Table B-7. U.S. scientists and engineers, by level and field of highest degree attained and age: 1995

Level and field of highest degree	S&Es, total	Age range								
		<25	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60+
All degree levels[1]										
All degree fields, total	12,036,200	318,300	1,227,800	1,493,200	1,745,800	1,879,800	1,801,200	1,163,500	774,800	1,631,700
S&E degree fields, total	8,908,000	315,400	1,104,300	1,135,400	1,237,100	1,308,400	1,213,100	800,200	548,700	1,245,200
Sciences, total	6,654,300	271,100	877,300	811,800	885,200	1,048,700	962,300	620,000	389,500	788,500
Computer/math sciences, total	1,090,100	26,900	135,200	205,300	181,000	158,700	146,300	96,300	62,500	77,900
Computer/information sciences	544,000	11,100	82,800	149,700	127,600	79,000	51,600	22,300	13,500	6,500
Mathematical sciences	546,100	15,800	52,500	55,600	53,400	79,700	94,700	74,000	49,000	71,400
Life/related sciences, total	1,392,100	64,800	167,700	161,200	203,300	252,800	184,000	124,000	73,900	160,500
Agricultural/food sciences	257,100	4,400	18,200	33,200	48,600	44,600	27,500	20,500	15,800	44,400
Biological sciences	1,032,200	58,100	138,600	117,900	136,300	184,500	142,700	95,200	52,600	106,500
Environmental life sciences	102,700	2,300	10,900	10,100	18,400	23,700	13,900	8,300	5,500	9,500
Physical/related sciences, total	762,100	15,800	63,200	82,900	105,400	100,500	92,200	78,000	67,200	156,900
Chemistry, except biochemistry	349,300	7,900	27,900	32,900	41,000	41,900	44,700	38,900	35,200	78,900
Earth science, geology and oceanography	174,500	2,600	12,200	23,700	34,200	30,300	18,200	12,500	10,200	30,600
Physics/astronomy	171,600	4,000	17,000	20,000	20,400	18,400	19,900	20,800	18,000	33,200
Other physical sciences	66,600	1,400	6,200	6,200	9,900	9,800	9,400	5,800	3,800	14,200
Social/related sciences, total	3,410,000	163,700	511,100	362,400	395,600	536,700	539,800	321,700	185,800	393,300
Economics	481,900	19,000	78,800	62,900	60,500	55,600	57,400	35,900	33,000	78,800
Political/related sciences	630,500	45,600	125,200	85,800	74,600	77,100	80,100	51,400	29,700	61,000
Psychology	1,254,400	60,300	189,200	122,700	147,700	222,000	209,600	110,300	63,700	128,900
Sociology/anthropology	666,200	24,200	75,500	54,200	69,600	123,100	129,400	74,100	42,400	73,700
Other social sciences	377,000	14,600	42,300	36,800	43,100	59,000	63,300	50,000	17,000	50,900
Engineering, total	2,253,600	44,300	227,100	323,600	351,800	259,700	250,800	180,300	159,300	456,700
Aerospace/related engineering	99,100	2,200	10,500	14,500	13,500	9,000	10,300	7,900	8,800	22,500
Chemical engineering	173,400	4,700	15,900	22,000	27,000	17,500	21,100	13,800	10,900	40,500
Civil/architectural engineering	370,000	6,000	32,100	44,100	57,000	52,200	47,000	30,900	25,700	74,800
Electrical/related engineering	663,700	12,200	75,800	109,600	108,600	78,800	71,100	54,500	43,500	109,600
Industrial engineering	129,800	2,100	16,000	20,400	17,100	13,600	13,900	10,200	7,400	29,200
Mechanical engineering	461,400	10,900	49,500	66,100	68,800	43,300	43,300	35,000	35,900	108,500
Other engineering	356,300	6,200	27,400	46,800	59,800	45,300	44,100	27,900	27,000	71,700
Non-S&E degrees, total	3,128,200	2,800	123,500	357,800	508,700	571,500	588,000	363,300	226,100	386,500
Bachelor's										
All degree fields, total	7,223,300	310,600	1,010,600	988,900	1,040,600	1,066,600	929,200	557,900	374,600	944,200
S&E degree fields, total	6,657,900	310,300	987,200	899,500	922,600	952,600	833,600	503,700	346,800	901,600

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

Table B-7. U.S. scientists and engineers, by level and field of highest degree attained and age: 1995

Level and field of highest degree	S&Es, total	Age range								
		<25	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60+
Bachelor's — continued										
Sciences, total	4,972,400	267,700	801,700	658,100	667,300	774,700	656,000	382,000	237,900	527,000
Computer/math sciences, total	790,000	25,200	117,100	167,200	131,900	110,600	93,900	58,400	33,300	52,400
Computer/information sciences	389,400	10,100	71,300	122,900	91,300	50,000	25,000	10,500	5,700	2,600
Mathematical sciences	400,600	15,100	45,800	44,300	40,500	60,700	68,900	47,800	27,600	49,800
Life/related sciences, total	1,023,400	64,000	153,800	124,700	155,300	187,900	120,200	71,700	42,200	103,500
Agricultural/food sciences	204,500	4,200	16,500	28,000	42,400	33,400	18,800	15,400	10,500	35,300
Biological sciences	739,800	57,500	127,500	89,100	98,000	136,300	92,200	50,600	27,500	61,200
Environmental life sciences	79,100	2,300	9,900	7,600	14,900	18,200	9,200	5,700	4,300	6,900
Physical/related sciences, total	485,400	15,600	52,500	53,300	67,200	64,500	52,200	38,600	39,000	102,400
Chemistry, except biochemistry	232,900	7,800	23,800	22,400	25,200	27,300	28,100	22,100	21,600	54,700
Earth science, geology and oceanography	114,500	2,500	9,900	16,200	24,100	20,700	9,100	5,600	6,200	20,100
Physics/astronomy	87,200	3,900	13,000	10,300	10,200	8,600	8,000	7,400	8,600	17,200
Other physical sciences	50,700	1,400	5,900	4,500	7,700	7,900	7,000	3,500	2,500	10,500
Social/related sciences, total	2,673,700	162,800	478,300	312,900	313,000	411,600	389,700	213,300	123,400	268,600
Economics	407,500	18,800	74,400	57,100	50,100	45,300	45,500	27,600	23,900	64,800
Political/related sciences	536,200	45,600	119,500	76,400	63,700	62,900	63,900	39,200	24,200	40,900
Psychology	849,000	59,900	173,600	98,700	103,600	147,700	116,000	51,800	29,400	68,400
Sociology/anthropology	592,400	24,100	72,800	50,500	61,200	110,700	115,700	61,500	35,400	60,600
Other social sciences	288,500	14,500	38,000	30,100	34,400	45,100	48,700	33,200	10,600	33,900
Engineering, total	1,685,500	42,600	185,500	241,500	255,300	177,900	177,600	121,700	108,800	374,600
Aerospace/related engineering	71,000	2,000	8,400	11,000	10,300	7,100	7,100	4,400	5,400	15,300
Chemical engineering	130,500	4,600	13,600	16,000	21,300	12,200	15,000	9,200	6,700	31,800
Civil/architectural engineering	287,300	5,900	26,700	35,200	43,500	39,200	34,200	21,100	17,800	63,700
Electrical/related engineering	485,900	11,400	60,400	78,400	73,900	53,300	51,600	36,700	30,900	89,300
Industrial engineering	103,800	2,100	13,600	16,500	13,400	8,500	11,400	7,600	5,300	25,500
Mechanical engineering	377,400	10,600	42,900	53,100	55,600	32,300	34,400	27,300	28,600	92,700
Other engineering	229,600	6,000	19,800	31,300	37,400	25,300	23,800	15,500	14,200	56,300
Non-S&E degrees, total	565,400	300	23,400	89,400	118,000	114,000	95,600	54,200	27,900	42,600
Master's										
All degree fields, total	3,125,600	7,100	161,900	328,900	439,000	514,400	578,800	393,900	262,800	438,800
S&E degree fields, total	1,613,200	5,000	104,700	180,300	225,900	258,700	269,900	200,100	134,600	234,000
Sciences, total	1,145,500	3,300	65,800	110,300	147,400	190,800	209,900	154,900	95,500	167,700

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

Table B-7. U.S. scientists and engineers, by level and field of highest degree attained and age: 1995

Level and field of highest degree	S&Es, total	Age range								
		<25	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60+
Master's — continued										
Computer/math sciences, total	259,700	1,600	16,900	33,900	42,300	42,700	45,000	31,200	25,000	21,000
Computer/information sciences	143,100	900	10,900	24,700	32,600	27,200	24,600	10,800	7,600	3,700
Mathematical sciences	116,600	700	6,000	9,100	9,700	15,500	20,500	20,400	17,400	17,300
Life/related sciences, total	188,000	600	10,600	20,000	22,900	33,400	33,100	26,600	14,500	26,100
Agricultural/food sciences	32,500	S	1,600	3,400	3,700	7,100	6,000	2,200	3,400	5,200
Biological sciences	137,300	600	8,100	14,300	16,400	21,800	24,100	22,700	10,200	19,200
Environmental life sciences	18,100	S	900	2,400	2,800	4,500	3,100	1,700	900	1,700
Physical/related sciences, total	140,000	200	8,100	17,500	19,300	18,100	19,600	19,300	11,100	26,700
Chemistry, except biochemistry	45,000	100	2,700	4,300	5,500	5,500	6,800	6,900	4,300	8,700
Earth science, geology and oceanography	42,100	S	2,000	6,400	7,800	7,100	5,500	4,500	1,800	7,000
Physics/astronomy	38,700	100	3,000	5,300	4,200	3,900	5,200	6,000	3,700	7,300
Other physical sciences	14,200	S	300	1,500	1,900	1,700	2,100	2,000	1,100	3,600
Social/related sciences, total	557,700	800	30,200	38,900	62,800	96,500	112,100	77,800	44,900	93,800
Economics	50,400	100	4,000	4,100	7,200	7,100	7,600	4,500	6,400	9,200
Political/related sciences	77,200	100	5,600	8,700	9,400	12,000	12,900	8,700	3,700	16,200
Psychology	309,000	400	14,400	16,900	33,100	56,800	71,000	43,800	26,200	46,400
Sociology/anthropology	49,000	100	2,500	3,100	6,000	9,100	8,900	7,200	3,900	8,300
Other social sciences	72,100	100	3,800	6,000	7,000	11,500	11,700	13,500	4,700	13,800
Engineering, total	467,700	1,800	38,900	70,000	78,500	67,800	60,000	45,200	39,100	66,400
Aerospace/related engineering	23,600	200	1,800	3,100	2,500	1,500	2,700	2,700	2,900	6,300
Chemical engineering	28,600	S	1,900	3,700	3,200	3,600	4,500	2,700	2,400	6,500
Civil/architectural engineering	73,600	100	5,300	8,200	12,000	11,800	11,500	8,300	6,800	9,600
Electrical/related engineering	151,800	800	14,600	27,600	29,600	21,700	16,100	14,300	10,000	17,000
Industrial engineering	23,200	100	2,400	3,600	3,200	4,600	2,200	2,200	1,600	3,300
Mechanical engineering	72,200	300	6,400	11,600	10,900	9,200	7,400	6,400	6,200	13,900
Other engineering	94,700	300	6,600	12,200	17,100	15,500	15,700	8,500	9,200	9,800
Non-S&E degrees, total	1,512,400	2,000	57,200	148,600	213,200	255,800	308,900	193,700	128,200	204,800
Doctorate										
All degree fields, total	779,600	100	16,900	63,300	101,800	112,300	135,900	122,000	86,200	141,200
S&E degree fields, total	627,200	100	11,100	55,000	88,000	95,400	107,300	95,300	66,800	108,100
Sciences, total	526,800	100	8,400	42,900	69,900	81,500	94,100	82,000	55,500	92,400

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

Table B-7. U.S. scientists and engineers, by level and field of highest degree attained and age: 1995

Level and field of highest degree	S&Es, total	Age range								
		<25	25-29	30-34	35-39	40-44	45-49	50-54	55-59	60+
Doctorate — continued										
Computer/math sciences, total	40,300	S	1,200	4,200	6,800	5,200	7,400	6,800	4,200	4,400
Computer/information sciences	11,400	S	600	2,000	3,600	1,800	2,000	1,000	200	200
Mathematical sciences	28,900	S	700	2,200	3,200	3,400	5,400	5,800	4,000	4,300
Life/related sciences, total	179,400	100	2,400	16,200	24,800	31,500	30,700	25,600	17,200	30,900
Agricultural/food sciences	19,900	100	100	1,700	2,400	4,200	2,700	2,800	2,000	3,900
Biological sciences	154,200	S	2,300	14,400	21,900	26,400	26,400	21,900	14,900	26,100
Environmental life sciences	5,200	S	S	100	500	900	1,600	900	300	900
Physical/related sciences, total	136,300	S	2,500	12,000	18,900	17,900	20,400	19,800	17,200	27,700
Chemistry, except biochemistry	71,400	S	1,300	6,300	10,300	9,200	9,800	9,900	9,300	15,400
Earth science, geology and oceanography	17,800	S	300	1,100	2,200	2,500	3,500	2,500	2,200	3,500
Physics/astronomy	45,400	S	900	4,400	6,000	5,900	6,700	7,100	5,700	8,700
Other physical sciences	1,700	S	S	300	300	200	300	300	100	100
Social/related sciences, total	170,800	S	2,300	10,300	19,400	27,000	35,700	29,800	16,900	29,400
Economics	24,000	S	400	1,700	3,200	3,100	4,300	3,800	2,700	4,800
Political/related sciences	17,000	S	100	700	1,500	2,300	3,300	3,500	1,800	3,900
Psychology	88,600	S	1,000	6,800	10,500	15,900	20,300	13,900	7,600	12,600
Sociology/anthropology	24,800	S	300	600	2,400	3,400	4,800	5,400	3,100	4,900
Other social sciences	16,400	S	500	700	1,800	2,300	2,900	3,200	1,700	3,200
Engineering, total	100,500	S	2,700	12,100	18,100	13,900	13,200	13,400	11,400	15,700
Aerospace/related engineering	4,500	S	200	500	700	400	500	700	500	900
Chemical engineering	14,300	S	300	2,300	2,500	1,700	1,600	1,900	1,800	2,200
Civil/architectural engineering	9,100	S	S	800	1,600	1,300	1,300	1,600	1,100	1,500
Electrical/related engineering	26,000	S	800	3,600	5,100	3,800	3,400	3,500	2,600	3,300
Industrial engineering	2,800	S	S	300	500	400	300	400	500	300
Mechanical engineering	11,800	S	300	1,400	2,300	1,800	1,500	1,400	1,200	1,900
Other engineering	31,900	S	1,000	3,300	5,300	4,500	4,700	3,900	3,700	5,500
Non-S&E degrees, total	152,400	S	5,700	8,400	13,800	16,900	28,600	26,700	19,300	33,000

1 Includes professional degrees

NOTES: The term "Scientists and Engineers" (S&Es) includes all persons who have ever received a bachelor's degree or higher in a science or engineering (S&E) field, plus persons holding a non-S&E bachelor's or higher degree who were employed in a S&E occupation during either the 1993 or 1995 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, 1995 SESTAT (Scientists and Engineers Statistical Data System)