

**Table E-10. Employed U.S. scientists and engineers, by highest degree attained, occupation, sex, and race/ethnicity: 1993**

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> .....	9,793,500	6,729,500	3,064,100	8,303,300	503,100	306,800	650,800	29,600
<b>S&amp;E occupations, total</b> .....	3,303,400	2,547,900	755,500	2,777,500	119,400	97,200	299,300	10,000
<b>Scientists, total</b> .....	1,912,300	1,276,400	635,900	1,612,100	79,800	53,800	160,500	6,100
<b>Computer/math scientists, total</b> ....	991,500	686,100	305,400	827,700	44,500	26,300	90,600	2,400
<b>Life/related scientists, total</b> .....	322,300	212,600	109,700	269,300	10,400	10,100	31,300	1,100
<b>Physical/related scientists, total</b> ...	280,900	221,100	59,900	237,600	8,000	7,100	27,200	1,000
<b>Social/related scientists, total</b> .....	317,600	156,600	160,900	277,500	16,800	10,300	11,400	1,600
<b>Engineers, total</b> .....	1,391,100	1,271,500	119,600	1,165,400	39,700	43,400	138,800	3,900
<b>Non-S&amp;E occupations, total</b> .....	6,490,100	4,181,600	2,308,600	5,525,800	383,700	209,600	351,500	19,600
Managers/administrators .....	1,994,400	1,499,700	494,700	1,731,100	101,800	58,500	97,000	6,100
Other non-S&E occupations .....	4,495,700	2,681,900	1,813,900	3,794,700	281,900	151,100	254,500	13,500
<b>Bachelor's</b>								
<b>All occupations, total<sup>2</sup></b> .....	5,727,200	3,876,700	1,850,500	4,866,300	320,100	191,500	330,900	18,400
<b>S&amp;E occupations, total</b> .....	1,980,300	1,553,200	427,200	1,700,100	83,400	62,600	127,600	6,600
<b>Scientists, total</b> .....	1,007,000	664,900	342,100	859,100	52,000	31,100	61,000	3,800
<b>Computer/math scientists, total</b> ....	676,200	457,700	218,500	574,800	34,500	19,800	45,300	1,900
<b>Life/related scientists, total</b> .....	131,600	82,200	49,500	114,200	5,800	4,900	6,100	700
<b>Physical/related scientists, total</b> ...	130,700	96,900	33,700	113,500	5,700	3,500	7,300	700
<b>Social/related scientists, total</b> .....	68,500	28,200	40,300	56,600	6,000	3,000	2,300	600
<b>Engineers, total</b> .....	973,300	888,200	85,100	841,000	31,400	31,500	66,600	2,700
<b>Non-S&amp;E occupations, total</b> .....	3,746,900	2,323,600	1,423,300	3,166,200	236,700	128,900	203,300	11,800
Managers/administrators .....	1,134,700	844,900	289,800	989,300	57,100	35,800	48,900	3,700
Other non-S&E occupations .....	2,612,200	1,478,600	1,133,500	2,176,900	179,600	93,100	154,400	8,100

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: 1993**

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> .....	2,575,600	1,688,100	887,500	2,155,400	129,400	73,100	210,700	7,000
<b>S&amp;E occupations, total</b> .....	891,300	657,300	234,000	725,900	26,000	24,200	113,300	1,900
<b>Scientists, total</b> .....	541,400	338,200	203,300	449,400	18,800	13,500	58,900	800
<b>Computer/math scientists, total</b> ....	263,600	185,400	78,200	212,100	8,300	5,300	37,600	300
<b>Life/related scientists, total</b> .....	70,400	40,500	29,900	57,400	2,700	1,900	8,300	100
<b>Physical/related scientists, total</b> ...	72,600	55,600	17,000	61,100	1,200	1,900	8,200	100
<b>Social/related scientists, total</b> .....	134,900	56,600	78,200	118,800	6,600	4,400	4,700	300
<b>Engineers, total</b> .....	349,900	319,100	30,800	276,600	7,200	10,700	54,400	1,000
<b>Non-S&amp;E occupations, total</b> .....	1,684,300	1,030,800	653,500	1,429,500	103,300	48,800	97,500	5,100
Managers/administrators .....	693,200	518,500	174,700	599,000	35,700	18,700	38,100	1,700
Other non-S&E occupations .....	991,100	512,300	478,700	830,500	67,600	30,100	59,400	3,400
<b>Doctorate</b>								
<b>All occupations, total</b> <sup>2</sup> .....	634,800	499,400	135,400	520,800	20,500	16,800	74,300	2,400
<b>S&amp;E occupations, total</b> .....	395,600	311,500	84,100	321,300	9,000	9,100	54,800	1,400
<b>Scientists, total</b> .....	330,500	250,000	80,600	275,900	8,000	8,000	37,400	1,300
<b>Computer/math scientists, total</b> ....	48,700	40,400	8,300	38,500	1,200	1,300	7,600	200
<b>Life/related scientists, total</b> .....	98,100	73,300	24,800	79,900	1,500	2,400	13,900	300
<b>Physical/related scientists, total</b> ...	77,000	68,300	8,700	62,400	1,100	1,700	11,600	200
<b>Social/related scientists, total</b> .....	106,700	68,000	38,700	95,100	4,100	2,600	4,300	700
<b>Engineers, total</b> .....	65,000	61,500	3,500	45,400	1,000	1,100	17,500	100
<b>Non-S&amp;E occupations, total</b> .....	239,200	187,900	51,300	199,500	11,500	7,800	19,500	1,000
Managers/administrators .....	119,000	99,300	19,700	101,900	5,200	2,500	8,800	600
Other non-S&E occupations .....	120,200	88,700	31,600	97,600	6,300	5,300	10,700	400

<sup>1</sup> Includes professional degrees  
<sup>2</sup> Total excludes 37,000 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 are employed in an S&E occupation.  
 Figures are rounded to nearest hundred. Details may not add to total because of rounding.

**SOURCE:** National Science Foundation/Science Resources Studies Division, 1993 SESTAT (Scientists and Engineers Statistical Data System)