

**Table B-10. U.S. scientists and engineers, by level and field of highest degree attained, sex, and race/ethnicity: 1993**

Level and field of highest degree, and sex	S&Es, total	Race/ethnicity				
		White	Black	Hispanic	Asian	Other
<b>All degree levels<sup>1</sup></b>						
<b>All degree fields, total</b> .....	11,615,200	9,896,200	573,800	352,000	757,900	35,200
Male .....	7,747,300	6,711,800	291,300	221,500	499,800	22,800
Female .....	3,867,900	3,184,400	282,500	130,500	258,100	12,400
<b>S&amp;E degree fields, total</b> .....	8,571,000	7,244,200	413,400	268,200	619,200	25,900
Male .....	5,692,900	4,890,500	205,600	168,100	412,400	16,300
Female .....	2,878,000	2,353,700	207,800	100,100	206,800	9,600
<b>Sciences, total</b> .....	6,354,300	5,381,700	366,500	198,400	386,300	21,400
Male .....	3,648,700	3,156,700	166,900	105,900	206,900	12,300
Female .....	2,705,600	2,225,000	199,600	92,500	179,400	9,100
<b>Computer/math sciences, total</b> .....	1,046,400	852,400	59,800	28,500	102,400	3,300
Male .....	675,100	562,200	30,300	18,800	61,600	2,200
Female .....	371,300	290,200	29,500	9,700	40,800	1,100
Computer/information sciences .....	515,100	394,900	32,300	17,700	68,500	1,700
Male .....	344,600	273,500	15,900	11,700	42,400	1,200
Female .....	170,500	121,500	16,400	6,000	26,100	500
Mathematical sciences .....	531,300	457,500	27,500	10,800	33,900	1,600
Male .....	330,500	288,800	14,400	7,100	19,300	1,000
Female .....	200,800	168,700	13,100	3,700	14,600	600
<b>Life/related sciences, total</b> .....	1,322,600	1,124,200	59,900	42,100	92,100	4,300
Male .....	773,800	675,500	27,600	24,200	44,000	2,500
Female .....	548,800	448,700	32,200	18,000	48,100	1,800
Agricultural/food sciences .....	243,700	218,200	6,800	5,900	12,100	700
Male .....	185,000	166,900	5,200	4,200	8,000	700
Female .....	58,700	51,200	1,600	1,600	4,100	100
Biological sciences .....	982,000	814,300	52,400	34,400	77,600	3,200
Male .....	515,600	438,700	22,100	18,700	34,500	1,600
Female .....	466,300	375,600	30,300	15,700	43,100	1,700
Environmental life sciences .....	97,000	91,800	700	1,800	2,400	300
Male .....	73,200	69,900	400	1,200	1,400	300
Female .....	23,800	21,900	300	600	1,000	S
<b>Physical/related sciences, total</b> .....	760,700	652,600	24,400	17,900	63,300	2,600
Male .....	592,700	519,500	16,900	12,900	41,600	1,900
Female .....	168,100	133,100	7,500	5,000	21,700	700
Chemistry, except biochemistry .....	345,000	281,500	15,200	9,100	38,000	1,100
Male .....	242,300	204,700	9,700	5,700	21,400	800
Female .....	102,700	76,900	5,600	3,400	16,600	300
Earth science, geology and oceanography .....	175,900	163,600	1,800	3,700	6,200	600
Male .....	146,600	136,700	1,200	3,100	5,200	300
Female .....	29,300	26,900	600	600	1,000	300
Physics/astronomy .....	173,900	148,700	4,700	3,200	16,600	600
Male .....	155,900	135,200	4,000	2,800	13,300	600
Female .....	18,000	13,500	700	300	3,300	100
Other physical sciences .....	34,800	30,800	1,100	1,100	1,700	100
Male .....	24,200	21,300	800	800	1,200	100
Female .....	10,700	9,400	400	400	500	S
<b>Social/related sciences, total</b> .....	3,224,500	2,752,500	222,400	110,000	128,500	11,200
Male .....	1,607,100	1,399,500	92,100	50,100	59,700	5,800
Female .....	1,617,400	1,353,000	130,300	59,900	68,800	5,400

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

**Table B-10. U.S. scientists and engineers, by level and field of highest degree attained, sex, and race/ethnicity: 1993**

Level and field of highest degree, and sex	S&Es, total	Race/ethnicity				
		White	Black	Hispanic	Asian	Other
<b>All degree levels<sup>1</sup> — continued</b>						
Economics .....	482,300	415,300	18,400	13,100	34,800	800
Male .....	363,400	321,100	12,500	9,200	19,900	700
Female .....	118,900	94,100	5,900	3,900	14,800	100
Political/related sciences .....	579,800	494,100	36,500	22,200	24,800	2,200
Male .....	368,600	319,100	19,900	12,500	15,700	1,400
Female .....	211,200	174,900	16,600	9,700	9,100	800
Psychology .....	1,177,600	1,023,200	78,200	40,600	31,500	4,300
Male .....	456,700	403,400	26,700	13,400	11,300	1,900
Female .....	720,900	619,800	51,400	27,200	20,100	2,300
Sociology/anthropology .....	635,300	525,600	64,400	20,700	21,600	3,000
Male .....	236,500	197,200	23,400	8,800	5,900	1,100
Female .....	398,900	328,300	40,900	11,900	15,700	1,900
Other social sciences .....	349,500	294,400	24,900	13,400	15,900	1,000
Male .....	182,000	158,600	9,500	6,300	6,900	700
Female .....	167,500	135,800	15,400	7,100	9,000	200
<b>Engineering, total</b> .....	<b>2,216,700</b>	<b>1,862,600</b>	<b>46,900</b>	<b>69,800</b>	<b>232,900</b>	<b>4,500</b>
Male .....	2,044,200	1,733,800	38,700	62,100	205,600	4,000
Female .....	172,400	128,700	8,200	7,600	27,400	500
Aerospace/related engineering .....	100,800	90,800	1,500	3,100	5,300	100
Male .....	96,400	87,000	1,300	3,000	5,200	S
Female .....	4,400	3,800	200	100	100	100
Chemical engineering .....	169,900	139,800	2,900	5,400	21,600	200
Male .....	143,000	119,900	2,000	4,000	17,000	200
Female .....	26,900	19,800	1,000	1,400	4,700	S
Civil/architectural engineering .....	365,000	301,900	6,000	14,700	41,800	600
Male .....	335,900	280,100	4,700	13,100	37,500	500
Female .....	29,100	21,700	1,400	1,600	4,300	100
Electrical/related engineering .....	648,700	526,700	17,500	20,800	82,500	1,200
Male .....	607,600	499,800	15,200	18,600	72,800	1,200
Female .....	41,100	26,800	2,400	2,200	9,700	100
Industrial engineering .....	126,900	107,500	4,300	4,600	10,200	400
Male .....	109,200	94,100	3,300	3,500	7,900	400
Female .....	17,700	13,400	900	1,100	2,300	S
Mechanical engineering .....	454,500	393,000	7,900	12,300	40,200	1,100
Male .....	433,400	375,800	6,700	12,000	37,800	1,100
Female .....	21,100	17,300	1,100	300	2,300	100
Other engineering .....	350,200	302,400	6,800	8,800	31,200	900
Male .....	318,600	277,000	5,600	7,900	27,400	800
Female .....	31,600	25,400	1,300	900	3,800	200
<b>Non-S&amp;E degrees, total</b> .....	<b>3,044,200</b>	<b>2,652,000</b>	<b>160,400</b>	<b>83,800</b>	<b>138,700</b>	<b>9,300</b>
Male .....	2,054,300	1,821,300	85,700	53,400	87,300	6,500
Female .....	989,900	830,600	74,700	30,400	51,300	2,800
<b>Bachelor's</b>						
<b>All degree fields, total</b> .....	<b>6,975,000</b>	<b>5,961,800</b>	<b>367,300</b>	<b>223,800</b>	<b>399,500</b>	<b>22,500</b>
Male .....	4,555,000	3,980,500	181,400	137,900	241,700	13,500
Female .....	2,420,000	1,981,300	185,900	85,900	157,900	9,000

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

**Table B-10. U.S. scientists and engineers, by level and field of highest degree attained, sex, and race/ethnicity: 1993**

Level and field of highest degree, and sex	S&Es, total	Race/ethnicity				
		White	Black	Hispanic	Asian	Other
<b>Bachelor's — continued</b>						
<b>S&amp;E degree fields, total</b> .....	6,402,200	5,468,900	336,900	209,200	367,600	19,600
Male .....	4,168,200	3,641,000	163,100	128,000	224,000	12,100
Female .....	2,233,900	1,827,900	173,800	81,200	143,600	7,500
<b>Sciences, total</b> .....	4,726,000	4,020,300	297,400	155,100	236,900	16,200
Male .....	2,623,100	2,291,600	130,800	79,800	111,800	9,100
Female .....	2,102,900	1,728,700	166,600	75,400	125,100	7,100
<b>Computer/math sciences, total</b> .....	761,100	628,200	50,400	23,600	56,400	2,600
Male .....	473,000	402,000	24,700	14,900	29,900	1,500
Female .....	288,100	226,200	25,600	8,700	26,500	1,000
Computer/information sciences .....	374,000	292,500	28,500	15,400	36,300	1,400
Male .....	242,600	198,900	13,100	9,800	19,900	900
Female .....	131,400	93,600	15,400	5,500	16,400	500
Mathematical sciences .....	387,100	335,700	21,900	8,200	20,000	1,200
Male .....	230,400	203,000	11,600	5,100	9,900	700
Female .....	156,700	132,600	10,200	3,200	10,100	500
<b>Life/related sciences, total</b> .....	966,400	830,600	48,000	31,400	53,300	3,100
Male .....	545,600	482,300	21,900	16,900	22,600	1,800
Female .....	420,800	348,200	26,100	14,500	30,700	1,300
Agricultural/food sciences .....	192,000	174,700	5,700	4,400	6,600	600
Male .....	145,500	133,100	4,400	2,900	4,500	600
Female .....	46,500	41,500	1,300	1,500	2,100	S
Biological sciences .....	698,500	582,900	42,200	25,600	45,600	2,300
Male .....	341,400	292,300	17,400	13,200	17,500	1,100
Female .....	357,100	290,500	24,800	12,500	28,100	1,200
Environmental life sciences .....	75,900	73,000	100	1,400	1,200	200
Male .....	58,600	56,800	100	900	700	200
Female .....	17,300	16,200	S	500	500	S
<b>Physical/related sciences, total</b> .....	489,700	425,800	18,700	12,000	31,200	2,000
Male .....	366,800	327,300	12,300	8,900	16,900	1,400
Female .....	122,900	98,500	6,400	3,100	14,300	600
Chemistry, except biochemistry .....	231,800	190,500	12,500	6,500	21,400	900
Male .....	152,300	130,500	7,600	4,300	9,200	600
Female .....	79,500	60,000	4,900	2,200	12,200	300
Earth science, geology and oceanography .....	116,900	110,600	1,000	2,300	2,400	500
Male .....	97,900	93,100	700	1,900	1,900	300
Female .....	19,000	17,500	300	400	500	200
Physics/astronomy .....	91,300	79,900	3,100	1,700	6,000	500
Male .....	81,400	71,800	2,700	1,600	4,800	400
Female .....	9,900	8,100	500	100	1,100	100
Other physical sciences .....	24,700	22,100	900	800	900	S
Male .....	16,300	14,500	600	600	600	S
Female .....	8,300	7,600	300	100	300	S
<b>Social/related sciences, total</b> .....	2,508,800	2,135,800	180,400	88,100	95,900	8,600
Male .....	1,237,700	1,080,000	71,900	39,100	42,400	4,400
Female .....	1,271,100	1,055,800	108,600	49,000	53,500	4,200
Economics .....	407,100	355,900	15,100	10,300	25,200	700
Male .....	303,800	272,800	9,300	6,900	14,200	600
Female .....	103,300	83,100	5,700	3,400	11,000	100

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

**Table B-10. U.S. scientists and engineers, by level and field of highest degree attained, sex, and race/ethnicity: 1993**

Level and field of highest degree, and sex	S&Es, total	Race/ethnicity				
		White	Black	Hispanic	Asian	Other
<b>Bachelor's — continued</b>						
Political/related sciences .....	489,100	416,400	32,100	19,400	19,200	2,000
Male .....	306,000	264,600	17,000	10,800	12,300	1,200
Female .....	183,100	151,800	15,100	8,600	6,800	800
Psychology .....	783,800	672,900	54,800	29,800	23,800	2,600
Male .....	292,100	255,800	17,800	9,400	8,000	1,200
Female .....	491,700	417,100	37,100	20,400	15,700	1,400
Sociology/anthropology .....	559,800	461,800	60,100	18,300	16,900	2,600
Male .....	197,900	164,400	21,500	7,300	3,800	900
Female .....	361,900	297,400	38,600	11,000	13,100	1,800
Other social sciences .....	269,000	228,800	18,300	10,300	10,800	800
Male .....	137,900	122,400	6,300	4,600	4,000	600
Female .....	131,100	106,400	12,100	5,700	6,800	200
<b>Engineering, total</b> .....	<b>1,676,100</b>	<b>1,448,600</b>	<b>39,500</b>	<b>54,000</b>	<b>130,700</b>	<b>3,300</b>
Male .....	1,545,100	1,349,400	32,300	48,200	112,200	3,000
Female .....	131,000	99,100	7,200	5,800	18,500	400
Aerospace/related engineering .....	73,700	66,900	1,200	2,300	3,200	100
Male .....	69,800	63,500	1,000	2,200	3,100	S
Female .....	3,900	3,400	200	100	100	100
Chemical engineering .....	127,500	107,500	2,500	3,900	13,500	100
Male .....	104,700	90,700	1,600	2,900	9,400	100
Female .....	22,800	16,800	900	900	4,100	S
Civil/architectural engineering .....	283,600	241,100	4,900	11,600	25,500	400
Male .....	260,900	223,600	3,900	10,500	22,500	300
Female .....	22,700	17,500	1,000	1,100	3,000	100
Electrical/related engineering .....	480,400	401,500	14,900	16,200	47,000	800
Male .....	449,100	380,900	12,800	14,200	40,400	800
Female .....	31,200	20,500	2,200	1,900	6,500	100
Industrial engineering .....	102,800	90,400	3,800	3,600	4,900	100
Male .....	88,900	79,400	2,900	2,900	3,600	100
Female .....	13,900	11,000	900	700	1,300	S
Mechanical engineering .....	374,100	331,400	6,700	10,300	24,600	1,000
Male .....	356,400	317,000	5,700	10,000	22,700	1,000
Female .....	17,700	14,400	1,000	300	1,900	100
Other engineering .....	233,700	209,300	5,400	6,100	12,100	800
Male .....	215,200	194,200	4,400	5,400	10,500	700
Female .....	18,500	15,100	1,000	700	1,700	100
<b>Non-S&amp;E degrees, total</b> .....	<b>572,800</b>	<b>492,900</b>	<b>30,400</b>	<b>14,600</b>	<b>32,000</b>	<b>2,900</b>
Male .....	386,700	339,500	18,200	9,900	17,700	1,400
Female .....	186,100	153,400	12,100	4,700	14,300	1,500
<b>Master's</b>						
<b>All degree fields, total</b> .....	<b>3,011,700</b>	<b>2,532,000</b>	<b>148,200</b>	<b>82,500</b>	<b>240,900</b>	<b>8,100</b>
Male .....	1,930,800	1,632,800	72,700	51,200	168,400	5,600
Female .....	1,081,000	899,200	75,500	31,300	72,500	2,500
<b>S&amp;E degree fields, total</b> .....	<b>1,571,900</b>	<b>1,282,500</b>	<b>64,200</b>	<b>43,100</b>	<b>177,800</b>	<b>4,400</b>
Male .....	1,051,900	858,500	33,800	28,800	127,800	2,800
Female .....	520,100	423,900	30,300	14,300	50,000	1,600

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

**Table B-10. U.S. scientists and engineers, by level and field of highest degree attained, sex, and race/ethnicity: 1993**

Level and field of highest degree, and sex	S&Es, total	Race/ethnicity				
		White	Black	Hispanic	Asian	Other
<b>Master's — continued</b>						
<b>Sciences, total</b> .....	1,123,600	934,900	57,900	29,400	97,900	3,500
Male .....	640,600	537,800	28,600	16,700	55,600	1,900
Female .....	483,000	397,100	29,300	12,800	42,300	1,600
<b>Computer/math sciences, total</b> .....	250,600	196,700	9,100	4,000	40,200	700
Male .....	171,700	136,000	5,200	3,100	26,800	600
Female .....	78,900	60,700	3,800	800	13,400	100
Computer/information sciences .....	134,200	97,700	3,800	2,100	30,300	300
Male .....	96,100	70,600	2,800	1,700	20,800	300
Female .....	38,100	27,100	1,000	500	9,500	S
Mathematical sciences .....	116,400	99,000	5,300	1,800	9,900	400
Male .....	75,600	65,400	2,400	1,500	6,000	300
Female .....	40,800	33,600	2,800	400	3,900	100
<b>Life/related sciences, total</b> .....	187,500	155,900	8,500	4,300	18,000	800
Male .....	104,200	90,600	3,500	2,900	6,700	400
Female .....	83,400	65,300	5,000	1,400	11,200	400
Agricultural/food sciences .....	33,100	27,900	900	900	3,300	100
Male .....	23,500	20,100	600	900	1,900	S
Female .....	9,600	7,700	300	100	1,500	100
Biological sciences .....	137,800	113,500	7,100	3,000	13,500	600
Male .....	70,100	61,200	2,700	1,800	4,200	200
Female .....	67,600	52,300	4,400	1,300	9,300	300
Environmental life sciences .....	16,700	14,600	500	400	1,100	100
Male .....	10,500	9,200	200	300	700	100
Female .....	6,200	5,400	300	100	400	S
<b>Physical/related sciences, total</b> .....	139,200	117,000	4,200	3,400	14,300	300
Male .....	108,100	92,700	3,200	2,200	9,800	200
Female .....	31,100	24,300	1,000	1,100	4,500	100
Chemistry, except biochemistry .....	44,000	34,800	1,800	1,000	6,300	100
Male .....	29,900	24,700	1,300	400	3,700	S
Female .....	14,000	10,200	500	600	2,600	100
Earth science, geology and oceanography .....	41,500	36,900	800	1,200	2,500	100
Male .....	32,800	28,900	500	1,100	2,200	S
Female .....	8,700	7,900	300	200	300	100
Physics/astronomy .....	39,100	32,600	1,000	800	4,600	100
Male .....	33,900	29,000	900	700	3,200	100
Female .....	5,200	3,500	100	100	1,400	S
Other physical sciences .....	8,700	7,400	200	300	700	100
Male .....	6,600	5,800	200	100	500	100
Female .....	2,100	1,600	100	200	200	S
<b>Social/related sciences, total</b> .....	546,300	465,300	36,100	17,700	25,500	1,700
Male .....	256,600	218,600	16,700	8,400	12,300	700
Female .....	289,700	246,800	19,400	9,400	13,200	1,000
Economics .....	52,300	39,800	2,700	2,300	7,500	S
Male .....	39,600	31,200	2,600	1,700	4,100	S
Female .....	12,600	8,600	100	500	3,400	S
Political/related sciences .....	73,300	62,300	3,600	2,500	4,700	100
Male .....	48,500	42,200	2,200	1,500	2,500	100
Female .....	24,800	20,100	1,400	1,100	2,200	S

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

**Table B-10. U.S. scientists and engineers, by level and field of highest degree attained, sex, and race/ethnicity: 1993**

Level and field of highest degree, and sex	S&Es, total	Race/ethnicity				
		White	Black	Hispanic	Asian	Other
<b>Master's — continued</b>						
Psychology .....	304,300	268,300	20,400	8,700	5,600	1,300
Male .....	111,800	98,700	7,500	2,800	2,300	500
Female .....	192,400	169,500	12,800	5,900	3,400	800
Sociology/anthropology .....	51,500	42,500	3,300	1,700	3,800	200
Male .....	23,300	19,300	1,300	1,000	1,500	100
Female .....	28,200	23,100	2,000	700	2,200	100
Other social sciences .....	65,100	52,500	6,100	2,600	3,900	S
Male .....	33,400	27,100	3,000	1,400	1,900	S
Female .....	31,700	25,400	3,100	1,200	1,900	S
<b>Engineering, total</b> .....	<b>448,300</b>	<b>347,600</b>	<b>6,300</b>	<b>13,600</b>	<b>80,000</b>	<b>900</b>
Male .....	411,300	320,700	5,300	12,100	72,300	900
Female .....	37,000	26,800	1,000	1,500	7,700	S
Aerospace/related engineering .....	23,300	21,000	200	700	1,500	S
Male .....	22,900	20,600	200	700	1,400	S
Female .....	400	400	S	S	100	S
Chemical engineering .....	28,800	22,400	400	1,300	4,700	100
Male .....	25,400	19,900	300	900	4,300	100
Female .....	3,400	2,600	S	400	400	S
Civil/architectural engineering .....	72,600	54,300	900	2,900	14,300	100
Male .....	66,500	50,300	600	2,400	13,000	100
Female .....	6,100	4,000	400	500	1,200	S
Electrical/related engineering .....	145,100	108,700	2,200	4,200	29,700	300
Male .....	136,000	102,800	2,100	3,900	26,900	300
Female .....	9,100	5,900	200	300	2,800	S
Industrial engineering .....	21,600	15,500	500	600	4,800	200
Male .....	18,200	13,300	400	500	3,900	200
Female .....	3,400	2,200	S	100	1,000	S
Mechanical engineering .....	69,000	53,700	1,000	1,700	12,500	100
Male .....	65,800	51,000	800	1,700	12,200	100
Female .....	3,200	2,700	100	S	300	S
Other engineering .....	87,700	72,000	1,100	2,200	12,400	S
Male .....	76,500	62,900	800	2,100	10,700	S
Female .....	11,300	9,100	300	200	1,700	S
<b>Non-S&amp;E degrees, total</b> .....	<b>1,439,800</b>	<b>1,249,500</b>	<b>84,000</b>	<b>39,500</b>	<b>63,100</b>	<b>3,700</b>
Male .....	878,900	774,300	38,900	22,400	40,500	2,800
Female .....	560,900	475,200	45,200	17,100	22,500	900
<b>Doctorate</b>						
<b>All degree fields, total</b> .....	<b>706,700</b>	<b>583,700</b>	<b>22,200</b>	<b>18,800</b>	<b>79,400</b>	<b>2,500</b>
Male .....	554,600	460,000	14,500	13,300	64,800	2,000
Female .....	152,100	123,700	7,700	5,500	14,600	600
<b>S&amp;E degree fields, total</b> .....	<b>589,600</b>	<b>486,700</b>	<b>12,000</b>	<b>15,700</b>	<b>73,400</b>	<b>1,900</b>
Male .....	468,700	387,400	8,300	11,100	60,400	1,400
Female .....	120,900	99,300	3,600	4,600	13,000	500
<b>Sciences, total</b> .....	<b>497,400</b>	<b>420,200</b>	<b>10,800</b>	<b>13,600</b>	<b>51,100</b>	<b>1,700</b>
Male .....	380,900	323,800	7,200	9,300	39,300	1,300
Female .....	116,600	96,500	3,600	4,300	11,800	400

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

**Table B-10. U.S. scientists and engineers, by level and field of highest degree attained, sex, and race/ethnicity: 1993**

Level and field of highest degree, and sex	S&Es, total	Race/ethnicity				
		White	Black	Hispanic	Asian	Other
<b>Doctorate — continued</b>						
<b>Computer/math sciences, total</b> .....	34,800	27,600	400	900	5,800	100
Male .....	30,400	24,300	300	800	5,000	100
Female .....	4,400	3,300	100	100	900	S
Computer/information sciences .....	6,900	4,700	100	200	1,900	S
Male .....	5,900	4,000	100	200	1,700	S
Female .....	1,000	800	S	S	200	S
Mathematical sciences .....	27,900	22,800	300	700	3,900	100
Male .....	24,500	20,300	300	600	3,300	100
Female .....	3,300	2,500	S	100	600	S
<b>Life/related sciences, total</b> .....	168,700	137,700	3,400	6,300	20,800	500
Male .....	124,100	102,600	2,200	4,300	14,600	300
Female .....	44,600	35,100	1,100	2,000	6,200	200
Agricultural/food sciences .....	18,600	15,600	200	500	2,200	S
Male .....	16,000	13,600	200	500	1,600	S
Female .....	2,600	2,000	S	S	500	S
Biological sciences .....	145,700	117,900	3,100	5,800	18,500	400
Male .....	104,100	85,200	2,000	3,800	12,900	200
Female .....	41,600	32,800	1,100	2,000	5,600	100
Environmental life sciences .....	4,400	4,100	S	S	100	S
Male .....	4,000	3,800	S	S	100	S
Female .....	400	400	S	S	S	S
<b>Physical/related sciences, total</b> .....	131,800	109,800	1,500	2,400	17,800	300
Male .....	117,700	99,500	1,400	1,700	14,900	300
Female .....	14,100	10,300	200	700	2,900	S
Chemistry, except biochemistry .....	69,300	56,200	900	1,600	10,400	200
Male .....	60,100	49,500	800	1,000	8,500	200
Female .....	9,200	6,700	100	500	1,800	S
Earth science, geology and oceanography .....	17,600	16,100	S	200	1,200	S
Male .....	15,900	14,600	S	200	1,000	S
Female .....	1,600	1,400	S	S	200	S
Physics/astronomy .....	43,500	36,200	600	600	6,000	100
Male .....	40,600	34,300	500	500	5,200	100
Female .....	2,900	1,900	100	100	800	S
Other physical sciences .....	1,400	1,300	S	100	100	S
Male .....	1,200	1,000	S	100	100	S
Female .....	300	300	S	S	S	S
<b>Social/related sciences, total</b> .....	162,200	145,200	5,500	3,900	6,700	900
Male .....	108,600	97,400	3,300	2,500	4,800	600
Female .....	53,500	47,800	2,200	1,400	1,900	200
Economics .....	22,900	19,600	600	500	2,100	100
Male .....	19,900	17,200	600	500	1,600	100
Female .....	3,000	2,500	100	S	400	S
Political/related sciences .....	17,400	15,400	800	300	900	100
Male .....	14,100	12,300	600	200	800	100
Female .....	3,300	3,000	200	100	100	S
Psychology .....	82,400	75,900	2,600	1,900	1,600	400
Male .....	48,600	45,400	1,100	1,000	800	200
Female .....	33,800	30,500	1,500	800	800	200

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

**Table B-10. U.S. scientists and engineers, by level and field of highest degree attained, sex, and race/ethnicity: 1993**

Level and field of highest degree, and sex	S&Es, total	Race/ethnicity				
		White	Black	Hispanic	Asian	Other
<b>Doctorate — continued</b>						
Sociology/anthropology .....	24,100	21,300	900	700	900	200
Male .....	15,400	13,500	600	500	600	100
Female .....	8,700	7,800	300	300	300	S
Other social sciences .....	15,400	13,100	500	500	1,200	100
Male .....	10,700	9,000	300	300	900	100
Female .....	4,700	4,000	200	200	300	S
<b>Engineering, total</b> .....	<b>92,200</b>	<b>66,400</b>	<b>1,200</b>	<b>2,100</b>	<b>22,200</b>	<b>200</b>
Male .....	87,800	63,700	1,100	1,800	21,100	200
Female .....	4,400	2,800	100	300	1,200	100
Aerospace/related engineering .....	3,700	2,900	100	100	700	S
Male .....	3,700	2,900	100	100	700	S
Female .....	S	S	S	S	S	S
Chemical engineering .....	13,600	9,900	100	200	3,400	S
Male .....	12,900	9,400	100	200	3,300	S
Female .....	700	500	S	S	200	S
Civil/architectural engineering .....	8,900	6,500	100	200	2,100	S
Male .....	8,500	6,200	100	200	2,000	S
Female .....	300	300	S	S	100	S
Electrical/related engineering .....	23,200	16,500	300	500	5,800	100
Male .....	22,500	16,100	300	500	5,500	100
Female .....	800	400	S	S	300	S
Industrial engineering .....	2,500	1,700	S	400	400	S
Male .....	2,100	1,400	S	200	400	S
Female .....	400	200	S	200	S	S
Mechanical engineering .....	11,500	7,900	200	300	3,100	S
Male .....	11,200	7,700	200	300	3,000	S
Female .....	300	100	S	S	100	S
Other engineering .....	28,800	21,100	400	500	6,700	100
Male .....	27,000	19,900	300	400	6,200	100
Female .....	1,800	1,200	S	S	500	100
<b>Non-S&amp;E degrees, total</b> .....	<b>117,100</b>	<b>97,000</b>	<b>10,300</b>	<b>3,100</b>	<b>6,100</b>	<b>600</b>
Male .....	85,800	72,600	6,200	2,100	4,400	500
Female .....	31,200	24,400	4,100	1,000	1,700	100

<sup>1</sup> 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)