476,200	587,800	108,400	695,400	203,500	491,900
S&E degree fields, total	8,571,000	7,035,800	6,276,800	759,000	272,500	1,262,600	681,500	581,100
Male	5,692,900	4,831,100	4,513,900	317,200	180,800	681,100	526,400	154,700
Female	2,878,000	2,204,700	1,763,000	441,800	91,800	581,500	155,100	426,400
Sciences, total	6,354,300	5,202,100	4,558,700	643,300	201,200	951,100	427,900	523,100
Male	3,648,700	3,141,300	2,921,200	220,100	115,200	392,100	275,200	116,900
Female	2,705,600	2,060,700	1,637,500	423,200	86,000	558,900	152,700	406,200
Computer/math sciences, total	1,046,400	918,000	846,900	71,200	30,100	98,300	44,600	53,700
Male	675,100	616,200	585,500	30,700	20,800	38,200	28,300	9,800
Female	371,300	301,800	261,400	40,400	9,400	60,100	16,300	43,800
Computer/information sciences	515,100	477,400	453,900	23,400	15,400	22,400	2,500	19,900
Male	344,600	329,300	320,500	8,800	10,200	5,100	1,800	3,300
Female	170,500	148,000	133,400	14,600	5,200	17,300	800	16,500
Mathematical sciences	531,300	440,600	392,900	47,700	14,700	75,900	42,100	33,800
Male	330,500	286,800	264,900	21,900	10,600	33,100	26,600	6,500
Female	200,800	153,800	128,000	25,800	4,100	42,800	15,500	27,300
Life/related sciences, total	1,322,600	1,073,100	932,200	141,000	30,200	219,200	91,700	127,600
Male	773,800	658,900	614,700	44,200	16,000	98,900	59,600	39,400
Female	548,800	414,300	317,500	96,800	14,300	120,300	32,100	88,200
Agricultural/food sciences	243,700	204,300	183,900	20,400	7,100	32,200	21,500	10,700
Male	185,000	155,400	145,200	10,200	5,200	24,400	20,300	4,200
Female	58,700	48,900	38,800	10,100	2,000	7,800	1,200	6,600
Biological sciences	982,000	785,100	673,800	111,300	21,200	175,700	62,700	113,000
Male	515,600	440,300	409,500	30,700	9,300	66,000	32,300	33,700
Female	466,300	344,800	264,300	80,500	11,800	109,700	30,400	79,300
Environmental life sciences	97,000	83,700	74,400	9,300	2,000	11,300	7,400	3,800
Male	73,200	63,200	60,000	3,200	1,500	8,500	7,000	1,500
Female	23,800	20,500	14,400	6,100	500	2,800	400	2,400
Physical/related sciences, total	760,700	599,800	535,400	64,400	23,300	137,600	92,200	45,400
Male	592,700	481,600	442,000	39,600	17,600	93,400	74,500	18,900
Female	168,100	118,100	93,400	24,700	5,700	44,200	17,700	26,500
Chemistry, except biochemistry	345,000	262,800	238,500	24,200	9,600	72,600	47,200	25,400
Male	242,300	193,600	181,500	12,100	5,700	43,000	35,100	7,900
Female	102,700	69,200	57,000	12,200	3,900	29,600	12,100	17,500
Earth science, geology and oceanography	175,900	144,100	128,000	16,000	6,000	25,800	17,600	8,300
Male	146,600	121,600	110,400	11,200	5,300	19,700	16,000	3,700
Female	29,300	22,500	17,600	4,900	700	6,100	1,600	4,500

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: 1993

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	173,900	142,100	123,800	18,300	5,200	26,600	18,400	8,200
Male	155,900	128,100	114,100	14,000	4,700	23,100	17,200	5,800
Female	18,000	14,000	9,800	4,300	400	3,500	1,100	2,400
Other physical sciences	34,800	26,700	23,500	3,200	1,200	6,900	5,000	2,000
Male	24,200	19,500	17,900	1,600	1,000	3,600	2,600	1,100
Female	10,700	7,200	5,600	1,600	200	3,300	2,400	900
Social/related sciences, total	3,224,500	2,611,200	2,244,300	366,900	117,500	495,900	199,500	296,400
Male	1,607,100	1,384,700	1,279,100	105,600	60,800	161,600	112,800	48,800
Female	1,617,400	1,226,500	965,200	261,300	56,700	334,300	86,600	247,600
Economics	482,300	395,000	356,200	38,700	15,500	71,900	45,800	26,100
Male	363,400	307,700	284,700	22,900	11,400	44,300	37,100	7,200
Female	118,900	87,300	71,500	15,800	4,100	27,500	8,700	18,800
Political/related sciences	579,800	481,400	429,600	51,700	24,300	74,100	33,900	40,100
Male	368,600	318,300	295,300	23,000	15,800	34,500	24,100	10,400
Female	211,200	163,100	134,400	28,700	8,600	39,500	9,900	29,700
Psychology	1,177,600	960,700	796,200	164,500	41,400	175,500	53,500	122,000
Male	456,700	394,800	361,400	33,400	19,500	42,400	23,800	18,600
Female	720,900	565,900	434,800	131,100	21,900	133,100	29,700	103,400
Sociology/anthropology	635,300	485,900	415,800	70,100	25,600	123,800	39,800	84,000
Male	236,500	204,600	189,500	15,100	9,500	22,400	14,800	7,600
Female	398,900	281,300	226,300	55,000	16,100	101,400	25,000	76,500
Other social sciences	349,500	288,200	246,500	41,800	10,700	50,600	26,500	24,200
Male	182,000	159,400	148,300	11,100	4,700	18,000	13,000	5,000
Female	167,500	128,900	98,200	30,700	6,000	32,700	13,500	19,200
Engineering, total	2,216,700	1,833,700	1,718,100	115,600	71,400	311,600	253,600	58,000
Male	2,044,200	1,689,700	1,592,600	97,100	65,500	289,000	251,200	37,800
Female	172,400	144,000	125,500	18,500	5,800	22,600	2,400	20,100
Aerospace/related engineering	100,800	78,900	72,900	6,000	3,400	18,500	15,300	3,200
Male	96,400	75,200	69,800	5,400	3,400	17,800	15,300	2,500
Female	4,400	3,700	3,000	700	S	700	S	700
Chemical engineering	169,900	135,000	126,300	8,700	2,800	32,100	27,000	5,100
Male	143,000	113,300	106,500	6,700	1,900	27,800	26,200	1,600
Female	26,900	21,700	19,700	2,000	900	4,300	800	3,500
Civil/architectural engineering	365,000	310,300	290,400	19,900	10,500	44,200	35,700	8,400
Male	335,900	285,000	268,000	17,000	9,400	41,500	35,600	6,000
Female	29,100	25,300	22,400	2,900	1,100	2,700	200	2,500
Electrical/related engineering	648,700	544,300	515,400	28,900	25,300	79,100	61,600	17,500
Male	607,600	510,600	484,300	26,300	23,600	73,400	61,000	12,400
Female	41,100	33,800	31,100	2,600	1,700	5,700	600	5,100

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: 1993

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	126,900	103,300	95,400	7,900	3,800	19,800	16,000	3,800
Male	109,200	87,800	82,700	5,000	3,600	17,800	16,000	1,800
Female	17,700	15,600	12,700	2,900	200	2,000	S	2,000
Mechanical engineering	454,500	371,500	350,200	21,300	14,500	68,500	60,900	7,600
Male	433,400	353,100	334,200	18,900	13,800	66,500	60,700	5,800
Female	21,100	18,400	16,100	2,400	700	2,000	200	1,800
Other engineering	350,200	289,900	267,100	22,800	11,100	49,200	37,100	12,100
Male	318,600	264,700	247,100	17,700	9,800	44,000	36,400	7,600
Female	31,600	25,100	20,000	5,100	1,300	5,200	700	4,500
Non-S&E degrees, total	3,044,200	2,757,700	2,516,100	241,600	49,600	236,900	149,200	87,600
Male	2,054,300	1,898,400	1,802,900	95,500	33,000	123,000	100,800	22,100
Female	989,900	859,300	713,300	146,100	16,600	113,900	48,400	65,500
Bachelor's								
All degree fields, total	6,975,000	5,727,200	5,110,700	616,500	225,600	1,022,200	525,800	496,400
Male	4,555,000	3,876,700	3,638,300	238,400	145,700	532,600	403,800	128,800
Female	2,420,000	1,850,500	1,472,400	378,000	80,000	489,600	122,000	367,600
S&E degree fields, total	6,402,200	5,172,600	4,607,000	565,600	222,000	1,007,500	518,500	488,900
Male	4,168,200	3,500,000	3,277,900	222,200	143,500	524,700	398,600	126,100
Female	2,233,900	1,672,600	1,329,200	343,400	78,500	482,800	120,000	362,800
Sciences, total	4,726,000	3,814,400	3,334,000	480,400	165,200	746,500	303,700	442,800
Male	2,623,100	2,249,900	2,098,900	151,000	91,100	282,100	185,700	96,400
Female	2,102,900	1,564,500	1,235,100	329,400	74,100	464,300	117,900	346,400
Computer/math sciences, total	761,100	663,800	614,600	49,200	23,700	73,600	31,500	42,100
Male	473,000	431,000	412,700	18,400	15,800	26,100	18,800	7,400
Female	288,100	232,800	201,900	30,800	7,800	47,500	12,800	34,700
Computer/information sciences	374,000	346,200	331,400	14,700	11,200	16,600	900	15,700
Male	242,600	232,500	228,400	4,200	7,000	3,100	700	2,400
Female	131,400	113,600	103,000	10,600	4,300	13,500	200	13,300
Mathematical sciences	387,100	317,700	283,200	34,500	12,400	57,000	30,600	26,300
Male	230,400	198,500	184,300	14,200	8,800	23,000	18,100	5,000
Female	156,700	119,200	98,900	20,300	3,600	33,900	12,500	21,400
Life/related sciences, total	966,400	773,600	660,200	113,400	23,600	169,200	62,700	106,500
Male	545,600	462,400	430,500	32,000	11,700	71,400	37,900	33,500
Female	420,800	311,200	229,800	81,400	11,800	97,800	24,800	73,000
Agricultural/food sciences	192,000	162,200	147,100	15,000	6,000	23,800	15,900	8,000
Male	145,500	123,300	116,700	6,700	4,400	17,800	14,800	3,000
Female	46,500	38,800	30,500	8,400	1,600	6,000	1,100	5,000
Biological sciences	698,500	546,400	456,000	90,400	15,900	136,200	41,100	95,000
Male	341,400	288,800	266,200	22,600	6,000	46,600	17,400	29,200
Female	357,100	257,600	189,800	67,800	9,900	89,600	23,800	65,800

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: 1993

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	75,900	65,000	57,000	7,900	1,700	9,200	5,700	3,500
Male	58,600	50,300	47,600	2,700	1,300	7,000	5,700	1,300
Female	17,300	14,700	9,500	5,200	400	2,200	S	2,200
Physical/related sciences, total	489,700	372,500	329,700	42,900	15,800	101,400	67,200	34,200
Male	366,800	290,500	267,100	23,400	11,400	65,000	52,000	12,900
Female	122,900	82,100	62,600	19,500	4,400	36,400	15,200	21,200
Chemistry, except biochemistry	231,800	168,800	151,300	17,500	6,700	56,400	35,100	21,300
Male	152,300	118,100	110,500	7,500	3,500	30,700	24,300	6,400
Female	79,500	50,700	40,700	10,000	3,100	25,700	10,800	14,900
Earth science, geology and oceanography	116,900	94,700	83,300	11,300	3,800	18,400	13,100	5,200
Male	97,900	80,300	72,600	7,700	3,300	14,200	12,200	2,000
Female	19,000	14,300	10,800	3,600	500	4,200	900	3,300
Physics/astronomy	91,300	70,700	61,300	9,500	3,100	17,500	12,500	5,000
Male	81,400	63,400	56,600	6,800	2,900	15,100	11,500	3,700
Female	9,900	7,400	4,700	2,700	200	2,300	1,000	1,300
Other physical sciences	24,700	18,800	16,700	2,200	1,000	4,900	3,600	1,300
Male	16,300	13,400	12,700	700	800	2,200	1,600	600
Female	8,300	5,500	4,000	1,500	200	2,700	2,000	700
Social/related sciences, total	2,508,800	2,004,400	1,729,500	274,900	102,100	402,300	142,200	260,100
Male	1,237,700	1,065,900	988,600	77,300	52,100	119,600	77,100	42,600
Female	1,271,100	938,500	740,900	197,600	50,000	282,600	65,200	217,500
Economics	407,100	332,800	300,700	32,100	13,700	60,600	37,600	23,000
Male	303,800	257,900	240,100	17,800	10,400	35,400	29,500	5,900
Female	103,300	74,900	60,600	14,300	3,200	25,200	8,100	17,100
Political/related sciences	489,100	407,400	364,900	42,500	22,300	59,400	23,600	35,800
Male	306,000	266,900	247,700	19,200	14,000	25,100	15,400	9,700
Female	183,100	140,500	117,200	23,300	8,400	34,300	8,200	26,100
Psychology	783,800	619,600	514,200	105,400	32,900	131,300	28,200	103,100
Male	292,100	249,700	229,400	20,300	15,300	27,100	11,400	15,700
Female	491,700	369,900	284,800	85,100	17,600	104,200	16,800	87,400
Sociology/anthropology	559,800	424,400	363,300	61,000	24,100	111,300	33,800	77,500
Male	197,900	170,800	159,100	11,700	8,900	18,200	11,500	6,700
Female	361,900	253,500	204,200	49,400	15,200	93,100	22,300	70,800
Other social sciences	269,000	220,300	186,400	33,900	9,100	39,700	19,000	20,600
Male	137,900	120,600	112,300	8,300	3,500	13,800	9,300	4,500
Female	131,100	99,700	74,100	25,600	5,500	25,900	9,700	16,200
Engineering, total	1,676,100	1,358,300	1,273,100	85,200	56,900	261,000	214,900	46,100
Male	1,545,100	1,250,200	1,179,000	71,200	52,400	242,500	212,800	29,700
Female	131,000	108,100	94,100	14,100	4,400	18,500	2,000	16,400

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: 1993

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	73,700	57,600	53,100	4,400	2,800	13,300	10,900	2,500
Male	69,800	54,300	50,500	3,800	2,800	12,700	10,900	1,900
Female	3,900	3,300	2,700	600	S	600	S	600
Chemical engineering	127,500	97,700	91,500	6,200	2,200	27,600	23,100	4,500
Male	104,700	79,500	74,600	4,800	1,400	23,800	22,500	1,300
Female	22,800	18,200	16,900	1,300	700	3,800	600	3,200
Civil/architectural engineering	283,600	236,700	221,400	15,300	8,800	38,000	31,500	6,500
Male	260,900	216,900	203,600	13,300	8,000	36,000	31,400	4,500
Female	22,700	19,800	17,800	1,900	900	2,100	100	1,900
Electrical/related engineering	480,400	395,600	375,100	20,500	18,800	66,000	51,700	14,400
Male	449,100	370,200	351,600	18,600	17,400	61,500	51,100	10,500
Female	31,200	25,300	23,500	1,900	1,400	4,500	600	3,900
Industrial engineering	102,800	82,300	75,600	6,600	3,300	17,200	14,300	2,900
Male	88,900	70,200	66,200	4,000	3,300	15,400	14,300	1,100
Female	13,900	12,100	9,400	2,600	S	1,800	S	1,800
Mechanical engineering	374,100	301,000	285,400	15,600	12,200	61,000	54,800	6,200
Male	356,400	285,600	272,000	13,500	11,700	59,200	54,600	4,600
Female	17,700	15,400	13,300	2,100	500	1,800	200	1,600
Other engineering	233,700	187,000	170,400	16,600	8,800	37,800	28,600	9,200
Male	215,200	173,400	160,400	13,000	7,900	33,900	28,000	5,900
Female	18,500	13,600	10,000	3,600	900	3,900	600	3,400
Non-S&E degrees, total	572,800	554,500	503,700	50,900	3,600	14,700	7,300	7,400
Male	386,700	376,700	360,400	16,300	2,200	7,900	5,200	2,700
Female	186,100	177,900	143,200	34,600	1,400	6,800	2,100	4,700
Master's								
All degree fields, total	3,011,700	2,575,600	2,288,400	287,200	74,600	361,600	223,500	138,000
Male	1,930,800	1,688,100	1,564,900	123,100	52,200	190,500	155,500	35,000
Female	1,081,000	887,500	723,400	164,100	22,400	171,100	68,100	103,000
S&E degree fields, total	1,571,900	1,328,400	1,169,500	158,900	40,500	203,000	122,600	80,400
Male	1,051,900	907,400	831,900	75,500	29,400	115,100	92,300	22,700
Female	520,100	421,100	337,600	83,400	11,100	87,900	30,300	57,600
Sciences, total	1,123,600	937,700	805,400	132,300	27,400	158,600	89,000	69,600
Male	640,600	548,500	495,600	52,900	17,600	74,500	58,900	15,500
Female	483,000	389,200	309,800	79,300	9,800	84,100	30,000	54,100
Computer/math sciences, total	250,600	221,400	200,700	20,700	6,100	23,100	11,800	11,300
Male	171,700	156,300	144,900	11,400	4,600	10,700	8,400	2,300
Female	78,900	65,000	55,800	9,200	1,500	12,400	3,400	9,000
Computer/information sciences	134,200	124,400	115,800	8,600	4,100	5,700	1,600	4,000
Male	96,100	91,000	86,500	4,600	3,200	1,900	1,100	800
Female	38,100	33,400	29,400	4,000	1,000	3,700	500	3,200

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: 1993

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	116,400	97,000	84,800	12,100	2,000	17,400	10,200	7,200
Male	75,600	65,300	58,400	6,900	1,500	8,800	7,400	1,400
Female	40,800	31,600	26,400	5,200	500	8,600	2,800	5,800
Life/related sciences, total	187,500	151,000	131,500	19,500	3,900	32,600	16,200	16,300
Male	104,200	86,900	78,800	8,100	2,300	14,900	11,400	3,600
Female	83,400	64,100	52,700	11,400	1,600	17,600	4,800	12,800
Agricultural/food sciences	33,100	26,100	21,700	4,400	700	6,300	3,800	2,500
Male	23,500	18,300	15,600	2,800	500	4,700	3,600	1,000
Female	9,600	7,700	6,100	1,600	200	1,700	100	1,500
Biological sciences	137,800	110,200	96,200	14,000	3,000	24,600	11,200	13,500
Male	70,100	59,300	54,300	5,000	1,700	9,200	6,800	2,400
Female	67,600	50,900	41,900	9,000	1,300	15,400	4,300	11,100
Environmental life sciences	16,700	14,800	13,600	1,200	200	1,600	1,300	300
Male	10,500	9,300	9,000	400	100	1,100	900	200
Female	6,200	5,500	4,700	800	100	600	400	200
Physical/related sciences, total	139,200	111,300	96,000	15,400	4,500	23,400	14,100	9,300
Male	108,100	87,200	75,500	11,600	3,800	17,100	12,200	4,900
Female	31,100	24,200	20,400	3,700	600	6,300	1,900	4,400
Chemistry, except biochemistry	44,000	34,000	30,500	3,500	1,500	8,500	5,300	3,200
Male	29,900	23,300	21,100	2,200	1,100	5,600	4,600	1,000
Female	14,000	10,700	9,400	1,300	400	2,900	800	2,200
Earth science, geology and oceanography	41,500	34,000	30,200	3,800	1,800	5,800	3,000	2,700
Male	32,800	27,300	24,500	2,700	1,600	3,900	2,400	1,600
Female	8,700	6,700	5,700	1,100	200	1,800	600	1,200
Physics/astronomy	39,100	32,400	25,400	6,900	1,000	5,700	3,100	2,600
Male	33,900	28,100	22,400	5,700	1,000	4,900	3,100	1,800
Female	5,200	4,300	3,000	1,200	100	800	S	800
Other physical sciences	8,700	6,500	5,500	1,000	200	2,000	1,400	600
Male	6,600	5,000	4,100	900	200	1,400	900	500
Female	2,100	1,500	1,400	100	S	600	400	200
Social/related sciences, total	546,300	453,900	377,300	76,700	12,900	79,500	46,800	32,700
Male	256,600	218,100	196,400	21,700	6,800	31,700	26,900	4,800
Female	289,700	235,800	180,900	54,900	6,000	47,800	19,900	27,900
Economics	52,300	41,800	36,400	5,400	1,500	9,000	6,100	2,900
Male	39,600	32,100	27,900	4,100	700	6,900	5,700	1,200
Female	12,600	9,700	8,500	1,200	800	2,200	500	1,700
Political/related sciences	73,300	58,300	49,800	8,600	1,700	13,200	9,200	4,000
Male	48,500	38,800	35,500	3,300	1,500	8,100	7,700	500
Female	24,800	19,500	14,300	5,200	200	5,100	1,500	3,500

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: 1993

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	304,300	259,700	210,700	49,100	7,100	37,500	20,900	16,600
Male	111,800	98,000	88,200	9,800	3,100	10,800	8,700	2,100
Female	192,400	161,800	122,400	39,300	4,000	26,700	12,200	14,500
Sociology/anthropology	51,500	39,900	33,100	6,800	1,200	10,400	4,500	5,900
Male	23,300	20,000	17,700	2,300	400	2,800	2,100	700
Female	28,200	19,900	15,400	4,500	800	7,600	2,300	5,200
Other social sciences	65,100	54,200	47,400	6,800	1,400	9,400	6,200	3,200
Male	33,400	29,300	27,100	2,200	1,000	3,100	2,800	300
Female	31,700	24,900	20,300	4,700	400	6,300	3,400	2,900
Engineering, total	448,300	390,700	364,100	26,700	13,100	44,500	33,700	10,800
Male	411,300	358,900	336,300	22,600	11,800	40,600	33,400	7,200
Female	37,000	31,900	27,800	4,100	1,300	3,900	300	3,600
Aerospace/related engineering	23,300	17,900	16,500	1,500	500	4,900	4,200	700
Male	22,900	17,600	16,100	1,400	500	4,800	4,200	600
Female	400	400	300	S	S	100	S	100
Chemical engineering	28,800	24,800	22,800	2,100	400	3,500	3,100	400
Male	25,400	21,900	20,500	1,500	300	3,100	2,900	200
Female	3,400	2,900	2,300	600	100	400	200	200
Civil/architectural engineering	72,600	65,100	61,100	4,000	1,700	5,800	4,000	1,800
Male	66,500	59,900	56,700	3,200	1,400	5,200	3,900	1,300
Female	6,100	5,200	4,400	800	300	600	100	500
Electrical/related engineering	145,100	127,300	119,800	7,500	6,200	11,600	8,800	2,800
Male	136,000	119,600	112,800	6,800	5,800	10,500	8,800	1,700
Female	9,100	7,700	7,000	700	300	1,100	S	1,100
Industrial engineering	21,600	18,700	17,600	1,200	400	2,500	1,600	900
Male	18,200	15,700	14,700	1,000	200	2,300	1,600	700
Female	3,400	3,000	2,800	200	100	200	S	200
Mechanical engineering	69,000	59,900	54,600	5,300	2,200	6,900	5,600	1,300
Male	65,800	57,100	52,100	5,000	2,000	6,700	5,600	1,100
Female	3,200	2,800	2,500	300	200	200	S	200
Other engineering	87,700	76,900	71,700	5,200	1,800	9,100	6,500	2,600
Male	76,500	67,000	63,200	3,700	1,500	8,000	6,500	1,500
Female	11,300	9,900	8,500	1,400	300	1,100	S	1,100
Non-S&E degrees, total	1,439,800	1,247,100	1,118,900	128,300	34,100	158,500	100,900	57,700
Male	878,900	780,700	733,000	47,600	22,800	75,400	63,100	12,300
Female	560,900	466,400	385,800	80,600	11,300	83,100	37,800	45,300
Doctorate								
All degree fields, total	706,700	634,800	590,400	44,300	11,200	60,700	47,400	13,200
Male	554,600	499,400	473,300	26,100	9,000	46,100	40,200	5,900
Female	152,100	135,400	117,100	18,200	2,200	14,600	7,200	7,300

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: 1993

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	589,600	529,200	495,100	34,200	9,600	50,800	39,600	11,300
Male	468,700	421,000	401,800	19,300	7,400	40,300	34,700	5,600
Female	120,900	108,200	93,300	14,900	2,200	10,600	4,900	5,700
Sciences, total	497,400	444,500	414,100	30,400	8,200	44,700	34,500	10,200
Male	380,900	340,300	324,400	15,900	6,100	34,500	29,700	4,700
Female	116,600	104,200	89,700	14,500	2,100	10,300	4,800	5,500
Computer/math sciences, total	34,800	32,800	31,600	1,200	400	1,600	1,300	300
Male	30,400	28,800	27,900	900	300	1,300	1,100	200
Female	4,400	4,000	3,700	400	S	300	200	100
Computer/information sciences	6,900	6,800	6,700	100	100	100	S	100
Male	5,900	5,800	5,700	100	S	100	S	100
Female	1,000	1,000	1,000	S	S	S	S	S
Mathematical sciences	27,900	26,000	24,900	1,100	300	1,500	1,300	200
Male	24,500	23,000	22,200	800	300	1,200	1,100	100
Female	3,300	3,000	2,700	300	S	300	200	100
Life/related sciences, total	168,700	148,500	140,400	8,100	2,700	17,500	12,700	4,800
Male	124,100	109,600	105,400	4,100	1,900	12,600	10,300	2,300
Female	44,600	38,900	35,000	4,000	800	4,900	2,400	2,500
Agricultural/food sciences	18,600	16,100	15,100	1,000	400	2,100	1,900	200
Male	16,000	13,700	12,900	800	300	2,000	1,900	100
Female	2,600	2,300	2,200	200	100	100	S	100
Biological sciences	145,700	128,500	121,600	6,900	2,300	14,900	10,400	4,500
Male	104,100	92,200	89,000	3,200	1,700	10,200	8,000	2,100
Female	41,600	36,300	32,500	3,700	700	4,700	2,400	2,300
Environmental life sciences	4,400	3,900	3,700	200	S	500	400	S
Male	4,000	3,600	3,500	100	S	400	400	S
Female	400	300	300	100	S	S	S	S
Physical/related sciences, total	131,800	115,900	109,800	6,100	3,000	12,900	10,900	2,000
Male	117,700	104,000	99,300	4,600	2,400	11,300	10,300	1,100
Female	14,100	11,900	10,400	1,500	600	1,600	700	900
Chemistry, except biochemistry	69,300	60,000	56,700	3,200	1,500	7,700	6,800	1,000
Male	60,100	52,200	49,900	2,300	1,100	6,700	6,200	500
Female	9,200	7,800	6,900	900	400	1,000	500	500
Earth science, geology and oceanography	17,600	15,400	14,500	1,000	400	1,700	1,400	300
Male	15,900	14,000	13,300	700	400	1,500	1,300	200
Female	1,600	1,400	1,200	200	S	200	S	100
Physics/astronomy	43,500	39,000	37,100	1,900	1,100	3,400	2,800	600
Male	40,600	36,600	35,100	1,500	900	3,000	2,700	400
Female	2,900	2,400	2,100	300	200	300	100	300

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: 1993

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	1,400	1,400	1,300	S	S	100	S	100
Male	1,200	1,200	1,100	S	S	S	S	S
Female	300	200	200	S	S	100	S	100
Social/related sciences, total	162,200	147,300	132,300	15,000	2,100	12,800	9,600	3,200
Male	108,600	98,000	91,700	6,300	1,400	9,200	8,100	1,200
Female	53,500	49,300	40,600	8,700	700	3,600	1,500	2,000
Economics	22,900	20,400	19,100	1,300	300	2,200	2,000	200
Male	19,900	17,700	16,700	1,000	300	2,000	1,900	100
Female	3,000	2,700	2,500	300	100	200	100	100
Political/related sciences	17,400	15,600	15,000	700	300	1,500	1,200	300
Male	14,100	12,600	12,100	500	200	1,300	1,100	200
Female	3,300	3,100	2,900	200	S	200	100	100
Psychology	82,400	75,900	66,100	9,800	1,000	5,500	3,700	1,800
Male	48,600	44,500	41,400	3,100	700	3,500	3,000	500
Female	33,800	31,400	24,700	6,700	300	2,000	700	1,300
Sociology/anthropology	24,100	21,700	19,400	2,200	300	2,100	1,500	600
Male	15,400	13,800	12,700	1,100	200	1,400	1,200	200
Female	8,700	7,900	6,800	1,100	100	700	300	400
Other social sciences	15,400	13,700	12,700	1,000	200	1,500	1,200	300
Male	10,700	9,500	8,900	600	100	1,100	900	200
Female	4,700	4,200	3,800	400	100	400	300	100
Engineering, total	92,200	84,700	81,000	3,700	1,400	6,100	5,100	1,100
Male	87,800	80,700	77,400	3,300	1,300	5,800	4,900	900
Female	4,400	4,000	3,600	400	100	300	100	200
Aerospace/related engineering	3,700	3,400	3,300	200	100	300	200	S
Male	3,700	3,400	3,200	200	100	200	200	S
Female	S	S	S	S	S	S	S	S
Chemical engineering	13,600	12,500	12,000	500	200	1,000	800	100
Male	12,900	11,800	11,400	400	200	900	800	100
Female	700	600	600	100	S	S	S	S
Civil/architectural engineering	8,900	8,500	7,800	600	S	400	200	100
Male	8,500	8,100	7,600	500	S	400	200	100
Female	300	300	200	100	S	S	S	S
Electrical/related engineering	23,200	21,400	20,500	900	400	1,400	1,200	200
Male	22,500	20,700	19,800	900	400	1,400	1,200	200
Female	800	700	700	S	S	S	S	S
Industrial engineering	2,500	2,300	2,200	100	100	100	100	S
Male	2,100	1,900	1,800	S	100	100	100	S
Female	400	400	400	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: 1993

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	11,500	10,700	10,300	400	100	700	600	200
Male	11,200	10,400	10,000	400	100	700	600	100
Female	300	300	300	S	S	S	S	S
Other engineering	28,800	26,000	24,900	1,100	500	2,300	2,000	300
Male	27,000	24,400	23,500	900	400	2,100	1,900	200
Female	1,800	1,600	1,500	100	S	200	100	100
Non-S&E degrees, total	117,100	105,600	95,400	10,200	1,700	9,800	7,900	2,000
Male	85,800	78,400	71,600	6,900	1,600	5,800	5,500	300
Female	31,200	27,100	23,800	3,300	100	4,000	2,400	1,700

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)