

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
All degree levels and fields ^b	21,647,000	18,021,000	15,978,000	2,043,000	595,000	3,031,000	1,613,000	1,419,000
American Indian/Alaska Native	91,000	73,000	66,000	7,000	4,000	14,000	5,000	9,000
Asian	2,046,000	1,719,000	1,563,000	156,000	94,000	233,000	59,000	174,000
Black	1,198,000	1,035,000	974,000	61,000	46,000	117,000	67,000	50,000
Hispanic	1,094,000	937,000	867,000	70,000	34,000	123,000	47,000	76,000
White	16,867,000	13,957,000	12,240,000	1,717,000	407,000	2,503,000	1,415,000	1,088,000
Other	351,000	300,000	269,000	32,000	11,000	40,000	19,000	21,000
S&E fields	11,880,000	9,579,000	8,610,000	969,000	414,000	1,886,000	973,000	913,000
American Indian/Alaska Native	49,000	36,000	33,000	3,000	4,000	9,000	3,000	5,000
Asian	1,301,000	1,072,000	983,000	89,000	69,000	160,000	35,000	126,000
Black	633,000	531,000	495,000	36,000	32,000	70,000	33,000	37,000
Hispanic	622,000	513,000	474,000	39,000	25,000	84,000	30,000	54,000
White	9,069,000	7,257,000	6,473,000	784,000	278,000	1,534,000	861,000	673,000
Other	207,000	170,000	153,000	17,000	7,000	29,000	12,000	18,000
Sciences	9,048,000	7,245,000	6,404,000	842,000	308,000	1,494,000	667,000	828,000
American Indian/Alaska Native	42,000	31,000	28,000	3,000	S	8,000	2,000	5,000
Asian	860,000	685,000	612,000	73,000	45,000	130,000	20,000	110,000
Black	550,000	456,000	423,000	33,000	28,000	66,000	31,000	35,000
Hispanic	471,000	382,000	347,000	35,000	21,000	68,000	21,000	47,000
White	6,962,000	5,561,000	4,880,000	682,000	205,000	1,196,000	582,000	614,000
Other	163,000	130,000	114,000	16,000	6,000	27,000	10,000	17,000
Biological/agricultural/environmental life sciences	1,851,000	1,481,000	1,331,000	150,000	50,000	320,000	132,000	188,000
American Indian/Alaska Native	8,000	7,000	6,000	1,000	S	1,000	S	1,000
Asian	190,000	144,000	129,000	15,000	7,000	38,000	5,000	33,000
Black	73,000	61,000	57,000	4,000	4,000	9,000	3,000	6,000
Hispanic	95,000	79,000	73,000	5,000	4,000	13,000	2,000	11,000
White	1,453,000	1,168,000	1,047,000	121,000	35,000	250,000	120,000	130,000
Other	32,000	23,000	20,000	4,000	S	8,000	2,000	6,000
Agricultural/food sciences	292,000	249,000	230,000	19,000	6,000	36,000	24,000	12,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S
Asian	18,000	15,000	14,000	1,000	S	3,000	1,000	2,000
Black	6,000	6,000	6,000	*	S	S	S	S
Hispanic	12,000	10,000	10,000	1,000	S	1,000	1,000	*
White	248,000	213,000	196,000	17,000	5,000	30,000	21,000	9,000
Other	6,000	5,000	5,000	S	S	S	S	S
Biological sciences	1,374,000	1,081,000	959,000	122,000	38,000	256,000	90,000	166,000
American Indian/Alaska Native	5,000	4,000	4,000	S	S	1,000	S	S
Asian	164,000	125,000	111,000	14,000	5,000	33,000	4,000	29,000
Black	65,000	53,000	49,000	4,000	3,000	9,000	3,000	6,000

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Hispanic	80,000	64,000	60,000	5,000	4,000	11,000	1,000	11,000
White	1,038,000	818,000	723,000	95,000	25,000	195,000	82,000	114,000
Other	22,000	16,000	13,000	3,000	S	6,000	S	5,000
Environmental life sciences	185,000	151,000	142,000	9,000	6,000	28,000	18,000	10,000
American Indian/Alaska Native	2,000	2,000	1,000	S	S	S	S	S
Asian	8,000	4,000	4,000	S	S	2,000	S	2,000
Black	2,000	2,000	2,000	S	S	S	S	S
Hispanic	4,000	4,000	4,000	S	S	S	S	S
White	166,000	137,000	128,000	9,000	5,000	25,000	17,000	7,000
Other	3,000	2,000	2,000	S	S	S	S	S
Computer/mathematical sciences	1,703,000	1,437,000	1,318,000	119,000	75,000	191,000	83,000	108,000
American Indian/Alaska Native	10,000	7,000	6,000	S	S	S	S	S
Asian	298,000	248,000	230,000	18,000	22,000	28,000	4,000	24,000
Black	105,000	94,000	88,000	5,000	5,000	7,000	3,000	4,000
Hispanic	74,000	63,000	60,000	3,000	4,000	7,000	3,000	4,000
White	1,188,000	1,002,000	911,000	91,000	41,000	145,000	72,000	74,000
Other	28,000	25,000	23,000	1,000	1,000	2,000	S	2,000
Computer/information sciences	1,087,000	961,000	899,000	62,000	53,000	73,000	14,000	59,000
American Indian/Alaska Native	9,000	6,000	6,000	S	S	S	S	S
Asian	232,000	199,000	187,000	12,000	18,000	16,000	1,000	14,000
Black	72,000	64,000	60,000	4,000	5,000	3,000	S	3,000
Hispanic	57,000	50,000	48,000	2,000	3,000	4,000	S	3,000
White	697,000	624,000	580,000	43,000	26,000	48,000	12,000	37,000
Other	20,000	18,000	17,000	S	S	1,000	S	S
Mathematical sciences	616,000	476,000	420,000	56,000	22,000	119,000	69,000	50,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S
Asian	66,000	49,000	44,000	6,000	4,000	12,000	3,000	10,000
Black	34,000	29,000	28,000	2,000	1,000	4,000	3,000	1,000
Hispanic	18,000	13,000	12,000	1,000	1,000	3,000	2,000	1,000
White	491,000	378,000	330,000	48,000	16,000	97,000	60,000	37,000
Other	8,000	6,000	6,000	S	S	2,000	S	S
Physical/related sciences	876,000	694,000	631,000	63,000	27,000	155,000	106,000	50,000
American Indian/Alaska Native	3,000	2,000	2,000	S	S	S	S	S
Asian	118,000	97,000	85,000	12,000	7,000	15,000	4,000	10,000
Black	25,000	21,000	20,000	1,000	*	4,000	3,000	1,000
Hispanic	34,000	32,000	31,000	1,000	*	2,000	1,000	1,000
White	682,000	535,000	488,000	47,000	19,000	129,000	95,000	33,000
Other	13,000	7,000	6,000	1,000	*	6,000	2,000	4,000
Chemistry, except biochemistry	421,000	326,000	295,000	31,000	11,000	83,000	50,000	34,000

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	73,000	61,000	53,000	7,000	3,000	9,000	2,000	7,000
Black	16,000	13,000	12,000	1,000	*	2,000	2,000	1,000
Hispanic	18,000	17,000	17,000	*	*	2,000	1,000	1,000
White	305,000	231,000	209,000	22,000	7,000	67,000	45,000	22,000
Other	7,000	4,000	3,000	1,000	S	4,000	S	S
Earth/atmospheric/ocean sciences	211,000	170,000	154,000	16,000	6,000	35,000	26,000	9,000
American Indian/Alaska Native	*	*	*	S	S	S	S	S
Asian	8,000	7,000	6,000	1,000	*	1,000	S	*
Black	2,000	1,000	1,000	S	S	S	S	S
Hispanic	6,000	5,000	5,000	*	S	*	S	S
White	193,000	154,000	140,000	14,000	6,000	34,000	25,000	8,000
Other	2,000	2,000	1,000	S	S	S	S	S
Physics/astronomy	187,000	152,000	137,000	15,000	7,000	28,000	22,000	5,000
American Indian/Alaska Native	1,000	*	*	S	S	S	S	S
Asian	34,000	27,000	23,000	4,000	3,000	5,000	2,000	3,000
Black	4,000	3,000	3,000	*	S	*	S	*
Hispanic	6,000	5,000	5,000	1,000	S	*	S	*
White	141,000	115,000	105,000	10,000	4,000	22,000	20,000	2,000
Other	2,000	1,000	1,000	S	S	S	S	S
Other physical sciences	57,000	45,000	44,000	2,000	2,000	9,000	8,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	3,000	2,000	2,000	S	S	S	S	S
Black	4,000	4,000	4,000	S	S	S	S	S
Hispanic	4,000	4,000	4,000	S	S	S	S	S
White	43,000	35,000	33,000	1,000	S	7,000	5,000	1,000
Other	S	S	S	S	S	S	S	S
Social/related sciences	4,618,000	3,633,000	3,124,000	510,000	157,000	828,000	346,000	482,000
American Indian/Alaska Native	22,000	16,000	14,000	2,000	S	5,000	S	3,000
Asian	254,000	196,000	168,000	28,000	9,000	49,000	7,000	42,000
Black	346,000	281,000	259,000	22,000	19,000	46,000	23,000	24,000
Hispanic	267,000	209,000	183,000	26,000	13,000	45,000	15,000	30,000
White	3,639,000	2,857,000	2,434,000	423,000	110,000	671,000	295,000	377,000
Other	90,000	75,000	66,000	9,000	4,000	11,000	5,000	5,000
Economics	680,000	551,000	498,000	53,000	25,000	104,000	58,000	46,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	92,000	72,000	64,000	7,000	3,000	17,000	1,000	15,000
Black	25,000	19,000	19,000	*	1,000	5,000	3,000	1,000
Hispanic	29,000	24,000	22,000	1,000	1,000	5,000	2,000	3,000

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Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
White	525,000	429,000	386,000	43,000	19,000	77,000	52,000	25,000
Other	8,000	7,000	7,000	S	S	1,000	S	S
Political/related sciences	830,000	666,000	598,000	67,000	34,000	130,000	59,000	71,000
American Indian/Alaska Native	5,000	5,000	4,000	S	S	S	S	S
Asian	42,000	30,000	25,000	5,000	3,000	9,000	2,000	7,000
Black	66,000	57,000	52,000	5,000	3,000	6,000	2,000	4,000
Hispanic	48,000	37,000	33,000	4,000	3,000	7,000	2,000	5,000
White	652,000	523,000	472,000	51,000	23,000	106,000	51,000	54,000
Other	17,000	14,000	13,000	1,000	S	2,000	S	S
Psychology	1,734,000	1,335,000	1,096,000	239,000	55,000	343,000	131,000	212,000
American Indian/Alaska Native	6,000	4,000	4,000	*	S	S	S	S
Asian	63,000	52,000	45,000	7,000	1,000	10,000	1,000	9,000
Black	129,000	103,000	94,000	9,000	9,000	17,000	7,000	10,000
Hispanic	108,000	83,000	69,000	14,000	4,000	20,000	6,000	14,000
White	1,391,000	1,063,000	858,000	205,000	40,000	289,000	113,000	176,000
Other	37,000	30,000	26,000	4,000	1,000	5,000	3,000	2,000
Sociology/anthropology	895,000	684,000	586,000	98,000	32,000	180,000	65,000	115,000
American Indian/Alaska Native	7,000	3,000	3,000	S	S	S	S	S
Asian	29,000	22,000	17,000	4,000	1,000	6,000	1,000	6,000
Black	88,000	67,000	64,000	3,000	6,000	15,000	8,000	7,000
Hispanic	44,000	35,000	32,000	3,000	3,000	6,000	3,000	4,000
White	708,000	541,000	456,000	85,000	19,000	148,000	52,000	96,000
Other	19,000	16,000	14,000	2,000	1,000	S	S	S
Other social sciences	479,000	398,000	346,000	52,000	11,000	70,000	33,000	37,000
American Indian/Alaska Native	4,000	3,000	3,000	S	S	S	S	S
Asian	28,000	21,000	17,000	4,000	S	7,000	1,000	6,000
Black	38,000	35,000	31,000	4,000	*	3,000	2,000	1,000
Hispanic	38,000	30,000	27,000	3,000	S	7,000	3,000	5,000
White	362,000	301,000	262,000	39,000	9,000	52,000	27,000	25,000
Other	9,000	8,000	6,000	2,000	S	1,000	S	1,000
Engineering	2,832,000	2,334,000	2,207,000	127,000	106,000	392,000	307,000	85,000
American Indian/Alaska Native	6,000	5,000	4,000	S	S	S	S	S
Asian	441,000	387,000	371,000	17,000	24,000	30,000	14,000	15,000
Black	83,000	75,000	72,000	3,000	4,000	4,000	2,000	2,000
Hispanic	151,000	131,000	127,000	4,000	4,000	16,000	8,000	7,000
White	2,107,000	1,696,000	1,594,000	102,000	73,000	339,000	279,000	59,000
Other	44,000	40,000	39,000	1,000	1,000	2,000	2,000	1,000
Aerospace/related engineering	100,000	85,000	81,000	4,000	2,000	13,000	12,000	1,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S

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Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Asian	8,000	7,000	7,000	*	S	*	S	S
Black	2,000	1,000	1,000	S	S	S	S	S
Hispanic	4,000	4,000	3,000	1,000	S	S	S	S
White	83,000	70,000	66,000	3,000	2,000	12,000	11,000	*
Other	3,000	3,000	3,000	S	S	S	S	S
Chemical engineering	197,000	159,000	151,000	9,000	5,000	32,000	24,000	9,000
American Indian/Alaska Native	2,000	1,000	1,000	S	S	S	S	S
Asian	35,000	31,000	29,000	1,000	1,000	3,000	2,000	1,000
Black	5,000	5,000	5,000	S	S	*	S	*
Hispanic	11,000	10,000	10,000	*	S	1,000	S	*
White	142,000	110,000	103,000	7,000	4,000	28,000	21,000	7,000
Other	3,000	2,000	2,000	S	S	S	S	S
Civil/architectural engineering	443,000	385,000	363,000	22,000	12,000	46,000	38,000	8,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	53,000	45,000	42,000	3,000	3,000	5,000	4,000	1,000
Black	13,000	12,000	11,000	*	S	S	S	S
Hispanic	33,000	31,000	31,000	1,000	S	2,000	2,000	1,000
White	332,000	286,000	268,000	18,000	8,000	38,000	32,000	6,000
Other	11,000	10,000	10,000	S	S	S	S	S
Electrical/computer engineering	905,000	748,000	711,000	37,000	42,000	114,000	86,000	28,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S
Asian	203,000	182,000	175,000	7,000	12,000	9,000	2,000	7,000
Black	38,000	34,000	33,000	2,000	2,000	2,000	2,000	*
Hispanic	43,000	36,000	36,000	*	3,000	3,000	1,000	2,000
White	605,000	482,000	453,000	28,000	26,000	98,000	79,000	18,000
Other	16,000	14,000	14,000	S	S	2,000	S	S
Industrial engineering	181,000	134,000	129,000	5,000	10,000	38,000	29,000	10,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	20,000	17,000	17,000	*	1,000	2,000	S	2,000
Black	6,000	5,000	5,000	S	S	S	S	S
Hispanic	16,000	12,000	12,000	*	S	3,000	S	1,000
White	138,000	98,000	94,000	4,000	8,000	32,000	26,000	6,000
Other	1,000	1,000	1,000	S	S	S	S	S
Mechanical engineering	597,000	492,000	464,000	28,000	21,000	84,000	73,000	11,000
American Indian/Alaska Native	2,000	1,000	1,000	S	S	S	S	S
Asian	70,000	61,000	59,000	3,000	5,000	4,000	3,000	1,000
Black	12,000	11,000	11,000	*	S	*	S	S
Hispanic	23,000	20,000	19,000	*	S	2,000	2,000	1,000
White	485,000	392,000	369,000	23,000	15,000	77,000	68,000	9,000

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Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Other	6,000	6,000	5,000	S	S	S	S	S
Other engineering	407,000	330,000	307,000	23,000	13,000	64,000	45,000	19,000
American Indian/Alaska Native	1,000	1,000	S	S	S	S	S	S
Asian	52,000	44,000	42,000	3,000	2,000	6,000	3,000	3,000
Black	7,000	7,000	6,000	S	*	S	S	S
Hispanic	21,000	18,000	16,000	2,000	S	3,000	S	3,000
White	322,000	258,000	239,000	18,000	11,000	54,000	41,000	13,000
Other	4,000	4,000	3,000	S	S	*	S	S
S&E-related fields	5,203,000	4,383,000	3,679,000	704,000	84,000	736,000	386,000	351,000
American Indian/Alaska Native	21,000	17,000	15,000	2,000	S	4,000	2,000	S
Asian	484,000	421,000	371,000	50,000	13,000	50,000	18,000	32,000
Black	270,000	238,000	225,000	13,000	6,000	26,000	16,000	10,000
Hispanic	278,000	249,000	228,000	21,000	5,000	24,000	11,000	14,000
White	4,071,000	3,387,000	2,777,000	610,000	59,000	625,000	335,000	291,000
Other	80,000	72,000	64,000	8,000	S	7,000	4,000	2,000
Health	3,998,000	3,373,000	2,771,000	602,000	53,000	572,000	270,000	302,000
American Indian/Alaska Native	17,000	14,000	12,000	2,000	S	2,000	S	S
Asian	392,000	343,000	303,000	40,000	7,000	42,000	15,000	27,000
Black	206,000	182,000	171,000	11,000	5,000	19,000	10,000	9,000
Hispanic	216,000	192,000	174,000	18,000	4,000	20,000	10,000	10,000
White	3,101,000	2,580,000	2,056,000	524,000	38,000	484,000	231,000	253,000
Other	67,000	62,000	55,000	7,000	S	4,000	2,000	2,000
Science/mathematics teacher education	439,000	340,000	288,000	52,000	9,000	90,000	72,000	19,000
American Indian/Alaska Native	2,000	S	S	S	S	S	S	S
Asian	13,000	11,000	10,000	1,000	S	S	S	S
Black	25,000	19,000	18,000	1,000	S	5,000	5,000	S
Hispanic	18,000	16,000	15,000	1,000	S	2,000	S	S
White	378,000	291,000	243,000	48,000	7,000	79,000	63,000	16,000
Other	3,000	2,000	1,000	S	S	S	S	S
Technology/technical fields	397,000	334,000	315,000	18,000	17,000	46,000	30,000	16,000
American Indian/Alaska Native	2,000	S	S	S	S	S	S	S
Asian	51,000	43,000	38,000	5,000	4,000	4,000	S	3,000
Black	23,000	21,000	21,000	S	S	S	S	S
Hispanic	21,000	20,000	19,000	S	S	S	S	S
White	294,000	244,000	232,000	12,000	10,000	40,000	29,000	11,000
Other	6,000	4,000	4,000	S	S	S	S	S
Other S&E-related fields	369,000	336,000	305,000	31,000	5,000	28,000	13,000	15,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	29,000	24,000	21,000	3,000	1,000	3,000	1,000	S

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Black	16,000	16,000	15,000	S	S	S	S	S
Hispanic	22,000	20,000	20,000	S	S	S	S	S
White	298,000	272,000	245,000	26,000	4,000	23,000	12,000	11,000
Other	3,000	3,000	3,000	S	S	S	S	S
Non-S&E fields	4,564,000	4,059,000	3,689,000	370,000	97,000	409,000	254,000	155,000
American Indian/Alaska Native	22,000	20,000	19,000	2,000	S	S	S	S
Asian	260,000	226,000	209,000	17,000	12,000	22,000	6,000	16,000
Black	295,000	265,000	253,000	12,000	8,000	21,000	19,000	3,000
Hispanic	195,000	176,000	166,000	10,000	4,000	15,000	7,000	8,000
White	3,727,000	3,313,000	2,990,000	323,000	70,000	344,000	220,000	124,000
Other	65,000	59,000	52,000	7,000	2,000	4,000	3,000	1,000
Arts/humanities	390,000	366,000	315,000	51,000	5,000	19,000	12,000	7,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	22,000	20,000	17,000	3,000	S	2,000	S	S
Black	10,000	9,000	8,000	S	S	S	S	S
Hispanic	14,000	13,000	12,000	S	S	S	S	S
White	339,000	320,000	273,000	46,000	4,000	16,000	10,000	5,000
Other	4,000	4,000	3,000	S	S	S	S	S
Education, except science/mathematics teacher education	1,044,000	890,000	812,000	78,000	12,000	142,000	102,000	40,000
American Indian/Alaska Native	6,000	6,000	5,000	S	S	S	S	S
Asian	24,000	21,000	18,000	3,000	2,000	2,000	S	S
Black	83,000	70,000	66,000	4,000	1,000	12,000	11,000	S
Hispanic	45,000	41,000	37,000	3,000	S	4,000	2,000	2,000
White	870,000	739,000	674,000	65,000	8,000	122,000	86,000	36,000
Other	15,000	13,000	12,000	2,000	S	2,000	S	S
Management/administration	1,522,000	1,367,000	1,281,000	86,000	42,000	114,000	68,000	46,000
American Indian/Alaska Native	9,000	9,000	9,000	S	S	S	S	S
Asian	142,000	122,000	115,000	7,000	8,000	11,000	2,000	9,000
Black	95,000	88,000	85,000	2,000	3,000	4,000	3,000	S
Hispanic	65,000	60,000	58,000	2,000	3,000	2,000	S	S
White	1,190,000	1,067,000	992,000	75,000	28,000	95,000	60,000	34,000
Other	23,000	21,000	21,000	S	S	2,000	1,000	S
Sales/marketing	160,000	144,000	131,000	14,000	6,000	10,000	4,000	6,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	12,000	10,000	10,000	S	S	S	S	S
Black	7,000	6,000	5,000	S	S	S	S	S
Hispanic	6,000	5,000	4,000	S	S	S	S	S
White	134,000	122,000	110,000	11,000	4,000	8,000	3,000	5,000
Other	1,000	1,000	1,000	S	S	S	S	S

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Social services/related	357,000	317,000	267,000	50,000	6,000	34,000	17,000	17,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	11,000	9,000	8,000	S	S	2,000	S	2,000
Black	36,000	34,000	33,000	S	S	2,000	S	S
Hispanic	15,000	13,000	13,000	S	S	2,000	S	S
White	289,000	256,000	209,000	47,000	6,000	27,000	14,000	14,000
Other	5,000	5,000	4,000	S	S	S	S	S
Other non-S&E fields	1,092,000	975,000	883,000	92,000	27,000	90,000	52,000	38,000
American Indian/Alaska Native	6,000	4,000	4,000	S	S	S	S	S
Asian	49,000	43,000	40,000	3,000	2,000	4,000	2,000	3,000
Black	65,000	60,000	56,000	4,000	2,000	3,000	3,000	S
Hispanic	49,000	44,000	41,000	3,000	S	5,000	2,000	3,000
White	906,000	810,000	731,000	79,000	20,000	76,000	45,000	31,000
Other	17,000	15,000	12,000	3,000	S	S	S	S
Bachelor's degrees	12,782,000	10,490,000	9,259,000	1,231,000	368,000	1,924,000	897,000	1,027,000
American Indian/Alaska Native	61,000	47,000	43,000	4,000	4,000	10,000	3,000	8,000
Asian	1,065,000	873,000	787,000	86,000	48,000	145,000	28,000	117,000
Black	747,000	648,000	611,000	38,000	31,000	68,000	32,000	36,000
Hispanic	699,000	588,000	545,000	43,000	26,000	85,000	29,000	55,000
White	9,977,000	8,135,000	7,096,000	1,039,000	253,000	1,588,000	794,000	794,000
Other	232,000	198,000	177,000	21,000	6,000	28,000	11,000	18,000
S&E fields	8,716,000	6,953,000	6,269,000	684,000	317,000	1,447,000	689,000	758,000
American Indian/Alaska Native	41,000	30,000	28,000	2,000	4,000	7,000	S	5,000
Asian	762,000	610,000	558,000	53,000	41,000	110,000	18,000	93,000
Black	507,000	426,000	399,000	28,000	27,000	54,000	23,000	31,000
Hispanic	497,000	405,000	375,000	30,000	23,000	70,000	24,000	46,000
White	6,745,000	5,349,000	4,792,000	557,000	216,000	1,180,000	613,000	567,000
Other	164,000	132,000	118,000	15,000	5,000	26,000	10,000	16,000
Sciences	6,666,000	5,276,000	4,677,000	599,000	239,000	1,152,000	451,000	701,000
American Indian/Alaska Native	35,000	25,000	23,000	2,000	S	6,000	S	5,000
Asian	517,000	396,000	351,000	45,000	27,000	94,000	10,000	84,000
Black	441,000	366,000	341,000	25,000	24,000	51,000	22,000	29,000
Hispanic	379,000	303,000	277,000	26,000	19,000	57,000	17,000	40,000
White	5,164,000	4,083,000	3,596,000	487,000	160,000	921,000	393,000	527,000
Other	129,000	101,000	88,000	14,000	4,000	24,000	8,000	16,000
Biological/agricultural/environmental life sciences	1,369,000	1,082,000	967,000	115,000	39,000	249,000	85,000	164,000
American Indian/Alaska Native	6,000	5,000	5,000	S	S	S	S	S
Asian	114,000	81,000	69,000	11,000	5,000	28,000	2,000	26,000
Black	58,000	48,000	45,000	3,000	3,000	7,000	2,000	6,000

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
		Hispanic	79,000	64,000		59,000	5,000	4,000
White	1,087,000	865,000	774,000	91,000	27,000	194,000	78,000	116,000
Other	26,000	18,000	14,000	3,000	S	8,000	S	6,000
Agricultural/food sciences	232,000	199,000	183,000	15,000	5,000	28,000	17,000	11,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	12,000	9,000	8,000	S	S	3,000	S	2,000
Black	4,000	3,000	3,000	S	S	S	S	S
Hispanic	8,000	7,000	7,000	S	S	1,000	S	*
White	203,000	175,000	161,000	14,000	5,000	23,000	15,000	8,000
Other	5,000	4,000	3,000	S	S	S	S	S
Biological sciences	998,000	767,000	675,000	93,000	28,000	202,000	58,000	144,000
American Indian/Alaska Native	4,000	3,000	3,000	S	S	S	S	S
Asian	98,000	71,000	60,000	11,000	3,000	23,000	2,000	22,000
Black	53,000	44,000	40,000	3,000	2,000	7,000	2,000	6,000
Hispanic	67,000	53,000	49,000	4,000	4,000	10,000	S	9,000
White	758,000	584,000	513,000	71,000	19,000	155,000	54,000	102,000
Other	18,000	13,000	9,000	3,000	S	6,000	S	5,000
Environmental life sciences	139,000	116,000	109,000	6,000	5,000	18,000	10,000	9,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	4,000	S	S	S	S	S	S	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	4,000	4,000	4,000	S	S	S	S	S
White	126,000	107,000	100,000	6,000	4,000	16,000	10,000	6,000
Other	2,000	2,000	2,000	S	S	S	S	S
Computer/mathematical sciences	1,202,000	1,010,000	927,000	83,000	49,000	143,000	55,000	88,000
American Indian/Alaska Native	9,000	5,000	5,000	S	S	S	S	S
Asian	145,000	117,000	108,000	8,000	10,000	19,000	2,000	16,000
Black	85,000	75,000	71,000	4,000	4,000	6,000	3,000	4,000
Hispanic	62,000	52,000	50,000	3,000	3,000	6,000	3,000	3,000
White	881,000	743,000	676,000	67,000	29,000	108,000	47,000	61,000
Other	21,000	18,000	17,000	S	1,000	2,000	S	S
Computer/information sciences	753,000	667,000	623,000	44,000	34,000	52,000	7,000	45,000
American Indian/Alaska Native	8,000	5,000	5,000	S	S	S	S	S
Asian	107,000	91,000	86,000	5,000	8,000	9,000	S	9,000
Black	59,000	53,000	49,000	3,000	3,000	3,000	S	3,000
Hispanic	47,000	42,000	40,000	2,000	2,000	4,000	S	3,000
White	517,000	463,000	431,000	33,000	19,000	35,000	6,000	29,000
Other	14,000	13,000	12,000	S	S	S	S	S
Mathematical sciences	449,000	343,000	304,000	39,000	15,000	91,000	48,000	43,000

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	38,000	26,000	22,000	3,000	2,000	10,000	2,000	8,000
Black	26,000	22,000	21,000	1,000	1,000	3,000	3,000	1,000
Hispanic	14,000	11,000	10,000	S	S	2,000	2,000	*
White	364,000	280,000	246,000	34,000	10,000	74,000	41,000	32,000
Other	7,000	5,000	5,000	S	S	S	S	S
Physical/related sciences	548,000	423,000	387,000	36,000	17,000	107,000	68,000	39,000
American Indian/Alaska Native	2,000	2,000	2,000	S	S	S	S	S
Asian	59,000	46,000	38,000	8,000	4,000	9,000	2,000	7,000
Black	19,000	16,000	15,000	1,000	S	3,000	2,000	1,000
Hispanic	27,000	25,000	24,000	1,000	*	2,000	S	1,000
White	432,000	331,000	305,000	26,000	13,000	89,000	62,000	27,000
Other	10,000	4,000	3,000	1,000	S	5,000	S	4,000
Chemistry, except biochemistry	275,000	209,000	188,000	21,000	7,000	59,000	31,000	29,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	37,000	29,000	24,000	4,000	2,000	6,000	1,000	5,000
Black	12,000	10,000	10,000	1,000	S	2,000	1,000	*
Hispanic	15,000	14,000	14,000	S	S	1,000	S	1,000
White	204,000	152,000	138,000	14,000	5,000	47,000	28,000	18,000
Other	6,000	3,000	2,000	1,000	S	S	S	S
Earth/atmospheric/ocean sciences	135,000	105,000	98,000	7,000	5,000	25,000	19,000	6,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	S	S	S	S	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	4,000	4,000	4,000	S	S	S	S	S
White	126,000	98,000	91,000	7,000	4,000	24,000	18,000	6,000
Other	1,000	1,000	1,000	S	S	S	S	S
Physics/astronomy	93,000	73,000	66,000	7,000	4,000	16,000	13,000	3,000
American Indian/Alaska Native	*	*	S	S	S	S	S	S
Asian	17,000	13,000	11,000	3,000	2,000	2,000	S	1,000
Black	2,000	2,000	2,000	*	S	*	S	*
Hispanic	3,000	3,000	2,000	1,000	S	*	S	*
White	69,000	54,000	50,000	4,000	2,000	13,000	12,000	1,000
Other	1,000	1,000	1,000	S	S	S	S	S
Other physical sciences	46,000	36,000	36,000	1,000	S	7,000	6,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	S	S	S	S	S
Black	4,000	3,000	3,000	S	S	S	S	S
Hispanic	4,000	4,000	4,000	S	S	S	S	S

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
White	34,000	27,000	27,000	*	S	5,000	4,000	1,000
Other	S	S	S	S	S	S	S	S
Social/related sciences	3,547,000	2,760,000	2,395,000	365,000	134,000	653,000	242,000	411,000
American Indian/Alaska Native	19,000	13,000	11,000	2,000	S	4,000	S	S
Asian	199,000	153,000	135,000	18,000	8,000	39,000	3,000	36,000
Black	279,000	227,000	210,000	17,000	18,000	34,000	15,000	19,000
Hispanic	212,000	162,000	144,000	18,000	12,000	38,000	12,000	26,000
White	2,764,000	2,144,000	1,841,000	304,000	91,000	529,000	206,000	323,000
Other	73,000	61,000	53,000	8,000	3,000	9,000	5,000	4,000
Economics	563,000	455,000	413,000	43,000	23,000	84,000	43,000	42,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	75,000	58,000	52,000	6,000	3,000	14,000	S	14,000
Black	20,000	17,000	17,000	S	1,000	3,000	S	*
Hispanic	25,000	20,000	19,000	1,000	S	4,000	S	3,000
White	435,000	354,000	318,000	35,000	18,000	63,000	39,000	24,000
Other	7,000	6,000	6,000	S	S	S	S	S
Political/related sciences	688,000	548,000	492,000	56,000	30,000	109,000	46,000	64,000
American Indian/Alaska Native	4,000	4,000	3,000	S	S	S	S	S
Asian	32,000	23,000	18,000	4,000	3,000	7,000	S	6,000
Black	56,000	48,000	43,000	5,000	3,000	5,000	2,000	4,000
Hispanic	41,000	31,000	28,000	3,000	3,000	7,000	S	5,000
White	540,000	430,000	387,000	43,000	21,000	89,000	40,000	49,000
Other	15,000	13,000	12,000	S	S	S	S	S
Psychology	1,133,000	849,000	703,000	146,000	43,000	242,000	77,000	165,000
American Indian/Alaska Native	4,000	3,000	2,000	S	S	S	S	S
Asian	48,000	39,000	37,000	2,000	S	7,000	S	7,000
Black	92,000	73,000	66,000	7,000	8,000	11,000	4,000	7,000
Hispanic	77,000	58,000	50,000	9,000	4,000	15,000	4,000	10,000
White	886,000	655,000	531,000	124,000	28,000	203,000	66,000	137,000
Other	26,000	20,000	17,000	3,000	S	4,000	3,000	S
Sociology/anthropology	798,000	605,000	522,000	83,000	29,000	164,000	55,000	109,000
American Indian/Alaska Native	6,000	3,000	2,000	S	S	S	S	S
Asian	24,000	18,000	15,000	3,000	1,000	5,000	S	5,000
Black	81,000	62,000	59,000	3,000	6,000	14,000	7,000	7,000
Hispanic	38,000	30,000	27,000	3,000	3,000	6,000	2,000	3,000
White	631,000	478,000	406,000	72,000	17,000	135,000	44,000	91,000
Other	18,000	15,000	13,000	2,000	S	S	S	S
Other social sciences	364,000	303,000	265,000	38,000	8,000	53,000	22,000	31,000
American Indian/Alaska Native	3,000	3,000	3,000	S	S	S	S	S

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Asian	20,000	15,000	12,000	3,000	S	5,000	S	5,000
Black	30,000	28,000	25,000	3,000	*	2,000	S	1,000
Hispanic	31,000	23,000	21,000	3,000	S	7,000	3,000	4,000
White	273,000	228,000	199,000	29,000	6,000	39,000	18,000	21,000
Other	7,000	7,000	5,000	S	S	S	S	S
Engineering	2,050,000	1,677,000	1,592,000	85,000	78,000	295,000	238,000	57,000
American Indian/Alaska Native	5,000	4,000	4,000	S	S	S	S	S
Asian	244,000	214,000	206,000	8,000	14,000	16,000	8,000	9,000
Black	66,000	60,000	58,000	2,000	3,000	3,000	1,000	2,000
Hispanic	118,000	102,000	98,000	4,000	4,000	13,000	7,000	6,000
White	1,581,000	1,266,000	1,196,000	70,000	56,000	259,000	219,000	40,000
Other	34,000	31,000	30,000	1,000	1,000	2,000	2,000	1,000
Aerospace/related engineering	74,000	64,000	61,000	3,000	2,000	9,000	8,000	*
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S
Asian	3,000	3,000	3,000	S	S	S	S	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	2,000	2,000	2,000	*	S	S	S	S
White	65,000	54,000	52,000	2,000	2,000	9,000	8,000	S
Other	2,000	2,000	2,000	S	S	S	S	S
Chemical engineering	144,000	116,000	110,000	6,000	4,000	24,000	18,000	6,000
American Indian/Alaska Native	2,000	1,000	1,000	S	S	S	S	S
Asian	18,000	16,000	15,000	1,000	S	2,000	S	1,000
Black	4,000	4,000	4,000	S	S	S	S	S
Hispanic	8,000	7,000	7,000	S	S	1,000	S	S
White	110,000	86,000	81,000	5,000	3,000	21,000	16,000	5,000
Other	2,000	2,000	2,000	S	S	S	S	S
Civil/architectural engineering	335,000	288,000	276,000	12,000	10,000	37,000	30,000	7,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	31,000	26,000	24,000	S	2,000	3,000	2,000	S
Black	10,000	9,000	9,000	S	S	S	S	S
Hispanic	26,000	25,000	24,000	1,000	S	2,000	1,000	S
White	258,000	219,000	209,000	10,000	7,000	32,000	26,000	6,000
Other	9,000	8,000	8,000	S	S	S	S	S
Electrical/computer engineering	628,000	518,000	494,000	24,000	31,000	78,000	60,000	18,000
American Indian/Alaska Native	1,000	S	S	S	S	S	S	S
Asian	115,000	102,000	100,000	2,000	7,000	5,000	1,000	4,000
Black	31,000	29,000	27,000	2,000	2,000	1,000	S	S
Hispanic	35,000	29,000	28,000	*	3,000	3,000	S	2,000
White	433,000	347,000	327,000	20,000	19,000	67,000	55,000	12,000

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Other	14,000	12,000	11,000	S	S	2,000	S	S
Industrial engineering	137,000	101,000	97,000	4,000	7,000	30,000	23,000	7,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	10,000	8,000	8,000	S	S	S	S	S
Black	4,000	3,000	3,000	S	S	S	S	S
Hispanic	12,000	10,000	10,000	S	S	2,000	S	1,000
White	110,000	79,000	75,000	3,000	6,000	25,000	21,000	5,000
Other	1,000	1,000	1,000	S	S	S	S	S
Mechanical engineering	480,000	393,000	370,000	22,000	17,000	70,000	63,000	7,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	45,000	41,000	39,000	2,000	3,000	2,000	1,000	S
Black	10,000	10,000	9,000	*	S	S	S	S
Hispanic	19,000	16,000	16,000	*	S	2,000	S	1,000
White	399,000	321,000	302,000	19,000	13,000	65,000	59,000	5,000
Other	5,000	5,000	4,000	S	S	S	S	S
Other engineering	251,000	197,000	184,000	13,000	7,000	46,000	35,000	12,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	22,000	18,000	17,000	S	1,000	3,000	S	2,000
Black	4,000	4,000	4,000	S	S	S	S	S
Hispanic	15,000	13,000	11,000	1,000	S	3,000	S	2,000
White	206,000	160,000	150,000	10,000	6,000	41,000	33,000	8,000
Other	2,000	2,000	2,000	S	S	S	S	S
S&E-related fields	2,828,000	2,322,000	1,890,000	432,000	48,000	458,000	200,000	258,000
American Indian/Alaska Native	13,000	10,000	9,000	S	S	3,000	S	S
Asian	241,000	203,000	174,000	29,000	6,000	32,000	9,000	22,000
Black	161,000	144,000	137,000	7,000	3,000	14,000	9,000	5,000
Hispanic	152,000	135,000	124,000	11,000	3,000	15,000	6,000	9,000
White	2,210,000	1,783,000	1,403,000	379,000	34,000	393,000	175,000	218,000
Other	50,000	47,000	43,000	4,000	S	2,000	S	S
Health	1,994,000	1,621,000	1,254,000	367,000	24,000	350,000	131,000	219,000
American Indian/Alaska Native	10,000	8,000	7,000	S	S	S	S	S
Asian	177,000	150,000	129,000	21,000	2,000	25,000	7,000	18,000
Black	119,000	108,000	102,000	6,000	2,000	9,000	5,000	4,000
Hispanic	103,000	89,000	80,000	9,000	S	12,000	5,000	7,000
White	1,543,000	1,225,000	900,000	325,000	18,000	300,000	112,000	188,000
Other	43,000	41,000	37,000	4,000	S	S	S	S
Science/mathematics teacher education	237,000	185,000	158,000	27,000	5,000	48,000	35,000	12,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	8,000	7,000	7,000	S	S	S	S	S

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Black	12,000	7,000	7,000	S	S	4,000	4,000	S
Hispanic	13,000	11,000	11,000	S	S	S	S	S
White	203,000	158,000	132,000	26,000	4,000	41,000	30,000	11,000
Other	1,000	S	S	S	S	S	S	S
Technology/technical fields	336,000	282,000	266,000	16,000	16,000	38,000	26,000	12,000
American Indian/Alaska Native	2,000	S	S	S	S	S	S	S
Asian	35,000	29,000	24,000	5,000	3,000	3,000	S	2,000
Black	19,000	18,000	18,000	S	S	S	S	S
Hispanic	19,000	18,000	17,000	S	S	S	S	S
White	256,000	212,000	202,000	10,000	10,000	34,000	25,000	9,000
Other	4,000	4,000	3,000	S	S	S	S	S
Other S&E-related fields	260,000	235,000	212,000	22,000	3,000	22,000	9,000	14,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	21,000	17,000	14,000	3,000	S	3,000	S	S
Black	12,000	11,000	11,000	S	S	S	S	S
Hispanic	18,000	16,000	16,000	S	S	S	S	S
White	208,000	187,000	169,000	19,000	2,000	18,000	8,000	10,000
Other	2,000	2,000	2,000	S	S	S	S	S
Non-S&E fields	1,238,000	1,215,000	1,100,000	115,000	4,000	19,000	8,000	12,000
American Indian/Alaska Native	8,000	7,000	7,000	S	S	S	S	S
Asian	63,000	60,000	55,000	5,000	S	S	S	S
Black	79,000	78,000	75,000	3,000	S	S	S	S
Hispanic	49,000	49,000	47,000	2,000	S	S	S	S
White	1,022,000	1,004,000	901,000	102,000	S	15,000	6,000	9,000
Other	18,000	18,000	16,000	2,000	S	S	S	S
Arts/humanities	257,000	252,000	223,000	29,000	S	4,000	S	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	10,000	10,000	8,000	S	S	S	S	S
Black	6,000	6,000	6,000	S	S	S	S	S
Hispanic	9,000	9,000	9,000	S	S	S	S	S
White	228,000	224,000	198,000	26,000	S	4,000	S	3,000
Other	3,000	3,000	3,000	S	S	S	S	S
Education, except science/mathematics teacher education	221,000	217,000	200,000	17,000	S	4,000	S	S
American Indian/Alaska Native	3,000	3,000	S	S	S	S	S	S
Asian	6,000	6,000	5,000	S	S	S	S	S
Black	12,000	12,000	11,000	S	S	S	S	S
Hispanic	9,000	9,000	9,000	S	S	S	S	S
White	188,000	184,000	169,000	15,000	S	4,000	S	S
Other	3,000	3,000	3,000	S	S	S	S	S

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Management/administration	478,000	468,000	436,000	32,000	S	7,000	4,000	3,000
American Indian/Alaska Native	3,000	3,000	3,000	S	S	S	S	S
Asian	37,000	34,000	32,000	2,000	S	S	S	S
Black	36,000	36,000	35,000	S	S	S	S	S
Hispanic	20,000	20,000	20,000	S	S	S	S	S
White	374,000	367,000	339,000	29,000	S	4,000	S	S
Other	8,000	7,000	7,000	S	S	S	S	S
Sales/marketing	54,000	53,000	49,000	4,000	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S
Black	2,000	2,000	S	S	S	S	S	S
Hispanic	2,000	2,000	2,000	S	S	S	S	S
White	48,000	48,000	43,000	4,000	S	S	S	S
Other	S	S	S	S	S	S	S	S
Social services/related	42,000	40,000	33,000	6,000	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	S	S	S	S	S
Black	6,000	6,000	6,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	34,000	32,000	26,000	6,000	S	S	S	S
Other	S	S	S	S	S	S	S	S
Other non-S&E fields	187,000	185,000	159,000	25,000	S	2,000	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	7,000	7,000	6,000	S	S	S	S	S
Black	17,000	16,000	15,000	S	S	S	S	S
Hispanic	8,000	8,000	7,000	S	S	S	S	S
White	150,000	149,000	127,000	22,000	S	S	S	S
Other	3,000	3,000	2,000	S	S	S	S	S
Master's degrees	5,967,000	4,979,000	4,411,000	568,000	173,000	814,000	501,000	313,000
American Indian/Alaska Native	23,000	20,000	17,000	3,000	S	3,000	3,000	S
Asian	625,000	525,000	480,000	45,000	36,000	63,000	17,000	46,000
Black	345,000	292,000	275,000	17,000	11,000	41,000	29,000	12,000
Hispanic	250,000	217,000	199,000	18,000	6,000	28,000	11,000	17,000
White	4,643,000	3,856,000	3,378,000	478,000	116,000	671,000	436,000	235,000
Other	82,000	70,000	63,000	6,000	4,000	8,000	5,000	3,000
S&E fields	2,348,000	1,919,000	1,704,000	215,000	79,000	350,000	215,000	135,000
American Indian/Alaska Native	7,000	5,000	4,000	1,000	S	S	S	S
Asian	396,000	332,000	302,000	31,000	23,000	40,000	11,000	29,000
Black	102,000	83,000	77,000	7,000	3,000	15,000	9,000	6,000

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
		Hispanic	100,000	86,000		78,000	8,000	2,000
White	1,711,000	1,383,000	1,215,000	167,000	49,000	279,000	188,000	91,000
Other	34,000	29,000	28,000	2,000	2,000	3,000	2,000	1,000
Sciences	1,706,000	1,384,000	1,204,000	180,000	55,000	267,000	158,000	109,000
American Indian/Alaska Native	6,000	5,000	4,000	S	S	S	S	S
Asian	244,000	200,000	177,000	23,000	15,000	29,000	6,000	23,000
Black	87,000	71,000	64,000	7,000	3,000	14,000	8,000	6,000
Hispanic	70,000	60,000	52,000	7,000	1,000	9,000	4,000	5,000
White	1,273,000	1,028,000	886,000	142,000	34,000	211,000	137,000	74,000
Other	25,000	21,000	20,000	1,000	1,000	3,000	2,000	1,000
Biological/agricultural/environmental life sciences	261,000	209,000	186,000	23,000	5,000	46,000	28,000	18,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	34,000	25,000	23,000	2,000	S	8,000	1,000	7,000
Black	8,000	7,000	7,000	1,000	S	1,000	S	*
Hispanic	9,000	7,000	7,000	*	S	2,000	S	1,000
White	204,000	165,000	145,000	19,000	4,000	35,000	25,000	10,000
Other	4,000	3,000	3,000	S	S	S	S	S
Agricultural/food sciences	37,000	31,000	29,000	2,000	S	5,000	4,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	3,000	2,000	2,000	S	S	S	S	S
Black	2,000	2,000	2,000	S	S	S	S	S
Hispanic	2,000	2,000	2,000	S	S	S	S	S
White	28,000	24,000	22,000	2,000	S	4,000	4,000	S
Other	1,000	1,000	1,000	S	S	S	S	S
Biological sciences	185,000	148,000	130,000	18,000	4,000	33,000	17,000	16,000
American Indian/Alaska Native	1,000	1,000	1,000	S	S	S	S	S
Asian	29,000	20,000	18,000	2,000	S	8,000	1,000	7,000
Black	6,000	5,000	4,000	S	S	1,000	S	*
Hispanic	7,000	6,000	5,000	*	S	1,000	S	S
White	141,000	115,000	100,000	15,000	3,000	23,000	15,000	8,000
Other	2,000	1,000	1,000	S	S	S	S	S
Environmental life sciences	39,000	30,000	27,000	2,000	S	9,000	7,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	3,000	3,000	3,000	S	S	S	S	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	*	*	*	S	S	S	S	S
White	34,000	25,000	23,000	2,000	S	8,000	7,000	1,000
Other	S	S	S	S	S	S	S	S
Computer/mathematical sciences	444,000	375,000	343,000	32,000	25,000	44,000	24,000	20,000

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	140,000	119,000	111,000	9,000	11,000	9,000	2,000	8,000
Black	18,000	16,000	14,000	1,000	1,000	*	S	S
Hispanic	11,000	9,000	9,000	*	S	1,000	S	*
White	268,000	224,000	202,000	22,000	11,000	33,000	21,000	11,000
Other	7,000	6,000	6,000	S	S	S	S	S
Computer/information sciences	316,000	277,000	259,000	18,000	19,000	21,000	7,000	14,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	119,000	102,000	96,000	7,000	10,000	7,000	1,000	6,000
Black	13,000	11,000	11,000	S	1,000	S	S	S
Hispanic	9,000	8,000	8,000	S	S	S	S	S
White	169,000	150,000	140,000	10,000	6,000	13,000	6,000	7,000
Other	5,000	5,000	5,000	S	S	S	S	S
Mathematical sciences	128,000	98,000	84,000	15,000	6,000	23,000	17,000	6,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	21,000	17,000	15,000	2,000	1,000	2,000	S	2,000
Black	5,000	5,000	4,000	1,000	S	S	S	S
Hispanic	2,000	2,000	1,000	*	S	1,000	S	*
White	98,000	74,000	63,000	11,000	5,000	20,000	16,000	4,000
Other	1,000	1,000	1,000	S	S	S	S	S
Physical/related sciences	161,000	130,000	112,000	18,000	5,000	26,000	18,000	7,000
American Indian/Alaska Native	1,000	*	*	S	S	S	S	S
Asian	29,000	24,000	20,000	4,000	2,000	3,000	*	3,000
Black	4,000	3,000	3,000	S	S	S	S	S
Hispanic	4,000	4,000	4,000	*	S	S	S	S
White	121,000	97,000	84,000	14,000	3,000	21,000	17,000	4,000
Other	2,000	1,000	1,000	S	S	S	S	S
Chemistry, except biochemistry	59,000	46,000	40,000	6,000	2,000	11,000	8,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	18,000	16,000	14,000	2,000	1,000	2,000	*	S
Black	2,000	1,000	1,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	37,000	27,000	24,000	4,000	S	9,000	7,000	2,000
Other	S	S	S	S	S	S	S	S
Earth/atmospheric/ocean sciences	55,000	47,000	40,000	7,000	1,000	7,000	5,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	4,000	3,000	3,000	S	S	S	S	S
Black	S	S	S	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
White	49,000	42,000	36,000	6,000	1,000	7,000	5,000	2,000
Other	1,000	1,000	1,000	S	S	S	S	S
Physics/astronomy	40,000	31,000	27,000	4,000	2,000	6,000	4,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	7,000	5,000	4,000	1,000	1,000	2,000	S	2,000
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	2,000	2,000	2,000	S	S	S	S	S
White	29,000	24,000	21,000	3,000	2,000	4,000	3,000	S
Other	*	S	S	S	S	S	S	S
Other physical sciences	7,000	5,000	4,000	S	S	S	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	S	S	S	S	S	S	S	S
Black	S	S	S	S	S	S	S	S
Hispanic	S	S	S	S	S	S	S	S
White	6,000	5,000	4,000	S	S	S	S	S
Other	S	S	S	S	S	S	S	S
Social/related sciences	840,000	670,000	563,000	107,000	19,000	151,000	88,000	63,000
American Indian/Alaska Native	3,000	2,000	2,000	S	S	S	S	S
Asian	41,000	31,000	23,000	8,000	1,000	8,000	3,000	5,000
Black	57,000	45,000	40,000	4,000	1,000	11,000	7,000	5,000
Hispanic	46,000	39,000	32,000	7,000	S	7,000	3,000	4,000
White	680,000	542,000	455,000	87,000	16,000	122,000	74,000	49,000
Other	13,000	11,000	10,000	1,000	S	S	S	S
Economics	89,000	72,000	64,000	8,000	1,000	16,000	13,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	13,000	10,000	9,000	1,000	S	2,000	S	1,000
Black	4,000	1,000	1,000	S	S	S	S	S
Hispanic	4,000	3,000	3,000	*	S	S	S	S
White	68,000	56,000	50,000	6,000	S	12,000	11,000	1,000
Other	*	*	S	S	S	S	S	S
Political/related sciences	118,000	97,000	88,000	8,000	4,000	18,000	11,000	6,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	7,000	6,000	5,000	S	S	1,000	S	1,000
Black	9,000	7,000	7,000	S	S	S	S	S
Hispanic	6,000	5,000	4,000	S	S	S	S	S
White	93,000	77,000	71,000	6,000	2,000	14,000	9,000	5,000
Other	1,000	1,000	1,000	S	S	S	S	S
Psychology	473,000	373,000	305,000	68,000	10,000	90,000	47,000	43,000
American Indian/Alaska Native	2,000	1,000	1,000	S	S	S	S	S

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Asian	11,000	9,000	5,000	4,000	S	2,000	S	2,000
Black	32,000	26,000	24,000	2,000	S	6,000	3,000	3,000
Hispanic	25,000	21,000	16,000	5,000	S	5,000	S	3,000
White	393,000	308,000	251,000	57,000	9,000	76,000	41,000	35,000
Other	9,000	8,000	8,000	S	S	S	S	S
Sociology/anthropology	66,000	52,000	41,000	11,000	2,000	12,000	7,000	5,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	4,000	3,000	1,000	1,000	S	1,000	S	S
Black	5,000	4,000	3,000	S	S	1,000	S	S
Hispanic	4,000	4,000	4,000	S	S	*	S	*
White	52,000	41,000	32,000	9,000	1,000	10,000	5,000	4,000
Other	1,000	1,000	1,000	S	S	S	S	S
Other social sciences	94,000	77,000	65,000	12,000	3,000	15,000	9,000	6,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	5,000	3,000	3,000	S	S	2,000	S	1,000
Black	8,000	6,000	5,000	2,000	S	1,000	S	S
Hispanic	6,000	6,000	6,000	S	S	S	S	S
White	73,000	60,000	51,000	9,000	3,000	11,000	7,000	4,000
Other	1,000	1,000	1,000	S	S	S	S	S
Engineering	642,000	535,000	500,000	35,000	24,000	83,000	57,000	26,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	151,000	132,000	124,000	8,000	8,000	11,000	5,000	6,000
Black	15,000	12,000	12,000	*	1,000	1,000	S	1,000
Hispanic	29,000	26,000	26,000	*	*	3,000	1,000	2,000
White	438,000	355,000	329,000	26,000	15,000	68,000	51,000	17,000
Other	8,000	8,000	8,000	S	S	S	S	S
Aerospace/related engineering	19,000	15,000	15,000	1,000	S	3,000	3,000	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	1,000	*	S	S	S	S
Black	S	S	S	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	14,000	11,000	11,000	*	S	2,000	2,000	S
Other	1,000	1,000	1,000	S	S	S	S	S
Chemical engineering	33,000	27,000	26,000	1,000	1,000	6,000	3,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	11,000	9,000	9,000	*	S	1,000	S	*
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	2,000	2,000	2,000	S	S	S	S	S
White	19,000	15,000	14,000	S	S	5,000	3,000	2,000

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Other	S	S	S	S	S	S	S	S
Civil/architectural engineering	96,000	86,000	77,000	9,000	2,000	8,000	7,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	19,000	16,000	15,000	1,000	1,000	2,000	1,000	S
Black	2,000	2,000	2,000	S	S	S	S	S
Hispanic	7,000	6,000	6,000	S	S	*	S	S
White	66,000	60,000	52,000	8,000	1,000	6,000	5,000	S
Other	2,000	2,000	2,000	S	S	S	S	S
Electrical/computer engineering	237,000	194,000	183,000	11,000	9,000	33,000	24,000	9,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	74,000	66,000	62,000	4,000	4,000	4,000	1,000	3,000
Black	6,000	5,000	5,000	S	*	1,000	S	S
Hispanic	7,000	7,000	7,000	S	S	S	S	S
White	147,000	114,000	107,000	7,000	5,000	28,000	22,000	6,000
Other	2,000	2,000	2,000	S	S	S	S	S
Industrial engineering	40,000	29,000	28,000	1,000	3,000	8,000	6,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	9,000	8,000	8,000	S	S	1,000	S	S
Black	2,000	2,000	2,000	S	S	S	S	S
Hispanic	4,000	3,000	3,000	S	S	S	S	S
White	26,000	17,000	16,000	1,000	2,000	7,000	5,000	S
Other	S	S	S	S	S	S	S	S
Mechanical engineering	100,000	84,000	79,000	4,000	3,000	13,000	9,000	4,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	18,000	15,000	14,000	1,000	2,000	1,000	1,000	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	3,000	3,000	3,000	S	S	S	S	S
White	75,000	63,000	60,000	3,000	1,000	11,000	8,000	3,000
Other	1,000	1,000	1,000	S	S	S	S	S
Other engineering	117,000	99,000	91,000	7,000	5,000	13,000	6,000	7,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	19,000	16,000	15,000	1,000	1,000	2,000	1,000	1,000
Black	2,000	2,000	2,000	S	S	S	S	S
Hispanic	5,000	4,000	4,000	S	S	S	S	S
White	89,000	75,000	69,000	6,000	4,000	10,000	5,000	4,000
Other	2,000	1,000	1,000	S	S	S	S	S
S&E-related fields	1,088,000	915,000	762,000	153,000	24,000	149,000	88,000	62,000
American Indian/Alaska Native	4,000	3,000	3,000	S	S	S	S	S
Asian	68,000	58,000	53,000	6,000	4,000	6,000	2,000	4,000

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Black	62,000	52,000	50,000	3,000	1,000	9,000	5,000	4,000
Hispanic	40,000	36,000	31,000	4,000	S	4,000	2,000	3,000
White	901,000	756,000	618,000	138,000	19,000	127,000	76,000	51,000
Other	12,000	10,000	8,000	2,000	S	S	S	S
Health	740,000	624,000	507,000	118,000	17,000	98,000	46,000	52,000
American Indian/Alaska Native	3,000	2,000	2,000	S	S	S	S	S
Asian	41,000	34,000	30,000	4,000	2,000	4,000	2,000	3,000
Black	42,000	33,000	31,000	2,000	S	7,000	4,000	4,000
Hispanic	28,000	25,000	22,000	3,000	S	3,000	S	2,000
White	618,000	522,000	415,000	107,000	14,000	82,000	39,000	43,000
Other	8,000	7,000	6,000	1,000	S	S	S	S
Science/mathematics teacher education	189,000	147,000	122,000	25,000	4,000	39,000	33,000	6,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	4,000	4,000	3,000	S	S	S	S	S
Black	13,000	11,000	11,000	S	S	1,000	1,000	S
Hispanic	5,000	4,000	4,000	S	S	S	S	S
White	164,000	125,000	104,000	22,000	4,000	35,000	30,000	5,000
Other	2,000	S	S	S	S	S	S	S
Technology/technical fields	58,000	49,000	47,000	2,000	2,000	7,000	4,000	3,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	15,000	13,000	13,000	S	1,000	1,000	S	1,000
Black	4,000	3,000	3,000	S	S	S	S	S
Hispanic	2,000	2,000	2,000	S	S	S	S	S
White	36,000	30,000	28,000	2,000	S	5,000	4,000	S
Other	1,000	S	S	S	S	S	S	S
Other S&E-related fields	102,000	95,000	87,000	8,000	2,000	5,000	4,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	7,000	7,000	7,000	S	S	S	S	S
Black	4,000	4,000	4,000	S	S	S	S	S
Hispanic	5,000	4,000	4,000	S	S	S	S	S
White	84,000	78,000	71,000	7,000	S	5,000	4,000	S
Other	1,000	1,000	S	S	S	S	S	S
Non-S&E fields	2,530,000	2,145,000	1,946,000	200,000	70,000	314,000	198,000	116,000
American Indian/Alaska Native	12,000	12,000	10,000	S	S	S	S	S
Asian	161,000	134,000	125,000	9,000	10,000	17,000	3,000	13,000
Black	181,000	157,000	149,000	8,000	7,000	17,000	15,000	2,000
Hispanic	110,000	95,000	89,000	6,000	4,000	11,000	4,000	7,000
White	2,031,000	1,717,000	1,544,000	173,000	49,000	265,000	172,000	93,000
Other	36,000	31,000	28,000	3,000	S	3,000	2,000	S

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
		Arts/humanities	113,000	97,000		77,000	20,000	4,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	12,000	10,000	9,000	S	S	S	S	S
Black	3,000	2,000	1,000	S	S	S	S	S
Hispanic	5,000	4,000	3,000	S	S	S	S	S
White	93,000	81,000	63,000	18,000	3,000	10,000	8,000	S
Other	1,000	1,000	1,000	S	S	S	S	S
Education, except science/mathematics teacher education	743,000	606,000	553,000	54,000	10,000	127,000	92,000	35,000
American Indian/Alaska Native	3,000	3,000	3,000	S	S	S	S	S
Asian	16,000	13,000	11,000	2,000	S	2,000	S	S
Black	65,000	53,000	50,000	3,000	1,000	11,000	11,000	S
Hispanic	32,000	28,000	25,000	3,000	S	4,000	2,000	2,000
White	616,000	500,000	456,000	44,000	8,000	108,000	76,000	32,000
Other	10,000	9,000	8,000	S	S	S	S	S
Management/administration	1,025,000	882,000	830,000	52,000	38,000	104,000	61,000	43,000
American Indian/Alaska Native	6,000	6,000	6,000	S	S	S	S	S
Asian	99,000	84,000	79,000	4,000	7,000	8,000	1,000	7,000
Black	58,000	51,000	50,000	1,000	3,000	4,000	3,000	S
Hispanic	44,000	39,000	38,000	1,000	3,000	2,000	S	S
White	802,000	689,000	644,000	45,000	25,000	88,000	56,000	33,000
Other	15,000	14,000	14,000	S	S	2,000	1,000	S
Sales/marketing	104,000	90,000	80,000	10,000	5,000	10,000	4,000	6,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	9,000	8,000	7,000	S	S	S	S	S
Black	5,000	4,000	3,000	S	S	S	S	S
Hispanic	5,000	3,000	3,000	S	S	S	S	S
White	85,000	73,000	66,000	7,000	4,000	8,000	3,000	5,000
Other	S	S	S	S	S	S	S	S
Social services/related	283,000	248,000	207,000	41,000	6,000	29,000	13,000	16,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	9,000	7,000	6,000	S	S	2,000	S	2,000
Black	28,000	25,000	25,000	S	S	S	S	S
Hispanic	14,000	11,000	11,000	S	S	2,000	S	S
White	228,000	200,000	161,000	38,000	5,000	23,000	11,000	12,000
Other	4,000	4,000	3,000	S	S	S	S	S
Other non-S&E fields	262,000	222,000	198,000	24,000	8,000	32,000	20,000	13,000
American Indian/Alaska Native	2,000	S	S	S	S	S	S	S
Asian	15,000	13,000	12,000	S	S	1,000	S	S
Black	23,000	21,000	19,000	2,000	S	S	S	S

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Hispanic	11,000	9,000	9,000	S	S	S	S	S
White	206,000	174,000	154,000	20,000	4,000	28,000	18,000	10,000
Other	4,000	3,000	2,000	S	S	S	S	S
Doctorate degrees	1,026,000	885,000	802,000	84,000	21,000	119,000	95,000	25,000
American Indian/Alaska Native	2,000	1,000	1,000	*	S	*	S	*
Asian	163,000	148,000	140,000	8,000	5,000	11,000	7,000	4,000
Black	37,000	33,000	31,000	2,000	1,000	3,000	2,000	*
Hispanic	34,000	30,000	27,000	3,000	1,000	4,000	2,000	2,000
White	778,000	664,000	593,000	70,000	14,000	101,000	82,000	18,000
Other	12,000	10,000	9,000	1,000	*	2,000	1,000	*
S&E fields	796,000	690,000	625,000	65,000	18,000	88,000	69,000	19,000
American Indian/Alaska Native	1,000	1,000	1,000	*	S	*	S	*
Asian	143,000	129,000	123,000	6,000	5,000	9,000	5,000	4,000
Black	23,000	21,000	19,000	1,000	1,000	1,000	1,000	*
Hispanic	23,000	21,000	19,000	2,000	1,000	2,000	1,000	1,000
White	596,000	510,000	455,000	55,000	12,000	74,000	61,000	14,000
Other	9,000	8,000	7,000	1,000	*	1,000	*	*
Sciences	656,000	568,000	510,000	57,000	14,000	74,000	57,000	17,000
American Indian/Alaska Native	1,000	1,000	1,000	*	S	*	S	*
Asian	98,000	88,000	83,000	5,000	3,000	7,000	4,000	3,000
Black	21,000	18,000	17,000	1,000	1,000	1,000	1,000	*
Hispanic	20,000	18,000	16,000	2,000	*	2,000	1,000	1,000
White	508,000	436,000	387,000	49,000	9,000	63,000	51,000	12,000
Other	7,000	7,000	6,000	1,000	*	1,000	*	*
Biological/agricultural/environmental life sciences	221,000	191,000	178,000	12,000	6,000	25,000	19,000	6,000
American Indian/Alaska Native	*	*	*	S	S	S	S	S
Asian	42,000	38,000	37,000	1,000	2,000	2,000	1,000	1,000
Black	6,000	5,000	5,000	*	1,000	1,000	1,000	*
Hispanic	8,000	7,000	7,000	*	*	*	*	*
White	162,000	138,000	128,000	10,000	3,000	21,000	16,000	5,000
Other	3,000	3,000	2,000	*	S	*	S	*
Agricultural/food sciences	23,000	19,000	18,000	1,000	*	3,000	3,000	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	4,000	4,000	3,000	*	S	*	S	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	*	*	S
White	17,000	14,000	13,000	1,000	*	3,000	3,000	*
Other	*	*	*	S	S	S	S	S
Biological sciences	191,000	165,000	154,000	11,000	5,000	20,000	15,000	6,000

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
American Indian/Alaska Native	*	*	*	S	S	S	S	S
Asian	38,000	34,000	33,000	1,000	2,000	2,000	1,000	1,000
Black	6,000	4,000	4,000	*	1,000	1,000	1,000	*
Hispanic	6,000	6,000	5,000	*	*	*	*	*
White	139,000	119,000	110,000	9,000	3,000	17,000	13,000	4,000
Other	2,000	2,000	2,000	*	S	*	S	*
Environmental life sciences	7,000	6,000	5,000	*	S	1,000	1,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	*	*	S	S	S	S	S
Black	*	*	*	S	S	S	S	S
Hispanic	*	*	*	S	S	S	S	S
White	6,000	5,000	5,000	*	S	1,000	1,000	S
Other	S	S	S	S	S	S	S	S
Computer/mathematical sciences	57,000	51,000	48,000	3,000	1,000	5,000	4,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	13,000	12,000	11,000	1,000	*	1,000	*	*
Black	3,000	3,000	3,000	*	S	*	*	S
Hispanic	2,000	1,000	1,000	*	S	S	S	S
White	40,000	34,000	32,000	2,000	1,000	4,000	3,000	1,000
Other	*	*	*	S	S	S	S	S
Computer/information sciences	18,000	17,000	16,000	1,000	*	*	*	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	6,000	5,000	5,000	*	S	*	S	*
Black	1,000	1,000	*	*	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	11,000	10,000	10,000	1,000	*	*	S	*
Other	*	*	*	S	S	S	S	S
Mathematical sciences	39,000	34,000	32,000	2,000	1,000	5,000	4,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	7,000	6,000	6,000	*	S	*	*	S
Black	3,000	3,000	3,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	*	S	S	S	S
White	29,000	24,000	22,000	2,000	1,000	4,000	3,000	1,000
Other	*	*	*	S	S	S	S	S
Physical/related sciences	167,000	141,000	131,000	9,000	4,000	22,000	19,000	3,000
American Indian/Alaska Native	*	*	*	S	S	S	S	S
Asian	31,000	27,000	26,000	1,000	1,000	2,000	2,000	1,000
Black	2,000	2,000	2,000	*	*	S	S	S
Hispanic	3,000	3,000	3,000	*	*	*	*	S

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Asian	4,000	3,000	3,000	*	*	1,000	*	S
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	*	S	S
White	22,000	19,000	17,000	2,000	*	3,000	2,000	*
Other	*	*	*	S	S	S	S	S
Political/related sciences	24,000	21,000	18,000	2,000	*	3,000	2,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	1,000	1,000	S	S	1,000	*	S
Black	2,000	2,000	2,000	*	S	*	*	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	19,000	17,000	15,000	2,000	*	2,000	2,000	*
Other	*	*	*	S	S	S	S	S
Psychology	108,000	96,000	75,000	22,000	2,000	10,000	6,000	3,000
American Indian/Alaska Native	*	*	*	S	S	S	S	S
Asian	3,000	3,000	3,000	1,000	S	*	S	*
Black	4,000	4,000	3,000	*	S	*	S	S
Hispanic	4,000	3,000	2,000	1,000	S	1,000	S	1,000
White	95,000	85,000	65,000	20,000	2,000	9,000	6,000	3,000
Other	1,000	1,000	1,000	*	S	*	S	S
Sociology/anthropology	31,000	27,000	23,000	4,000	1,000	3,000	3,000	1,000
American Indian/Alaska Native	*	*	*	S	S	S	S	S
Asian	1,000	1,000	1,000	*	S	*	S	*
Black	1,000	1,000	1,000	*	S	*	*	S
Hispanic	1,000	1,000	1,000	*	S	*	S	S
White	26,000	22,000	19,000	3,000	1,000	3,000	3,000	*
Other	*	*	*	S	S	S	S	S
Other social sciences	21,000	18,000	16,000	2,000	*	2,000	2,000	1,000
American Indian/Alaska Native	*	*	*	S	S	S	S	S
Asian	3,000	3,000	2,000	1,000	S	*	S	S
Black	1,000	1,000	1,000	*	S	*	*	S
Hispanic	1,000	1,000	1,000	*	S	S	S	S
White	16,000	13,000	12,000	1,000	*	2,000	2,000	1,000
Other	*	*	*	S	S	S	S	S
Engineering	140,000	122,000	115,000	7,000	4,000	14,000	11,000	2,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	45,000	41,000	40,000	1,000	2,000	2,000	2,000	1,000
Black	2,000	2,000	2,000	*	*	S	S	S
Hispanic	3,000	3,000	3,000	*	S	*	S	*
White	88,000	75,000	69,000	6,000	2,000	11,000	9,000	2,000

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Other	1,000	1,000	1,000	S	S	S	S	S
Aerospace/related engineering	7,000	6,000	6,000	1,000	S	1,000	1,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	2,000	2,000	2,000	S	S	S	S	S
Black	*	*	*	S	S	S	S	S
Hispanic	*	*	*	S	S	S	S	S
White	4,000	4,000	3,000	*	S	1,000	1,000	S
Other	S	S	S	S	S	S	S	S
Chemical engineering	19,000	16,000	15,000	1,000	1,000	2,000	2,000	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	6,000	5,000	5,000	*	*	1,000	*	S
Black	*	*	*	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	12,000	10,000	9,000	1,000	*	2,000	2,000	*
Other	*	*	*	S	S	S	S	S
Civil/architectural engineering	12,000	11,000	10,000	1,000	*	1,000	1,000	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	3,000	3,000	3,000	S	S	*	*	S
Black	*	*	*	S	S	S	S	S
Hispanic	*	*	*	S	S	S	S	S
White	8,000	7,000	6,000	*	S	1,000	1,000	S
Other	*	*	*	S	S	S	S	S
Electrical/computer engineering	41,000	36,000	34,000	2,000	2,000	3,000	2,000	1,000
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	14,000	13,000	13,000	*	1,000	*	*	*
Black	1,000	1,000	1,000	S	S	S	S	S
Hispanic	1,000	1,000	1,000	S	S	S	S	S
White	25,000	21,000	20,000	1,000	1,000	3,000	2,000	*
Other	*	*	*	S	S	S	S	S
Industrial engineering	4,000	4,000	4,000	S	S	*	S	S
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	1,000	1,000	1,000	S	S	S	S	S
Black	*	*	*	S	S	S	S	S
Hispanic	*	*	*	S	S	S	S	S
White	2,000	2,000	2,000	S	S	*	S	S
Other	S	S	S	S	S	S	S	S
Mechanical engineering	17,000	15,000	15,000	1,000	1,000	2,000	1,000	*
American Indian/Alaska Native	S	S	S	S	S	S	S	S
Asian	6,000	6,000	6,000	S	*	*	*	S

TABLE 9. U.S. scientists and engineers, by level and field of highest degree, race/ethnicity, and employment status: 2003

Level and field of highest degree and race/ethnicity ^a	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
		Hispanic	S	S		S	S	S
White	1,000	1,000	1,000	S	S	S	S	
Other	S	S	S	S	S	S	S	
Social services/related	19,000	19,000	17,000	1,000	S	S	S	
American Indian/Alaska Native	S	S	S	S	S	S	S	
Asian	1,000	1,000	1,000	S	S	S	S	
Black	3,000	3,000	3,000	S	S	S	S	
Hispanic	S	S	S	S	S	S	S	
White	15,000	15,000	14,000	1,000	S	S	S	
Other	S	S	S	S	S	S	S	
Other non-S&E fields	26,000	21,000	19,000	3,000	S	5,000	3,000	
American Indian/Alaska Native	S	S	S	S	S	S	S	
Asian	2,000	2,000	2,000	S	S	S	S	
Black	1,000	1,000	1,000	S	S	S	S	
Hispanic	1,000	S	S	S	S	S	S	
White	22,000	18,000	15,000	3,000	S	4,000	S	
Other	S	S	S	S	S	S	S	

* = estimate < 500; S = suppressed for reliability or confidentiality.

S&E =Science and engineering.

^a"Other" includes Native Hawaiian/Other Pacific Islander and non-Hispanic respondents reporting 2 or more races.

^bTotal includes professional degrees not broken out separately.

NOTES: Scientists and engineers include any person who has ever received a bachelor's or higher degree in a science or engineering (S&E) or S&E-related field, plus any person holding a non-S&E bachelor's or higher degree who was employed in a S&E or S&E-related occupation in 2003. See <http://sestat.nsf.gov/docs/ed03maj.html> for a detailed description of the educational field classification. Numbers are rounded to the nearest thousand. Detail may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT): 2003.