

TABLE H-7. Employed scientists and engineers, by occupation, highest degree level, race/ethnicity and sex: 2003

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	7,582,200	10,437,200	5,694,700	8,259,200	704,800	1,017,100	583,000	453,200	427,600	509,300	38,400	37,800
S&E occupations	1,330,500	3,597,100	966,100	2,740,000	186,600	510,500	88,900	126,900	62,900	151,400	5,200	12,200
Scientist	1,158,200	2,214,500	854,700	1,654,400	154,900	347,400	78,300	84,700	49,900	84,600	4,200	8,300
Biological/life scientist	240,400	314,200	181,300	241,200	32,500	46,000	11,600	8,700	11,500	11,700	700	3,200
Computer and information scientist	519,700	1,363,700	359,400	976,500	91,900	251,000	40,700	55,900	18,000	54,700	1,200	2,100
Mathematical scientist	50,100	75,000	36,900	58,900	5,200	9,400	5,900	3,400	1,500	2,300	S	S
Physical scientist	89,900	225,100	65,200	183,700	14,100	24,600	2,700	6,100	5,000	7,600	600	900
Psychologist	136,600	75,400	113,600	66,700	4,200	2,900	8,000	2,300	8,400	2,700	500	500
Social scientist	121,500	161,100	98,400	127,500	7,100	13,600	9,300	8,300	5,500	5,700	800	1,700
Engineers	172,300	1,382,500	111,400	1,085,600	31,700	163,100	10,600	42,200	13,000	66,800	900	3,800
S&E related occupations	2,886,900	2,333,700	2,214,500	1,856,800	265,800	216,400	201,800	85,600	137,400	129,300	13,000	7,800
Non-S&E occupations	3,364,900	4,506,400	2,514,100	3,662,400	252,400	290,300	292,300	240,700	227,400	228,600	20,300	17,800
Bachelor's	4,575,300	5,909,100	3,419,500	4,712,300	397,000	474,500	362,300	285,600	277,800	310,500	26,800	20,200
S&E occupations	696,000	2,103,200	514,700	1,664,000	74,900	204,000	54,500	84,900	37,100	101,800	2,900	8,100
Scientist	588,600	1,201,100	443,600	930,500	59,100	135,400	46,500	53,500	29,000	53,300	2,200	4,600
Biological/life scientist	93,500	102,000	72,500	84,600	9,400	6,500	4,900	2,900	5,300	3,300	S	2,600
Computer and information scientist	367,300	925,400	271,100	705,300	42,200	118,100	32,600	41,300	15,300	41,800	900	1,500
Mathematical scientist	18,200	20,500	15,700	16,800	700	S	1,000	1,700	700	S	S	S
Physical scientist	49,400	90,000	36,500	74,700	5,500	5,500	2,000	3,400	3,100	4,600	500	S
Psychologist	9,300	6,500	6,900	4,600	S	S	S	S	1,600	S	S	S
Social scientist	50,800	56,800	40,900	44,400	S	3,800	5,300	3,300	2,800	2,800	S	S
Engineers	107,400	902,100	71,100	733,600	15,900	68,500	8,100	31,400	8,100	48,500	600	3,500
S&E related occupations	1,837,400	1,101,100	1,397,600	874,600	159,600	86,500	138,300	46,300	90,600	67,300	9,800	4,200
Non-S&E occupations	2,041,800	2,704,800	1,507,200	2,173,600	162,500	184,000	169,500	154,400	150,100	141,400	14,100	8,000
Master's	2,221,900	2,754,900	1,705,700	2,148,700	195,900	328,600	178,100	114,100	105,200	111,500	7,800	11,700
S&E occupations	437,000	1,016,200	305,800	729,600	81,500	206,800	24,400	28,700	17,100	35,900	1,200	1,800
Scientist	381,500	622,100	271,200	432,500	68,500	139,000	22,200	19,600	12,600	20,000	1,000	1,700
Biological/life scientist	66,400	62,300	51,300	50,900	7,500	6,900	4,100	1,000	2,700	2,600	S	S
Computer and information scientist	142,000	384,800	81,700	236,200	46,800	117,500	7,600	13,100	2,300	12,300	S	S
Mathematical scientist	22,300	29,100	15,900	23,100	2,600	3,200	2,800	1,100	700	1,400	S	S
Physical scientist	27,000	55,900	19,000	47,500	5,600	4,400	400	1,500	1,500	1,300	S	S
Psychologist	77,800	29,800	65,300	26,100	2,000	1,800	4,800	700	4,100	1,100	S	S
Social scientist	46,000	60,200	38,100	48,600	3,900	5,200	2,500	2,300	1,300	1,300	S	S
Engineers	55,500	394,100	34,600	297,100	13,000	67,800	2,300	9,000	4,500	15,900	S	S
S&E related occupations	717,200	479,000	592,700	390,300	41,900	44,800	46,200	18,300	26,500	17,200	2,000	1,500
Non-S&E occupations	1,067,700	1,259,700	807,200	1,028,800	72,500	77,000	107,500	67,100	61,600	58,400	4,600	8,500

Women, Minorities, and Persons with Disabilities in Science and Engineering

TABLE H-7. Employed scientists and engineers, by occupation, highest degree level, race/ethnicity and sex: 2003

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	256,900	626,900	192,700	468,200	35,100	116,100	14,800	19,700	10,900	18,400	1,400	3,000
S&E occupations	162,200	419,600	121,200	303,100	24,400	91,700	8,500	10,600	6,100	11,100	1,100	2,300
Scientist	153,500	334,800	116,200	249,300	21,600	65,100	8,300	8,900	5,700	8,800	900	2,100
Biological/life scientist	61,200	110,500	45,300	77,600	11,200	26,100	1,900	2,700	2,200	3,500	300	500
Computer and information scientist	8,200	45,200	4,600	28,800	2,600	14,300	600	1,200	400	700	S	200
Mathematical scientist	8,500	24,500	4,600	18,000	1,600	5,200	2,100	500	100	700	S	S
Physical scientist	13,300	77,300	9,700	59,600	2,900	14,500	300	1,100	300	1,600	100	400
Psychologist	39,500	35,200	33,600	32,500	1,600	500	2,100	800	1,600	900	300	400
Social scientist	22,800	42,200	18,400	32,900	1,800	4,600	1,200	2,600	1,000	1,500	100	500
Engineers	8,600	84,800	5,000	53,700	2,800	26,600	200	1,700	400	2,300	S	200
S&E related occupations	29,800	51,900	22,700	39,400	4,200	8,000	1,400	2,000	1,000	2,200	100	200
Non-S&E occupations	64,900	155,300	48,800	125,700	6,400	16,400	4,900	7,100	3,800	5,100	200	500

S = suppressed because fewer than 50 weighted cases.

NOTES: Numbers are rounded to nearest 100. Detail may not add to total because of rounding. Total includes Native Hawaiian/Other Pacific Islander and multiple race not shown separately. All degrees includes professional degrees not shown separately. Differences in estimates of scientists and engineers in the tables in this report reflect different data sources. Data from the Current Population Survey cover employed persons 16 years and older regardless of degree status. Data based on the SESTAT surveys cover persons with bachelor's or higher degrees who were either educated as or working as scientists or engineers.

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