

**Table 4****Postdoctoral appointees, by citizenship, sex, ethnicity, and race: 2017–21**

(Number and percent change)

| Characteristic                                     | 2017   | 2018   | 2019   | 2020   | 2021   | Percent change |         |
|--|--------|--------|--------|--------|--------|----------------|---------|
|  |        |        |        |        |        | 2017–21        | 2020–21 |
| All surveyed fields                                | 64,733 | 64,783 | 66,247 | 65,681 | 63,296 | -2.2           | -3.6    |
| U.S. citizens and permanent residents <sup>a</sup> | 30,110 | 29,622 | 29,452 | 29,890 | 29,998 | -0.4           | 0.4     |
| Male   | 16,378 | 15,934 | 15,570 | 15,579 | 15,623 | -4.6           | 0.3     |
| Female   | 13,732 | 13,688 | 13,882 | 14,311 | 14,375 | 4.7            | 0.4     |
| Hispanic or Latino                                 | 1,659  | 1,856  | 1,924  | 2,027  | 2,142  | 29.1           | 5.7     |
| Not Hispanic or Latino                             |        |        |        |        |        |                |         |
| American Indian or Alaska Native                   | 125    | 81     | 69     | 72     | 80     | -36.0          | 11.1    |
| Asian  | 6,045  | 6,020  | 5,891  | 5,696  | 6,152  | 1.8            | 8.0     |
| Black or African American                          | 1,019  | 1,104  | 1,088  | 1,081  | 1,152  | 13.1           | 6.6     |
| Native Hawaiian or Other Pacific Islander          | 112    | 55     | 52     | 52     | 38     | -66.1          | -26.9   |
| White  | 17,313 | 17,232 | 16,972 | 17,123 | 16,422 | -5.1           | -4.1    |
| More than one race                                 | 730    | 506    | 519    | 555    | 695    | -4.8           | 25.2    |
| Unknown race and ethnicity                         | 3,107  | 2,768  | 2,937  | 3,284  | 3,317  | 6.8            | 1.0     |
| Temporary visa holders                             | 34,623 | 35,161 | 36,795 | 35,791 | 33,298 | -3.8           | -7.0    |
| Male   | 22,492 | 22,727 | 23,603 | 22,660 | 20,877 | -7.2           | -7.9    |
| Female   | 12,131 | 12,434 | 13,192 | 13,131 | 12,421 | 2.4            | -5.4    |

<sup>a</sup> 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.