

Table 1-7

Employed science, engineering, and health doctorate holders, by broad occupation, sex, disability status, sector of employment, and tenure status: 2021

(Number)

Occupation, disability status, and sex	Total	4-year educational institution ^a				Other employment sectors						
		Tenured	Not tenured		Tenure not applicable	Other educational institution ^b	Private sector, for profit ^c	Private sector, nonprofit	Federal government	State or local government	Self-employed ^d	Other ^e
			On tenure track	Not on tenure track								
All occupations	872,100	157,000	50,550	53,550	79,850	27,800	322,300	60,200	52,700	19,650	42,650	5,850
Without disability	787,950	137,050	46,000	47,800	72,250	24,450	296,850	55,650	47,050	18,150	37,300	5,400
With disability	84,100	19,950	4,500	5,750	7,650	3,300	25,500	4,550	5,600	1,550	5,350	450
Female	328,500	52,400	22,200	24,200	37,450	15,150	95,600	28,150	21,250	8,200	21,750	2,200
Without disability	298,850	46,200	19,800	21,600	34,450	13,700	88,800	26,100	19,250	7,550	19,350	2,050
With disability	29,700	6,150	2,400	2,550	3,050	1,450	6,750	2,000	2,050	650	2,400	150
Male	543,550	104,600	28,350	29,400	42,400	12,600	226,750	32,050	31,400	11,500	20,900	3,650
Without disability	489,150	90,850	26,200	26,200	37,800	10,800	208,000	29,550	27,850	10,600	17,950	3,350
With disability	54,450	13,750	2,150	3,150	4,600	1,850	18,700	2,550	3,600	900	2,950	300
S&E occupations ^f	625,000	125,400	41,350	40,650	57,150	16,400	220,250	36,350	41,550	13,450	28,300	4,200
Without disability	565,400	109,050	37,950	36,050	51,900	14,400	203,650	33,750	37,200	12,450	25,100	3,850
With disability	59,600	16,350	3,400	4,550	5,250	2,000	16,550	2,600	4,350	1,000	3,200	350
Female	221,650	38,200	16,950	17,400	24,800	8,600	61,850	15,850	16,500	5,150	14,850	1,500
Without disability	201,350	33,500	15,350	15,300	22,950	7,750	57,550	14,800	14,850	4,700	13,250	1,400
With disability	20,300	4,700	1,650	2,050	1,900	850	4,300	1,050	1,650	400	1,600	150
Male	403,350	87,200	24,400	23,250	32,350	7,800	158,400	20,500	25,050	8,300	13,450	2,700
Without disability	364,050	75,600	22,600	20,750	28,950	6,650	146,100	18,950	22,350	7,750	11,850	2,450
With disability	39,300	11,650	1,750	2,500	3,400	1,150	12,250	1,550	2,700	550	1,600	250
Scientist	502,250	106,100	34,100	36,350	51,450	15,900	152,000	32,250	34,350	10,850	25,950	2,950
Without disability	452,700	91,850	31,350	32,200	46,650	14,050	140,150	30,050	30,700	10,050	23,000	2,750
With disability	49,550	14,250	2,750	4,150	4,800	1,900	11,900	2,200	3,650	800	3,000	200
Female	200,550	35,200	15,150	16,300	23,500	8,500	51,650	14,950	14,950	4,550	14,650	1,200
Without disability	181,950	30,700	13,800	14,350	21,700	7,650	47,950	13,950	13,500	4,200	13,050	1,100
With disability	18,600	4,500	1,300	1,950	1,800	850	3,700	1,000	1,500	350	1,600	100
Male	301,700	70,850	18,950	20,050	27,900	7,450	100,350	17,350	19,400	6,300	11,350	1,750
Without disability	270,750	61,100	17,550	17,850	24,900	6,400	92,200	16,100	17,200	5,850	9,900	1,650
With disability	30,950	9,750	1,400	2,200	3,000	1,050	8,150	1,200	2,150	450	1,400	100
Biological/life scientist	160,850	28,100	10,050	15,700	23,300	3,650	45,600	12,600	14,250	3,300	3,550	800
Without disability	145,550	24,250	9,200	13,900	21,300	3,150	42,150	11,900	12,850	3,000	3,100	700
With disability	15,300	3,850	850	1,800	1,950	500	3,450	700	1,350	300	450	50

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(Number)

Occupation, disability status, and sex	Total	4-year educational institution ^a				Other employment sectors						
		Tenured	Not tenured		Tenure not applicable	Other educational institution ^b	Private sector, for profit ^c	Private sector, nonprofit	Federal government	State or local government	Self- employed ^d	Other ^e
			On tenure track	Not on tenure track								
Female	70,300	9,050	4,500	7,050	11,900	2,400	20,200	5,500	6,600	1,450	1,150	450
Without disability	64,550	7,900	4,100	6,300	11,150	2,100	19,000	5,150	6,050	1,350	1,050	400
With disability	5,750	1,150	450	800	750	300	1,200	350	550	100	100	50
Male	90,550	19,000	5,550	8,650	11,400	1,250	25,400	7,100	7,650	1,850	2,350	350
Without disability	81,000	16,300	5,100	7,600	10,200	1,050	23,150	6,750	6,800	1,700	2,000	350
With disability	9,550	2,700	450	1,000	1,200	200	2,300	350	800	200	350	D
Computer and informational scientist	65,450	6,350	3,150	1,800	3,300	600	44,150	2,150	1,300	800	1,350	450
Without disability	60,800	5,800	2,850	1,600	3,050	550	41,350	2,000	1,150	750	1,250	450
With disability	4,650	550	250	200	250	100	2,750	200	150	D	100	D
Female	12,200	1,100	850	500	800	150	7,550	550	250	100	200	100
Without disability	11,250	1,050	750	400	750	100	7,050	500	200	100	150	S
With disability	950	50	50	S	50	D	500	50	D	D	D	D
Male	53,250	5,200	2,300	1,300	2,500	500	36,550	1,600	1,100	700	1,150	350
Without disability	49,550	4,750	2,100	1,200	2,300	400	34,300	1,500	950	650	1,050	350
With disability	3,700	500	S	150	200	D	2,250	100	150	D	100	D
Mathematical scientist	43,950	11,500	3,300	3,200	3,200	1,200	15,950	2,350	2,050	500	500	200
Without disability	40,250	10,350	2,950	2,950	2,950	950	14,850	2,200	1,850	500	450	200
With disability	3,700	1,200	300	250	200	250	1,100	150	200	D	D	D
Female	12,600	2,450	1,000	900	1,350	250	4,750	700	750	100	150	100
Without disability	11,650	2,300	900	800	1,250	200	4,500	650	700	100	150	100
With disability	950	200	100	50	100	50	300	50	D	D	D	D
Male	31,350	9,050	2,250	2,300	1,850	950	11,200	1,650	1,250	350	350	S
Without disability	28,650	8,050	2,050	2,150	1,700	750	10,400	1,550	1,150	350	350	S
With disability	2,750	1,000	S	200	100	S	800	100	100	D	D	D
Physical scientist	85,100	20,900	5,200	5,900	9,000	4,300	23,300	4,550	7,450	2,450	1,600	500
Without disability	76,500	18,200	4,900	5,200	8,150	3,850	21,100	4,150	6,750	2,250	1,500	450

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		Tenured	Not tenured		Tenure not applicable	Other educational institution ^b	Private sector, for profit ^c	Private sector, nonprofit	Federal government	State or local government	Self- employed ^d	Other ^e
			On tenure track	Not on tenure track								
With disability	8,650	2,700	250	700	850	450	2,200	400	700	150	100	S
Female	22,950	5,300	1,900	1,850	2,800	1,600	5,000	1,250	2,000	750	300	200
Without disability	20,900	4,650	1,800	1,700	2,550	1,450	4,600	1,150	1,900	650	300	150
With disability	2,050	650	100	150	250	150	450	100	150	S	D	D
Male	62,150	15,600	3,300	4,050	6,200	2,700	18,300	3,300	5,400	1,700	1,300	300
Without disability	55,550	13,550	3,100	3,500	5,600	2,400	16,500	3,000	4,850	1,600	1,200	300
With disability	6,600	2,050	200	550	600	300	1,800	300	550	100	100	D
Psychologist	78,400	12,000	3,750	3,900	6,400	3,600	17,250	6,250	5,250	2,450	17,150	350
Without disability	69,300	10,100	3,350	3,500	5,650	3,250	15,300	5,850	4,400	2,300	15,300	350
With disability	9,100	1,900	450	400	750	300	1,950	450	850	200	1,850	D
Female	50,850	6,350	2,500	2,650	3,800	2,600	11,450	4,450	3,300	1,450	12,000	200
Without disability	45,550	5,400	2,250	2,350	3,450	2,500	10,300	4,200	2,800	1,350	10,750	200
With disability	5,300	950	300	350	350	100	1,150	250	500	100	1,300	D
Male	27,550	5,650	1,250	1,250	2,600	950	5,800	1,850	1,950	1,000	5,150	150
Without disability	23,750	4,700	1,100	1,150	2,200	750	5,000	1,650	1,600	950	4,550	150
With disability	3,800	950	150	D	450	S	800	200	350	D	550	D
Social scientist	68,450	27,250	8,700	5,800	6,250	2,550	5,800	4,300	4,100	1,350	1,800	600
Without disability	60,300	23,200	8,050	5,050	5,500	2,250	5,400	3,950	3,650	1,250	1,400	600
With disability	8,150	4,050	600	750	750	300	400	400	450	100	400	D
Female	31,600	10,900	4,350	3,300	2,850	1,450	2,650	2,450	2,050	650	800	150
Without disability	28,000	9,400	4,000	2,800	2,550	1,250	2,500	2,250	1,800	600	700	150
With disability	3,600	1,500	350	500	300	200	150	200	200	50	150	D
Male	36,850	16,300	4,300	2,500	3,400	1,100	3,150	1,850	2,050	700	1,000	450
Without disability	32,300	13,750	4,050	2,250	2,950	1,000	2,900	1,700	1,850	650	700	450
With disability	4,600	2,550	250	250	450	D	250	150	200	S	300	D
Engineer	122,800	19,300	7,250	4,300	5,750	450	68,200	4,100	7,200	2,600	2,350	1,250
Without disability	112,750	17,200	6,600	3,900	5,300	400	63,550	3,700	6,500	2,400	2,150	1,100
With disability	10,050	2,100	650	450	450	S	4,700	350	700	200	200	150
Female	21,100	3,000	1,850	1,100	1,300	100	10,200	900	1,550	600	200	300

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			On tenure track	Not on tenure track								
Without disability	19,400	2,750	1,500	950	1,200	100	9,600	850	1,350	500	200	300
With disability	1,700	200	300	S	S	D	600	50	S	S	D	D
Male	101,650	16,350	5,450	3,200	4,400	350	58,050	3,150	5,650	2,000	2,150	950
Without disability	93,300	14,450	5,100	2,900	4,050	300	53,900	2,850	5,100	1,900	1,950	800
With disability	8,350	1,900	350	300	350	D	4,100	300	550	150	200	150
S&E-related occupations ⁹	100,450	12,200	6,200	7,700	10,650	5,800	35,450	11,350	5,100	2,750	2,450	750
Without disability	91,200	11,050	5,350	7,000	9,550	5,150	32,450	10,650	4,650	2,450	2,200	750
With disability	9,250	1,150	850	750	1,050	650	3,000	750	500	300	300	D
Female	43,600	6,300	3,900	3,950	5,600	3,200	10,700	5,500	1,800	1,200	1,100	350
Without disability	39,800	5,800	3,250	3,600	5,100	2,850	9,950	5,150	1,750	1,100	1,000	300
With disability	3,750	500	650	350	500	300	750	350	100	100	100	D
Male	56,900	5,900	2,300	3,750	5,050	2,600	24,700	5,900	3,300	1,550	1,350	400
Without disability	51,400	5,300	2,100	3,400	4,500	2,300	22,500	5,500	2,900	1,400	1,200	400
With disability	5,500	600	200	400	550	300	2,250	400	400	S	150	D
Non-S&E occupations	146,600	19,400	3,000	5,200	12,050	5,600	66,650	12,500	6,050	3,450	11,850	900
Without disability	131,350	16,950	2,750	4,750	10,750	4,900	60,700	11,250	5,250	3,250	10,000	800
With disability	15,250	2,450	250	450	1,300	700	5,950	1,200	750	250	1,850	50
Female	63,300	7,900	1,350	2,850	7,050	3,400	23,000	6,800	2,950	1,850	5,800	350
Without disability	57,650	6,950	1,250	2,700	6,400	3,100	21,300	6,200	2,650	1,750	5,100	300
With disability	5,650	950	100	150	650	300	1,700	600	300	100	700	S
Male	83,300	11,500	1,650	2,350	5,000	2,200	43,650	5,700	3,100	1,600	6,050	550
Without disability	73,650	10,000	1,500	2,100	4,350	1,800	39,400	5,100	2,600	1,450	4,900	500
With disability	9,650	1,500	150	300	650	400	4,200	600	450	150	1,150	D

D = suppressed to avoid disclosure of confidential information. S = suppressed for reliability; coefficient of variation exceeds publication standards.

S&E = science and engineering.

^a Includes 4-year colleges or universities, medical schools (including university-affiliated hospitals or medical centers), and university-affiliated research institutes.^b Includes 2-year colleges, community colleges, technical institutes, and other precollege institutions.^c Includes those self-employed in an incorporated business.^d Self-employed or business owner in a nonincorporated business.

^e Includes employers not broken out separately.

^f S&E occupations include S&E postsecondary teachers.

^g S&E-related occupations include health-related occupations (e.g., diagnosing practitioners, registered nurses, and postsecondary teachers in health and related sciences), S&E managers, S&E precollege teachers, S&E technicians and technologists, and other S&E-related occupations.

Note(s):

Numbers rounded to nearest 50. Detail may not add to total because of rounding and suppression. Estimates include those employed and living in the United States during the reference week. The Survey of Doctorate Recipients 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.

Source(s):

National Center for Science and Engineering Statistics, Survey of Doctorate Recipients, 2021.