

Table 1-5

Employed scientists and engineers, by occupation, highest degree level, and disability status: 2021

(Number)

Occupation	All degrees ^a			Bachelor's			Master's			Doctorate		
	Total	Without disability	With disability	Total	Without disability	With disability	Total	Without disability	With disability	Total	Without disability	With disability
All occupations	30,255,000	26,769,000	3,486,000	16,827,000	14,684,000	2,144,000	9,187,000	8,226,000	961,000	1,827,000	1,664,000	162,000
S&E occupations	7,894,000	7,006,000	888,000	4,438,000	3,885,000	553,000	2,411,000	2,166,000	245,000	962,000	883,000	79,000
Science occupations	5,945,000	5,248,000	698,000	3,216,000	2,804,000	412,000	1,827,000	1,623,000	204,000	822,000	751,000	71,000
Biological, agricultural, and other life scientist	794,000	708,000	86,000	295,000	254,000	41,000	188,000	166,000	22,000	291,000	270,000	21,000
Agricultural or food scientist	74,000	63,000	11,000	34,000	28,000	S	23,000	20,000	S	17,000	15,000	2,000
Biological and medical scientist	572,000	515,000	57,000	216,000	188,000	28,000	133,000	119,000	14,000	206,000	193,000	13,000
Environmental life scientist	45,000	39,000	6,000	26,000	24,000	3,000	16,000	13,000	3,000	S	S	D
Postsecondary teacher	103,000	90,000	13,000	18,000	15,000	D	16,000	13,000	3,000	65,000	59,000	S
Computer and information scientist	3,663,000	3,236,000	427,000	2,443,000	2,129,000	314,000	1,088,000	983,000	104,000	112,000	104,000	8,000
Computer and information scientist	3,627,000	3,204,000	423,000	2,438,000	2,125,000	313,000	1,072,000	968,000	104,000	96,000	91,000	5,000
Postsecondary teacher	36,000	32,000	4,000	4,000	4,000	D	15,000	15,000	D	16,000	13,000	3,000
Mathematical scientist	368,000	322,000	46,000	131,000	117,000	14,000	164,000	137,000	27,000	72,000	68,000	5,000
Mathematical scientist	293,000	254,000	39,000	124,000	110,000	14,000	133,000	109,000	24,000	35,000	34,000	1,000
Postsecondary teacher	75,000	69,000	7,000	7,000	7,000	D	31,000	28,000	3,000	37,000	34,000	4,000
Physical scientist	408,000	358,000	50,000	177,000	152,000	25,000	105,000	90,000	15,000	125,000	115,000	10,000
Chemist, except biochemist	114,000	102,000	11,000	65,000	57,000	8,000	19,000	17,000	2,000	30,000	29,000	2,000
Earth, atmospheric, and ocean scientist	91,000	79,000	13,000	40,000	34,000	6,000	32,000	27,000	6,000	17,000	17,000	D
Physicist	41,000	39,000	2,000	11,000	10,000	1,000	10,000	9,000	1,000	20,000	20,000	S
Other physical and related scientist, including astronomer	82,000	70,000	12,000	47,000	38,000	9,000	25,000	23,000	2,000	10,000	9,000	D
Postsecondary teacher	80,000	68,000	12,000	14,000	13,000	D	19,000	14,000	5,000	47,000	41,000	6,000
Psychologist	280,000	242,000	38,000	41,000	37,000	5,000	110,000	88,000	21,000	102,000	92,000	10,000
Psychologist	233,000	206,000	28,000	38,000	34,000	4,000	96,000	80,000	15,000	75,000	69,000	6,000
Postsecondary teacher	47,000	37,000	10,000	3,000	3,000	D	14,000	8,000	6,000	27,000	23,000	4,000
Social scientist	432,000	381,000	51,000	129,000	115,000	14,000	173,000	159,000	14,000	119,000	102,000	17,000
Economist	47,000	42,000	S	9,000	9,000	*	23,000	23,000	1,000	15,000	11,000	S
Political scientist	39,000	32,000	S	10,000	10,000	D	21,000	20,000	D	2,000	2,000	D
Anthropologist	13,000	12,000	1,000	3,000	3,000	*	7,000	7,000	1,000	3,000	3,000	D

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Occupation	All degrees ^a			Bachelor's			Master's			Doctorate		
	Total	Without disability	With disability	Total	Without disability	With disability	Total	Without disability	With disability	Total	Without disability	With disability
Other social scientist, including sociologist	191,000	171,000	20,000	91,000	80,000	11,000	81,000	76,000	5,000	17,000	14,000	3,000
Postsecondary teacher	141,000	123,000	19,000	15,000	13,000	D	41,000	35,000	6,000	83,000	73,000	10,000
Engineering occupations	1,949,000	1,758,000	191,000	1,222,000	1,081,000	141,000	584,000	543,000	41,000	141,000	132,000	8,000
Aerospace, aeronautical, or astronautical engineer	127,000	119,000	9,000	66,000	59,000	8,000	53,000	52,000	1,000	9,000	9,000	D
Chemical engineer	80,000	71,000	9,000	53,000	48,000	5,000	18,000	15,000	S	8,000	7,000	D
Civil, architectural, or sanitary engineer	303,000	277,000	26,000	194,000	175,000	19,000	98,000	91,000	7,000	10,000	10,000	*
Electrical or computer hardware engineer	399,000	359,000	40,000	242,000	214,000	29,000	124,000	116,000	9,000	32,000	30,000	3,000
Industrial engineer	96,000	87,000	9,000	62,000	56,000	5,000	33,000	29,000	4,000	1,000	1,000	D
Mechanical engineer	388,000	350,000	38,000	274,000	243,000	31,000	99,000	93,000	6,000	14,000	13,000	1,000
Other engineer	501,000	444,000	56,000	323,000	279,000	44,000	146,000	136,000	10,000	32,000	29,000	2,000
Postsecondary teacher	55,000	51,000	4,000	7,000	7,000	S	13,000	11,000	S	34,000	33,000	1,000
S&E-related occupations	9,522,000	8,534,000	987,000	5,031,000	4,435,000	597,000	2,578,000	2,326,000	252,000	374,000	345,000	29,000
Health-related occupation	6,136,000	5,543,000	593,000	3,160,000	2,802,000	358,000	1,313,000	1,191,000	122,000	237,000	219,000	18,000
S&E manager, including health	1,135,000	1,010,000	125,000	553,000	496,000	57,000	417,000	369,000	48,000	63,000	58,000	6,000
S&E pre-college teacher	915,000	817,000	98,000	377,000	332,000	45,000	504,000	451,000	52,000	25,000	24,000	1,000
S&E technician/ technologist	1,088,000	939,000	149,000	784,000	659,000	125,000	257,000	236,000	21,000	46,000	42,000	4,000
Other S&E-related occupation	248,000	226,000	22,000	157,000	145,000	13,000	88,000	79,000	9,000	2,000	2,000	D
Non-S&E occupations	12,840,000	11,230,000	1,610,000	7,358,000	6,364,000	994,000	4,198,000	3,734,000	464,000	491,000	436,000	55,000
Arts, humanities, and related occupation	317,000	281,000	36,000	171,000	153,000	18,000	118,000	101,000	17,000	19,000	19,000	S
Management-related occupation	3,082,000	2,718,000	364,000	1,819,000	1,568,000	251,000	1,102,000	1,003,000	98,000	92,000	83,000	9,000
Non-S&E manager	2,217,000	1,972,000	245,000	1,122,000	984,000	138,000	860,000	782,000	78,000	164,000	148,000	16,000
Non-S&E postsecondary teacher	185,000	159,000	25,000	24,000	18,000	S	55,000	48,000	7,000	94,000	84,000	10,000
Non-S&E precollege teacher	862,000	779,000	83,000	353,000	317,000	36,000	485,000	440,000	45,000	12,000	12,000	D
Sales and marketing occupation	1,312,000	1,137,000	175,000	976,000	851,000	126,000	296,000	255,000	41,000	17,000	13,000	D
Social service and related occupation	1,092,000	937,000	155,000	400,000	337,000	63,000	651,000	569,000	82,000	22,000	17,000	6,000
Other non-S&E occupation	3,773,000	3,246,000	527,000	2,492,000	2,137,000	355,000	631,000	536,000	96,000	71,000	61,000	10,000

* = 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 All degrees includes professional degrees, which are not shown separately.

Note(s):

Numbers are rounded to nearest 1,000. Detail may not add to total because of rounding and suppression. The National Survey of College Graduates asks the degree of difficulty—none, slight, moderate, severe, or unable to do—an individual has in seeing (with glasses), hearing (with hearing aid), walking without assistance, lifting 10 pounds, or concentrating, remembering, or making decisions. Respondents who answered "moderate," "severe," or "unable to do" for any activity were classified as having a disability. Scientists and engineers are individuals under the age of 76 who have a bachelor's or higher degree, are living in the United States, and have an S&E or S&E-related degree or occupation.

Source(s):

National Center for Science and Engineering Statistics, National Survey of College Graduates, 2021.