

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 |

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(Number and SE)

| Occupation | Number | SE |
|-------------------------------------|--------|-----|
| S&E precollege teachers | D | D |
| 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&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.