

TABLE 1-5

Employed scientists and engineers, by sex, major field of highest degree, ethnicity, race, disability status, and type of disability: 2019

(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	7,466,000	564,000	S	1,543,000	379,000	17,000	4,784,000	158,000	6,795,000	671,000	222,000	303,000	51,000	61,000	174,000
S&E fields	5,709,000	453,000	9,000	1,326,000	259,000	12,000	3,537,000	114,000	5,202,000	507,000	162,000	229,000	34,000	49,000	142,000
Biological, agricultural, and environmental life sciences	705,000	68,000	1,000	131,000	24,000	S	467,000	13,000	639,000	66,000	16,000	28,000	4,000	5,000	24,000
Computer and mathematical sciences	1,670,000	99,000	D	476,000	107,000	S	943,000	41,000	1,510,000	160,000	38,000	81,000	12,000	15,000	42,000
Physical and related sciences	422,000	23,000	S	88,000	12,000	D	290,000	7,000	376,000	46,000	19,000	18,000	2,000	2,000	S
Social and related sciences	754,000	86,000	1,000	55,000	39,000	S	556,000	16,000	687,000	68,000	19,000	26,000	6,000	12,000	25,000
Engineering	2,159,000	176,000	4,000	575,000	77,000	8,000	1,281,000	37,000	1,991,000	167,000	69,000	76,000	11,000	16,000	37,000
S&E-related fields	428,000	27,000	D	94,000	26,000	S	271,000	8,000	387,000	41,000	12,000	20,000	3,000	3,000	8,000
Non-S&E fields	1,330,000	85,000	S	123,000	94,000	S	976,000	36,000	1,206,000	123,000	47,000	55,000	13,000	9,000	25,000
Female	2,193,000	182,000	4,000	488,000	135,000	3,000	1,322,000	58,000	2,006,000	187,000	36,000	93,000	16,000	31,000	49,000
S&E fields	1,595,000	148,000	4,000	414,000	77,000	2,000	918,000	33,000	1,460,000	135,000	22,000	67,000	10,000	24,000	38,000
Biological, agricultural, and environmental life sciences	332,000	33,000	*	63,000	13,000	D	215,000	6,000	298,000	34,000	S	15,000	3,000	4,000	10,000
Computer and mathematical sciences	396,000	16,000	D	171,000	28,000	D	172,000	8,000	361,000	35,000	3,000	20,000	S	8,000	9,000
Physical and related sciences	113,000	9,000	D	22,000	4,000	D	75,000	S	103,000	10,000	3,000	4,000	S	*	4,000
Social and related sciences	395,000	52,000	1,000	37,000	20,000	D	275,000	9,000	358,000	37,000	7,000	18,000	3,000	7,000	11,000
Engineering	360,000	38,000	D	121,000	12,000	S	181,000	6,000	340,000	20,000	2,000	11,000	S	S	4,000
S&E-related fields	154,000	12,000	D	35,000	10,000	D	92,000	5,000	141,000	13,000	3,000	8,000	1,000	2,000	1,000
Non-S&E fields	444,000	22,000	D	40,000	48,000	D	312,000	20,000	404,000	39,000	11,000	18,000	5,000	5,000	10,000
Male	5,274,000	382,000	S	1,055,000	244,000	14,000	3,461,000	100,000	4,789,000	484,000	185,000	210,000	35,000	30,000	125,000
S&E fields	4,114,000	305,000	5,000	912,000	183,000	10,000	2,619,000	81,000	3,742,000	372,000	140,000	162,000	24,000	25,000	104,000
Biological, agricultural, and environmental life sciences	373,000	35,000	S	68,000	10,000	D	252,000	7,000	341,000	32,000	9,000	13,000	1,000	1,000	14,000
Computer and mathematical sciences	1,274,000	84,000	D	306,000	79,000	S	771,000	33,000	1,148,000	125,000	35,000	61,000	10,000	6,000	33,000
Physical and related sciences	309,000	15,000	D	66,000	9,000	D	215,000	4,000	273,000	36,000	16,000	14,000	1,000	1,000	S
Social and related sciences	359,000	33,000	S	18,000	19,000	D	281,000	7,000	328,000	31,000	12,000	8,000	3,000	4,000	14,000
Engineering	1,799,000	138,000	3,000	454,000	66,000	7,000	1,099,000	31,000	1,651,000	148,000	68,000	66,000	9,000	12,000	32,000
S&E-related fields	274,000	15,000	D	60,000	16,000	S	179,000	S	246,000	28,000	9,000	12,000	3,000	1,000	S
Non-S&E fields	886,000	62,000	S	83,000	45,000	D	664,000	16,000	802,000	84,000	37,000	37,000	8,000	4,000	15,000

* = 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: 2019.