

Table 2**Postdoctoral appointments, by citizenship, sex, race, and ethnicity: 2018–22**

(Number and percent change)

| Characteristic | 2018 | 2019 | 2020 | 2021 | 2022 | % change 2018–22 | % change 2021–22 |
|--|--------|--------|--------|--------|--------|---------------------|---------------------|
| All surveyed fields | 64,783 | 66,247 | 65,681 | 63,328 | 62,750 | -3.1 | -0.9 |
| U.S. citizens and permanent residents ^a | 29,622 | 29,452 | 29,890 | 29,755 | 27,289 | -7.9 | -8.3 |
| Male | 15,934 | 15,570 | 15,579 | 15,480 | 14,247 | -10.6 | -8.0 |
| Female | 13,688 | 13,882 | 14,311 | 14,275 | 13,042 | -4.7 | -8.6 |
| Hispanic or Latino | 1,856 | 1,924 | 2,027 | 2,142 | 2,192 | 18.1 | 2.3 |
| Not Hispanic or Latino | | | | | | | |
| American Indian or Alaska Native | 81 | 69 | 72 | 80 | 92 | 13.6 | 15.0 |
| Asian | 6,020 | 5,891 | 5,696 | 6,014 | 5,286 | -12.2 | -12.1 |
| Black or African American | 1,104 | 1,088 | 1,081 | 1,138 | 1,141 | 3.4 | 0.3 |
| Native Hawaiian or Other Pacific Islander | 55 | 52 | 52 | 40 | 34 | -38.2 | -15.0 |
| White | 17,232 | 16,972 | 17,123 | 16,369 | 15,221 | -11.7 | -7.0 |
| More than one race | 506 | 519 | 555 | 687 | 638 | 26.1 | -7.1 |
| Unknown race and ethnicity | 2,768 | 2,937 | 3,284 | 3,285 | 2,685 | -3.0 | -18.3 |
| Temporary visa holders | 35,161 | 36,795 | 35,791 | 33,573 | 35,461 | 0.9 | 5.6 |
| Male | 22,727 | 23,603 | 22,660 | 21,040 | 21,791 | -4.1 | 3.6 |
| Female | 12,434 | 13,192 | 13,131 | 12,533 | 13,670 | 9.9 | 9.1 |

^a Race and ethnicity data are available for U.S. citizens and permanent residents only.**Source(s):**

National Center for Science and Engineering Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering.