

TABLE 1-3
Relationship of highest degree to job among employed college graduates, by level of highest degree, minor field of highest degree, and broad occupation: 2023

(Number)

Level and field of highest degree	All				S&E occupations				S&E-related occupations				Non-S&E occupations			
	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related
All degrees	56,061,000	30,129,000	15,217,000	10,715,000	8,711,000	5,462,000	2,344,000	905,000	11,253,000	8,202,000	1,951,000	1,100,000	36,097,000	16,464,000	10,922,000	8,710,000
S&E fields	17,566,000	8,661,000	5,255,000	3,649,000	6,518,000	4,515,000	1,600,000	403,000	2,955,000	1,761,000	866,000	327,000	8,093,000	2,385,000	2,788,000	2,919,000
Biological, agricultural, and environmental life sciences	2,721,000	1,309,000	789,000	623,000	755,000	532,000	174,000	49,000	760,000	460,000	216,000	84,000	1,206,000	317,000	399,000	491,000
Agricultural and food sciences	370,000	170,000	123,000	77,000	53,000	39,000	12,000	2,000	59,000	35,000	15,000	9,000	259,000	97,000	95,000	67,000
Biological sciences	2,012,000	1,012,000	552,000	448,000	625,000	445,000	140,000	40,000	651,000	402,000	185,000	64,000	736,000	165,000	227,000	344,000
Environmental life sciences	338,000	126,000	114,000	98,000	77,000	48,000	22,000	7,000	50,000	23,000	16,000	11,000	211,000	55,000	76,000	80,000
Computer and mathematical sciences	3,563,000	2,252,000	921,000	390,000	2,110,000	1,576,000	479,000	55,000	524,000	378,000	115,000	31,000	928,000	298,000	327,000	304,000
Computer and information sciences	2,781,000	1,867,000	663,000	251,000	1,811,000	1,394,000	380,000	38,000	407,000	292,000	90,000	25,000	562,000	181,000	194,000	188,000
Mathematics and statistics	782,000	385,000	258,000	140,000	299,000	182,000	99,000	17,000	117,000	86,000	26,000	6,000	366,000	117,000	133,000	116,000
Physical and related sciences	953,000	478,000	280,000	194,000	476,000	320,000	114,000	43,000	166,000	87,000	65,000	14,000	311,000	71,000	102,000	138,000
Chemistry, except biochemistry	370,000	201,000	109,000	59,000	182,000	129,000	43,000	10,000	73,000	40,000	27,000	5,000	115,000	31,000	39,000	44,000
Earth, atmospheric, and ocean sciences	301,000	154,000	68,000	79,000	142,000	106,000	23,000	13,000	42,000	22,000	15,000	5,000	116,000	26,000	30,000	61,000
Physics and astronomy	257,000	111,000	96,000	50,000	147,000	81,000	47,000	19,000	43,000	18,000	22,000	3,000	67,000	12,000	27,000	27,000
Other physical sciences	26,000	12,000	7,000	6,000	5,000	3,000	S	D	8,000	7,000	D	D	13,000	S	6,000	5,000
Social and related sciences	6,059,000	2,088,000	1,964,000	2,007,000	738,000	378,000	200,000	160,000	688,000	346,000	195,000	147,000	4,634,000	1,365,000	1,569,000	1,700,000
Economics	971,000	310,000	423,000	237,000	154,000	53,000	76,000	24,000	48,000	11,000	22,000	15,000	769,000	246,000	325,000	198,000
Political and related sciences	1,032,000	258,000	371,000	403,000	133,000	60,000	38,000	35,000	59,000	17,000	18,000	23,000	841,000	181,000	314,000	345,000
Psychology	2,511,000	1,096,000	718,000	697,000	246,000	158,000	42,000	46,000	424,000	260,000	97,000	67,000	1,841,000	678,000	580,000	583,000
Sociology and anthropology	948,000	226,000	285,000	438,000	116,000	65,000	18,000	33,000	81,000	23,000	30,000	28,000	751,000	137,000	236,000	377,000
Other social sciences	597,000	198,000	167,000	232,000	89,000	41,000	26,000	22,000	76,000	34,000	28,000	14,000	433,000	123,000	113,000	196,000
Engineering	4,270,000	2,534,000	1,301,000	435,000	2,438,000	1,708,000	634,000	96,000	818,000	491,000	276,000	52,000	1,014,000	335,000	391,000	287,000
Aerospace, aeronautical, and astronautical engineering	175,000	100,000	47,000	27,000	123,000	80,000	30,000	S	26,000	10,000	11,000	S	26,000	10,000	6,000	9,000
Chemical engineering	275,000	127,000	96,000	52,000	147,000	84,000	49,000	13,000	51,000	24,000	23,000	3,000	78,000	18,000	24,000	36,000
Civil and architectural engineering	553,000	377,000	126,000	50,000	302,000	247,000	47,000	8,000	91,000	67,000	21,000	4,000	161,000	64,000	58,000	39,000
Electrical and computer engineering	1,458,000	981,000	383,000	95,000	896,000	682,000	196,000	18,000	330,000	219,000	99,000	13,000	232,000	80,000	88,000	64,000
Industrial engineering	275,000	126,000	116,000	33,000	104,000	57,000	40,000	7,000	61,000	32,000	23,000	5,000	110,000	37,000	53,000	20,000
Mechanical engineering	916,000	484,000	337,000	95,000	553,000	350,000	182,000	21,000	139,000	71,000	60,000	7,000	224,000	62,000	95,000	67,000
Other engineering	617,000	339,000	195,000	82,000	314,000	209,000	89,000	16,000	120,000	67,000	39,000	14,000	183,000	63,000	67,000	52,000
S&E-related fields	8,556,000	6,675,000	1,096,000	786,000	534,000	347,000	140,000	47,000	6,204,000	5,573,000	489,000	142,000	1,818,000	755,000	467,000	596,000
Health	6,858,000	5,573,000	764,000	521,000	234,000	148,000	60,000	25,000	5,564,000	5,032,000	420,000	111,000	1,061,000	392,000	284,000	385,000
Science and mathematics teacher education	546,000	373,000	78,000	95,000	33,000	11,000	11,000	10,000	233,000	215,000	11,000	S	280,000	147,000	56,000	77,000
Technology and technical fields	563,000	316,000	151,000	95,000	216,000	152,000	57,000	7,000	126,000	77,000	32,000	18,000	220,000	87,000	62,000	71,000
Other S&E-related fields	589,000	414,000	102,000	74,000	52,000	36,000	10,000	5,000	281,000	249,000	26,000	S	257,000	129,000	65,000	63,000
Non-S&E fields	29,939,000	14,792,000	8,867,000	6,280,000	1,660,000	600,000	605,000	455,000	2,093,000	868,000	595,000	630,000	26,186,000	13,324,000	7,667,000	5,195,000
Management and administration fields	10,153,000	4,729,000	3,802,000	1,622,000	740,000	289,000	336,000	115,000	753,000	302,000	288,000	164,000	8,660,000	4,138,000	3,178,000	1,343,000

TABLE 1-3
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(Number)

Level and field of highest degree	All				S&E occupations				S&E-related occupations				Non-S&E occupations			
	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related
Education, except science and math teacher education	5,245,000	3,587,000	939,000	718,000	77,000	39,000	20,000	17,000	402,000	253,000	78,000	71,000	4,766,000	3,295,000	841,000	630,000
Social service and related fields	1,526,000	900,000	284,000	342,000	81,000	23,000	11,000	47,000	84,000	48,000	15,000	21,000	1,360,000	829,000	258,000	274,000
Sales and marketing fields	1,448,000	559,000	619,000	270,000	81,000	15,000	55,000	12,000	91,000	11,000	28,000	52,000	1,276,000	534,000	536,000	206,000
Art and humanities fields	4,937,000	1,779,000	1,363,000	1,795,000	293,000	73,000	67,000	153,000	379,000	83,000	97,000	198,000	4,266,000	1,623,000	1,200,000	1,444,000
Other non-S&E fields	6,630,000	3,238,000	1,859,000	1,532,000	388,000	162,000	116,000	110,000	383,000	171,000	89,000	124,000	5,858,000	2,906,000	1,655,000	1,298,000
Bachelor's	34,400,000	14,994,000	10,686,000	8,719,000	5,069,000	2,858,000	1,503,000	708,000	5,881,000	3,750,000	1,275,000	856,000	23,449,000	8,386,000	7,908,000	7,155,000
S&E fields	12,216,000	5,039,000	3,999,000	3,178,000	3,881,000	2,492,000	1,068,000	321,000	1,975,000	1,048,000	650,000	277,000	6,360,000	1,500,000	2,281,000	2,580,000
Biological, agricultural, and environmental life sciences	1,912,000	760,000	612,000	539,000	367,000	223,000	105,000	39,000	562,000	312,000	177,000	73,000	982,000	225,000	330,000	427,000
Agricultural and food sciences	300,000	125,000	107,000	69,000	24,000	16,000	7,000	S	45,000	25,000	11,000	9,000	230,000	84,000	88,000	59,000
Biological sciences	1,368,000	563,000	420,000	384,000	300,000	185,000	84,000	32,000	482,000	273,000	156,000	54,000	586,000	106,000	181,000	299,000
Environmental life sciences	244,000	72,000	85,000	86,000	42,000	23,000	14,000	6,000	35,000	15,000	10,000	S	166,000	35,000	62,000	69,000
Computer and mathematical sciences	2,437,000	1,415,000	693,000	329,000	1,357,000	982,000	338,000	38,000	351,000	247,000	81,000	24,000	728,000	187,000	274,000	267,000
Computer and information sciences	1,904,000	1,202,000	489,000	213,000	1,202,000	905,000	271,000	26,000	269,000	191,000	59,000	18,000	432,000	106,000	158,000	169,000
Mathematics and statistics	533,000	213,000	204,000	116,000	155,000	77,000	67,000	12,000	82,000	56,000	22,000	5,000	295,000	81,000	116,000	99,000
Physical and related sciences	543,000	233,000	158,000	152,000	210,000	132,000	49,000	29,000	99,000	55,000	35,000	9,000	234,000	46,000	74,000	114,000
Chemistry, except biochemistry	210,000	104,000	63,000	43,000	87,000	62,000	19,000	S	46,000	27,000	18,000	2,000	76,000	15,000	26,000	35,000
Earth, atmospheric, and ocean sciences	197,000	89,000	41,000	67,000	69,000	49,000	12,000	8,000	29,000	19,000	6,000	5,000	99,000	S	23,000	55,000
Physics and astronomy	123,000	35,000	50,000	38,000	53,000	20,000	18,000	14,000	19,000	5,000	12,000	2,000	51,000	9,000	20,000	22,000
Other physical sciences	15,000	S	5,000	5,000	2,000	D	D	D	S	S	D	D	9,000	D	5,000	3,000
Social and related sciences	4,417,000	1,032,000	1,579,000	1,805,000	367,000	97,000	127,000	142,000	422,000	126,000	164,000	132,000	3,628,000	809,000	1,288,000	1,531,000
Economics	822,000	239,000	360,000	223,000	95,000	15,000	59,000	21,000	44,000	10,000	20,000	13,000	684,000	215,000	281,000	188,000
Political and related sciences	741,000	132,000	265,000	344,000	59,000	14,000	18,000	27,000	45,000	12,000	12,000	20,000	637,000	106,000	235,000	296,000
Psychology	1,629,000	416,000	597,000	617,000	104,000	34,000	29,000	41,000	204,000	64,000	80,000	60,000	1,321,000	318,000	487,000	516,000
Sociology and anthropology	813,000	153,000	242,000	418,000	63,000	22,000	8,000	33,000	72,000	16,000	29,000	26,000	678,000	115,000	205,000	359,000
Other social sciences	411,000	91,000	115,000	204,000	46,000	12,000	14,000	20,000	58,000	23,000	22,000	12,000	307,000	56,000	79,000	172,000
Engineering	2,908,000	1,600,000	956,000	352,000	1,579,000	1,058,000	449,000	73,000	540,000	309,000	193,000	39,000	788,000	233,000	315,000	240,000
Aerospace, aeronautical, and astronautical engineering	115,000	61,000	35,000	19,000	83,000	50,000	21,000	S	16,000	S	9,000	S	16,000	7,000	5,000	4,000
Chemical engineering	210,000	85,000	80,000	45,000	110,000	59,000	41,000	10,000	35,000	13,000	19,000	S	65,000	13,000	20,000	32,000
Civil and architectural engineering	393,000	255,000	94,000	44,000	197,000	156,000	35,000	S	65,000	46,000	15,000	3,000	131,000	52,000	45,000	34,000
Electrical and computer engineering	955,000	611,000	273,000	72,000	575,000	422,000	140,000	14,000	216,000	140,000	67,000	9,000	164,000	49,000	66,000	49,000
Industrial engineering	193,000	77,000	87,000	30,000	62,000	29,000	27,000	6,000	46,000	24,000	17,000	5,000	85,000	24,000	43,000	18,000
Mechanical engineering	700,000	350,000	269,000	81,000	412,000	254,000	141,000	17,000	97,000	47,000	46,000	S	191,000	50,000	81,000	60,000
Other engineering	341,000	160,000	119,000	62,000	139,000	88,000	43,000	8,000	66,000	35,000	20,000	10,000	136,000	37,000	55,000	44,000
S&E-related fields	4,045,000	2,798,000	700,000	547,000	250,000	125,000	91,000	34,000	2,724,000	2,336,000	301,000	86,000	1,071,000	336,000	308,000	427,000
Health	2,986,000	2,161,000	468,000	357,000	69,000	17,000	34,000	18,000	2,346,000	2,028,000	252,000	66,000	570,000	115,000	182,000	273,000

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(Number)

Level and field of highest degree	All				S&E occupations				S&E-related occupations				Non-S&E occupations			
	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related
Science and mathematics teacher education	253,000	162,000	38,000	53,000	9,000	D	S	S	S	S	S	D	139,000	63,000	31,000	45,000
Technology and technical fields	437,000	226,000	129,000	82,000	150,000	95,000	48,000	7,000	93,000	53,000	26,000	14,000	194,000	78,000	55,000	61,000
Other S&E-related fields	369,000	249,000	64,000	55,000	22,000	13,000	5,000	4,000	179,000	157,000	S	S	169,000	80,000	40,000	48,000
Non-S&E fields	18,138,000	7,157,000	5,988,000	4,994,000	939,000	241,000	344,000	353,000	1,182,000	365,000	324,000	493,000	16,018,000	6,551,000	5,319,000	4,149,000
Management and administration fields	6,607,000	2,826,000	2,502,000	1,279,000	349,000	103,000	169,000	76,000	391,000	149,000	124,000	118,000	5,868,000	2,574,000	2,208,000	1,085,000
Education, except science and math teacher education	2,013,000	1,225,000	368,000	420,000	24,000	S	10,000	11,000	107,000	34,000	24,000	49,000	1,881,000	1,188,000	333,000	360,000
Social service and related fields	544,000	178,000	129,000	236,000	45,000	D	S	37,000	20,000	10,000	2,000	8,000	478,000	167,000	121,000	191,000
Sales and marketing fields	1,185,000	427,000	522,000	235,000	61,000	S	44,000	9,000	83,000	S	S	52,000	1,040,000	413,000	454,000	174,000
Art and humanities fields	4,018,000	1,269,000	1,130,000	1,618,000	247,000	58,000	51,000	138,000	320,000	53,000	92,000	175,000	3,451,000	1,158,000	987,000	1,305,000
Other non-S&E fields	3,772,000	1,231,000	1,337,000	1,205,000	212,000	68,000	64,000	80,000	260,000	112,000	57,000	91,000	3,300,000	1,051,000	1,216,000	1,034,000
Master's	15,780,000	10,207,000	3,880,000	1,693,000	2,599,000	1,757,000	676,000	166,000	3,096,000	2,318,000	584,000	194,000	10,085,000	6,132,000	2,619,000	1,334,000
S&E fields	3,939,000	2,511,000	1,012,000	417,000	1,775,000	1,307,000	400,000	68,000	701,000	486,000	172,000	43,000	1,463,000	718,000	439,000	305,000
Biological, agricultural, and environmental life sciences	417,000	237,000	108,000	73,000	153,000	105,000	40,000	8,000	113,000	79,000	25,000	S	152,000	52,000	43,000	56,000
Agricultural and food sciences	45,000	26,000	13,000	5,000	16,000	12,000	4,000	D	6,000	3,000	S	D	22,000	12,000	6,000	5,000
Biological sciences	288,000	163,000	69,000	56,000	109,000	73,000	29,000	7,000	92,000	69,000	15,000	S	87,000	22,000	24,000	41,000
Environmental life sciences	84,000	47,000	26,000	11,000	28,000	20,000	7,000	1,000	14,000	8,000	6,000	D	43,000	19,000	13,000	10,000
Computer and mathematical sciences	985,000	725,000	202,000	59,000	642,000	505,000	121,000	15,000	161,000	122,000	32,000	8,000	182,000	98,000	49,000	36,000
Computer and information sciences	794,000	596,000	161,000	37,000	546,000	435,000	99,000	12,000	130,000	94,000	29,000	7,000	119,000	67,000	33,000	19,000
Mathematics and statistics	191,000	129,000	41,000	21,000	96,000	71,000	22,000	3,000	32,000	28,000	3,000	D	63,000	30,000	16,000	17,000
Physical and related sciences	196,000	102,000	66,000	28,000	115,000	76,000	31,000	9,000	39,000	17,000	19,000	S	41,000	9,000	16,000	16,000
Chemistry, except biochemistry	65,000	33,000	24,000	8,000	34,000	21,000	12,000	D	13,000	7,000	S	D	18,000	5,000	8,000	5,000
Earth, atmospheric, and ocean sciences	69,000	36,000	21,000	12,000	44,000	32,000	7,000	5,000	11,000	2,000	9,000	D	13,000	2,000	5,000	6,000
Physics and astronomy	55,000	29,000	20,000	6,000	36,000	22,000	11,000	S	13,000	S	6,000	D	6,000	D	2,000	4,000
Other physical sciences	7,000	4,000	S	D	1,000	1,000	D	D	S	S	D	D	4,000	D	S	D
Social and related sciences	1,272,000	743,000	345,000	184,000	206,000	134,000	56,000	16,000	166,000	128,000	24,000	14,000	901,000	481,000	265,000	155,000
Economics	115,000	43,000	57,000	14,000	37,000	19,000	15,000	3,000	4,000	S	1,000	D	74,000	23,000	41,000	10,000
Political and related sciences	262,000	106,000	100,000	56,000	54,000	30,000	17,000	7,000	12,000	S	6,000	S	196,000	72,000	77,000	48,000
Psychology	656,000	480,000	106,000	70,000	65,000	53,000	8,000	3,000	126,000	107,000	12,000	7,000	465,000	320,000	86,000	60,000
Sociology and anthropology	96,000	39,000	38,000	20,000	24,000	17,000	7,000	D	9,000	6,000	D	S	63,000	15,000	30,000	18,000
Other social sciences	143,000	74,000	45,000	24,000	25,000	14,000	10,000	S	15,000	9,000	4,000	2,000	102,000	51,000	31,000	20,000
Engineering	1,068,000	705,000	291,000	73,000	659,000	487,000	152,000	20,000	223,000	140,000	73,000	10,000	187,000	78,000	66,000	42,000
Aerospace, aeronautical, and astronautical engineering	48,000	30,000	11,000	6,000	31,000	21,000	9,000	1,000	9,000	6,000	S	D	8,000	3,000	S	S
Chemical engineering	34,000	19,000	9,000	6,000	20,000	12,000	5,000	S	7,000	5,000	S	D	7,000	S	2,000	3,000
Civil and architectural engineering	134,000	100,000	28,000	6,000	83,000	72,000	10,000	S	24,000	19,000	5,000	D	27,000	9,000	13,000	4,000
Electrical and computer engineering	412,000	296,000	93,000	22,000	260,000	210,000	46,000	5,000	96,000	63,000	29,000	S	56,000	22,000	19,000	14,000

TABLE 1-3
Relationship of highest degree to job among employed college graduates, by level of highest degree, minor field of highest degree, and broad occupation: 2023

(Number)

Level and field of highest degree	All				S&E occupations				S&E-related occupations				Non-S&E occupations			
	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related
Industrial engineering	68,000	39,000	27,000	2,000	34,000	22,000	11,000	1,000	12,000	5,000	6,000	D	23,000	12,000	9,000	2,000
Mechanical engineering	174,000	100,000	61,000	13,000	110,000	70,000	36,000	4,000	36,000	20,000	13,000	2,000	28,000	9,000	12,000	7,000
Other engineering	200,000	122,000	61,000	17,000	122,000	79,000	35,000	7,000	39,000	21,000	16,000	S	39,000	21,000	10,000	7,000
S&E-related fields	2,375,000	1,881,000	320,000	173,000	208,000	157,000	40,000	11,000	1,565,000	1,381,000	150,000	34,000	601,000	343,000	130,000	128,000
Health	1,766,000	1,441,000	224,000	101,000	103,000	78,000	19,000	5,000	1,305,000	1,151,000	131,000	23,000	358,000	211,000	74,000	73,000
Science and mathematics teacher education	279,000	198,000	40,000	42,000	20,000	7,000	8,000	S	127,000	116,000	7,000	S	132,000	75,000	25,000	32,000
Technology and technical fields	117,000	82,000	21,000	13,000	61,000	52,000	9,000	D	31,000	22,000	5,000	D	25,000	9,000	7,000	10,000
Other S&E-related fields	213,000	160,000	35,000	17,000	25,000	20,000	4,000	1,000	102,000	92,000	7,000	D	86,000	48,000	25,000	13,000
Non-S&E fields	9,466,000	5,815,000	2,548,000	1,104,000	616,000	293,000	236,000	87,000	830,000	450,000	262,000	117,000	8,021,000	5,071,000	2,050,000	900,000
Management and administration fields	3,479,000	1,844,000	1,295,000	340,000	387,000	183,000	166,000	39,000	357,000	149,000	162,000	46,000	2,735,000	1,512,000	967,000	256,000
Education, except science and math teacher education	2,965,000	2,189,000	499,000	277,000	39,000	24,000	9,000	6,000	271,000	201,000	51,000	19,000	2,654,000	1,963,000	439,000	251,000
Social service and related fields	889,000	652,000	142,000	96,000	23,000	12,000	4,000	7,000	62,000	36,000	13,000	13,000	805,000	604,000	125,000	76,000
Sales and marketing fields	257,000	128,000	95,000	34,000	20,000	7,000	S	S	8,000	4,000	3,000	D	229,000	116,000	81,000	32,000
Art and humanities fields	735,000	371,000	205,000	159,000	38,000	9,000	15,000	14,000	49,000	21,000	5,000	23,000	648,000	341,000	186,000	121,000
Other non-S&E fields	1,141,000	632,000	312,000	197,000	108,000	59,000	32,000	18,000	83,000	39,000	28,000	15,000	950,000	534,000	252,000	164,000
Doctorate	2,420,000	1,892,000	403,000	126,000	973,000	811,000	143,000	20,000	562,000	477,000	66,000	19,000	885,000	604,000	194,000	87,000
S&E fields	1,349,000	1,056,000	242,000	51,000	849,000	705,000	131,000	14,000	250,000	199,000	44,000	7,000	249,000	152,000	68,000	30,000
Biological, agricultural, and environmental life sciences	392,000	312,000	69,000	11,000	235,000	204,000	29,000	2,000	85,000	68,000	15,000	2,000	72,000	40,000	25,000	7,000
Agricultural and food sciences	26,000	20,000	3,000	S	12,000	12,000	S	D	S	S	D	D	6,000	1,000	S	S
Biological sciences	356,000	286,000	63,000	7,000	215,000	187,000	26,000	2,000	77,000	61,000	15,000	2,000	64,000	38,000	22,000	4,000
Environmental life sciences	10,000	7,000	3,000	D	7,000	5,000	S	D	S	D	D	D	S	S	D	D
Computer and mathematical sciences	141,000	112,000	26,000	3,000	111,000	89,000	20,000	2,000	12,000	9,000	3,000	D	18,000	13,000	4,000	S
Computer and information sciences	83,000	69,000	13,000	*	64,000	54,000	9,000	D	9,000	7,000	S	D	11,000	8,000	2,000	D
Mathematics and statistics	58,000	42,000	13,000	3,000	47,000	35,000	10,000	2,000	3,000	2,000	S	D	8,000	5,000	2,000	D
Physical and related sciences	214,000	144,000	56,000	13,000	151,000	112,000	34,000	5,000	27,000	16,000	11,000	S	35,000	16,000	12,000	7,000
Chemistry, except biochemistry	95,000	64,000	23,000	8,000	61,000	47,000	12,000	2,000	13,000	6,000	6,000	D	22,000	11,000	5,000	5,000
Earth, atmospheric, and ocean sciences	35,000	29,000	6,000	D	29,000	25,000	4,000	D	2,000	S	S	D	4,000	3,000	S	D
Physics and astronomy	79,000	48,000	26,000	5,000	59,000	39,000	17,000	3,000	11,000	6,000	4,000	*	9,000	2,000	5,000	2,000
Other physical sciences	4,000	4,000	D	D	2,000	2,000	D	D	D	D	D	D	D	D	D	D
Social and related sciences	309,000	258,000	37,000	13,000	153,000	135,000	15,000	2,000	72,000	64,000	6,000	D	85,000	59,000	16,000	10,000
Economics	34,000	28,000	6,000	D	23,000	20,000	3,000	D	*	D	D	D	10,000	8,000	3,000	D
Political and related sciences	29,000	20,000	6,000	3,000	19,000	15,000	3,000	D	2,000	D	D	D	7,000	4,000	2,000	D
Psychology	164,000	145,000	14,000	5,000	64,000	60,000	3,000	D	66,000	61,000	S	D	34,000	24,000	6,000	4,000
Sociology and anthropology	39,000	34,000	5,000	S	29,000	26,000	S	D	1,000	*	D	D	10,000	7,000	1,000	D
Other social sciences	43,000	32,000	7,000	4,000	17,000	15,000	S	D	S	D	D	D	23,000	16,000	S	S

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(Number)

Level and field of highest degree	All				S&E occupations				S&E-related occupations				Non-S&E occupations			
	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related	Total	Closely related	Somewhat related	Not related
Engineering	293,000	229,000	54,000	10,000	200,000	163,000	34,000	3,000	55,000	42,000	10,000	3,000	39,000	23,000	10,000	5,000
Aerospace, aeronautical, and astronautical engineering	12,000	10,000	S	D	9,000	8,000	D	D	2,000	S	D	D	1,000	D	D	D
Chemical engineering	31,000	22,000	8,000	2,000	17,000	13,000	3,000	D	9,000	6,000	S	D	6,000	S	3,000	S
Civil and architectural engineering	27,000	22,000	4,000	D	22,000	19,000	3,000	D	2,000	1,000	*	D	3,000	2,000	S	D
Electrical and computer engineering	91,000	73,000	17,000	S	60,000	49,000	10,000	D	19,000	15,000	3,000	D	13,000	8,000	3,000	D
Industrial engineering	14,000	11,000	2,000	D	8,000	S	2,000	D	S	S	D	D	2,000	S	D	D
Mechanical engineering	43,000	34,000	7,000	2,000	32,000	26,000	5,000	D	6,000	4,000	S	D	6,000	3,000	2,000	D
Other engineering	76,000	57,000	15,000	4,000	53,000	42,000	10,000	S	15,000	10,000	3,000	S	8,000	5,000	2,000	S
S&E-related fields	372,000	325,000	34,000	12,000	54,000	46,000	6,000	D	264,000	243,000	17,000	S	54,000	36,000	11,000	7,000
Health	342,000	301,000	31,000	10,000	40,000	34,000	5,000	D	261,000	241,000	16,000	S	41,000	25,000	10,000	6,000
Science and mathematics teacher education	14,000	13,000	*	D	4,000	4,000	D	D	*	*	D	D	9,000	9,000	D	D
Technology and technical fields	9,000	8,000	1,000	D	5,000	5,000	*	D	S	S	D	D	S	S	D	D
Other S&E-related fields	7,000	4,000	D	D	4,000	3,000	D	D	D	D	D	D	2,000	S	D	D
Non-S&E fields	700,000	511,000	126,000	63,000	70,000	60,000	6,000	S	48,000	34,000	4,000	S	582,000	417,000	116,000	50,000
Management and administration fields	67,000	59,000	5,000	3,000	4,000	4,000	D	D	S	S	D	D	57,000	52,000	S	3,000
Education, except science and math teacher education	267,000	174,000	72,000	21,000	13,000	12,000	S	D	23,000	18,000	3,000	D	231,000	144,000	68,000	19,000
Social service and related fields	93,000	70,000	13,000	10,000	13,000	10,000	D	D	S	D	D	D	78,000	58,000	13,000	S
Sales and marketing fields	7,000	S	D	D	D	D	D	D	D	D	D	D	7,000	S	D	D
Art and humanities fields	184,000	138,000	28,000	18,000	8,000	6,000	D	D	S	S	D	D	167,000	123,000	26,000	17,000
Other non-S&E fields	82,000	65,000	6,000	S	32,000	29,000	2,000	D	S	S	D	D	43,000	35,000	4,000	4,000
Professional	3,461,000	3,036,000	248,000	177,000	70,000	36,000	22,000	12,000	1,714,000	1,658,000	25,000	30,000	1,677,000	1,342,000	200,000	134,000
S&E fields	62,000	56,000	2,000	S	13,000	12,000	D	D	28,000	28,000	D	D	20,000	16,000	D	S
S&E-related fields	1,765,000	1,671,000	41,000	53,000	22,000	18,000	2,000	D	1,652,000	1,612,000	22,000	19,000	91,000	41,000	17,000	34,000
Non-S&E fields	1,634,000	1,310,000	205,000	119,000	35,000	6,000	18,000	11,000	33,000	S	3,000	11,000	1,566,000	1,286,000	183,000	97,000

* = 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, 2023.