

Table E-10. Employed U.S. scientists and engineers, by highest degree attained, occupation, sex, and race/ethnicity: 1999

Highest degree and occupation	Employed S&Es, total	Sex		Race/ethnicity				
		Male	Female	White	Black	Hispanic	Asian/Pacific Islander	Other
All degree levels¹								
All occupations, total	10,981,600	7,171,500	3,810,200	9,124,600	597,100	417,200	805,900	36,800
S&E occupations, total	3,540,800	2,705,000	835,800	2,896,600	121,600	120,900	390,500	11,300
Scientists, total	2,170,500	1,464,800	705,800	1,774,200	84,000	71,800	233,900	6,700
Computer/math scientists, total	1,167,400	850,600	316,700	922,200	51,400	37,600	153,600	2,700
Life/related scientists, total	341,900	217,500	124,400	285,100	6,600	10,900	37,700	1,600
Physical/related scientists, total ...	297,900	229,400	68,400	252,500	8,800	7,800	27,800	900
Social/related scientists, total	363,400	167,300	196,200	314,400	17,200	15,500	14,800	1,500
Engineers, total	1,370,300	1,240,200	130,000	1,122,400	37,700	49,100	156,600	4,600
Non-S&E occupations, total	7,440,800	4,466,400	2,974,300	6,228,100	475,500	296,300	415,400	25,600
Managers/administrators	2,035,600	1,429,100	606,500	1,740,900	115,900	66,100	106,500	6,200
Other non-S&E occupations	5,405,200	3,037,300	2,367,900	4,487,200	359,600	230,200	309,000	19,300
Bachelor's								
All occupations, total	6,350,100	4,084,400	2,265,700	5,300,500	362,000	268,800	394,800	23,900
S&E occupations, total	1,994,400	1,564,700	429,700	1,680,900	73,900	74,800	158,300	6,600
Scientists, total	1,087,100	744,300	342,800	908,100	46,600	41,500	87,700	3,100
Computer/math scientists, total	740,500	538,900	201,600	612,200	34,200	27,000	65,400	1,700
Life/related scientists, total	135,500	76,900	58,600	117,100	2,000	5,700	9,800	900
Physical/related scientists, total ...	139,600	101,700	38,000	120,600	5,800	4,600	8,400	300
Social/related scientists, total	71,400	26,800	44,600	58,300	4,600	4,200	4,000	300
Engineers, total	907,400	820,400	86,900	772,800	27,300	33,300	70,600	3,400
Non-S&E occupations, total	4,355,700	2,519,700	1,836,000	3,619,600	288,100	194,000	236,500	17,400
Managers/administrators	1,156,800	801,400	355,500	997,500	62,900	41,100	51,300	3,900
Other non-S&E occupations	3,198,800	1,718,300	1,480,500	2,622,100	225,200	152,900	185,200	13,400

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

Table E-10. Employed U.S. scientists and engineers, by highest degree attained, occupation, sex, and race/ethnicity: 1999

Highest degree and occupation	Employed S&Es, total	Sex		Race/ethnicity				
		Male	Female	White	Black	Hispanic	Asian/Pacific Islander	Other
Master's								
All occupations, total	2,982,000	1,871,200	1,110,800	2,440,500	168,600	98,000	266,600	8,200
S&E occupations, total	1,032,100	751,200	280,900	807,200	35,900	32,800	153,000	3,100
Scientists, total	655,500	411,400	244,200	516,000	27,300	19,100	91,100	2,100
Computer/math scientists, total	354,100	253,700	100,500	256,200	15,200	8,800	72,900	900
Life/related scientists, total	72,500	44,000	28,500	61,200	2,200	1,800	7,100	300
Physical/related scientists, total ...	73,000	53,700	19,300	62,300	1,800	1,400	7,100	400
Social/related scientists, total	155,900	60,000	95,900	136,200	8,100	7,100	4,000	500
Engineers, total	376,500	339,800	36,700	291,300	8,600	13,600	62,000	1,000
Non-S&E occupations, total	1,949,900	1,120,000	829,900	1,633,200	132,700	65,300	113,600	5,100
Managers/administrators	726,600	514,800	211,800	618,100	42,500	20,400	44,100	1,500
Other non-S&E occupations	1,223,300	605,300	618,000	1,015,100	90,200	44,900	69,500	3,600
Doctorate								
All occupations, total	736,700	552,200	184,500	583,300	25,800	21,200	103,800	2,600
S&E occupations, total	484,100	368,900	115,200	381,600	11,000	12,900	77,000	1,600
Scientists, total	399,900	290,900	109,100	325,100	9,300	11,000	53,100	1,500
Computer/math scientists, total	67,100	54,900	12,200	49,500	1,400	1,600	14,500	S
Life/related scientists, total	121,100	86,200	34,900	95,600	2,100	3,500	19,500	400
Physical/related scientists, total ...	84,900	73,700	11,200	69,200	1,200	1,800	12,300	300
Social/related scientists, total	126,900	76,100	50,800	110,800	4,500	4,100	6,800	700
Engineers, total	84,200	78,000	6,200	56,500	1,700	1,900	23,900	100
Non-S&E occupations, total	252,600	183,400	69,300	201,700	14,800	8,300	26,800	1,000
Managers/administrators	98,400	77,500	20,900	79,800	5,700	3,000	9,700	200
Other non-S&E occupations	154,200	105,800	48,400	121,900	9,100	5,300	17,100	800

¹ Total includes professional degrees not broken out separately.

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, 1997, or 1999 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 Statistics Division, 1999 SESTAT (Scientists and Engineers Statistical Data System)