

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 ^a	2-year college or precollege educational institution	Government ^b
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	34,400,000	25,967,000	1,315,000	3,425,000	3,693,000
S&E occupations	5,069,000	4,168,000	293,000	71,000	537,000
Biological, agricultural, and other life scientists	315,000	166,000	82,000	3,000	65,000
Computer and mathematical scientists	2,999,000	2,619,000	105,000	58,000	217,000
Physical and related scientists	186,000	101,000	38,000	1,000	45,000
Social and related scientists	168,000	80,000	40,000	8,000	39,000
Engineers	1,402,000	1,203,000	27,000	D	171,000
S&E-related occupations	5,881,000	4,493,000	447,000	415,000	526,000
Non-S&E occupations	23,449,000	17,306,000	575,000	2,938,000	2,630,000
Master's	15,780,000	9,593,000	1,059,000	3,398,000	1,730,000
S&E occupations	2,599,000	1,894,000	302,000	80,000	323,000
Biological, agricultural, and other life scientists	211,000	88,000	74,000	9,000	40,000
Computer and mathematical scientists	1,347,000	1,126,000	77,000	28,000	116,000
Physical and related scientists	119,000	46,000	36,000	5,000	33,000
Social and related scientists	242,000	93,000	74,000	33,000	42,000
Engineers	680,000	542,000	41,000	6,000	92,000
S&E-related occupations	3,096,000	2,023,000	187,000	591,000	294,000
Non-S&E occupations	10,085,000	5,675,000	570,000	2,727,000	1,113,000
Doctorate	2,420,000	1,116,000	864,000	257,000	183,000
S&E occupations	973,000	420,000	445,000	21,000	87,000
Biological, agricultural, and other life scientists	264,000	98,000	137,000	5,000	25,000
Computer and mathematical scientists	207,000	135,000	60,000	1,000	10,000
Physical and related scientists	123,000	41,000	56,000	2,000	23,000
Social and related scientists	198,000	35,000	138,000	11,000	14,000
Engineers	181,000	111,000	54,000	D	15,000
S&E-related occupations	562,000	369,000	90,000	51,000	51,000
Non-S&E occupations	885,000	327,000	329,000	184,000	45,000
Professional	3,461,000	2,631,000	331,000	39,000	459,000
S&E occupations	70,000	34,000	18,000	S	14,000
S&E-related occupations	1,714,000	1,346,000	262,000	8,000	98,000
Non-S&E occupations	1,677,000	1,251,000	50,000	28,000	348,000
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

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(Number)

Place of birth, 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	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
Bachelor's	5,338,000	4,212,000	241,000	364,000	522,000
S&E occupations	977,000	833,000	55,000	10,000	79,000
Biological, agricultural, and other life scientists	47,000	24,000	14,000	D	9,000
Computer and mathematical scientists	665,000	598,000	24,000	8,000	35,000
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	221,000	188,000	6,000	D	27,000
S&E-related occupations	1,123,000	856,000	102,000	40,000	125,000
Non-S&E occupations	3,238,000	2,524,000	84,000	313,000	317,000
Master's	3,294,000	2,429,000	243,000	336,000	286,000
S&E occupations	1,008,000	812,000	113,000	16,000	67,000
Biological, agricultural, and other life scientists	52,000	28,000	21,000	D	3,000
Computer and mathematical scientists	663,000	586,000	31,000	10,000	35,000
Physical and related scientists	24,000	7,000	13,000	D	3,000
Social and related scientists	47,000	16,000	24,000	3,000	4,000
Engineers	221,000	174,000	24,000	S	22,000
S&E-related occupations	684,000	531,000	50,000	48,000	56,000
Non-S&E occupations	1,602,000	1,087,000	80,000	272,000	163,000
Doctorate	813,000	438,000	290,000	32,000	53,000
S&E occupations	446,000	222,000	188,000	5,000	32,000
Biological, agricultural, and other life scientists	124,000	56,000	58,000	*	9,000
Computer and mathematical scientists	117,000	77,000	33,000	1,000	6,000
Physical and related scientists	44,000	14,000	24,000	S	5,000
Social and related scientists	57,000	8,000	43,000	2,000	5,000
Engineers	104,000	66,000	31,000	D	7,000
S&E-related occupations	171,000	121,000	35,000	5,000	10,000
Non-S&E occupations	196,000	96,000	68,000	22,000	11,000
Professional	559,000	426,000	70,000	1,000	63,000
S&E occupations	15,000	7,000	6,000	D	S
S&E-related occupations	349,000	269,000	52,000	D	28,000
Non-S&E occupations	194,000	149,000	S	D	33,000
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

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(Number)

Place of birth, level of highest degree, and occupation	Total	Business or industry	4-year educational institution ^a	2-year college or precollege educational institution	Government ^b
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	29,062,000	21,755,000	1,074,000	3,061,000	3,171,000
S&E occupations	4,092,000	3,335,000	239,000	61,000	458,000
Biological, agricultural, and other life scientists	267,000	142,000	68,000	S	56,000
Computer and mathematical scientists	2,334,000	2,021,000	81,000	50,000	182,000
Physical and related scientists	168,000	93,000	30,000	1,000	44,000
Social and related scientists	142,000	66,000	37,000	7,000	32,000
Engineers	1,181,000	1,014,000	22,000	D	144,000
S&E-related occupations	4,758,000	3,637,000	345,000	375,000	401,000
Non-S&E occupations	20,211,000	14,783,000	491,000	2,625,000	2,313,000
Master's	12,486,000	7,163,000	816,000	3,062,000	1,444,000
S&E occupations	1,592,000	1,083,000	189,000	65,000	255,000
Biological, agricultural, and other life scientists	159,000	61,000	53,000	9,000	36,000
Computer and mathematical scientists	684,000	540,000	46,000	18,000	81,000
Physical and related scientists	95,000	39,000	23,000	4,000	30,000
Social and related scientists	194,000	76,000	50,000	30,000	39,000
Engineers	459,000	368,000	17,000	4,000	70,000
S&E-related occupations	2,412,000	1,492,000	138,000	543,000	238,000
Non-S&E occupations	8,483,000	4,588,000	490,000	2,454,000	950,000
Doctorate	1,607,000	678,000	575,000	225,000	130,000
S&E occupations	527,000	199,000	257,000	16,000	55,000
Biological, agricultural, and other life scientists	141,000	42,000	79,000	5,000	16,000
Computer and mathematical scientists	90,000	58,000	27,000	1,000	4,000
Physical and related scientists	79,000	27,000	33,000	S	18,000
Social and related scientists	141,000	27,000	95,000	9,000	9,000
Engineers	76,000	45,000	23,000	D	8,000
S&E-related occupations	391,000	248,000	55,000	46,000	41,000
Non-S&E occupations	689,000	232,000	262,000	162,000	34,000
Professional	2,902,000	2,206,000	261,000	38,000	397,000
S&E occupations	55,000	27,000	13,000	D	12,000
S&E-related occupations	1,364,000	1,076,000	210,000	8,000	70,000
Non-S&E occupations	1,483,000	1,102,000	39,000	27,000	314,000

* = 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.

^a Four-year educational institution includes medical schools and university-affiliated research institutes.

^b 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.