

**Table C-9. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and race/ethnicity: 1995**

Level and field of highest degree, and sex	Employed S&Es, total	Sex		Race/ethnicity				
		Male	Female	White	Black	Hispanic	Asian	Other
<b>All degree levels<sup>1</sup></b>								
<b>All degree fields, total</b> .....	10,114,500	6,834,200	3,280,300	8,546,900	527,500	328,200	680,400	31,500
<b>S&amp;E degree fields, total</b> .....	7,333,100	4,952,000	2,381,000	6,136,200	372,800	248,600	552,500	22,900
<b>Sciences, total</b> .....	5,476,100	3,252,200	2,223,900	4,613,200	327,300	182,900	334,200	18,400
<b>Computer/math sciences, total</b> .....	955,400	642,000	313,400	772,700	54,900	26,100	98,700	3,100
Computer/information sciences .....	506,100	354,700	151,400	387,300	30,700	16,300	70,300	1,500
Mathematical sciences .....	449,400	287,400	162,000	385,400	24,200	9,700	28,400	1,600
<b>Life/related sciences, total</b> .....	1,127,800	688,800	439,000	963,700	49,800	35,500	75,200	3,700
Agricultural/food sciences .....	215,700	164,900	50,800	192,100	6,400	5,700	10,800	800
Biological sciences .....	825,600	458,500	367,100	690,400	42,600	27,900	62,000	2,600
Environmental life sciences .....	86,600	65,400	21,100	81,200	800	1,800	2,400	300
<b>Physical/related sciences, total</b> .....	605,200	483,200	122,000	513,800	20,300	15,600	53,100	2,400
Chemistry, except biochemistry .....	267,400	195,400	71,900	213,300	12,700	7,600	32,600	1,100
Earth science, geology and oceanography .....	145,400	122,900	22,500	134,800	1,600	3,500	4,900	600
Physics/astronomy .....	140,700	127,200	13,600	119,500	3,900	2,600	14,200	500
Other physical sciences .....	51,700	37,700	14,000	46,000	2,100	1,900	1,500	100
<b>Social/related sciences, total</b> .....	2,787,700	1,438,200	1,349,500	2,363,000	202,400	105,800	107,200	9,300
Economics .....	390,900	301,400	89,500	335,500	14,000	12,100	28,700	600
Political/related sciences .....	524,900	338,400	186,500	444,200	35,200	21,500	21,900	2,100
Psychology .....	1,038,400	411,700	626,700	891,500	75,800	38,800	28,400	3,900
Sociology/anthropology .....	523,300	218,600	304,700	431,700	55,200	20,600	13,900	1,800
Other social sciences .....	310,100	168,100	142,000	260,100	22,100	12,700	14,300	900
<b>Engineering, total</b> .....	1,856,900	1,699,800	157,100	1,523,100	45,500	65,600	218,200	4,500
Aerospace/related engineering .....	76,200	71,900	4,300	68,400	700	2,800	4,300	100
Chemical engineering .....	135,400	112,200	23,200	107,400	3,300	4,700	19,700	300
Civil/architectural engineering .....	312,200	284,300	27,900	254,600	6,400	13,700	36,800	600
Electrical/related engineering .....	560,800	523,100	37,700	440,000	17,700	18,800	83,200	1,100
Industrial engineering .....	104,000	87,900	16,100	84,700	4,300	4,200	10,300	400
Mechanical engineering .....	375,400	356,900	18,500	319,500	7,000	11,700	36,100	1,100
Other engineering .....	293,000	263,600	29,400	248,500	6,100	9,700	27,800	900
<b>Non-S&amp;E degrees, total</b> .....	2,781,400	1,882,200	899,300	2,410,700	154,700	79,600	127,900	8,600
<b>Bachelor's</b>								
<b>All degree fields, total</b> .....	5,926,700	3,944,300	1,982,500	5,024,700	329,400	207,500	345,200	19,900
<b>S&amp;E degree fields, total</b> .....	5,408,600	3,591,900	1,816,700	4,577,700	301,500	193,600	318,500	17,400
<b>Sciences, total</b> .....	4,047,800	2,348,000	1,699,800	3,426,800	263,700	143,900	199,400	13,900
<b>Computer/math sciences, total</b> .....	687,700	449,500	238,100	566,400	44,800	21,400	52,300	2,600
Computer/information sciences .....	362,800	249,100	113,700	285,000	26,000	14,400	35,900	1,400
Mathematical sciences .....	324,900	200,400	124,500	281,400	18,800	7,100	16,400	1,200

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

**Table C-9. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and race/ethnicity: 1995**

Level and field of highest degree, and sex	Employed S&Es, total	Sex		Race/ethnicity				
		Male	Female	White	Black	Hispanic	Asian	Other
<b>Bachelor's — continued</b>								
<b>Life/related sciences, total</b> .....	820,200	488,000	332,200	710,300	39,100	26,400	41,900	2,600
Agricultural/food sciences .....	171,200	131,400	39,800	155,300	5,500	4,300	5,500	600
Biological sciences .....	583,000	305,800	277,200	492,300	33,400	20,600	35,000	1,700
Environmental life sciences .....	65,900	50,700	15,200	62,700	200	1,400	1,400	200
<b>Physical/related sciences, total</b> .....	374,500	290,600	83,900	322,400	15,500	11,100	23,700	1,800
Chemistry, except biochemistry .....	171,700	119,700	51,900	138,200	10,200	5,700	16,700	900
Earth science, geology and oceanography .....	95,400	80,700	14,700	90,100	600	2,400	1,800	500
Physics/astronomy .....	68,000	61,400	6,600	58,900	2,900	1,400	4,400	400
Other physical sciences .....	39,400	28,700	10,700	35,200	1,800	1,600	700	S
<b>Social/related sciences, total</b> .....	2,165,400	1,119,800	1,045,600	1,827,600	164,300	85,000	81,500	7,000
Economics .....	329,200	253,500	75,700	286,800	11,000	9,300	21,700	400
Political/related sciences .....	448,700	286,500	162,200	378,800	31,200	18,500	18,200	1,900
Psychology .....	690,700	265,800	425,000	583,400	54,700	28,400	21,900	2,300
Sociology/anthropology .....	461,900	186,500	275,400	379,800	51,500	18,400	10,600	1,600
Other social sciences .....	234,800	127,500	107,300	198,800	15,900	10,300	9,200	700
<b>Engineering, total</b> .....	1,360,800	1,243,900	116,900	1,150,900	37,700	49,700	119,100	3,400
Aerospace/related engineering .....	54,700	50,900	3,800	49,800	500	1,900	2,500	100
Chemical engineering .....	100,500	80,500	20,000	81,500	2,800	3,500	12,500	300
Civil/architectural engineering .....	237,400	215,500	22,000	200,400	5,200	10,400	20,800	500
Electrical/related engineering .....	402,500	374,500	28,000	325,000	14,900	14,300	47,500	800
Industrial engineering .....	81,200	68,900	12,200	69,300	3,800	3,200	4,800	100
Mechanical engineering .....	302,700	287,800	14,900	264,000	5,900	10,000	22,000	900
Other engineering .....	181,800	165,700	16,100	160,900	4,700	6,400	9,100	700
<b>Non-S&amp;E degrees, total</b> .....	518,200	352,400	165,800	447,100	28,000	14,000	26,600	2,600
<b>Master's</b>								
<b>All degree fields, total</b> .....	2,656,800	1,720,800	936,000	2,216,900	137,800	75,900	219,300	7,000
<b>S&amp;E degree fields, total</b> .....	1,359,300	922,400	437,000	1,100,400	58,100	38,900	158,300	3,600
<b>Sciences, total</b> .....	953,500	551,700	401,800	790,400	51,500	25,400	83,500	2,700
<b>Computer/math sciences, total</b> .....	230,700	160,900	69,800	177,500	9,200	3,500	40,200	400
Computer/information sciences .....	132,400	96,800	35,600	94,400	4,100	1,700	32,100	100
Mathematical sciences .....	98,400	64,200	34,200	83,100	5,100	1,800	8,000	400
<b>Life/related sciences, total</b> .....	149,400	85,600	63,700	124,600	7,100	3,600	13,400	700
Agricultural/food sciences .....	26,900	18,900	8,100	22,500	600	900	2,800	100
Biological sciences .....	106,600	56,500	50,200	88,000	5,900	2,400	9,800	600
Environmental life sciences .....	15,800	10,300	5,500	14,100	600	400	800	S
<b>Physical/related sciences, total</b> .....	112,200	87,500	24,700	94,700	3,200	2,300	11,700	300
Chemistry, except biochemistry .....	34,800	23,500	11,300	27,200	1,500	500	5,600	S
Earth science, geology and oceanography .....	34,700	28,600	6,200	31,000	800	900	2,000	100
Physics/astronomy .....	32,000	27,800	4,300	27,000	600	600	3,700	100
Other physical sciences .....	10,700	7,700	3,000	9,500	200	300	500	100

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

**Table C-9. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and race/ethnicity: 1995**

Level and field of highest degree, and sex	Employed S&Es, total	Sex		Race/ethnicity				
		Male	Female	White	Black	Hispanic	Asian	Other
<b>Master's — continued</b>								
<b>Social/related sciences, total</b> .....	461,100	217,600	243,500	393,600	32,100	16,000	18,200	1,300
Economics .....	40,600	29,800	10,800	31,000	2,600	2,200	4,700	S
Political/related sciences .....	60,800	39,500	21,300	52,200	3,200	2,500	2,900	100
Psychology .....	259,300	98,000	161,300	228,300	17,700	7,900	4,300	1,100
Sociology/anthropology .....	39,400	18,600	20,800	32,500	2,900	1,400	2,500	100
Other social sciences .....	61,100	31,800	29,400	49,600	5,700	2,000	3,800	S
<b>Engineering, total</b> .....	405,800	370,700	35,200	310,000	6,600	13,500	74,800	900
Aerospace/related engineering .....	17,500	17,000	500	15,400	200	700	1,200	S
Chemical engineering .....	22,700	20,100	2,600	17,500	300	1,000	3,900	S
Civil/architectural engineering .....	66,300	61,000	5,300	48,500	1,100	3,000	13,600	100
Electrical/related engineering .....	134,700	126,000	8,800	99,400	2,400	3,900	28,800	300
Industrial engineering .....	20,200	16,800	3,400	13,800	500	600	5,000	200
Mechanical engineering .....	62,000	58,600	3,400	48,300	1,000	1,600	10,800	200
Other engineering .....	82,400	71,200	11,200	67,000	1,100	2,600	11,600	100
<b>Non-S&amp;E degrees, total</b> .....	1,297,500	798,400	499,000	1,116,500	79,700	37,000	61,000	3,300
<b>Doctorate</b>								
<b>All degree fields, total</b> .....	689,900	522,500	167,400	559,800	25,500	20,000	82,200	2,500
<b>S&amp;E degree fields, total</b> .....	557,400	434,500	122,800	451,200	13,000	15,900	75,300	1,900
<b>Sciences, total</b> .....	467,000	349,300	117,800	389,000	11,900	13,400	51,000	1,700
<b>Computer/math sciences, total</b> .....	36,900	31,500	5,500	28,700	900	1,100	6,200	100
Computer/information sciences .....	10,800	8,700	2,100	7,700	500	300	2,300	S
Mathematical sciences .....	26,100	22,800	3,400	20,900	400	800	4,000	S
<b>Life/related sciences, total</b> .....	157,200	114,400	42,800	127,900	3,600	5,500	19,700	500
Agricultural/food sciences .....	17,400	14,600	2,800	14,100	200	600	2,500	S
Biological sciences .....	135,300	95,700	39,600	109,700	3,300	4,900	17,000	400
Environmental life sciences .....	4,500	4,100	400	4,200	S	S	200	100
<b>Physical/related sciences, total</b> .....	118,100	104,700	13,400	96,300	1,600	2,200	17,700	300
Chemistry, except biochemistry .....	60,800	52,100	8,700	47,900	900	1,400	10,300	200
Earth science, geology and oceanography .....	15,300	13,600	1,700	13,700	200	200	1,000	S
Physics/astronomy .....	40,400	37,800	2,700	33,300	400	600	6,100	100
Other physical sciences .....	1,600	1,200	300	1,300	S	S	200	S
<b>Social/related sciences, total</b> .....	154,800	98,700	56,100	136,100	5,800	4,500	7,300	900
Economics .....	21,100	18,000	3,100	17,700	500	600	2,300	100
Political/related sciences .....	15,400	12,400	3,000	13,200	800	500	800	100
Psychology .....	82,100	45,900	36,200	74,200	3,200	2,200	2,000	500
Sociology/anthropology .....	22,100	13,600	8,500	19,400	900	800	800	200
Other social sciences .....	14,100	8,800	5,400	11,700	500	500	1,300	100

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

**Table C-9. Employed U.S. scientists and engineers, by level and field of highest degree attained, sex, and race/ethnicity: 1995**

Level and field of highest degree, and sex	Employed S&Es, total	Sex		Race/ethnicity				
		Male	Female	White	Black	Hispanic	Asian	Other
<b>Doctorate — continued</b>								
<b>Engineering, total</b> .....	90,300	85,300	5,100	62,200	1,200	2,500	24,300	200
Aerospace/related engineering .....	4,000	4,000	S	3,200	100	100	700	S
Chemical engineering .....	12,100	11,500	600	8,400	100	300	3,300	S
Civil/architectural engineering .....	8,500	7,900	600	5,700	100	300	2,400	S
Electrical/related engineering .....	23,600	22,700	900	15,600	300	600	7,000	100
Industrial engineering .....	2,600	2,100	500	1,600	S	400	600	S
Mechanical engineering .....	10,800	10,500	300	7,200	100	200	3,300	S
Other engineering .....	28,700	26,600	2,100	20,500	300	700	7,100	100
<b>Non-S&amp;E degrees, total</b> .....	132,600	87,900	44,600	108,600	12,500	4,100	6,900	600

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)