

TABLE 35

U.S. residing doctoral scientists and engineers, by occupation and disability status: 2019

(Number and SE)

Occupation	Total		With disability		Without disability	
	Number	SE	Number	SE	Number	SE
All occupations	1,008,750	1,475	95,650	1,450	913,100	1,700
Science occupations	578,050	2,425	56,200	1,150	521,850	2,450
Biological, agricultural, and other life scientist	183,050	1,625	17,050	575	166,050	1,550
Agricultural, food scientist	14,500	525	1,800	200	12,750	475
Biochemists, biophysicist	19,650	725	1,900	275	17,700	725
Biological scientist	30,700	700	3,000	275	27,750	700
Forestry, conservation scientist	2,750	225	250	75	2,500	225
Medical scientist	48,300	1,100	3,700	275	44,600	1,050
Postsecondary teachers, agricultural, other natural sciences	7,150	375	900	125	6,250	375
Postsecondary teachers, biological sciences	37,800	800	3,850	275	33,950	775
Other biological, agricultural, life scientist	22,250	725	1,700	200	20,550	700
Computer and information scientist	71,350	1,075	5,600	400	65,750	1,125
Computer and information scientist	60,650	1,075	4,400	350	56,250	1,100
Postsecondary teachers, computer science	10,700	525	1,200	175	9,500	475
Mathematical scientist	47,850	825	4,400	275	43,400	775
Mathematical scientist	24,750	700	2,100	225	22,650	675
Postsecondary teachers, mathematics, statistics	23,050	600	2,300	225	20,800	575
Physical scientist	101,350	1,325	9,900	450	91,450	1,275
Chemists, except biochemist	27,250	800	2,450	250	24,800	775
Earth, atmospheric, ocean scientist	14,550	400	1,450	150	13,100	400
Physicists, astronomers	14,700	700	1,600	250	13,150	625
Postsecondary teachers, chemistry	19,500	675	1,650	200	17,850	625
Postsecondary teachers, physics	12,350	600	1,050	175	11,300	600
Postsecondary teachers, other physical science	8,400	300	1,250	150	7,200	325
Other physical scientist	4,550	325	450	100	4,100	300
Psychologist	91,600	975	9,650	550	81,900	975
Psychologist	67,850	1,025	6,800	450	61,050	1,000
Postsecondary teachers, psychology	23,750	675	2,900	275	20,850	650
Social scientist	82,850	1,050	9,600	525	73,250	975
Economist	11,300	575	1,050	175	10,300	550
Political scientist	2,450	300	350	150	2,100	250
Postsecondary teachers, economics	12,800	550	1,600	225	11,200	500
Postsecondary teachers, political science	12,600	475	1,500	225	11,150	475
Postsecondary teachers, sociology	9,450	375	1,200	150	8,250	375
Postsecondary teachers, other social sciences	19,200	600	2,650	250	16,550	575
Sociologist, anthropologist	4,500	325	450	100	4,100	325
Other social scientist	10,500	525	900	125	9,650	500
Engineering occupations	136,750	1,375	11,300	525	125,450	1,375
Aerospace, aeronautical, astronautical engineer	8,250	475	600	150	7,650	450
Chemical engineer	10,950	525	600	125	10,350	525
Civil, architectural, sanitary engineer	7,750	475	750	150	7,050	450
Electrical engineer	30,700	825	2,500	275	28,200	825
Industrial engineers	2,100	275	200	100	1,900	250
Mechanical engineer	15,000	575	1,050	200	13,900	550
Postsecondary teacher, engineering	25,750	800	3,000	275	22,700	750
Other engineer	36,200	725	2,550	250	33,650	700
S&E-related occupations	108,900	1,600	10,000	450	98,900	1,500
Health occupations, except postsecondary teachers and managers	36,200	875	3,150	250	33,000	800
Postsecondary teacher, health and related science	27,600	700	2,900	250	24,700	675
S&E managers, including health	28,900	925	2,300	250	26,550	850

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(Number and SE)

Occupation	Total		With disability		Without disability	
	Number	SE	Number	SE	Number	SE
S&E precollege teachers	6,850	450	550	100	6,300	450
S&E technician/ technologist	8,300	475	1,000	200	7,250	475
Other S&E-related occupation	1,100	175	D	D	1,050	175
Non-S&E occupations	185,050	1,900	18,150	700	166,900	1,750
Arts, humanities-related occupation	11,100	450	1,200	175	9,900	400
Management-related occupation	42,000	1,275	3,500	350	38,500	1,225
Non-S&E managers	64,350	1,175	5,100	350	59,300	1,200
Non-S&E postsecondary teachers	23,750	725	2,650	275	21,100	700
Non-S&E precollege/ other teachers	6,950	450	1,000	175	5,950	425
Sales, marketing occupation	11,350	550	1,200	225	10,150	500
Social service-related occupation	8,150	450	1,250	175	6,900	425
Other non-S&E occupation	17,400	700	2,250	250	15,150	650

D = suppressed to avoid disclosure of confidential information.

S&E = science and engineering; SE = standard error.

Note(s):

Numbers are rounded to the nearest 50. Standard errors are rounded up to the nearest 25. Detail may not add to total because of rounding. If respondent was not employed during survey reference period, occupation when last employed was reported. Excludes 350 individuals who reported never having worked so could not be classified by occupation. Survey asks 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. Those respondents who answered "moderate," "severe," or "unable to do" for any activity were classified as having a disability. Residence location is based on reported living location on 1 February 2019.

Source(s):

National Center for Science and Engineering Statistics, Survey of Doctorate Recipients: 2019.