TABLE 5-4

Employed college graduates, by nativity, level of highest degree, major occupation, and employment sector: 2021

(Number)

Nativity, level of highest degree, and occupation	Total	Business or industry	4-year educational institution[a]	2-year college or precollege educational institution	Government[b]
All college graduates, all degrees, all occupations	51,764,000	36,346,000	3,342,000	6,637,000	5,439,000
S&E occupations	7,894,000	5,804,000	1,047,000	206,000	836,000
Biological, agricultural, and other life scientists	794,000	345,000	298,000	25,000	126,000
Computer and mathematical scientists	4,031,000	3,432,000	236,000	95,000	268,000
Physical and related scientists	408,000	169,000	130,000	10,000	99,000
Social and related scientists	712,000	257,000	270,000	71,000	114,000
Engineers	1,949,000	1,600,000	114,000	5,000	229,000
S&E-related occupations	9,522,000	6,903,000	724,000	1,159,000	736,000
Non-S&E occupations	34,349,000	23,640,000	1,570,000	5,272,000	3,867,000
Bachelor's	31,688,000	24,232,000	1,161,000	3,044,000	3,252,000
S&E occupations	4,438,000	3,635,000	293,000	66,000	444,000
Biological, agricultural, and other life scientists	295,000	147,000	88,000	2,000	57,000
Computer and mathematical scientists	2,574,000	2,278,000	88,000	48,000	159,000
Physical and related scientists	177,000	87,000	33,000	S	53,000
Social and related scientists	170,000	74,000	54,000	9,000	33,000
Engineers	1,222,000	1,049,000	30,000	2,000	141,000
S&E-related occupations	5,031,000	3,901,000	252,000	497,000	382,000
Non-S&E occupations	22,219,000	16,696,000	615,000	2,481,000	2,426,000
Master's	14,688,000	8,660,000	1,092,000	3,354,000	1,582,000
S&E occupations	2,411,000	1,712,000	300,000	106,000	293,000
Biological, agricultural, and other life scientists	188,000	81,000	55,000	14,000	39,000
Computer and mathematical scientists	1,251,000	1,023,000	86,000	43,000	100,000
Physical and related scientists	105,000	44,000	33,000	4,000	24,000
Social and related scientists	283,000	96,000	89,000	44,000	53,000
Engineers	584,000	468,000	37,000	2,000	77,000
S&E-related occupations	2,578,000	1,556,000	163,000	619,000	239,000
Non-S&E occupations	9,699,000	5,391,000	629,000	2,630,000	1,049,000
Doctorate	2,141,000	995,000	808,000	173,000	165,000
S&E occupations	962,000	410,000	436,000	31,000	86,000
Biological, agricultural, and other life scientists	291,000	112,000	144,000	7,000	28,000
Computer and mathematical scientists	185,000	111,000	61,000	4,000	8,000
Physical and related scientists	125,000	37,000	64,000	3,000	21,000
Social and related scientists	221,000	67,000	120,000	16,000	18,000
Engineers	141,000	83,000	46,000	1,000	10,000
S&E-related occupations	374,000	216,000	90,000	32,000	36,000
Non-S&E occupations	805,000	369,000	282,000	110,000	44,000
Professional	3,246,000	2,459,000	281,000	66,000	440,000
S&E occupations	82,000	47,000	18,000	4,000	13,000
S&E-related occupations	1,538,000	1,230,000	218,000	11,000	79,000
Non-S&E occupations	1,626,000	1,183,000	44,000	51,000	347,000
Foreign-born college graduates, all degrees, all occupations	9,311,000	7,028,000	831,000	642,000	811,000
S&E occupations	2,261,000	1,697,000	388,000	28,000	149,000

TABLE 5-4

Employed college graduates, by nativity, level of highest degree, major occupation, and employment sector: 2021

(Number)

Nativity, level of highest degree, and occupation	Total	Business or industry	4-year educational institution[a]	2-year college or precollege educational institution	Government[b]
Biological, agricultural, and other life scientists	246,000	105,000	114,000	3,000	24,000
Computer and mathematical scientists	1,325,000	1,173,000	83,000	15,000	54,000
Physical and related scientists	99,000	29,000	59,000	1,000	11,000
Social and related scientists	129,000	37,000	71,000	7,000	14,000
Engineers	462,000	353,000	62,000	1,000	46,000
S&E-related occupations	1,930,000	1,517,000	188,000	74,000	152,000
Non-S&E occupations	5,120,000	3,814,000	255,000	540,000	511,000
Bachelor's	5,036,000	3,977,000	233,000	345,000	481,000
S&E occupations	887,000	748,000	68,000	8,000	62,000
Biological, agricultural, and other life scientists	46,000	22,000	18,000	D	S
Computer and mathematical scientists	612,000	560,000	21,000	7,000	24,000
Physical and related scientists	20,000	7,000	10,000	D	2,000
Social and related scientists	22,000	7,000	S	D	7,000
Engineers	187,000	152,000	12,000	D	23,000
S&E-related occupations	981,000	804,000	62,000	34,000	82,000
Non-S&E occupations	3,168,000	2,426,000	102,000	303,000	337,000
Master's	2,980,000	2,232,000	244,000	264,000	240,000
S&E occupations	926,000	737,000	122,000	13,000	54,000
Biological, agricultural, and other life scientists	52,000	26,000	21,000	D	6,000
Computer and mathematical scientists	599,000	536,000	32,000	6,000	25,000
Physical and related scientists	27,000	7,000	18,000	D	2,000
Social and related scientists	53,000	17,000	27,000	6,000	3,000
Engineers	194,000	151,000	24,000	D	19,000
S&E-related occupations	497,000	376,000	36,000	33,000	52,000
Non-S&E occupations	1,557,000	1,119,000	85,000	219,000	134,000
Doctorate	770,000	406,000	290,000	29,000	46,000
S&E occupations	427,000	201,000	190,000	7,000	30,000
Biological, agricultural, and other life scientists	139,000	54,000	72,000	2,000	11,000
Computer and mathematical scientists	110,000	73,000	29,000	2,000	5,000
Physical and related scientists	53,000	15,000	31,000	1,000	6,000
Social and related scientists	46,000	9,000	32,000	1,000	3,000
Engineers	80,000	49,000	26,000	S	4,000
S&E-related occupations	127,000	75,000	39,000	5,000	7,000
Non-S&E occupations	217,000	131,000	61,000	17,000	8,000
Professional	525,000	412,000	65,000	4,000	44,000
S&E occupations	21,000	11,000	8,000	D	S
S&E-related occupations	325,000	262,000	50,000	S	S
Non-S&E occupations	179,000	139,000	7,000	1,000	32,000
U.S.-born college graduates, all degrees, all occupations	42,453,000	29,318,000	2,511,000	5,995,000	4,628,000
S&E occupations	5,633,000	4,107,000	659,000	179,000	688,000
Biological, agricultural, and other life scientists	548,000	240,000	184,000	22,000	102,000

TABLE 5-4

Employed college graduates, by nativity, level of highest degree, major occupation, and employment sector: 2021

(Number)

Nativity, level of highest degree, and occupation	Total	Business or industry	4-year educational institution[a]	2-year college or precollege educational institution	Government[b]
Computer and mathematical scientists	2,707,000	2,260,000	153,000	80,000	214,000
Physical and related scientists	309,000	141,000	71,000	9,000	88,000
Social and related scientists	583,000	220,000	199,000	64,000	100,000
Engineers	1,487,000	1,247,000	52,000	4,000	184,000
S&E-related occupations	7,592,000	5,386,000	536,000	1,085,000	585,000
Non-S&E occupations	29,228,000	19,825,000	1,315,000	4,732,000	3,356,000
Bachelor's	26,652,000	20,255,000	928,000	2,698,000	2,771,000
S&E occupations	3,551,000	2,887,000	225,000	57,000	382,000
Biological, agricultural, and other life scientists	249,000	126,000	70,000	S	52,000
Computer and mathematical scientists	1,962,000	1,718,000	67,000	41,000	135,000
Physical and related scientists	158,000	81,000	23,000	S	51,000
Social and related scientists	148,000	66,000	47,000	9,000	25,000
Engineers	1,035,000	896,000	18,000	2,000	119,000
S&E-related occupations	4,050,000	3,097,000	190,000	463,000	300,000
Non-S&E occupations	19,051,000	14,271,000	513,000	2,178,000	2,089,000
Master's	11,708,000	6,428,000	848,000	3,090,000	1,342,000
S&E occupations	1,485,000	975,000	178,000	93,000	239,000
Biological, agricultural, and other life scientists	136,000	55,000	35,000	14,000	33,000
Computer and mathematical scientists	653,000	487,000	54,000	36,000	75,000
Physical and related scientists	77,000	37,000	15,000	3,000	22,000
Social and related scientists	230,000	79,000	61,000	39,000	51,000
Engineers	390,000	317,000	13,000	1,000	59,000
S&E-related occupations	2,081,000	1,180,000	127,000	586,000	188,000
Non-S&E occupations	8,142,000	4,273,000	544,000	2,411,000	915,000
Doctorate	1,371,000	589,000	518,000	144,000	120,000
S&E occupations	535,000	210,000	246,000	24,000	56,000
Biological, agricultural, and other life scientists	152,000	58,000	72,000	5,000	16,000
Computer and mathematical scientists	75,000	38,000	32,000	S	3,000
Physical and related scientists	72,000	22,000	33,000	2,000	15,000
Social and related scientists	176,000	58,000	88,000	15,000	15,000
Engineers	60,000	34,000	20,000	D	6,000
S&E-related occupations	247,000	141,000	51,000	27,000	28,000
Non-S&E occupations	588,000	238,000	221,000	93,000	36,000
Professional	2,722,000	2,047,000	216,000	62,000	396,000
S&E occupations	61,000	36,000	11,000	4,000	11,000
S&E-related occupations	1,214,000	968,000	168,000	9,000	69,000
Non-S&E occupations	1,447,000	1,044,000	38,000	49,000	316,000

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

S&E = science and engineering.

[a] Four-year educational institution includes medical schools and university-affiliated research institutes.
[b] Government includes federal (civilian), military, state, and local employers.

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.