TABLE 2-6

Employed college graduates, by level of highest degree, major occupation, possession of a certification or license, and primary field of certification or license: 2021

(Number)

Level of highest degree and occupation	Total	Obtained a certification or license for work-related reasons	Primary field of certification or license										
			Computer applications and design	Computer networking, administration, and security	Other information technologies and computers	Mathematics, statistics, and data analytics	Life sciences	Physical sciences	Social sciences	Engineering	S&E-related	Non-S&E	Uncodable or missing
All degree levels	51,764,000	19,988,000	270,000	322,000	144,000	33,000	99,000	76,000	273,000	587,000	5,736,000	11,713,000	737,000
S&E occupations	7,894,000	1,649,000	159,000	208,000	83,000	2,000	32,000	36,000	129,000	373,000	114,000	422,000	92,000
Biological, agricultural, and other life scientists	794,000	120,000	S	D	D	D	25,000	4,000	D	*	47,000	37,000	5,000
Computer and mathematical scientists	4,031,000	702,000	153,000	198,000	78,000	1,000	D	1,000	D	6,000	26,000	178,000	60,000
Physical and related scientists	408,000	67,000	D	D	D	D	4,000	26,000	D	4,000	12,000	18,000	3,000
Social and related scientists	712,000	256,000	D	D	D	D	D	S	128,000	D	11,000	106,000	9,000
Engineers	1,949,000	505,000	6,000	9,000	4,000	D	S	4,000	S	362,000	18,000	84,000	15,000
S&E-related occupations	9,522,000	6,611,000	26,000	47,000	20,000	21,000	25,000	18,000	39,000	98,000	4,939,000	1,195,000	183,000
Non-S&E occupations	34,349,000	11,728,000	85,000	66,000	41,000	10,000	42,000	22,000	105,000	116,000	683,000	10,096,000	461,000
Bachelor's	31,688,000	10,154,000	189,000	213,000	100,000	29,000	65,000	46,000	34,000	375,000	2,845,000	5,814,000	445,000
S&E occupations	4,438,000	897,000	106,000	147,000	63,000	D	17,000	17,000	7,000	240,000	60,000	191,000	49,000
Biological, agricultural, and other life scientists	295,000	60,000	D	D	D	D	13,000	S	D	*	21,000	22,000	S
Computer and mathematical scientists	2,574,000	446,000	102,000	143,000	59,000	D	D	D	D	2,000	13,000	90,000	35,000
Physical and related scientists	177,000	36,000	D	D	D	D	2,000	13,000	D	1,000	10,000	10,000	1,000
Social and related scientists	170,000	32,000	D	D	D	D	D	D	7,000	D	D	22,000	D
Engineers	1,222,000	322,000	4,000	4,000	3,000	D	S	3,000	D	236,000	14,000	47,000	10,000
S&E-related occupations	5,031,000	3,225,000	15,000	28,000	14,000	19,000	19,000	10,000	10,000	68,000	2,391,000	554,000	97,000
Non-S&E occupations	22,219,000	6,032,000	67,000	38,000	23,000	10,000	28,000	19,000	17,000	67,000	394,000	5,069,000	299,000
Master's	14,688,000	6,603,000	77,000	104,000	40,000	4,000	28,000	23,000	137,000	191,000	1,313,000	4,480,000	206,000
S&E occupations	2,411,000	562,000	51,000	60,000	19,000	S	10,000	13,000	39,000	119,000	29,000	184,000	36,000
Biological, agricultural, and other life scientists	188,000	29,000	D	D	D	D	7,000	1,000	D	D	10,000	9,000	S
Computer and mathematical scientists	1,251,000	235,000	49,000	54,000	18,000	1,000	D	D	D	4,000	8,000	78,000	24,000
Physical and related scientists	105,000	23,000	D	D	D	D	S	10,000	D	S	1,000	6,000	D
Social and related scientists	283,000	110,000	D	D	D	D	D	S	38,000	D	7,000	58,000	6,000
Engineers	584,000	165,000	2,000	5,000	*	D	D	1,000	S	113,000	3,000	33,000	5,000
S&E-related occupations	2,578,000	1,804,000	10,000	18,000	5,000	2,000	5,000	7,000	18,000	28,000	1,054,000	609,000	47,000
Non-S&E occupations	9,699,000	4,237,000	15,000	26,000	S	*	13,000	3,000	79,000	43,000	230,000	3,687,000	123,000
Doctorate	2,141,000	591,000	4,000	2,000	3,000	D	6,000	7,000	78,000	18,000	205,000	246,000	23,000
S&E occupations	962,000	141,000	2,000	1,000	S	D	4,000	5,000	63,000	13,000	12,000	32,000	6,000
S&E-related occupations	374,000	218,000	D	D	D	D	S	1,000	S	1,000	173,000	22,000	S
Non-S&E occupations	805,000	232,000	D	D	D	D	*	*	6,000	5,000	21,000	191,000	6,000
Professional	3,246,000	2,640,000	D	D	D	D	D	D	25,000	D	1,373,000	1,173,000	64,000
S&E occupations	82,000	49,000	D	D	D	D	D	D	20,000	D	13,000	15,000	D
S&E-related occupations	1,538,000	1,363,000	D	D	D	D	D	D	S	D	1,322,000	10,000	29,000
Non-S&E occupations	1,626,000	1,227,000	D	D	D	D	D	D	4,000	D	38,000	1,148,000	34,000

* = 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.

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.