

TABLE 10. U.S. scientists and engineers, by level and field of highest degree, age, and employment status: 2006

Level and field of highest degree and age (years)	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 <sup>a</sup>	22,630,000	18,927,000	16,051,000	2,876,000	485,000	3,218,000	1,823,000	1,395,000
<30	2,732,000	2,366,000	2,008,000	358,000	79,000	287,000	S	286,000
30-39	5,302,000	4,764,000	4,147,000	618,000	99,000	438,000	9,000	429,000
40-49	5,849,000	5,345,000	4,614,000	731,000	115,000	388,000	28,000	360,000
50-59	5,400,000	4,773,000	4,127,000	646,000	112,000	515,000	277,000	238,000
60+	3,348,000	1,678,000	1,155,000	523,000	80,000	1,590,000	1,508,000	82,000
S&E fields	12,436,000	10,156,000	8,789,000	1,367,000	329,000	1,951,000	1,041,000	909,000
<30	2,127,000	1,811,000	1,525,000	285,000	68,000	249,000	S	249,000
30-39	2,910,000	2,566,000	2,307,000	260,000	68,000	276,000	6,000	270,000
40-49	2,985,000	2,696,000	2,395,000	302,000	72,000	217,000	14,000	203,000
50-59	2,601,000	2,243,000	1,979,000	264,000	71,000	286,000	149,000	137,000
60+	1,812,000	839,000	583,000	256,000	50,000	923,000	872,000	50,000
Sciences	9,537,000	7,719,000	6,520,000	1,199,000	272,000	1,547,000	729,000	817,000
<30	1,776,000	1,487,000	1,227,000	260,000	61,000	227,000	S	227,000
30-39	2,246,000	1,936,000	1,702,000	234,000	57,000	253,000	6,000	247,000
40-49	2,168,000	1,926,000	1,659,000	267,000	59,000	183,000	12,000	172,000
50-59	2,075,000	1,766,000	1,525,000	241,000	60,000	250,000	122,000	127,000
60+	1,272,000	604,000	406,000	198,000	35,000	633,000	589,000	44,000
Biological/agricultural/environmental life sciences	1,933,000	1,555,000	1,332,000	223,000	50,000	327,000	132,000	195,000
<30	392,000	283,000	226,000	58,000	13,000	96,000	S	96,000
30-39	441,000	385,000	341,000	44,000	14,000	42,000	*	42,000
40-49	442,000	402,000	360,000	42,000	9,000	31,000	*	30,000
50-59	414,000	370,000	323,000	47,000	10,000	34,000	13,000	21,000
60+	244,000	115,000	83,000	32,000	5,000	125,000	118,000	7,000
Computer/mathematical sciences	1,864,000	1,586,000	1,425,000	161,000	60,000	219,000	110,000	109,000
<30	308,000	282,000	256,000	25,000	11,000	16,000	S	16,000
30-39	494,000	445,000	411,000	33,000	15,000	35,000	S	34,000
40-49	556,000	505,000	455,000	50,000	19,000	32,000	2,000	30,000
50-59	330,000	275,000	247,000	28,000	10,000	45,000	24,000	21,000
60+	177,000	79,000	56,000	24,000	6,000	92,000	84,000	8,000
Physical/related sciences	859,000	688,000	613,000	75,000	23,000	148,000	102,000	45,000
<30	97,000	82,000	69,000	13,000	3,000	12,000	S	12,000
30-39	154,000	140,000	131,000	9,000	3,000	12,000	*	11,000
40-49	220,000	206,000	190,000	16,000	4,000	10,000	1,000	9,000
50-59	203,000	177,000	161,000	16,000	8,000	18,000	9,000	9,000
60+	185,000	83,000	63,000	21,000	6,000	96,000	92,000	4,000
Social/related sciences	4,880,000	3,890,000	3,149,000	741,000	138,000	853,000	385,000	468,000
<30	979,000	840,000	676,000	165,000	34,000	104,000	S	104,000
30-39	1,157,000	966,000	819,000	147,000	26,000	165,000	5,000	160,000

TABLE 10. U.S. scientists and engineers, by level and field of highest degree, age, and employment status: 2006

Level and field of highest degree and age (years)	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
40-49	950,000	813,000	655,000	158,000	27,000	111,000	9,000	102,000
50-59	1,128,000	944,000	794,000	150,000	32,000	153,000	76,000	76,000
60+	666,000	326,000	205,000	121,000	19,000	320,000	296,000	25,000
Engineering	2,899,000	2,437,000	2,269,000	168,000	57,000	404,000	312,000	92,000
<30	351,000	324,000	299,000	25,000	7,000	21,000	S	21,000
30-39	664,000	630,000	604,000	26,000	11,000	23,000	1,000	22,000
40-49	817,000	770,000	735,000	35,000	13,000	34,000	2,000	32,000
50-59	526,000	478,000	454,000	24,000	12,000	36,000	27,000	10,000
60+	540,000	235,000	176,000	59,000	15,000	290,000	283,000	7,000
S&E-related fields	5,389,000	4,587,000	3,617,000	970,000	64,000	737,000	424,000	314,000
<30	390,000	356,000	297,000	59,000	4,000	31,000	S	31,000
30-39	1,257,000	1,145,000	908,000	237,000	13,000	99,000	S	97,000
40-49	1,546,000	1,418,000	1,111,000	308,000	19,000	109,000	11,000	98,000
50-59	1,394,000	1,252,000	1,024,000	228,000	17,000	125,000	58,000	67,000
60+	802,000	416,000	277,000	139,000	12,000	374,000	353,000	21,000
Non-S&E fields	4,805,000	4,184,000	3,645,000	539,000	91,000	530,000	358,000	172,000
<30	215,000	200,000	186,000	14,000	8,000	7,000	S	7,000
30-39	1,134,000	1,053,000	932,000	121,000	18,000	63,000	S	62,000
40-49	1,318,000	1,231,000	1,109,000	122,000	24,000	63,000	4,000	59,000
50-59	1,405,000	1,277,000	1,123,000	154,000	24,000	104,000	70,000	34,000
60+	734,000	423,000	295,000	128,000	18,000	293,000	283,000	10,000
Bachelor's degrees	13,228,000	10,886,000	9,193,000	1,692,000	322,000	2,020,000	992,000	1,029,000
<30	2,140,000	1,820,000	1,523,000	297,000	67,000	253,000	S	253,000
30-39	3,174,000	2,798,000	2,425,000	373,000	63,000	314,000	6,000	308,000
40-49	3,397,000	3,065,000	2,598,000	466,000	73,000	260,000	18,000	242,000
50-59	2,878,000	2,474,000	2,137,000	338,000	74,000	330,000	156,000	174,000
60+	1,639,000	729,000	511,000	218,000	45,000	864,000	812,000	52,000
S&E fields	9,173,000	7,415,000	6,412,000	1,004,000	264,000	1,493,000	717,000	777,000
<30	1,878,000	1,587,000	1,332,000	255,000	62,000	229,000	S	229,000
30-39	2,190,000	1,908,000	1,715,000	193,000	54,000	228,000	3,000	225,000
40-49	2,151,000	1,917,000	1,690,000	227,000	54,000	180,000	9,000	171,000
50-59	1,807,000	1,520,000	1,339,000	181,000	58,000	228,000	112,000	116,000
60+	1,148,000	484,000	336,000	148,000	36,000	628,000	592,000	36,000
Sciences	7,098,000	5,680,000	4,795,000	885,000	224,000	1,194,000	482,000	712,000
<30	1,608,000	1,336,000	1,099,000	237,000	58,000	215,000	S	215,000
30-39	1,719,000	1,460,000	1,285,000	174,000	46,000	213,000	3,000	210,000
40-49	1,565,000	1,369,000	1,167,000	202,000	44,000	153,000	8,000	145,000
50-59	1,439,000	1,190,000	1,023,000	167,000	49,000	200,000	91,000	108,000
60+	766,000	326,000	221,000	105,000	27,000	413,000	380,000	33,000

TABLE 10. U.S. scientists and engineers, by level and field of highest degree, age, and employment status: 2006

Level and field of highest degree and age (years)	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Biological/agricultural/environmental life sciences	1,448,000	1,151,000	972,000	178,000	41,000	256,000	80,000	176,000
<30	365,000	261,000	205,000	55,000	12,000	92,000	S	92,000
30-39	327,000	281,000	248,000	33,000	10,000	36,000	S	36,000
40-49	314,000	281,000	248,000	33,000	8,000	26,000	S	25,000
50-59	296,000	263,000	225,000	37,000	8,000	26,000	8,000	18,000
60+	146,000	66,000	46,000	20,000	3,000	77,000	72,000	5,000
Computer/mathematical sciences	1,327,000	1,123,000	1,007,000	115,000	45,000	159,000	71,000	88,000
<30	261,000	238,000	218,000	20,000	10,000	13,000	S	13,000
30-39	352,000	317,000	295,000	22,000	10,000	25,000	S	25,000
40-49	395,000	355,000	315,000	40,000	13,000	27,000	S	26,000
50-59	210,000	168,000	149,000	19,000	8,000	34,000	16,000	18,000
60+	108,000	44,000	30,000	14,000	3,000	60,000	54,000	6,000
Physical/related sciences	538,000	419,000	375,000	44,000	17,000	102,000	66,000	35,000
<30	81,000	68,000	57,000	11,000	3,000	10,000	S	10,000
30-39	96,000	86,000	80,000	6,000	2,000	8,000	S	7,000
40-49	135,000	126,000	115,000	11,000	1,000	7,000	S	7,000
50-59	125,000	102,000	95,000	8,000	7,000	15,000	8,000	7,000
60+	101,000	36,000	28,000	8,000	4,000	61,000	58,000	S
Social/related sciences	3,786,000	2,988,000	2,441,000	547,000	121,000	677,000	265,000	412,000
<30	901,000	769,000	619,000	150,000	33,000	99,000	S	99,000
30-39	944,000	775,000	662,000	113,000	23,000	145,000	S	142,000
40-49	722,000	606,000	489,000	118,000	22,000	93,000	7,000	87,000
50-59	809,000	657,000	555,000	102,000	26,000	125,000	60,000	65,000
60+	411,000	180,000	116,000	64,000	17,000	214,000	196,000	19,000
Engineering	2,075,000	1,735,000	1,617,000	119,000	40,000	300,000	234,000	65,000
<30	270,000	251,000	233,000	18,000	5,000	14,000	S	14,000
30-39	471,000	448,000	430,000	18,000	8,000	15,000	S	14,000
40-49	586,000	548,000	523,000	25,000	10,000	27,000	1,000	26,000
50-59	368,000	330,000	316,000	15,000	9,000	28,000	20,000	8,000
60+	382,000	158,000	116,000	42,000	9,000	215,000	213,000	3,000
S&E-related fields	2,890,000	2,399,000	1,841,000	557,000	37,000	455,000	234,000	221,000
<30	234,000	207,000	168,000	40,000	3,000	24,000	S	24,000
30-39	678,000	598,000	457,000	141,000	7,000	73,000	S	72,000
40-49	871,000	789,000	585,000	203,000	13,000	70,000	7,000	62,000
50-59	725,000	634,000	515,000	119,000	8,000	82,000	33,000	49,000
60+	382,000	170,000	116,000	54,000	6,000	206,000	192,000	14,000
Non-S&E fields	1,165,000	1,071,000	940,000	131,000	21,000	72,000	41,000	30,000
<30	28,000	26,000	24,000	S	S	S	S	S
30-39	307,000	292,000	253,000	39,000	2,000	12,000	S	11,000

TABLE 10. U.S. scientists and engineers, by level and field of highest degree, age, and employment status: 2006

Level and field of highest degree and age (years)	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
40-49	375,000	359,000	323,000	36,000	6,000	10,000	S	8,000
50-59	347,000	319,000	282,000	37,000	7,000	20,000	11,000	9,000
60+	108,000	75,000	59,000	16,000	4,000	29,000	27,000	S
Master's degrees	6,411,000	5,384,000	4,574,000	810,000	129,000	898,000	594,000	305,000
<30	455,000	417,000	362,000	55,000	8,000	29,000	S	29,000
30-39	1,486,000	1,350,000	1,176,000	173,000	29,000	107,000	S	105,000
40-49	1,652,000	1,510,000	1,340,000	171,000	37,000	104,000	8,000	96,000
50-59	1,713,000	1,543,000	1,332,000	212,000	26,000	144,000	91,000	52,000
60+	1,105,000	563,000	364,000	199,000	28,000	514,000	493,000	22,000
S&E fields	2,438,000	2,022,000	1,737,000	285,000	51,000	364,000	246,000	118,000
<30	231,000	206,000	177,000	30,000	5,000	19,000	S	19,000
30-39	554,000	501,000	444,000	56,000	11,000	43,000	S	41,000
40-49	611,000	565,000	506,000	59,000	15,000	31,000	3,000	28,000
50-59	582,000	524,000	461,000	63,000	9,000	49,000	31,000	18,000
60+	460,000	227,000	149,000	78,000	12,000	221,000	209,000	12,000
Sciences	1,758,000	1,447,000	1,203,000	244,000	36,000	275,000	181,000	94,000
<30	153,000	138,000	115,000	23,000	3,000	12,000	S	12,000
30-39	393,000	350,000	300,000	50,000	8,000	36,000	S	34,000
40-49	422,000	384,000	334,000	51,000	12,000	26,000	3,000	23,000
50-59	452,000	404,000	349,000	55,000	7,000	42,000	26,000	16,000
60+	337,000	171,000	105,000	67,000	6,000	159,000	151,000	9,000
Biological/agricultural/environmental life sciences	263,000	210,000	180,000	30,000	5,000	48,000	33,000	15,000
<30	22,000	18,000	16,000	2,000	1,000	3,000	S	3,000
30-39	62,000	57,000	48,000	9,000	1,000	4,000	S	4,000
40-49	63,000	58,000	52,000	7,000	*	4,000	S	4,000
50-59	63,000	55,000	50,000	5,000	1,000	6,000	4,000	2,000
60+	53,000	22,000	15,000	7,000	S	30,000	28,000	S
Computer/mathematical sciences	481,000	411,000	370,000	41,000	15,000	55,000	34,000	20,000
<30	44,000	41,000	36,000	5,000	1,000	2,000	S	2,000
30-39	127,000	113,000	103,000	10,000	4,000	10,000	S	10,000
40-49	145,000	135,000	125,000	10,000	6,000	5,000	S	4,000
50-59	108,000	96,000	87,000	8,000	2,000	11,000	8,000	3,000
60+	55,000	26,000	18,000	8,000	2,000	27,000	26,000	S
Physical/related sciences	157,000	132,000	110,000	21,000	3,000	23,000	16,000	7,000
<30	12,000	11,000	9,000	2,000	S	2,000	S	2,000
30-39	28,000	24,000	22,000	2,000	S	4,000	S	4,000
40-49	39,000	37,000	33,000	3,000	S	1,000	S	1,000
50-59	41,000	39,000	33,000	6,000	S	1,000	S	S
60+	37,000	21,000	12,000	8,000	1,000	15,000	15,000	S

TABLE 10. U.S. scientists and engineers, by level and field of highest degree, age, and employment status: 2006

Level and field of highest degree and age (years)	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Social/related sciences	858,000	694,000	543,000	151,000	14,000	150,000	99,000	51,000
<30	74,000	68,000	54,000	14,000	1,000	5,000	S	5,000
30-39	176,000	155,000	127,000	28,000	3,000	18,000	S	16,000
40-49	175,000	154,000	124,000	31,000	4,000	16,000	S	14,000
50-59	241,000	214,000	179,000	35,000	3,000	23,000	13,000	10,000
60+	192,000	102,000	59,000	44,000	2,000	87,000	82,000	5,000
Engineering	679,000	575,000	534,000	41,000	15,000	89,000	64,000	25,000
<30	77,000	69,000	62,000	7,000	2,000	7,000	S	7,000
30-39	161,000	151,000	144,000	7,000	3,000	8,000	S	8,000
40-49	189,000	181,000	172,000	8,000	3,000	5,000	S	5,000
50-59	129,000	120,000	112,000	8,000	2,000	8,000	6,000	2,000
60+	123,000	55,000	44,000	11,000	6,000	62,000	59,000	3,000
S&E-related fields	1,193,000	1,012,000	802,000	210,000	19,000	162,000	94,000	67,000
<30	97,000	91,000	76,000	15,000	1,000	5,000	S	5,000
30-39	293,000	270,000	220,000	50,000	4,000	20,000	S	20,000
40-49	312,000	279,000	227,000	52,000	5,000	28,000	S	26,000
50-59	319,000	286,000	231,000	55,000	6,000	28,000	17,000	11,000
60+	171,000	87,000	48,000	39,000	3,000	81,000	76,000	5,000
Non-S&E fields	2,781,000	2,350,000	2,035,000	315,000	59,000	372,000	254,000	119,000
<30	127,000	120,000	109,000	11,000	3,000	5,000	S	5,000
30-39	638,000	579,000	513,000	67,000	15,000	44,000	S	44,000
40-49	728,000	667,000	607,000	60,000	17,000	44,000	S	42,000
50-59	812,000	734,000	640,000	94,000	11,000	67,000	43,000	24,000
60+	475,000	250,000	167,000	83,000	13,000	212,000	208,000	4,000
Doctorate degrees	1,018,000	883,000	787,000	96,000	14,000	121,000	103,000	18,000
<30	21,000	21,000	20,000	1,000	*	*	S	*
30-39	194,000	185,000	173,000	12,000	4,000	5,000	1,000	4,000
40-49	263,000	253,000	236,000	17,000	3,000	8,000	1,000	7,000
50-59	278,000	260,000	234,000	26,000	4,000	14,000	11,000	3,000
60+	261,000	165,000	124,000	41,000	3,000	94,000	90,000	3,000
S&E fields	802,000	699,000	628,000	71,000	12,000	91,000	77,000	14,000
<30	18,000	18,000	17,000	1,000	*	*	S	*
30-39	165,000	157,000	147,000	10,000	4,000	5,000	1,000	4,000
40-49	218,000	210,000	196,000	14,000	3,000	5,000	1,000	4,000
50-59	202,000	191,000	173,000	18,000	3,000	8,000	5,000	3,000
60+	200,000	124,000	96,000	29,000	3,000	73,000	70,000	2,000
Sciences	659,000	573,000	510,000	62,000	11,000	76,000	64,000	11,000
<30	14,000	13,000	13,000	1,000	S	*	S	*
30-39	132,000	125,000	116,000	9,000	3,000	4,000	1,000	3,000

TABLE 10. U.S. scientists and engineers, by level and field of highest degree, age, and employment status: 2006

Level and field of highest degree and age (years)	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
40-49	175,000	168,000	156,000	12,000	2,000	5,000	1,000	4,000
50-59	173,000	164,000	146,000	17,000	2,000	7,000	4,000	3,000
60+	165,000	102,000	79,000	23,000	2,000	60,000	58,000	2,000
Biological/agricultural/environmental life sciences	223,000	195,000	180,000	15,000	5,000	23,000	19,000	4,000
<30	5,000	5,000	5,000	S	S	S	S	S
30-39	52,000	48,000	45,000	2,000	2,000	2,000	*	1,000
40-49	65,000	63,000	60,000	3,000	1,000	1,000	*	1,000
50-59	55,000	53,000	49,000	4,000	1,000	2,000	1,000	1,000
60+	46,000	27,000	22,000	5,000	1,000	18,000	17,000	*
Computer/mathematical sciences	57,000	52,000	48,000	4,000	*	5,000	5,000	*
<30	3,000	3,000	3,000	S	S	S	S	S
30-39	14,000	14,000	13,000	1,000	S	*	S	*
40-49	16,000	15,000	14,000	1,000	S	*	*	*
50-59	12,000	12,000	11,000	1,000	S	*	*	S
60+	13,000	9,000	7,000	1,000	*	4,000	4,000	S
Physical/related sciences	164,000	137,000	128,000	9,000	3,000	23,000	21,000	3,000
<30	3,000	3,000	3,000	S	S	S	S	S
30-39	30,000	29,000	29,000	1,000	*	1,000	*	*
40-49	46,000	43,000	42,000	2,000	1,000	2,000	*	1,000
50-59	37,000	35,000	33,000	2,000	1,000	1,000	1,000	*
60+	48,000	27,000	22,000	5,000	1,000	20,000	19,000	1,000
Social/related sciences	214,000	188,000	154,000	34,000	2,000	24,000	19,000	4,000
<30	3,000	3,000	2,000	1,000	S	S	S	S
30-39	36,000	34,000	29,000	5,000	*	1,000	*	1,000
40-49	48,000	47,000	40,000	7,000	*	1,000	*	1,000
50-59	68,000	64,000	54,000	10,000	1,000	3,000	2,000	1,000
60+	59,000	40,000	29,000	11,000	1,000	18,000	17,000	1,000
Engineering	144,000	127,000	118,000	9,000	2,000	15,000	13,000	2,000
<30	4,000	4,000	4,000	S	S	S	S	S
30-39	32,000	31,000	31,000	1,000	*	1,000	*	*
40-49	43,000	41,000	40,000	1,000	*	1,000	*	1,000
50-59	29,000	28,000	27,000	1,000	1,000	1,000	1,000	*
60+	35,000	22,000	16,000	6,000	1,000	13,000	12,000	1,000
S&E-related fields	65,000	57,000	49,000	7,000	*	8,000	8,000	1,000
<30	2,000	2,000	2,000	S	S	S	S	S
30-39	11,000	10,000	9,000	1,000	S	*	S	*
40-49	16,000	16,000	15,000	1,000	S	*	S	*
50-59	23,000	21,000	18,000	3,000	*	2,000	1,000	*
60+	14,000	8,000	5,000	2,000	S	6,000	6,000	*

TABLE 10. U.S. scientists and engineers, by level and field of highest degree, age, and employment status: 2006

Level and field of highest degree and age (years)	All scientists and engineers	Employed			Unemployed/ seeking job	Not in labor force		
		Total	Full time	Part time		Total	Retired	Not seeking job
Non-S&E fields	150,000	127,000	110,000	18,000	S	22,000	19,000	3,000
<30	1,000	1,000	1,000	S	S	S	S	S
30-39	18,000	18,000	17,000	S	S	S	S	S
40-49	30,000	28,000	25,000	2,000	S	S	S	S
50-59	53,000	48,000	43,000	5,000	S	4,000	4,000	S
60+	48,000	33,000	23,000	10,000	S	15,000	14,000	S

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

S&E = science and engineering.

<sup>a</sup> Total 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 through 2005, 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): 2006.