

TABLE 2-2

Full-time employed college graduates, by major occupation, age, level of highest degree, and sex: 2023

(Number)

Occupation and age	All degrees			Bachelor's			Master's			Doctorate			Professional		
	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male
All occupations	47,357,000	23,700,000	23,657,000	28,834,000	13,988,000	14,846,000	13,408,000	7,442,000	5,966,000	2,176,000	920,000	1,255,000	2,940,000	1,349,000	1,591,000
29 and younger	8,039,000	4,293,000	3,745,000	6,148,000	3,112,000	3,036,000	1,472,000	939,000	533,000	111,000	52,000	59,000	307,000	189,000	118,000
30-39	13,411,000	6,947,000	6,464,000	7,910,000	3,868,000	4,042,000	4,016,000	2,325,000	1,691,000	629,000	292,000	337,000	855,000	461,000	394,000
40-49	11,400,000	5,698,000	5,702,000	6,359,000	3,035,000	3,324,000	3,724,000	2,036,000	1,688,000	606,000	269,000	337,000	711,000	357,000	354,000
50-75	14,508,000	6,762,000	7,746,000	8,416,000	3,972,000	4,444,000	4,195,000	2,141,000	2,054,000	829,000	306,000	523,000	1,067,000	342,000	725,000
S&E occupations	8,086,000	2,289,000	5,796,000	4,731,000	1,166,000	3,566,000	2,364,000	772,000	1,593,000	930,000	319,000	611,000	60,000	34,000	27,000
29 and younger	1,788,000	566,000	1,222,000	1,330,000	374,000	956,000	404,000	173,000	231,000	53,000	18,000	35,000	D	D	D
30-39	2,553,000	746,000	1,807,000	1,422,000	346,000	1,076,000	775,000	261,000	514,000	337,000	131,000	207,000	19,000	S	10,000
40-49	1,785,000	483,000	1,301,000	955,000	216,000	739,000	563,000	164,000	399,000	254,000	96,000	158,000	12,000	7,000	5,000
50-75	1,959,000	494,000	1,465,000	1,025,000	230,000	795,000	622,000	174,000	448,000	285,000	74,000	211,000	28,000	17,000	11,000
Biological, agricultural, and other life scientists	729,000	356,000	373,000	276,000	133,000	143,000	179,000	102,000	78,000	253,000	109,000	144,000	21,000	12,000	8,000
29 and younger	172,000	96,000	76,000	102,000	52,000	50,000	58,000	S	21,000	13,000	7,000	6,000	D	D	D
30-39	233,000	114,000	119,000	93,000	42,000	50,000	44,000	26,000	18,000	95,000	45,000	49,000	1,000	D	1,000
40-49	147,000	68,000	79,000	38,000	16,000	22,000	35,000	18,000	16,000	69,000	30,000	39,000	6,000	S	S
50-75	176,000	78,000	99,000	44,000	23,000	21,000	43,000	21,000	22,000	76,000	26,000	50,000	13,000	S	6,000
Computer and mathematical scientists	4,323,000	1,112,000	3,211,000	2,829,000	670,000	2,159,000	1,269,000	389,000	880,000	204,000	45,000	159,000	21,000	S	12,000
29 and younger	901,000	231,000	669,000	709,000	165,000	545,000	178,000	63,000	115,000	14,000	4,000	10,000	D	D	D
30-39	1,377,000	373,000	1,004,000	868,000	212,000	656,000	425,000	144,000	281,000	75,000	16,000	60,000	9,000	D	7,000
40-49	1,029,000	242,000	787,000	629,000	135,000	494,000	334,000	89,000	245,000	63,000	17,000	46,000	3,000	D	D
50-75	1,017,000	265,000	751,000	623,000	158,000	465,000	332,000	93,000	239,000	53,000	9,000	44,000	9,000	S	3,000
Physical and related scientists	394,000	148,000	246,000	171,000	77,000	94,000	101,000	39,000	62,000	121,000	31,000	90,000	D	D	D
29 and younger	97,000	43,000	54,000	63,000	29,000	34,000	26,000	12,000	14,000	8,000	2,000	6,000	D	D	D
30-39	121,000	50,000	71,000	51,000	25,000	25,000	33,000	13,000	20,000	38,000	12,000	26,000	D	D	D
40-49	72,000	27,000	45,000	22,000	9,000	13,000	21,000	9,000	12,000	29,000	9,000	20,000	D	D	D
50-75	104,000	27,000	77,000	36,000	14,000	22,000	21,000	6,000	16,000	46,000	8,000	39,000	D	D	D
Social and related scientists	513,000	314,000	200,000	135,000	73,000	62,000	185,000	124,000	61,000	176,000	103,000	73,000	18,000	13,000	5,000
29 and younger	97,000	68,000	30,000	49,000	33,000	16,000	42,000	31,000	11,000	5,000	3,000	2,000	D	D	D
30-39	173,000	102,000	70,000	37,000	19,000	18,000	57,000	35,000	23,000	69,000	41,000	28,000	S	S	2,000
40-49	108,000	71,000	36,000	21,000	10,000	S	34,000	26,000	8,000	50,000	33,000	17,000	3,000	2,000	S
50-75	136,000	72,000	63,000	28,000	11,000	17,000	51,000	32,000	19,000	51,000	26,000	25,000	5,000	S	S
Engineers	2,127,000	361,000	1,766,000	1,320,000	212,000	1,108,000	629,000	118,000	512,000	176,000	31,000	145,000	S	D	D
29 and younger	522,000	128,000	394,000	408,000	96,000	312,000	101,000	30,000	70,000	13,000	2,000	11,000	D	D	D
30-39	650,000	107,000	543,000	374,000	47,000	327,000	215,000	44,000	172,000	61,000	16,000	44,000	D	D	D
40-49	429,000	75,000	354,000	246,000	46,000	200,000	139,000	21,000	118,000	43,000	7,000	36,000	D	D	D
50-75	527,000	51,000	475,000	293,000	24,000	269,000	174,000	23,000	152,000	59,000	5,000	54,000	D	D	D

TABLE 2-2

Full-time employed college graduates, by major occupation, age, level of highest degree, and sex: 2023

(Number)

Occupation and age	All degrees			Bachelor's			Master's			Doctorate			Professional		
	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male	Total	Female	Male
S&E-related occupations	9,336,000	5,175,000	4,161,000	4,867,000	2,765,000	2,101,000	2,562,000	1,502,000	1,060,000	483,000	244,000	239,000	1,424,000	664,000	760,000
29 and younger	1,676,000	1,042,000	634,000	1,141,000	691,000	449,000	288,000	213,000	76,000	50,000	29,000	21,000	197,000	109,000	88,000
30–39	2,835,000	1,625,000	1,210,000	1,395,000	771,000	624,000	822,000	504,000	318,000	142,000	82,000	60,000	476,000	268,000	208,000
40–49	2,100,000	1,109,000	991,000	926,000	531,000	396,000	691,000	369,000	322,000	132,000	61,000	71,000	351,000	149,000	202,000
50–75	2,725,000	1,399,000	1,326,000	1,405,000	773,000	632,000	760,000	416,000	344,000	160,000	73,000	87,000	400,000	138,000	263,000
Non-S&E occupations	29,935,000	16,235,000	13,700,000	19,236,000	10,057,000	9,178,000	8,482,000	5,168,000	3,313,000	763,000	358,000	405,000	1,455,000	652,000	803,000
29 and younger	4,575,000	2,686,000	1,889,000	3,678,000	2,047,000	1,631,000	779,000	554,000	226,000	8,000	6,000	3,000	109,000	79,000	30,000
30–39	8,022,000	4,575,000	3,447,000	5,094,000	2,752,000	2,342,000	2,419,000	1,560,000	860,000	150,000	80,000	70,000	359,000	184,000	175,000
40–49	7,515,000	4,105,000	3,410,000	4,477,000	2,288,000	2,189,000	2,470,000	1,503,000	967,000	220,000	112,000	108,000	348,000	202,000	147,000
50–75	9,823,000	4,869,000	4,954,000	5,987,000	2,970,000	3,017,000	2,814,000	1,552,000	1,262,000	384,000	160,000	224,000	639,000	187,000	452,000

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."

Source(s):

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