

TABLE H-7. Employed scientists and engineers, by occupation, highest degree level, race/ethnicity, and sex: 2006

Highest degree and occupation	All races/ethnicities		White		Asian		Black		Hispanic		American Indian/ Alaska Native	
	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male
	All degrees	8,244,000	10,683,000	6,139,000	8,332,000	801,000	1,132,000	617,000	458,000	485,000	541,000	43,000
S&E occupations	1,310,000	3,714,000	913,000	2,764,000	227,000	583,000	74,000	123,000	65,000	165,000	6,000	15,000
Scientist	1,122,000	2,281,000	794,000	1,671,000	190,000	385,000	63,000	83,000	51,000	91,000	5,000	12,000
Biological/life scientist	213,000	274,000	152,000	212,000	38,000	39,000	6,000	7,000	12,000	9,000	1,000	3,000
Computer and information scientist	502,000	1,461,000	327,000	1,012,000	111,000	299,000	36,000	60,000	18,000	59,000	1,000	3,000
Mathematical scientist	58,000	91,000	41,000	73,000	9,000	10,000	5,000	3,000	2,000	3,000	D	D
Physical scientist	95,000	239,000	68,000	195,000	17,000	26,000	3,000	5,000	5,000	9,000	1,000	1,000
Psychologist	137,000	74,000	116,000	65,000	4,000	2,000	6,000	3,000	8,000	4,000	1,000	*
Social scientist	118,000	141,000	91,000	113,000	10,000	9,000	7,000	5,000	5,000	7,000	1,000	4,000
Engineer	187,000	1,433,000	120,000	1,093,000	37,000	198,000	11,000	41,000	14,000	74,000	1,000	3,000
S&E-related occupations	2,986,000	2,260,000	2,274,000	1,768,000	278,000	230,000	217,000	86,000	143,000	130,000	18,000	8,000
Non-S&E occupations	3,948,000	4,709,000	2,952,000	3,801,000	297,000	319,000	326,000	249,000	278,000	247,000	20,000	18,000
Bachelor's	4,878,000	6,007,000	3,626,000	4,726,000	438,000	530,000	376,000	272,000	305,000	332,000	28,000	25,000
S&E occupations	690,000	2,221,000	497,000	1,720,000	89,000	247,000	46,000	80,000	39,000	117,000	3,000	10,000
Scientist	572,000	1,292,000	418,000	981,000	73,000	163,000	38,000	51,000	29,000	62,000	2,000	8,000
Biological/life scientist	103,000	100,000	77,000	82,000	13,000	6,000	3,000	3,000	6,000	4,000	D	3,000
Computer and information scientist	339,000	1,011,000	241,000	752,000	49,000	145,000	27,000	43,000	14,000	47,000	D	2,000
Mathematical scientist	18,000	27,000	14,000	22,000	1,000	2,000	1,000	2,000	1,000	1,000	D	D
Physical scientist	53,000	106,000	40,000	88,000	7,000	7,000	3,000	3,000	3,000	6,000	D	1,000
Psychologist	16,000	6,000	11,000	4,000	D	D	2,000	D	2,000	2,000	D	D
Social scientist	44,000	42,000	36,000	33,000	2,000	2,000	3,000	1,000	2,000	3,000	D	D
Engineer	118,000	928,000	79,000	739,000	16,000	84,000	7,000	29,000	10,000	55,000	1,000	3,000
S&E-related occupations	1,830,000	980,000	1,395,000	761,000	158,000	93,000	138,000	37,000	87,000	62,000	12,000	4,000
Non-S&E occupations	2,358,000	2,807,000	1,734,000	2,244,000	191,000	190,000	192,000	154,000	179,000	154,000	13,000	11,000
Master's	2,506,000	2,878,000	1,888,000	2,190,000	244,000	384,000	196,000	130,000	131,000	123,000	11,000	10,000
S&E occupations	437,000	1,061,000	284,000	730,000	105,000	244,000	22,000	31,000	18,000	36,000	2,000	3,000
Scientist	377,000	647,000	248,000	433,000	89,000	159,000	18,000	22,000	14,000	19,000	1,000	2,000
Biological/life scientist	53,000	60,000	37,000	49,000	10,000	7,000	1,000	1,000	3,000	1,000	D	D
Computer and information scientist	153,000	404,000	80,000	230,000	58,000	139,000	9,000	16,000	4,000	11,000	D	D
Mathematical scientist	30,000	40,000	20,000	33,000	6,000	4,000	3,000	1,000	1,000	1,000	D	D
Physical scientist	27,000	57,000	18,000	48,000	6,000	6,000	1,000	1,000	1,000	1,000	D	D
Psychologist	68,000	30,000	59,000	26,000	3,000	D	2,000	1,000	4,000	1,000	D	D
Social scientist	45,000	57,000	33,000	47,000	6,000	2,000	3,000	2,000	2,000	3,000	D	D
Engineer	60,000	414,000	35,000	297,000	16,000	85,000	3,000	10,000	4,000	17,000	D	D
S&E-related occupations	783,000	483,000	626,000	384,000	53,000	44,000	58,000	25,000	33,000	22,000	3,000	1,000
Non-S&E occupations	1,286,000	1,335,000	978,000	1,077,000	86,000	96,000	117,000	73,000	80,000	65,000	6,000	6,000

TABLE H-7. Employed scientists and engineers, by occupation, highest degree level, race/ethnicity, and sex: 2006

Highest degree and occupation	All races/ethnicities		White		Asian		Black		Hispanic		American Indian/ Alaska Native	
	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female	Male
Doctorate	267,000	616,000	199,000	458,000	40,000	115,000	12,000	19,000	13,000	19,000	2,000	3,000
S&E occupations	161,000	405,000	117,000	293,000	29,000	88,000	6,000	10,000	7,000	11,000	1,000	2,000
Scientist	152,000	316,000	112,000	237,000	25,000	59,000	6,000	9,000	6,000	8,000	1,000	2,000
Biological/life scientist	52,000	102,000	35,000	72,000	12,000	23,000	1,000	3,000	2,000	3,000	1,000	1,000
Computer and information scientist	8,000	42,000	4,000	27,000	3,000	14,000	*	1,000	1,000	1,000	D	D
Mathematical scientist	9,000	24,000	6,000	18,000	2,000	5,000	*	*	*	1,000	D	D
Physical scientist	15,000	74,000	10,000	57,000	4,000	13,000	*	1,000	1,000	2,000	*	*
Psychologist	42,000	33,000	37,000	30,000	1,000	*	2,000	1,000	2,000	1,000	*	*
Social scientist	26,000	40,000	20,000	32,000	2,000	4,000	2,000	3,000	1,000	1,000	*	*
Engineer	10,000	89,000	5,000	56,000	4,000	29,000	*	2,000	*	2,000	D	*
S&E-related occupations	38,000	59,000	29,000	45,000	4,000	10,000	2,000	2,000	2,000	2,000	*	*
Non-S&E occupations	69,000	152,000	52,000	120,000	7,000	18,000	4,000	7,000	4,000	6,000	*	1,000

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. Total includes Native Hawaiian/Other Pacific Islander and multiple race not shown separately. 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).