

TABLE 2-4

Employed college graduates, by minor occupation and major field of highest degree: 2017

(Number)

Occupation	Total	S&E fields						S&E-related fields	Non-S&E fields
		Total	Biological, agricultural, and environmental life sciences	Computer and mathematical sciences	Physical and related sciences	Social and related sciences	Engineering		
All college graduates	48,223,000	14,501,000	2,290,000	2,567,000	814,000	5,336,000	3,494,000	6,870,000	26,852,000
S&E occupations	6,769,000	5,085,000	633,000	1,437,000	366,000	679,000	1,970,000	382,000	1,301,000
Biological, agricultural, and other life scientists	610,000	506,000	416,000	4,000	38,000	18,000	30,000	71,000	33,000
Agricultural and food scientists	41,000	38,000	34,000	D	2,000	*	1,000	S	3,000
Biological and medical scientists	455,000	370,000	298,000	3,000	33,000	11,000	26,000	63,000	22,000
Environmental life scientists	27,000	22,000	17,000	D	D	S	*	D	5,000
Postsecondary teachers - life and related sciences	87,000	76,000	67,000	D	3,000	S	4,000	8,000	3,000
Computer and mathematical scientists	3,419,000	2,365,000	95,000	1,373,000	62,000	234,000	601,000	180,000	874,000
Computer and information scientists	3,096,000	2,165,000	75,000	1,255,000	55,000	202,000	578,000	157,000	774,000
Mathematical scientists	209,000	112,000	17,000	47,000	4,000	30,000	14,000	10,000	87,000
Postsecondary teachers - computer and math sciences	114,000	88,000	3,000	71,000	3,000	3,000	9,000	14,000	13,000
Physical and related scientists	366,000	330,000	81,000	2,000	217,000	8,000	22,000	12,000	24,000
Chemists, except biochemists	109,000	102,000	26,000	*	71,000	D	4,000	3,000	4,000
Earth scientists, geologists and oceanographers	69,000	67,000	4,000	S	57,000	1,000	3,000	D	2,000
Physicists and astronomers	42,000	41,000	D	D	33,000	D	6,000	1,000	D
Other physical and related scientists	65,000	42,000	23,000	D	8,000	3,000	8,000	6,000	17,000
Postsecondary teachers - physical and related sciences	81,000	79,000	27,000	D	48,000	S	2,000	S	S
Social and related scientists	646,000	416,000	11,000	8,000	2,000	391,000	4,000	27,000	203,000
Economists	47,000	42,000	S	1,000	D	39,000	D	1,000	5,000
Political scientists	33,000	15,000	D	D	D	14,000	D	D	17,000
Psychologists	199,000	170,000	3,000	D	D	166,000	D	8,000	21,000
Sociologists and anthropologists	24,000	21,000	D	D	D	21,000	D	D	2,000

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		Total	Biological, agricultural, and environmental life sciences	Computer and mathematical sciences	Physical and related sciences	Social and related sciences	Engineering		
Other social and related scientists	159,000	42,000	3,000	5,000	S	29,000	3,000	16,000	101,000
Postsecondary teachers - social and related sciences	183,000	125,000	D	1,000	D	123,000	D	2,000	56,000
Engineers	1,728,000	1,468,000	30,000	51,000	47,000	28,000	1,312,000	92,000	168,000
Aerospace, aeronautical, and astronautical engineers	132,000	108,000	D	5,000	6,000	D	94,000	5,000	18,000
Chemical engineers	93,000	86,000	1,000	D	5,000	D	80,000	S	5,000
Civil, architectural, and sanitary engineers	264,000	238,000	5,000	3,000	S	1,000	227,000	9,000	17,000
Electrical and computer hardware engineers	374,000	330,000	D	21,000	7,000	S	297,000	19,000	26,000
Industrial engineers	88,000	60,000	S	1,000	3,000	D	51,000	10,000	18,000
Mechanical engineers	313,000	274,000	D	4,000	2,000	1,000	265,000	15,000	24,000
Other engineers	406,000	322,000	20,000	15,000	21,000	14,000	252,000	31,000	53,000
Postsecondary teachers - engineering	59,000	50,000	S	D	2,000	D	46,000	S	6,000
S&E-related occupations	8,271,000	1,997,000	635,000	307,000	159,000	366,000	531,000	4,796,000	1,479,000
Health-related occupations	5,181,000	643,000	377,000	18,000	38,000	192,000	17,000	4,017,000	522,000
S&E managers	1,048,000	523,000	65,000	104,000	39,000	51,000	264,000	315,000	210,000
S&E precollege teachers	961,000	247,000	76,000	56,000	34,000	68,000	13,000	187,000	527,000
S&E technicians and technologists	837,000	539,000	113,000	111,000	47,000	42,000	226,000	99,000	200,000
Other S&E-related occupations	244,000	45,000	D	18,000	D	12,000	11,000	178,000	20,000
Non-S&E occupations	33,183,000	7,418,000	1,022,000	823,000	289,000	4,291,000	993,000	1,693,000	24,072,000
Non-S&E managers	4,510,000	1,221,000	167,000	164,000	69,000	525,000	297,000	271,000	3,018,000
Management-related occupations	6,428,000	1,456,000	180,000	221,000	42,000	800,000	213,000	288,000	4,684,000
Non-S&E precollege teachers	4,093,000	418,000	33,000	41,000	19,000	316,000	9,000	152,000	3,522,000

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Non-S&E postsecondary teachers	634,000	82,000	4,000	8,000	S	61,000	5,000	61,000	491,000
Social services and related occupations	1,908,000	524,000	23,000	10,000	S	483,000	6,000	137,000	1,247,000
Sales and marketing occupations	4,353,000	1,025,000	155,000	105,000	38,000	603,000	124,000	209,000	3,119,000
Art, humanities, and related occupations	1,439,000	252,000	22,000	16,000	11,000	179,000	23,000	30,000	1,158,000
Other non-S&E occupations	9,818,000	2,441,000	438,000	258,000	104,000	1,325,000	316,000	544,000	6,833,000

* = 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, 2017.