

**Table A-4. U.S. scientists and engineers, by broad field of highest degree attained, selected occupations, and degree level: 1993**

Field of highest degree and selected occupations	Level of highest degree			
	All degree levels, total <sup>1</sup>	Bachelor's	Master's	Doctorate
<b>All degree fields</b> .....	9,793,500	5,727,200	2,575,600	634,800
<b>S&amp;E occupations, total</b> .....	3,303,400	1,980,300	891,300	395,600
<b>Non-S&amp;E occupations, total</b> .....	6,490,100	3,746,900	1,684,300	239,200
Managers/administrators .....	1,994,400	1,134,700	693,200	119,000
Health related occupations .....	758,000	235,700	83,600	21,100
Teachers, precollegiate .....	555,000	279,600	264,100	7,700
Teachers, postsecondary non-S&E <sup>2</sup> .....	104,500	20,100	37,800	39,200
Social services related occupations .....	373,600	156,900	197,300	10,700
Technicians/technologists .....	348,700	279,700	62,000	5,900
Sales/marketing occupations .....	748,300	600,000	132,400	7,400
Arts, humanities/related occupations .....	116,400	75,200	33,800	4,800
Other non-S&E occupations .....	1,491,300	965,000	180,200	23,400
<b>Computer/math science degree fields</b> .....	918,000	663,800	221,400	32,800
<b>S&amp;E occupations, total</b> .....	413,100	270,500	116,300	26,300
<b>Non-S&amp;E occupations, total</b> .....	504,900	393,300	105,100	6,500
Managers/administrators .....	156,700	109,800	42,700	4,200
Health related occupations .....	3,400	3,000	300	100
Teachers, precollegiate .....	65,300	43,100	22,000	100
Teachers, postsecondary non-S&E <sup>2</sup> .....	2,100	600	1,100	400
Social services related occupations .....	3,600	3,100	500	S
Technicians/technologists .....	142,100	116,400	24,600	1,000
Sales/marketing occupations .....	41,500	36,500	4,900	100
Arts, humanities/related occupations .....	2,000	1,300	600	100
Other non-S&E occupations .....	88,300	79,400	8,300	500
<b>Life/related science degree fields</b> .....	1,073,100	773,600	151,000	148,500
<b>S&amp;E occupations, total</b> .....	299,100	148,100	58,000	93,000
<b>Non-S&amp;E occupations, total</b> .....	774,000	625,500	93,000	55,500
Managers/administrators .....	182,900	133,000	24,100	25,800
Health related occupations .....	138,100	106,100	16,100	15,800
Teachers, precollegiate .....	73,300	51,300	21,300	700
Teachers, postsecondary non-S&E <sup>2</sup> .....	10,800	3,000	1,200	6,600
Social services related occupations .....	7,800	6,000	1,400	400
Technicians/technologists .....	53,500	45,500	6,800	1,200
Sales/marketing occupations .....	104,400	96,500	6,500	1,400
Arts, humanities/related occupations .....	12,100	9,400	2,000	600
Other non-S&E occupations .....	191,200	174,600	13,700	2,900
<b>Physical/related science degree fields</b> .....	599,800	372,500	111,300	115,900
<b>S&amp;E occupations, total</b> .....	308,800	153,900	68,900	86,000
<b>Non-S&amp;E occupations, total</b> .....	290,900	218,600	42,400	29,900
Managers/administrators .....	108,900	68,300	19,300	21,400
Health related occupations .....	15,400	11,900	1,600	1,900
Teachers, precollegiate .....	25,200	16,300	8,400	600
Teachers, postsecondary non-S&E <sup>2</sup> .....	2,000	300	800	800
Social services related occupations .....	2,900	2,200	500	200
Technicians/technologists .....	31,900	26,500	3,800	1,600
Sales/marketing occupations .....	41,700	37,900	2,500	1,300
Arts, humanities/related occupations .....	5,700	4,600	600	400
Other non-S&E occupations .....	57,200	50,600	4,900	1,700

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: 1993**

Field of highest degree and selected occupations	Level of highest degree			
	All degree levels, total <sup>1</sup>	Bachelor's	Master's	Doctorate
<b>Social/related science degree fields</b> .....	2,611,200	2,004,400	453,900	147,300
<b>S&amp;E occupations, total</b> .....	345,100	134,000	107,600	100,100
<b>Non-S&amp;E occupations, total</b> .....	2,266,100	1,870,400	346,300	47,200
Managers/administrators .....	689,400	543,000	118,400	27,800
Health related occupations .....	99,300	72,800	23,100	2,100
Teachers, precollegiate .....	200,900	148,500	51,700	800
Teachers, postsecondary non-S&E <sup>2</sup> .....	30,500	13,600	8,800	8,100
Social services related occupations .....	206,200	140,000	63,500	2,000
Technicians/technologists .....	44,300	39,500	4,500	400
Sales/marketing occupations .....	370,100	346,700	21,900	1,600
Arts, humanities/related occupations .....	65,200	51,900	11,900	1,400
Other non-S&E occupations .....	560,200	514,500	42,600	3,100
<b>Engineering degree field</b> .....	1,833,700	1,358,300	390,700	84,700
<b>S&amp;E occupations, total</b> .....	1,151,700	818,200	272,300	61,200
<b>Non-S&amp;E occupations, total</b> .....	682,100	540,100	118,400	23,500
Managers/administrators .....	356,500	260,900	77,600	18,000
Health related occupations .....	4,800	3,600	800	400
Teachers, precollegiate .....	11,100	8,800	2,000	200
Teachers, postsecondary non-S&E <sup>2</sup> .....	4,200	2,400	1,000	800
Social services related occupations .....	2,600	2,600	S	100
Technicians/technologists .....	62,000	50,000	10,400	1,600
Sales/marketing occupations .....	86,000	74,400	10,300	1,300
Arts, humanities/related occupations .....	6,500	5,800	600	100
Other non-S&E occupations .....	148,400	131,600	15,700	1,100
<b>Non-S&amp;E degree fields, total</b> .....	2,757,700	554,500	1,247,100	105,600
<b>S&amp;E occupations, total</b> .....	785,600	455,600	268,200	28,900
<b>Non-S&amp;E occupations, total</b> .....	1,972,100	98,900	979,000	76,600
Managers/administrators .....	500,000	19,600	411,200	21,900
Health related occupations .....	497,000	38,300	41,700	700
Teachers, precollegiate .....	179,100	11,600	158,600	5,300
Teachers, postsecondary non-S&E <sup>2</sup> .....	55,000	200	25,000	22,500
Social services related occupations .....	150,500	3,100	131,400	7,900
Technicians/technologists .....	15,000	1,700	12,000	200
Sales/marketing occupations .....	104,600	8,100	86,300	1,700
Arts, humanities/related occupations .....	24,900	2,100	18,000	2,300
Other non-S&E occupations .....	446,000	14,300	94,900	14,100

<sup>1</sup> Includes professional degrees

<sup>2</sup> 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 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)