

**Table C-6. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and primary/secondary work activity : 1999**

Level and field of highest degree, and sex	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
<b>All degree levels<sup>1</sup></b>						
<b>All degree fields, total</b> .....	10,981,600	3,025,600	1,648,000	6,742,200	2,289,800	3,593,300
Male .....	7,171,500	2,213,900	801,500	4,533,600	1,563,400	2,200,800
Female .....	3,810,200	811,700	846,500	2,208,700	726,400	1,392,600
<b>S&amp;E degree fields, total</b> .....	7,980,100	2,483,800	1,096,300	4,863,700	1,855,000	2,131,200
Male .....	5,216,100	1,846,200	524,500	3,243,100	1,282,100	1,247,900
Female .....	2,764,000	637,600	571,800	1,620,600	573,000	883,300
<b>Sciences, total</b> .....	6,043,700	1,523,500	1,019,500	3,694,400	1,354,200	1,795,500
Male .....	3,463,400	970,500	457,300	2,178,200	839,200	944,000
Female .....	2,580,300	553,100	562,200	1,516,300	515,000	851,600
<b>Computer/math sciences, total</b> .....	1,045,800	332,100	136,000	547,100	588,600	119,500
Male .....	707,200	240,800	67,200	371,400	413,800	77,100
Female .....	338,600	91,300	68,900	175,700	174,800	42,400
Computer/information sciences .....	586,500	205,100	27,200	289,300	418,900	38,900
Male .....	424,400	150,800	15,900	209,700	308,000	27,100
Female .....	162,100	54,300	11,400	79,600	111,000	11,800
Mathematical sciences .....	459,300	127,000	108,800	257,800	169,700	80,600
Male .....	282,800	90,000	51,300	161,800	105,800	50,000
Female .....	176,500	37,000	57,500	96,100	63,900	30,600
<b>Life/related sciences, total</b> .....	1,287,700	411,500	241,700	752,400	167,100	421,800
Male .....	753,100	245,200	114,400	469,400	95,800	238,500
Female .....	534,600	166,300	127,300	283,000	71,300	183,300
Agricultural/food sciences .....	230,400	53,200	27,300	165,900	28,500	79,500
Male .....	170,000	37,000	14,100	129,300	17,000	62,600
Female .....	60,300	16,200	13,200	36,600	11,500	16,800
Biological sciences .....	955,300	331,100	202,400	517,600	123,300	305,300
Male .....	511,000	189,100	95,000	288,000	67,700	151,300
Female .....	444,300	142,000	107,400	229,500	55,600	154,100
Environmental life sciences .....	102,100	27,200	11,900	69,000	15,200	37,000
Male .....	72,100	19,100	5,200	52,000	11,000	24,600
Female .....	30,000	8,100	6,700	17,000	4,200	12,400
<b>Physical/related sciences, total</b> .....	621,700	284,100	95,600	317,900	131,200	142,000
Male .....	483,400	227,300	66,200	252,400	103,800	111,600
Female .....	138,300	56,800	29,400	65,600	27,400	30,500
Chemistry, except biochemistry .....	276,200	129,800	37,400	146,000	45,100	55,600
Male .....	196,000	95,100	23,600	108,400	31,200	38,200
Female .....	80,200	34,700	13,900	37,600	14,000	17,400
Earth science, geology and oceanography .....	152,800	61,300	23,700	83,700	33,200	44,100
Male .....	124,600	50,200	18,400	70,100	26,600	37,400
Female .....	28,200	11,100	5,300	13,700	6,600	6,800
Physics/astronomy .....	144,000	80,000	23,400	59,200	46,500	26,000
Male .....	128,800	72,400	19,900	52,400	41,600	24,100
Female .....	15,200	7,600	3,500	6,800	4,800	1,900

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

**Table C-6. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and primary/secondary work activity : 1999**

Level and field of highest degree, and sex	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
<b>All degree levels<sup>1</sup> — continued</b>						
Other physical sciences .....	48,800	13,000	11,100	29,000	6,400	16,200
Male .....	34,000	9,600	4,400	21,500	4,500	11,900
Female .....	14,700	3,400	6,800	7,500	1,900	4,400
<b>Social/related sciences, total</b> .....	<b>3,088,400</b>	<b>495,800</b>	<b>546,200</b>	<b>2,076,900</b>	<b>467,400</b>	<b>1,112,100</b>
Male .....	1,519,600	257,200	209,500	1,085,000	225,900	516,800
Female .....	1,568,800	238,600	336,600	992,000	241,500	595,300
Economics .....	406,500	68,500	35,000	320,200	71,900	112,600
Male .....	307,100	52,400	22,700	245,900	50,300	85,900
Female .....	99,500	16,100	12,200	74,300	21,500	26,700
Political/related sciences .....	567,000	99,100	66,700	422,100	80,600	173,600
Male .....	356,700	58,300	38,300	275,100	45,600	105,700
Female .....	210,300	40,800	28,400	147,000	35,000	68,000
Psychology .....	1,166,100	171,300	248,300	710,900	161,200	509,200
Male .....	434,600	72,200	72,000	281,800	61,400	183,700
Female .....	731,500	99,100	176,300	429,100	99,800	325,500
Sociology/anthropology .....	592,700	93,200	108,400	401,300	89,800	211,900
Male .....	244,300	41,100	37,700	172,300	31,500	90,600
Female .....	348,400	52,100	70,800	229,000	58,300	121,400
Other social sciences .....	356,100	63,700	87,800	222,500	64,000	104,700
Male .....	177,000	33,200	38,800	109,800	37,100	51,000
Female .....	179,100	30,500	49,000	112,600	26,900	53,800
<b>Engineering, total</b> .....	<b>1,936,400</b>	<b>960,300</b>	<b>76,800</b>	<b>1,169,200</b>	<b>500,800</b>	<b>335,700</b>
Male .....	1,752,700	875,800	67,200	1,064,900	442,900	304,000
Female .....	183,700	84,500	9,600	104,300	58,000	31,700
Aerospace/related engineering .....	76,300	35,400	6,100	41,600	17,900	16,800
Male .....	71,600	32,900	5,700	38,900	16,700	16,300
Female .....	4,800	2,500	400	2,700	1,200	500
Chemical engineering .....	147,700	78,400	5,000	87,800	25,200	30,900
Male .....	119,800	65,800	3,900	71,500	19,500	24,600
Female .....	27,800	12,600	1,100	16,300	5,700	6,200
Civil/architectural engineering .....	330,200	128,500	11,000	239,500	60,400	70,800
Male .....	296,900	114,300	9,700	218,300	51,400	63,900
Female .....	33,300	14,300	1,300	21,100	9,000	6,900
Electrical/related engineering .....	587,000	323,800	18,400	305,000	239,900	68,300
Male .....	547,200	304,700	16,000	286,200	218,200	65,200
Female .....	39,800	19,100	2,400	18,700	21,600	3,100
Industrial engineering .....	106,200	35,900	5,800	77,000	26,200	23,000
Male .....	85,500	29,600	4,900	61,000	20,000	19,300
Female .....	20,700	6,400	900	16,000	6,200	3,700
Mechanical engineering .....	386,000	220,500	11,900	230,700	70,600	64,000
Male .....	363,400	208,800	10,700	219,000	64,400	59,800
Female .....	22,600	11,700	1,200	11,700	6,200	4,200

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

**Table C-6. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and primary/secondary work activity : 1999**

Level and field of highest degree, and sex	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
<b>All degree levels<sup>1</sup> — continued</b>						
Other engineering .....	303,000	137,700	18,700	187,800	60,600	61,900
Male .....	268,300	119,800	16,300	169,900	52,600	54,800
Female .....	34,700	17,900	2,400	17,800	8,000	7,100
<b>Non-S&amp;E degrees, total</b> .....	3,001,500	541,800	551,700	1,878,600	434,800	1,462,100
Male .....	1,955,400	367,700	277,000	1,290,500	281,400	952,800
Female .....	1,046,100	174,100	274,600	588,100	153,400	509,300
<b>Bachelor's</b>						
<b>All degree fields, total</b> .....	6,350,100	1,672,600	709,500	4,128,300	1,564,700	1,726,100
Male .....	4,084,400	1,211,200	292,600	2,729,300	1,050,900	1,030,500
Female .....	2,265,700	461,500	416,900	1,399,000	513,700	695,600
<b>S&amp;E degree fields, total</b> .....	5,866,100	1,535,900	666,400	3,825,600	1,390,200	1,600,000
Male .....	3,758,600	1,110,300	274,200	2,516,100	932,100	954,300
Female .....	2,107,500	425,600	392,200	1,309,500	458,200	645,700
<b>Sciences, total</b> .....	4,486,100	908,500	624,700	2,947,600	1,044,100	1,338,200
Male .....	2,509,900	538,300	238,500	1,716,900	625,900	717,600
Female .....	1,976,300	370,300	386,200	1,230,700	418,300	620,500
<b>Computer/math sciences, total</b> .....	742,700	212,700	73,300	410,000	426,700	91,600
Male .....	491,000	147,800	29,600	272,300	296,900	58,600
Female .....	251,700	64,900	43,700	137,700	129,800	33,000
Computer/information sciences .....	413,500	137,800	12,300	208,200	304,400	28,900
Male .....	295,800	96,500	6,500	149,600	222,300	20,200
Female .....	117,700	41,300	5,800	58,600	82,100	8,600
Mathematical sciences .....	329,200	74,900	60,900	201,800	122,400	62,800
Male .....	195,200	51,300	23,100	122,700	74,700	38,300
Female .....	134,000	23,600	37,900	79,100	47,700	24,400
<b>Life/related sciences, total</b> .....	947,000	234,200	147,100	599,500	133,300	335,200
Male .....	538,000	126,400	59,000	368,800	75,000	189,700
Female .....	409,000	107,900	88,100	230,700	58,200	145,400
Agricultural/food sciences .....	182,300	29,600	18,000	139,300	23,200	69,100
Male .....	133,900	19,000	7,600	108,400	13,600	55,300
Female .....	48,400	10,700	10,400	30,900	9,600	13,800
Biological sciences .....	686,000	187,300	121,200	404,500	97,700	235,900
Male .....	347,900	95,700	48,000	218,300	52,400	113,600
Female .....	338,100	91,600	73,300	186,200	45,300	122,300
Environmental life sciences .....	78,700	17,300	7,800	55,600	12,400	30,200
Male .....	56,100	11,700	3,400	42,000	9,100	20,800
Female .....	22,600	5,600	4,400	13,600	3,300	9,400
<b>Physical/related sciences, total</b> .....	380,900	139,700	44,700	216,400	84,800	105,800
Male .....	287,500	105,800	27,400	169,900	65,200	82,600
Female .....	93,300	34,000	17,300	46,500	19,500	23,100
Chemistry, except biochemistry .....	175,100	66,400	17,300	101,300	35,000	43,100
Male .....	117,900	44,000	9,300	73,400	22,800	29,700
Female .....	57,200	22,400	8,000	27,800	12,200	13,400

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

**Table C-6. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and primary/secondary work activity : 1999**

Level and field of highest degree, and sex	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
<b>Bachelor's — continued</b>						
Earth science, geology and oceanography .....	101,800	33,200	12,300	60,400	22,600	33,000
Male .....	84,000	26,800	10,000	51,000	18,500	28,200
Female .....	17,900	6,400	2,300	9,400	4,100	4,800
Physics/astronomy .....	66,900	31,500	7,300	32,000	23,100	15,500
Male .....	59,600	28,500	5,600	28,200	21,400	14,600
Female .....	7,300	3,000	1,700	3,800	1,700	900
Other physical sciences .....	37,000	8,600	7,800	22,700	4,100	14,100
Male .....	26,100	6,500	2,600	17,300	2,500	10,100
Female .....	11,000	2,100	5,200	5,400	1,600	4,000
<b>Social/related sciences, total</b> .....	<b>2,415,500</b>	<b>321,900</b>	<b>359,700</b>	<b>1,721,700</b>	<b>399,400</b>	<b>805,600</b>
Male .....	1,193,300	158,300	122,500	905,900	188,700	386,700
Female .....	1,222,200	163,500	237,200	815,800	210,800	418,900
Economics .....	340,300	43,400	18,800	279,400	61,100	98,100
Male .....	257,100	32,200	10,800	214,800	42,100	74,300
Female .....	83,200	11,200	8,000	64,600	19,000	23,800
Political/related sciences .....	482,900	73,200	47,000	366,200	71,000	150,900
Male .....	303,000	40,700	25,000	240,100	39,400	92,000
Female .....	179,800	32,500	22,000	126,200	31,600	58,900
Psychology .....	794,500	101,100	150,000	530,900	133,100	283,100
Male .....	286,900	40,200	36,400	205,500	49,700	99,800
Female .....	507,700	60,900	113,700	325,500	83,400	183,300
Sociology/anthropology .....	525,200	66,000	85,000	367,200	83,000	193,300
Male .....	210,800	27,300	25,900	155,300	28,200	81,900
Female .....	314,400	38,700	59,100	211,900	54,800	111,400
Other social sciences .....	272,600	38,200	59,000	178,000	51,200	80,200
Male .....	135,500	17,800	24,500	90,400	29,200	38,700
Female .....	137,200	20,300	34,400	87,600	22,000	41,500
<b>Engineering, total</b> .....	<b>1,380,000</b>	<b>627,400</b>	<b>41,700</b>	<b>878,000</b>	<b>346,100</b>	<b>261,800</b>
Male .....	1,248,700	572,100	35,700	799,300	306,200	236,600
Female .....	131,300	55,300	5,900	78,700	39,900	25,200
Aerospace/related engineering .....	53,600	21,600	3,800	32,100	11,900	13,000
Male .....	49,800	19,800	3,500	29,600	11,100	12,500
Female .....	3,800	1,800	300	2,500	900	500
Chemical engineering .....	112,000	53,400	2,700	70,700	19,300	26,300
Male .....	88,100	43,200	1,800	56,300	14,300	20,700
Female .....	23,900	10,200	900	14,400	5,100	5,600
Civil/architectural engineering .....	247,000	87,800	6,300	184,600	43,600	53,200
Male .....	222,800	77,700	5,800	169,300	37,400	48,000
Female .....	24,100	10,100	600	15,300	6,100	5,200
Electrical/related engineering .....	407,400	206,700	9,900	222,600	165,600	55,400
Male .....	380,700	195,300	8,400	208,600	151,900	53,100
Female .....	26,700	11,300	1,500	14,000	13,700	2,300

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

**Table C-6. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and primary/secondary work activity : 1999**

Level and field of highest degree, and sex	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
<b>Bachelor's — continued</b>						
Industrial engineering .....	79,500	24,400	3,000	60,100	18,300	19,800
Male .....	63,600	20,200	2,600	47,300	13,600	16,500
Female .....	15,900	4,200	400	12,800	4,700	3,300
Mechanical engineering .....	304,200	166,700	7,200	190,100	52,700	53,000
Male .....	286,100	158,100	6,300	180,200	47,500	49,200
Female .....	18,000	8,600	900	9,800	5,300	3,800
Other engineering .....	176,300	66,900	8,700	117,800	34,700	41,200
Male .....	157,500	57,700	7,400	107,900	30,500	36,700
Female .....	18,900	9,200	1,300	9,900	4,200	4,600
<b>Non-S&amp;E degrees, total</b> .....	484,000	136,700	43,100	302,700	174,400	126,100
Male .....	325,900	100,800	18,400	213,100	118,900	76,300
Female .....	158,100	35,900	24,700	89,600	55,500	49,800
<b>Master's</b>						
<b>All degree fields, total</b> .....	2,982,000	830,500	575,300	1,803,700	606,900	895,700
Male .....	1,871,200	602,500	252,500	1,198,400	418,800	464,800
Female .....	1,110,800	228,000	322,800	605,300	188,100	430,900
<b>S&amp;E degree fields, total</b> .....	1,491,200	553,600	235,400	805,600	385,300	400,900
Male .....	987,800	425,100	108,100	551,200	283,000	211,500
Female .....	503,400	128,500	127,300	254,500	102,300	189,400
<b>Sciences, total</b> .....	1,040,400	299,900	221,100	552,800	253,200	336,700
Male .....	582,000	195,200	95,600	321,400	167,400	153,100
Female .....	458,400	104,600	125,500	231,400	85,900	183,500
<b>Computer/math sciences, total</b> .....	262,600	92,800	43,500	126,600	148,200	25,500
Male .....	181,700	70,700	21,400	89,700	105,000	16,500
Female .....	80,900	22,200	22,000	36,900	43,200	9,100
Computer/information sciences .....	160,900	59,300	11,000	77,300	109,200	9,800
Male .....	118,300	47,700	6,300	56,600	81,100	6,700
Female .....	42,600	11,700	4,700	20,700	28,100	3,100
Mathematical sciences .....	101,700	33,500	32,500	49,300	39,000	15,800
Male .....	63,400	23,000	15,200	33,100	23,900	9,800
Female .....	38,300	10,500	17,300	16,200	15,100	6,000
<b>Life/related sciences, total</b> .....	164,100	58,100	41,000	85,700	21,400	49,500
Male .....	92,400	34,900	20,500	53,000	11,600	23,300
Female .....	71,700	23,200	20,600	32,600	9,800	26,200
Agricultural/food sciences .....	30,100	10,900	5,000	19,300	3,900	7,800
Male .....	20,900	7,400	3,000	14,700	2,300	5,100
Female .....	9,100	3,500	2,000	4,500	1,600	2,800
Biological sciences .....	116,200	40,900	33,300	55,700	15,100	35,800
Male .....	60,300	23,200	16,700	30,700	7,700	15,300
Female .....	55,900	17,700	16,600	25,000	7,400	20,500
Environmental life sciences .....	17,900	6,300	2,700	10,700	2,400	5,900
Male .....	11,200	4,300	700	7,600	1,600	3,000
Female .....	6,700	2,100	2,000	3,100	900	2,900

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

**Table C-6. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and primary/secondary work activity : 1999**

Level and field of highest degree, and sex	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
<b>Master's — continued</b>						
<b>Physical/related sciences, total</b> .....	113,900	52,600	18,900	55,000	26,300	24,500
Male .....	85,400	40,900	11,200	41,400	21,000	19,100
Female .....	28,500	11,700	7,700	13,600	5,300	5,400
Chemistry, except biochemistry .....	37,400	17,800	6,600	18,700	4,800	6,200
Male .....	25,000	12,500	3,200	13,100	3,900	3,600
Female .....	12,400	5,300	3,400	5,600	900	2,600
Earth science, geology and oceanography .....	34,200	15,500	5,400	17,900	7,800	9,700
Male .....	26,000	12,300	3,300	14,100	5,700	7,900
Female .....	8,200	3,200	2,100	3,800	2,100	1,800
Physics/astronomy .....	32,500	16,200	4,100	12,900	11,800	6,700
Male .....	28,100	14,100	3,400	10,700	9,800	6,000
Female .....	4,500	2,100	800	2,200	2,000	700
Other physical sciences .....	9,800	3,100	2,800	5,500	2,000	1,900
Male .....	6,500	2,100	1,400	3,500	1,700	1,600
Female .....	3,400	1,000	1,400	1,900	300	400
<b>Social/related sciences, total</b> .....	499,800	96,300	117,700	285,600	57,300	237,100
Male .....	222,500	48,700	42,500	137,300	29,700	94,300
Female .....	277,300	47,600	75,200	148,300	27,600	142,800
Economics .....	43,700	10,500	5,600	32,600	8,300	10,600
Male .....	31,100	8,200	2,800	24,200	6,200	8,400
Female .....	12,600	2,300	2,800	8,400	2,100	2,300
Political/related sciences .....	67,400	17,000	10,300	49,200	8,600	20,000
Male .....	40,600	10,800	6,000	29,700	5,500	11,500
Female .....	26,800	6,300	4,300	19,500	3,100	8,500
Psychology .....	276,100	39,600	71,200	137,800	23,500	170,000
Male .....	98,300	14,900	20,600	54,300	8,700	56,800
Female .....	177,800	24,700	50,600	83,500	14,800	113,100
Sociology/anthropology .....	44,400	12,900	10,400	26,600	5,300	14,700
Male .....	20,200	5,400	4,000	12,800	2,300	6,500
Female .....	24,200	7,500	6,400	13,800	3,000	8,200
Other social sciences .....	68,100	16,200	20,200	39,400	11,600	21,800
Male .....	32,300	9,500	9,100	16,300	7,000	11,000
Female .....	35,900	6,700	11,100	23,000	4,600	10,800
<b>Engineering, total</b> .....	450,800	253,700	14,300	252,900	132,100	64,300
Male .....	405,800	229,800	12,500	229,700	115,600	58,400
Female .....	45,000	23,900	1,800	23,100	16,500	5,900
Aerospace/related engineering .....	17,800	9,900	1,300	8,000	4,500	3,600
Male .....	17,100	9,400	1,200	7,800	4,200	3,600
Female .....	800	600	S	200	300	S
Chemical engineering .....	22,000	14,700	400	11,600	3,900	3,500
Male .....	19,100	13,100	300	10,100	3,400	3,000
Female .....	2,900	1,600	100	1,600	500	600

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

**Table C-6. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and primary/secondary work activity : 1999**

Level and field of highest degree, and sex	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
<b>Master's — continued</b>						
Civil/architectural engineering .....	73,300	34,500	1,500	50,400	15,000	16,400
Male .....	65,000	30,800	1,300	45,000	12,200	14,700
Female .....	8,400	3,800	200	5,500	2,800	1,600
Electrical/related engineering .....	151,300	95,300	3,400	72,500	66,900	10,800
Male .....	139,900	88,800	3,000	68,300	59,400	10,100
Female .....	11,500	6,500	500	4,200	7,400	700
Industrial engineering .....	23,500	9,700	1,500	15,400	7,200	2,900
Male .....	19,200	7,900	1,300	12,400	5,700	2,600
Female .....	4,300	1,900	100	3,000	1,500	300
Mechanical engineering .....	68,300	43,500	2,000	36,300	14,800	9,900
Male .....	64,100	40,600	1,800	34,500	13,900	9,400
Female .....	4,200	2,900	200	1,700	900	400
Other engineering .....	94,600	46,000	4,100	58,600	19,900	17,200
Male .....	81,600	39,400	3,500	51,600	16,800	15,000
Female .....	13,000	6,700	600	7,000	3,100	2,200
<b>Non-S&amp;E degrees, total</b> .....	<b>1,490,800</b>	<b>276,900</b>	<b>339,900</b>	<b>998,000</b>	<b>221,600</b>	<b>494,800</b>
Male .....	883,400	177,400	144,400	647,300	135,800	253,200
Female .....	607,300	99,500	195,500	350,800	85,700	241,500
<b>Doctorate</b>						
<b>All degree fields, total</b> .....	<b>736,700</b>	<b>437,200</b>	<b>249,000</b>	<b>290,600</b>	<b>88,300</b>	<b>164,200</b>
Male .....	552,200	336,900	177,900	220,200	73,700	110,500
Female .....	184,500	100,300	71,100	70,400	14,600	53,800
<b>S&amp;E degree fields, total</b> .....	<b>614,600</b>	<b>393,000</b>	<b>193,200</b>	<b>227,800</b>	<b>78,500</b>	<b>125,800</b>
Male .....	466,400	309,800	141,400	173,900	66,300	80,700
Female .....	148,100	83,200	51,800	53,900	12,200	45,100
<b>Sciences, total</b> .....	<b>509,000</b>	<b>313,800</b>	<b>172,300</b>	<b>189,400</b>	<b>55,900</b>	<b>116,100</b>
Male .....	368,200	235,900	122,400	138,000	45,200	71,700
Female .....	140,800	77,900	49,900	51,500	10,600	44,400
<b>Computer/math sciences, total</b> .....	<b>40,600</b>	<b>26,600</b>	<b>19,300</b>	<b>10,500</b>	<b>13,700</b>	<b>2,400</b>
Male .....	34,500	22,300	16,100	9,400	11,800	2,100
Female .....	6,100	4,200	3,200	1,100	1,900	300
Computer/information sciences .....	12,100	7,900	3,900	3,800	5,400	300
Male .....	10,200	6,600	3,000	3,500	4,600	200
Female .....	1,800	1,300	900	300	700	100
Mathematical sciences .....	28,500	18,600	15,400	6,800	8,300	2,100
Male .....	24,300	15,700	13,100	6,000	7,200	1,900
Female .....	4,200	2,900	2,300	800	1,200	200
<b>Life/related sciences, total</b> .....	<b>176,200</b>	<b>119,000</b>	<b>53,500</b>	<b>67,100</b>	<b>12,400</b>	<b>36,900</b>
Male .....	122,300	83,700	35,000	47,400	9,100	25,200
Female .....	53,900	35,300	18,600	19,700	3,300	11,700
Agricultural/food sciences .....	18,100	12,700	4,300	7,300	1,500	2,500
Male .....	15,200	10,600	3,500	6,200	1,200	2,200
Female .....	2,800	2,100	800	1,100	300	300

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

**Table C-6. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and primary/secondary work activity : 1999**

Level and field of highest degree, and sex	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
<b>Doctorate — continued</b>						
Biological sciences .....	153,100	102,900	47,800	57,300	10,500	33,700
Male .....	102,700	70,200	30,400	39,000	7,600	22,400
Female .....	50,400	32,700	17,500	18,300	2,900	11,300
Environmental life sciences .....	5,000	3,400	1,300	2,400	400	700
Male .....	4,400	2,900	1,100	2,200	400	600
Female .....	700	500	300	200	S	100
<b>Physical/related sciences, total</b> .....	125,900	91,500	32,000	45,700	19,300	11,800
Male .....	109,400	80,300	27,600	40,200	16,800	9,800
Female .....	16,500	11,200	4,400	5,500	2,500	1,900
Chemistry, except biochemistry .....	63,600	45,400	13,500	26,000	5,300	6,400
Male .....	53,000	38,500	11,100	21,800	4,500	4,900
Female .....	10,600	6,900	2,400	4,100	900	1,400
Earth science, geology and oceanography .....	16,500	12,600	6,000	5,200	2,800	1,400
Male .....	14,500	11,100	5,100	4,800	2,400	1,200
Female .....	2,000	1,500	900	400	400	200
Physics/astronomy .....	43,800	32,100	12,000	13,700	10,900	3,800
Male .....	40,400	29,700	10,900	12,900	9,700	3,600
Female .....	3,400	2,400	1,000	800	1,200	300
Other physical sciences .....	1,900	1,300	500	800	300	100
Male .....	1,500	1,000	400	700	300	100
Female .....	400	300	100	100	S	S
<b>Social/related sciences, total</b> .....	166,400	76,800	67,500	66,200	10,400	65,100
Male .....	102,000	49,500	43,800	41,000	7,500	34,600
Female .....	64,400	27,200	23,700	25,200	2,900	30,500
Economics .....	22,500	14,700	10,600	8,200	2,400	3,800
Male .....	18,800	12,000	9,100	6,900	2,000	3,200
Female .....	3,700	2,600	1,500	1,200	400	600
Political/related sciences .....	16,700	8,900	9,500	6,800	900	2,800
Male .....	13,100	6,900	7,400	5,400	600	2,100
Female .....	3,600	2,000	2,100	1,400	300	600
Psychology .....	88,800	29,700	25,700	38,600	4,300	51,800
Male .....	47,600	16,500	14,200	21,200	3,000	25,900
Female .....	41,100	13,200	11,400	17,400	1,300	25,900
Sociology/anthropology .....	23,100	14,300	13,100	7,500	1,500	3,900
Male .....	13,200	8,300	7,800	4,300	1,000	2,100
Female .....	9,800	5,900	5,300	3,200	600	1,800
Other social sciences .....	15,300	9,300	8,600	5,100	1,200	2,700
Male .....	9,300	5,800	5,200	3,200	900	1,300
Female .....	6,100	3,500	3,400	2,000	300	1,500
<b>Engineering, total</b> .....	105,600	79,200	20,900	38,400	22,600	9,700
Male .....	98,200	73,900	19,000	35,900	21,000	9,000
Female .....	7,300	5,300	1,900	2,500	1,600	700

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



**Table C-6. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and primary/secondary work activity : 1999**

Level and field of highest degree, and sex	Employed S&Es, total	Primary/secondary work activity				
		Research and development	Teaching	Management, sales, admin	Computer applications	Professional services/ other
<b>Doctorate — continued</b>						
Aerospace/related engineering .....	4,900	3,900	1,000	1,500	1,500	200
Male .....	4,700	3,700	1,000	1,400	1,400	200
Female .....	200	200	S	S	S	S
Chemical engineering .....	13,600	10,400	1,900	5,500	2,000	1,100
Male .....	12,600	9,500	1,800	5,200	1,900	1,000
Female .....	1,000	900	100	300	100	100
Civil/architectural engineering .....	9,900	6,200	3,100	4,400	1,900	1,300
Male .....	9,100	5,800	2,700	4,100	1,800	1,200
Female .....	800	400	400	400	100	100
Electrical/related engineering .....	28,300	21,800	5,000	9,800	7,400	2,200
Male .....	26,600	20,500	4,600	9,300	6,900	2,000
Female .....	1,700	1,300	400	500	500	100
Industrial engineering .....	3,300	1,800	1,300	1,500	700	300
Male .....	2,700	1,500	900	1,300	600	300
Female .....	500	300	300	200	100	100
Mechanical engineering .....	13,500	10,300	2,700	4,300	3,100	1,200
Male .....	13,200	10,000	2,500	4,200	3,000	1,200
Female .....	300	300	100	100	100	S
Other engineering .....	32,100	24,800	5,900	11,300	6,000	3,500
Male .....	29,300	22,800	5,400	10,400	5,300	3,100
Female .....	2,800	2,000	600	1,000	600	400
<b>Non-S&amp;E degrees, total</b> .....	<b>122,100</b>	<b>44,200</b>	<b>55,800</b>	<b>62,800</b>	<b>9,900</b>	<b>38,500</b>
Male .....	85,800	27,100	36,500	46,300	7,400	29,800
Female .....	36,400	17,100	19,300	16,500	2,400	8,700

<sup>1</sup> Total includes professional degrees not broken out separately.

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

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

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