

Table E-1. Employed U.S. scientists and engineers, by occupation and highest degree attained: 1999

Occupation	Employed S&Es, total	Level of highest degree			
		Bachelor's	Master's	Doctorate	Professional
All occupations, total	10,981,600	6,350,100	2,982,000	736,700	912,900
S&E occupations, total	3,540,800	1,994,400	1,032,100	484,100	30,200
Scientists, total	2,170,500	1,087,100	655,500	399,900	28,000
Computer/math sci, total	1,167,400	740,500	354,100	67,100	5,700
Computer/information scientists	1,058,100	715,400	304,800	32,400	5,500
Mathematical scientists	36,200	12,400	16,000	7,900	S
Postsecondary teachers- computer math sci	73,000	12,700	33,300	26,800	200
Life/related scientists, total	341,900	135,500	72,500	121,100	12,800
Agricultural/food scientists	39,700	20,100	10,400	9,200	S
Biological scientists	206,500	87,900	42,700	70,000	5,900
Environmental life scientists	19,800	14,600	4,000	1,200	S
Postsecondary teachers- life/related sciences	75,800	12,800	15,500	40,800	6,800
Physical/related scientists, total	297,900	139,600	73,000	84,900	400
Chemistry, except biochemistry	121,700	70,500	23,000	28,100	100
Earth scientists/ geologists/oceanographers	72,800	38,000	24,300	10,400	200
Physicists/astronomers	30,400	7,200	8,500	14,700	S
Other physical/related scientists	22,200	13,100	7,300	1,800	S
Postsecondary teachers- physical/related sci	50,700	10,900	9,800	29,800	100
Social/related scientists, total	363,400	71,400	155,900	126,900	9,200
Economists	35,400	11,800	15,200	8,100	400
Political/related scientists	11,600	5,800	4,200	1,400	200
Psychologists	197,000	32,100	102,400	58,000	4,500
Sociologists/anthropologists	17,600	6,900	6,900	3,700	100
Other social/related scientists	13,600	4,500	5,700	2,400	1,100
Postsecondary teachers- social/related sci	88,100	10,400	21,500	53,300	3,000
Engineers, total	1,370,300	907,400	376,500	84,200	2,200
Aerospace/related engineers	67,400	36,300	26,300	4,600	200
Chemical engineers	79,900	51,100	20,700	8,100	100
Civil/architectural engineers	223,700	160,800	57,200	5,100	500
Electrical/related engineers	362,300	233,500	109,400	18,400	1,000
Industrial engineers	81,200	62,700	17,400	1,000	S
Mechanical engineers	265,800	194,300	62,000	9,100	400
Other engineers	258,700	163,000	76,900	18,800	S
Postsecondary teachers-engineers	31,400	5,600	6,600	19,200	S

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

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Occupation	Employed S&Es, total	Level of highest degree			
		Bachelor's	Master's	Doctorate	Professional
Non-S&E occupations, total	7,440,800	4,355,700	1,949,900	252,600	882,700
Managers/administrators	2,035,600	1,156,800	726,600	98,400	53,700
Health/related	848,100	304,300	100,400	25,000	418,400
Teachers, except S&E postsecondary	807,700	379,700	345,700	64,500	17,800
Social service/related	475,800	215,300	239,800	12,000	8,700
Technology/technical	387,100	309,600	65,900	9,800	1,700
Sales/marketing	943,800	723,700	196,000	11,800	12,200
Art, humanities and related	164,900	107,400	48,800	6,000	2,700
Other non-S&E occupations	1,777,800	1,158,700	226,600	25,000	367,500

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)