

Table A-4. U.S. scientists and engineers, by broad field of highest degree attained, selected occupations, and degree level: 1995

Field of highest degree and selected occupations	Level of highest degree			
	All degree levels, total ¹	Bachelor's	Master's	Doctorate
All degree fields	10,114,500	5,926,700	2,656,800	689,900
S&E occupations, total	3,185,600	1,845,800	891,600	417,100
Non-S&E occupations, total	6,928,900	4,080,900	1,765,200	272,800
Managers/administrators	1,963,200	1,095,200	697,100	119,400
Health related occupations	758,000	257,600	84,000	22,500
Teachers, precollegiate	587,600	298,500	264,000	19,400
Teachers, postsecondary non-S&E ²	120,400	20,800	42,900	48,100
Social services related occupations	413,400	190,900	199,300	14,700
Technicians/technologists	378,500	306,400	63,400	7,900
Sales/marketing occupations	875,800	689,200	168,500	8,200
Arts, humanities/related occupations	145,500	92,300	43,200	5,600
Other non-S&E occupations	1,686,500	1,130,200	202,800	27,000
Computer/math science degree fields	955,400	687,700	230,700	36,900
S&E occupations, total	446,200	292,400	124,500	29,200
Non-S&E occupations, total	509,300	395,300	106,300	7,700
Managers/administrators	151,600	105,200	42,300	4,000
Health related occupations	3,900	3,300	500	100
Teachers, precollegiate	68,000	47,600	20,100	200
Teachers, postsecondary non-S&E ²	2,800	1,100	1,000	700
Social services related occupations	4,000	3,700	300	S
Technicians/technologists	130,600	104,900	24,100	1,600
Sales/marketing occupations	47,000	39,900	7,100	S
Arts, humanities/related occupations	4,800	3,700	1,000	100
Other non-S&E occupations	96,700	85,900	9,900	900
Life/related science degree fields	1,127,800	820,200	149,400	157,200
S&E occupations, total	297,300	140,600	57,600	98,800
Non-S&E occupations, total	830,500	679,600	91,700	58,400
Managers/administrators	167,800	121,500	21,600	24,600
Health related occupations	154,500	120,000	17,500	16,800
Teachers, precollegiate	74,200	53,900	19,500	800
Teachers, postsecondary non-S&E ²	11,700	3,100	900	7,700
Social services related occupations	7,100	4,000	2,600	500
Technicians/technologists	59,500	50,000	7,800	1,600
Sales/marketing occupations	122,500	112,100	7,600	2,400
Arts, humanities/related occupations	13,300	10,100	2,200	1,000
Other non-S&E occupations	219,800	204,800	11,900	3,100
Physical/related science degree fields	605,200	374,500	112,200	118,100
S&E occupations, total	312,900	155,900	68,200	88,700
Non-S&E occupations, total	292,200	218,500	44,000	29,400
Managers/administrators	95,800	57,600	18,400	19,800
Health related occupations	17,100	13,600	2,200	1,400
Teachers, precollegiate	25,400	16,000	8,400	1,100
Teachers, postsecondary non-S&E ²	2,100	600	1,000	500
Social services related occupations	3,200	2,300	600	200
Technicians/technologists	32,700	26,000	4,500	2,100
Sales/marketing occupations	43,100	38,800	2,800	1,500
Arts, humanities/related occupations	5,400	4,400	500	600
Other non-S&E occupations	67,400	59,300	5,700	2,100

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

Table A-4. U.S. scientists and engineers, by broad field of highest degree attained, selected occupations, and degree level: 1995

Field of highest degree and selected occupations	Level of highest degree			
	All degree levels, total ¹	Bachelor's	Master's	Doctorate
Social/related science degree fields	2,787,700	2,165,400	461,100	154,800
S&E occupations, total	384,500	154,700	118,600	107,300
Non-S&E occupations, total	2,403,100	2,010,700	342,600	47,500
Managers/administrators	654,100	516,200	112,300	24,600
Health related occupations	90,700	71,700	16,000	2,100
Teachers, precollegiate	211,100	161,900	46,800	2,300
Teachers, postsecondary non-S&E ²	29,100	11,800	8,700	8,700
Social services related occupations	238,000	173,100	62,600	2,000
Technicians/technologists	45,700	41,000	4,200	500
Sales/marketing occupations	420,700	389,200	29,900	1,600
Arts, humanities/related occupations	69,900	54,000	14,200	1,700
Other non-S&E occupations	643,900	591,900	47,900	4,100
Engineering degree field	1,856,900	1,360,800	405,800	90,300
S&E occupations, total	1,193,900	835,400	291,500	67,000
Non-S&E occupations, total	663,100	525,400	114,400	23,300
Managers/administrators	324,800	234,300	73,000	17,500
Health related occupations	6,000	4,700	600	600
Teachers, precollegiate	9,100	7,100	1,700	400
Teachers, postsecondary non-S&E ²	3,600	2,700	400	500
Social services related occupations	4,400	4,000	400	S
Technicians/technologists	63,400	52,800	9,100	1,400
Sales/marketing occupations	91,200	76,300	13,900	900
Arts, humanities/related occupations	8,800	7,700	1,000	100
Other non-S&E occupations	151,700	135,500	14,300	1,800
Non-S&E degree fields, total	2,781,400	518,200	1,297,500	132,600
S&E occupations, total	550,700	266,700	231,300	26,200
Non-S&E occupations, total	2,230,700	251,400	1,066,200	106,400
Managers/administrators	569,100	60,300	429,400	29,000
Health related occupations	485,800	44,200	47,300	1,500
Teachers, precollegiate	199,800	12,000	167,500	14,600
Teachers, postsecondary non-S&E ²	71,000	1,500	31,000	29,800
Social services related occupations	156,700	3,800	132,800	11,900
Technicians/technologists	46,700	31,600	13,500	700
Sales/marketing occupations	151,300	33,000	107,200	1,800
Arts, humanities/related occupations	43,300	12,300	24,400	2,000
Other non-S&E occupations	507,000	52,700	113,000	15,000

¹ Includes professional degrees

² S&E Postsecondary teachers are included in the respective S&E fields.

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 or 1995 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 Studies Division, 1995 SESTAT (Scientists and Engineers Statistical Data System)