

TABLE 9-7. Employed scientists and engineers, by ethnicity, race, occupation, highest degree level, and sex: 2015

Ethnicity, race, and occupation	All degrees <sup>a</sup>		Bachelor's		Master's		Doctorate	
	Female	Male	Female	Male	Female	Male	Female	Male
All ethnicities and races	11,897,000	13,409,000	6,468,000	7,531,000	4,012,000	3,706,000	514,000	847,000
S&E occupations	1,818,000	4,590,000	818,000	2,700,000	708,000	1,367,000	261,000	490,000
Science occupations	1,568,000	3,120,000	675,000	1,761,000	618,000	933,000	246,000	398,000
Biological/life scientist	302,000	329,000	127,000	114,000	80,000	88,000	88,000	119,000
Computer and information scientist	698,000	2,148,000	423,000	1,449,000	262,000	637,000	11,000	55,000
Mathematical scientist	135,000	175,000	33,000	73,000	79,000	71,000	19,000	31,000
Physical scientist	92,000	239,000	39,000	87,000	33,000	53,000	20,000	99,000
Psychologist	176,000	76,000	23,000	7,000	85,000	23,000	53,000	40,000
Social scientist	166,000	153,000	30,000	31,000	80,000	61,000	54,000	54,000
Engineering occupation	250,000	1,469,000	143,000	940,000	91,000	434,000	15,000	92,000
S&E-related occupations	4,558,000	3,309,000	2,567,000	1,655,000	1,338,000	726,000	107,000	122,000
Non-S&E occupations	5,521,000	5,510,000	3,083,000	3,175,000	1,965,000	1,614,000	146,000	235,000
Hispanic or Latino <sup>b</sup>	1,082,000	947,000	630,000	588,000	337,000	221,000	29,000	35,000
S&E occupations	117,000	270,000	48,000	186,000	46,000	58,000	17,000	21,000
Science occupations	101,000	167,000	38,000	113,000	40,000	34,000	16,000	16,000
Biological/life scientist	18,000	18,000	8,000	8,000	4,000	4,000	6,000	5,000
Computer and information scientist	33,000	115,000	23,000	95,000	9,000	18,000	S	2,000
Mathematical scientist	6,000	5,000	S	1,000	4,000	3,000	2,000	1,000
Physical scientist	6,000	10,000	3,000	4,000	3,000	1,000	1,000	5,000
Psychologist	25,000	6,000	2,000	D	S	2,000	4,000	1,000
Social scientist	12,000	13,000	2,000	4,000	7,000	S	S	2,000
Engineering occupation	17,000	103,000	10,000	73,000	6,000	25,000	1,000	4,000
S&E-related occupations	372,000	257,000	213,000	141,000	105,000	47,000	5,000	5,000
Non-S&E occupations	593,000	420,000	369,000	261,000	186,000	115,000	7,000	10,000
Not Hispanic or Latino								
American Indian or Alaska Native	34,000	42,000	20,000	24,000	13,000	12,000	S	S
S&E occupations	1,000	9,000	S	6,000	*	2,000	D	D
Science occupations	1,000	5,000	S	3,000	*	2,000	D	D
Biological/life scientist	D	2,000	D	S	D	D	D	D
Computer and information scientist	D	1,000	D	1,000	D	D	D	D
Mathematical scientist	D	D	D	D	D	D	D	D
Physical scientist	D	*	D	D	D	D	D	D
Psychologist	D	D	D	D	D	D	D	D
Social scientist	*	S	D	D	D	D	D	D
Engineering occupations	D	4,000	D	3,000	D	S	D	D
S&E-related occupations	18,000	9,000	13,000	7,000	4,000	2,000	D	D
Non-S&E occupations	15,000	24,000	7,000	11,000	S	8,000	D	D

TABLE 9-7. Employed scientists and engineers, by ethnicity, race, occupation, highest degree level, and sex: 2015

Ethnicity, race, and occupation	All degrees <sup>a</sup>		Bachelor's		Master's		Doctorate	
	Female	Male	Female	Male	Female	Male	Female	Male
Asian	1,356,000	1,767,000	665,000	787,000	477,000	655,000	95,000	185,000
S&E occupations	417,000	904,000	149,000	379,000	210,000	394,000	54,000	128,000
Science occupations	377,000	665,000	133,000	271,000	190,000	297,000	50,000	95,000
Biological/life scientist	57,000	57,000	15,000	9,000	15,000	11,000	25,000	34,000
Computer and information scientist	221,000	504,000	98,000	231,000	117,000	251,000	6,000	23,000
Mathematical scientist	S	37,000	4,000	S	S	19,000	4,000	6,000
Physical scientist	16,000	48,000	3,000	15,000	6,000	9,000	7,000	25,000
Psychologist	13,000	4,000	S	D	2,000	S	3,000	3,000
Social scientist	19,000	15,000	5,000	3,000	8,000	6,000	5,000	5,000
Engineering occupations	40,000	239,000	16,000	108,000	19,000	97,000	5,000	33,000
S&E-related occupations	467,000	404,000	247,000	165,000	105,000	100,000	25,000	26,000
Non-S&E occupations	472,000	460,000	268,000	244,000	163,000	162,000	15,000	31,000
Black or African American	949,000	767,000	542,000	457,000	332,000	213,000	32,000	34,000
S&E occupations	104,000	204,000	49,000	124,000	42,000	61,000	13,000	16,000
Science occupations	88,000	146,000	42,000	86,000	33,000	44,000	12,000	13,000
Biological/life scientist	10,000	7,000	4,000	3,000	4,000	1,000	S	2,000
Computer and information scientist	47,000	107,000	31,000	74,000	16,000	30,000	D	2,000
Mathematical scientist	3,000	5,000	1,000	S	2,000	2,000	*	2,000
Physical scientist	4,000	9,000	2,000	3,000	1,000	2,000	D	4,000
Psychologist	14,000	S	3,000	D	7,000	S	4,000	1,000
Social scientist	10,000	10,000	1,000	S	4,000	2,000	5,000	2,000
Engineering occupations	16,000	58,000	7,000	38,000	9,000	17,000	*	3,000
S&E-related occupations	301,000	213,000	182,000	124,000	89,000	46,000	5,000	5,000
Non-S&E occupations	543,000	351,000	312,000	209,000	201,000	106,000	14,000	13,000
Native Hawaiian or Other Pacific Islander	32,000	44,000	19,000	35,000	12,000	9,000	D	D
S&E occupations	2,000	9,000	1,000	7,000	S	3,000	D	D
Science occupations	2,000	6,000	1,000	3,000	S	2,000	D	D
Biological/life scientist	1,000	D	D	D	D	D	D	D
Computer and information scientist	S	5,000	D	3,000	D	S	D	D
Mathematical scientist	D	D	D	D	D	D	D	D
Physical scientist	D	D	D	D	D	D	D	D
Psychologist	D	D	D	D	D	D	D	D
Social scientist	D	*	D	D	D	D	D	D
Engineering occupations	D	4,000	D	3,000	D	*	D	D
S&E-related occupations	14,000	8,000	9,000	6,000	S	S	D	D
Non-S&E occupations	16,000	27,000	9,000	22,000	6,000	S	D	D

TABLE 9-7. Employed scientists and engineers, by ethnicity, race, occupation, highest degree level, and sex: 2015

Ethnicity, race, and occupation	All degrees <sup>a</sup>		Bachelor's		Master's		Doctorate	
	Female	Male	Female	Male	Female	Male	Female	Male
White	8,217,000	9,625,000	4,472,000	5,502,000	2,756,000	2,541,000	349,000	580,000
S&E occupations	1,144,000	3,123,000	554,000	1,953,000	397,000	829,000	174,000	319,000
Science occupations	973,000	2,081,000	448,000	1,251,000	342,000	541,000	165,000	269,000
Biological/life scientist	209,000	241,000	95,000	90,000	56,000	70,000	55,000	75,000
Computer and information scientist	388,000	1,378,000	266,000	1,016,000	117,000	328,000	3,000	29,000
Mathematical scientist	73,000	125,000	26,000	S	30,000	45,000	12,000	23,000
Physical scientist	64,000	169,000	30,000	64,000	22,000	40,000	12,000	65,000
Psychologist	119,000	57,000	10,000	5,000	59,000	14,000	41,000	34,000
Social scientist	120,000	111,000	21,000	19,000	58,000	44,000	41,000	44,000
Engineering occupations	171,000	1,041,000	106,000	702,000	55,000	288,000	9,000	49,000
S&E-related occupations	3,313,000	2,363,000	1,869,000	1,175,000	1,003,000	518,000	67,000	85,000
Non-S&E occupations	3,760,000	4,140,000	2,049,000	2,373,000	1,355,000	1,193,000	108,000	177,000
More than one race	226,000	217,000	120,000	137,000	86,000	55,000	8,000	8,000
S&E occupations	31,000	72,000	16,000	46,000	12,000	20,000	3,000	6,000
Science occupations	26,000	51,000	12,000	33,000	11,000	13,000	2,000	4,000
Biological/life scientist	7,000	5,000	S	S	1,000	1,000	1,000	2,000
Computer and information scientist	8,000	38,000	5,000	30,000	3,000	8,000	D	D
Mathematical scientist	S	3,000	S	S	D	S	D	D
Physical scientist	1,000	2,000	*	*	1,000	S	D	1,000
Psychologist	4,000	1,000	D	D	3,000	D	1,000	1,000
Social scientist	4,000	2,000	1,000	D	S	1,000	1,000	D
Engineering occupations	6,000	21,000	4,000	12,000	1,000	7,000	D	S
S&E-related occupations	73,000	56,000	34,000	36,000	29,000	10,000	S	1,000
Non-S&E occupations	122,000	89,000	70,000	55,000	45,000	25,000	1,000	1,000

\* = estimate < 500. D = suppressed for data confidentiality reasons. S = suppressed for reliability; coefficient of variation exceeds publication standards.

S&E = science and engineering.

<sup>a</sup> All degrees includes professional degrees, which are not shown separately.

<sup>b</sup> Persons of Hispanic or Latino origin may be of any race.

NOTES: Numbers rounded to nearest 1,000. Detail may not add to total because of rounding and suppression. Scientists and engineers are individuals who have a bachelor's or higher degree, are living in the United States, and have an S&E or S&E-related degree or occupation.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, National Survey of College Graduates, 2015.