

Table C-1. Employed U.S. scientists and engineers, by field and level of highest degree attained: 1997

Level and field of highest degree	Employed S&Es, total ¹	Level of highest degree		
		Bachelor's	Master's	Doctorate
All degree fields, total	10,585,600	6,193,700	2,819,800	696,000
S&E degree fields, total	7,704,000	5,683,700	1,431,600	580,300
Sciences, total	5,794,700	4,303,400	1,001,000	482,000
Computer/math sciences, total	1,003,300	721,600	244,700	36,900
Computer/information sciences	543,800	385,000	148,800	9,700
Mathematical sciences	459,500	336,600	95,800	27,200
Life/related sciences, total	1,204,700	884,500	156,600	162,500
Agricultural/food sciences	218,700	175,200	26,700	16,800
Biological sciences	889,100	634,500	112,500	141,200
Environmental life sciences	96,900	74,800	17,400	4,500
Physical/related sciences, total	619,200	381,900	114,500	122,200
Chemistry, except biochemistry	275,100	176,100	36,500	62,500
Earth science, geology and oceanography ...	146,900	96,300	34,400	16,100
Physics/astronomy	144,100	68,800	33,200	41,800
Other physical sciences	53,000	40,700	10,500	1,800
Social/related sciences, total	2,967,600	2,315,500	485,300	160,500
Economics	402,800	337,300	44,000	21,500
Political/related sciences	558,700	476,100	66,000	16,500
Psychology	1,112,800	750,000	271,500	85,000
Sociology/anthropology	558,600	496,300	39,500	22,800
Other social sciences	334,800	255,900	64,300	14,600
Engineering, total	1,909,200	1,380,300	430,600	98,200
Aerospace/related engineering	77,400	55,200	18,200	4,000
Chemical engineering	138,400	102,100	23,000	13,300
Civil/architectural engineering	322,300	243,800	69,200	9,400
Electrical/related engineering	582,100	413,200	142,700	26,300
Industrial engineering	105,400	79,300	22,800	3,300
Mechanical engineering	386,100	308,500	65,800	11,800
Other engineering	297,500	178,200	89,100	30,100
Non-S&E degrees, total	2,881,700	510,000	1,388,200	115,800
Business/management	703,100	161,200	525,200	12,000
Education	434,200	48,800	334,900	43,200
Health	589,900	59,700	95,200	—
Other non-S&E	1,154,500	240,400	432,900	60,600

¹ Includes professional degrees

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.

KEY: — = Not available because PhDs in health related fields are considered as S&E under Biological sciences

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