

TABLE 1-5

Employed scientists and engineers, by sex, major field of highest degree, ethnicity, race, disability status, and type of disability: 2017

(Number)

Sex and field of highest degree	Total	Hispanic or Latino	Not Hispanic or Latino						Without disability	With disability	Type of disability				
			American Indian or Alaska Native	Asian	Black or African American	Native Hawaiian or Other Pacific Islander	White	More than one race			Hearing	Seeing	Walking	Lifting	Cognitive
Both sexes, all fields	6,769,000	505,000	14,000	1,338,000	382,000	23,000	4,397,000	109,000	6,120,000	649,000	228,000	323,000	60,000	71,000	120,000
S&E fields	5,085,000	344,000	9,000	1,150,000	250,000	18,000	3,232,000	81,000	4,651,000	434,000	152,000	203,000	38,000	50,000	89,000
Biological, agricultural, and environmental life sciences	633,000	38,000	1,000	111,000	20,000	1,000	450,000	11,000	586,000	46,000	12,000	22,000	5,000	5,000	12,000
Computer and mathematical sciences	1,437,000	63,000	S	389,000	111,000	7,000	844,000	20,000	1,303,000	134,000	45,000	67,000	11,000	18,000	32,000
Physical and related sciences	366,000	19,000	D	70,000	15,000	D	255,000	6,000	330,000	36,000	12,000	18,000	3,000	4,000	7,000
Social and related sciences	679,000	65,000	S	55,000	42,000	1,000	503,000	12,000	620,000	60,000	24,000	20,000	6,000	5,000	11,000
Engineering	1,970,000	160,000	5,000	525,000	62,000	8,000	1,179,000	32,000	1,812,000	158,000	60,000	75,000	13,000	17,000	27,000
S&E-related fields	382,000	34,000	D	81,000	22,000	D	237,000	6,000	348,000	34,000	15,000	17,000	S	3,000	4,000
Non-S&E fields	1,301,000	127,000	4,000	107,000	110,000	5,000	927,000	22,000	1,120,000	181,000	61,000	104,000	20,000	19,000	27,000
Female	1,966,000	154,000	5,000	409,000	168,000	5,000	1,188,000	37,000	1,816,000	150,000	34,000	72,000	20,000	35,000	29,000
S&E fields	1,347,000	109,000	4,000	340,000	102,000	3,000	769,000	20,000	1,246,000	101,000	18,000	50,000	9,000	21,000	24,000
Biological, agricultural, and environmental life sciences	273,000	21,000	D	47,000	11,000	S	189,000	4,000	252,000	21,000	3,000	11,000	1,000	3,000	5,000
Computer and mathematical sciences	345,000	14,000	D	135,000	47,000	D	145,000	1,000	317,000	28,000	6,000	15,000	S	9,000	6,000
Physical and related sciences	96,000	8,000	D	19,000	5,000	D	61,000	2,000	86,000	10,000	1,000	5,000	D	3,000	4,000
Social and related sciences	322,000	37,000	S	31,000	25,000	D	222,000	6,000	294,000	28,000	7,000	12,000	4,000	4,000	6,000
Engineering	310,000	30,000	D	108,000	14,000	D	151,000	6,000	297,000	13,000	1,000	8,000	D	2,000	3,000
S&E-related fields	147,000	13,000	D	32,000	7,000	D	92,000	3,000	139,000	9,000	1,000	S	S	S	S
Non-S&E fields	471,000	32,000	S	37,000	59,000	2,000	327,000	14,000	431,000	41,000	15,000	19,000	9,000	12,000	4,000
Male	4,803,000	351,000	9,000	929,000	214,000	19,000	3,209,000	73,000	4,304,000	499,000	194,000	251,000	40,000	36,000	91,000
S&E fields	3,738,000	235,000	6,000	810,000	148,000	15,000	2,463,000	61,000	3,405,000	333,000	134,000	153,000	29,000	28,000	65,000
Biological, agricultural, and environmental life sciences	359,000	17,000	1,000	64,000	10,000	*	261,000	7,000	335,000	25,000	9,000	12,000	4,000	S	7,000
Computer and mathematical sciences	1,091,000	49,000	D	254,000	64,000	5,000	699,000	19,000	986,000	105,000	39,000	52,000	8,000	9,000	25,000
Physical and related sciences	270,000	11,000	D	50,000	10,000	D	194,000	3,000	244,000	26,000	11,000	13,000	2,000	2,000	3,000
Social and related sciences	357,000	28,000	S	24,000	17,000	D	281,000	6,000	325,000	32,000	17,000	9,000	2,000	S	5,000
Engineering	1,660,000	130,000	S	417,000	48,000	8,000	1,028,000	26,000	1,516,000	144,000	59,000	67,000	12,000	15,000	24,000
S&E-related fields	235,000	21,000	D	49,000	15,000	D	146,000	S	210,000	25,000	14,000	13,000	S	1,000	S

TABLE 1-5

Employed scientists and engineers, by sex, major field of highest degree, ethnicity, race, disability status, and type of disability: 2017

(Number)

Sex and field of highest degree	Total	Hispanic or Latino	Not Hispanic or Latino						Without disability	With disability	Type of disability				
			American Indian or Alaska Native	Asian	Black or African American	Native Hawaiian or Other Pacific Islander	White	More than one race			Hearing	Seeing	Walking	Lifting	Cognitive
Non-S&E fields	830,000	95,000	S	70,000	51,000	D	600,000	8,000	689,000	140,000	46,000	85,000	11,000	7,000	23,000

* = suppressed when population estimate < 500. D = suppressed to avoid disclosure of confidential information. S = suppressed for reliability; coefficient of variation exceeds publication standards.

S&E = science and engineering.

Note(s):

Numbers are rounded to the nearest 1,000. Detail may not add to total because of rounding. Scientists and engineers are bachelor's and higher degreed individuals living in the United States employed in an S&E occupation. Hispanic or Latino may be any race; race categories exclude Hispanic origin. The National Survey of College Graduates asks the degree of difficulty—none, slight, moderate, severe, or unable to do—an individual has in seeing (with glasses), hearing (with hearing aid), walking without assistance, lifting 10 pounds, or concentrating, remembering, or making decisions. Those respondents who answered "moderate," "severe," or "unable to do" for an activity were classified as having a disability.

Source(s):

National Center for Science and Engineering Statistics, National Survey of College Graduates, 2017.