

TABLE H-5. Employed scientists and engineers, by occupation, highest degree level, and sex: 2006

Occupation	All degrees			Bachelor's			Master's			Doctorate		
	Both sexes	Female	Male	Both sexes	Female	Male	Both sexes	Female	Male	Both sexes	Female	Male
All occupations	18,927,000	8,244,000	10,683,000	10,886,000	4,878,000	6,007,000	5,384,000	2,506,000	2,878,000	883,000	267,000	616,000
S&E occupations	5,024,000	1,310,000	3,714,000	2,911,000	690,000	2,221,000	1,497,000	437,000	1,061,000	566,000	161,000	405,000
Scientist	3,403,000	1,122,000	2,281,000	1,865,000	572,000	1,292,000	1,023,000	377,000	647,000	467,000	152,000	316,000
Biological/life scientist	487,000	213,000	274,000	203,000	103,000	100,000	113,000	53,000	60,000	154,000	52,000	102,000
Agricultural/food scientist	57,000	18,000	38,000	32,000	12,000	20,000	15,000	4,000	10,000	10,000	2,000	8,000
Biological/medical scientist	336,000	166,000	170,000	137,000	81,000	56,000	76,000	42,000	34,000	107,000	39,000	69,000
Forestry and conservation scientist	35,000	5,000	30,000	22,000	3,000	19,000	11,000	1,000	10,000	2,000	*	1,000
Postsecondary teacher	60,000	24,000	36,000	13,000	7,000	5,000	11,000	6,000	5,000	34,000	10,000	24,000
Computer and information scientist	1,963,000	502,000	1,461,000	1,350,000	339,000	1,011,000	557,000	153,000	404,000	50,000	8,000	42,000
Computer/information scientist	1,938,000	494,000	1,444,000	1,345,000	338,000	1,008,000	546,000	149,000	397,000	41,000	6,000	35,000
Postsecondary teacher	25,000	8,000	18,000	5,000	1,000	4,000	11,000	5,000	6,000	9,000	2,000	7,000
Mathematical scientist	149,000	58,000	91,000	44,000	18,000	27,000	70,000	30,000	40,000	33,000	9,000	24,000
Mathematical scientist	85,000	32,000	52,000	32,000	13,000	20,000	39,000	16,000	23,000	12,000	3,000	8,000
Postsecondary teacher	64,000	25,000	39,000	12,000	5,000	7,000	31,000	15,000	17,000	21,000	5,000	15,000
Physical scientist	334,000	95,000	239,000	159,000	53,000	106,000	84,000	27,000	57,000	89,000	15,000	74,000
Chemist, except biochemist	134,000	47,000	86,000	79,000	31,000	48,000	26,000	11,000	15,000	28,000	5,000	23,000
Earth scientist/geologist/oceanographer	80,000	16,000	64,000	39,000	8,000	31,000	30,000	6,000	24,000	11,000	2,000	9,000
Physicist/astronomer	29,000	4,000	25,000	6,000	1,000	5,000	7,000	1,000	5,000	16,000	2,000	14,000
Other physical scientist	39,000	12,000	27,000	25,000	8,000	17,000	10,000	3,000	7,000	3,000	1,000	2,000
Postsecondary teacher	52,000	15,000	37,000	9,000	4,000	5,000	11,000	5,000	6,000	31,000	6,000	25,000
Psychologist	211,000	137,000	74,000	22,000	16,000	6,000	98,000	68,000	30,000	76,000	42,000	33,000
Psychologist	177,000	118,000	59,000	19,000	14,000	5,000	87,000	61,000	26,000	56,000	32,000	24,000
Postsecondary teacher	34,000	19,000	15,000	3,000	2,000	D	11,000	7,000	4,000	19,000	10,000	9,000
Social scientist	259,000	118,000	141,000	86,000	44,000	42,000	102,000	45,000	57,000	66,000	26,000	40,000
Economist	33,000	12,000	21,000	9,000	4,000	5,000	17,000	6,000	11,000	8,000	2,000	6,000
Political scientist	20,000	11,000	9,000	10,000	7,000	3,000	8,000	3,000	5,000	2,000	1,000	1,000
Sociologist/anthropologist	21,000	10,000	11,000	8,000	3,000	5,000	9,000	5,000	4,000	4,000	2,000	2,000
Other social scientist	103,000	51,000	53,000	50,000	24,000	27,000	43,000	21,000	23,000	8,000	5,000	3,000
Postsecondary teacher	81,000	34,000	47,000	10,000	7,000	3,000	25,000	10,000	15,000	44,000	17,000	27,000
Engineer	1,621,000	187,000	1,433,000	1,046,000	118,000	928,000	474,000	60,000	414,000	99,000	10,000	89,000
Aerospace engineer	96,000	8,000	88,000	57,000	5,000	52,000	32,000	3,000	29,000	6,000	*	6,000
Chemical engineer	80,000	18,000	62,000	51,000	14,000	37,000	21,000	3,000	18,000	9,000	1,000	8,000
Civil engineer	266,000	38,000	229,000	185,000	25,000	161,000	75,000	12,000	63,000	5,000	1,000	5,000
Electrical engineer	395,000	34,000	361,000	242,000	18,000	224,000	128,000	14,000	114,000	24,000	2,000	22,000
Industrial engineer	93,000	12,000	81,000	65,000	8,000	57,000	25,000	3,000	22,000	2,000	*	2,000
Mechanical engineer	305,000	21,000	284,000	211,000	14,000	197,000	84,000	6,000	78,000	9,000	*	9,000
Other engineer	348,000	52,000	296,000	227,000	33,000	194,000	99,000	17,000	82,000	22,000	3,000	19,000
Postsecondary teacher	38,000	5,000	33,000	8,000	1,000	7,000	9,000	2,000	8,000	21,000	2,000	19,000
S&E-related occupations	5,246,000	2,986,000	2,260,000	2,810,000	1,830,000	980,000	1,266,000	783,000	483,000	97,000	38,000	59,000
Health-related occupation	3,625,000	2,376,000	1,250,000	1,865,000	1,494,000	371,000	646,000	526,000	120,000	53,000	26,000	28,000

TABLE H-5. Employed scientists and engineers, by occupation, highest degree level, and sex: 2006

Occupation	All degrees			Bachelor's			Master's			Doctorate		
	Both sexes	Female	Male	Both sexes	Female	Male	Both sexes	Female	Male	Both sexes	Female	Male
S&E manager	382,000	114,000	268,000	199,000	55,000	144,000	152,000	50,000	101,000	27,000	6,000	20,000
S&E precollege teacher	644,000	341,000	303,000	283,000	161,000	122,000	343,000	171,000	172,000	12,000	5,000	7,000
S&E technician/technologist	371,000	104,000	267,000	306,000	85,000	222,000	59,000	18,000	41,000	4,000	1,000	4,000
Other S&E-related occupation	224,000	52,000	171,000	156,000	35,000	121,000	67,000	17,000	49,000	1,000	D	*
Non-S&E occupations	8,657,000	3,948,000	4,709,000	5,165,000	2,358,000	2,807,000	2,621,000	1,286,000	1,335,000	220,000	69,000	152,000
Art, humanities, and related occupation	262,000	138,000	125,000	165,000	89,000	77,000	82,000	43,000	39,000	8,000	4,000	4,000
Management-related occupation	1,361,000	592,000	768,000	816,000	371,000	445,000	473,000	194,000	279,000	42,000	12,000	30,000
Non-S&E manager	1,118,000	273,000	845,000	528,000	118,000	410,000	480,000	129,000	351,000	67,000	19,000	49,000
Non-S&E postsecondary teacher	141,000	67,000	74,000	29,000	17,000	11,000	57,000	30,000	27,000	47,000	15,000	32,000
Non-S&E precollege teacher	724,000	570,000	154,000	360,000	292,000	67,000	350,000	268,000	82,000	6,000	3,000	3,000
Sales and marketing occupation	1,435,000	513,000	923,000	1,080,000	391,000	690,000	313,000	111,000	202,000	16,000	4,000	12,000
Social services and related occupation	714,000	492,000	222,000	271,000	187,000	84,000	410,000	295,000	114,000	14,000	4,000	10,000
Other non-S&E occupation	2,902,000	1,303,000	1,599,000	1,915,000	892,000	1,024,000	456,000	216,000	240,000	20,000	8,000	12,000

D = suppressed for data confidentiality reasons.

* = estimate less than 500.

NOTES: Numbers are rounded to nearest 1,000. Detail may not add to total because of rounding and suppression. All degrees includes professional degrees not shown separately. Scientists and engineers refer to all persons with bachelor's or higher degrees in science, engineering (S&E) or S&E-related fields, plus persons holding a non-S&E bachelor's or higher degree who were employed in an S&E or S&E-related occupation in 2003. Other datasets are more appropriate for characterizing the entire U.S. labor force, including those with a bachelor's or higher degree. See tables H-1 to H-4.

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