

TABLE 2-3

Full-time employed college graduates, by sex, major occupation, age, ethnicity, race, disability status, and citizenship status: 2019

(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, all occupations	41,929,000	3,942,000	163,000	4,249,000	3,345,000	113,000	29,143,000	974,000	37,280,000	4,649,000	39,709,000	2,220,000
29 and younger	6,440,000	738,000	S	699,000	409,000	8,000	4,269,000	267,000	5,883,000	557,000	6,106,000	334,000
30-39	11,610,000	1,284,000	31,000	1,311,000	838,000	22,000	7,780,000	343,000	10,766,000	844,000	10,547,000	1,062,000
40-49	10,315,000	971,000	37,000	1,157,000	1,021,000	42,000	6,873,000	214,000	9,270,000	1,044,000	9,785,000	530,000
50-75	13,564,000	949,000	47,000	1,082,000	1,077,000	39,000	10,220,000	150,000	11,361,000	2,203,000	13,271,000	293,000
S&E occupations	6,784,000	511,000	S	1,391,000	344,000	16,000	4,353,000	148,000	6,215,000	568,000	5,896,000	888,000
29 and younger	1,260,000	126,000	S	266,000	54,000	S	760,000	48,000	1,159,000	102,000	1,064,000	196,000
30-39	2,126,000	181,000	S	518,000	119,000	4,000	1,236,000	55,000	2,012,000	113,000	1,645,000	481,000
40-49	1,553,000	116,000	5,000	339,000	78,000	3,000	991,000	21,000	1,432,000	121,000	1,404,000	148,000
50-75	1,845,000	88,000	S	268,000	93,000	S	1,366,000	24,000	1,612,000	232,000	1,782,000	63,000
Biological, agricultural, and other life scientists	616,000	53,000	1,000	140,000	19,000	D	390,000	12,000	572,000	43,000	520,000	96,000
29 and younger	137,000	21,000	D	22,000	6,000	D	81,000	7,000	126,000	11,000	123,000	14,000
30-39	199,000	18,000	D	52,000	6,000	D	119,000	3,000	190,000	9,000	143,000	56,000
40-49	129,000	9,000	D	31,000	4,000	D	83,000	2,000	121,000	8,000	112,000	17,000
50-75	151,000	5,000	D	35,000	3,000	D	107,000	1,000	136,000	15,000	142,000	8,000
Computer and mathematical scientists	3,520,000	223,000	S	865,000	205,000	6,000	2,121,000	86,000	3,231,000	289,000	2,975,000	545,000
29 and younger	596,000	44,000	D	149,000	33,000	D	341,000	28,000	542,000	54,000	483,000	112,000
30-39	1,145,000	88,000	S	340,000	74,000	S	594,000	35,000	1,084,000	62,000	834,000	311,000
40-49	858,000	52,000	D	232,000	44,000	D	521,000	9,000	799,000	60,000	769,000	89,000
50-75	921,000	39,000	D	144,000	55,000	S	665,000	13,000	807,000	114,000	889,000	32,000
Physical and related scientists	361,000	23,000	1,000	49,000	18,000	S	264,000	6,000	319,000	43,000	315,000	46,000
29 and younger	88,000	4,000	D	16,000	S	D	62,000	S	74,000	S	74,000	15,000
30-39	112,000	11,000	D	18,000	9,000	D	72,000	2,000	104,000	7,000	90,000	22,000
40-49	66,000	4,000	D	7,000	S	D	52,000	S	57,000	9,000	59,000	6,000
50-75	95,000	4,000	D	8,000	6,000	D	77,000	1,000	83,000	12,000	92,000	3,000
Social and related scientists	477,000	61,000	S	33,000	30,000	S	344,000	8,000	439,000	39,000	448,000	29,000
29 and younger	70,000	S	D	7,000	3,000	D	38,000	2,000	66,000	4,000	64,000	6,000
30-39	168,000	22,000	D	13,000	13,000	D	117,000	2,000	155,000	13,000	153,000	14,000
40-49	115,000	13,000	D	6,000	6,000	S	87,000	2,000	107,000	7,000	109,000	5,000
50-75	125,000	6,000	D	6,000	8,000	D	102,000	2,000	110,000	15,000	122,000	3,000
Engineers	1,809,000	150,000	5,000	305,000	71,000	7,000	1,235,000	36,000	1,655,000	154,000	1,636,000	172,000
29 and younger	369,000	36,000	D	73,000	10,000	S	238,000	9,000	350,000	19,000	320,000	49,000

TABLE 2-3

Full-time employed college graduates, by sex, major occupation, age, ethnicity, race, disability status, and citizenship status: 2019

(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				
30-39	502,000	43,000	S	94,000	16,000	S	334,000	12,000	480,000	22,000	425,000	77,000
40-49	385,000	38,000	D	63,000	24,000	2,000	249,000	7,000	349,000	37,000	355,000	31,000
50-75	553,000	33,000	D	75,000	21,000	D	415,000	8,000	476,000	77,000	537,000	16,000
S&E-related occupations	7,269,000	644,000	22,000	957,000	535,000	29,000	4,921,000	161,000	6,677,000	592,000	6,857,000	412,000
29 and younger	1,119,000	103,000	2,000	161,000	63,000	S	762,000	27,000	1,067,000	52,000	1,069,000	50,000
30-39	2,064,000	181,000	4,000	259,000	139,000	3,000	1,411,000	67,000	1,967,000	96,000	1,863,000	200,000
40-49	1,752,000	145,000	5,000	305,000	153,000	S	1,088,000	33,000	1,612,000	140,000	1,647,000	105,000
50-75	2,335,000	214,000	S	232,000	180,000	S	1,661,000	34,000	2,030,000	304,000	2,278,000	57,000
Non-S&E occupations	27,876,000	2,787,000	119,000	1,901,000	2,467,000	67,000	19,868,000	665,000	24,388,000	3,488,000	26,957,000	919,000
29 and younger	4,061,000	509,000	S	272,000	292,000	S	2,747,000	192,000	3,657,000	404,000	3,972,000	88,000
30-39	7,420,000	922,000	13,000	534,000	580,000	16,000	5,133,000	221,000	6,786,000	634,000	7,039,000	381,000
40-49	7,010,000	710,000	28,000	513,000	790,000	16,000	4,795,000	159,000	6,227,000	784,000	6,734,000	276,000
50-75	9,385,000	647,000	32,000	582,000	804,000	33,000	7,194,000	92,000	7,718,000	1,666,000	9,211,000	174,000
Female, all occupations	20,577,000	2,110,000	110,000	1,939,000	1,970,000	37,000	13,848,000	562,000	18,426,000	2,151,000	19,809,000	768,000
29 and younger	3,665,000	431,000	S	343,000	274,000	3,000	2,420,000	152,000	3,356,000	309,000	3,550,000	115,000
30-39	5,785,000	715,000	15,000	602,000	496,000	9,000	3,739,000	210,000	5,388,000	398,000	5,367,000	418,000
40-49	5,089,000	531,000	27,000	540,000	580,000	12,000	3,255,000	144,000	4,593,000	496,000	4,947,000	142,000
50-75	6,038,000	434,000	27,000	453,000	620,000	14,000	4,435,000	56,000	5,089,000	949,000	5,946,000	92,000
S&E occupations	1,861,000	154,000	4,000	420,000	118,000	3,000	1,110,000	52,000	1,722,000	139,000	1,628,000	233,000
29 and younger	382,000	44,000	D	83,000	18,000	D	218,000	18,000	353,000	29,000	324,000	58,000
30-39	592,000	55,000	1,000	155,000	45,000	S	317,000	19,000	564,000	28,000	463,000	129,000
40-49	427,000	36,000	S	112,000	19,000	S	248,000	8,000	400,000	27,000	395,000	31,000
50-75	460,000	19,000	S	70,000	36,000	D	327,000	7,000	405,000	55,000	445,000	15,000
Biological, agricultural, and other life scientists	291,000	29,000	*	64,000	10,000	D	181,000	6,000	273,000	18,000	248,000	43,000
29 and younger	61,000	7,000	D	10,000	3,000	D	39,000	3,000	55,000	6,000	53,000	8,000
30-39	98,000	13,000	D	25,000	3,000	D	55,000	1,000	95,000	3,000	73,000	24,000
40-49	68,000	6,000	D	15,000	3,000	D	43,000	1,000	65,000	4,000	61,000	7,000
50-75	64,000	3,000	D	14,000	1,000	D	45,000	D	58,000	6,000	60,000	4,000
Computer and mathematical scientists	874,000	42,000	S	265,000	67,000	D	470,000	27,000	810,000	64,000	738,000	135,000
29 and younger	152,000	8,000	D	50,000	9,000	D	76,000	9,000	136,000	16,000	118,000	34,000
30-39	247,000	14,000	D	95,000	S	D	99,000	12,000	239,000	7,000	171,000	76,000
40-49	217,000	12,000	D	78,000	11,000	D	114,000	3,000	205,000	12,000	199,000	18,000

TABLE 2-3

Full-time employed college graduates, by sex, major occupation, age, ethnicity, race, disability status, and citizenship status: 2019

(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				
50–75	259,000	9,000	D	43,000	21,000	D	182,000	4,000	230,000	29,000	251,000	8,000
Physical and related scientists	121,000	9,000	D	13,000	7,000	D	88,000	4,000	105,000	16,000	109,000	12,000
29 and younger	36,000	3,000	D	1,000	D	D	28,000	S	32,000	4,000	33,000	4,000
30–39	45,000	4,000	D	8,000	2,000	D	31,000	S	41,000	4,000	38,000	8,000
40–49	21,000	S	D	1,000	D	D	18,000	D	18,000	3,000	21,000	1,000
50–75	18,000	1,000	D	2,000	4,000	D	11,000	D	13,000	5,000	18,000	*
Social and related scientists	293,000	44,000	*	22,000	22,000	S	197,000	6,000	270,000	23,000	277,000	16,000
29 and younger	52,000	S	D	5,000	2,000	D	28,000	2,000	51,000	2,000	50,000	3,000
30–39	113,000	15,000	D	10,000	10,000	D	77,000	2,000	102,000	11,000	104,000	9,000
40–49	69,000	11,000	D	4,000	4,000	D	47,000	2,000	65,000	4,000	66,000	3,000
50–75	59,000	3,000	D	3,000	7,000	D	45,000	S	52,000	7,000	57,000	S
Engineers	282,000	29,000	S	56,000	11,000	D	175,000	9,000	264,000	18,000	256,000	27,000
29 and younger	81,000	11,000	D	17,000	3,000	D	47,000	3,000	79,000	2,000	71,000	10,000
30–39	90,000	9,000	D	18,000	3,000	D	56,000	3,000	87,000	3,000	77,000	13,000
40–49	51,000	6,000	D	14,000	2,000	D	27,000	1,000	47,000	5,000	48,000	3,000
50–75	60,000	3,000	D	8,000	S	D	44,000	D	52,000	8,000	59,000	*
S&E-related occupations	3,870,000	358,000	9,000	494,000	296,000	7,000	2,609,000	96,000	3,637,000	233,000	3,742,000	128,000
29 and younger	747,000	59,000	S	102,000	49,000	D	515,000	20,000	720,000	27,000	721,000	26,000
30–39	1,106,000	108,000	2,000	137,000	81,000	S	734,000	44,000	1,070,000	36,000	1,047,000	60,000
40–49	877,000	82,000	D	162,000	59,000	5,000	547,000	21,000	827,000	50,000	850,000	27,000
50–75	1,140,000	109,000	S	94,000	107,000	S	814,000	S	1,020,000	120,000	1,124,000	16,000
Non-S&E occupations	14,846,000	1,599,000	97,000	1,025,000	1,556,000	27,000	10,128,000	414,000	13,068,000	1,778,000	14,440,000	406,000
29 and younger	2,536,000	328,000	S	159,000	207,000	S	1,687,000	113,000	2,283,000	252,000	2,504,000	31,000
30–39	4,087,000	552,000	12,000	310,000	370,000	7,000	2,688,000	147,000	3,754,000	333,000	3,858,000	229,000
40–49	3,785,000	413,000	24,000	266,000	502,000	6,000	2,459,000	116,000	3,366,000	419,000	3,701,000	84,000
50–75	4,438,000	306,000	21,000	290,000	477,000	12,000	3,294,000	37,000	3,665,000	774,000	4,377,000	62,000
Male, all occupations	21,352,000	1,832,000	53,000	2,311,000	1,375,000	75,000	15,294,000	412,000	18,854,000	2,498,000	19,900,000	1,452,000
29 and younger	2,775,000	307,000	S	356,000	135,000	S	1,850,000	115,000	2,527,000	248,000	2,556,000	219,000
30–39	5,825,000	569,000	S	710,000	342,000	14,000	4,041,000	133,000	5,378,000	446,000	5,180,000	645,000
40–49	5,226,000	440,000	10,000	616,000	441,000	31,000	3,619,000	70,000	4,677,000	549,000	4,838,000	387,000
50–75	7,526,000	515,000	20,000	628,000	458,000	26,000	5,785,000	94,000	6,272,000	1,254,000	7,325,000	201,000
S&E occupations	4,922,000	357,000	S	972,000	226,000	14,000	3,242,000	96,000	4,494,000	429,000	4,268,000	655,000
29 and younger	878,000	81,000	S	183,000	36,000	S	543,000	30,000	806,000	72,000	740,000	138,000
30–39	1,533,000	126,000	S	364,000	74,000	S	919,000	35,000	1,448,000	85,000	1,182,000	352,000

TABLE 2-3

Full-time employed college graduates, by sex, major occupation, age, ethnicity, race, disability status, and citizenship status: 2019

(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				
40-49	1,126,000	80,000	3,000	227,000	59,000	2,000	743,000	13,000	1,032,000	94,000	1,009,000	117,000
50-75	1,385,000	69,000	1,000	198,000	57,000	S	1,039,000	17,000	1,208,000	177,000	1,337,000	48,000
Biological, agricultural, and other life scientists	324,000	24,000	S	76,000	9,000	D	208,000	6,000	299,000	25,000	272,000	52,000
29 and younger	76,000	14,000	D	12,000	S	D	42,000	S	71,000	S	70,000	6,000
30-39	101,000	5,000	D	27,000	3,000	D	64,000	2,000	95,000	S	69,000	32,000
40-49	61,000	3,000	D	16,000	1,000	D	40,000	D	56,000	4,000	51,000	10,000
50-75	87,000	2,000	D	21,000	1,000	D	62,000	S	78,000	9,000	82,000	4,000
Computer and mathematical scientists	2,647,000	181,000	S	600,000	138,000	S	1,651,000	59,000	2,421,000	226,000	2,237,000	409,000
29 and younger	444,000	37,000	D	99,000	24,000	D	265,000	20,000	406,000	38,000	366,000	79,000
30-39	899,000	74,000	D	246,000	47,000	D	496,000	23,000	844,000	54,000	663,000	235,000
40-49	641,000	40,000	D	154,000	33,000	D	407,000	7,000	594,000	48,000	570,000	71,000
50-75	662,000	31,000	D	101,000	34,000	S	483,000	9,000	577,000	85,000	638,000	24,000
Physical and related scientists	240,000	14,000	*	36,000	10,000	D	176,000	2,000	214,000	26,000	207,000	34,000
29 and younger	52,000	1,000	D	14,000	D	D	34,000	S	43,000	D	41,000	11,000
30-39	67,000	7,000	D	10,000	7,000	D	42,000	1,000	63,000	4,000	53,000	14,000
40-49	44,000	3,000	D	6,000	S	D	34,000	*	38,000	6,000	39,000	6,000
50-75	77,000	3,000	D	5,000	2,000	D	66,000	*	71,000	7,000	74,000	3,000
Social and related scientists	184,000	16,000	S	10,000	8,000	D	147,000	2,000	169,000	15,000	171,000	13,000
29 and younger	18,000	4,000	D	1,000	S	D	11,000	D	15,000	2,000	14,000	3,000
30-39	55,000	7,000	D	4,000	3,000	D	40,000	1,000	53,000	2,000	49,000	6,000
40-49	46,000	2,000	D	2,000	S	D	39,000	D	42,000	4,000	43,000	3,000
50-75	66,000	3,000	D	3,000	2,000	D	58,000	1,000	58,000	7,000	64,000	2,000
Engineers	1,527,000	121,000	3,000	249,000	60,000	7,000	1,060,000	27,000	1,390,000	136,000	1,381,000	146,000
29 and younger	288,000	25,000	D	56,000	7,000	D	190,000	6,000	271,000	17,000	249,000	39,000
30-39	412,000	34,000	S	77,000	13,000	S	277,000	9,000	393,000	19,000	347,000	65,000
40-49	334,000	32,000	D	49,000	22,000	S	222,000	6,000	302,000	32,000	307,000	27,000
50-75	493,000	30,000	D	67,000	18,000	D	371,000	6,000	424,000	69,000	478,000	15,000
S&E-related occupations	3,399,000	286,000	S	463,000	239,000	S	2,312,000	65,000	3,040,000	359,000	3,115,000	284,000
29 and younger	372,000	44,000	D	59,000	14,000	D	247,000	7,000	347,000	25,000	348,000	24,000
30-39	958,000	73,000	2,000	123,000	58,000	S	677,000	23,000	898,000	60,000	817,000	141,000
40-49	875,000	63,000	3,000	143,000	94,000	S	541,000	13,000	784,000	91,000	796,000	79,000
50-75	1,195,000	105,000	S	138,000	73,000	S	847,000	22,000	1,011,000	184,000	1,154,000	41,000

TABLE 2-3

Full-time employed college graduates, by sex, major occupation, age, ethnicity, race, disability status, and citizenship status: 2019

(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				
Non-S&E occupations	13,030,000	1,189,000	22,000	876,000	910,000	40,000	9,740,000	252,000	11,320,000	1,710,000	12,517,000	513,000
29 and younger	1,525,000	182,000	S	113,000	86,000	*	1,060,000	79,000	1,374,000	152,000	1,468,000	57,000
30–39	3,334,000	370,000	S	224,000	210,000	S	2,445,000	74,000	3,032,000	301,000	3,182,000	152,000
40–49	3,225,000	297,000	4,000	247,000	287,000	10,000	2,336,000	44,000	2,860,000	364,000	3,033,000	192,000
50–75	4,946,000	341,000	11,000	292,000	327,000	21,000	3,899,000	55,000	4,053,000	893,000	4,834,000	112,000

* = 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 35 or more hours per week on their principal job. 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.