

TABLE 1-2

## Employed college graduates, by level of highest degree, minor field of highest degree, and major occupation: 2023

(Number)

Level and field of highest degree	Total	S&E occupations						S&E-related occupations	Non-S&E occupations
		Total	Biological, agricultural, and other life scientists	Computer and mathematical scientists	Physical and related scientists	Social and related scientists	Engineers		
All degrees	56,061,000	8,711,000	813,000	4,573,000	430,000	631,000	2,263,000	11,253,000	36,097,000
S&E fields	17,561,000	6,520,000	637,000	3,142,000	400,000	394,000	1,946,000	2,954,000	8,087,000
Biological, agricultural, and environmental life sciences	2,732,000	760,000	520,000	96,000	91,000	16,000	38,000	759,000	1,213,000
Agricultural and food sciences	372,000	53,000	42,000	3,000	5,000	*	2,000	60,000	259,000
Biological sciences	2,022,000	629,000	454,000	79,000	59,000	11,000	26,000	651,000	742,000
Environmental life sciences	338,000	77,000	24,000	14,000	26,000	S	9,000	49,000	212,000
Computer and mathematical sciences	3,557,000	2,105,000	9,000	1,984,000	6,000	11,000	95,000	524,000	927,000
Computer and information sciences	2,775,000	1,807,000	7,000	1,718,000	3,000	3,000	76,000	407,000	561,000
Mathematics and statistics	782,000	298,000	3,000	267,000	S	7,000	19,000	118,000	366,000
Physical and related sciences	954,000	477,000	56,000	90,000	266,000	2,000	62,000	166,000	311,000
Chemistry, except biochemistry	371,000	182,000	35,000	18,000	112,000	S	16,000	73,000	116,000
Earth, atmospheric, and ocean sciences	301,000	142,000	S	19,000	90,000	D	15,000	42,000	116,000
Physics and astronomy	257,000	148,000	3,000	51,000	63,000	S	30,000	43,000	66,000
Other physical sciences	26,000	5,000	D	D	2,000	D	2,000	8,000	13,000
Social and related sciences	6,043,000	738,000	18,000	323,000	11,000	362,000	23,000	686,000	4,619,000
Economics	972,000	157,000	1,000	98,000	*	49,000	8,000	48,000	768,000
Political and related sciences	1,025,000	129,000	D	52,000	2,000	67,000	6,000	60,000	836,000
Psychology	2,502,000	247,000	7,000	81,000	S	154,000	3,000	422,000	1,833,000
Sociology and anthropology	945,000	116,000	3,000	48,000	S	63,000	S	82,000	747,000
Other social sciences	599,000	89,000	S	45,000	6,000	30,000	4,000	75,000	434,000
Engineering	4,274,000	2,440,000	33,000	649,000	27,000	3,000	1,728,000	818,000	1,017,000
Aerospace, aeronautical, and astronautical engineering	175,000	123,000	D	15,000	D	D	108,000	26,000	27,000
Chemical engineering	277,000	148,000	8,000	14,000	6,000	D	119,000	51,000	78,000
Civil and architectural engineering	554,000	302,000	D	15,000	2,000	D	284,000	91,000	161,000
Electrical and computer engineering	1,459,000	896,000	D	467,000	2,000	D	426,000	330,000	233,000
Industrial engineering	274,000	104,000	D	35,000	D	D	68,000	61,000	109,000
Mechanical engineering	917,000	553,000	S	52,000	2,000	D	494,000	139,000	225,000
Other engineering	619,000	314,000	20,000	51,000	14,000	D	229,000	120,000	185,000
S&E-related fields	8,562,000	532,000	110,000	251,000	13,000	52,000	105,000	6,213,000	1,817,000
Health	6,868,000	233,000	103,000	75,000	9,000	31,000	14,000	5,574,000	1,061,000
Science and mathematics teacher education	545,000	33,000	S	23,000	S	3,000	2,000	232,000	280,000
Technology and technical fields	561,000	215,000	S	138,000	1,000	D	74,000	126,000	220,000
Other S&E-related fields	588,000	52,000	S	15,000	D	17,000	16,000	281,000	256,000
Non-S&E fields	29,938,000	1,660,000	66,000	1,180,000	17,000	185,000	212,000	2,086,000	26,193,000
Management and administration fields	10,130,000	740,000	22,000	547,000	4,000	30,000	137,000	742,000	8,648,000

TABLE 1-2

**Employed college graduates, by level of highest degree, minor field of highest degree, and major occupation: 2023**

(Number)

Level and field of highest degree	Total	S&E occupations						S&E-related occupations	Non-S&E occupations
		Total	Biological, agricultural, and other life scientists	Computer and mathematical scientists	Physical and related scientists	Social and related scientists	Engineers		
Education, except science and math teacher education	5,245,000	77,000	4,000	40,000	2,000	20,000	10,000	400,000	4,768,000
Social service and related fields	1,520,000	82,000	S	49,000	D	27,000	4,000	81,000	1,358,000
Sales and marketing fields	1,451,000	81,000	D	63,000	D	S	9,000	91,000	1,279,000
Art and humanities fields	4,944,000	294,000	S	253,000	S	17,000	16,000	382,000	4,268,000
Other non-S&E fields	6,648,000	387,000	30,000	228,000	8,000	85,000	36,000	390,000	5,872,000
Bachelor's	34,311,000	5,052,000	314,000	2,989,000	185,000	165,000	1,400,000	5,852,000	23,407,000
S&E fields	12,176,000	3,870,000	274,000	2,073,000	176,000	103,000	1,246,000	1,961,000	6,344,000
Biological, agricultural, and environmental life sciences	1,902,000	367,000	221,000	55,000	62,000	9,000	19,000	556,000	980,000
Agricultural and food sciences	300,000	24,000	21,000	2,000	S	D	D	45,000	230,000
Biological sciences	1,359,000	300,000	187,000	44,000	48,000	6,000	14,000	476,000	583,000
Environmental life sciences	243,000	42,000	13,000	9,000	13,000	D	5,000	34,000	166,000
Computer and mathematical sciences	2,428,000	1,351,000	D	1,278,000	S	S	64,000	349,000	728,000
Computer and information sciences	1,895,000	1,196,000	D	1,143,000	*	D	52,000	267,000	432,000
Mathematics and statistics	533,000	155,000	D	135,000	D	S	13,000	82,000	295,000
Physical and related sciences	541,000	209,000	31,000	47,000	99,000	S	31,000	99,000	233,000
Chemistry, except biochemistry	209,000	87,000	18,000	12,000	49,000	D	8,000	46,000	76,000
Earth, atmospheric, and ocean sciences	196,000	68,000	S	10,000	38,000	D	8,000	29,000	99,000
Physics and astronomy	121,000	53,000	1,000	24,000	12,000	D	14,000	19,000	49,000
Other physical sciences	15,000	2,000	D	D	D	D	D	S	9,000
Social and related sciences	4,403,000	367,000	8,000	252,000	5,000	84,000	17,000	418,000	3,618,000
Economics	821,000	95,000	S	74,000	D	14,000	6,000	44,000	683,000
Political and related sciences	740,000	59,000	D	38,000	S	15,000	3,000	45,000	636,000
Psychology	1,619,000	104,000	3,000	65,000	S	31,000	2,000	200,000	1,315,000
Sociology and anthropology	811,000	62,000	D	41,000	D	17,000	S	72,000	677,000
Other social sciences	411,000	46,000	D	35,000	1,000	6,000	4,000	58,000	307,000
Engineering	2,902,000	1,577,000	13,000	441,000	8,000	D	1,115,000	539,000	786,000
Aerospace, aeronautical, and astronautical engineering	115,000	83,000	D	12,000	D	D	71,000	15,000	16,000
Chemical engineering	210,000	110,000	5,000	11,000	3,000	D	91,000	35,000	65,000
Civil and architectural engineering	393,000	197,000	D	12,000	D	D	184,000	64,000	131,000
Electrical and computer engineering	953,000	573,000	D	321,000	D	D	251,000	216,000	164,000
Industrial engineering	192,000	62,000	D	18,000	D	D	44,000	46,000	84,000
Mechanical engineering	699,000	412,000	D	40,000	D	D	370,000	97,000	191,000
Other engineering	340,000	139,000	S	27,000	2,000	D	103,000	66,000	135,000
S&E-related fields	4,028,000	248,000	12,000	145,000	S	15,000	72,000	2,710,000	1,069,000
Health	2,971,000	69,000	11,000	37,000	S	S	7,000	2,334,000	568,000

TABLE 1-2

**Employed college graduates, by level of highest degree, minor field of highest degree, and major occupation: 2023**

(Number)

Level and field of highest degree	Total	S&E occupations						S&E-related occupations	Non-S&E occupations
		Total	Biological, agricultural, and other life scientists	Computer and mathematical scientists	Physical and related scientists	Social and related scientists	Engineers		
Science and mathematics teacher education	253,000	9,000	D	S	D	D	D	S	139,000
Technology and technical fields	436,000	149,000	D	91,000	D	D	58,000	93,000	193,000
Other S&E-related fields	369,000	22,000	D	9,000	D	5,000	7,000	178,000	169,000
Non-S&E fields	18,107,000	933,000	28,000	771,000	5,000	48,000	82,000	1,180,000	15,993,000
Management and administration fields	6,586,000	346,000	9,000	292,000	*	11,000	34,000	391,000	5,850,000
Education, except science and math teacher education	2,011,000	24,000	D	16,000	D	D	S	107,000	1,879,000
Social service and related fields	543,000	45,000	D	36,000	D	D	D	20,000	478,000
Sales and marketing fields	1,185,000	61,000	D	51,000	D	D	S	83,000	1,040,000
Art and humanities fields	4,015,000	247,000	S	221,000	S	8,000	12,000	320,000	3,448,000
Other non-S&E fields	3,767,000	210,000	14,000	156,000	2,000	17,000	21,000	259,000	3,298,000
Master's	15,719,000	2,593,000	205,000	1,353,000	117,000	239,000	679,000	3,059,000	10,068,000
S&E fields	3,930,000	1,770,000	128,000	879,000	101,000	137,000	526,000	704,000	1,456,000
Biological, agricultural, and environmental life sciences	417,000	152,000	94,000	24,000	20,000	3,000	11,000	111,000	154,000
Agricultural and food sciences	46,000	16,000	10,000	D	3,000	D	1,000	7,000	22,000
Biological sciences	287,000	109,000	75,000	20,000	5,000	2,000	7,000	90,000	88,000
Environmental life sciences	85,000	28,000	9,000	4,000	11,000	S	3,000	14,000	43,000
Computer and mathematical sciences	985,000	642,000	6,000	605,000	S	3,000	25,000	163,000	181,000
Computer and information sciences	795,000	547,000	S	518,000	S	2,000	20,000	131,000	118,000
Mathematics and statistics	190,000	95,000	S	87,000	D	1,000	5,000	32,000	63,000
Physical and related sciences	194,000	113,000	10,000	23,000	66,000	D	15,000	39,000	41,000
Chemistry, except biochemistry	65,000	33,000	5,000	S	20,000	D	6,000	13,000	18,000
Earth, atmospheric, and ocean sciences	68,000	43,000	S	6,000	28,000	D	5,000	11,000	13,000
Physics and astronomy	55,000	36,000	1,000	14,000	17,000	D	4,000	13,000	6,000
Other physical sciences	7,000	1,000	D	D	D	D	D	S	4,000
Social and related sciences	1,262,000	202,000	6,000	57,000	4,000	130,000	5,000	168,000	892,000
Economics	115,000	37,000	D	21,000	D	14,000	S	4,000	74,000
Political and related sciences	255,000	51,000	D	13,000	D	34,000	S	13,000	192,000
Psychology	655,000	65,000	D	11,000	D	53,000	D	128,000	463,000
Sociology and anthropology	94,000	25,000	*	4,000	D	20,000	D	9,000	60,000
Other social sciences	143,000	25,000	S	9,000	3,000	9,000	1,000	14,000	103,000
Engineering	1,072,000	661,000	12,000	169,000	9,000	D	470,000	223,000	188,000
Aerospace, aeronautical, and astronautical engineering	48,000	31,000	D	2,000	D	D	29,000	9,000	8,000
Chemical engineering	35,000	20,000	1,000	2,000	1,000	D	17,000	7,000	7,000
Civil and architectural engineering	134,000	83,000	D	2,000	D	D	80,000	25,000	27,000
Electrical and computer engineering	413,000	262,000	D	123,000	S	D	138,000	96,000	56,000

TABLE 1-2

**Employed college graduates, by level of highest degree, minor field of highest degree, and major occupation: 2023**

(Number)

Level and field of highest degree	Total	S&E occupations						S&E-related occupations	Non-S&E occupations
		Total	Biological, agricultural, and other life scientists	Computer and mathematical scientists	Physical and related scientists	Social and related scientists	Engineers		
Industrial engineering	68,000	34,000	D	13,000	D	D	21,000	12,000	23,000
Mechanical engineering	174,000	110,000	D	10,000	D	D	96,000	36,000	28,000
Other engineering	200,000	121,000	8,000	17,000	5,000	D	90,000	40,000	40,000
S&E-related fields	2,334,000	202,000	46,000	98,000	6,000	25,000	28,000	1,536,000	596,000
Health	1,727,000	97,000	43,000	33,000	4,000	12,000	5,000	1,277,000	354,000
Science and mathematics teacher education	279,000	20,000	S	13,000	S	D	1,000	127,000	132,000
Technology and technical fields	116,000	61,000	D	46,000	D	D	13,000	31,000	25,000
Other S&E-related fields	212,000	25,000	D	S	D	11,000	9,000	102,000	85,000
Non-S&E fields	9,455,000	621,000	30,000	377,000	11,000	77,000	126,000	819,000	8,015,000
Management and administration fields	3,474,000	389,000	13,000	255,000	3,000	18,000	100,000	346,000	2,739,000
Education, except science and math teacher education	2,964,000	39,000	S	22,000	1,000	10,000	S	270,000	2,654,000
Social service and related fields	884,000	23,000	D	9,000	D	12,000	1,000	59,000	802,000
Sales and marketing fields	260,000	20,000	D	13,000	D	S	3,000	8,000	232,000
Art and humanities fields	739,000	39,000	D	27,000	1,000	7,000	3,000	52,000	648,000
Other non-S&E fields	1,134,000	110,000	11,000	51,000	5,000	29,000	14,000	84,000	940,000
Doctorate	2,488,000	995,000	271,000	211,000	127,000	203,000	184,000	576,000	917,000
S&E fields	1,393,000	867,000	235,000	190,000	124,000	143,000	175,000	260,000	266,000
Biological, agricultural, and environmental life sciences	412,000	241,000	205,000	16,000	9,000	3,000	8,000	93,000	79,000
Agricultural and food sciences	26,000	12,000	11,000	D	1,000	D	D	S	7,000
Biological sciences	376,000	221,000	192,000	14,000	6,000	S	S	85,000	70,000
Environmental life sciences	10,000	7,000	S	D	S	*	S	S	S
Computer and mathematical sciences	143,000	112,000	S	102,000	S	1,000	6,000	12,000	19,000
Computer and information sciences	84,000	64,000	S	57,000	S	S	4,000	9,000	11,000
Mathematics and statistics	59,000	48,000	D	45,000	D	D	2,000	3,000	8,000
Physical and related sciences	219,000	155,000	16,000	20,000	102,000	S	17,000	28,000	37,000
Chemistry, except biochemistry	97,000	62,000	12,000	4,000	43,000	D	3,000	13,000	22,000
Earth, atmospheric, and ocean sciences	37,000	31,000	2,000	3,000	24,000	D	S	2,000	4,000
Physics and astronomy	81,000	60,000	2,000	13,000	33,000	D	11,000	11,000	10,000
Other physical sciences	4,000	2,000	D	D	1,000	D	D	D	D
Social and related sciences	317,000	157,000	4,000	13,000	S	137,000	S	72,000	88,000
Economics	36,000	25,000	D	3,000	D	21,000	D	*	11,000
Political and related sciences	30,000	19,000	D	1,000	D	17,000	D	2,000	9,000
Psychology	166,000	65,000	3,000	4,000	D	58,000	D	66,000	35,000
Sociology and anthropology	40,000	29,000	D	S	D	26,000	D	1,000	10,000
Other social sciences	45,000	18,000	D	2,000	S	14,000	D	3,000	24,000

TABLE 1-2

**Employed college graduates, by level of highest degree, minor field of highest degree, and major occupation: 2023**

(Number)

Level and field of highest degree	Total	S&E occupations					S&E-related occupations	Non-S&E occupations	
		Total	Biological, agricultural, and other life scientists	Computer and mathematical scientists	Physical and related scientists	Social and related scientists			Engineers
Engineering	300,000	202,000	8,000	39,000	10,000	S	143,000	56,000	42,000
Aerospace, aeronautical, and astronautical engineering	13,000	9,000	D	1,000	D	D	8,000	2,000	S
Chemical engineering	32,000	17,000	2,000	1,000	2,000	D	12,000	9,000	6,000
Civil and architectural engineering	27,000	22,000	D	S	D	D	20,000	2,000	3,000
Electrical and computer engineering	92,000	60,000	D	23,000	1,000	D	37,000	19,000	13,000
Industrial engineering	14,000	8,000	D	S	D	D	2,000	S	2,000
Mechanical engineering	44,000	32,000	S	2,000	*	D	28,000	6,000	6,000
Other engineering	79,000	54,000	5,000	6,000	6,000	D	37,000	15,000	10,000
S&E-related fields	384,000	57,000	30,000	8,000	3,000	11,000	5,000	268,000	59,000
Health	354,000	43,000	27,000	4,000	3,000	8,000	D	265,000	46,000
Science and mathematics teacher education	14,000	4,000	D	2,000	D	S	D	*	9,000
Technology and technical fields	9,000	5,000	D	S	D	D	S	S	S
Other S&E-related fields	7,000	4,000	D	D	D	S	D	D	2,000
Non-S&E fields	712,000	71,000	6,000	13,000	D	48,000	4,000	48,000	593,000
Management and administration fields	69,000	5,000	D	1,000	D	1,000	S	S	59,000
Education, except science and math teacher education	271,000	13,000	D	3,000	D	8,000	D	23,000	234,000
Social service and related fields	93,000	13,000	D	S	D	10,000	D	S	78,000
Sales and marketing fields	7,000	D	D	D	D	D	D	D	7,000
Art and humanities fields	190,000	8,000	D	4,000	D	2,000	D	S	172,000
Other non-S&E fields	82,000	33,000	4,000	S	D	27,000	D	S	43,000
Professional	3,543,000	71,000	24,000	21,000	S	25,000	S	1,766,000	1,705,000
S&E fields	62,000	13,000	D	D	D	12,000	D	29,000	20,000
S&E-related fields	1,816,000	24,000	22,000	S	D	D	D	1,698,000	94,000
Non-S&E fields	1,665,000	34,000	D	19,000	D	S	D	39,000	1,591,000

\* = suppressed when population estimate &lt; 500. D = suppressed to avoid disclosure of confidential information. S = suppressed for reliability; coefficient of variation exceeds publication standards.

S&amp;E = science and engineering.

**Note(s):**

Numbers are rounded to the nearest 1,000. Detail may not add to total because of rounding.

**Source(s):**

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