

**Table E-1. Employed U.S. scientists and engineers, by occupation and highest degree attained: 1993**

Occupation	Employed S&Es, total	Level of highest degree			
		Bachelor's	Master's	Doctorate	Professional
<b>All occupations, total<sup>1</sup></b> .....	9,793,500	5,727,200	2,575,600	634,800	856,000
<b>S&amp;E occupations, total</b> .....	3,303,400	1,980,300	891,300	395,600	36,200
<b>Scientists, total</b> .....	1,912,300	1,007,000	541,400	330,500	33,300
<b>Computer/math sci, total</b> .....	991,500	676,200	263,600	48,700	3,000
Computer/information scientists .....	870,000	637,300	212,400	17,500	2,800
Mathematical scientists .....	46,800	21,200	18,200	7,400	100
Postsecondary teachers- computer math sci .....	74,700	17,800	33,000	23,800	100
<b>Life/related scientists, total</b> .....	322,300	131,600	70,400	98,100	22,200
Agricultural/food scientists .....	44,600	27,000	9,700	7,800	S
Biological scientists .....	175,900	72,300	37,100	56,400	10,100
Environmental life scientists .....	24,800	18,000	6,000	900	S
Postsecondary teachers- life/related sciences .....	77,000	14,400	17,700	33,000	12,000
<b>Physical/related scientists, total</b> .....	280,900	130,700	72,600	77,000	700
Chemistry, except biochemistry .....	114,200	66,500	21,100	25,800	600
Earth scientists/ geologists/oceanographers .....	68,700	35,100	23,900	9,800	S
Physicists/astronomers .....	34,900	8,900	11,000	15,000	S
Other physical/related scientists .....	17,700	9,200	6,400	2,000	100
Postsecondary teachers- physical/related sci .....	45,500	11,000	10,200	24,300	S
<b>Social/related scientists, total</b> .....	317,600	68,500	134,900	106,700	7,500
Economists .....	31,100	10,800	13,500	6,300	600
Political/related scientists .....	8,600	5,400	1,900	1,200	100
Psychologists .....	150,800	25,800	76,400	44,300	4,200
Sociologists/anthropologists .....	15,100	5,700	6,300	3,100	S
Other social/related scientists .....	24,000	8,700	11,200	3,000	1,100
Postsecondary teachers- social/related sci .....	88,100	12,100	25,600	48,900	1,500
<b>Engineers, total</b> .....	1,391,100	973,300	349,900	65,000	2,900
Aerospace/related engineers .....	84,100	54,200	26,200	3,600	100
Chemical engineers .....	77,700	49,900	21,800	6,000	S
Civil/architectural engineers .....	191,500	139,700	47,800	3,200	800
Electrical/related engineers .....	362,500	251,800	98,500	11,600	600
Industrial engineers .....	70,200	54,700	15,100	400	100
Mechanical engineers .....	253,300	194,400	51,800	6,500	700
Other engineers .....	318,600	222,300	79,600	16,000	700
Postsecondary teachers-engineers .....	33,100	6,200	9,100	17,700	S

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

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occupation and highest degree attained: 1993**

Occupation	Employed S&Es, total	Level of highest degree			
		Bachelor's	Master's	Doctorate	Professional
<b>Non-S&amp;E occupations, total</b> .....	6,490,100	3,746,900	1,684,300	239,200	819,800
Managers/administrators .....	1,994,400	1,134,700	693,200	119,000	47,500
Health/related .....	758,000	235,700	83,600	21,100	417,600
Teachers, except S&E postsecondary .....	659,500	299,700	301,900	46,900	11,000
Social service/related .....	373,600	156,900	197,300	10,700	8,800
Technology/technical .....	348,700	279,700	62,000	5,900	1,100
Sales/marketing .....	748,300	600,000	132,400	7,400	8,600
Art, humanities and related .....	116,400	75,200	33,800	4,800	2,600
Other non-S&E occupations .....	1,491,300	965,000	180,200	23,400	322,700

<sup>1</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.

**KEY:** S = Suppressed for reasons of confidentiality and/or data reliability

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