TABLE 1-2

Employed college graduates, by level of highest degree, minor field of highest degree, and major occupation: 2021

(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	51,764,000	7,894,000	794,000	4,031,000	408,000	712,000	1,949,000	9,522,000	34,349,000
S&E fields	16,408,000	6,059,000	651,000	2,848,000	374,000	499,000	1,686,000	2,405,000	7,944,000
Biological, agricultural, and environmental life sciences	2,570,000	768,000	537,000	103,000	80,000	18,000	30,000	667,000	1,136,000
Agricultural and food sciences	308,000	73,000	59,000	S	5,000	D	3,000	40,000	195,000
Biological sciences	1,937,000	610,000	443,000	88,000	50,000	13,000	16,000	591,000	737,000
Environmental life sciences	325,000	85,000	35,000	10,000	25,000	4,000	11,000	36,000	204,000
Computer and mathematical sciences	3,147,000	1,795,000	7,000	1,724,000	3,000	10,000	51,000	463,000	889,000
Computer and information sciences	2,493,000	1,556,000	S	1,506,000	S	5,000	39,000	324,000	614,000
Mathematics and statistics	654,000	239,000	3,000	217,000	1,000	S	12,000	140,000	276,000
Physical and related sciences	906,000	461,000	54,000	91,000	254,000	4,000	58,000	148,000	297,000
Chemistry, except biochemistry	376,000	189,000	42,000	27,000	96,000	2,000	22,000	75,000	113,000
Earth, atmospheric, and ocean sciences	263,000	120,000	7,000	11,000	88,000	S	13,000	31,000	112,000
Physics and astronomy	240,000	146,000	4,000	51,000	67,000	S	23,000	34,000	61,000
Other physical sciences	26,000	6,000	S	S	S	D	S	8,000	11,000
Social and related sciences	5,774,000	758,000	22,000	239,000	10,000	462,000	25,000	486,000	4,529,000
Economics	869,000	123,000	2,000	60,000	S	54,000	6,000	37,000	708,000
Political and related sciences	1,039,000	115,000	1,000	44,000	S	63,000	7,000	67,000	858,000
Psychology	2,336,000	337,000	10,000	68,000	S	253,000	4,000	238,000	1,761,000
Sociology and anthropology	929,000	112,000	4,000	37,000	1,000	66,000	4,000	73,000	744,000
Other social sciences	600,000	71,000	5,000	29,000	6,000	26,000	4,000	71,000	458,000
Engineering	4,011,000	2,277,000	31,000	692,000	27,000	5,000	1,522,000	641,000	1,093,000
Aerospace, aeronautical, and astronautical engineering	145,000	84,000	D	12,000	D	D	71,000	18,000	43,000
Chemical engineering	269,000	148,000	7,000	24,000	7,000	D	110,000	37,000	84,000
Civil and architectural engineering	543,000	296,000	*	22,000	2,000	S	270,000	96,000	151,000

TABLE 1-2

Employed college graduates, by level of highest degree, minor field of highest degree, and major occupation: 2021

(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		
Electrical and computer engineering	1,409,000	885,000	2,000	504,000	4,000	S	372,000	245,000	278,000
Industrial engineering	230,000	82,000	D	28,000	D	D	53,000	41,000	107,000
Mechanical engineering	848,000	500,000	S	62,000	1,000	D	434,000	110,000	238,000
Other engineering	567,000	283,000	20,000	39,000	13,000	D	211,000	93,000	191,000
S&E-related fields	7,822,000	439,000	99,000	189,000	14,000	52,000	86,000	5,519,000	1,863,000
Health	6,364,000	190,000	92,000	55,000	10,000	27,000	7,000	4,983,000	1,191,000
Science and mathematics teacher education	429,000	30,000	4,000	15,000	2,000	S	S	223,000	175,000
Technology and technical fields	488,000	170,000	*	106,000	1,000	S	62,000	92,000	226,000
Other S&E-related fields	541,000	48,000	S	12,000	S	16,000	16,000	221,000	271,000
Non-S&E fields	27,535,000	1,396,000	44,000	995,000	21,000	160,000	177,000	1,597,000	24,541,000
Management and administration fields	9,480,000	647,000	10,000	478,000	4,000	24,000	131,000	527,000	8,305,000
Education, except science and math teacher education	5,019,000	94,000	2,000	62,000	S	22,000	6,000	441,000	4,484,000
Social service and related fields	1,466,000	77,000	D	38,000	D	35,000	4,000	65,000	1,324,000
Sales and marketing fields	1,293,000	61,000	D	52,000	D	S	7,000	62,000	1,169,000
Art and humanities fields	4,526,000	273,000	2,000	234,000	S	20,000	13,000	299,000	3,954,000
Other non-S&E fields	5,752,000	244,000	30,000	131,000	11,000	57,000	16,000	203,000	5,305,000
Bachelor's	31,688,000	4,438,000	295,000	2,574,000	177,000	170,000	1,222,000	5,031,000	22,219,000
S&E fields	11,377,000	3,499,000	257,000	1,866,000	162,000	116,000	1,097,000	1,692,000	6,187,000
Biological, agricultural, and environmental life sciences	1,773,000	371,000	212,000	75,000	51,000	10,000	22,000	489,000	913,000
Agricultural and food sciences	239,000	39,000	29,000	S	S	D	S	33,000	167,000
Biological sciences	1,301,000	281,000	163,000	64,000	34,000	8,000	12,000	433,000	587,000
Environmental life sciences	232,000	51,000	20,000	7,000	15,000	S	7,000	23,000	159,000
Computer and mathematical sciences	2,133,000	1,137,000	D	1,096,000	1,000	S	35,000	321,000	675,000
Computer and information sciences	1,694,000	1,024,000	D	996,000	D	S	26,000	214,000	456,000
Mathematics and statistics	440,000	113,000	D	100,000	*	S	8,000	107,000	219,000

TABLE 1-2

Employed college graduates, by level of highest degree, minor field of highest degree, and major occupation: 2021

(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		
Physical and related sciences	517,000	199,000	26,000	45,000	96,000	2,000	30,000	99,000	218,000
Chemistry, except biochemistry	221,000	93,000	20,000	18,000	41,000	2,000	12,000	55,000	73,000
Earth, atmospheric, and ocean sciences	172,000	54,000	S	8,000	36,000	D	7,000	24,000	94,000
Physics and astronomy	106,000	49,000	2,000	19,000	18,000	D	11,000	16,000	40,000
Other physical sciences	17,000	S	D	D	D	D	D	4,000	11,000
Social and related sciences	4,229,000	321,000	11,000	188,000	7,000	95,000	21,000	353,000	3,554,000
Economics	714,000	67,000	*	49,000	D	11,000	6,000	34,000	613,000
Political and related sciences	777,000	52,000	D	31,000	D	15,000	6,000	53,000	671,000
Psychology	1,521,000	108,000	6,000	57,000	D	41,000	3,000	146,000	1,267,000
Sociology and anthropology	800,000	54,000	2,000	33,000	D	15,000	4,000	66,000	680,000
Other social sciences	417,000	39,000	S	18,000	4,000	13,000	3,000	55,000	323,000
Engineering	2,725,000	1,470,000	9,000	462,000	8,000	S	989,000	428,000	827,000
Aerospace, aeronautical, and astronautical engineering	86,000	47,000	D	10,000	D	D	38,000	9,000	30,000
Chemical engineering	202,000	112,000	3,000	20,000	2,000	D	87,000	25,000	65,000
Civil and architectural engineering	395,000	194,000	D	17,000	*	D	176,000	73,000	128,000
Electrical and computer engineering	924,000	569,000	D	338,000	S	D	227,000	156,000	198,000
Industrial engineering	154,000	46,000	D	13,000	D	D	32,000	26,000	82,000
Mechanical engineering	660,000	372,000	D	44,000	D	D	327,000	85,000	203,000
Other engineering	304,000	130,000	4,000	20,000	3,000	D	103,000	52,000	121,000
S&E-related fields	3,821,000	203,000	20,000	100,000	7,000	S	62,000	2,494,000	1,123,000
Health	2,912,000	57,000	20,000	22,000	6,000	5,000	S	2,187,000	669,000
Science and mathematics teacher education	171,000	S	D	S	D	D	D	90,000	70,000
Technology and technical fields	393,000	117,000	D	67,000	1,000	D	50,000	77,000	198,000
Other S&E-related fields	344,000	18,000	D	S	D	S	7,000	141,000	186,000
Non-S&E fields	16,491,000	736,000	17,000	608,000	8,000	40,000	64,000	845,000	14,909,000

TABLE 1-2

Employed college graduates, by level of highest degree, minor field of highest degree, and major occupation: 2021

(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		
Management and administration fields	6,113,000	292,000	6,000	245,000	1,000	S	35,000	263,000	5,558,000
Education, except science and math teacher education	1,960,000	32,000	D	25,000	D	S	2,000	140,000	1,788,000
Social service and related fields	542,000	26,000	D	16,000	D	7,000	S	18,000	498,000
Sales and marketing fields	1,078,000	44,000	D	37,000	D	S	S	51,000	982,000
Art and humanities fields	3,626,000	231,000	S	205,000	S	S	9,000	251,000	3,145,000
Other non-S&E fields	3,172,000	112,000	9,000	80,000	4,000	S	9,000	122,000	2,938,000
Master's	14,688,000	2,411,000	188,000	1,251,000	105,000	283,000	584,000	2,578,000	9,699,000
S&E fields	3,680,000	1,671,000	137,000	815,000	89,000	175,000	455,000	552,000	1,457,000
Biological, agricultural, and environmental life sciences	417,000	157,000	112,000	14,000	20,000	4,000	7,000	104,000	157,000
Agricultural and food sciences	46,000	20,000	17,000	D	S	D	S	6,000	20,000
Biological sciences	286,000	107,000	82,000	10,000	10,000	S	3,000	85,000	93,000
Environmental life sciences	86,000	29,000	13,000	3,000	8,000	S	4,000	13,000	43,000
Computer and mathematical sciences	888,000	560,000	2,000	539,000	S	4,000	14,000	132,000	195,000
Computer and information sciences	732,000	481,000	1,000	465,000	D	S	12,000	102,000	148,000
Mathematics and statistics	156,000	79,000	1,000	74,000	D	S	2,000	30,000	47,000
Physical and related sciences	174,000	106,000	10,000	25,000	58,000	S	12,000	29,000	39,000
Chemistry, except biochemistry	57,000	28,000	8,000	S	13,000	D	4,000	11,000	19,000
Earth, atmospheric, and ocean sciences	59,000	39,000	1,000	3,000	29,000	D	5,000	6,000	14,000
Physics and astronomy	52,000	37,000	D	20,000	15,000	D	3,000	9,000	6,000
Other physical sciences	6,000	S	D	D	S	D	D	S	1,000
Social and related sciences	1,171,000	212,000	2,000	42,000	2,000	163,000	3,000	109,000	850,000
Economics	114,000	30,000	D	10,000	D	19,000	*	2,000	81,000
Political and related sciences	231,000	46,000	D	12,000	D	32,000	1,000	12,000	173,000
Psychology	602,000	96,000	1,000	7,000	D	86,000	D	73,000	433,000

TABLE 1-2

Employed college graduates, by level of highest degree, minor field of highest degree, and major occupation: 2021

(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		
Sociology and anthropology	82,000	22,000	D	3,000	D	18,000	D	7,000	53,000
Other social sciences	142,000	18,000	D	9,000	1,000	7,000	*	15,000	110,000
Engineering	1,030,000	635,000	11,000	195,000	8,000	S	418,000	178,000	216,000
Aerospace, aeronautical, and astronautical engineering	48,000	29,000	D	2,000	D	D	27,000	7,000	12,000
Chemical engineering	38,000	19,000	1,000	3,000	S	D	15,000	7,000	11,000
Civil and architectural engineering	126,000	85,000	D	4,000	1,000	D	78,000	21,000	20,000
Electrical and computer engineering	406,000	262,000	S	147,000	S	D	113,000	76,000	68,000
Industrial engineering	66,000	31,000	D	11,000	D	D	19,000	12,000	22,000
Mechanical engineering	159,000	107,000	D	16,000	*	D	90,000	23,000	30,000
Other engineering	188,000	102,000	9,000	13,000	5,000	D	76,000	32,000	54,000
S&E-related fields	2,080,000	156,000	28,000	72,000	5,000	31,000	20,000	1,327,000	598,000
Health	1,561,000	65,000	23,000	21,000	2,000	18,000	S	1,102,000	394,000
Science and mathematics teacher education	244,000	14,000	S	9,000	2,000	*	D	133,000	97,000
Technology and technical fields	86,000	48,000	D	37,000	D	S	10,000	13,000	25,000
Other S&E-related fields	189,000	28,000	D	5,000	S	12,000	8,000	80,000	81,000
Non-S&E fields	8,928,000	584,000	23,000	364,000	11,000	77,000	109,000	699,000	7,644,000
Management and administration fields	3,311,000	349,000	4,000	231,000	3,000	17,000	95,000	262,000	2,700,000
Education, except science and math teacher education	2,888,000	53,000	1,000	34,000	S	13,000	S	285,000	2,550,000
Social service and related fields	841,000	39,000	D	S	D	16,000	1,000	45,000	757,000
Sales and marketing fields	210,000	17,000	D	15,000	D	D	D	11,000	183,000
Art and humanities fields	740,000	38,000	D	27,000	D	8,000	3,000	48,000	654,000
Other non-S&E fields	938,000	89,000	18,000	37,000	5,000	23,000	6,000	49,000	800,000
Doctorate	2,141,000	962,000	291,000	185,000	125,000	221,000	141,000	374,000	805,000
S&E fields	1,302,000	861,000	256,000	167,000	122,000	181,000	134,000	157,000	285,000

TABLE 1-2

Employed college graduates, by level of highest degree, minor field of highest degree, and major occupation: 2021

(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		
Biological, agricultural, and environmental life sciences	380,000	240,000	213,000	14,000	9,000	3,000	1,000	74,000	66,000
Agricultural and food sciences	23,000	14,000	13,000	*	D	D	D	1,000	8,000
Biological sciences	350,000	221,000	198,000	14,000	7,000	3,000	S	72,000	56,000
Environmental life sciences	7,000	5,000	S	D	2,000	1,000	D	*	S
Computer and mathematical sciences	127,000	98,000	4,000	89,000	S	1,000	2,000	10,000	19,000
Computer and information sciences	68,000	51,000	S	46,000	D	*	S	7,000	10,000
Mathematics and statistics	59,000	47,000	S	44,000	*	D	S	3,000	9,000
Physical and related sciences	215,000	155,000	19,000	20,000	100,000	D	16,000	20,000	40,000
Chemistry, except biochemistry	97,000	68,000	13,000	7,000	42,000	D	6,000	9,000	21,000
Earth, atmospheric, and ocean sciences	33,000	27,000	3,000	1,000	23,000	D	*	S	4,000
Physics and astronomy	82,000	59,000	2,000	13,000	35,000	D	9,000	9,000	15,000
Other physical sciences	2,000	1,000	D	D	D	D	D	D	D
Social and related sciences	325,000	196,000	9,000	9,000	1,000	177,000	D	19,000	110,000
Economics	42,000	26,000	D	1,000	D	24,000	D	S	15,000
Political and related sciences	32,000	16,000	D	S	D	16,000	D	S	14,000
Psychology	165,000	105,000	3,000	3,000	D	98,000	D	15,000	46,000
Sociology and anthropology	46,000	36,000	1,000	S	D	33,000	D	D	10,000
Other social sciences	40,000	14,000	4,000	S	1,000	6,000	D	S	26,000
Engineering	256,000	171,000	12,000	34,000	11,000	*	114,000	34,000	50,000
Aerospace, aeronautical, and astronautical engineering	11,000	7,000	D	S	D	D	6,000	S	S
Chemical engineering	30,000	17,000	3,000	S	S	D	9,000	5,000	8,000
Civil and architectural engineering	22,000	17,000	D	1,000	D	D	16,000	1,000	3,000

TABLE 1-2

Employed college graduates, by level of highest degree, minor field of highest degree, and major occupation: 2021

(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		
Electrical and computer engineering	79,000	54,000	*	20,000	1,000	D	32,000	13,000	12,000
Industrial engineering	11,000	5,000	D	4,000	D	D	2,000	S	4,000
Mechanical engineering	29,000	21,000	S	2,000	D	D	18,000	2,000	6,000
Other engineering	75,000	51,000	7,000	6,000	5,000	D	32,000	9,000	16,000
S&E-related fields	304,000	51,000	31,000	8,000	2,000	6,000	4,000	192,000	61,000
Health	275,000	40,000	30,000	3,000	2,000	3,000	D	189,000	46,000
Science and mathematics teacher education	14,000	5,000	D	3,000	D	S	D	1,000	8,000
Technology and technical fields	9,000	5,000	D	S	D	D	3,000	2,000	S
Other S&E-related fields	7,000	2,000	D	D	D	1,000	D	D	4,000
Non-S&E fields	534,000	50,000	4,000	10,000	*	34,000	3,000	25,000	459,000
Management and administration fields	56,000	6,000	D	2,000	D	S	S	D	48,000
Education, except science and math teacher education	171,000	9,000	D	3,000	D	5,000	D	17,000	145,000
Social service and related fields	83,000	13,000	D	D	D	12,000	D	S	68,000
Sales and marketing fields	4,000	D	D	D	D	D	D	D	4,000
Art and humanities fields	160,000	5,000	D	2,000	D	1,000	D	1,000	155,000
Other non-S&E fields	60,000	18,000	3,000	S	D	13,000	D	S	38,000
Professional	3,246,000	82,000	20,000	22,000	1,000	38,000	S	1,538,000	1,626,000
S&E fields	49,000	28,000	D	D	D	28,000	D	S	16,000
S&E-related fields	1,616,000	29,000	20,000	8,000	D	D	D	1,506,000	82,000
Non-S&E fields	1,582,000	25,000	D	13,000	1,000	S	S	28,000	1,528,000

* = 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.

Source(s):
National Center for Science and Engineering Statistics, National Survey of College Graduates, 2021.