

TABLE 5-4

Employed college graduates, by nativity, level of highest degree, major occupation, and employment sector: 2017

(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	48,223,000	33,510,000	3,056,000	6,849,000	4,808,000
S&E occupations	6,769,000	4,888,000	880,000	216,000	785,000
Biological, agricultural, and other life scientists	610,000	266,000	222,000	19,000	104,000
Computer and mathematical scientists	3,419,000	2,827,000	211,000	88,000	292,000
Physical and related scientists	366,000	154,000	109,000	26,000	76,000
Social and related scientists	646,000	253,000	221,000	76,000	95,000
Engineers	1,728,000	1,387,000	116,000	6,000	218,000
S&E-related occupations	8,271,000	5,869,000	595,000	1,165,000	643,000
Non-S&E occupations	33,183,000	22,753,000	1,582,000	5,468,000	3,379,000
Bachelor's	30,131,000	22,630,000	1,191,000	3,355,000	2,954,000
S&E occupations	3,846,000	3,075,000	266,000	74,000	431,000
Biological, agricultural, and other life scientists	230,000	129,000	63,000	3,000	34,000
Computer and mathematical scientists	2,219,000	1,898,000	87,000	40,000	194,000
Physical and related scientists	164,000	73,000	35,000	D	37,000
Social and related scientists	172,000	85,000	42,000	9,000	36,000
Engineers	1,061,000	890,000	39,000	2,000	130,000
S&E-related occupations	4,338,000	3,244,000	218,000	496,000	381,000
Non-S&E occupations	21,946,000	16,311,000	708,000	2,786,000	2,141,000
Master's	13,260,000	7,763,000	919,000	3,268,000	1,311,000
S&E occupations	2,069,000	1,464,000	234,000	110,000	261,000
Biological, agricultural, and other life scientists	149,000	61,000	44,000	6,000	37,000
Computer and mathematical scientists	1,039,000	836,000	68,000	45,000	89,000
Physical and related scientists	98,000	48,000	23,000	4,000	23,000
Social and related scientists	235,000	86,000	66,000	51,000	33,000
Engineers	548,000	433,000	33,000	4,000	78,000
S&E-related occupations	2,262,000	1,312,000	148,000	627,000	175,000
Non-S&E occupations	8,929,000	4,987,000	536,000	2,530,000	875,000
Doctorate	1,796,000	805,000	717,000	147,000	128,000
S&E occupations	786,000	313,000	369,000	25,000	80,000
Biological, agricultural, and other life scientists	217,000	69,000	112,000	7,000	30,000
Computer and mathematical scientists	150,000	85,000	56,000	2,000	8,000
Physical and related scientists	101,000	31,000	52,000	3,000	15,000
Social and related scientists	201,000	64,000	107,000	13,000	17,000
Engineers	116,000	63,000	43,000	D	10,000
S&E-related occupations	267,000	162,000	63,000	28,000	13,000
Non-S&E occupations	743,000	330,000	285,000	94,000	35,000
Professional	3,036,000	2,312,000	230,000	79,000	415,000
S&E occupations	67,000	36,000	11,000	7,000	13,000
S&E-related occupations	1,404,000	1,151,000	165,000	14,000	74,000
Non-S&E occupations	1,565,000	1,126,000	53,000	58,000	328,000
Foreign-born college graduates, all degrees, all occupations	8,126,000	6,136,000	674,000	600,000	717,000

TABLE 5-4

Employed college graduates, by nativity, level of highest degree, major occupation, and employment sector: 2017

(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
S&E occupations	1,998,000	1,458,000	326,000	57,000	157,000
Biological, agricultural, and other life scientists	199,000	73,000	99,000	2,000	25,000
Computer and mathematical scientists	1,135,000	978,000	73,000	20,000	63,000
Physical and related scientists	108,000	27,000	39,000	21,000	20,000
Social and related scientists	102,000	31,000	53,000	S	5,000
Engineers	454,000	349,000	61,000	1,000	44,000
S&E-related occupations	1,630,000	1,253,000	147,000	88,000	141,000
Non-S&E occupations	4,499,000	3,425,000	200,000	456,000	418,000
Bachelor's	4,464,000	3,509,000	218,000	331,000	406,000
S&E occupations	829,000	653,000	80,000	29,000	67,000
Biological, agricultural, and other life scientists	38,000	17,000	18,000	D	3,000
Computer and mathematical scientists	539,000	475,000	24,000	9,000	32,000
Physical and related scientists	45,000	7,000	9,000	D	10,000
Social and related scientists	22,000	7,000	S	D	*
Engineers	184,000	147,000	15,000	D	22,000
S&E-related occupations	768,000	598,000	57,000	27,000	87,000
Non-S&E occupations	2,867,000	2,259,000	81,000	275,000	252,000
Master's	2,559,000	1,915,000	186,000	241,000	218,000
S&E occupations	811,000	649,000	86,000	23,000	52,000
Biological, agricultural, and other life scientists	46,000	23,000	20,000	1,000	3,000
Computer and mathematical scientists	505,000	446,000	25,000	10,000	25,000
Physical and related scientists	23,000	9,000	10,000	S	3,000
Social and related scientists	32,000	10,000	11,000	S	1,000
Engineers	203,000	162,000	20,000	D	21,000
S&E-related occupations	443,000	313,000	37,000	55,000	37,000
Non-S&E occupations	1,306,000	953,000	63,000	162,000	129,000
Doctorate	599,000	301,000	229,000	24,000	45,000
S&E occupations	339,000	145,000	154,000	4,000	36,000
Biological, agricultural, and other life scientists	105,000	29,000	59,000	1,000	17,000
Computer and mathematical scientists	88,000	56,000	24,000	S	7,000
Physical and related scientists	40,000	11,000	21,000	D	8,000
Social and related scientists	41,000	11,000	25,000	1,000	3,000
Engineers	65,000	39,000	25,000	D	1,000
S&E-related occupations	103,000	67,000	27,000	4,000	4,000
Non-S&E occupations	157,000	88,000	48,000	16,000	5,000
Professional	504,000	411,000	41,000	5,000	47,000
S&E occupations	19,000	11,000	5,000	D	S
S&E-related occupations	316,000	275,000	26,000	D	13,000
Non-S&E occupations	169,000	125,000	9,000	3,000	31,000
U.S.-born college graduates, all degrees, all occupations	40,097,000	27,374,000	2,383,000	6,248,000	4,091,000
S&E occupations	4,771,000	3,430,000	554,000	159,000	628,000

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Employed college graduates, by nativity, level of highest degree, major occupation, and employment sector: 2017

(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	412,000	194,000	123,000	17,000	79,000
Computer and mathematical scientists	2,284,000	1,849,000	138,000	69,000	229,000
Physical and related scientists	258,000	127,000	70,000	5,000	56,000
Social and related scientists	544,000	222,000	168,000	64,000	90,000
Engineers	1,274,000	1,039,000	56,000	5,000	174,000
S&E-related occupations	6,642,000	4,615,000	447,000	1,077,000	502,000
Non-S&E occupations	28,684,000	19,329,000	1,382,000	5,012,000	2,962,000
Bachelor's	25,667,000	19,121,000	973,000	3,025,000	2,548,000
S&E occupations	3,018,000	2,423,000	186,000	45,000	365,000
Biological, agricultural, and other life scientists	192,000	112,000	44,000	3,000	32,000
Computer and mathematical scientists	1,680,000	1,423,000	64,000	31,000	162,000
Physical and related scientists	119,000	66,000	26,000	D	27,000
Social and related scientists	150,000	78,000	27,000	9,000	36,000
Engineers	876,000	742,000	24,000	1,000	108,000
S&E-related occupations	3,570,000	2,646,000	161,000	469,000	294,000
Non-S&E occupations	19,079,000	14,052,000	627,000	2,511,000	1,889,000
Master's	10,701,000	5,848,000	733,000	3,027,000	1,093,000
S&E occupations	1,258,000	815,000	148,000	87,000	209,000
Biological, agricultural, and other life scientists	102,000	38,000	25,000	6,000	34,000
Computer and mathematical scientists	533,000	390,000	43,000	36,000	65,000
Physical and related scientists	75,000	39,000	13,000	2,000	21,000
Social and related scientists	203,000	76,000	55,000	40,000	32,000
Engineers	345,000	271,000	13,000	4,000	57,000
S&E-related occupations	1,820,000	999,000	111,000	572,000	138,000
Non-S&E occupations	7,623,000	4,034,000	474,000	2,369,000	746,000
Doctorate	1,197,000	504,000	488,000	123,000	82,000
S&E occupations	447,000	168,000	215,000	21,000	43,000
Biological, agricultural, and other life scientists	112,000	41,000	53,000	6,000	13,000
Computer and mathematical scientists	62,000	29,000	31,000	S	1,000
Physical and related scientists	61,000	20,000	31,000	3,000	8,000
Social and related scientists	160,000	53,000	82,000	12,000	13,000
Engineers	51,000	25,000	18,000	D	8,000
S&E-related occupations	164,000	95,000	36,000	24,000	9,000
Non-S&E occupations	586,000	242,000	237,000	78,000	30,000
Professional	2,532,000	1,901,000	189,000	74,000	369,000
S&E occupations	48,000	25,000	6,000	6,000	11,000
S&E-related occupations	1,088,000	876,000	139,000	12,000	61,000
Non-S&E occupations	1,396,000	1,000,000	44,000	55,000	296,000

* = 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), 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, 2017.