

TABLE 2-3

Full-time employed college graduates, by sex, major occupation, age, ethnicity, race, disability status, and citizenship status: 2023

(Number)

Sex, occupation, and age	Total	Hispanic or Latino	Not Hispanic or Latino						Without disability	With disability	U.S. citizen	Non-U.S. citizen
			American Indian or Alaska Native	Asian	Black or African American	Native Hawaiian or Other Pacific Islander	White	More than one race				
Both sexes	47,357,000	5,204,000	76,000	5,286,000	3,867,000	31,000	31,567,000	1,326,000	42,000,000	5,357,000	44,919,000	2,438,000
29 and younger	8,039,000	1,078,000	8,000	916,000	556,000	4,000	5,093,000	384,000	7,218,000	821,000	7,630,000	408,000
30-39	13,411,000	1,624,000	10,000	1,695,000	1,026,000	6,000	8,634,000	416,000	12,177,000	1,234,000	12,405,000	1,006,000
40-49	11,400,000	1,257,000	20,000	1,403,000	945,000	14,000	7,508,000	253,000	10,205,000	1,195,000	10,702,000	698,000
50-75	14,508,000	1,245,000	38,000	1,273,000	1,341,000	7,000	10,332,000	273,000	12,400,000	2,108,000	14,181,000	327,000
S&E occupations	8,086,000	785,000	11,000	1,648,000	462,000	6,000	4,958,000	215,000	7,222,000	864,000	7,131,000	954,000
29 and younger	1,788,000	228,000	D	354,000	91,000	D	1,036,000	74,000	1,585,000	203,000	1,591,000	197,000
30-39	2,553,000	279,000	3,000	563,000	149,000	S	1,489,000	69,000	2,310,000	243,000	2,106,000	448,000
40-49	1,785,000	145,000	2,000	427,000	116,000	D	1,053,000	41,000	1,614,000	171,000	1,551,000	234,000
50-75	1,959,000	132,000	2,000	304,000	107,000	1,000	1,380,000	32,000	1,713,000	246,000	1,884,000	76,000
Biological, agricultural, and other life scientists	729,000	70,000	*	136,000	27,000	D	480,000	15,000	625,000	104,000	629,000	100,000
29 and younger	172,000	23,000	D	22,000	8,000	D	114,000	4,000	132,000	S	158,000	14,000
30-39	233,000	31,000	D	50,000	10,000	D	137,000	5,000	201,000	33,000	179,000	54,000
40-49	147,000	7,000	D	30,000	4,000	D	102,000	3,000	133,000	14,000	123,000	24,000
50-75	176,000	10,000	D	34,000	5,000	D	126,000	S	159,000	17,000	170,000	7,000
Computer and mathematical scientists	4,323,000	392,000	4,000	1,046,000	282,000	2,000	2,479,000	118,000	3,879,000	444,000	3,729,000	593,000
29 and younger	901,000	104,000	D	226,000	56,000	D	467,000	46,000	814,000	86,000	777,000	124,000
30-39	1,377,000	145,000	D	348,000	86,000	D	759,000	37,000	1,242,000	134,000	1,108,000	268,000
40-49	1,029,000	73,000	D	309,000	73,000	D	552,000	21,000	934,000	95,000	868,000	160,000
50-75	1,017,000	70,000	S	162,000	68,000	D	701,000	14,000	888,000	128,000	976,000	41,000
Physical and related scientists	394,000	36,000	D	48,000	14,000	D	285,000	9,000	349,000	45,000	357,000	37,000
29 and younger	97,000	11,000	D	14,000	S	D	63,000	S	86,000	11,000	86,000	11,000
30-39	121,000	14,000	D	16,000	5,000	D	85,000	2,000	112,000	10,000	103,000	18,000
40-49	72,000	7,000	D	6,000	3,000	D	54,000	1,000	62,000	10,000	67,000	5,000
50-75	104,000	4,000	D	11,000	4,000	D	84,000	1,000	89,000	15,000	102,000	2,000
Social and related scientists	513,000	68,000	S	57,000	51,000	D	321,000	13,000	451,000	62,000	478,000	35,000
29 and younger	97,000	21,000	D	14,000	9,000	D	50,000	3,000	81,000	17,000	92,000	5,000
30-39	173,000	22,000	D	26,000	18,000	D	104,000	3,000	150,000	22,000	157,000	16,000
40-49	108,000	14,000	D	9,000	10,000	D	70,000	S	100,000	8,000	99,000	S
50-75	136,000	12,000	D	9,000	14,000	D	97,000	4,000	120,000	16,000	129,000	7,000
Engineers	2,127,000	218,000	4,000	362,000	88,000	S	1,393,000	61,000	1,919,000	208,000	1,937,000	190,000
29 and younger	522,000	69,000	D	79,000	15,000	D	342,000	16,000	473,000	49,000	479,000	43,000
30-39	650,000	68,000	S	123,000	30,000	D	404,000	22,000	605,000	45,000	559,000	91,000
40-49	429,000	44,000	D	72,000	25,000	D	274,000	12,000	384,000	44,000	393,000	36,000
50-75	527,000	37,000	D	88,000	17,000	D	373,000	10,000	456,000	70,000	507,000	20,000

TABLE 2-3

Full-time employed college graduates, by sex, major occupation, age, ethnicity, race, disability status, and citizenship status: 2023

(Number)

Sex, occupation, and age	Total	Hispanic or Latino	Not Hispanic or Latino						Without disability	With disability	U.S. citizen	Non-U.S. citizen
			American Indian or Alaska Native	Asian	Black or African American	Native Hawaiian or Other Pacific Islander	White	More than one race				
S&E-related occupations	9,336,000	983,000	10,000	1,433,000	758,000	9,000	5,853,000	291,000	8,432,000	904,000	8,831,000	505,000
29 and younger	1,676,000	219,000	D	254,000	89,000	1,000	1,040,000	72,000	1,529,000	147,000	1,586,000	89,000
30-39	2,835,000	337,000	5,000	431,000	234,000	D	1,729,000	99,000	2,637,000	198,000	2,610,000	225,000
40-49	2,100,000	191,000	2,000	363,000	196,000	7,000	1,291,000	51,000	1,904,000	196,000	1,977,000	123,000
50-75	2,725,000	236,000	2,000	385,000	238,000	S	1,793,000	69,000	2,361,000	364,000	2,657,000	68,000
Non-S&E occupations	29,935,000	3,436,000	56,000	2,205,000	2,647,000	15,000	20,756,000	819,000	26,346,000	3,589,000	28,957,000	979,000
29 and younger	4,575,000	631,000	4,000	307,000	376,000	D	3,017,000	238,000	4,103,000	471,000	4,452,000	122,000
30-39	8,022,000	1,008,000	2,000	701,000	643,000	3,000	5,416,000	248,000	7,230,000	793,000	7,689,000	333,000
40-49	7,515,000	921,000	17,000	613,000	633,000	S	5,165,000	160,000	6,687,000	828,000	7,174,000	341,000
50-75	9,823,000	876,000	34,000	584,000	995,000	S	7,158,000	172,000	8,326,000	1,497,000	9,641,000	182,000
Female	23,700,000	2,711,000	36,000	2,512,000	2,269,000	15,000	15,452,000	704,000	20,994,000	2,706,000	22,738,000	962,000
29 and younger	4,293,000	601,000	4,000	495,000	308,000	S	2,688,000	197,000	3,837,000	456,000	4,091,000	202,000
30-39	6,947,000	887,000	5,000	832,000	627,000	S	4,351,000	243,000	6,312,000	634,000	6,564,000	383,000
40-49	5,698,000	633,000	8,000	655,000	530,000	8,000	3,725,000	138,000	5,076,000	622,000	5,441,000	257,000
50-75	6,762,000	590,000	19,000	530,000	805,000	S	4,688,000	126,000	5,769,000	993,000	6,642,000	120,000
S&E occupations	2,289,000	226,000	5,000	519,000	164,000	S	1,320,000	54,000	2,007,000	282,000	2,028,000	261,000
29 and younger	566,000	78,000	D	126,000	38,000	D	302,000	19,000	478,000	87,000	502,000	64,000
30-39	746,000	80,000	1,000	183,000	50,000	D	413,000	20,000	658,000	89,000	617,000	129,000
40-49	483,000	35,000	S	130,000	32,000	D	278,000	7,000	438,000	45,000	427,000	56,000
50-75	494,000	33,000	S	80,000	44,000	D	327,000	9,000	433,000	61,000	482,000	12,000
Biological, agricultural, and other life scientists	356,000	28,000	D	70,000	15,000	D	232,000	10,000	304,000	51,000	314,000	42,000
29 and younger	96,000	9,000	D	12,000	6,000	D	65,000	3,000	70,000	S	88,000	8,000
30-39	114,000	12,000	D	24,000	3,000	D	71,000	4,000	100,000	14,000	94,000	20,000
40-49	68,000	3,000	D	18,000	4,000	D	42,000	2,000	65,000	4,000	56,000	12,000
50-75	78,000	4,000	D	16,000	2,000	D	54,000	S	70,000	8,000	75,000	2,000
Computer and mathematical scientists	1,112,000	94,000	D	318,000	91,000	D	583,000	24,000	989,000	123,000	959,000	153,000
29 and younger	231,000	32,000	D	71,000	20,000	D	100,000	9,000	202,000	29,000	191,000	41,000
30-39	373,000	33,000	D	114,000	32,000	D	186,000	8,000	329,000	44,000	296,000	77,000
40-49	242,000	10,000	D	87,000	15,000	D	127,000	3,000	221,000	21,000	213,000	29,000
50-75	265,000	20,000	D	46,000	25,000	D	171,000	S	237,000	29,000	259,000	S
Physical and related scientists	148,000	15,000	D	13,000	7,000	D	109,000	3,000	130,000	17,000	138,000	10,000
29 and younger	43,000	5,000	D	5,000	S	D	31,000	1,000	38,000	5,000	40,000	3,000
30-39	50,000	7,000	D	3,000	1,000	D	37,000	1,000	44,000	6,000	46,000	4,000
40-49	27,000	2,000	D	3,000	2,000	D	20,000	1,000	22,000	5,000	25,000	2,000
50-75	27,000	1,000	D	2,000	S	D	21,000	D	26,000	1,000	26,000	1,000

TABLE 2-3

Full-time employed college graduates, by sex, major occupation, age, ethnicity, race, disability status, and citizenship status: 2023

(Number)

Sex, occupation, and age	Total	Hispanic or Latino	Not Hispanic or Latino						Without disability	With disability	U.S. citizen	Non-U.S. citizen
			American Indian or Alaska Native	Asian	Black or African American	Native Hawaiian or Other Pacific Islander	White	More than one race				
Social and related scientists	314,000	49,000	S	41,000	34,000	D	180,000	7,000	266,000	47,000	295,000	19,000
29 and younger	68,000	15,000	D	10,000	7,000	D	33,000	1,000	53,000	14,000	66,000	2,000
30-39	102,000	16,000	D	19,000	7,000	D	59,000	2,000	87,000	15,000	93,000	10,000
40-49	71,000	12,000	D	6,000	9,000	D	43,000	D	66,000	6,000	65,000	S
50-75	72,000	6,000	D	6,000	12,000	D	45,000	S	60,000	12,000	71,000	S
Engineers	361,000	40,000	2,000	77,000	16,000	D	216,000	10,000	318,000	43,000	323,000	37,000
29 and younger	128,000	17,000	D	29,000	4,000	D	73,000	5,000	114,000	14,000	117,000	11,000
30-39	107,000	12,000	D	23,000	6,000	D	59,000	5,000	98,000	9,000	87,000	19,000
40-49	75,000	8,000	D	16,000	3,000	D	47,000	1,000	65,000	10,000	68,000	7,000
50-75	51,000	3,000	D	9,000	3,000	D	36,000	D	41,000	11,000	51,000	S
S&E-related occupations	5,175,000	560,000	5,000	721,000	503,000	6,000	3,220,000	160,000	4,710,000	465,000	4,939,000	236,000
29 and younger	1,042,000	131,000	D	161,000	63,000	D	637,000	48,000	956,000	85,000	986,000	56,000
30-39	1,625,000	201,000	2,000	239,000	145,000	D	982,000	55,000	1,532,000	93,000	1,519,000	106,000
40-49	1,109,000	105,000	S	169,000	133,000	D	670,000	26,000	1,001,000	108,000	1,060,000	49,000
50-75	1,399,000	123,000	S	152,000	161,000	D	931,000	31,000	1,221,000	178,000	1,374,000	25,000
Non-S&E occupations	16,235,000	1,925,000	26,000	1,272,000	1,603,000	8,000	10,912,000	490,000	14,276,000	1,959,000	15,770,000	465,000
29 and younger	2,686,000	391,000	S	208,000	206,000	D	1,749,000	130,000	2,402,000	284,000	2,603,000	83,000
30-39	4,575,000	606,000	1,000	410,000	432,000	S	2,957,000	168,000	4,122,000	453,000	4,427,000	148,000
40-49	4,105,000	493,000	6,000	356,000	365,000	S	2,777,000	105,000	3,637,000	468,000	3,954,000	151,000
50-75	4,869,000	435,000	17,000	298,000	600,000	S	3,429,000	87,000	4,115,000	754,000	4,786,000	83,000
Male	23,657,000	2,492,000	41,000	2,774,000	1,598,000	16,000	16,115,000	621,000	21,006,000	2,652,000	22,181,000	1,476,000
29 and younger	3,745,000	477,000	S	421,000	248,000	S	2,405,000	187,000	3,381,000	365,000	3,539,000	206,000
30-39	6,464,000	737,000	5,000	863,000	399,000	3,000	4,283,000	173,000	5,864,000	599,000	5,842,000	622,000
40-49	5,702,000	625,000	13,000	747,000	414,000	S	3,783,000	114,000	5,129,000	573,000	5,261,000	441,000
50-75	7,746,000	654,000	19,000	743,000	536,000	3,000	5,644,000	147,000	6,632,000	1,114,000	7,539,000	207,000
S&E occupations	5,796,000	559,000	6,000	1,129,000	298,000	6,000	3,638,000	161,000	5,215,000	582,000	5,103,000	693,000
29 and younger	1,222,000	149,000	D	228,000	52,000	D	734,000	55,000	1,107,000	116,000	1,090,000	133,000
30-39	1,807,000	199,000	S	380,000	99,000	S	1,076,000	49,000	1,652,000	155,000	1,489,000	318,000
40-49	1,301,000	111,000	D	297,000	84,000	D	775,000	34,000	1,175,000	126,000	1,123,000	178,000
50-75	1,465,000	100,000	1,000	224,000	64,000	1,000	1,053,000	23,000	1,280,000	185,000	1,401,000	64,000
Biological, agricultural, and other life scientists	373,000	42,000	*	65,000	12,000	D	248,000	5,000	320,000	53,000	315,000	58,000
29 and younger	76,000	13,000	D	10,000	2,000	D	50,000	S	62,000	14,000	70,000	7,000
30-39	119,000	19,000	D	26,000	6,000	D	66,000	2,000	100,000	S	85,000	34,000
40-49	79,000	4,000	D	12,000	1,000	D	61,000	S	69,000	11,000	67,000	13,000
50-75	99,000	6,000	D	18,000	3,000	D	72,000	D	89,000	9,000	94,000	4,000

TABLE 2-3

Full-time employed college graduates, by sex, major occupation, age, ethnicity, race, disability status, and citizenship status: 2023

(Number)

Sex, occupation, and age	Total	Hispanic or Latino	Not Hispanic or Latino						Without disability	With disability	U.S. citizen	Non-U.S. citizen
			American Indian or Alaska Native	Asian	Black or African American	Native Hawaiian or Other Pacific Islander	White	More than one race				
Computer and mathematical scientists	3,211,000	298,000	S	728,000	191,000	2,000	1,895,000	93,000	2,890,000	320,000	2,770,000	440,000
29 and younger	669,000	72,000	D	155,000	36,000	D	367,000	37,000	612,000	57,000	586,000	83,000
30-39	1,004,000	112,000	D	235,000	54,000	D	572,000	28,000	914,000	90,000	812,000	192,000
40-49	787,000	63,000	D	222,000	58,000	D	425,000	18,000	713,000	74,000	656,000	131,000
50-75	751,000	50,000	D	116,000	43,000	D	531,000	10,000	652,000	99,000	717,000	34,000
Physical and related scientists	246,000	21,000	D	34,000	7,000	D	176,000	6,000	218,000	28,000	220,000	27,000
29 and younger	54,000	6,000	D	9,000	D	D	32,000	S	47,000	6,000	46,000	8,000
30-39	71,000	S	D	12,000	3,000	D	48,000	1,000	68,000	3,000	57,000	14,000
40-49	45,000	5,000	D	4,000	S	D	34,000	*	40,000	5,000	42,000	3,000
50-75	77,000	3,000	D	9,000	2,000	D	62,000	S	63,000	13,000	75,000	2,000
Social and related scientists	200,000	19,000	D	16,000	16,000	D	141,000	7,000	185,000	15,000	183,000	16,000
29 and younger	30,000	6,000	D	3,000	2,000	D	16,000	D	27,000	2,000	26,000	3,000
30-39	70,000	6,000	D	7,000	S	D	46,000	1,000	63,000	7,000	64,000	6,000
40-49	36,000	2,000	D	3,000	S	D	28,000	S	34,000	2,000	34,000	2,000
50-75	63,000	6,000	D	2,000	2,000	D	52,000	S	60,000	3,000	59,000	5,000
Engineers	1,766,000	178,000	S	285,000	72,000	S	1,177,000	50,000	1,601,000	165,000	1,614,000	152,000
29 and younger	394,000	52,000	D	50,000	12,000	D	269,000	11,000	358,000	35,000	362,000	32,000
30-39	543,000	56,000	*	100,000	24,000	D	345,000	18,000	507,000	36,000	471,000	72,000
40-49	354,000	36,000	D	56,000	22,000	D	227,000	12,000	319,000	34,000	325,000	29,000
50-75	475,000	35,000	D	79,000	14,000	D	336,000	10,000	416,000	60,000	456,000	19,000
S&E-related occupations	4,161,000	422,000	5,000	712,000	255,000	3,000	2,633,000	131,000	3,721,000	439,000	3,892,000	269,000
29 and younger	634,000	88,000	D	93,000	26,000	D	403,000	23,000	573,000	61,000	600,000	34,000
30-39	1,210,000	135,000	S	192,000	89,000	D	747,000	44,000	1,105,000	105,000	1,092,000	118,000
40-49	991,000	86,000	S	194,000	62,000	D	620,000	25,000	903,000	88,000	917,000	74,000
50-75	1,326,000	114,000	1,000	233,000	77,000	D	862,000	38,000	1,141,000	186,000	1,283,000	43,000
Non-S&E occupations	13,700,000	1,511,000	30,000	933,000	1,045,000	7,000	9,844,000	330,000	12,070,000	1,631,000	13,186,000	514,000
29 and younger	1,889,000	240,000	D	100,000	170,000	D	1,268,000	109,000	1,701,000	188,000	1,849,000	40,000
30-39	3,447,000	403,000	1,000	292,000	211,000	D	2,459,000	80,000	3,107,000	340,000	3,262,000	185,000
40-49	3,410,000	428,000	S	256,000	269,000	D	2,387,000	55,000	3,051,000	360,000	3,221,000	189,000
50-75	4,954,000	441,000	17,000	285,000	395,000	S	3,729,000	86,000	4,211,000	744,000	4,855,000	99,000

* = 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. Full-time employed college graduates are individuals working at least 35 hours in a typical week. 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.

Source(s):

National Center for Science and Engineering Statistics, National Survey of College Graduates, 2023.