

TABLE 2-4

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

(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 occupations	56,061,000	17,561,000	2,732,000	3,557,000	954,000	6,043,000	4,274,000	8,562,000	29,938,000
S&E occupations	8,711,000	6,520,000	760,000	2,105,000	477,000	738,000	2,440,000	532,000	1,660,000
Biological, agricultural, and other life scientists	813,000	637,000	520,000	9,000	56,000	18,000	33,000	110,000	66,000
Agricultural and food scientists	74,000	64,000	52,000	D	5,000	D	S	S	8,000
Biological and medical scientists	552,000	432,000	353,000	6,000	37,000	10,000	27,000	86,000	34,000
Environmental life scientists	60,000	47,000	32,000	D	D	S	S	D	12,000
Postsecondary teachers - life and related sciences	127,000	94,000	84,000	D	5,000	4,000	S	21,000	12,000
Computer and mathematical scientists	4,573,000	3,142,000	96,000	1,984,000	90,000	323,000	649,000	251,000	1,180,000
Computer and information scientists	4,154,000	2,841,000	72,000	1,803,000	75,000	274,000	618,000	223,000	1,090,000
Mathematical scientists	318,000	211,000	21,000	102,000	14,000	49,000	25,000	24,000	83,000
Postsecondary teachers - computer and math sciences	101,000	89,000	S	80,000	S	D	5,000	4,000	7,000
Physical and related scientists	430,000	400,000	91,000	6,000	266,000	11,000	27,000	13,000	17,000
Chemists, except biochemists	129,000	124,000	34,000	D	82,000	S	7,000	2,000	3,000
Earth, atmospheric, and ocean scientists	143,000	128,000	30,000	4,000	79,000	5,000	9,000	5,000	10,000
Physicists	45,000	42,000	D	D	36,000	D	4,000	3,000	S
Other physical and related scientists, including astronomers	45,000	41,000	17,000	S	13,000	5,000	5,000	2,000	1,000
Postsecondary teachers - physical and related sciences	69,000	66,000	8,000	D	55,000	S	2,000	S	1,000
Social and related scientists	631,000	394,000	16,000	11,000	2,000	362,000	3,000	52,000	185,000
Economists	47,000	34,000	1,000	1,000	D	32,000	D	S	11,000
Political scientists	38,000	28,000	D	D	D	26,000	D	D	S
Psychologists	132,000	113,000	6,000	1,000	D	104,000	D	S	14,000
Anthropologists	14,000	12,000	D	D	D	12,000	D	D	2,000
Sociologists <sup>a</sup>	20,000	16,000	D	D	D	14,000	D	D	3,000
Other social and related scientists	178,000	64,000	4,000	S	D	51,000	S	40,000	74,000
Postsecondary teachers - social and related sciences	202,000	127,000	2,000	D	D	124,000	D	4,000	71,000
Engineers	2,263,000	1,946,000	38,000	95,000	62,000	23,000	1,728,000	105,000	212,000
Aerospace, aeronautical, and astronautical engineers	181,000	160,000	D	4,000	10,000	D	145,000	8,000	13,000
Chemical engineers	80,000	76,000	1,000	D	2,000	D	72,000	S	2,000
Civil, architectural, and sanitary engineers	324,000	291,000	S	S	2,000	1,000	284,000	10,000	22,000
Electrical and computer hardware engineers	501,000	446,000	S	45,000	11,000	2,000	388,000	20,000	35,000
Industrial engineers	107,000	78,000	4,000	5,000	4,000	D	64,000	11,000	18,000
Mechanical engineers	424,000	385,000	D	S	S	D	378,000	20,000	19,000
Other engineers	581,000	453,000	30,000	35,000	29,000	15,000	344,000	31,000	97,000
Postsecondary teachers - engineering	66,000	57,000	D	D	3,000	D	52,000	2,000	6,000
S&E-related occupations	11,253,000	2,954,000	759,000	524,000	166,000	686,000	818,000	6,213,000	2,086,000

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(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		
Health-related occupations	7,102,000	997,000	436,000	27,000	40,000	466,000	28,000	5,213,000	893,000
S&E managers	1,485,000	666,000	91,000	154,000	37,000	97,000	287,000	422,000	397,000
S&E precollege teachers	793,000	179,000	51,000	56,000	17,000	44,000	12,000	223,000	390,000
S&E technicians and technologists	1,581,000	1,066,000	177,000	265,000	70,000	75,000	479,000	152,000	363,000
Other S&E-related occupations	291,000	46,000	S	24,000	S	4,000	12,000	203,000	43,000
Non-S&E occupations	36,097,000	8,087,000	1,213,000	927,000	311,000	4,619,000	1,017,000	1,817,000	26,193,000
Non-S&E managers	6,016,000	1,614,000	236,000	223,000	73,000	678,000	402,000	378,000	4,024,000
Management-related occupations	6,165,000	1,409,000	147,000	199,000	34,000	821,000	208,000	262,000	4,495,000
Non-S&E precollege teachers	4,083,000	398,000	49,000	40,000	22,000	265,000	20,000	190,000	3,496,000
Non-S&E postsecondary teachers	601,000	70,000	3,000	15,000	2,000	46,000	4,000	40,000	491,000
Social services and related occupations	2,462,000	636,000	22,000	15,000	7,000	583,000	9,000	129,000	1,697,000
Sales and marketing occupations	4,560,000	1,038,000	170,000	102,000	39,000	619,000	107,000	246,000	3,277,000
Art, humanities, and related occupations	1,671,000	235,000	39,000	22,000	12,000	150,000	13,000	55,000	1,381,000
Other non-S&E occupations	10,539,000	2,688,000	545,000	312,000	121,000	1,458,000	252,000	518,000	7,333,000

D = suppressed to avoid disclosure of confidential information. S = suppressed for reliability; coefficient of variation exceeds publication standards.

S&amp;E = science and engineering.

<sup>a</sup> Sociologists and anthropologists are in the same minor occupation, but they are presented here disaggregated because sociologists were combined in two different minor occupations in the past due to disclosure avoidance protections.**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.