

TABLE 3-2

**Employed college graduates, by employment sector, minor occupation, and job satisfaction: 2023**

(Number)

Sector and occupation	Total	Job satisfaction			
		Very satisfied	Somewhat satisfied	Somewhat dissatisfied	Very dissatisfied
All sectors	56,061,000	24,708,000	25,691,000	4,374,000	1,287,000
S&E occupations	8,711,000	3,894,000	4,025,000	644,000	149,000
Biological, agricultural, and other life scientists	813,000	363,000	382,000	53,000	15,000
Agricultural and food scientists	74,000	25,000	44,000	5,000	D
Biological and medical scientists	552,000	251,000	254,000	34,000	13,000
Environmental life scientists	60,000	24,000	28,000	7,000	S
Postsecondary teachers - life and related sciences	127,000	62,000	56,000	7,000	S
Computer and mathematical scientists	4,573,000	2,004,000	2,141,000	363,000	65,000
Computer and information scientists	4,154,000	1,817,000	1,949,000	327,000	62,000
Mathematical scientists	318,000	143,000	147,000	26,000	2,000
Postsecondary teachers - computer and math sciences	101,000	44,000	45,000	11,000	S
Physical and related scientists	430,000	190,000	205,000	27,000	9,000
Chemists, except biochemists	129,000	56,000	60,000	10,000	3,000
Earth, atmospheric, and ocean scientists	143,000	68,000	66,000	8,000	1,000
Physicists	45,000	24,000	19,000	1,000	D
Other physical and related scientists, including astronomers	45,000	18,000	21,000	3,000	D
Postsecondary teachers - physical and related sciences	69,000	24,000	39,000	4,000	D
Social and related scientists	631,000	285,000	266,000	57,000	24,000
Economists	47,000	26,000	16,000	4,000	S
Political scientists	38,000	19,000	11,000	S	D
Psychologists	132,000	68,000	51,000	7,000	S
Anthropologists	14,000	4,000	7,000	2,000	D
Sociologists <sup>a</sup>	20,000	12,000	6,000	S	D
Other social and related scientists	178,000	71,000	81,000	20,000	S
Postsecondary teachers - social and related sciences	202,000	85,000	94,000	18,000	S
Engineers	2,263,000	1,052,000	1,031,000	144,000	37,000
Aerospace, aeronautical, and astronautical engineers	181,000	102,000	72,000	6,000	D
Chemical engineers	80,000	38,000	34,000	4,000	S
Civil, architectural, and sanitary engineers	324,000	157,000	145,000	19,000	S
Electrical and computer hardware engineers	501,000	247,000	216,000	27,000	11,000
Industrial engineers	107,000	43,000	48,000	S	S
Mechanical engineers	424,000	171,000	218,000	31,000	5,000
Other engineers	581,000	266,000	266,000	40,000	8,000
Postsecondary teachers - engineering	66,000	29,000	33,000	4,000	D
S&E-related occupations	11,253,000	4,965,000	5,229,000	847,000	212,000
Health-related occupations	7,102,000	3,133,000	3,325,000	517,000	128,000
S&E managers	1,485,000	742,000	634,000	86,000	24,000
S&E precollege teachers	793,000	303,000	412,000	54,000	24,000
S&E technicians and technologists	1,581,000	618,000	752,000	175,000	35,000
Other S&E-related occupations	291,000	170,000	106,000	14,000	1,000
Non-S&E occupations	36,097,000	15,850,000	16,437,000	2,883,000	926,000
Non-S&E managers	6,016,000	3,287,000	2,382,000	286,000	60,000
Management-related occupations	6,165,000	2,871,000	2,743,000	453,000	99,000
Non-S&E precollege teachers	4,083,000	1,385,000	2,222,000	332,000	144,000
Non-S&E postsecondary teachers	601,000	266,000	281,000	44,000	9,000

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(Number)

Sector and occupation	Total	Job satisfaction			
		Very satisfied	Somewhat satisfied	Somewhat dissatisfied	Very dissatisfied
Social services and related occupations	2,462,000	1,240,000	1,012,000	163,000	48,000
Sales and marketing occupations	4,560,000	1,869,000	2,103,000	425,000	163,000
Art, humanities, and related occupations	1,671,000	736,000	722,000	172,000	41,000
Other non-S&E occupations	10,539,000	4,197,000	4,971,000	1,009,000	362,000
Business or industry	39,308,000	17,864,000	17,521,000	3,035,000	887,000
S&E occupations	6,517,000	2,899,000	3,012,000	492,000	114,000
Biological, agricultural, and other life scientists	357,000	159,000	170,000	24,000	4,000
Agricultural and food scientists	49,000	15,000	31,000	S	D
Biological and medical scientists	282,000	136,000	125,000	17,000	4,000
Environmental life scientists	26,000	9,000	S	D	D
Postsecondary teachers - life and related sciences	D	D	D	D	D
Computer and mathematical scientists	3,894,000	1,694,000	1,833,000	309,000	58,000
Computer and information scientists	3,639,000	1,582,000	1,713,000	287,000	56,000
Mathematical scientists	255,000	112,000	119,000	22,000	2,000
Postsecondary teachers - computer and math sciences	D	D	D	D	D
Physical and related scientists	189,000	83,000	90,000	13,000	3,000
Chemists, except biochemists	90,000	38,000	44,000	7,000	S
Earth, atmospheric, and ocean scientists	66,000	28,000	32,000	5,000	S
Physicists	13,000	8,000	5,000	1,000	D
Other physical and related scientists, including astronomers	20,000	9,000	10,000	1,000	D
Postsecondary teachers - physical and related sciences	D	D	D	D	D
Social and related scientists	221,000	102,000	83,000	22,000	15,000
Economists	22,000	14,000	7,000	1,000	D
Political scientists	14,000	S	3,000	S	D
Psychologists	70,000	41,000	22,000	4,000	3,000
Anthropologists	9,000	3,000	4,000	1,000	D
Sociologists <sup>a</sup>	9,000	S	S	D	D
Other social and related scientists	99,000	34,000	45,000	14,000	S
Postsecondary teachers - social and related sciences	D	D	D	D	D
Engineers	1,856,000	861,000	836,000	125,000	33,000
Aerospace, aeronautical, and astronautical engineers	132,000	67,000	57,000	5,000	D
Chemical engineers	70,000	36,000	26,000	3,000	S
Civil, architectural, and sanitary engineers	230,000	108,000	105,000	14,000	S
Electrical and computer hardware engineers	444,000	225,000	184,000	25,000	10,000
Industrial engineers	102,000	42,000	45,000	S	S
Mechanical engineers	388,000	158,000	196,000	29,000	4,000
Other engineers	489,000	225,000	223,000	35,000	7,000
Postsecondary teachers - engineering	D	D	D	D	D
S&E-related occupations	8,231,000	3,677,000	3,810,000	589,000	155,000
Health-related occupations	5,471,000	2,437,000	2,537,000	395,000	100,000
S&E managers	1,196,000	583,000	528,000	65,000	20,000
S&E precollege teachers	D	D	D	D	D
S&E technicians and technologists	1,293,000	499,000	648,000	114,000	33,000
Other S&E-related occupations	271,000	158,000	97,000	14,000	1,000
Non-S&E occupations	24,560,000	11,288,000	10,699,000	1,955,000	618,000

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(Number)

Sector and occupation	Total	Job satisfaction			
		Very satisfied	Somewhat satisfied	Somewhat dissatisfied	Very dissatisfied
Non-S&E managers	4,647,000	2,643,000	1,757,000	200,000	46,000
Management-related occupations	5,116,000	2,384,000	2,259,000	393,000	80,000
Non-S&E precollege teachers	D	D	D	D	D
Non-S&E postsecondary teachers	D	D	D	D	D
Social services and related occupations	1,430,000	807,000	506,000	96,000	21,000
Sales and marketing occupations	4,405,000	1,809,000	2,066,000	367,000	163,000
Art, humanities, and related occupations	1,495,000	650,000	648,000	156,000	41,000
Other non-S&E occupations	7,468,000	2,996,000	3,463,000	741,000	268,000
Education	10,688,000	4,186,000	5,359,000	860,000	283,000
S&E occupations	1,234,000	533,000	579,000	102,000	20,000
Biological, agricultural, and other life scientists	326,000	146,000	149,000	23,000	S
Agricultural and food scientists	13,000	4,000	9,000	D	D
Biological and medical scientists	181,000	79,000	82,000	13,000	S
Environmental life scientists	5,000	D	S	D	D
Postsecondary teachers - life and related sciences	127,000	62,000	56,000	7,000	S
Computer and mathematical scientists	329,000	150,000	143,000	34,000	2,000
Computer and information scientists	203,000	94,000	88,000	21,000	D
Mathematical scientists	25,000	12,000	11,000	S	D
Postsecondary teachers - computer and math sciences	101,000	44,000	45,000	11,000	S
Physical and related scientists	139,000	54,000	73,000	10,000	2,000
Chemists, except biochemists	19,000	5,000	13,000	S	D
Earth, atmospheric, and ocean scientists	24,000	12,000	10,000	S	D
Physicists	18,000	11,000	6,000	*	D
Other physical and related scientists, including astronomers	9,000	2,000	5,000	D	D
Postsecondary teachers - physical and related sciences	69,000	24,000	39,000	4,000	D
Social and related scientists	311,000	133,000	142,000	27,000	8,000
Economists	11,000	6,000	4,000	1,000	D
Political scientists	3,000	S	1,000	D	D
Psychologists	52,000	23,000	24,000	S	D
Anthropologists	S	D	D	D	D
Sociologists <sup>a</sup>	7,000	S	3,000	D	D
Other social and related scientists	33,000	14,000	16,000	3,000	D
Postsecondary teachers - social and related sciences	202,000	85,000	94,000	18,000	S
Engineers	129,000	49,000	71,000	8,000	S
Aerospace, aeronautical, and astronautical engineers	3,000	1,000	S	D	D
Chemical engineers	3,000	1,000	3,000	D	D
Civil, architectural, and sanitary engineers	9,000	6,000	3,000	D	D
Electrical and computer hardware engineers	12,000	3,000	8,000	S	D
Industrial engineers	D	D	D	D	D
Mechanical engineers	7,000	1,000	6,000	D	D
Other engineers	28,000	8,000	17,000	2,000	D
Postsecondary teachers - engineering	66,000	29,000	33,000	4,000	D
S&E-related occupations	2,052,000	867,000	976,000	164,000	45,000
Health-related occupations	1,028,000	464,000	495,000	52,000	18,000
S&E managers	83,000	48,000	24,000	S	D

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(Number)

Sector and occupation	Total	Job satisfaction			
		Very satisfied	Somewhat satisfied	Somewhat dissatisfied	Very dissatisfied
S&E precollege teachers	793,000	303,000	412,000	54,000	24,000
S&E technicians and technologists	141,000	46,000	46,000	S	D
Other S&E-related occupations	7,000	7,000	D	D	D
Non-S&E occupations	7,401,000	2,786,000	3,803,000	594,000	218,000
Non-S&E managers	722,000	318,000	346,000	51,000	S
Management-related occupations	300,000	135,000	142,000	S	S
Non-S&E precollege teachers	4,083,000	1,385,000	2,222,000	332,000	144,000
Non-S&E postsecondary teachers	601,000	266,000	281,000	44,000	9,000
Social services and related occupations	506,000	214,000	241,000	44,000	S
Sales and marketing occupations	47,000	28,000	7,000	S	D
Art, humanities, and related occupations	107,000	43,000	56,000	S	D
Other non-S&E occupations	1,035,000	399,000	509,000	93,000	35,000
Government	6,065,000	2,658,000	2,812,000	478,000	116,000
S&E occupations	960,000	462,000	434,000	50,000	14,000
Biological, agricultural, and other life scientists	131,000	58,000	63,000	7,000	S
Agricultural and food scientists	12,000	7,000	4,000	S	D
Biological and medical scientists	89,000	36,000	47,000	3,000	S
Environmental life scientists	29,000	15,000	11,000	S	S
Postsecondary teachers - life and related sciences	D	D	D	D	D
Computer and mathematical scientists	350,000	159,000	165,000	20,000	S
Computer and information scientists	311,000	141,000	148,000	18,000	S
Mathematical scientists	38,000	19,000	17,000	2,000	D
Postsecondary teachers - computer and math sciences	D	D	D	D	D
Physical and related scientists	102,000	52,000	42,000	5,000	S
Chemists, except biochemists	20,000	13,000	4,000	2,000	S
Earth, atmospheric, and ocean scientists	53,000	28,000	24,000	1,000	D
Physicists	14,000	5,000	8,000	D	D
Other physical and related scientists, including astronomers	15,000	7,000	6,000	D	D
Postsecondary teachers - physical and related sciences	D	D	D	D	D
Social and related scientists	99,000	50,000	41,000	8,000	1,000
Economists	14,000	6,000	5,000	S	*
Political scientists	21,000	14,000	8,000	D	D
Psychologists	10,000	4,000	5,000	1,000	D
Anthropologists	3,000	1,000	S	S	D
Sociologists <sup>a</sup>	4,000	S	S	D	D
Other social and related scientists	47,000	23,000	20,000	3,000	D
Postsecondary teachers - social and related sciences	D	D	D	D	D
Engineers	278,000	142,000	123,000	11,000	2,000
Aerospace, aeronautical, and astronautical engineers	46,000	S	13,000	*	D
Chemical engineers	6,000	S	5,000	D	D
Civil, architectural, and sanitary engineers	85,000	43,000	37,000	4,000	*
Electrical and computer hardware engineers	45,000	19,000	24,000	S	D
Industrial engineers	4,000	1,000	3,000	D	D
Mechanical engineers	29,000	12,000	15,000	1,000	D
Other engineers	63,000	33,000	26,000	3,000	S

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(Number)

Sector and occupation	Total	Job satisfaction			
		Very satisfied	Somewhat satisfied	Somewhat dissatisfied	Very dissatisfied
Postsecondary teachers - engineering	D	D	D	D	D
S&E-related occupations	969,000	421,000	443,000	93,000	S
Health-related occupations	603,000	231,000	293,000	70,000	S
S&E managers	205,000	110,000	83,000	12,000	D
S&E precollege teachers	D	D	D	D	D
S&E technicians and technologists	147,000	73,000	59,000	12,000	S
Other S&E-related occupations	14,000	6,000	S	D	D
Non-S&E occupations	4,136,000	1,776,000	1,935,000	335,000	90,000
Non-S&E managers	647,000	327,000	279,000	34,000	S
Management-related occupations	749,000	352,000	342,000	50,000	5,000
Non-S&E precollege teachers	D	D	D	D	D
Non-S&E postsecondary teachers	D	D	D	D	D
Social services and related occupations	526,000	219,000	265,000	23,000	19,000
Sales and marketing occupations	109,000	33,000	31,000	S	D
Art, humanities, and related occupations	69,000	43,000	18,000	D	D
Other non-S&E occupations	2,036,000	802,000	999,000	175,000	60,000

\* = 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.

<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. Business or industry includes self-employed individuals, nonprofit organizations, and other unspecified types of employers. Education includes 4-year colleges and universities, medical schools, university-affiliated research institutes, 2-year colleges, pre-college institutions, and other educational institutions. Government includes federal (civilian and military), state, and local employers.

**Source(s):**

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