

Table C-2. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment sector: 1995

Level and field of highest degree, and sex	Employed S&Es, total	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Non-profit	Total	4 yr. College/university	Other	Total	Federal	State/local
All degree levels¹											
All degree fields, total	10,114,500	6,893,100	5,565,100	762,800	565,200	1,837,300	876,700	960,600	1,384,100	584,400	799,700
Male	6,834,200	4,949,900	4,133,100	555,400	261,400	927,000	532,800	394,200	957,300	446,700	510,500
Female	3,280,300	1,943,100	1,431,900	207,400	303,800	910,400	343,900	566,400	426,800	137,600	289,200
S&E degree fields, total	7,333,100	5,040,400	4,223,800	451,400	365,200	1,250,900	644,200	606,700	1,041,700	456,100	585,600
Male	4,952,000	3,597,200	3,125,700	312,200	159,300	627,400	394,600	232,800	727,400	351,900	375,500
Female	2,381,000	1,443,200	1,098,000	139,200	205,900	623,500	249,600	373,900	314,300	104,200	210,100
Sciences, total	5,476,100	3,542,900	2,844,000	360,700	338,200	1,142,500	558,900	583,600	790,800	313,200	477,600
Male	3,252,200	2,216,500	1,853,900	227,300	135,300	530,800	317,500	213,300	504,900	224,800	280,100
Female	2,223,900	1,326,400	990,000	133,400	202,900	611,700	241,400	370,300	285,900	88,400	197,500
Computer/math sciences, total	955,400	710,500	644,900	37,400	28,200	158,500	67,700	90,800	86,400	46,500	39,900
Male	642,000	500,000	458,200	24,400	17,400	82,000	45,200	36,800	60,000	35,300	24,700
Female	313,400	210,500	186,700	13,000	10,700	76,500	22,500	54,000	26,400	11,200	15,100
Computer/information sciences	506,100	424,600	394,300	15,600	14,700	39,500	25,100	14,400	41,900	22,900	19,000
Male	354,700	303,200	284,300	10,000	9,000	23,300	15,900	7,400	28,100	16,700	11,400
Female	151,400	121,400	110,100	5,700	5,700	16,200	9,200	7,000	13,700	6,100	7,600
Mathematical sciences	449,400	285,900	250,600	21,800	13,500	119,000	42,600	76,400	44,500	23,700	20,800
Male	287,400	196,800	173,900	14,400	8,500	58,700	29,300	29,400	31,900	18,600	13,300
Female	162,000	89,100	76,700	7,400	5,000	60,300	13,300	47,000	12,600	5,100	7,500
Life/related sciences, total	1,127,800	679,700	528,600	92,000	59,100	294,000	187,900	106,000	154,200	68,600	85,600
Male	688,800	433,100	342,900	66,500	23,700	149,100	103,800	45,300	106,600	48,100	58,600
Female	439,000	246,600	185,700	25,500	35,300	144,900	84,200	60,700	47,600	20,500	27,100
Agricultural/food sciences	215,700	156,600	115,600	36,600	4,400	33,100	23,400	9,700	26,000	11,500	14,500
Male	164,900	125,500	90,000	33,300	2,200	19,100	14,300	4,800	20,300	9,300	11,000
Female	50,800	31,100	25,600	3,300	2,200	14,000	9,100	5,000	5,700	2,200	3,500
Biological sciences	825,600	472,900	372,800	48,300	51,800	249,900	160,000	90,000	102,700	45,400	57,300
Male	458,500	269,500	222,700	27,600	19,300	122,700	85,500	37,200	66,300	30,100	36,100
Female	367,100	203,400	150,100	20,800	32,500	127,300	74,400	52,800	36,400	15,200	21,200

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

Table C-2. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment sector: 1995

Level and field of highest degree, and sex	Employed S&Es, total	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Non-profit	Total	4 yr. College/university	Other	Total	Federal	State/local
All degree levels¹ — continued											
Environmental life sciences	86,600	50,100	40,300	7,000	2,900	10,900	4,600	6,300	25,500	11,700	13,800
Male	65,400	38,100	30,300	5,600	2,300	7,400	4,000	3,400	20,000	8,600	11,400
Female	21,100	12,100	10,000	1,400	600	3,500	600	2,900	5,500	3,100	2,400
Physical/related sciences, total	605,200	399,500	352,300	30,600	16,600	128,800	91,100	37,700	76,900	46,000	30,900
Male	483,200	323,900	287,600	25,100	11,300	95,900	72,300	23,500	63,400	38,400	24,900
Female	122,000	75,500	64,700	5,500	5,300	32,900	18,800	14,200	13,500	7,500	6,000
Chemistry, except biochemistry	267,400	189,400	172,000	10,300	7,100	52,100	39,000	13,100	25,900	11,500	14,400
Male	195,400	142,100	130,100	7,100	4,800	34,200	27,400	6,800	19,200	8,200	10,900
Female	71,900	47,300	41,800	3,100	2,300	17,900	11,600	6,300	6,700	3,300	3,400
Earth science, geology and oceanography	145,400	94,300	81,100	10,600	2,600	24,400	14,700	9,700	26,700	16,000	10,600
Male	122,900	81,200	69,400	9,800	2,000	19,000	12,000	7,100	22,700	13,100	9,600
Female	22,500	13,200	11,600	900	700	5,400	2,700	2,700	4,000	2,900	1,000
Physics/astronomy	140,700	84,400	73,200	6,300	4,900	40,800	35,600	5,200	15,500	13,500	2,000
Male	127,200	77,000	67,500	5,200	4,200	36,100	32,000	4,100	14,100	12,600	1,600
Female	13,600	7,400	5,700	1,100	700	4,800	3,600	1,100	1,400	900	400
Other physical sciences	51,700	31,400	26,100	3,400	2,000	11,500	1,800	9,600	8,800	4,900	3,900
Male	37,700	23,800	20,400	2,900	400	6,600	1,000	5,600	7,300	4,500	2,800
Female	14,000	7,600	5,600	500	1,600	4,900	800	4,100	1,500	400	1,100
Social/related sciences, total	2,787,700	1,753,200	1,318,100	200,800	234,300	561,200	212,200	349,000	473,300	152,100	321,200
Male	1,438,200	959,400	765,200	111,400	82,800	203,800	96,300	107,600	274,900	103,000	171,900
Female	1,349,500	793,800	552,800	89,400	151,600	357,400	115,900	241,500	198,400	49,100	149,300
Economics	390,900	306,500	261,600	33,000	11,900	38,700	23,900	14,800	45,800	27,200	18,600
Male	301,400	242,200	206,600	28,900	6,700	25,400	18,100	7,300	33,800	20,200	13,600
Female	89,500	64,200	54,900	4,100	5,200	13,300	5,800	7,600	12,000	7,000	5,000
Political/related sciences	524,900	354,300	289,800	32,400	32,100	70,700	31,000	39,700	99,900	45,900	54,000
Male	338,400	230,000	191,800	20,300	17,900	35,000	17,000	18,000	73,400	35,700	37,700
Female	186,500	124,300	98,000	12,000	14,200	35,700	14,000	21,700	26,600	10,200	16,300

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

Table C-2. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment sector: 1995

Level and field of highest degree, and sex	Employed S&Es, total	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Non-profit	Total	4 yr. College/university	Other	Total	Federal	State/local
All degree levels¹ — continued											
Psychology	1,038,400	622,000	425,400	79,000	117,500	258,100	89,000	169,100	158,300	35,400	122,900
Male	411,700	265,000	195,300	34,300	35,400	73,700	33,900	39,800	73,000	19,800	53,200
Female	626,700	357,000	230,200	44,700	82,100	184,400	55,100	129,300	85,300	15,600	69,700
Sociology/anthropology	523,300	297,600	213,300	35,300	48,900	108,700	42,900	65,900	117,000	27,600	89,400
Male	218,600	125,000	98,200	14,500	12,200	32,600	16,200	16,300	61,100	15,300	45,800
Female	304,700	172,600	115,100	20,800	36,700	76,200	26,600	49,500	56,000	12,300	43,600
Other social sciences	310,100	172,900	127,900	21,000	23,900	84,900	25,400	59,500	52,300	16,000	36,300
Male	168,100	97,200	73,300	13,400	10,500	37,100	11,000	26,200	33,700	12,000	21,700
Female	142,000	75,700	54,600	7,700	13,400	47,800	14,400	33,400	18,600	3,900	14,600
Engineering, total	1,856,900	1,497,500	1,379,800	90,700	27,000	108,500	85,400	23,100	250,900	142,900	108,000
Male	1,699,800	1,380,700	1,271,800	84,900	24,000	96,600	77,100	19,500	222,500	127,100	95,400
Female	157,100	116,800	108,000	5,800	3,000	11,900	8,300	3,600	28,500	15,800	12,600
Aerospace/related engineering	76,200	55,600	51,700	2,500	1,400	7,600	5,800	1,900	13,000	12,300	700
Male	71,900	52,300	48,400	2,400	1,400	7,300	5,500	1,800	12,300	11,600	700
Female	4,300	3,300	3,200	100	S	300	200	100	600	600	S
Chemical engineering	135,400	117,100	111,300	4,100	1,600	7,000	5,900	1,000	11,300	5,900	5,400
Male	112,200	97,800	93,200	3,200	1,300	5,800	5,100	700	8,600	5,100	3,500
Female	23,200	19,300	18,100	1,000	200	1,100	800	300	2,800	900	1,900
Civil/architectural engineering	312,200	211,200	183,900	24,100	3,200	13,900	10,300	3,500	87,100	24,800	62,300
Male	284,300	195,900	170,100	22,700	3,100	11,700	9,000	2,700	76,700	21,800	55,000
Female	27,900	15,300	13,800	1,400	100	2,200	1,300	800	10,400	3,000	7,400
Electrical/related engineering	560,800	468,300	439,500	19,200	9,700	33,300	27,300	6,000	59,200	45,500	13,700
Male	523,100	439,300	412,500	18,000	8,800	30,800	25,300	5,500	53,000	40,500	12,400
Female	37,700	29,000	27,000	1,100	900	2,500	2,100	400	6,200	4,900	1,300
Industrial engineering	104,000	89,300	79,200	7,600	2,600	6,000	2,800	3,300	8,600	7,000	1,600
Male	87,900	75,300	66,800	6,800	1,700	5,300	2,300	3,000	7,200	5,800	1,400
Female	16,100	14,000	12,400	700	900	700	500	200	1,400	1,200	200

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Table C-2. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment sector: 1995

Level and field of highest degree, and sex	Employed S&Es, total	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Non-profit	Total	4 yr. College/university	Other	Total	Federal	State/local
All degree levels¹ — continued											
Mechanical engineering	375,400	321,600	300,300	18,500	2,800	16,100	13,200	2,900	37,700	25,800	11,900
Male	356,900	306,800	286,000	18,000	2,700	15,100	12,200	2,800	35,100	23,700	11,300
Female	18,500	14,800	14,300	400	100	1,000	900	100	2,700	2,000	600
Other engineering	293,000	234,300	214,000	14,700	5,600	24,600	20,100	4,500	34,000	21,600	12,400
Male	263,600	213,400	194,800	13,700	4,900	20,600	17,700	2,900	29,600	18,500	11,100
Female	29,400	21,000	19,200	1,000	700	4,000	2,400	1,600	4,400	3,100	1,300
Non-S&E degrees, total	2,781,400	1,852,700	1,341,300	311,400	200,000	586,400	232,500	353,900	342,400	128,300	214,100
Male	1,882,200	1,352,700	1,007,400	243,200	102,100	299,600	138,200	161,400	229,900	94,800	135,000
Female	899,300	500,000	333,900	68,100	97,900	286,800	94,300	192,500	112,500	33,400	79,100
Bachelor's											
All degree fields, total	5,926,700	4,368,700	3,713,600	366,800	288,400	709,700	288,700	421,100	848,300	347,600	500,600
Male	3,944,300	3,071,500	2,693,600	263,900	114,000	288,100	138,900	149,200	584,700	262,800	321,900
Female	1,982,500	1,297,300	1,020,000	102,900	174,400	421,600	149,700	271,900	263,600	84,900	178,700
S&E degree fields, total	5,408,600	3,960,100	3,360,700	342,700	256,700	662,800	266,200	396,600	785,600	320,200	465,400
Male	3,591,900	2,782,700	2,438,300	245,300	99,200	267,800	129,300	138,500	541,400	242,600	298,800
Female	1,816,700	1,177,400	922,400	97,500	157,500	395,100	136,900	258,200	244,300	77,600	166,600
Sciences, total	4,047,800	2,838,000	2,328,600	269,500	239,900	615,100	235,200	379,900	594,800	217,600	377,200
Male	2,348,000	1,748,100	1,486,900	176,900	84,200	226,400	102,100	124,300	373,500	152,100	221,400
Female	1,699,800	1,089,900	841,700	92,500	155,600	388,700	133,100	255,600	221,300	65,500	155,800
Computer/math sciences, total	687,700	541,800	493,000	28,200	20,600	82,000	25,600	56,400	63,900	30,400	33,500
Male	449,500	373,000	342,600	18,400	12,000	33,600	14,500	19,100	42,900	22,600	20,300
Female	238,100	168,700	150,400	9,800	8,600	48,300	11,100	37,200	21,100	7,800	13,200
Computer/information sciences	362,800	313,700	292,000	10,800	10,900	19,000	12,300	6,600	30,100	13,800	16,300
Male	249,100	219,000	205,900	7,200	5,900	10,400	7,300	3,100	19,700	10,000	9,700
Female	113,700	94,700	86,100	3,600	5,000	8,600	5,000	3,600	10,400	3,800	6,600
Mathematical sciences	324,900	228,100	201,000	17,400	9,700	63,000	13,300	49,700	33,800	16,600	17,200
Male	200,400	154,000	136,700	11,200	6,100	23,300	7,200	16,100	23,200	12,600	10,600
Female	124,500	74,100	64,300	6,200	3,600	39,800	6,100	33,700	10,600	4,000	6,600

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

Table C-2. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment sector: 1995

Level and field of highest degree, and sex	Employed S&Es, total	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Non-profit	Total	4 yr. College/university	Other	Total	Federal	State/local
Bachelor's — continued											
Life/related sciences, total	820,200	555,700	433,600	78,800	43,300	154,000	79,600	74,400	110,500	41,900	68,600
Male	488,000	350,700	277,700	57,900	15,200	60,200	32,900	27,300	77,100	30,400	46,600
Female	332,200	205,000	155,900	21,000	28,100	93,800	46,600	47,100	33,500	11,500	22,000
Agricultural/food sciences	171,200	134,000	97,000	33,500	3,500	16,000	9,600	6,400	21,200	9,000	12,300
Male	131,400	108,200	75,600	31,200	1,400	7,100	4,300	2,800	16,200	7,200	8,900
Female	39,800	25,800	21,400	2,300	2,100	8,900	5,300	3,600	5,100	1,700	3,300
Biological sciences	583,000	380,300	303,500	38,900	37,900	131,600	68,200	63,300	71,200	26,100	45,100
Male	305,800	210,700	176,800	21,600	12,400	48,900	27,300	21,600	46,300	18,000	28,200
Female	277,200	169,600	126,700	17,300	25,500	82,700	40,900	41,700	25,000	8,000	16,900
Environmental life sciences	65,900	41,400	33,100	6,500	1,900	6,400	1,800	4,700	18,100	6,900	11,200
Male	50,700	31,800	25,300	5,100	1,400	4,300	1,300	2,900	14,700	5,200	9,500
Female	15,200	9,600	7,800	1,400	500	2,200	400	1,700	3,400	1,700	1,700
Physical/related sciences, total	374,500	273,300	240,800	22,000	10,500	52,300	30,700	21,600	48,800	25,000	23,900
Male	290,600	215,600	192,300	17,400	5,800	35,100	22,300	12,800	39,900	20,400	19,400
Female	83,900	57,700	48,500	4,600	4,700	17,200	8,400	8,800	9,000	4,500	4,400
Chemistry, except biochemistry	171,700	128,900	115,800	8,300	4,900	23,600	15,700	7,900	19,100	7,200	11,900
Male	119,700	92,000	83,600	5,600	2,800	13,800	9,800	4,000	14,000	5,100	8,900
Female	51,900	37,000	32,200	2,700	2,100	9,800	5,900	3,900	5,100	2,100	3,000
Earth science, geology and oceanography	95,400	67,400	58,200	7,800	1,500	10,700	4,600	6,100	17,200	9,600	7,700
Male	80,700	58,100	49,800	7,400	900	8,000	3,500	4,500	14,700	7,500	7,100
Female	14,700	9,300	8,400	400	600	2,800	1,100	1,700	2,600	2,000	600
Physics/astronomy	68,000	49,900	44,800	2,700	2,400	11,500	9,700	1,800	6,600	5,100	1,500
Male	61,400	45,200	41,600	1,700	1,900	10,100	8,800	1,300	6,100	4,800	1,300
Female	6,600	4,700	3,100	1,000	500	1,400	1,000	400	500	200	300
Other physical sciences	39,400	27,000	22,100	3,200	1,800	6,500	700	5,700	5,900	3,100	2,800
Male	28,700	20,300	17,300	2,700	300	3,300	200	3,000	5,200	3,000	2,200
Female	10,700	6,700	4,800	500	1,500	3,200	500	2,700	700	100	600

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

Table C-2. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment sector: 1995

Level and field of highest degree, and sex	Employed S&Es, total	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Non-profit	Total	4 yr. College/university	Other	Total	Federal	State/local
Bachelor's — continued											
Social/related sciences, total	2,165,400	1,467,200	1,161,200	140,400	165,500	326,800	99,300	227,500	371,400	120,300	251,100
Male	1,119,800	808,800	674,300	83,300	51,200	97,400	32,300	65,100	213,600	78,600	135,000
Female	1,045,600	658,400	486,900	57,200	114,300	229,400	67,000	162,400	157,800	41,700	116,100
Economics	329,200	275,800	235,700	30,500	9,600	17,800	6,300	11,500	35,600	21,300	14,300
Male	253,500	218,100	186,700	26,600	4,800	9,600	4,500	5,100	25,900	15,600	10,300
Female	75,700	57,700	49,000	3,800	4,800	8,200	1,800	6,400	9,800	5,700	4,000
Political/related sciences	448,700	317,700	265,900	26,700	25,200	49,700	15,800	33,800	81,300	36,400	44,900
Male	286,500	207,000	176,000	16,600	14,400	20,700	6,300	14,400	58,800	27,100	31,700
Female	162,200	110,800	89,900	10,100	10,800	29,000	9,500	19,500	22,500	9,300	13,200
Psychology	690,700	457,200	348,800	36,900	71,500	125,000	42,500	82,500	108,500	26,800	81,700
Male	265,800	190,300	156,600	18,100	15,600	27,100	12,600	14,600	48,400	14,400	33,900
Female	425,000	267,000	192,100	18,800	56,000	97,800	29,900	67,900	60,200	12,400	47,800
Sociology/anthropology	461,900	275,200	199,500	31,700	44,000	81,200	23,300	57,900	105,500	23,600	81,900
Male	186,500	113,700	91,100	12,600	10,000	18,700	5,500	13,100	54,100	12,600	41,500
Female	275,400	161,500	108,400	19,100	34,000	62,500	17,800	44,700	51,400	10,900	40,400
Other social sciences	234,800	141,200	111,400	14,700	15,200	53,100	11,300	41,900	40,500	12,200	28,300
Male	127,500	79,800	63,900	9,300	6,500	21,300	3,400	17,900	26,500	8,800	17,600
Female	107,300	61,500	47,500	5,300	8,700	31,800	7,900	23,900	14,000	3,400	10,600
Engineering, total	1,360,800	1,122,200	1,032,100	73,300	16,800	47,800	31,000	16,800	190,900	102,600	88,200
Male	1,243,900	1,034,700	951,400	68,300	15,000	41,400	27,300	14,100	167,900	90,500	77,400
Female	116,900	87,500	80,700	4,900	1,800	6,400	3,800	2,600	23,000	12,100	10,900
Aerospace/related engineering	54,700	40,800	38,600	2,000	300	4,200	2,500	1,700	9,600	9,200	400
Male	50,900	37,900	35,700	1,900	300	4,000	2,400	1,600	9,000	8,600	400
Female	3,800	3,000	2,900	100	S	200	100	100	600	600	S
Chemical engineering	100,500	88,500	84,400	3,000	1,100	3,000	2,100	900	9,100	4,400	4,600
Male	80,500	71,800	68,900	2,000	900	2,300	1,700	600	6,400	3,700	2,700
Female	20,000	16,600	15,500	900	200	700	400	300	2,700	700	1,900

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

Table C-2. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment sector: 1995

Level and field of highest degree, and sex	Employed S&Es, total	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Non-profit	Total	4 yr. College/university	Other	Total	Federal	State/local
Bachelor's — continued											
Civil/architectural engineering	237,400	159,800	139,700	18,300	1,800	7,200	4,000	3,200	70,400	19,100	51,300
Male	215,500	147,600	128,700	17,100	1,700	5,700	3,300	2,400	62,100	17,000	45,100
Female	22,000	12,200	11,000	1,200	100	1,500	800	700	8,300	2,100	6,200
Electrical/related engineering	402,500	343,300	321,100	15,600	6,700	13,900	9,900	4,000	45,300	33,300	12,000
Male	374,500	321,800	301,000	14,700	6,100	12,800	9,000	3,800	39,900	29,000	10,800
Female	28,000	21,500	20,100	900	500	1,100	800	200	5,400	4,300	1,200
Industrial engineering	81,200	71,500	62,800	7,300	1,400	3,400	600	2,800	6,200	5,200	1,100
Male	68,900	60,800	53,700	6,600	500	3,200	500	2,600	5,000	4,100	900
Female	12,200	10,600	9,000	700	900	300	100	200	1,300	1,100	200
Mechanical engineering	302,700	263,800	245,500	16,200	2,100	7,700	6,100	1,500	31,200	20,400	10,800
Male	287,800	251,700	233,900	15,800	2,100	7,000	5,600	1,400	29,100	18,900	10,200
Female	14,900	12,100	11,600	400	S	600	600	100	2,100	1,500	600
Other engineering	181,800	154,400	140,100	10,900	3,500	8,400	5,700	2,700	19,000	11,000	8,000
Male	165,700	143,000	129,400	10,200	3,300	6,400	4,700	1,700	16,400	9,200	7,200
Female	16,100	11,400	10,600	700	100	2,000	1,000	1,000	2,600	1,800	900
Non-S&E degrees, total	518,200	408,600	352,800	24,100	31,700	46,900	22,500	24,400	62,600	27,400	35,200
Male	352,400	288,700	255,300	18,600	14,800	20,400	9,600	10,700	43,300	20,200	23,200
Female	165,800	119,900	97,600	5,500	16,900	26,500	12,900	13,700	19,300	7,300	12,000
Master's											
All degree fields, total	2,656,800	1,610,700	1,264,400	152,700	193,700	668,600	204,600	464,000	377,500	158,800	218,700
Male	1,720,800	1,149,300	965,800	89,900	93,500	311,000	109,200	201,900	260,500	125,800	134,700
Female	936,000	461,500	298,600	62,800	100,100	357,500	95,400	262,100	117,000	33,000	83,900
S&E degree fields, total	1,359,300	840,600	683,600	75,900	81,200	317,000	127,600	189,300	201,700	97,200	104,600
Male	922,400	621,800	535,100	45,100	41,600	157,300	74,200	83,000	143,300	77,700	65,600
Female	437,000	218,900	148,500	30,800	39,600	159,700	53,400	106,300	58,400	19,500	38,900
Sciences, total	953,500	519,500	384,800	61,200	73,500	286,200	102,200	184,000	147,800	62,200	85,500
Male	551,700	327,500	261,300	31,200	35,000	129,800	51,200	78,600	94,400	46,100	48,300
Female	401,800	192,000	123,500	30,000	38,500	156,400	51,000	105,400	53,400	16,100	37,200

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

Table C-2. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment sector: 1995

Level and field of highest degree, and sex	Employed S&Es, total	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Non-profit	Total	4 yr. College/university	Other	Total	Federal	State/local
Master's — continued											
Computer/math sciences, total	230,700	156,000	140,700	8,500	6,700	54,200	21,200	33,100	20,500	14,500	6,100
Male	160,900	116,100	106,000	5,400	4,700	29,400	12,400	17,000	15,500	11,300	4,200
Female	69,800	39,900	34,700	3,100	2,000	24,900	8,800	16,100	5,100	3,200	1,900
Computer/information sciences	132,400	105,500	97,100	4,700	3,600	16,000	8,500	7,500	10,900	8,400	2,600
Male	96,800	79,700	74,100	2,600	3,000	9,400	5,200	4,200	7,700	6,100	1,600
Female	35,600	25,800	23,000	2,100	700	6,600	3,300	3,300	3,300	2,300	1,000
Mathematical sciences	98,400	50,500	43,600	3,800	3,100	38,200	12,700	25,600	9,600	6,100	3,500
Male	64,200	36,400	31,900	2,800	1,700	20,000	7,200	12,800	7,800	5,200	2,600
Female	34,200	14,100	11,700	1,100	1,400	18,200	5,500	12,800	1,800	900	900
Life/related sciences, total	149,400	70,600	54,600	7,600	8,300	52,300	25,000	27,300	26,500	13,700	12,800
Male	85,600	41,600	33,800	4,400	3,500	27,900	12,600	15,400	16,100	7,400	8,700
Female	63,700	28,900	20,800	3,200	4,900	24,400	12,500	11,900	10,400	6,300	4,200
Agricultural/food sciences	26,900	15,500	12,500	2,400	500	8,700	5,700	3,000	2,800	1,000	1,800
Male	18,900	11,200	9,200	1,500	500	5,200	3,600	1,700	2,500	800	1,700
Female	8,100	4,300	3,300	900	100	3,500	2,200	1,300	300	200	100
Biological sciences	106,600	47,500	35,800	4,800	6,900	40,800	18,100	22,700	18,300	9,500	8,800
Male	56,500	25,200	20,400	2,600	2,200	21,100	7,900	13,200	10,200	4,800	5,400
Female	50,200	22,300	15,400	2,200	4,600	19,800	10,300	9,500	8,200	4,700	3,400
Environmental life sciences	15,800	7,600	6,300	400	900	2,800	1,200	1,600	5,400	3,200	2,200
Male	10,300	5,300	4,100	400	800	1,600	1,100	500	3,400	1,800	1,600
Female	5,500	2,400	2,200	100	100	1,100	S	1,100	2,000	1,300	600
Physical/related sciences, total	112,200	66,600	59,500	5,300	1,800	28,400	15,200	13,200	17,300	11,700	5,600
Male	87,500	54,900	48,800	4,500	1,600	18,700	10,400	8,300	13,900	9,700	4,200
Female	24,700	11,600	10,600	700	300	9,700	4,800	4,900	3,400	2,000	1,400
Chemistry, except biochemistry	34,800	23,000	21,800	500	700	8,500	5,000	3,600	3,300	1,500	1,700
Male	23,500	17,300	16,400	200	600	4,000	2,400	1,600	2,300	900	1,400
Female	11,300	5,700	5,400	300	100	4,600	2,600	2,000	1,000	700	300

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

Table C-2. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment sector: 1995

Level and field of highest degree, and sex	Employed S&Es, total	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Non-profit	Total	4 yr. College/university	Other	Total	Federal	State/local
Master's — continued											
Earth science, geology and oceanography	34,700	22,500	19,600	2,300	500	5,700	2,500	3,200	6,500	3,900	2,600
Male	28,600	19,100	16,800	1,900	500	4,100	1,900	2,200	5,400	3,200	2,200
Female	6,200	3,400	2,900	400	100	1,600	700	1,000	1,200	700	500
Physics/astronomy	32,000	17,200	14,500	2,300	500	9,800	7,200	2,600	5,000	4,700	300
Male	27,800	15,500	12,800	2,300	400	7,900	5,900	2,000	4,400	4,300	100
Female	4,300	1,800	1,700	S	100	2,000	1,300	600	600	400	200
Other physical sciences	10,700	3,800	3,600	200	100	4,400	500	3,900	2,500	1,500	1,000
Male	7,700	3,100	2,900	200	100	2,800	200	2,600	1,800	1,300	500
Female	3,000	700	700	S	S	1,600	200	1,300	700	200	500
Social/related sciences, total	461,100	226,500	130,000	39,800	56,700	151,200	40,800	110,500	83,500	22,400	61,000
Male	217,600	114,800	72,700	16,800	25,300	53,800	15,800	37,900	49,000	17,700	31,300
Female	243,500	111,600	57,300	22,900	31,400	97,500	24,900	72,500	34,500	4,700	29,800
Economics	40,600	25,000	21,700	1,700	1,600	8,200	5,200	3,000	7,400	3,500	3,900
Male	29,800	19,300	16,400	1,500	1,500	4,600	2,600	1,900	5,900	2,900	3,000
Female	10,800	5,700	5,300	200	200	3,700	2,600	1,100	1,400	600	800
Political/related sciences	60,800	33,600	22,600	4,900	6,100	10,400	5,100	5,300	16,700	8,300	8,400
Male	39,500	20,700	14,600	3,100	2,900	5,800	2,500	3,300	13,000	7,600	5,400
Female	21,300	12,900	8,000	1,800	3,200	4,600	2,600	2,100	3,700	700	3,000
Psychology	259,300	122,400	60,200	24,900	37,200	97,200	18,400	78,900	39,700	4,800	34,900
Male	98,000	51,500	28,700	7,200	15,600	28,300	6,000	22,300	18,200	2,600	15,600
Female	161,300	70,900	31,500	17,700	21,700	69,000	12,400	56,600	21,400	2,200	19,300
Sociology/anthropology	39,400	17,600	11,400	2,600	3,600	12,400	5,800	6,700	9,300	2,900	6,500
Male	18,600	8,300	5,300	1,300	1,700	4,700	2,200	2,400	5,600	1,900	3,700
Female	20,800	9,300	6,000	1,300	1,900	7,800	3,600	4,200	3,700	900	2,800
Other social sciences	61,100	27,900	14,100	5,600	8,100	22,900	6,300	16,600	10,300	3,000	7,400
Male	31,800	15,000	7,600	3,700	3,700	10,500	2,500	8,000	6,200	2,700	3,600
Female	29,400	12,800	6,500	1,900	4,400	12,400	3,800	8,600	4,100	300	3,800

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

Table C-2. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment sector: 1995

Level and field of highest degree, and sex	Employed S&Es, total	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Non-profit	Total	4 yr. College/university	Other	Total	Federal	State/local
Master's — continued											
Engineering, total	405,800	321,100	298,700	14,700	7,700	30,800	25,400	5,300	53,900	34,900	19,000
Male	370,700	294,300	273,800	13,900	6,600	27,500	23,000	4,500	48,900	31,500	17,300
Female	35,200	26,800	25,000	800	1,000	3,300	2,400	900	5,100	3,400	1,700
Aerospace/related engineering	17,500	12,700	11,400	300	1,000	2,000	1,800	200	2,800	2,600	200
Male	17,000	12,400	11,100	300	1,000	1,900	1,700	200	2,800	2,500	200
Female	500	400	300	S	S	100	100	S	S	S	S
Chemical engineering	22,700	19,500	18,500	800	200	1,300	1,200	100	1,900	1,100	700
Male	20,100	17,200	16,200	800	200	1,100	1,000	100	1,800	1,000	700
Female	2,600	2,300	2,300	S	S	200	200	S	100	100	S
Civil/architectural engineering	66,300	47,300	40,900	5,400	1,000	3,300	2,900	300	15,700	5,100	10,700
Male	61,000	44,300	38,100	5,200	1,000	2,900	2,700	200	13,700	4,300	9,500
Female	5,300	3,000	2,800	200	S	300	200	100	2,000	800	1,200
Electrical/related engineering	134,700	109,900	104,400	3,000	2,600	12,000	10,200	1,800	12,800	11,100	1,700
Male	126,000	102,900	98,000	2,700	2,200	11,000	9,300	1,600	12,100	10,500	1,600
Female	8,800	7,000	6,400	300	300	1,100	900	200	700	600	100
Industrial engineering	20,200	16,700	15,300	200	1,200	1,300	900	400	2,300	1,700	500
Male	16,800	13,600	12,300	200	1,100	1,100	700	400	2,200	1,700	500
Female	3,400	3,100	3,100	S	S	200	200	S	100	100	S
Mechanical engineering	62,000	51,300	48,900	2,000	400	4,900	3,600	1,300	5,800	4,700	1,100
Male	58,600	48,700	46,400	2,000	300	4,600	3,300	1,300	5,300	4,200	1,100
Female	3,400	2,600	2,500	S	100	300	200	S	500	500	S
Other engineering	82,400	63,800	59,400	3,000	1,400	6,000	4,800	1,200	12,700	8,600	4,100
Male	71,200	55,200	51,700	2,700	800	4,900	4,200	700	11,100	7,400	3,700
Female	11,200	8,500	7,600	300	600	1,100	600	500	1,600	1,200	400
Non-S&E degrees, total	1,297,500	770,100	580,800	76,800	112,500	351,600	77,000	274,600	175,800	61,600	114,100
Male	798,400	527,500	430,700	44,900	51,900	153,800	34,900	118,800	117,200	48,100	69,100
Female	499,000	242,600	150,100	32,000	60,600	197,800	42,000	155,800	58,500	13,500	45,000

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

Table C-2. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment sector: 1995

Level and field of highest degree, and sex	Employed S&Es, total	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Non-profit	Total	4 yr. College/university	Other	Total	Federal	State/local
Doctorate											
All degree fields, total	689,900	278,600	199,700	43,900	35,000	348,700	294,700	54,100	62,600	41,700	20,900
Male	522,500	221,200	165,800	31,200	24,200	251,800	221,000	30,800	49,500	34,200	15,400
Female	167,400	57,400	34,000	12,700	10,700	96,900	73,700	23,300	13,100	7,600	5,500
S&E degree fields, total	557,400	236,000	178,300	31,200	26,500	267,900	248,900	19,000	53,500	38,400	15,100
Male	434,500	190,600	151,300	20,800	18,500	201,700	190,600	11,000	42,300	31,300	11,000
Female	122,800	45,400	26,900	10,500	8,000	66,200	58,300	7,900	11,200	7,100	4,100
Sciences, total	467,000	181,700	129,300	28,500	23,900	237,900	220,000	17,900	47,400	33,000	14,400
Male	349,300	138,800	104,600	18,100	16,000	173,900	163,800	10,100	36,500	26,200	10,300
Female	117,800	42,900	24,600	10,400	7,900	64,000	56,200	7,800	10,800	6,700	4,100
Computer/math sciences, total	36,900	12,700	11,100	700	900	22,300	21,000	1,400	1,900	1,700	200
Male	31,500	10,800	9,500	600	800	19,000	18,300	700	1,700	1,500	200
Female	5,500	1,900	1,700	100	100	3,400	2,700	700	200	200	S
Computer/information sciences	10,800	5,400	5,100	200	100	4,600	4,300	200	800	700	100
Male	8,700	4,400	4,100	100	100	3,600	3,400	100	800	700	100
Female	2,100	1,000	1,000	S	S	1,000	900	100	S	S	S
Mathematical sciences	26,100	7,300	6,000	600	800	17,700	16,600	1,100	1,100	1,000	100
Male	22,800	6,500	5,300	500	700	15,400	14,900	500	900	800	100
Female	3,400	900	700	100	100	2,300	1,700	600	200	200	S
Life/related sciences, total	157,200	52,900	40,000	5,500	7,500	87,400	83,000	4,400	16,900	12,700	4,200
Male	114,400	40,300	31,000	4,200	5,100	61,000	58,300	2,700	13,100	9,900	3,200
Female	42,800	12,600	9,000	1,300	2,400	26,400	24,800	1,700	3,700	2,800	900
Agricultural/food sciences	17,400	7,100	6,000	800	400	8,300	7,900	400	2,000	1,500	400
Male	14,600	6,100	5,100	700	300	6,800	6,400	300	1,700	1,300	400
Female	2,800	1,000	900	100	S	1,500	1,500	S	300	300	S
Biological sciences	135,300	44,700	33,000	4,700	7,000	77,400	73,500	3,900	13,200	9,800	3,400
Male	95,700	33,100	25,000	3,400	4,700	52,700	50,300	2,300	9,800	7,300	2,500
Female	39,600	11,600	8,000	1,200	2,400	24,700	23,100	1,600	3,300	2,400	900

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

Table C-2. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment sector: 1995

Level and field of highest degree, and sex	Employed S&Es, total	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Non-profit	Total	4 yr. College/university	Other	Total	Federal	State/local
Doctorate — continued											
Environmental life sciences	4,500	1,100	900	100	100	1,700	1,700	100	1,700	1,400	300
Male	4,100	1,000	800	100	100	1,500	1,500	S	1,600	1,300	300
Female	400	100	100	S	S	200	200	S	100	100	S
Physical/related sciences, total	118,100	59,300	51,700	3,300	4,300	48,000	45,000	3,000	10,800	9,400	1,400
Male	104,700	53,100	46,100	3,100	3,900	41,900	39,500	2,400	9,600	8,300	1,300
Female	13,400	6,200	5,600	200	400	6,000	5,500	500	1,200	1,000	100
Chemistry, except biochemistry	60,800	37,400	34,400	1,500	1,600	19,800	18,200	1,600	3,500	2,800	800
Male	52,100	32,900	30,200	1,300	1,400	16,400	15,100	1,200	2,900	2,200	700
Female	8,700	4,600	4,200	200	200	3,500	3,100	400	600	500	100
Earth science, geology and oceanography	15,300	4,400	3,300	500	600	8,000	7,500	400	2,900	2,600	300
Male	13,600	3,900	2,800	500	600	7,000	6,600	400	2,700	2,400	300
Female	1,700	500	400	S	100	1,000	1,000	100	200	200	S
Physics/astronomy	40,400	17,000	13,700	1,300	2,000	19,500	18,600	900	4,000	3,700	200
Male	37,800	16,000	12,800	1,200	1,900	18,100	17,300	800	3,700	3,400	200
Female	2,700	1,000	800	S	100	1,400	1,400	100	300	300	S
Other physical sciences	1,600	500	400	S	100	600	600	S	400	300	100
Male	1,200	400	300	S	S	500	500	S	300	200	100
Female	300	200	100	S	S	100	100	S	100	S	S
Social/related sciences, total	154,800	56,700	26,500	19,000	11,300	80,300	71,000	9,200	17,800	9,200	8,600
Male	98,700	34,500	18,000	10,200	6,300	52,000	47,800	4,300	12,100	6,500	5,500
Female	56,100	22,200	8,400	8,800	5,000	28,200	23,300	5,000	5,700	2,700	3,000
Economics	21,100	5,600	4,200	800	600	12,700	12,400	300	2,800	2,300	400
Male	18,000	4,800	3,500	800	500	11,200	11,000	300	2,000	1,600	300
Female	3,100	800	600	S	200	1,500	1,400	S	800	700	100
Political/related sciences	15,400	2,900	1,400	700	800	10,600	10,100	500	1,900	1,200	700
Male	12,400	2,300	1,200	600	500	8,500	8,200	400	1,600	1,000	600
Female	3,000	600	200	100	200	2,100	2,000	200	300	200	100

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

Table C-2. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment sector: 1995

Level and field of highest degree, and sex	Employed S&Es, total	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Non-profit	Total	4 yr. College/university	Other	Total	Federal	State/local
Doctorate — continued											
Psychology	82,100	39,600	16,100	15,700	7,800	33,000	27,000	6,000	9,500	3,700	5,800
Male	45,900	22,000	9,700	8,000	4,300	17,700	15,000	2,700	6,200	2,700	3,500
Female	36,200	17,600	6,300	7,700	3,600	15,300	12,000	3,300	3,300	1,000	2,300
Sociology/anthropology	22,100	4,800	2,500	1,000	1,300	15,100	13,700	1,300	2,200	1,200	1,000
Male	13,600	3,000	1,800	600	600	9,200	8,500	800	1,300	700	600
Female	8,500	1,800	700	500	700	5,800	5,300	600	800	500	400
Other social sciences	14,100	3,800	2,400	800	700	8,900	7,800	1,100	1,500	800	600
Male	8,800	2,400	1,800	300	400	5,300	5,100	200	1,000	500	500
Female	5,400	1,400	600	500	300	3,500	2,700	900	400	300	200
Engineering, total	90,300	54,200	49,000	2,700	2,600	29,900	28,900	1,000	6,100	5,400	800
Male	85,300	51,800	46,700	2,600	2,400	27,800	26,800	900	5,700	5,000	700
Female	5,100	2,500	2,300	100	100	2,200	2,100	100	400	300	100
Aerospace/related engineering	4,000	2,100	1,700	300	100	1,400	1,400	S	500	500	S
Male	4,000	2,000	1,700	300	100	1,400	1,400	S	500	500	S
Female	S	S	S	S	S	S	S	S	S	S	S
Chemical engineering	12,100	9,100	8,500	300	300	2,600	2,600	100	400	400	S
Male	11,500	8,700	8,100	300	300	2,400	2,300	100	400	400	S
Female	600	400	400	S	S	200	200	S	S	S	S
Civil/architectural engineering	8,500	4,100	3,300	400	400	3,400	3,400	100	1,000	600	400
Male	7,900	4,000	3,200	400	400	3,000	3,000	100	900	500	400
Female	600	100	100	S	S	400	400	S	100	100	S
Electrical/related engineering	23,600	15,100	14,000	600	500	7,400	7,300	100	1,000	1,000	S
Male	22,700	14,600	13,500	600	500	7,100	6,900	100	1,000	1,000	S
Female	900	500	500	S	S	300	300	S	S	S	S
Industrial engineering	2,600	1,200	1,100	100	100	1,300	1,200	S	100	100	S
Male	2,100	900	800	100	100	1,100	1,100	S	100	100	S
Female	500	300	300	S	S	200	200	S	S	S	S

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

Table C-2. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and employment sector: 1995

Level and field of highest degree, and sex	Employed S&Es, total	Business/industry				Educational institution			Government		
		Total	Profit	Self-employed	Non-profit	Total	4 yr. College/university	Other	Total	Federal	State/local
Doctorate — continued											
Mechanical engineering	10,800	6,500	5,800	300	400	3,500	3,400	100	800	700	S
Male	10,500	6,400	5,700	300	400	3,400	3,300	100	700	700	S
Female	300	100	100	S	S	100	100	S	S	S	S
Other engineering	28,700	16,200	14,600	800	800	10,200	9,600	600	2,400	2,100	300
Male	26,600	15,200	13,600	800	800	9,300	8,800	500	2,200	1,900	200
Female	2,100	1,000	900	S	S	900	800	100	200	100	S
Non-S&E degrees, total	132,600	42,600	21,500	12,600	8,500	80,800	45,700	35,100	9,100	3,300	5,800
Male	87,900	30,600	14,400	10,400	5,800	50,100	30,400	19,800	7,200	2,900	4,400
Female	44,600	12,000	7,000	2,200	2,800	30,700	15,400	15,300	1,900	500	1,400

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 or 1995 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, 1995 SESTAT (Scientists and Engineers Statistical Data System)