

Table C-1. Employed U.S. scientists and engineers, by field and level of highest degree attained: 1999

Field of highest degree	Employed S&Es, total ¹	Level of highest degree		
		Bachelor's	Master's	Doctorate
All degree fields, total	10,981,600	6,350,100	2,982,000	736,700
S&E degree fields, total	7,980,100	5,866,100	1,491,200	614,600
Sciences, total	6,043,700	4,486,100	1,040,400	509,000
Computer/math sciences, total	1,045,800	742,700	262,600	40,600
Computer/information sciences	586,500	413,500	160,900	12,100
Mathematical sciences	459,300	329,200	101,700	28,500
Life/related sciences, total	1,287,700	947,000	164,100	176,200
Agricultural/food sciences	230,400	182,300	30,100	18,100
Biological sciences	955,300	686,000	116,200	153,100
Environmental life sciences	102,100	78,700	17,900	5,000
Physical/related sciences, total	621,700	380,900	113,900	125,900
Chemistry, except biochemistry	276,200	175,100	37,400	63,600
Earth science, geology and oceanography ...	152,800	101,800	34,200	16,500
Physics/astronomy	144,000	66,900	32,500	43,800
Other physical sciences	48,800	37,000	9,800	1,900
Social/related sciences, total	3,088,400	2,415,500	499,800	166,400
Economics	406,500	340,300	43,700	22,500
Political/related sciences	567,000	482,900	67,400	16,700
Psychology	1,166,100	794,500	276,100	88,800
Sociology/anthropology	592,700	525,200	44,400	23,100
Other social sciences	356,100	272,600	68,100	15,300
Engineering, total	1,936,400	1,380,000	450,800	105,600
Aerospace/related engineering	76,300	53,600	17,800	4,900
Chemical engineering	147,700	112,000	22,000	13,600
Civil/architectural engineering	330,200	247,000	73,300	9,900
Electrical/related engineering	587,000	407,400	151,300	28,300
Industrial engineering	106,200	79,500	23,500	3,300
Mechanical engineering	386,000	304,200	68,300	13,500
Other engineering	303,000	176,300	94,600	32,100
Non-S&E degrees, total	3,001,500	484,000	1,490,800	122,100
Business/management	728,700	153,200	558,600	12,600
Education	452,900	45,200	355,000	45,700
Health	618,100	59,100	113,600	—
Other non-S&E	1,201,800	226,500	463,600	63,800

¹ Total includes professional degrees not broken out separately.

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: — = Not applicable because Ph.D.s in health related fields are considered as S&E under Biological sciences

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