

Appendix table 3-16

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

Degree and occupation	Employed individuals	Sex		Race/ethnicity				
		Male	Female	White	Black	Hispanic	Asian/Pacific Islander	Other
All degree levels^a								
All S&E occupations.....	3,540,800	2,705,000	835,800	2,896,600	121,600	120,900	390,500	11,300
Scientists	2,170,500	1,464,800	705,800	1,774,200	84,000	71,800	233,900	6,700
Mathematical/computer scientists.....	1,167,400	850,600	316,700	922,200	51,400	37,600	153,600	2,700
Life/related scientists	341,900	217,500	124,400	285,100	6,600	10,900	37,700	1,600
Physical/related scientists	297,900	229,400	68,400	252,500	8,800	7,800	27,800	900
Social/related scientists	363,400	167,300	196,200	314,400	17,200	15,500	14,800	1,500
Engineers	1,370,300	1,240,200	130,000	1,122,400	37,700	49,100	156,600	4,600
Bachelor's								
S&E occupations	1,994,400	1,564,700	429,700	1,680,900	73,900	74,800	158,300	6,600
Scientists	1,087,100	744,300	342,800	908,100	46,600	41,500	87,700	3,100
Mathematical/computer scientists.....	740,500	538,900	201,600	612,200	34,200	27,000	65,400	1,700
Life/related scientists	135,500	76,900	58,600	117,100	2,000	5,700	9,800	900
Physical/related scientists.....	139,600	101,700	38,000	120,600	5,800	4,600	8,400	S
Social/related scientists	71,400	26,800	44,600	58,300	4,600	4,200	4,000	S
Engineers.....	907,400	820,400	86,900	772,800	27,300	33,300	70,600	3,400
Master's								
S&E occupations	1,032,100	751,200	280,900	807,200	35,900	32,800	153,000	3,100
Scientists	655,500	411,400	244,200	516,000	27,300	19,100	91,100	2,100
Mathematical/computer scientists.....	354,100	253,700	100,500	256,200	15,200	8,800	72,900	900
Life/related scientists	72,500	44,000	28,500	61,200	2,200	1,800	7,100	300
Physical/related scientists.....	73,000	53,700	19,300	62,300	1,800	1,400	7,100	400
Social/related scientists	155,900	60,000	95,900	136,200	8,100	7,100	4,000	500
Engineers.....	376,500	339,800	36,700	291,300	8,600	13,600	62,000	1,000
Doctoral								
S&E occupations	484,100	368,900	115,200	381,600	11,000	12,900	77,000	1,600
Scientists	399,900	290,900	109,100	325,100	9,300	11,000	53,100	1,500
Mathematical/computer scientists.....	67,100	54,900	12,200	49,500	1,400	1,600	14,500	S
Life/related scientists	121,100	86,200	34,900	95,600	2,100	3,500	19,500	400
Physical/related scientists.....	84,900	73,700	11,200	69,200	1,200	1,800	12,300	300
Social/related scientists	126,900	76,100	50,800	110,800	4,500	4,100	6,800	700
Engineers.....	84,200	78,000	6,200	56,500	1,700	1,900	23,900	100

S suppressed for reasons of confidentiality and/or data reliability

^aIncludes professional degrees.

SOURCE: National Science Foundation, Division of Science Resources Statistics, Scientists and Engineers Statistical Data System (SESTAT), 1999.