

**Table C-11. Employed U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and years since degree: 1993**

Level and field of highest degree, and race/ethnicity	Employed S&Es, total	Years since degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
<b>All degree levels<sup>1</sup></b>									
<b>All degree fields, total</b> .....	9,793,500	1,742,500	1,918,200	1,731,200	1,633,900	1,226,200	678,000	397,600	465,900
White .....	8,303,300	1,413,000	1,588,400	1,456,900	1,398,900	1,068,500	592,900	353,600	431,100
Black .....	503,100	102,900	107,000	98,200	93,900	54,700	23,200	11,100	12,200
Hispanic .....	306,800	72,700	75,500	63,900	45,600	23,100	12,000	7,000	6,900
Asian .....	650,800	148,500	141,300	106,000	89,900	76,800	48,600	25,100	14,500
Other .....	29,600	5,500	5,900	6,200	5,600	3,200	1,200	800	1,200
<b>S&amp;E degree fields, total</b> .....	7,035,800	1,298,600	1,330,100	1,168,700	1,112,900	927,800	515,800	306,800	375,000
White .....	5,905,800	1,037,300	1,083,100	974,100	941,300	803,200	447,400	271,500	347,900
Black .....	357,200	76,400	74,900	67,500	65,400	38,900	17,300	8,900	8,000
Hispanic .....	228,400	56,100	54,800	45,200	32,300	18,600	10,000	5,700	5,800
Asian .....	523,400	124,800	113,900	77,700	69,700	64,600	40,100	20,200	12,300
Other .....	21,000	3,900	3,500	4,200	4,200	2,500	1,000	500	1,100
<b>Sciences, total</b> .....	5,202,100	994,600	967,000	858,800	888,700	706,800	367,900	190,100	228,200
White .....	4,385,200	806,900	792,700	719,600	754,100	615,400	321,000	166,800	208,800
Black .....	314,800	65,300	64,000	57,500	60,500	36,300	16,000	7,700	7,500
Hispanic .....	165,600	42,200	37,400	32,300	26,100	13,400	6,400	4,100	3,700
Asian .....	319,500	76,800	70,000	46,200	44,400	39,500	23,700	11,100	7,700
Other .....	17,000	3,300	2,800	3,300	3,600	2,300	800	300	500
<b>Computer/math sciences, total</b> .....	918,000	198,700	252,800	145,100	107,900	109,900	60,700	24,500	18,600
White .....	744,600	146,600	198,300	117,200	91,700	96,700	54,300	22,900	16,800
Black .....	54,200	16,000	15,100	8,700	5,500	4,400	2,700	800	900
Hispanic .....	24,900	6,900	8,300	3,600	3,200	1,600	800	300	200
Asian .....	91,600	28,700	30,200	15,000	7,200	6,900	2,600	400	600
Other .....	2,800	600	900	600	200	300	200	S	S
<b>Life/related sciences, total</b> ...	1,073,100	173,600	174,600	198,200	213,100	138,200	82,100	40,100	53,300
White .....	914,100	141,800	144,200	169,200	188,300	120,000	70,000	34,200	46,500
Black .....	48,500	8,000	9,500	9,600	6,700	6,400	3,300	2,200	2,700
Hispanic .....	35,100	7,100	7,100	8,500	5,200	2,600	2,000	1,000	1,600
Asian .....	71,900	15,900	13,200	10,300	11,900	8,900	6,700	2,700	2,300
Other .....	3,600	900	500	500	1,000	400	100	100	200
<b>Physical/related sciences, total</b> .....	599,800	93,400	94,700	93,000	85,100	83,800	59,400	42,300	48,000
White .....	506,300	74,000	77,700	78,900	70,800	72,700	50,900	37,000	44,400
Black .....	20,700	3,600	3,900	3,400	3,400	2,000	2,100	1,000	1,200
Hispanic .....	15,200	3,600	3,400	2,700	1,600	1,700	600	700	900
Asian .....	55,300	11,800	9,400	7,800	8,800	7,000	5,600	3,600	1,300
Other .....	2,200	400	300	300	300	500	100	S	200
<b>Social/related sciences, total</b> .....	2,611,200	528,900	444,900	422,500	482,700	374,900	165,800	83,200	108,200
White .....	2,220,200	444,600	372,500	354,300	403,200	326,000	145,700	72,700	101,100
Black .....	191,500	37,700	35,500	35,800	44,900	23,500	7,800	3,700	2,700
Hispanic .....	90,400	24,700	18,600	17,500	16,100	7,600	3,100	2,100	900
Asian .....	100,700	20,400	17,200	13,000	16,500	16,700	8,900	4,500	3,500
Other .....	8,400	1,500	1,100	1,900	2,100	1,200	300	200	100

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

**Table C-11. Employed U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and years since degree: 1993**

Level and field of highest degree, and race/ethnicity	Employed S&Es, total	Years since degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
<b>All degree levels<sup>1</sup> — continued</b>									
<b>Engineering, total</b> .....	1,833,700	304,000	363,200	309,900	224,100	221,000	147,900	116,700	146,900
White .....	1,520,600	230,400	290,400	254,500	187,200	187,900	126,500	104,700	139,100
Black .....	42,400	11,100	10,900	10,000	4,800	2,600	1,300	1,200	500
Hispanic .....	62,800	13,900	17,400	12,900	6,200	5,200	3,500	1,600	2,100
Asian .....	203,900	48,000	43,900	31,600	25,300	25,100	16,500	9,000	4,600
Other .....	4,000	600	700	900	600	300	200	200	600
<b>Non-S&amp;E degree fields, total</b> ....	2,757,700	443,900	588,000	562,500	521,000	298,400	162,100	90,800	90,900
White .....	2,397,500	375,700	505,300	482,800	457,600	265,300	145,500	82,000	83,200
Black .....	145,900	26,500	32,200	30,600	28,500	15,800	6,000	2,200	4,200
Hispanic .....	78,300	16,600	20,700	18,800	13,300	4,500	2,000	1,300	1,200
Asian .....	127,400	23,700	27,500	28,300	20,200	12,200	8,500	5,000	2,200
Other .....	8,600	1,500	2,400	2,000	1,400	700	300	300	100
<b>Bachelor's</b>									
<b>All degree fields, total</b> .....	5,727,200	997,600	1,104,200	978,300	913,000	725,600	400,600	266,100	341,800
White .....	4,866,300	821,400	915,700	822,400	780,300	628,700	344,900	236,000	317,000
Black .....	320,100	65,800	69,500	62,100	55,200	34,400	15,900	8,700	8,400
Hispanic .....	191,500	45,300	46,600	39,500	27,500	15,000	8,000	4,200	5,400
Asian .....	330,900	61,800	69,000	50,100	46,600	45,500	31,100	16,800	10,000
Other .....	18,400	3,200	3,400	4,100	3,500	2,000	800	400	1,000
<b>S&amp;E degree fields, total</b> .....	5,172,600	948,500	968,600	848,800	811,100	662,600	366,900	244,600	321,600
White .....	4,388,400	779,400	798,900	710,200	692,500	574,700	316,800	217,000	298,800
Black .....	290,700	62,700	61,800	55,000	50,200	31,100	14,300	8,100	7,300
Hispanic .....	177,300	44,000	42,700	35,900	24,300	14,100	7,200	3,900	5,200
Asian .....	300,800	59,400	62,700	44,600	40,800	40,900	27,900	15,200	9,300
Other .....	15,600	3,000	2,400	3,200	3,300	1,800	700	300	900
<b>Sciences, total</b> .....	3,814,400	748,600	695,000	610,300	652,700	507,000	263,000	146,900	190,800
White .....	3,228,300	619,100	572,300	509,500	555,900	439,900	228,400	128,800	174,500
Black .....	255,200	53,900	52,600	46,300	46,500	28,800	13,100	7,100	6,900
Hispanic .....	128,400	33,600	28,900	25,000	20,100	10,200	4,700	2,700	3,300
Asian .....	189,700	39,400	39,000	27,100	27,500	26,600	16,300	8,200	5,800
Other .....	12,700	2,700	2,200	2,400	2,700	1,600	600	200	400
<b>Computer/math sciences, total</b> .....	663,800	138,600	196,800	103,900	72,700	72,500	44,300	19,800	15,400
White .....	546,100	105,300	157,900	85,500	62,400	62,900	39,800	18,500	13,800
Black .....	45,500	13,600	13,100	7,400	3,900	3,600	2,200	800	900
Hispanic .....	20,600	5,900	7,200	3,000	2,300	1,100	500	300	200
Asian .....	49,600	13,300	17,800	7,700	4,000	4,600	1,600	100	500
Other .....	2,100	500	700	300	200	200	200	S	S
<b>Life/related sciences, total</b> ...	773,600	120,800	118,800	145,600	161,600	95,600	55,700	29,900	45,700
White .....	667,400	100,800	99,700	125,000	144,900	84,400	47,100	25,900	39,500
Black .....	38,500	6,100	7,300	8,100	5,000	4,600	2,800	1,800	2,700
Hispanic .....	26,000	5,400	5,200	6,100	4,400	1,900	1,200	400	1,500
Asian .....	39,100	7,800	6,300	6,000	6,600	4,500	4,500	1,700	1,800
Other .....	2,600	700	300	400	700	200	100	100	100

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

**Table C-11. Employed U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and years since degree: 1993**

Level and field of highest degree, and race/ethnicity	Employed S&Es, total	Years since degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
<b>Bachelor's — continued</b>									
<b>Physical/related sciences, total</b>	372,500	54,600	57,100	62,300	52,500	48,100	32,500	29,600	35,700
White	318,700	46,100	48,100	53,500	44,500	41,000	27,400	25,200	32,900
Black	16,000	2,600	3,200	2,800	2,400	1,400	1,600	1,000	1,000
Hispanic	10,200	2,000	2,300	1,800	1,000	1,300	400	700	700
Asian	26,100	3,800	3,300	3,900	4,300	4,000	3,100	2,800	800
Other	1,600	300	200	200	300	400	100	S	200
<b>Social/related sciences, total</b>	2,004,400	434,700	322,300	298,500	365,800	290,800	130,500	67,700	94,100
White	1,696,100	366,900	266,700	245,500	304,100	251,500	114,100	59,100	88,300
Black	155,300	31,600	29,000	28,000	35,200	19,100	6,500	3,600	2,300
Hispanic	71,700	20,400	14,200	14,000	12,400	5,900	2,600	1,300	800
Asian	75,000	14,500	11,600	9,500	12,700	13,500	7,100	3,600	2,600
Other	6,300	1,200	900	1,500	1,500	800	300	100	100
<b>Engineering, total</b>	1,358,300	199,900	273,600	238,500	158,500	155,500	103,900	97,600	130,800
White	1,160,100	160,300	226,600	200,800	136,700	134,800	88,300	88,200	124,300
Black	35,500	8,800	9,200	8,700	3,700	2,400	1,200	1,000	400
Hispanic	48,800	10,400	13,700	10,900	4,200	3,800	2,600	1,200	2,000
Asian	111,100	20,000	23,800	17,500	13,200	14,400	11,700	7,000	3,500
Other	2,900	400	300	700	600	200	200	100	500
<b>Non-S&amp;E degree fields, total</b>	554,500	49,100	135,600	129,500	101,900	63,000	33,700	21,500	20,200
White	477,900	42,000	116,800	112,200	87,700	54,000	28,100	18,900	18,200
Black	29,400	3,100	7,700	7,200	5,000	3,300	1,600	600	1,000
Hispanic	14,300	1,300	4,000	3,700	3,200	900	800	300	200
Asian	30,100	2,400	6,200	5,600	5,800	4,600	3,200	1,600	700
Other	2,800	200	1,000	900	200	300	100	100	100
<b>Master's</b>									
<b>All degree fields, total</b>	2,575,600	514,800	528,000	473,200	450,100	321,600	169,400	64,400	54,000
White	2,155,400	411,100	434,700	393,400	379,500	279,100	151,600	56,700	49,200
Black	129,400	26,300	24,000	25,700	29,200	16,000	5,000	1,200	2,000
Hispanic	73,100	18,100	17,900	15,800	11,800	5,400	2,300	1,500	300
Asian	210,700	57,900	49,600	37,100	28,300	20,500	10,200	4,700	2,400
Other	7,000	1,500	1,800	1,200	1,200	700	200	300	100
<b>S&amp;E degree fields, total</b>	1,328,400	254,400	268,500	232,300	218,100	182,800	99,800	38,700	33,900
White	1,078,900	189,500	210,200	191,200	178,300	157,200	87,700	33,900	31,000
Black	54,900	10,300	10,400	10,700	13,100	6,800	2,400	600	500
Hispanic	37,000	8,700	9,200	6,800	6,400	2,900	1,800	1,000	200
Asian	154,000	45,200	37,800	22,900	19,600	15,500	7,800	3,000	2,100
Other	3,600	600	900	700	600	500	100	200	100
<b>Sciences, total</b>	937,700	168,400	192,100	171,700	164,500	132,500	65,600	22,700	20,200
White	778,600	130,100	154,900	144,700	136,300	116,000	58,000	20,200	18,300
Black	49,000	8,500	9,000	9,600	12,200	6,600	2,300	400	400
Hispanic	24,900	5,700	5,900	4,900	4,900	1,800	900	700	100
Asian	82,500	23,700	21,800	12,000	10,500	7,600	4,300	1,300	1,300
Other	2,700	500	400	600	600	400	100	100	S

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

**Table C-11. Employed U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and years since degree: 1993**

Level and field of highest degree, and race/ethnicity	Employed S&Es, total	Years since degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
<b>Master's — continued</b>									
<b>Computer/math sciences, total</b> .....	221,400	53,400	50,800	36,300	30,500	31,500	13,200	3,300	2,500
White .....	172,600	37,400	36,400	27,600	25,500	28,600	11,600	3,200	2,300
Black .....	8,300	2,200	1,900	1,300	1,500	700	600	100	100
Hispanic .....	3,500	800	900	400	800	300	200	S	S
Asian .....	36,400	12,800	11,400	6,800	2,800	1,800	800	100	100
Other .....	600	100	200	200	S	100	100	S	S
<b>Life/related sciences, total</b> ...	151,000	25,900	27,400	26,100	28,700	21,500	14,700	4,100	2,600
White .....	125,600	20,800	21,800	22,400	24,200	17,500	13,200	3,300	2,400
Black .....	6,800	1,100	1,400	1,100	1,200	1,400	300	300	S
Hispanic .....	3,700	700	800	1,200	400	100	400	100	S
Asian .....	14,400	3,300	3,300	1,400	2,700	2,400	700	400	100
Other .....	600	100	100	S	200	100	100	S	S
<b>Physical/related sciences, total</b> .....	111,300	22,100	19,400	13,900	15,900	17,100	12,400	5,000	5,500
White .....	92,800	16,800	15,400	11,700	12,700	15,600	10,700	4,800	5,100
Black .....	3,200	600	300	400	800	400	500	S	100
Hispanic .....	2,900	1,100	700	500	400	100	S	S	100
Asian .....	12,200	3,500	2,900	1,200	1,900	900	1,300	200	300
Other .....	300	100	100	100	100	100	S	S	S
<b>Social/related sciences, total</b> .....	453,900	67,100	94,600	95,500	89,300	62,400	25,300	10,200	9,600
White .....	387,700	55,200	81,300	83,100	73,900	54,300	22,500	8,900	8,500
Black .....	30,700	4,500	5,400	6,700	8,700	4,100	900	100	300
Hispanic .....	14,800	3,100	3,400	2,800	3,200	1,400	300	600	100
Asian .....	19,500	4,100	4,300	2,600	3,100	2,500	1,500	600	800
Other .....	1,300	100	100	300	400	200	S	100	S
<b>Engineering, total</b> .....	390,700	85,900	76,300	60,500	53,700	50,300	34,300	16,000	13,600
White .....	300,300	59,400	55,200	46,400	42,000	41,200	29,800	13,700	12,600
Black .....	5,900	1,900	1,400	1,200	900	200	100	200	100
Hispanic .....	12,100	3,000	3,300	1,900	1,600	1,000	900	400	100
Asian .....	71,600	21,500	16,000	10,900	9,100	7,900	3,500	1,700	800
Other .....	900	200	400	100	S	100	S	100	100
<b>Non-S&amp;E degree fields, total</b> ....	1,247,100	260,500	259,500	240,900	231,900	138,800	69,500	25,700	20,200
White .....	1,076,600	221,500	224,600	202,300	201,200	121,900	63,900	22,900	18,300
Black .....	74,500	15,900	13,600	14,900	16,100	9,200	2,600	600	1,500
Hispanic .....	36,000	9,300	8,700	9,000	5,400	2,500	500	500	100
Asian .....	56,700	12,800	11,700	14,200	8,700	5,000	2,400	1,700	300
Other .....	3,400	900	900	600	600	200	100	S	S
<b>Doctorate</b>									
<b>All degree fields, total</b> .....	634,800	117,900	110,000	105,500	103,100	94,800	54,800	26,800	21,900
White .....	520,800	86,000	85,600	86,400	87,100	82,900	48,700	23,700	20,200
Black .....	20,500	5,000	5,800	4,300	3,100	1,600	400	200	100
Hispanic .....	16,800	4,400	3,400	2,900	2,300	1,700	1,100	800	300
Asian .....	74,300	22,100	15,000	11,300	10,000	8,300	4,400	2,100	1,100
Other .....	2,400	400	200	600	600	300	200	S	100

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

**Table C-11. Employed U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and years since degree: 1993**

Level and field of highest degree, and race/ethnicity	Employed S&Es, total	Years since degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
<b>Doctorate — continued</b>									
<b>S&amp;E degree fields, total</b> .....	529,200	95,000	91,400	86,500	82,400	82,300	48,800	23,500	19,400
White .....	433,700	67,800	72,400	71,600	69,200	71,200	42,900	20,700	18,000
Black .....	11,300	3,400	2,600	1,800	1,900	1,000	400	100	100
Hispanic .....	13,900	3,200	2,900	2,500	1,500	1,700	900	800	300
Asian .....	68,500	20,300	13,300	10,300	9,300	8,100	4,400	1,900	900
Other .....	1,800	300	200	300	400	300	200	S	100
<b>Sciences, total</b> .....	444,500	76,800	78,200	75,600	70,300	67,100	39,100	20,500	17,000
White .....	373,600	57,100	63,800	64,300	60,700	59,300	34,600	17,900	15,900
Black .....	10,200	2,900	2,400	1,500	1,800	900	400	100	100
Hispanic .....	12,000	2,700	2,500	2,400	1,200	1,300	800	800	300
Asian .....	47,200	13,800	9,200	7,100	6,300	5,300	3,100	1,700	600
Other .....	1,600	200	200	300	300	200	200	S	100
<b>Computer/math sciences, total</b> .....	32,800	6,800	5,300	4,900	4,600	5,900	3,200	1,400	700
White .....	26,000	4,000	4,000	4,100	3,800	5,200	2,900	1,200	700
Black .....	400	100	100	S	100	100	S	S	S
Hispanic .....	800	200	200	200	100	100	100	S	S
Asian .....	5,600	2,600	1,000	600	500	500	200	200	S
Other .....	100	S	S	S	S	S	S	S	S
<b>Life/related sciences, total</b> .....	148,500	26,900	28,400	26,500	22,800	21,100	11,700	6,100	5,100
White .....	121,100	20,200	22,700	21,800	19,200	18,100	9,700	4,900	4,500
Black .....	3,100	800	900	300	500	400	100	S	S
Hispanic .....	5,400	1,000	1,100	1,300	400	600	400	500	200
Asian .....	18,400	4,800	3,700	2,900	2,600	2,000	1,500	600	300
Other .....	400	100	100	100	100	S	S	S	S
<b>Physical/related sciences, total</b> .....	115,900	16,700	18,200	16,900	16,600	18,600	14,400	7,600	6,800
White .....	94,900	11,000	14,200	13,700	13,700	16,100	12,900	7,000	6,400
Black .....	1,500	500	400	200	200	100	100	S	S
Hispanic .....	2,100	500	400	300	200	300	200	S	100
Asian .....	17,100	4,600	3,200	2,700	2,500	2,000	1,200	600	200
Other .....	300	S	S	S	S	100	S	S	S
<b>Social/related sciences, total</b> .....	147,300	26,400	26,300	27,400	26,300	21,500	9,800	5,300	4,300
White .....	131,600	21,900	23,000	24,600	24,000	20,000	9,100	4,700	4,200
Black .....	5,200	1,500	1,100	1,000	1,000	300	200	100	100
Hispanic .....	3,700	1,000	900	700	500	300	200	200	S
Asian .....	6,100	1,800	1,300	900	700	700	300	300	100
Other .....	800	100	100	200	200	100	100	S	S
<b>Engineering, total</b> .....	84,700	18,200	13,200	10,900	12,000	15,200	9,700	3,000	2,500
White .....	60,200	10,700	8,600	7,300	8,500	11,900	8,400	2,800	2,100
Black .....	1,100	400	200	200	200	100	S	S	S
Hispanic .....	1,900	500	400	100	300	400	100	S	100
Asian .....	21,300	6,500	4,100	3,200	3,000	2,800	1,200	200	300
Other .....	200	100	S	S	100	S	S	S	S

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

**Table C-11. Employed U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and years since degree: 1993**

Level and field of highest degree, and race/ethnicity	Employed S&Es, total	Years since degree							
		<5 years	5-9 years	10-14 years	15-19 years	20-24 years	25-29 years	30-34 years	35+ years
<b>Doctorate — continued</b>									
<b>Non-S&amp;E degree fields, total</b> ....	105,600	22,900	18,600	19,000	20,700	12,600	6,000	3,300	2,400
White .....	87,000	18,200	13,300	14,800	17,900	11,700	5,800	3,000	2,300
Black .....	9,200	1,600	3,200	2,500	1,100	600	S	100	S
Hispanic .....	3,000	1,100	500	400	700	100	200	S	S
Asian .....	5,800	1,800	1,700	1,000	700	200	S	200	200
Other .....	600	100	S	200	300	S	S	S	S

<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)