

TABLE 36

**U.S. residing doctoral scientists and engineers employed as postdocs, by occupation: 2019**

(Number and SE)

Occupation	Number	SE
All occupations	25,400	725
Science occupations	22,000	725
Biological, agricultural, and other life scientist	15,350	575
Agricultural, food scientist	550	100
Biochemists, biophysicist	2,900	275
Biological scientist	4,200	225
Forestry, conservation scientist	150	50
Medical scientist	4,700	375
Postsecondary teachers, agricultural, other natural sciences	50	25
Postsecondary teachers, biological sciences	300	100
Other biological, agricultural, life scientist	2,550	250
Computer and information scientist	450	100
Computer and information scientist	400	100
Postsecondary teachers, computer science	D	D
Mathematical scientist	1,000	150
Mathematical scientist	500	100
Postsecondary teachers, mathematics, statistics	500	125
Physical scientist	3,850	325
Chemists, except biochemist	1,300	200
Earth, atmospheric, ocean scientist	700	100
Physicists, astronomers	1,650	250
Postsecondary teachers, chemistry	D	D
Postsecondary teachers, physics	D	D
Postsecondary teachers, other physical science	D	D
Other physical scientist	100	50
Psychologist	750	125
Psychologist	700	125
Postsecondary teachers, psychology	D	D
Social scientist	550	100
Economist	50	25
Political scientist	D	D
Postsecondary teachers, economics	D	D
Postsecondary teachers, political science	D	D
Postsecondary teachers, sociology	D	D
Postsecondary teachers, other social sciences	50	25
Sociologist, anthropologist	200	75
Other social scientist	200	50
Engineering occupations	1,900	200
Aerospace, aeronautical, astronautical engineer	D	D
Chemical engineer	250	100
Civil, architectural, sanitary engineer	150	50
Electrical engineer	300	100
Industrial engineers	D	D
Mechanical engineer	250	75
Postsecondary teacher, engineering	50	25
Other engineer	850	125
S&E-related occupations	1,300	200
Health occupations, except postsecondary teachers and managers	750	175
Postsecondary teacher, health and related science	100	50
S&E managers, including health	150	50
S&E precollege teachers	D	D

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Occupation	Number	SE
S&E technician/ technologist	300	100
Other S&E-related occupation	D	D
Non-S&E occupations	250	75
Arts, humanities-related occupation	D	D
Management-related occupation	D	D
Non-S&E managers	D	D
Non-S&E postsecondary teachers	50	50
Non-S&E precollege/ other teachers	D	D
Sales, marketing occupation	D	D
Social service-related occupation	D	D
Other non-S&E occupation	50	50

D = suppressed to avoid disclosure of confidential information.

S&amp;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. A postdoc is a temporary position awarded in academe, industry, nonprofit organizations, or government primarily for gaining additional education and training in research. Postdoc status is reported for principal job as of survey reference date (1 February 2019). 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.