

Table D-6. U.S. scientists and engineers, by highest degree attained, broad occupation, years since degree, and employment status: 1997

Highest degree, occupation, and years since degree	S&Es, total	Employed			Unemploy- ed/seeking job	Not in labor force		
		Total	Full-time	Part-time		Total	Retired	Not seeking job
All degree levels¹								
All occupations, total²	12,512,000	10,585,600	9,476,700	1,109,000	191,900	1,734,600	1,005,100	729,500
<5 years	2,130,200	1,892,900	1,675,900	217,100	44,500	192,700	4,800	187,900
5-9 years	1,887,700	1,742,500	1,599,400	143,100	24,800	120,300	13,200	107,200
10-14 years	1,886,100	1,726,000	1,575,100	150,900	25,500	134,600	22,800	111,800
15-19 years	1,784,200	1,616,600	1,464,600	152,000	22,600	145,000	40,800	104,200
20-24 years	1,715,800	1,548,200	1,407,600	140,700	26,300	141,300	65,500	75,800
25-29 years	1,192,000	1,033,900	940,000	93,900	16,900	141,200	90,800	50,400
30-34 years	675,000	523,600	465,300	58,400	13,700	137,700	104,700	32,900
35+ years	1,241,100	501,800	348,900	152,900	17,500	721,800	662,400	59,400
S&E occupations, total	3,899,000	3,369,400	3,105,000	264,400	52,900	476,600	334,300	142,300
<5 years	732,600	679,300	606,000	73,300	12,100	41,200	900	40,400
5-9 years	659,400	624,800	584,600	40,100	5,400	29,200	3,200	26,000
10-14 years	644,900	610,300	577,700	32,600	6,400	28,100	4,700	23,400
15-19 years	531,300	499,400	469,700	29,700	6,400	25,600	8,100	17,500
20-24 years	425,700	391,500	368,800	22,700	6,600	27,700	13,100	14,500
25-29 years	310,900	275,600	258,700	16,900	3,900	31,400	24,000	7,300
30-34 years	197,100	152,300	140,000	12,200	3,900	41,000	36,800	4,200
35+ years	397,000	136,200	99,400	36,800	8,300	252,500	243,600	8,900
Scientists, total	2,261,500	1,995,100	1,791,000	204,000	30,000	236,400	126,000	110,500
<5 years	470,700	428,100	365,600	62,500	7,600	35,100	800	34,300
5-9 years	408,700	383,000	348,400	34,600	4,100	21,600	1,900	19,700
10-14 years	388,300	363,400	338,300	25,100	4,000	20,800	3,500	17,400
15-19 years	316,100	292,600	267,000	25,600	4,100	19,300	5,400	14,000
20-24 years	263,100	239,300	221,200	18,100	3,600	20,100	7,000	13,200
25-29 years	174,600	156,700	144,200	12,600	1,600	16,300	12,000	4,300
30-34 years	101,800	76,800	69,800	7,000	2,100	22,900	20,000	2,900
35+ years	138,200	55,100	36,600	18,500	2,800	80,300	75,500	4,800
Computer/math scientists, total	1,129,700	1,039,500	974,400	65,100	14,600	75,700	40,000	35,700
<5 years	198,100	190,400	176,700	13,600	2,100	5,600	600	4,900
5-9 years	218,000	211,700	200,400	11,300	1,600	4,800	400	4,300
10-14 years	232,700	220,000	211,900	8,000	2,400	10,400	1,900	8,500
15-19 years	170,100	156,800	147,100	9,600	2,400	11,000	3,200	7,800
20-24 years	136,400	125,100	117,500	7,600	2,600	8,700	3,400	5,300
25-29 years	88,000	81,700	75,600	6,000	700	5,700	4,500	1,100
30-34 years	47,000	35,300	33,000	2,200	1,400	10,300	8,000	2,300
35+ years	39,300	18,600	12,000	6,700	1,400	19,300	17,900	1,400
Life/related scientists, total ..	387,300	321,800	292,700	29,000	7,400	58,100	26,700	31,400
<5 years	91,400	73,100	63,500	9,700	3,100	15,200	S	15,200
5-9 years	71,900	62,900	56,500	6,400	1,500	7,400	700	6,800
10-14 years	49,000	45,300	42,000	3,300	500	3,100	300	2,800
15-19 years	49,600	46,600	43,500	3,100	700	2,300	400	2,000
20-24 years	43,800	40,100	38,800	1,300	200	3,500	800	2,700
25-29 years	30,300	25,900	24,600	1,300	500	3,900	2,800	1,100
30-34 years	20,800	15,700	14,700	1,000	200	4,900	4,700	100
35+ years	30,600	12,200	9,100	3,100	600	17,800	17,000	700

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

Table D-6. U.S. scientists and engineers, by highest degree attained, broad occupation, years since degree, and employment status: 1997

Highest degree, occupation, and years since degree	S&Es, total	Employed			Unemploy- ed/seeking job	Not in labor force		
		Total	Full-time	Part-time		Total	Retired	Not seeking job
All degree levels¹ — continued								
Physical/related scientists, total	343,500	284,900	259,500	25,300	4,600	54,100	37,000	17,200
<5 years	68,800	62,600	53,100	9,500	900	5,200	S	5,200
5-9 years	55,700	52,300	49,200	3,100	400	3,000	S	3,000
10-14 years	47,000	43,500	41,500	2,000	800	2,700	S	2,700
15-19 years	42,300	39,000	37,900	1,100	800	2,400	400	2,000
20-24 years	31,900	29,500	27,700	1,800	500	1,900	700	1,200
25-29 years	30,100	26,900	25,900	1,000	300	2,900	2,100	800
30-34 years	19,600	14,700	13,300	1,500	400	4,400	4,200	200
35+ years	48,300	16,200	10,900	5,300	500	31,600	29,600	2,000
Social/related scientists, total	401,000	349,000	264,400	84,500	3,500	48,500	22,300	26,200
<5 years	112,500	101,900	72,300	29,700	1,500	9,100	100	9,000
5-9 years	63,200	56,100	42,200	13,900	700	6,400	800	5,600
10-14 years	59,600	54,600	42,800	11,800	300	4,600	1,300	3,300
15-19 years	54,100	50,300	38,500	11,800	200	3,600	1,400	2,200
20-24 years	51,000	44,600	37,200	7,400	300	6,000	2,000	4,000
25-29 years	26,200	22,200	17,900	4,300	100	3,800	2,600	1,200
30-34 years	14,400	11,100	8,800	2,300	S	3,300	3,000	300
35+ years	20,000	8,000	4,700	3,400	400	11,600	10,900	600
Engineers, total	1,637,500	1,374,400	1,314,000	60,400	22,900	240,200	208,400	31,800
<5 years	261,900	251,200	240,400	10,900	4,500	6,200	100	6,100
5-9 years	250,700	241,800	236,300	5,500	1,300	7,600	1,200	6,400
10-14 years	256,600	246,900	239,400	7,500	2,400	7,300	1,200	6,100
15-19 years	215,200	206,800	202,700	4,100	2,200	6,200	2,700	3,500
20-24 years	162,600	152,200	147,600	4,600	2,900	7,500	6,200	1,400
25-29 years	136,300	118,800	114,600	4,300	2,300	15,100	12,000	3,000
30-34 years	95,400	75,500	70,200	5,300	1,800	18,100	16,800	1,300
35+ years	258,800	81,200	62,800	18,400	5,400	172,200	168,100	4,100
Non-S&E occupations, total	8,613,100	7,216,200	6,371,600	844,600	138,900	1,257,900	670,700	587,200
<5 years	1,397,600	1,213,600	1,069,900	143,800	32,500	151,500	3,900	147,500
5-9 years	1,228,300	1,117,700	1,014,700	103,000	19,400	91,100	10,000	81,100
10-14 years	1,241,200	1,115,700	997,400	118,300	19,100	106,500	18,100	88,300
15-19 years	1,252,800	1,117,200	994,900	122,300	16,200	119,400	32,800	86,700
20-24 years	1,290,000	1,156,700	1,038,700	118,000	19,700	113,600	52,400	61,200
25-29 years	881,100	758,300	681,300	77,100	12,900	109,800	66,700	43,100
30-34 years	477,900	371,400	325,200	46,100	9,800	96,700	68,000	28,700
35+ years	844,100	365,500	249,500	116,000	9,300	469,300	418,800	50,500
Managers/administrators	2,321,300	2,019,900	1,941,100	78,800	29,100	272,300	212,000	60,300
<5 years	201,800	189,500	184,600	4,900	2,900	9,400	1,900	7,400
5-9 years	272,000	257,900	250,500	7,400	4,300	9,700	1,800	7,900
10-14 years	351,100	329,400	318,600	10,800	3,200	18,400	6,100	12,300
15-19 years	383,900	353,000	341,400	11,700	5,300	25,600	11,300	14,300
20-24 years	417,800	390,100	380,000	10,100	7,200	20,500	13,800	6,800
25-29 years	285,500	258,700	250,700	8,000	2,500	24,400	17,500	6,900
30-34 years	159,300	130,200	125,000	5,100	3,200	25,900	23,700	2,200
35+ years	250,000	111,100	90,400	20,800	400	138,400	135,900	2,500

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

Table D-6. U.S. scientists and engineers, by highest degree attained, broad occupation, years since degree, and employment status: 1997

Highest degree, occupation, and years since degree	S&Es, total	Employed			Unemploy- ed/seeking job	Not in labor force		
		Total	Full-time	Part-time		Total	Retired	Not seeking job
All degree levels¹ — continued								
Other non-S&E occupations ..	6,291,800	5,196,300	4,430,500	765,700	109,800	985,700	458,800	526,900
<5 years	1,195,800	1,024,100	885,300	138,800	29,600	142,100	2,000	140,100
5-9 years	956,300	859,800	764,200	95,600	15,100	81,400	8,200	73,200
10-14 years	890,200	786,300	678,800	107,400	15,900	88,100	12,000	76,000
15-19 years	868,900	764,200	653,500	110,700	10,900	93,900	21,500	72,400
20-24 years	872,200	766,600	658,800	107,800	12,600	93,100	38,600	54,500
25-29 years	595,600	499,700	430,600	69,100	10,500	85,400	49,200	36,200
30-34 years	318,600	241,200	200,200	41,000	6,600	70,800	44,300	26,500
35+ years	594,100	254,400	159,100	95,300	8,800	330,900	282,900	47,900
Bachelor's								
All occupations, total²	7,456,800	6,193,700	5,545,400	648,300	123,600	1,139,500	604,800	534,700
<5 years	1,300,800	1,117,100	976,500	140,600	31,000	152,700	2,400	150,400
5-9 years	1,079,000	990,900	915,800	75,100	14,500	73,600	4,000	69,600
10-14 years	1,076,200	975,500	897,600	77,900	15,300	85,400	8,800	76,600
15-19 years	998,100	900,100	819,500	80,700	14,000	84,000	14,000	70,000
20-24 years	976,600	889,500	805,000	84,500	15,400	71,700	18,700	53,000
25-29 years	699,400	628,000	578,000	50,000	11,300	60,100	23,100	36,900
30-34 years	410,900	332,700	299,700	33,000	8,400	69,700	43,200	26,500
35+ years	915,800	359,800	253,300	106,500	13,600	542,400	490,700	51,700
S&E occupations, total	2,252,100	1,916,800	1,794,800	122,000	31,800	303,500	214,100	89,400
<5 years	376,000	344,100	306,100	37,900	6,000	25,900	300	25,700
5-9 years	366,300	347,800	330,900	16,900	2,900	15,600	1,500	14,100
10-14 years	395,800	376,200	362,900	13,300	3,400	16,200	1,400	14,800
15-19 years	315,000	295,300	284,600	10,600	4,600	15,100	2,700	12,500
20-24 years	232,500	215,000	206,400	8,600	4,200	13,400	4,800	8,600
25-29 years	165,600	152,500	147,200	5,300	2,200	10,900	6,500	4,300
30-34 years	111,100	89,700	85,300	4,400	2,000	19,400	16,700	2,700
35+ years	289,700	96,200	71,300	25,000	6,600	186,900	180,100	6,800
Scientists, total	1,135,500	1,000,200	915,400	84,800	16,700	118,600	52,300	66,300
<5 years	226,400	200,400	169,000	31,400	3,300	22,600	200	22,400
5-9 years	210,000	197,200	183,000	14,200	2,200	10,600	700	9,900
10-14 years	212,100	199,200	190,200	9,000	2,200	10,700	800	9,900
15-19 years	161,500	147,700	138,700	9,000	3,000	10,900	1,200	9,600
20-24 years	130,800	118,100	111,100	6,900	2,600	10,100	2,300	7,800
25-29 years	77,100	73,300	70,000	3,300	600	3,200	1,500	1,700
30-34 years	46,100	36,000	34,700	1,300	1,000	9,000	7,100	2,000
35+ years	71,600	28,300	18,700	9,600	1,800	41,500	38,500	3,000
Computer/math scientists, total	731,900	675,300	639,100	36,200	10,500	46,000	21,000	25,000
<5 years	106,400	102,700	95,900	6,700	1,400	2,300	200	2,100
5-9 years	135,600	132,100	125,300	6,800	1,100	2,300	200	2,200
10-14 years	167,700	159,300	154,200	5,100	1,800	6,600	600	6,000
15-19 years	113,500	104,400	98,500	5,800	1,700	7,300	1,100	6,300
20-24 years	94,900	86,100	81,600	4,500	2,300	6,500	1,800	4,700
25-29 years	54,800	53,400	51,100	2,200	200	1,200	600	600
30-34 years	30,700	24,200	23,300	800	700	5,800	4,000	1,900
35+ years	28,400	13,200	9,100	4,200	1,300	13,900	12,700	1,200

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

Table D-6. U.S. scientists and engineers, by highest degree attained, broad occupation, years since degree, and employment status: 1997

Highest degree, occupation, and years since degree	S&Es, total	Employed			Unemploy- ed/seeking job	Not in labor force		
		Total	Full-time	Part-time		Total	Retired	Not seeking job
Bachelor's — continued								
Life/related scientists, total ..	158,100	125,200	111,400	13,800	3,100	29,900	8,700	21,200
<5 years	45,700	32,700	26,800	5,900	1,000	12,000	S	12,000
5-9 years	32,000	26,300	24,300	2,000	1,000	4,600	S	4,600
10-14 years	16,600	14,900	13,300	1,600	S	1,700	S	1,700
15-19 years	20,000	17,800	16,100	1,700	500	1,700	S	1,700
20-24 years	14,900	14,200	14,000	200	S	700	200	400
25-29 years	9,000	8,100	7,900	200	400	500	400	200
30-34 years	8,500	6,600	6,600	S	200	1,800	1,800	S
35+ years	11,500	4,700	2,500	2,100	S	6,800	6,300	500
Physical/related scientists,								
total	163,300	131,700	118,200	13,500	2,400	29,200	18,800	10,400
<5 years	35,300	31,400	25,300	6,000	500	3,500	S	3,500
5-9 years	27,500	25,900	24,000	1,900	100	1,500	S	1,500
10-14 years	21,500	19,400	18,200	1,200	400	1,800	S	1,800
15-19 years	22,000	19,700	19,500	200	800	1,500	200	1,400
20-24 years	12,900	11,500	10,900	600	300	1,100	300	800
25-29 years	11,200	10,200	9,900	300	S	1,000	500	500
30-34 years	6,200	4,700	4,200	500	100	1,400	1,400	100
35+ years	26,600	8,900	6,200	2,800	300	17,400	16,500	900
Social/related scientists,								
total	82,200	68,000	46,700	21,300	800	13,500	3,700	9,700
<5 years	39,000	33,700	20,900	12,800	500	4,800	S	4,800
5-9 years	15,000	12,900	9,400	3,500	S	2,100	500	1,600
10-14 years	6,300	5,700	4,500	1,200	S	600	300	400
15-19 years	6,100	5,800	4,600	1,200	S	300	S	300
20-24 years	8,100	6,200	4,700	1,500	S	1,800	S	1,800
25-29 years	2,100	1,700	1,100	500	S	500	S	500
30-34 years	600	600	600	S	S	S	S	S
35+ years	5,100	1,500	900	600	300	3,400	3,000	400
Engineers, total	1,116,600	916,600	879,400	37,200	15,100	184,900	161,800	23,000
<5 years	149,600	143,700	137,200	6,500	2,600	3,400	100	3,300
5-9 years	156,300	150,500	147,900	2,600	700	5,100	900	4,200
10-14 years	183,700	177,000	172,700	4,300	1,200	5,500	600	4,900
15-19 years	153,500	147,600	145,900	1,600	1,600	4,300	1,400	2,800
20-24 years	101,800	96,900	95,300	1,700	1,600	3,300	2,500	800
25-29 years	88,500	79,200	77,200	2,000	1,600	7,700	5,100	2,600
30-34 years	65,000	53,700	50,600	3,100	900	10,300	9,600	700
35+ years	218,200	67,900	52,600	15,300	4,800	145,400	141,700	3,700
Non-S&E occupations, total	5,204,700	4,276,900	3,750,600	526,300	91,800	836,000	390,700	445,300
<5 years	924,800	773,000	670,300	102,700	25,100	126,800	2,100	124,700
5-9 years	712,600	643,100	584,900	58,300	11,500	58,000	2,500	55,500
10-14 years	680,400	599,300	534,700	64,600	11,900	69,200	7,300	61,900
15-19 years	683,100	604,900	534,800	70,000	9,400	68,800	11,300	57,500
20-24 years	744,100	674,500	598,600	75,900	11,200	58,300	13,900	44,400
25-29 years	533,900	475,500	430,800	44,700	9,100	49,200	16,600	32,600
30-34 years	299,800	243,000	214,400	28,600	6,500	50,300	26,500	23,800
35+ years	626,000	263,600	182,000	81,500	7,000	355,500	310,500	45,000

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

Table D-6. U.S. scientists and engineers, by highest degree attained, broad occupation, years since degree, and employment status: 1997

Highest degree, occupation, and years since degree	S&Es, total	Employed			Unemploy- ed/seeking job	Not in labor force		
		Total	Full-time	Part-time		Total	Retired	Not seeking job
Bachelor's — continued								
Managers/administrators	1,319,600	1,141,100	1,095,300	45,800	14,200	164,300	129,800	34,500
<5 years	96,300	88,700	86,500	2,200	2,300	5,300	700	4,600
5-9 years	131,200	125,700	122,200	3,500	1,100	4,300	600	3,800
10-14 years	192,300	178,900	173,400	5,500	1,600	11,800	3,400	8,400
15-19 years	201,500	187,700	180,200	7,500	3,100	10,700	4,000	6,700
20-24 years	235,500	225,200	217,700	7,500	2,800	7,500	3,600	3,800
25-29 years	170,200	158,700	156,200	2,400	1,400	10,100	5,700	4,500
30-34 years	102,400	88,600	85,600	3,000	1,500	12,400	10,700	1,700
35+ years	190,300	87,700	73,400	14,300	300	102,300	101,200	1,100
Other non-S&E occupations ..	3,885,100	3,135,800	2,655,300	480,600	77,600	671,700	260,900	410,800
<5 years	828,500	684,300	583,800	100,500	22,700	121,500	1,400	120,100
5-9 years	581,500	517,400	462,700	54,700	10,400	53,600	1,900	51,700
10-14 years	488,100	420,400	361,200	59,100	10,300	57,400	3,900	53,500
15-19 years	481,600	417,200	354,600	62,500	6,200	58,200	7,400	50,800
20-24 years	508,600	449,400	380,900	68,500	8,400	50,800	10,200	40,600
25-29 years	363,700	316,900	274,600	42,300	7,800	39,000	10,900	28,100
30-34 years	197,400	154,400	128,800	25,600	5,000	37,900	15,800	22,100
35+ years	435,800	175,900	108,600	67,300	6,700	253,200	209,300	43,900
Master's								
All occupations, total ²	3,311,300	2,819,800	2,503,300	316,500	52,200	439,300	289,600	149,700
<5 years	584,700	543,700	484,000	59,700	9,200	31,700	2,300	29,400
5-9 years	545,900	501,400	453,000	48,400	7,900	36,600	6,900	29,700
10-14 years	519,100	474,400	425,300	49,000	8,600	36,100	10,900	25,200
15-19 years	505,400	450,600	403,200	47,300	6,100	48,800	21,000	27,800
20-24 years	477,600	413,000	375,200	37,900	9,200	55,400	37,300	18,100
25-29 years	328,400	260,300	227,500	32,800	4,700	63,300	54,100	9,200
30-34 years	164,500	110,800	94,600	16,100	4,700	49,000	44,300	4,700
35+ years	185,700	65,600	40,400	25,200	1,700	118,400	112,700	5,600
S&E occupations, total	1,100,000	967,900	863,800	104,100	14,000	118,200	76,300	41,900
<5 years	255,200	238,900	209,600	29,300	3,800	12,400	600	11,800
5-9 years	206,600	194,000	176,700	17,300	1,500	11,100	1,100	10,000
10-14 years	169,900	157,900	143,600	14,300	2,300	9,600	2,700	6,900
15-19 years	145,300	135,600	122,000	13,600	1,100	8,700	4,700	4,000
20-24 years	126,600	115,100	104,800	10,300	1,700	9,800	5,600	4,200
25-29 years	84,300	70,200	62,600	7,600	1,300	12,800	10,700	2,200
30-34 years	49,900	35,600	30,500	5,000	1,700	12,600	11,500	1,200
35+ years	62,400	20,700	13,900	6,700	700	41,000	39,400	1,600
Scientists, total	671,100	592,000	507,400	84,600	7,200	71,900	37,700	34,200
<5 years	162,400	150,100	124,900	25,300	2,400	9,900	600	9,300
5-9 years	128,300	118,400	103,700	14,800	900	8,900	900	8,000
10-14 years	107,700	98,500	87,100	11,500	1,300	7,900	2,100	5,800
15-19 years	93,100	85,800	74,400	11,400	500	6,800	3,500	3,300
20-24 years	76,300	69,200	61,500	7,700	500	6,600	2,600	4,000
25-29 years	48,000	40,600	34,500	6,100	500	6,900	5,000	1,800
30-34 years	26,700	19,000	15,800	3,200	900	6,900	6,200	700
35+ years	28,500	10,400	5,600	4,800	100	18,000	16,700	1,200

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

Table D-6. U.S. scientists and engineers, by highest degree attained, broad occupation, years since degree, and employment status: 1997

Highest degree, occupation, and years since degree	S&Es, total	Employed			Unemploy- ed/seeking job	Not in labor force		
		Total	Full-time	Part-time		Total	Retired	Not seeking job
Master's — continued								
Computer/math scientists,								
total	328,500	301,600	277,400	24,200	3,100	23,800	14,600	9,200
<5 years	76,600	73,600	67,300	6,300	400	2,600	500	2,100
5-9 years	71,400	68,700	64,900	3,800	400	2,300	200	2,100
10-14 years	55,700	51,800	49,400	2,300	500	3,400	1,000	2,400
15-19 years	47,400	43,600	40,700	2,900	300	3,500	2,100	1,400
20-24 years	33,300	31,400	28,900	2,400	300	1,700	1,300	400
25-29 years	24,500	20,500	17,500	3,000	400	3,500	3,100	400
30-34 years	12,500	8,300	7,100	1,200	700	3,500	3,200	300
35+ years	7,200	3,800	1,500	2,300	100	3,300	3,200	200
Life/related scientists, total ..	83,800	70,300	61,700	8,500	1,200	12,400	5,700	6,600
<5 years	20,300	17,100	14,300	2,800	900	2,300	S	2,300
5-9 years	16,200	14,500	11,400	3,100	S	1,700	400	1,300
10-14 years	11,500	10,400	9,600	800	300	800	200	500
15-19 years	10,800	10,700	10,000	700	S	100	100	S
20-24 years	11,400	9,300	9,000	300	S	2,100	100	1,900
25-29 years	5,900	4,700	4,100	500	S	1,200	600	600
30-34 years	3,400	2,500	2,200	200	S	900	900	100
35+ years	4,300	1,000	1,000	100	S	3,200	3,200	S
Physical/related scientists,								
total	83,300	69,100	61,800	7,300	1,000	13,100	8,200	4,900
<5 years	18,400	16,900	14,200	2,700	300	1,200	S	1,200
5-9 years	14,100	13,000	12,100	900	S	1,100	S	1,100
10-14 years	11,800	10,900	10,600	300	300	600	S	600
15-19 years	9,100	8,500	7,800	700	S	600	100	500
20-24 years	8,200	7,800	7,100	700	100	300	200	100
25-29 years	7,000	6,400	6,100	300	100	500	300	200
30-34 years	4,500	3,400	2,800	600	200	1,000	1,000	100
35+ years	10,000	2,200	1,000	1,100	100	7,800	6,700	1,100
Social/related scientists,								
total	175,600	151,100	106,500	44,600	2,000	22,600	9,200	13,400
<5 years	47,100	42,500	29,000	13,500	800	3,800	100	3,700
5-9 years	26,600	22,200	15,200	7,000	500	3,800	300	3,500
10-14 years	28,700	25,400	17,400	8,000	200	3,100	800	2,300
15-19 years	25,800	23,000	15,900	7,100	200	2,600	1,100	1,500
20-24 years	23,400	20,600	16,500	4,100	200	2,500	1,000	1,500
25-29 years	10,700	9,000	6,700	2,300	S	1,700	1,000	700
30-34 years	6,200	4,800	3,700	1,200	S	1,400	1,200	200
35+ years	7,000	3,400	2,100	1,300	S	3,700	3,700	S
Engineers, total	428,900	375,900	356,300	19,500	6,800	46,300	38,500	7,700
<5 years	92,800	88,800	84,700	4,000	1,500	2,500	S	2,500
5-9 years	78,300	75,600	73,000	2,500	500	2,200	200	2,000
10-14 years	62,200	59,400	56,600	2,800	1,000	1,800	600	1,100
15-19 years	52,200	49,700	47,600	2,200	600	1,900	1,200	700
20-24 years	50,300	45,900	43,300	2,600	1,100	3,200	3,000	200
25-29 years	36,300	29,600	28,100	1,500	700	5,900	5,600	300
30-34 years	23,200	16,600	14,700	1,900	800	5,700	5,200	500
35+ years	33,900	10,300	8,300	1,900	600	23,000	22,700	400

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

Table D-6. U.S. scientists and engineers, by highest degree attained, broad occupation, years since degree, and employment status: 1997

Highest degree, occupation, and years since degree	S&Es, total	Employed			Unemploy- ed/seeking job	Not in labor force		
		Total	Full-time	Part-time		Total	Retired	Not seeking job
Master's — continued								
Non-S&E occupations, total	2,211,300	1,851,900	1,639,600	212,400	38,100	321,200	213,400	107,800
<5 years	329,500	304,900	274,400	30,400	5,400	19,300	1,700	17,600
5-9 years	339,300	307,400	276,400	31,000	6,400	25,500	5,700	19,700
10-14 years	349,200	316,400	281,700	34,700	6,300	26,500	8,200	18,300
15-19 years	360,100	315,000	281,200	33,800	5,000	40,100	16,400	23,800
20-24 years	351,100	298,000	270,400	27,600	7,600	45,600	31,700	13,900
25-29 years	244,100	190,100	165,000	25,200	3,500	50,500	43,400	7,000
30-34 years	114,600	75,200	64,100	11,100	3,000	36,400	32,900	3,500
35+ years	123,300	44,900	26,400	18,500	1,000	77,400	73,300	4,000
Managers/administrators	826,600	724,800	698,500	26,300	13,300	88,400	65,700	22,800
<5 years	88,600	84,900	83,100	1,700	400	3,400	1,200	2,100
5-9 years	124,500	116,200	112,500	3,600	3,200	5,100	1,000	4,100
10-14 years	132,400	125,400	120,800	4,600	1,400	5,600	2,100	3,600
15-19 years	148,600	134,200	130,300	3,800	1,700	12,800	5,300	7,500
20-24 years	152,100	136,600	134,300	2,300	4,200	11,300	8,400	2,900
25-29 years	90,100	77,200	72,500	4,700	1,000	11,900	10,600	1,300
30-34 years	45,200	33,600	31,900	1,700	1,500	10,100	9,600	500
35+ years	45,000	16,800	13,000	3,800	S	28,200	27,300	800
Other non-S&E occupations ..	1,384,700	1,127,100	941,000	186,100	24,800	232,700	147,700	85,000
<5 years	240,900	220,000	191,300	28,700	5,000	15,900	400	15,500
5-9 years	214,800	191,200	163,800	27,400	3,200	20,400	4,700	15,600
10-14 years	216,800	191,000	160,900	30,100	4,900	20,900	6,200	14,700
15-19 years	211,500	180,800	150,900	30,000	3,300	27,300	11,000	16,300
20-24 years	199,000	161,400	136,100	25,300	3,400	34,200	23,300	11,000
25-29 years	154,000	112,900	92,400	20,500	2,500	38,600	32,800	5,700
30-34 years	69,400	41,600	32,200	9,500	1,500	26,300	23,200	3,000
35+ years	78,300	28,100	13,400	14,600	1,000	49,200	46,000	3,200
Doctorate								
All occupations, total ²	789,700	696,000	637,400	58,700	9,700	83,900	67,700	16,200
<5 years	134,000	127,900	117,900	10,100	2,600	3,400	100	3,300
5-9 years	122,000	116,300	107,900	8,400	1,500	4,100	1,800	2,300
10-14 years	116,000	108,600	100,900	7,700	1,300	6,100	2,700	3,500
15-19 years	105,400	99,400	92,500	6,900	1,200	4,800	2,100	2,600
20-24 years	102,200	93,400	86,700	6,700	1,200	7,600	5,600	2,000
25-29 years	97,800	85,300	78,800	6,400	800	11,700	10,100	1,500
30-34 years	53,700	39,500	34,600	4,900	400	13,800	13,300	500
35+ years	58,700	25,600	18,100	7,500	700	32,500	31,900	500
S&E occupations, total	511,900	454,700	418,900	35,800	6,300	50,900	41,300	9,600
<5 years	96,900	92,500	86,400	6,100	2,100	2,300	S	2,300
5-9 years	84,200	80,900	75,500	5,400	1,000	2,300	400	1,900
10-14 years	72,800	70,100	65,200	4,900	600	2,100	400	1,700
15-19 years	64,000	61,800	57,500	4,400	700	1,500	600	900
20-24 years	60,700	56,000	52,400	3,600	700	3,900	2,500	1,400
25-29 years	59,300	51,600	47,600	3,900	500	7,200	6,400	800
30-34 years	34,400	25,400	22,700	2,600	200	8,800	8,500	300
35+ years	39,700	16,400	11,700	4,800	500	22,800	22,500	200

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

Table D-6. U.S. scientists and engineers, by highest degree attained, broad occupation, years since degree, and employment status: 1997

Highest degree, occupation, and years since degree	S&Es, total	Employed			Unemploy- ed/seeking job	Not in labor force		
		Total	Full-time	Part-time		Total	Retired	Not seeking job
Doctorate — continued								
Scientists, total	422,700	375,300	342,800	32,400	5,300	42,100	33,500	8,600
<5 years	77,900	74,200	68,400	5,800	1,700	2,000	S	2,000
5-9 years	68,300	65,400	60,300	5,100	900	1,900	300	1,700
10-14 years	62,500	60,000	55,500	4,500	500	2,000	400	1,700
15-19 years	55,200	53,100	48,900	4,200	700	1,400	500	800
20-24 years	50,400	46,800	43,500	3,300	500	3,100	1,900	1,200
25-29 years	47,900	41,700	38,400	3,200	500	5,700	5,000	700
30-34 years	27,300	20,200	17,900	2,300	200	6,900	6,700	300
35+ years	33,200	13,800	9,900	3,900	400	19,000	18,800	200
Computer/math scientists, total	64,800	59,000	54,500	4,500	1,000	4,900	3,900	1,000
<5 years	13,100	12,400	11,800	600	300	400	S	400
5-9 years	10,700	10,700	10,100	600	S	S	S	S
10-14 years	8,600	8,200	7,600	600	100	300	200	100
15-19 years	8,500	8,000	7,300	700	400	200	S	100
20-24 years	7,900	7,400	6,800	600	100	400	200	200
25-29 years	8,800	7,800	7,000	800	100	900	800	100
30-34 years	3,800	2,800	2,600	200	S	1,000	900	100
35+ years	3,500	1,600	1,400	300	S	1,800	1,800	S
Life/related scientists, total ..	128,400	111,800	105,500	6,300	2,400	14,200	10,900	3,200
<5 years	24,600	22,900	21,900	1,000	1,000	600	S	600
5-9 years	22,900	21,400	20,100	1,200	500	1,100	100	900
10-14 years	18,200	17,400	16,500	900	200	700	S	600
15-19 years	16,000	15,500	14,800	700	200	300	100	200
20-24 years	13,900	12,900	12,400	500	200	700	400	300
25-29 years	14,200	11,900	11,400	500	100	2,100	1,800	400
30-34 years	7,900	5,700	5,200	500	S	2,200	2,100	100
35+ years	10,600	4,100	3,200	900	100	6,400	6,300	100
Physical/related scientists, total	96,100	83,700	79,200	4,500	1,200	11,200	9,500	1,700
<5 years	14,800	14,100	13,300	800	200	500	S	500
5-9 years	14,000	13,500	13,100	400	300	300	S	300
10-14 years	13,600	13,200	12,700	500	200	300	S	300
15-19 years	11,000	10,600	10,500	100	100	300	100	200
20-24 years	10,700	10,100	9,700	400	100	500	300	200
25-29 years	11,500	10,300	9,900	400	200	1,000	800	200
30-34 years	8,800	6,700	6,300	400	100	2,000	1,900	100
35+ years	11,700	5,100	3,700	1,400	100	6,500	6,400	100
Social/related scientists, total	133,300	120,800	103,600	17,200	800	11,800	9,200	2,600
<5 years	25,400	24,800	21,400	3,300	200	500	S	500
5-9 years	20,600	19,900	16,900	3,000	200	500	100	500
10-14 years	22,100	21,200	18,600	2,500	100	800	100	700
15-19 years	19,600	19,000	16,400	2,600	S	600	300	300
20-24 years	18,000	16,400	14,600	1,800	100	1,500	1,000	500
25-29 years	13,400	11,600	10,100	1,500	100	1,700	1,600	100
30-34 years	6,800	5,000	3,900	1,100	S	1,800	1,800	100
35+ years	7,400	3,000	1,700	1,300	100	4,300	4,200	100

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

Table D-6. U.S. scientists and engineers, by highest degree attained, broad occupation, years since degree, and employment status: 1997

Highest degree, occupation, and years since degree	S&Es, total	Employed			Unemploy- ed/seeking job	Not in labor force		
		Total	Full-time	Part-time		Total	Retired	Not seeking job
Doctorate — continued								
Engineers, total	89,200	79,400	76,100	3,300	1,000	8,800	7,800	900
<5 years	18,900	18,300	17,900	300	400	300	S	300
5-9 years	16,000	15,500	15,200	300	100	400	200	200
10-14 years	10,300	10,100	9,700	400	100	100	S	100
15-19 years	8,800	8,700	8,500	200	S	100	100	S
20-24 years	10,200	9,200	8,900	300	200	800	600	200
25-29 years	11,400	9,900	9,200	700	S	1,500	1,400	100
30-34 years	7,100	5,100	4,800	300	S	1,900	1,800	100
35+ years	6,500	2,600	1,700	900	100	3,800	3,700	S
Non-S&E occupations, total	277,800	241,300	218,400	22,900	3,400	33,100	26,400	6,700
<5 years	37,100	35,500	31,500	3,900	600	1,100	100	1,000
5-9 years	37,700	35,400	32,400	3,000	500	1,800	1,400	400
10-14 years	43,200	38,500	35,700	2,800	700	4,000	2,300	1,700
15-19 years	41,400	37,600	35,100	2,600	500	3,300	1,500	1,800
20-24 years	41,500	37,400	34,300	3,100	500	3,700	3,100	600
25-29 years	38,500	33,700	31,200	2,500	300	4,500	3,800	700
30-34 years	19,200	14,100	11,900	2,300	100	5,000	4,800	200
35+ years	19,100	9,100	6,400	2,700	200	9,700	9,400	300
Managers/administrators	115,300	102,400	98,300	4,100	1,200	11,700	10,600	1,100
<5 years	9,900	9,800	8,800	1,000	S	100	S	100
5-9 years	12,500	12,300	12,000	300	S	300	200	S
10-14 years	15,600	14,500	14,300	200	300	800	600	200
15-19 years	19,900	18,600	18,200	400	400	1,000	900	100
20-24 years	22,100	21,000	20,700	400	200	900	900	S
25-29 years	18,600	16,800	16,000	900	100	1,700	1,100	500
30-34 years	8,500	6,200	5,700	500	100	2,200	2,100	100
35+ years	8,100	3,100	2,600	500	100	4,900	4,700	100
Other non-S&E occupations	162,500	138,900	120,200	18,800	2,200	21,300	15,800	5,600
<5 years	27,200	25,600	22,700	2,900	500	1,000	100	900
5-9 years	25,200	23,200	20,400	2,700	500	1,600	1,200	400
10-14 years	27,600	24,000	21,400	2,600	400	3,200	1,700	1,500
15-19 years	21,500	19,100	16,900	2,200	200	2,300	600	1,700
20-24 years	19,400	16,400	13,600	2,800	300	2,800	2,200	600
25-29 years	19,900	16,800	15,200	1,600	200	2,800	2,600	200
30-34 years	10,700	7,900	6,100	1,800	S	2,800	2,700	100
35+ years	11,000	6,000	3,800	2,200	100	4,900	4,700	200

1 Includes professional degrees

2 Total excludes 18,700 individuals who reported never having worked. For unemployed individuals, occupation is for their previous reported job.

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 were employed in a S&E occupation during either the 1993, 1995 or 1997 SESTAT surveys. 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, 1997 SESTAT (Scientists and Engineers Statistical Data System)