

**Table B-3. U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 1993**

Level and field of highest degree, and race/ethnicity	S&Es, total	Employed			Unemploy- ed/seeking job	Not in labor force		
		Total	Full-time	Part-time		Total	Retired	Not seeking job
<b>All degree levels<sup>1</sup></b>								
<b>All degree fields, total</b> .....	11,615,200	9,793,500	8,793,000	1,000,500	322,200	1,499,500	830,800	668,700
White .....	9,896,200	8,303,300	7,437,100	866,100	253,500	1,339,500	773,300	566,200
Black .....	573,800	503,100	464,200	38,900	20,200	50,500	28,500	22,000
Hispanic .....	352,000	306,800	280,300	26,500	12,200	33,100	9,900	23,200
Asian .....	757,900	650,800	584,800	65,900	34,500	72,600	17,400	55,300
Other .....	35,200	29,600	26,500	3,100	1,800	3,800	1,800	2,100
<b>S&amp;E degree fields, total</b> .....	8,571,000	7,035,800	6,276,800	759,000	272,500	1,262,600	681,500	581,100
White .....	7,244,200	5,905,800	5,257,000	648,800	213,000	1,125,400	635,600	489,800
Black .....	413,400	357,200	326,000	31,200	17,300	38,900	20,400	18,500
Hispanic .....	268,200	228,400	208,000	20,400	10,400	29,400	8,200	21,200
Asian .....	619,200	523,400	467,100	56,300	30,500	65,300	15,800	49,500
Other .....	25,900	21,000	18,700	2,200	1,300	3,600	1,600	2,000
<b>Sciences, total</b> .....	6,354,300	5,202,100	4,558,700	643,300	201,200	951,100	427,900	523,100
White .....	5,381,700	4,385,200	3,831,600	553,600	158,600	837,800	392,700	445,100
Black .....	366,500	314,800	286,100	28,700	15,100	36,600	18,900	17,700
Hispanic .....	198,400	165,600	147,600	18,000	8,100	24,700	5,600	19,100
Asian .....	386,300	319,500	278,400	41,000	18,100	48,700	9,500	39,300
Other .....	21,400	17,000	14,900	2,100	1,200	3,300	1,300	1,900
<b>Computer/math sciences, total</b> .....	1,046,400	918,000	846,900	71,200	30,100	98,300	44,600	53,700
White .....	852,400	744,600	685,900	58,700	21,900	85,900	40,700	45,200
Black .....	59,800	54,200	50,300	3,900	2,500	3,100	2,100	1,100
Hispanic .....	28,500	24,900	22,700	2,200	1,100	2,500	900	1,600
Asian .....	102,400	91,600	85,500	6,100	4,300	6,500	900	5,600
Other .....	3,300	2,800	2,500	300	200	300	100	200
<b>Life/related sciences, total</b> ...	1,322,600	1,073,100	932,200	141,000	30,200	219,200	91,700	127,600
White .....	1,124,200	914,100	794,400	119,700	22,600	187,500	82,800	104,700
Black .....	59,900	48,500	43,500	4,900	1,500	10,000	4,500	5,400
Hispanic .....	42,100	35,100	30,500	4,600	1,700	5,300	1,200	4,200
Asian .....	92,100	71,900	60,500	11,400	4,400	15,800	2,900	12,900
Other .....	4,300	3,600	3,200	400	100	600	300	400
<b>Physical/related sciences, total</b> .....	760,700	599,800	535,400	64,400	23,300	137,600	92,200	45,400
White .....	652,600	506,300	453,100	53,200	18,600	127,600	89,100	38,500
Black .....	24,400	20,700	19,200	1,500	800	2,900	1,800	1,200
Hispanic .....	17,900	15,200	13,100	2,100	800	1,800	400	1,400
Asian .....	63,300	55,300	48,400	6,900	2,900	5,100	800	4,200
Other .....	2,600	2,200	1,600	600	200	200	100	100
<b>Social/related sciences, total</b> .....	3,224,500	2,611,200	2,244,300	366,900	117,500	495,900	199,500	296,400
White .....	2,752,500	2,220,200	1,898,200	322,000	95,500	436,800	180,100	256,700
Black .....	222,400	191,500	173,100	18,400	10,400	20,500	10,500	10,000
Hispanic .....	110,000	90,400	81,300	9,100	4,500	15,100	3,100	12,000
Asian .....	128,500	100,700	84,100	16,600	6,400	21,400	4,800	16,600
Other .....	11,200	8,400	7,600	800	700	2,100	900	1,200
<b>Engineering, total</b> .....	2,216,700	1,833,700	1,718,100	115,600	71,400	311,600	253,600	58,000
White .....	1,862,600	1,520,600	1,425,400	95,200	54,400	287,600	242,900	44,700
Black .....	46,900	42,400	39,800	2,600	2,200	2,300	1,500	900
Hispanic .....	69,800	62,800	60,400	2,400	2,300	4,700	2,600	2,000
Asian .....	232,900	203,900	188,700	15,300	12,400	16,600	6,300	10,300
Other .....	4,500	4,000	3,800	200	100	400	300	100

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

**Table B-3. U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 1993**

Level and field of highest degree, and race/ethnicity	S&Es, total	Employed			Unemploy- ed/seeking job	Not in labor force		
		Total	Full-time	Part-time		Total	Retired	Not seeking job
<b>All degree levels<sup>1</sup> — continued</b>								
<b>Non-S&amp;E degree fields, total</b> ....	3,044,200	2,757,700	2,516,100	241,600	49,600	236,900	149,200	87,600
White .....	2,652,000	2,397,500	2,180,100	217,300	40,400	214,100	137,700	76,400
Black .....	160,400	145,900	138,200	7,700	2,900	11,600	8,100	3,500
Hispanic .....	83,800	78,300	72,300	6,100	1,800	3,700	1,700	2,000
Asian .....	138,700	127,400	117,700	9,700	4,000	7,300	1,600	5,700
Other .....	9,300	8,600	7,800	800	500	200	200	100
<b>Bachelor's</b>								
<b>All degree fields, total</b> .....	6,975,000	5,727,200	5,110,700	616,500	225,600	1,022,200	525,800	496,400
White .....	5,961,800	4,866,300	4,330,800	535,500	178,400	917,100	493,200	423,900
Black .....	367,300	320,100	292,800	27,300	15,100	32,100	14,500	17,500
Hispanic .....	223,800	191,500	174,100	17,500	8,800	23,500	5,500	18,000
Asian .....	399,500	330,900	296,700	34,200	21,900	46,800	11,400	35,400
Other .....	22,500	18,400	16,300	2,000	1,400	2,700	1,200	1,500
<b>S&amp;E degree fields, total</b> .....	6,402,200	5,172,600	4,607,000	565,600	222,000	1,007,500	518,500	488,900
White .....	5,468,900	4,388,400	3,899,300	489,100	176,500	904,100	486,300	417,800
Black .....	336,900	290,700	264,600	26,100	14,800	31,500	14,500	16,900
Hispanic .....	209,200	177,300	160,900	16,300	8,600	23,300	5,300	18,000
Asian .....	367,600	300,800	268,400	32,400	20,900	45,900	11,200	34,700
Other .....	19,600	15,600	13,800	1,700	1,200	2,700	1,200	1,500
<b>Sciences, total</b> .....	4,726,000	3,814,400	3,334,000	480,400	165,200	746,500	303,700	442,800
White .....	4,020,300	3,228,300	2,812,600	415,700	131,500	660,500	279,600	380,900
Black .....	297,400	255,200	231,100	24,100	13,000	29,300	13,100	16,200
Hispanic .....	155,100	128,400	114,000	14,500	6,700	20,000	3,400	16,600
Asian .....	236,900	189,700	165,300	24,500	12,900	34,200	6,500	27,800
Other .....	16,200	12,700	11,000	1,600	1,100	2,400	1,000	1,500
<b>Computer/math sciences, total</b> .....	761,100	663,800	614,600	49,200	23,700	73,600	31,500	42,100
White .....	628,200	546,100	505,100	40,900	17,100	64,900	28,600	36,300
Black .....	50,400	45,500	42,100	3,400	2,100	2,800	1,800	1,000
Hispanic .....	23,600	20,600	18,600	2,000	1,000	2,000	600	1,400
Asian .....	56,400	49,600	46,800	2,800	3,200	3,600	400	3,200
Other .....	2,600	2,100	2,000	100	200	200	100	200
<b>Life/related sciences, total</b> ...	966,400	773,600	660,200	113,400	23,600	169,200	62,700	106,500
White .....	830,600	667,400	569,600	97,800	18,300	144,900	57,200	87,700
Black .....	48,000	38,500	34,200	4,300	1,300	8,200	3,100	5,100
Hispanic .....	31,400	26,000	22,100	3,900	1,200	4,200	600	3,600
Asian .....	53,300	39,100	31,900	7,100	2,800	11,500	1,600	9,900
Other .....	3,100	2,600	2,400	300	100	400	100	200
<b>Physical/related sciences, total</b> .....	489,700	372,500	329,700	42,900	15,800	101,400	67,200	34,200
White .....	425,800	318,700	282,000	36,700	12,500	94,700	65,300	29,400
Black .....	18,700	16,000	14,600	1,400	600	2,000	1,200	800
Hispanic .....	12,000	10,200	8,700	1,500	600	1,300	200	1,100
Asian .....	31,200	26,100	23,300	2,800	2,000	3,200	500	2,700
Other .....	2,000	1,600	1,100	600	200	200	100	100

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

**Table B-3. U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 1993**

Level and field of highest degree, and race/ethnicity	S&Es, total	Employed			Unemploy- ed/seeking job	Not in labor force		
		Total	Full-time	Part-time		Total	Retired	Not seeking job
<b>Bachelor's — continued</b>								
<b>Social/related sciences, total</b>	2,508,800	2,004,400	1,729,500	274,900	102,100	402,300	142,200	260,100
White .....	2,135,800	1,696,100	1,455,900	240,300	83,700	356,000	128,500	227,400
Black .....	180,400	155,300	140,200	15,000	9,000	16,200	7,000	9,200
Hispanic .....	88,100	71,700	64,600	7,100	3,900	12,500	2,100	10,500
Asian .....	95,900	75,000	63,200	11,800	5,000	15,900	4,000	11,900
Other .....	8,600	6,300	5,600	700	700	1,700	700	1,000
<b>Engineering, total</b> .....	1,676,100	1,358,300	1,273,100	85,200	56,900	261,000	214,900	46,100
White .....	1,448,600	1,160,100	1,086,700	73,400	45,000	243,600	206,600	36,900
Black .....	39,500	35,500	33,500	2,000	1,900	2,200	1,400	800
Hispanic .....	54,000	48,800	46,900	1,900	1,900	3,300	1,800	1,500
Asian .....	130,700	111,100	103,200	7,900	8,000	11,700	4,700	6,900
Other .....	3,300	2,900	2,800	100	100	300	300	100
<b>Non-S&amp;E degree fields, total</b> ....	572,800	554,500	503,700	50,900	3,600	14,700	7,300	7,400
White .....	492,900	477,900	431,600	46,400	1,900	13,100	6,900	6,100
Black .....	30,400	29,400	28,200	1,300	300	600	S	600
Hispanic .....	14,600	14,300	13,200	1,100	200	200	200	S
Asian .....	32,000	30,100	28,300	1,800	1,000	900	200	700
Other .....	2,900	2,800	2,500	300	200	S	S	S
<b>Master's</b>								
<b>All degree fields, total</b> .....	3,011,700	2,575,600	2,288,400	287,200	74,600	361,600	223,500	138,000
White .....	2,532,000	2,155,400	1,910,300	245,100	58,300	318,200	204,900	113,300
Black .....	148,200	129,400	119,700	9,600	3,700	15,200	11,700	3,500
Hispanic .....	82,500	73,100	67,300	5,800	2,500	7,000	2,900	4,100
Asian .....	240,900	210,700	184,600	26,100	9,900	20,300	3,600	16,700
Other .....	8,100	7,000	6,400	600	100	1,000	500	500
<b>S&amp;E degree fields, total</b> .....	1,571,900	1,328,400	1,169,500	158,900	40,500	203,000	122,600	80,400
White .....	1,282,500	1,078,900	948,900	130,000	28,800	174,800	112,100	62,700
Black .....	64,200	54,900	50,300	4,500	2,400	6,900	5,600	1,300
Hispanic .....	43,100	37,000	34,000	3,100	1,300	4,800	1,900	2,800
Asian .....	177,800	154,000	133,100	21,000	8,100	15,700	2,700	13,000
Other .....	4,400	3,600	3,200	400	S	800	300	500
<b>Sciences, total</b> .....	1,123,600	937,700	805,400	132,300	27,400	158,600	89,000	69,600
White .....	934,900	778,600	667,200	111,300	20,300	136,000	80,300	55,800
Black .....	57,900	49,000	45,000	4,000	2,100	6,800	5,500	1,200
Hispanic .....	29,400	24,900	22,300	2,600	1,000	3,600	1,300	2,300
Asian .....	97,900	82,500	68,600	13,900	4,000	11,400	1,500	9,900
Other .....	3,500	2,700	2,400	400	S	800	300	400
<b>Computer/math sciences, total</b> .....	250,600	221,400	200,700	20,700	6,100	23,100	11,800	11,300
White .....	196,700	172,600	155,800	16,700	4,600	19,600	10,900	8,600
Black .....	9,100	8,300	7,800	500	400	300	300	S
Hispanic .....	4,000	3,500	3,300	100	100	400	200	200
Asian .....	40,200	36,400	33,300	3,100	1,000	2,700	400	2,300
Other .....	700	600	400	200	S	S	S	S
<b>Life/related sciences, total</b> ...	187,500	151,000	131,500	19,500	3,900	32,600	16,200	16,300
White .....	155,900	125,600	110,500	15,100	2,600	27,800	14,300	13,400
Black .....	8,500	6,800	6,300	600	200	1,500	1,300	200
Hispanic .....	4,300	3,700	3,300	400	200	500	100	300
Asian .....	18,000	14,400	10,900	3,400	1,000	2,600	300	2,300
Other .....	800	600	500	100	S	200	100	100

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

**Table B-3. U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 1993**

Level and field of highest degree, and race/ethnicity	S&Es, total	Employed			Unemploy- ed/seeking job	Not in labor force		
		Total	Full-time	Part-time		Total	Retired	Not seeking job
<b>Master's — continued</b>								
<b>Physical/related sciences, total</b> .....	139,200	111,300	96,000	15,400	4,500	23,400	14,100	9,300
White .....	117,000	92,800	81,100	11,600	3,600	20,600	13,300	7,400
Black .....	4,200	3,200	3,100	100	100	900	600	300
Hispanic .....	3,400	2,900	2,400	500	100	400	100	200
Asian .....	14,300	12,200	9,000	3,100	700	1,400	200	1,300
Other .....	300	300	300	S	S	S	S	S
<b>Social/related sciences, total</b> .....	546,300	453,900	377,300	76,700	12,900	79,500	46,800	32,700
White .....	465,300	387,700	319,800	67,900	9,600	68,100	41,800	26,300
Black .....	36,100	30,700	27,800	2,900	1,400	4,100	3,400	600
Hispanic .....	17,700	14,800	13,300	1,500	600	2,300	800	1,500
Asian .....	25,500	19,500	15,300	4,300	1,300	4,600	600	4,100
Other .....	1,700	1,300	1,200	100	S	500	200	200
<b>Engineering, total</b> .....	448,300	390,700	364,100	26,700	13,100	44,500	33,700	10,800
White .....	347,600	300,300	281,700	18,600	8,500	38,800	31,800	7,000
Black .....	6,300	5,900	5,400	500	300	100	100	100
Hispanic .....	13,600	12,100	11,700	400	300	1,200	600	600
Asian .....	80,000	71,600	64,500	7,100	4,100	4,300	1,200	3,100
Other .....	900	900	800	100	S	S	S	S
<b>Non-S&amp;E degree fields, total</b> .....	1,439,800	1,247,100	1,118,900	128,300	34,100	158,500	100,900	57,700
White .....	1,249,500	1,076,600	961,400	115,100	29,600	143,400	92,800	50,600
Black .....	84,000	74,500	69,400	5,100	1,300	8,300	6,100	2,100
Hispanic .....	39,500	36,000	33,300	2,700	1,200	2,200	1,000	1,200
Asian .....	63,100	56,700	51,500	5,200	1,900	4,500	800	3,700
Other .....	3,700	3,400	3,200	200	100	200	200	S
<b>Doctorate</b>								
<b>All degree fields, total</b> .....	706,700	634,800	590,400	44,300	11,200	60,700	47,400	13,200
White .....	583,700	520,800	481,900	38,900	8,900	54,000	43,300	10,600
Black .....	22,200	20,500	19,900	600	200	1,600	1,000	600
Hispanic .....	18,800	16,800	15,400	1,400	500	1,500	1,200	300
Asian .....	79,400	74,300	71,100	3,200	1,600	3,500	1,800	1,700
Other .....	2,500	2,400	2,100	300	100	100	100	S
<b>S&amp;E degree fields, total</b> .....	589,600	529,200	495,100	34,200	9,600	50,800	39,600	11,300
White .....	486,700	433,700	404,300	29,500	7,300	45,600	36,400	9,200
Black .....	12,000	11,300	10,700	600	100	500	200	300
Hispanic .....	15,700	13,900	12,900	1,000	500	1,300	1,000	300
Asian .....	73,400	68,500	65,500	3,000	1,600	3,300	1,800	1,500
Other .....	1,900	1,800	1,700	100	100	100	100	S
<b>Sciences, total</b> .....	497,400	444,500	414,100	30,400	8,200	44,700	34,500	10,200
White .....	420,200	373,600	347,300	26,300	6,400	40,300	31,900	8,400
Black .....	10,800	10,200	9,700	500	100	500	200	300
Hispanic .....	13,600	12,000	11,100	900	400	1,100	800	300
Asian .....	51,100	47,200	44,500	2,600	1,300	2,700	1,500	1,200
Other .....	1,700	1,600	1,500	100	100	100	100	S

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

**Table B-3. U.S. scientists and engineers, by level and broad field of highest degree attained, race/ethnicity, and employment status: 1993**

Level and field of highest degree, and race/ethnicity	S&Es, total	Employed			Unemploy- ed/seeking job	Not in labor force		
		Total	Full-time	Part-time		Total	Retired	Not seeking job
<b>Doctorate — continued</b>								
<b>Computer/math sciences, total</b> .....	34,800	32,800	31,600	1,200	400	1,600	1,300	300
White .....	27,600	26,000	25,000	1,000	200	1,400	1,100	300
Black .....	400	400	400	S	S	S	S	S
Hispanic .....	900	800	800	S	S	100	100	S
Asian .....	5,800	5,600	5,400	200	100	100	100	S
Other .....	100	100	100	S	S	S	S	S
<b>Life/related sciences, total</b> ...	168,700	148,500	140,400	8,100	2,700	17,500	12,700	4,800
White .....	137,700	121,100	114,300	6,900	1,700	14,800	11,200	3,600
Black .....	3,400	3,100	3,100	100	S	200	100	100
Hispanic .....	6,300	5,400	5,100	300	300	600	400	200
Asian .....	20,800	18,400	17,600	800	700	1,700	900	800
Other .....	500	400	400	S	S	100	S	S
<b>Physical/related sciences, total</b> .....	131,800	115,900	109,800	6,100	3,000	12,900	10,900	2,000
White .....	109,800	94,900	90,000	4,900	2,600	12,200	10,500	1,700
Black .....	1,500	1,500	1,400	S	S	S	S	S
Hispanic .....	2,400	2,100	2,000	200	100	200	200	S
Asian .....	17,800	17,100	16,100	1,000	300	400	200	200
Other .....	300	300	300	S	S	S	S	S
<b>Social/related sciences, total</b> .....	162,200	147,300	132,300	15,000	2,100	12,800	9,600	3,200
White .....	145,200	131,600	118,000	13,500	1,800	11,800	9,000	2,800
Black .....	5,500	5,200	4,800	400	S	200	100	100
Hispanic .....	3,900	3,700	3,200	500	S	200	100	100
Asian .....	6,700	6,100	5,500	600	200	500	300	200
Other .....	900	800	800	S	S	S	S	S
<b>Engineering, total</b> .....	92,200	84,700	81,000	3,700	1,400	6,100	5,100	1,100
White .....	66,400	60,200	57,000	3,200	1,000	5,300	4,500	800
Black .....	1,200	1,100	1,000	100	S	S	S	S
Hispanic .....	2,100	1,900	1,800	100	S	200	200	S
Asian .....	22,200	21,300	21,000	300	300	600	300	300
Other .....	200	200	200	S	S	S	S	S
<b>Non-S&amp;E degree fields, total</b> ....	117,100	105,600	95,400	10,200	1,700	9,800	7,900	2,000
White .....	97,000	87,000	77,700	9,400	1,600	8,400	6,900	1,500
Black .....	10,300	9,200	9,200	S	S	1,100	800	300
Hispanic .....	3,100	3,000	2,600	400	S	200	200	S
Asian .....	6,100	5,800	5,600	200	100	200	S	200
Other .....	600	600	400	200	S	S	S	S

1 Includes professional degrees

**NOTES:** The term "Scientists and Engineers" (S&Es) includes all persons who have ever received a bachelor's degree or higher in a science or engineering (S&E) field, plus persons holding a non-S&E bachelor's or higher degree who are employed in an S&E occupation. Figures are rounded to nearest hundred. Details may not add to total because of rounding.

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

**SOURCE:** National Science Foundation/Science Resources Studies Division, 1993 SESTAT (Scientists and Engineers Statistical Data System)