

TABLE 5-4

**Employed college graduates, by place of birth, level of highest degree, major occupation, and employment sector: 2023**

(Number)

Place of birth, level of highest degree, and occupation	Total	Business or industry	4-year educational institution <sup>a</sup>	2-year college or precollege educational institution	Government <sup>b</sup>
All places of birth	56,061,000	39,308,000	3,569,000	7,119,000	6,065,000
S&E occupations	8,711,000	6,517,000	1,058,000	176,000	960,000
Biological, agricultural, and other life scientists	813,000	357,000	306,000	20,000	131,000
Computer and mathematical scientists	4,573,000	3,894,000	243,000	87,000	350,000
Physical and related scientists	430,000	189,000	131,000	8,000	102,000
Social and related scientists	631,000	221,000	257,000	54,000	99,000
Engineers	2,263,000	1,856,000	122,000	8,000	278,000
S&E-related occupations	11,253,000	8,231,000	986,000	1,066,000	969,000
Non-S&E occupations	36,097,000	24,560,000	1,524,000	5,877,000	4,136,000
Bachelor's	34,311,000	25,904,000	1,309,000	3,417,000	3,680,000
S&E occupations	5,052,000	4,158,000	290,000	70,000	534,000
Biological, agricultural, and other life scientists	314,000	165,000	81,000	S	65,000
Computer and mathematical scientists	2,989,000	2,611,000	105,000	58,000	214,000
Physical and related scientists	185,000	101,000	38,000	1,000	45,000
Social and related scientists	165,000	80,000	38,000	8,000	39,000
Engineers	1,400,000	1,200,000	27,000	D	171,000
S&E-related occupations	5,852,000	4,474,000	446,000	414,000	517,000
Non-S&E occupations	23,407,000	17,272,000	573,000	2,933,000	2,629,000
Master's	15,719,000	9,564,000	1,034,000	3,399,000	1,721,000
S&E occupations	2,593,000	1,894,000	294,000	81,000	324,000
Biological, agricultural, and other life scientists	205,000	86,000	71,000	9,000	39,000
Computer and mathematical scientists	1,353,000	1,130,000	77,000	28,000	118,000
Physical and related scientists	117,000	45,000	35,000	5,000	33,000
Social and related scientists	239,000	92,000	72,000	33,000	42,000
Engineers	679,000	542,000	40,000	6,000	92,000
S&E-related occupations	3,059,000	2,004,000	174,000	592,000	288,000
Non-S&E occupations	10,068,000	5,666,000	566,000	2,727,000	1,109,000
Doctorate	2,488,000	1,153,000	886,000	260,000	189,000
S&E occupations	995,000	430,000	454,000	21,000	89,000
Biological, agricultural, and other life scientists	271,000	100,000	140,000	5,000	26,000
Computer and mathematical scientists	211,000	139,000	60,000	2,000	11,000
Physical and related scientists	127,000	42,000	58,000	2,000	24,000
Social and related scientists	203,000	36,000	141,000	11,000	14,000
Engineers	184,000	113,000	55,000	D	15,000
S&E-related occupations	576,000	375,000	98,000	51,000	52,000
Non-S&E occupations	917,000	348,000	334,000	187,000	47,000
Professional	3,543,000	2,686,000	340,000	42,000	474,000
S&E occupations	71,000	35,000	20,000	S	13,000
S&E-related occupations	1,766,000	1,378,000	268,000	9,000	111,000
Non-S&E occupations	1,705,000	1,274,000	51,000	30,000	351,000
Foreign-born college graduates	10,004,000	7,505,000	843,000	733,000	923,000
S&E occupations	2,446,000	1,873,000	361,000	32,000	180,000
Biological, agricultural, and other life scientists	233,000	111,000	98,000	2,000	22,000
Computer and mathematical scientists	1,447,000	1,264,000	88,000	19,000	76,000
Physical and related scientists	86,000	30,000	44,000	2,000	10,000
Social and related scientists	133,000	39,000	71,000	7,000	16,000
Engineers	547,000	429,000	60,000	2,000	56,000
S&E-related occupations	2,327,000	1,777,000	238,000	93,000	219,000
Non-S&E occupations	5,230,000	3,855,000	243,000	608,000	524,000

TABLE 5-4

**Employed college graduates, by place of birth, level of highest degree, major occupation, and employment sector: 2023**

(Number)

Place of birth, level of highest degree, and occupation	Total	Business or industry	4-year educational institution <sup>a</sup>	2-year college or precollege educational institution	Government <sup>b</sup>
Bachelor's	5,317,000	4,196,000	240,000	362,000	519,000
S&E occupations	970,000	829,000	54,000	10,000	77,000
Biological, agricultural, and other life scientists	47,000	24,000	14,000	D	9,000
Computer and mathematical scientists	661,000	596,000	24,000	8,000	32,000
Physical and related scientists	18,000	9,000	8,000	D	2,000
Social and related scientists	25,000	14,000	3,000	D	7,000
Engineers	220,000	187,000	6,000	D	27,000
S&E-related occupations	1,120,000	853,000	102,000	40,000	125,000
Non-S&E occupations	3,226,000	2,513,000	84,000	312,000	317,000
Master's	3,266,000	2,414,000	230,000	337,000	285,000
S&E occupations	1,001,000	809,000	107,000	16,000	69,000
Biological, agricultural, and other life scientists	50,000	26,000	21,000	D	3,000
Computer and mathematical scientists	665,000	586,000	31,000	10,000	38,000
Physical and related scientists	23,000	7,000	13,000	D	3,000
Social and related scientists	42,000	16,000	20,000	3,000	4,000
Engineers	220,000	174,000	23,000	S	22,000
S&E-related occupations	663,000	517,000	44,000	48,000	55,000
Non-S&E occupations	1,601,000	1,088,000	79,000	273,000	161,000
Doctorate	838,000	451,000	300,000	33,000	55,000
S&E occupations	458,000	227,000	193,000	5,000	33,000
Biological, agricultural, and other life scientists	125,000	57,000	59,000	*	9,000
Computer and mathematical scientists	119,000	79,000	33,000	1,000	6,000
Physical and related scientists	45,000	15,000	24,000	S	5,000
Social and related scientists	61,000	8,000	46,000	2,000	5,000
Engineers	107,000	68,000	31,000	D	7,000
S&E-related occupations	178,000	123,000	38,000	5,000	11,000
Non-S&E occupations	202,000	100,000	68,000	22,000	11,000
Professional	584,000	445,000	73,000	1,000	64,000
S&E occupations	17,000	8,000	7,000	D	S
S&E-related occupations	366,000	283,000	54,000	D	28,000
Non-S&E occupations	200,000	153,000	S	1,000	35,000
U.S.-born college graduates	46,057,000	31,803,000	2,726,000	6,386,000	5,142,000
S&E occupations	6,265,000	4,644,000	697,000	144,000	780,000
Biological, agricultural, and other life scientists	580,000	246,000	208,000	18,000	108,000
Computer and mathematical scientists	3,126,000	2,630,000	155,000	68,000	273,000
Physical and related scientists	344,000	159,000	86,000	6,000	93,000
Social and related scientists	498,000	182,000	186,000	47,000	84,000
Engineers	1,717,000	1,427,000	62,000	6,000	222,000
S&E-related occupations	8,925,000	6,454,000	748,000	973,000	750,000
Non-S&E occupations	30,867,000	20,705,000	1,281,000	5,270,000	3,611,000
Bachelor's	28,994,000	21,708,000	1,070,000	3,055,000	3,161,000
S&E occupations	4,082,000	3,329,000	236,000	60,000	457,000
Biological, agricultural, and other life scientists	267,000	142,000	68,000	D	56,000
Computer and mathematical scientists	2,328,000	2,015,000	81,000	50,000	182,000
Physical and related scientists	167,000	92,000	30,000	S	44,000
Social and related scientists	140,000	66,000	35,000	7,000	32,000
Engineers	1,180,000	1,014,000	22,000	D	144,000
S&E-related occupations	4,732,000	3,621,000	345,000	374,000	392,000
Non-S&E occupations	20,181,000	14,759,000	489,000	2,621,000	2,312,000

TABLE 5-4

**Employed college graduates, by place of birth, level of highest degree, major occupation, and employment sector: 2023**

(Number)

Place of birth, level of highest degree, and occupation	Total	Business or industry	4-year educational institution <sup>a</sup>	2-year college or precollege educational institution	Government <sup>b</sup>
Master's	12,453,000	7,151,000	804,000	3,063,000	1,436,000
S&E occupations	1,592,000	1,085,000	187,000	65,000	255,000
Biological, agricultural, and other life scientists	155,000	60,000	50,000	9,000	36,000
Computer and mathematical scientists	688,000	544,000	46,000	18,000	81,000
Physical and related scientists	94,000	38,000	22,000	4,000	30,000
Social and related scientists	196,000	76,000	52,000	30,000	39,000
Engineers	459,000	368,000	17,000	4,000	70,000
S&E-related occupations	2,395,000	1,487,000	131,000	544,000	234,000
Non-S&E occupations	8,466,000	4,578,000	487,000	2,454,000	947,000
Doctorate	1,651,000	703,000	586,000	228,000	134,000
S&E occupations	538,000	203,000	261,000	16,000	57,000
Biological, agricultural, and other life scientists	146,000	43,000	81,000	5,000	16,000
Computer and mathematical scientists	92,000	59,000	27,000	1,000	4,000
Physical and related scientists	82,000	28,000	34,000	S	19,000
Social and related scientists	141,000	28,000	95,000	9,000	9,000
Engineers	77,000	45,000	23,000	D	8,000
S&E-related occupations	398,000	251,000	59,000	46,000	41,000
Non-S&E occupations	715,000	248,000	266,000	165,000	36,000
Professional	2,959,000	2,241,000	267,000	41,000	410,000
S&E occupations	54,000	26,000	13,000	S	11,000
S&E-related occupations	1,400,000	1,095,000	214,000	9,000	83,000
Non-S&E occupations	1,505,000	1,120,000	40,000	29,000	316,000

\* = 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> Four-year educational institution includes medical schools and university-affiliated research institutes.

<sup>b</sup> Government includes federal (civilian and 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, 2023.