TABLE 7

U.S. residing doctoral scientists and engineers, by fine field of doctorate and disability status: 2021

(Number and SE)

Field of study	Total		With disability		Without disability	
	Number	SE	Number	SE	Number	SE
All fields	1,023,650	1,925	111,600	1,625	912,000	2,500
Science	767,500	1,675	87,650	1,400	679,850	2,075
Biological, agricultural, and environmental life sciences	265,700	1,050	28,500	750	237,200	1,225
Agricultural and food sciences	21,050	350	2,700	250	18,350	375
Agricultural sciences	1,300	75	150	50	1,100	75
Animal sciences	5,500	175	650	150	4,850	200
Food sciences and technology	4,100	175	400	125	3,700	200
Plant sciences	7,450	225	1,050	150	6,400	275
Soil sciences	2,700	125	400	100	2,300	125
Biochemistry and biophysics	35,250	450	3,350	300	31,900	500
Biochemistry	29,250	425	2,850	300	26,400	500
Biophysics	6,000	150	500	100	5,500	175
Cell, cellular biology, and molecular biology	36,000	350	3,400	325	32,600	475
Microbiological sciences and immunology	28,750	300	3,050	325	25,700	400
Immunology	10,400	200	1,250	200	9,150	250
Microbiological sciences	18,350	250	1,800	275	16,550	350
Natural resources and conservation	11,150	225	1,400	150	9,700	250
Fish, fisheries, wildlife, and wildlands science and management	2,700	100	400	75	2,250	100
Forestry	3,300	125	300	75	2,950	125
Natural resource conservation, research, management, and policy	5,150	150	650	125	4,500	175
Zoology	9,100	200	1,700	175	7,450	250
Other biological sciences	124,400	675	12,950	500	111,450	850
Biomathematics, bioinformatics, and computational biology	6,600	125	800	150	5,800	175
Botany and plant biology	8,400	225	1,050	150	7,350	250
Epidemiology, ecology, and population biology	19,400	325	1,900	225	17,550	350
Genetics	10,100	200	850	125	9,250	200
Neurobiology and neuroscience	20,000	225	1,650	200	18,400	300
Nutrition sciences	4,850	150	400	75	4,450	175
Pharmacology and toxicology	15,050	175	1,600	225	13,450	250
Physiology, pathology, and related sciences	18,350	225	1,850	225	16,500	300
Biological and biomedical sciences, general	15,650	225	1,700	225	13,900	325
Biological and biomedical sciences, other	5,900	200	1,100	200	4,800	225
Computer and information sciences	36,650	400	3,200	325	33,450	450
Computer science	31,450	375	2,600	300	28,850	425
Information science, studies	3,050	125	400	75	2,600	125
Computer and information sciences, other	2,150	100	200	25	1,950	100
Mathematics and statistics	42,950	525	4,100	350	38,850	525
Applied mathematics	8,950	250	850	150	8,100	275
Mathematics	20,650	375	2,100	225	18,600	350
Statistics	8,400	300	750	150	7,600	325
Mathematics and statistics, other	4,950	125	400	75	4,550	150
Physical sciences, geosciences, atmospheric sciences, and ocean sciences	163,600	875	17,350	675	146,250	1,025
Astronomy and astrophysics	7,250	125	950	175	6,350	175
Chemistry, except biochemistry	80,500	650	7,750	475	72,750	700
Inorganic chemistry	10,500	175	1,150	200	9,350	250
Organic chemistry	21,750	350	2,050	275	19,700	375
Chemistry, other, except biochemistry	48,250	475	4,550	350	43,650	575
Geosciences, atmospheric sciences, and ocean sciences	26,950	275	3,050	225	23,900	300
Atmospheric sciences and meteorology	4,750	100	450	75	4,300	100
Geological and earth sciences, geosciences	16,950	250	1,950	200	15,000	300

TABLE 7

U.S. residing doctoral scientists and engineers, by fine field of doctorate and disability status: 2021

(Number and SE)

Field of study	Total		With disability		Without disability	
	Number	SE	Number	SE	Number	SE
Ocean sciences and marine sciences	2,750	75	350	50	2,400	75
Oceanography, chemical and physical	2,450	125	250	50	2,200	125
Physics	48,900	650	5,650	450	43,250	750
Psychology	137,550	550	17,850	750	119,700	925
Clinical psychology	47,450	350	5,600	500	41,800	575
Counseling and applied psychology	16,900	200	2,650	275	14,250	325
Educational and school psychology	17,700	250	2,200	225	15,550	300
Industrial and organizational psychology	5,800	175	800	125	5,000	200
Research and experimental psychology	34,700	250	4,350	275	30,350	325
Psychology, general	9,150	225	1,350	225	7,800	275
Psychology, other	5,900	125	900	125	4,950	150
Social sciences	121,000	950	16,600	725	104,400	1,050
Economics	32,250	550	3,600	400	28,650	575
Political science and government	24,050	550	3,600	350	20,450	525
Political science and government	18,950	550	3,050	350	15,900	550
Public policy analysis	5,100	100	550	100	4,550	150
Sociology, demography, and population studies	19,400	325	2,950	225	16,450	375
Other social sciences	45,300	525	6,450	375	38,850	575
Anthropology	14,000	250	1,950	200	12,000	300
Area, ethnic, cultural, gender, and group studies	4,900	125	800	125	4,050	150
Geography and cartography	5,300	225	700	100	4,600	200
International relations and national security studies	2,600	125	250	50	2,350	150
Linguistics	5,550	250	800	175	4,750	275
Urban studies, affairs	1,600	125	150	50	1,450	100
Social sciences, other	11,400	275	1,700	175	9,650	275
Engineering	206,100	1,150	17,850	700	188,250	1,275
Aerospace, aeronautical, and astronautical engineering	7,850	250	600	125	7,250	275
Chemical engineering	24,850	425	1,700	275	23,150	475
Civil engineering	21,800	550	1,900	250	19,950	550
Electrical and computer engineering	55,900	575	4,750	425	51,150	625
Computer engineering	7,850	250	700	150	7,150	250
Electrical, electronics, and communications engineering	48,000	525	4,050	425	44,000	600
Mechanical engineering	30,550	425	2,750	350	27,800	525
Metallurgical and materials engineering	19,750	375	1,950	275	17,850	450
Other engineering	45,350	450	4,250	275	41,100	500
Agricultural engineering	2,050	100	250	50	1,800	100
Bioengineering and biomedical engineering	16,050	250	1,000	200	15,000	300
Engineering mechanics, physics, and science	4,900	175	550	100	4,350	175
Industrial and manufacturing engineering	10,450	300	1,350	200	9,100	300
Nuclear engineering	3,550	125	300	75	3,250	125
Engineering, other	8,350	225	800	125	7,550	250
Health	50,050	450	6,150	425	43,900	575
Communication disorders sciences and services	3,900	125	450	100	3,450	125
Hospital and medical administration services	1,750	75	250	100	1,450	75
Pharmacy, pharmaceutical sciences, and administration	9,000	250	900	200	8,100	275
Public health	10,700	200	1,200	175	9,500	225
Registered nursing, nursing administration, nursing research	11,450	275	1,700	225	9,750	350
Health sciences, other	13,200	200	1,650	250	11,600	275

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. 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 2021.

Source(s):
National Center for Science and Engineering Statistics, Survey of Doctorate Recipients, 2021.