

**Table E-10. Employed U.S. scientists and engineers, by highest degree attained, occupation, sex, and race/ethnicity: 1997**

Highest degree and occupation	Employed S&Es, total	Sex		Race/ethnicity				
		Male	Female	White	Black	Hispanic	Asian	Other
<b>All degree levels<sup>1</sup></b>								
<b>All occupations, total<sup>2</sup></b> .....	10,585,600	7,037,600	3,548,000	8,877,500	555,600	371,500	745,600	35,400
<b>S&amp;E occupations, total</b> .....	3,369,400	2,606,100	763,300	2,791,900	113,000	103,500	349,800	11,300
<b>Scientists, total</b> .....	1,995,100	1,355,400	639,600	1,654,600	77,500	55,800	200,100	7,100
<b>Computer/math scientists, total</b> ....	1,039,500	758,600	280,900	839,400	44,900	26,200	126,600	2,500
<b>Life/related scientists, total</b> .....	321,800	205,900	115,900	272,400	7,700	8,000	32,300	1,400
<b>Physical/related scientists, total</b> ...	284,900	223,100	61,800	240,200	8,400	7,200	27,900	1,200
<b>Social/related scientists, total</b> .....	349,000	167,900	181,100	302,600	16,500	14,400	13,300	2,100
<b>Engineers, total</b> .....	1,374,400	1,250,700	123,700	1,137,300	35,400	47,700	149,700	4,200
<b>Non-S&amp;E occupations, total</b> .....	7,216,200	4,431,500	2,784,700	6,085,600	442,600	268,000	395,800	24,100
Managers/administrators .....	2,019,900	1,453,100	566,800	1,735,100	112,900	64,000	102,500	5,400
Other non-S&E occupations .....	5,196,300	2,978,400	2,217,900	4,350,500	329,700	204,000	293,400	18,700
<b>Bachelor's</b>								
<b>All occupations, total<sup>2</sup></b> .....	6,193,700	4,056,500	2,137,200	5,212,700	345,000	237,700	374,900	23,400
<b>S&amp;E occupations, total</b> .....	1,916,800	1,521,800	395,000	1,631,800	72,600	62,200	143,200	7,000
<b>Scientists, total</b> .....	1,000,200	688,400	311,800	846,300	46,200	29,400	74,200	4,000
<b>Computer/math scientists, total</b> ....	675,300	487,900	187,400	566,600	33,100	18,100	55,800	1,700
<b>Life/related scientists, total</b> .....	125,200	74,300	50,900	110,000	3,000	3,300	8,000	900
<b>Physical/related scientists, total</b> ...	131,700	97,100	34,600	114,000	5,500	3,900	7,900	400
<b>Social/related scientists, total</b> .....	68,000	29,100	38,900	55,800	4,600	4,200	2,500	900
<b>Engineers, total</b> .....	916,600	833,400	83,200	785,600	26,300	32,800	68,900	3,000
<b>Non-S&amp;E occupations, total</b> .....	4,276,900	2,534,700	1,742,200	3,580,900	272,400	175,500	231,700	16,400
Managers/administrators .....	1,141,100	808,500	332,600	990,500	58,500	38,900	49,800	3,400
Other non-S&E occupations .....	3,135,800	1,726,200	1,409,600	2,590,300	213,900	136,700	181,900	13,000

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: 1997**

Highest degree and occupation	Employed S&Es, total	Sex		Race/ethnicity				
		Male	Female	White	Black	Hispanic	Asian	Other
<b>Master's</b>								
<b>All occupations, total</b> <sup>2</sup> .....	2,819,800	1,800,500	1,019,300	2,330,500	151,300	88,100	242,000	7,900
<b>S&amp;E occupations, total</b> .....	967,900	715,300	252,600	770,200	30,000	29,300	135,800	2,700
<b>Scientists, total</b> .....	592,000	374,400	217,600	475,100	21,900	16,000	77,400	1,700
<b>Computer/math scientists, total</b> ....	301,600	219,300	82,300	226,400	10,300	6,300	57,900	600
<b>Life/related scientists, total</b> .....	70,300	40,000	30,300	59,400	2,500	1,400	6,700	200
<b>Physical/related scientists, total</b> ...	69,100	52,600	16,500	57,700	1,500	1,600	7,900	500
<b>Social/related scientists, total</b> .....	151,100	62,500	88,600	131,600	7,500	6,600	4,800	400
<b>Engineers, total</b> .....	375,900	340,900	34,900	295,100	8,100	13,300	58,400	1,000
<b>Non-S&amp;E occupations, total</b> .....	1,851,900	1,085,200	766,700	1,560,300	121,400	58,900	106,200	5,200
Managers/administrators .....	724,800	522,400	202,400	613,900	44,700	21,600	43,000	1,700
Other non-S&E occupations .....	1,127,100	562,800	564,300	946,400	76,600	37,300	63,200	3,500
<b>Doctorate</b>								
<b>All occupations, total</b> <sup>2</sup> .....	696,000	528,000	168,000	562,200	21,300	19,100	91,100	2,200
<b>S&amp;E occupations, total</b> .....	454,700	348,300	106,400	363,600	9,600	10,700	69,200	1,600
<b>Scientists, total</b> .....	375,300	274,200	101,000	309,100	8,600	9,300	46,900	1,400
<b>Computer/math scientists, total</b> ....	59,000	48,500	10,500	43,800	1,100	1,600	12,300	200
<b>Life/related scientists, total</b> .....	111,800	80,600	31,200	90,700	1,800	2,600	16,500	300
<b>Physical/related scientists, total</b> ...	83,700	73,000	10,700	68,200	1,400	1,700	12,100	200
<b>Social/related scientists, total</b> .....	120,800	72,200	48,600	106,400	4,400	3,300	5,900	700
<b>Engineers, total</b> .....	79,400	74,100	5,300	54,500	1,100	1,500	22,300	100
<b>Non-S&amp;E occupations, total</b> .....	241,300	179,700	61,700	198,700	11,700	8,400	21,900	700
Managers/administrators .....	102,400	83,200	19,200	85,700	5,200	2,400	8,800	200
Other non-S&E occupations .....	138,900	96,500	42,400	112,900	6,500	6,000	13,100	400

<sup>1</sup> Includes professional degrees

<sup>2</sup> Total excludes 18,700 individuals who reported never having worked.

**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.

**SOURCE:** National Science Foundation/Science Resources Studies Division, 1997 SESTAT (Scientists and Engineers Statistical Data System)