

TABLE 2-5

Employed college graduates, by major occupation, sex assigned at birth, gender identity, ethnicity, race, disability status, and detailed employment sector: 2023

(Number)

Occupation, sex assigned at birth, gender identity, ^a ethnicity, race, and disability status	Total	Business or industry				Education			Government		
		Business or industry, total	For-profit business or industry	Nonprofit business or industry	Self-employed, not incorporated	Education, total	4-year educational institution ^b	2-year college or precollege educational institution	Government, total	Federal government ^c	State or local government
All occupations	56,061,000	39,308,000	30,562,000	5,563,000	3,182,000	10,688,000	3,569,000	7,119,000	6,065,000	2,308,000	3,757,000
Female at birth	29,603,000	18,956,000	13,503,000	3,870,000	1,582,000	7,471,000	2,075,000	5,396,000	3,176,000	1,016,000	2,160,000
Male at birth	26,458,000	20,352,000	17,059,000	1,693,000	1,600,000	3,217,000	1,494,000	1,723,000	2,889,000	1,292,000	1,597,000
Female gender identity	29,454,000	18,863,000	13,450,000	3,834,000	1,579,000	7,422,000	2,041,000	5,381,000	3,169,000	1,020,000	2,149,000
Male gender identity	26,360,000	20,275,000	16,995,000	1,687,000	1,593,000	3,204,000	1,486,000	1,719,000	2,880,000	1,286,000	1,594,000
Transgender identity	102,000	69,000	43,000	22,000	S	29,000	25,000	4,000	5,000	3,000	2,000
Different term used for gender identity	256,000	171,000	123,000	39,000	S	59,000	38,000	S	26,000	S	19,000
Hispanic or Latino	6,016,000	3,810,000	3,004,000	512,000	294,000	1,273,000	422,000	851,000	933,000	356,000	577,000
Not Hispanic or Latino											
American Indian or Alaska Native	112,000	57,000	41,000	10,000	S	19,000	4,000	14,000	36,000	3,000	33,000
Asian	6,134,000	4,734,000	3,965,000	568,000	201,000	897,000	550,000	347,000	503,000	196,000	307,000
Black or African American	4,523,000	2,704,000	2,055,000	500,000	148,000	887,000	238,000	650,000	932,000	348,000	584,000
Native Hawaiian or Other Pacific Islander	42,000	23,000	16,000	6,000	D	13,000	7,000	S	6,000	4,000	3,000
White	37,670,000	26,906,000	20,661,000	3,814,000	2,431,000	7,309,000	2,218,000	5,090,000	3,456,000	1,326,000	2,130,000
More than one race	1,564,000	1,074,000	819,000	153,000	103,000	291,000	130,000	161,000	200,000	75,000	125,000
Without disability	49,379,000	34,732,000	27,005,000	4,992,000	2,734,000	9,379,000	3,127,000	6,251,000	5,269,000	1,985,000	3,284,000
With disability	6,682,000	4,576,000	3,557,000	571,000	448,000	1,309,000	442,000	868,000	796,000	323,000	473,000
S&E occupations	8,711,000	6,517,000	5,905,000	443,000	170,000	1,234,000	1,058,000	176,000	960,000	516,000	444,000
Female at birth	2,586,000	1,692,000	1,433,000	195,000	64,000	542,000	465,000	78,000	351,000	185,000	166,000
Male at birth	6,126,000	4,825,000	4,472,000	248,000	106,000	692,000	594,000	98,000	609,000	331,000	278,000
Female gender identity	2,566,000	1,686,000	1,427,000	195,000	64,000	527,000	450,000	77,000	352,000	187,000	165,000
Male gender identity	6,108,000	4,813,000	4,460,000	247,000	106,000	692,000	594,000	98,000	604,000	328,000	276,000
Transgender identity	30,000	15,000	14,000	S	D	13,000	13,000	D	2,000	1,000	D
Different term used for gender identity	44,000	20,000	19,000	1,000	D	17,000	16,000	D	7,000	1,000	S
Hispanic or Latino	851,000	614,000	553,000	38,000	23,000	129,000	104,000	25,000	108,000	49,000	59,000
Not Hispanic or Latino											
American Indian or Alaska Native	12,000	7,000	7,000	D	D	S	S	D	S	D	S
Asian	1,771,000	1,394,000	1,297,000	81,000	17,000	258,000	240,000	18,000	119,000	63,000	55,000
Black or African American	487,000	326,000	292,000	26,000	8,000	71,000	52,000	20,000	90,000	52,000	38,000
Native Hawaiian or Other Pacific Islander	7,000	4,000	2,000	D	D	S	S	D	D	D	D
White	5,353,000	4,015,000	3,608,000	287,000	120,000	740,000	634,000	106,000	598,000	339,000	260,000
More than one race	230,000	156,000	145,000	9,000	1,000	31,000	24,000	8,000	42,000	12,000	30,000
Without disability	7,760,000	5,849,000	5,332,000	373,000	144,000	1,054,000	901,000	153,000	857,000	465,000	392,000
With disability	951,000	668,000	573,000	69,000	26,000	180,000	157,000	23,000	103,000	51,000	52,000
Biological, agricultural, and other life scientists	813,000	357,000	281,000	67,000	8,000	326,000	306,000	20,000	131,000	61,000	70,000

TABLE 2-5

Employed college graduates, by major occupation, sex assigned at birth, gender identity, ethnicity, race, disability status, and detailed employment sector: 2023

(Number)

Occupation, sex assigned at birth, gender identity, ^a ethnicity, race, and disability status	Total	Business or industry				Education			Government		
		Business or industry, total	For-profit business or industry	Nonprofit business or industry	Self-employed, not incorporated	Education, total	4-year educational institution ^b	2-year college or precollege educational institution	Government, total	Federal government ^c	State or local government
Female at birth	405,000	161,000	131,000	28,000	3,000	167,000	156,000	11,000	76,000	34,000	42,000
Male at birth	408,000	196,000	150,000	40,000	6,000	158,000	150,000	8,000	54,000	26,000	28,000
Female gender identity	400,000	160,000	130,000	27,000	S	164,000	153,000	11,000	76,000	34,000	42,000
Male gender identity	406,000	195,000	150,000	40,000	6,000	157,000	149,000	8,000	54,000	26,000	28,000
Transgender identity	S	D	D	D	D	S	S	D	D	D	D
Different term used for gender identity	6,000	1,000	1,000	D	D	S	S	D	1,000	D	S
Hispanic or Latino	78,000	37,000	33,000	3,000	D	33,000	31,000	2,000	8,000	3,000	5,000
Not Hispanic or Latino											
American Indian or Alaska Native	*	D	D	D	D	D	D	D	*	D	D
Asian	148,000	74,000	61,000	12,000	D	60,000	59,000	1,000	14,000	11,000	3,000
Black or African American	30,000	16,000	15,000	D	D	10,000	10,000	D	4,000	2,000	2,000
Native Hawaiian or Other Pacific Islander	D	D	D	D	D	D	D	D	D	D	D
White	541,000	225,000	167,000	50,000	7,000	216,000	201,000	14,000	100,000	42,000	58,000
More than one race	16,000	6,000	5,000	D	D	7,000	6,000	D	4,000	2,000	2,000
Without disability	695,000	310,000	254,000	48,000	8,000	269,000	253,000	16,000	116,000	56,000	60,000
With disability	118,000	46,000	27,000	S	D	57,000	54,000	3,000	15,000	4,000	10,000
Computer and mathematical scientists	4,573,000	3,894,000	3,542,000	262,000	91,000	329,000	243,000	87,000	350,000	187,000	163,000
Female at birth	1,214,000	997,000	858,000	108,000	32,000	98,000	72,000	26,000	119,000	70,000	49,000
Male at birth	3,360,000	2,897,000	2,684,000	153,000	59,000	232,000	171,000	61,000	231,000	117,000	114,000
Female gender identity	1,206,000	994,000	853,000	109,000	32,000	94,000	69,000	26,000	118,000	69,000	48,000
Male gender identity	3,348,000	2,889,000	2,678,000	152,000	59,000	230,000	170,000	61,000	229,000	117,000	112,000
Transgender identity	16,000	11,000	10,000	D	D	4,000	4,000	D	D	D	D
Different term used for gender identity	19,000	12,000	11,000	D	D	S	S	D	D	D	D
Hispanic or Latino	425,000	343,000	303,000	24,000	17,000	39,000	24,000	16,000	42,000	21,000	20,000
Not Hispanic or Latino											
American Indian or Alaska Native	4,000	4,000	4,000	D	D	D	D	D	D	D	D
Asian	1,107,000	979,000	912,000	57,000	10,000	76,000	68,000	8,000	52,000	26,000	26,000
Black or African American	294,000	220,000	200,000	17,000	S	21,000	14,000	7,000	53,000	36,000	17,000
Native Hawaiian or Other Pacific Islander	2,000	2,000	1,000	D	D	D	D	D	D	D	D
White	2,620,000	2,252,000	2,033,000	158,000	60,000	186,000	132,000	54,000	182,000	101,000	81,000
More than one race	122,000	94,000	88,000	6,000	D	7,000	5,000	D	S	2,000	S
Without disability	4,099,000	3,510,000	3,211,000	225,000	74,000	282,000	209,000	73,000	307,000	167,000	140,000
With disability	475,000	384,000	331,000	37,000	16,000	47,000	34,000	14,000	43,000	20,000	23,000
Physical and related scientists	430,000	189,000	170,000	11,000	8,000	139,000	131,000	8,000	102,000	54,000	48,000
Female at birth	160,000	74,000	66,000	6,000	S	44,000	39,000	5,000	42,000	18,000	24,000

TABLE 2-5

Employed college graduates, by major occupation, sex assigned at birth, gender identity, ethnicity, race, disability status, and detailed employment sector: 2023

(Number)

Occupation, sex assigned at birth, gender identity, ^a ethnicity, race, and disability status	Total	Business or industry				Education			Government		
		Business or industry, total	For-profit business or industry	Nonprofit business or industry	Self-employed, not incorporated	Education, total	4-year educational institution ^b	2-year college or precollege educational institution	Government, total	Federal government ^c	State or local government
Male at birth	270,000	115,000	104,000	6,000	5,000	95,000	92,000	3,000	60,000	36,000	24,000
Female gender identity	159,000	74,000	65,000	5,000	S	44,000	39,000	5,000	42,000	18,000	24,000
Male gender identity	270,000	115,000	104,000	6,000	5,000	95,000	92,000	3,000	60,000	36,000	24,000
Transgender identity	1,000	1,000	1,000	D	D	D	D	D	D	D	D
Different term used for gender identity	1,000	1,000	D	D	D	D	D	D	D	D	D
Hispanic or Latino	38,000	14,000	13,000	1,000	D	14,000	13,000	1,000	11,000	3,000	S
Not Hispanic or Latino											
American Indian or Alaska Native	D	D	D	D	D	D	D	D	D	D	D
Asian	53,000	18,000	17,000	1,000	D	29,000	28,000	S	6,000	2,000	5,000
Black or African American	15,000	8,000	6,000	D	D	2,000	2,000	D	5,000	3,000	S
Native Hawaiian or Other Pacific Islander	D	D	D	D	D	D	D	D	D	D	D
White	311,000	146,000	131,000	9,000	6,000	87,000	80,000	6,000	78,000	45,000	33,000
More than one race	10,000	3,000	3,000	D	D	S	S	D	3,000	1,000	S
Without disability	380,000	172,000	154,000	10,000	8,000	118,000	112,000	7,000	90,000	48,000	42,000
With disability	51,000	17,000	15,000	S	D	21,000	19,000	2,000	13,000	6,000	7,000
Social and related scientists	631,000	221,000	138,000	58,000	24,000	311,000	257,000	54,000	99,000	42,000	57,000
Female at birth	398,000	150,000	86,000	44,000	19,000	201,000	166,000	35,000	47,000	16,000	31,000
Male at birth	233,000	71,000	52,000	14,000	5,000	109,000	91,000	19,000	52,000	26,000	26,000
Female gender identity	390,000	149,000	85,000	44,000	19,000	194,000	159,000	35,000	47,000	16,000	31,000
Male gender identity	235,000	71,000	52,000	14,000	5,000	112,000	93,000	19,000	52,000	26,000	26,000
Transgender identity	S	D	D	D	D	D	D	D	D	D	D
Different term used for gender identity	7,000	D	D	D	D	S	S	D	*	D	D
Hispanic or Latino	84,000	37,000	30,000	6,000	S	32,000	27,000	5,000	16,000	3,000	13,000
Not Hispanic or Latino											
American Indian or Alaska Native	S	D	D	D	D	D	D	D	D	D	D
Asian	75,000	21,000	15,000	3,000	S	48,000	42,000	6,000	6,000	2,000	4,000
Black or African American	58,000	16,000	9,000	7,000	D	34,000	22,000	12,000	8,000	S	6,000
Native Hawaiian or Other Pacific Islander	D	D	D	D	D	D	D	D	D	D	D
White	392,000	140,000	79,000	42,000	19,000	187,000	160,000	28,000	65,000	34,000	31,000
More than one race	18,000	6,000	S	1,000	D	8,000	5,000	D	4,000	1,000	S
Without disability	546,000	184,000	112,000	51,000	20,000	268,000	219,000	50,000	94,000	39,000	55,000
With disability	85,000	38,000	26,000	7,000	S	42,000	38,000	4,000	5,000	3,000	2,000
Engineers	2,263,000	1,856,000	1,774,000	44,000	38,000	129,000	122,000	8,000	278,000	172,000	106,000
Female at birth	409,000	309,000	293,000	9,000	8,000	32,000	31,000	1,000	68,000	48,000	20,000
Male at birth	1,855,000	1,546,000	1,481,000	35,000	30,000	98,000	91,000	7,000	211,000	124,000	87,000

TABLE 2-5

Employed college graduates, by major occupation, sex assigned at birth, gender identity, ethnicity, race, disability status, and detailed employment sector: 2023

(Number)

Occupation, sex assigned at birth, gender identity, ^a ethnicity, race, and disability status	Total	Business or industry				Education			Government		
		Business or industry, total	For-profit business or industry	Nonprofit business or industry	Self-employed, not incorporated	Education, total	4-year educational institution ^b	2-year college or precollege educational institution	Government, total	Federal government ^c	State or local government
Female gender identity	411,000	310,000	293,000	9,000	7,000	31,000	30,000	1,000	70,000	50,000	19,000
Male gender identity	1,848,000	1,542,000	1,477,000	35,000	30,000	98,000	91,000	7,000	209,000	122,000	87,000
Transgender identity	4,000	3,000	S	D	D	D	D	D	D	D	D
Different term used for gender identity	10,000	S	S	D	D	D	D	D	D	D	D
Hispanic or Latino	226,000	183,000	174,000	4,000	5,000	10,000	9,000	D	32,000	18,000	14,000
Not Hispanic or Latino											
American Indian or Alaska Native	4,000	2,000	2,000	D	D	D	D	D	D	D	D
Asian	388,000	302,000	292,000	8,000	2,000	46,000	44,000	S	40,000	22,000	18,000
Black or African American	90,000	66,000	63,000	D	D	4,000	4,000	D	20,000	9,000	12,000
Native Hawaiian or Other Pacific Islander	S	S	D	D	D	D	D	D	D	D	D
White	1,490,000	1,253,000	1,197,000	28,000	27,000	64,000	61,000	3,000	173,000	117,000	57,000
More than one race	63,000	47,000	45,000	S	*	5,000	3,000	D	11,000	5,000	S
Without disability	2,041,000	1,673,000	1,601,000	39,000	33,000	117,000	109,000	8,000	250,000	155,000	96,000
With disability	223,000	182,000	174,000	4,000	5,000	12,000	12,000	D	28,000	18,000	10,000
S&E-related occupations	11,253,000	8,231,000	5,617,000	2,171,000	443,000	2,052,000	986,000	1,066,000	969,000	388,000	581,000
Female at birth	6,669,000	4,798,000	2,926,000	1,620,000	252,000	1,310,000	644,000	666,000	561,000	193,000	367,000
Male at birth	4,584,000	3,433,000	2,691,000	551,000	191,000	743,000	342,000	400,000	408,000	195,000	214,000
Female gender identity	6,645,000	4,783,000	2,912,000	1,620,000	251,000	1,307,000	642,000	665,000	555,000	195,000	360,000
Male gender identity	4,563,000	3,415,000	2,679,000	548,000	188,000	741,000	341,000	401,000	406,000	192,000	214,000
Transgender identity	15,000	11,000	7,000	S	D	2,000	S	D	D	D	D
Different term used for gender identity	48,000	37,000	30,000	S	D	4,000	3,000	S	S	D	S
Hispanic or Latino	1,142,000	805,000	598,000	168,000	39,000	191,000	98,000	92,000	145,000	54,000	91,000
Not Hispanic or Latino											
American Indian or Alaska Native	13,000	7,000	4,000	S	D	2,000	S	2,000	S	S	S
Asian	1,664,000	1,271,000	911,000	313,000	47,000	254,000	193,000	61,000	139,000	66,000	73,000
Black or African American	889,000	598,000	404,000	176,000	18,000	143,000	63,000	80,000	149,000	60,000	88,000
Native Hawaiian or Other Pacific Islander	10,000	S	S	D	D	5,000	D	S	D	D	D
White	7,159,000	5,315,000	3,547,000	1,450,000	318,000	1,363,000	557,000	806,000	482,000	188,000	294,000
More than one race	376,000	232,000	150,000	62,000	S	95,000	S	24,000	48,000	17,000	31,000
Without disability	10,137,000	7,447,000	5,023,000	2,036,000	388,000	1,831,000	888,000	942,000	859,000	338,000	521,000
With disability	1,115,000	784,000	594,000	135,000	55,000	222,000	98,000	124,000	110,000	50,000	60,000
Non-S&E occupations	36,097,000	24,560,000	19,040,000	2,950,000	2,570,000	7,401,000	1,524,000	5,877,000	4,136,000	1,404,000	2,731,000
Female at birth	20,349,000	12,466,000	9,144,000	2,056,000	1,266,000	5,619,000	966,000	4,653,000	2,264,000	638,000	1,626,000
Male at birth	15,748,000	12,094,000	9,896,000	894,000	1,304,000	1,783,000	558,000	1,225,000	1,872,000	767,000	1,105,000
Female gender identity	20,243,000	12,393,000	9,111,000	2,019,000	1,263,000	5,588,000	949,000	4,639,000	2,262,000	638,000	1,624,000

TABLE 2-5

Employed college graduates, by major occupation, sex assigned at birth, gender identity, ethnicity, race, disability status, and detailed employment sector: 2023

(Number)

Occupation, sex assigned at birth, gender identity, ^a ethnicity, race, and disability status	Total	Business or industry				Education			Government		
		Business or industry, total	For-profit business or industry	Nonprofit business or industry	Self-employed, not incorporated	Education, total	4-year educational institution ^b	2-year college or precollege educational institution	Government, total	Federal government ^c	State or local government
Male gender identity	15,689,000	12,048,000	9,855,000	892,000	1,300,000	1,771,000	551,000	1,220,000	1,870,000	766,000	1,104,000
Transgender identity	57,000	42,000	22,000	S	S	S	S	3,000	2,000	D	S
Different term used for gender identity	164,000	113,000	73,000	35,000	5,000	38,000	S	S	12,000	S	S
Hispanic or Latino	4,023,000	2,391,000	1,853,000	307,000	231,000	953,000	220,000	733,000	679,000	253,000	426,000
Not Hispanic or Latino											
American Indian or Alaska Native	86,000	43,000	30,000	S	S	15,000	S	13,000	29,000	S	28,000
Asian	2,699,000	2,069,000	1,757,000	175,000	138,000	385,000	116,000	269,000	245,000	67,000	178,000
Black or African American	3,147,000	1,780,000	1,359,000	299,000	122,000	673,000	123,000	550,000	694,000	236,000	458,000
Native Hawaiian or Other Pacific Islander	24,000	15,000	12,000	D	D	S	D	S	4,000	S	S
White	25,158,000	17,576,000	13,506,000	2,077,000	1,993,000	5,206,000	1,027,000	4,179,000	2,376,000	800,000	1,576,000
More than one race	959,000	686,000	523,000	82,000	81,000	164,000	35,000	129,000	110,000	46,000	64,000
Without disability	31,482,000	21,435,000	16,650,000	2,583,000	2,202,000	6,494,000	1,338,000	5,156,000	3,553,000	1,182,000	2,371,000
With disability	4,615,000	3,124,000	2,390,000	367,000	367,000	908,000	186,000	721,000	583,000	222,000	361,000

* = 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.

^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.

^b Four-year educational institution includes medical schools and university-affiliated research institutes.

^c Federal government includes civilian and military.

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. 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, 2023.