TABLE 1-5

Employed scientists and engineers, by sex, major field of highest degree, ethnicity, race, disability status, and type of disability: 2023

(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	8,711,000	851,000	12,000	1,771,000	487,000	7,000	5,353,000	230,000	7,760,000	951,000	273,000	331,000	76,000	90,000	430,000
S&E fields	6,520,000	612,000	8,000	1,457,000	328,000	6,000	3,938,000	171,000	5,844,000	676,000	196,000	247,000	48,000	57,000	303,000
Biological, agricultural, and environmental life sciences	760,000	73,000	1,000	139,000	30,000	D	500,000	17,000	672,000	88,000	30,000	29,000	7,000	7,000	35,000
Computer and mathematical sciences	2,105,000	188,000	S	590,000	144,000	D	1,115,000	67,000	1,907,000	197,000	63,000	70,000	17,000	22,000	87,000
Physical and related sciences	477,000	40,000	D	72,000	16,000	D	337,000	9,000	411,000	66,000	19,000	33,000	1,000	2,000	28,000
Social and related sciences	738,000	88,000	S	71,000	47,000	D	510,000	19,000	629,000	109,000	17,000	27,000	7,000	11,000	65,000
Engineering	2,440,000	224,000	2,000	585,000	91,000	S	1,476,000	60,000	2,225,000	215,000	67,000	90,000	15,000	14,000	88,000
S&E-related fields	532,000	42,000	D	108,000	40,000	D	322,000	17,000	455,000	77,000	13,000	20,000	9,000	9,000	42,000
Non-S&E fields	1,660,000	197,000	S	206,000	120,000	D	1,093,000	41,000	1,462,000	198,000	64,000	63,000	20,000	24,000	84,000
Female	2,586,000	251,000	7,000	577,000	175,000	S	1,513,000	63,000	2,262,000	323,000	74,000	110,000	25,000	43,000	162,000
S&E fields	1,746,000	166,000	5,000	448,000	102,000	*	981,000	45,000	1,548,000	198,000	42,000	73,000	15,000	26,000	100,000
Biological, agricultural, and environmental life sciences	382,000	31,000	D	81,000	19,000	D	242,000	9,000	344,000	37,000	13,000	9,000	4,000	4,000	20,000
Computer and mathematical sciences	463,000	35,000	D	184,000	41,000	D	189,000	12,000	426,000	37,000	10,000	16,000	S	8,000	16,000
Physical and related sciences	133,000	10,000	D	20,000	4,000	D	96,000	3,000	115,000	18,000	2,000	8,000	S	1,000	9,000
Social and related sciences	367,000	51,000	S	47,000	27,000	D	232,000	8,000	304,000	63,000	11,000	15,000	5,000	8,000	37,000
Engineering	402,000	40,000	D	116,000	12,000	D	221,000	12,000	359,000	43,000	7,000	24,000	4,000	5,000	17,000
S&E-related fields	216,000	10,000	D	37,000	19,000	D	143,000	S	179,000	S	4,000	6,000	D	S	S
Non-S&E fields	623,000	74,000	D	92,000	54,000	D	389,000	12,000	535,000	88,000	27,000	31,000	10,000	14,000	36,000
Male	6,126,000	600,000	6,000	1,194,000	313,000	6,000	3,841,000	167,000	5,498,000	628,000	199,000	220,000	51,000	47,000	267,000
S&E fields	4,774,000	446,000	3,000	1,009,000	227,000	5,000	2,957,000	127,000	4,295,000	478,000	153,000	175,000	33,000	31,000	203,000
Biological, agricultural, and environmental life sciences	378,000	42,000	*	58,000	11,000	D	258,000	8,000	327,000	51,000	17,000	19,000	3,000	S	16,000
Computer and mathematical sciences	1,642,000	152,000	D	405,000	103,000	D	926,000	54,000	1,482,000	161,000	53,000	53,000	15,000	14,000	71,000
Physical and related sciences	344,000	30,000	D	52,000	12,000	D	240,000	7,000	296,000	48,000	17,000	25,000	S	1,000	19,000
Social and related sciences	371,000	37,000	D	24,000	21,000	D	278,000	10,000	325,000	46,000	6,000	12,000	2,000	3,000	27,000
Engineering	2,038,000	184,000	1,000	469,000	79,000	S	1,255,000	47,000	1,865,000	173,000	60,000	66,000	12,000	10,000	70,000
S&E-related fields	315,000	32,000	D	71,000	21,000	D	179,000	10,000	276,000	39,000	9,000	14,000	8,000	6,000	16,000
Non-S&E fields	1,037,000	123,000	S	114,000	65,000	D	705,000	30,000	927,000	110,000	37,000	32,000	10,000	10,000	48,000

* = 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. Estimates by sex were based on responses to the question, "What sex were you assigned at birth, on your original birth certificate? 1. Male, 2. Female," which was a change from prior survey cycles. In 2021, the question was "What is your sex? 1. Male, 2. Female," and in 2019 and earlier years, the question was "Are you ... 1. Male, 2. Female." 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.