

TABLE 25

U.S. residing employed doctoral scientists and engineers, by selected demographic characteristics and citizenship status: 2021

(Number and SE)

| Characteristic | All employed | | U.S. citizen | | | | | | Non-U.S. citizen | | | | | |
|-------------------------------------|--------------|-------|--------------|-------|-------------|-------|-------------|-------|------------------|-------|--------------------|-------|--------------------|-----|
| | | | Total | | Native born | | Naturalized | | Total | | Permanent resident | | Temporary resident | |
| | Number | SE | Number | SE | Number | SE | Number | SE | Number | SE | Number | SE | Number | SE |
| Doctorate recipient | 872,100 | 2,425 | 746,850 | 2,200 | 554,050 | 1,850 | 192,800 | 1,675 | 125,250 | 1,425 | 84,250 | 1,300 | 40,950 | 825 |
| Sex | | | | | | | | | | | | | | |
| Male | 543,550 | 2,350 | 457,900 | 2,200 | 325,300 | 1,650 | 132,550 | 1,575 | 85,700 | 1,275 | 57,750 | 1,200 | 27,950 | 725 |
| Female | 328,500 | 1,250 | 288,950 | 1,250 | 228,750 | 1,300 | 60,200 | 1,075 | 39,550 | 725 | 26,500 | 675 | 13,050 | 525 |
| Ethnicity | | | | | | | | | | | | | | |
| Hispanic or Latino ^a | 40,100 | 475 | 34,350 | 500 | 22,100 | 425 | 12,250 | 350 | 5,800 | 325 | 3,800 | 275 | 2,000 | 200 |
| Not Hispanic or Latino ^b | | | | | | | | | | | | | | |
| American Indian or Alaska Native | 1,400 | 125 | 1,350 | 125 | 1,250 | 125 | 50 | 50 | D | D | D | D | D | D |
| Asian | 219,800 | 1,600 | 131,550 | 1,425 | 20,750 | 650 | 110,800 | 1,450 | 88,250 | 1,200 | 56,900 | 1,050 | 31,350 | 725 |
| Black or African American | 31,800 | 475 | 28,300 | 475 | 19,100 | 450 | 9,200 | 350 | 3,500 | 250 | 2,450 | 200 | 1,100 | 150 |
| White | 562,950 | 2,075 | 536,750 | 2,150 | 478,500 | 2,050 | 58,250 | 1,075 | 26,200 | 750 | 20,200 | 700 | 6,000 | 450 |
| Other race ^c | 16,000 | 575 | 14,600 | 550 | 12,350 | 500 | 2,200 | 250 | 1,450 | 225 | 900 | 200 | 550 | 175 |
| Age | | | | | | | | | | | | | | |
| Under 35 | 99,200 | 925 | 65,450 | 850 | 58,700 | 775 | 6,750 | 425 | 33,750 | 725 | 11,500 | 525 | 22,200 | 600 |
| 35–39 | 130,150 | 1,225 | 91,900 | 1,150 | 77,000 | 925 | 14,900 | 625 | 38,200 | 850 | 26,550 | 825 | 11,650 | 525 |
| 40–44 | 127,550 | 1,400 | 104,000 | 1,200 | 74,000 | 1,025 | 30,050 | 750 | 23,550 | 775 | 19,650 | 725 | 3,850 | 375 |
| 45–49 | 111,200 | 1,250 | 96,450 | 1,250 | 63,800 | 975 | 32,650 | 825 | 14,750 | 725 | 13,150 | 675 | 1,650 | 250 |
| 50–54 | 104,550 | 1,225 | 97,700 | 1,250 | 66,700 | 1,000 | 31,000 | 825 | 6,850 | 475 | 6,050 | 475 | 750 | 175 |
| 55–59 | 98,950 | 1,375 | 95,100 | 1,350 | 63,050 | 1,050 | 32,050 | 900 | 3,850 | 375 | 3,450 | 375 | 400 | 100 |
| 60–64 | 86,450 | 1,375 | 84,150 | 1,375 | 61,200 | 1,100 | 22,950 | 750 | 2,300 | 300 | 2,050 | 275 | S | S |
| 65–75 | 114,100 | 1,575 | 112,100 | 1,575 | 89,650 | 1,450 | 22,450 | 825 | 2,000 | 275 | 1,850 | 250 | S | S |
| Years since doctorate | | | | | | | | | | | | | | |
| ≤ 5 | 141,750 | 600 | 94,650 | 700 | 83,100 | 600 | 11,550 | 425 | 47,100 | 700 | 17,650 | 575 | 29,450 | 650 |
| 6–10 | 159,000 | 975 | 116,600 | 950 | 93,900 | 975 | 22,700 | 800 | 42,400 | 875 | 33,900 | 825 | 8,500 | 525 |
| 11–15 | 137,450 | 875 | 117,400 | 1,000 | 79,100 | 900 | 38,250 | 875 | 20,100 | 725 | 18,400 | 700 | 1,700 | 250 |
| 16–20 | 108,850 | 825 | 101,500 | 900 | 67,850 | 875 | 33,600 | 775 | 7,350 | 575 | 6,900 | 550 | 450 | 150 |
| 21–25 | 104,600 | 950 | 100,650 | 950 | 68,200 | 1,000 | 32,450 | 950 | 3,950 | 375 | 3,450 | 350 | 450 | 150 |
| > 25 | 220,400 | 1,675 | 216,100 | 1,650 | 161,900 | 1,650 | 54,200 | 1,200 | 4,300 | 375 | 3,900 | 375 | 400 | 175 |
| Place of birth | | | | | | | | | | | | | | |
| United States | 547,750 | 1,750 | 546,950 | 1,725 | 545,700 | 1,725 | 1,200 | 200 | 800 | 150 | 450 | 125 | 350 | 100 |
| Asia | 229,750 | 1,750 | 132,750 | 1,575 | 3,800 | 400 | 128,950 | 1,575 | 97,000 | 1,275 | 63,650 | 1,175 | 33,400 | 775 |
| Europe ^d | 44,650 | 725 | 32,650 | 725 | 2,250 | 275 | 30,400 | 750 | 12,000 | 525 | 9,050 | 500 | 2,950 | 250 |
| North America ^e | 8,650 | 500 | 5,300 | 375 | 800 | 175 | 4,500 | 350 | 3,350 | 325 | 2,700 | 300 | 600 | 150 |
| Central America ^f | 5,800 | 325 | 4,150 | 250 | 350 | 100 | 3,800 | 225 | 1,700 | 200 | 1,200 | 175 | 450 | 100 |
| Caribbean | 3,950 | 275 | 3,250 | 250 | * | * | 3,200 | 250 | 700 | 150 | 500 | 125 | 200 | 75 |
| South America | 12,050 | 475 | 8,350 | 400 | 450 | 175 | 7,900 | 350 | 3,700 | 250 | 2,350 | 200 | 1,350 | 150 |
| Africa | 16,150 | 450 | 11,650 | 400 | 550 | 175 | 11,100 | 375 | 4,500 | 325 | 3,250 | 275 | 1,250 | 175 |
| Oceania | 2,200 | 250 | 1,300 | 200 | 100 | 50 | 1,200 | 200 | 900 | 175 | 750 | 150 | D | D |
| Unknown | 1,150 | 250 | 550 | 175 | D | D | 500 | 175 | 600 | 175 | 400 | 150 | 200 | 125 |

* = suppressed when population estimate < 25. D = suppressed to avoid disclosure of confidential information. S = suppressed for reliability; coefficient of variation exceeds publication standards.

SE = standard error.

^a Hispanic or Latino may be of any race.

^b American Indian or Alaska Native, Asian, Black or African American, and White are single race.

^c Other race includes Native Hawaiian or Other Pacific Islander and persons reporting more than one race who are not of Hispanic or Latino ethnicity.

^d Includes Russia.

^e Excludes United States.

^f Includes Mexico.

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. 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.