TABLE 18

**U.S. residing employed doctoral scientists and engineers in 4-year educational institutions, by broad field of doctorate, sex, faculty rank, and years since doctorate: 2021**

(Number and SE)

| Field of study and sex | All employed | | | | Full professor | | | | Associate professor | | | | Assistant professor | | | | Instructor or lecturer | | | | All other faculty | | | | Rank not applicable | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | < 10 | | ≥ 10 | | < 10 | | ≥ 10 | | < 10 | | ≥ 10 | | < 10 | | ≥ 10 | | < 10 | | ≥ 10 | | < 10 | | ≥ 10 | | < 10 | | ≥ 10 | |
| | Number | SE | Number | SE | Number | SE | Number | SE | Number | SE | Number | SE | Number | SE | Number | SE | Number | SE | Number | SE | Number | SE | Number | SE | Number | SE | Number | SE |
| All fields | 106,400 | 1,425 | 234,550 | 2,175 | 1,400 | 200 | 110,750 | 1,850 | 12,500 | 525 | 64,050 | 1,350 | 48,200 | 975 | 20,300 | 775 | 8,600 | 450 | 11,600 | 575 | 650 | 175 | 850 | 150 | 35,050 | 925 | 27,000 | 825 |
| Male | 57,050 | 1,125 | 147,650 | 1,925 | 800 | 175 | 77,700 | 1,625 | 6,600 | 425 | 38,450 | 1,200 | 26,250 | 800 | 10,800 | 575 | 4,200 | 350 | 6,000 | 450 | 350 | 150 | 500 | 125 | 18,900 | 675 | 14,200 | 650 |
| Female | 49,350 | 875 | 86,900 | 1,125 | 600 | 125 | 33,050 | 800 | 5,950 | 325 | 25,600 | 650 | 21,950 | 575 | 9,500 | 450 | 4,400 | 300 | 5,600 | 375 | 300 | 100 | 350 | 100 | 16,150 | 600 | 12,800 | 500 |
| Science | 81,850 | 1,225 | 190,600 | 2,000 | 900 | 150 | 88,250 | 1,475 | 9,300 | 450 | 51,050 | 1,250 | 35,750 | 825 | 16,850 | 775 | 7,250 | 400 | 10,400 | 525 | 600 | 175 | 750 | 150 | 28,100 | 775 | 23,300 | 725 |
| Male | 42,800 | 925 | 118,100 | 1,625 | 550 | 125 | 61,100 | 1,225 | 5,050 | 375 | 30,250 | 1,075 | 18,950 | 675 | 9,000 | 575 | 3,400 | 325 | 5,350 | 425 | 300 | 150 | 450 | 125 | 14,600 | 600 | 11,950 | 525 |
| Female | 39,050 | 800 | 72,450 | 1,175 | 350 | 100 | 27,150 | 750 | 4,250 | 275 | 20,800 | 650 | 16,800 | 475 | 7,800 | 425 | 3,850 | 275 | 5,050 | 350 | 300 | 100 | 250 | 75 | 13,550 | 575 | 11,400 | 500 |
| Biological, agricultural, and environmental life sciences | 29,800 | 625 | 65,650 | 1,275 | 200 | 100 | 26,150 | 825 | 1,600 | 175 | 17,250 | 700 | 9,650 | 400 | 8,350 | 475 | 2,350 | 250 | 3,450 | 325 | 400 | 125 | 150 | 75 | 15,600 | 575 | 10,350 | 525 |
| Male | 14,850 | 550 | 38,950 | 1,025 | 150 | 75 | 17,950 | 750 | 800 | 150 | 10,250 | 625 | 4,750 | 325 | 4,400 | 375 | 1,200 | 250 | 1,650 | 275 | S | S | 100 | 50 | 7,750 | 450 | 4,600 | 375 |
| Female | 15,000 | 475 | 26,700 | 750 | 50 | 25 | 8,200 | 425 | 800 | 125 | 6,950 | 400 | 4,900 | 250 | 3,950 | 275 | 1,150 | 150 | 1,800 | 225 | 200 | 75 | 50 | 25 | 7,900 | 400 | 5,700 | 400 |
| Computer and information sciences | 4,550 | 300 | 7,300 | 400 | 100 | 50 | 4,000 | 350 | 800 | 175 | 2,150 | 250 | 2,850 | 275 | 300 | 75 | 200 | 75 | 350 | 125 | D | D | D | D | 600 | 125 | 450 | 100 |
| Male | 3,200 | 300 | 5,750 | 375 | 50 | 50 | 3,250 | 350 | 550 | 175 | 1,600 | 225 | 2,050 | 250 | 250 | 75 | 100 | 50 | 250 | 125 | D | D | D | D | 400 | 100 | 350 | 100 |
| Female | 1,350 | 150 | 1,550 | 175 | D | D | 750 | 150 | 200 | 100 | 550 | 125 | 800 | 100 | S | S | 150 | 50 | 100 | 50 | D | D | D | D | 200 | 75 | 100 | 50 |
| Mathematics and statistics | 6,000 | 350 | 14,250 | 525 | D | D | 8,100 | 375 | 850 | 125 | 3,750 | 350 | 3,600 | 300 | 1,000 | 175 | 750 | 125 | 800 | 150 | D | D | D | D | 700 | 150 | 550 | 125 |
| Male | 4,350 | 300 | 10,850 | 450 | D | D | 6,550 | 350 | 550 | 125 | 2,750 | 325 | 2,750 | 300 | 550 | 125 | 600 | 125 | 550 | 125 | D | D | D | D | 350 | 100 | 400 | 125 |
| Female | 1,650 | 175 | 3,400 | 250 | D | D | 1,550 | 175 | 300 | 75 | 1,000 | 125 | 850 | 125 | 450 | 150 | 150 | 50 | 250 | 75 | D | D | D | D | 350 | 100 | 150 | 75 |
| Physical sciences, geosciences, atmospheric sciences, and ocean sciences | 13,050 | 625 | 32,800 | 850 | D | D | 15,450 | 600 | 1,050 | 200 | 7,950 | 425 | 4,550 | 325 | 2,600 | 275 | 950 | 175 | 2,000 | 225 | S | S | 150 | 75 | 6,400 | 400 | 4,700 | 325 |
| Male | 8,500 | 525 | 24,750 | 725 | D | D | 12,350 | 525 | 750 | 175 | 5,750 | 400 | 2,950 | 300 | 1,800 | 250 | 450 | 100 | 1,300 | 200 | D | D | 150 | 75 | 4,300 | 325 | 3,450 | 300 |
| Female | 4,550 | 325 | 8,050 | 400 | D | D | 3,100 | 275 | 300 | 75 | 2,200 | 200 | 1,600 | 150 | 800 | 125 | 500 | 150 | 700 | 100 | D | D | D | D | 2,100 | 250 | 1,250 | 150 |
| Psychology | 10,300 | 425 | 28,400 | 725 | 150 | 50 | 13,250 | 600 | 1,600 | 175 | 7,450 | 450 | 5,400 | 375 | 2,350 | 275 | 800 | 125 | 1,450 | 200 | D | D | 150 | 75 | 2,300 | 225 | 3,750 | 325 |
| Male | 3,100 | 275 | 12,150 | 550 | S | S | 6,800 | 450 | 600 | 100 | 3,100 | 300 | 1,550 | 225 | 650 | 125 | 200 | 75 | 400 | 100 | D | D | D | D | 750 | 125 | 1,200 | 200 |
| Female | 7,200 | 350 | 16,300 | 575 | 100 | 50 | 6,450 | 450 | 1,050 | 150 | 4,350 | 325 | 3,850 | 325 | 1,750 | 250 | 600 | 125 | 1,050 | 175 | D | D | 100 | 75 | 1,600 | 175 | 2,550 | 250 |
| Social sciences | 18,100 | 525 | 42,150 | 850 | 350 | 125 | 21,250 | 625 | 3,400 | 300 | 12,500 | 500 | 9,650 | 400 | 2,200 | 250 | 2,150 | 225 | 2,400 | 250 | 50 | 50 | 200 | 75 | 2,450 | 250 | 3,500 | 325 |
| Male | 8,800 | 400 | 25,650 | 750 | 250 | 100 | 14,200 | 525 | 1,800 | 225 | 6,800 | 425 | 4,850 | 325 | 1,400 | 225 | 850 | 150 | 1,250 | 175 | D | D | 150 | 75 | 1,050 | 175 | 1,900 | 250 |

TABLE 18

**U.S. residing employed doctoral scientists and engineers in 4-year educational institutions, by broad field of doctorate, sex, faculty rank, and years since doctorate: 2021**

(Number and SE)

| Field of study and sex | All employed | | | | Full professor | | | | Associate professor | | | | Assistant professor | | | | Instructor or lecturer | | | | All other faculty | | | | Rank not applicable | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | < 10 | | ≥ 10 | | < 10 | | ≥ 10 | | < 10 | | ≥ 10 | | < 10 | | ≥ 10 | | < 10 | | ≥ 10 | | < 10 | | ≥ 10 | | < 10 | | ≥ 10 | |
| | Number | SE | Number | SE | Number | SE | Number | SE | Number | SE | Number | SE | Number | SE | Number | SE | Number | SE | Number | SE | Number | SE | Number | SE | Number | SE | Number | SE |
| Female | 9,300 | 400 | 16,500 | 525 | S | S | 7,100 | 375 | 1,600 | 175 | 5,700 | 375 | 4,800 | 275 | 800 | 125 | 1,300 | 175 | 1,200 | 175 | D | D | 100 | 50 | 1,400 | 175 | 1,600 | 175 |
| Engineering | 15,450 | 625 | 31,400 | 900 | 250 | 100 | 17,000 | 750 | 1,600 | 225 | 8,650 | 500 | 7,500 | 450 | 2,150 | 275 | 900 | 150 | 900 | 175 | D | D | S | S | 5,200 | 350 | 2,700 | 300 |
| Male | 11,400 | 550 | 25,100 | 850 | S | S | 14,300 | 700 | 1,150 | 175 | 6,750 | 450 | 5,750 | 425 | 1,500 | 250 | 600 | 150 | 550 | 150 | D | D | D | D | 3,700 | 300 | 2,000 | 275 |
| Female | 4,050 | 275 | 6,300 | 375 | 50 | 25 | 2,700 | 275 | 450 | 125 | 1,900 | 225 | 1,750 | 200 | 600 | 150 | 300 | 75 | 350 | 75 | D | D | D | D | 1,500 | 175 | 700 | 125 |
| Health | 9,050 | 375 | 12,550 | 475 | 300 | 100 | 5,500 | 350 | 1,650 | 225 | 4,400 | 325 | 4,950 | 275 | 1,350 | 175 | 450 | 125 | 300 | 75 | D | D | D | D | 1,700 | 175 | 1,000 | 125 |
| Male | 2,850 | 225 | 4,450 | 300 | S | S | 2,300 | 225 | 400 | 75 | 1,450 | 225 | 1,550 | 200 | 300 | 75 | 200 | 100 | 100 | 75 | D | D | D | D | 600 | 125 | 300 | 100 |
| Female | 6,200 | 350 | 8,100 | 325 | 200 | 75 | 3,250 | 275 | 1,250 | 200 | 2,950 | 250 | 3,400 | 250 | 1,050 | 175 | 250 | 75 | 200 | 50 | D | D | D | D | 1,100 | 125 | 700 | 100 |

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

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. Four-year educational institutions include 4-year colleges or universities, medical schools (including university-affiliated hospitals or medical centers), and university-affiliated research institutes. 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.