TABLE 1-5

Employed scientists and engineers, by sex assigned at birth, gender identity, major field of highest degree, ethnicity, race, disability status, and type of disability: 2023

(Number)

Sex assigned at birth, gender identity,[a] 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
All sexes and gender identities	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	6,518,000	613,000	8,000	1,456,000	328,000	6,000	3,937,000	171,000	5,844,000	674,000	195,000	245,000	46,000	57,000	305,000
Biological, agricultural, and environmental life sciences	755,000	73,000	1,000	139,000	30,000	D	496,000	16,000	669,000	85,000	29,000	27,000	6,000	7,000	35,000
Computer and mathematical sciences	2,110,000	188,000	S	590,000	144,000	D	1,119,000	67,000	1,911,000	199,000	63,000	70,000	17,000	22,000	89,000
Physical and related sciences	476,000	40,000	D	71,000	16,000	D	337,000	9,000	410,000	66,000	19,000	32,000	1,000	2,000	28,000
Social and related sciences	738,000	89,000	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	2,438,000	224,000	2,000	585,000	91,000	S	1,474,000	60,000	2,224,000	215,000	66,000	90,000	15,000	14,000	88,000
S&E-related fields	534,000	40,000	D	109,000	40,000	D	325,000	17,000	455,000	79,000	13,000	22,000	9,000	9,000	42,000
Non-S&E fields	1,660,000	198,000	S	207,000	120,000	D	1,092,000	41,000	1,461,000	198,000	65,000	63,000	20,000	25,000	83,000
Female at birth	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	101,000	*	981,000	44,000	1,548,000	198,000	42,000	73,000	15,000	26,000	100,000
Biological, agricultural, and environmental life sciences	381,000	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	465,000	35,000	D	185,000	41,000	D	191,000	12,000	428,000	37,000	10,000	16,000	S	8,000	16,000
Physical and related sciences	133,000	9,000	D	20,000	4,000	D	97,000	3,000	115,000	18,000	2,000	8,000	S	1,000	9,000
Social and related sciences	366,000	51,000	S	47,000	26,000	D	232,000	8,000	303,000	63,000	11,000	15,000	5,000	8,000	37,000
Engineering	401,000	40,000	D	116,000	12,000	D	220,000	12,000	359,000	43,000	7,000	24,000	4,000	5,000	17,000
S&E-related fields	217,000	10,000	D	37,000	19,000	D	143,000	S	180,000	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 at birth	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	4,772,000	447,000	3,000	1,008,000	227,000	5,000	2,956,000	127,000	4,296,000	476,000	152,000	173,000	32,000	31,000	205,000
Biological, agricultural, and environmental life sciences	374,000	42,000	*	58,000	11,000	D	255,000	8,000	326,000	48,000	17,000	17,000	2,000	S	16,000
Computer and mathematical sciences	1,646,000	152,000	D	405,000	103,000	D	928,000	55,000	1,484,000	162,000	53,000	54,000	15,000	14,000	73,000
Physical and related sciences	343,000	30,000	D	51,000	12,000	D	241,000	7,000	295,000	48,000	17,000	24,000	S	1,000	19,000
Social and related sciences	372,000	38,000	D	24,000	21,000	D	278,000	10,000	327,000	46,000	6,000	12,000	S	3,000	27,000
Engineering	2,037,000	184,000	1,000	469,000	79,000	S	1,254,000	47,000	1,865,000	172,000	60,000	66,000	12,000	10,000	70,000
S&E-related fields	317,000	30,000	D	72,000	21,000	D	182,000	10,000	275,000	42,000	9,000	15,000	9,000	6,000	16,000
Non-S&E fields	1,037,000	124,000	S	114,000	65,000	D	703,000	30,000	926,000	111,000	38,000	32,000	11,000	11,000	47,000
Female gender identity	2,566,000	248,000	7,000	576,000	172,000	S	1,500,000	62,000	2,252,000	314,000	71,000	110,000	25,000	42,000	157,000
S&E fields	1,732,000	164,000	5,000	447,000	98,000	*	974,000	44,000	1,541,000	191,000	40,000	73,000	14,000	25,000	95,000
Biological, agricultural, and environmental life sciences	378,000	31,000	D	81,000	16,000	D	240,000	8,000	342,000	36,000	11,000	9,000	4,000	4,000	20,000
Computer and mathematical sciences	463,000	35,000	D	184,000	41,000	D	190,000	13,000	427,000	37,000	10,000	16,000	S	8,000	16,000
Physical and related sciences	132,000	9,000	D	20,000	4,000	D	96,000	3,000	114,000	18,000	2,000	8,000	S	1,000	9,000
Social and related sciences	354,000	49,000	S	46,000	26,000	D	224,000	7,000	299,000	56,000	11,000	15,000	4,000	7,000	31,000
Engineering	404,000	40,000	D	116,000	12,000	D	223,000	13,000	360,000	44,000	7,000	24,000	4,000	5,000	19,000
S&E-related fields	216,000	10,000	D	36,000	19,000	D	143,000	S	179,000	S	4,000	6,000	D	S	S

TABLE 1-5

Employed scientists and engineers, by sex assigned at birth, gender identity, major field of highest degree, ethnicity, race, disability status, and type of disability: 2023

(Number)

Sex assigned at birth, gender identity,[a] 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	618,000	74,000	D	93,000	54,000	D	383,000	12,000	532,000	86,000	26,000	30,000	10,000	14,000	36,000
Male gender identity	6,108,000	600,000	6,000	1,191,000	312,000	6,000	3,829,000	165,000	5,484,000	624,000	198,000	220,000	51,000	47,000	264,000
S&E fields	4,755,000	446,000	3,000	1,007,000	226,000	5,000	2,942,000	126,000	4,282,000	473,000	150,000	172,000	32,000	31,000	203,000
Biological, agricultural, and environmental life sciences	372,000	42,000	*	58,000	11,000	D	253,000	8,000	326,000	46,000	16,000	17,000	2,000	S	15,000
Computer and mathematical sciences	1,637,000	152,000	D	405,000	103,000	D	921,000	54,000	1,477,000	159,000	53,000	54,000	15,000	14,000	70,000
Physical and related sciences	343,000	30,000	D	51,000	12,000	D	240,000	7,000	295,000	48,000	16,000	24,000	S	1,000	19,000
Social and related sciences	374,000	38,000	D	24,000	21,000	D	280,000	10,000	325,000	49,000	6,000	11,000	S	3,000	31,000
Engineering	2,029,000	184,000	1,000	469,000	78,000	S	1,247,000	47,000	1,859,000	170,000	60,000	66,000	12,000	10,000	68,000
S&E-related fields	315,000	30,000	D	72,000	21,000	D	180,000	10,000	275,000	40,000	9,000	15,000	9,000	6,000	14,000
Non-S&E fields	1,038,000	124,000	S	111,000	65,000	D	707,000	29,000	926,000	112,000	39,000	32,000	11,000	11,000	47,000
Transgender identity	30,000	3,000	D	1,000	D	D	24,000	2,000	17,000	14,000	S	D	D	D	S
S&E fields	25,000	3,000	D	S	D	D	20,000	1,000	15,000	S	S	D	D	D	S
Biological, agricultural, and environmental life sciences	S	D	D	D	D	D	S	D	S	D	D	D	D	D	D
Computer and mathematical sciences	8,000	D	D	D	D	D	5,000	D	7,000	2,000	D	D	D	D	S
Physical and related sciences	1,000	D	D	D	D	D	*	D	1,000	D	D	D	D	D	S
Social and related sciences	S	D	D	D	D	D	S	D	S	S	D	D	D	D	S
Engineering	5,000	D	D	D	D	D	4,000	D	4,000	D	D	D	D	D	D
S&E-related fields	S	D	D	D	D	D	D	D	D	D	D	D	D	D	D
Non-S&E fields	S	D	D	D	D	D	S	D	S	D	D	D	D	D	D
Different term used for gender identity	44,000	7,000	D	9,000	S	D	23,000	S	32,000	12,000	S	S	D	D	6,000
S&E fields	38,000	7,000	D	S	S	D	20,000	S	27,000	11,000	S	S	D	D	5,000
Biological, agricultural, and environmental life sciences	4,000	D	D	D	D	D	2,000	D	2,000	S	D	D	D	D	D
Computer and mathematical sciences	11,000	D	D	S	D	D	8,000	D	9,000	S	D	D	D	D	S
Physical and related sciences	2,000	D	D	D	D	D	1,000	D	1,000	D	D	D	D	D	D
Social and related sciences	10,000	S	D	D	D	D	7,000	D	6,000	4,000	D	D	D	D	S
Engineering	11,000	D	D	D	D	D	3,000	D	9,000	S	D	D	D	D	D
S&E-related fields	2,000	D	D	D	D	D	S	D	S	D	D	D	D	D	D
Non-S&E fields	S	D	D	D	D	D	1,000	D	S	D	D	D	D	D	D

* = 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.

[a] Gender identity estimates are tabulated based on "mark all that apply" responses to the following question, "How do you currently describe yourself? 1. Male, 2. Female, 3. Transgender, and 4. I use a different term." Thus, these four gender identity categories are not mutually exclusive.

Note(s):
Numbers are rounded to the nearest 1,000. Detail may not add to total because of rounding and multiple response options for the gender identity question. 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):