

TABLE 1-10

## Female research doctorate recipients, by ethnicity, race, and citizenship status: 2013–23

(Number)

| Ethnicity, race, and citizenship status | 2013   | 2014   | 2015   | 2016   | 2017   | 2018   | 2019   | 2020   | 2021   | 2022   | 2023   |
|---|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Female doctorate recipients             | 24,365 | 24,813 | 25,347 | 25,222 | 25,086 | 25,308 | 25,484 | 25,353 | 24,105 | 26,986 | 27,499 |
| U.S. citizen or permanent resident      | 17,414 | 17,343 | 17,853 | 18,147 | 18,171 | 18,036 | 17,959 | 17,689 | 16,555 | 18,446 | 18,893 |
| Temporary visa holder                   | 5,571  | 5,633  | 5,734  | 5,805  | 5,686  | 6,274  | 6,556  | 6,605  | 6,293  | 7,261  | 7,198  |
| Unknown citizenship                     | 1,380  | 1,837  | 1,760  | 1,270  | 1,229  | 998    | 969    | 1,059  | 1,257  | 1,279  | 1,408  |
| Hispanic or Latino                      | 1,550  | 1,559  | 1,664  | 1,806  | 1,762  | 1,726  | 1,989  | 2,061  | 2,021  | 2,324  | 2,432  |
| U.S. citizen or permanent resident      | 1,230  | 1,191  | 1,330  | 1,414  | 1,385  | 1,375  | 1,542  | 1,584  | 1,585  | 1,835  | 1,900  |
| Temporary visa holder                   | 309    | 364    | 330    | 386    | 363    | 350    | 440    | 475    | 426    | 488    | 519    |
| Unknown citizenship                     | 11     | 4      | 4      | 6      | 14     | 1      | 7      | 2      | 10     | 1      | 13     |
| Not Hispanic or Latino                  |        |        |        |        |        |        |        |        |        |        |        |
| American Indian or Alaska Native        | 64     | 55     | 77     | 73     | 62     | 72     | 66     | 61     | 65     | 62     | 78     |
| U.S. citizen or permanent resident      | 63     | 54     | 73     | 71     | 61     | 72     | 63     | 58     | 62     | 59     | 76     |
| Temporary visa holder <sup>a</sup>      | D      | D      | D      | D      | D      | 0      | D      | D      | D      | D      | D      |
| Unknown citizenship                     | D      | D      | D      | D      | D      | 0      | D      | D      | D      | D      | D      |
| Asian                                   | 5,392  | 5,465  | 5,598  | 5,513  | 5,590  | 5,899  | 5,999  | 5,899  | 5,686  | 6,605  | 6,730  |
| U.S. citizen or permanent resident      | 1,628  | 1,638  | 1,713  | 1,652  | 1,843  | 1,740  | 1,792  | 1,680  | 1,583  | 1,866  | 1,983  |
| Temporary visa holder                   | 3,753  | 3,820  | 3,874  | 3,849  | 3,733  | 4,149  | 4,186  | 4,206  | 4,095  | 4,732  | 4,731  |
| Unknown citizenship                     | 11     | 7      | 11     | 12     | 14     | 10     | 21     | 13     | 8      | 7      | 16     |
| Black or African American               | 1,554  | 1,503  | 1,660  | 1,661  | 1,745  | 1,726  | 1,831  | 1,773  | 1,821  | 1,961  | 1,998  |
| U.S. citizen or permanent resident      | 1,371  | 1,351  | 1,468  | 1,495  | 1,549  | 1,526  | 1,619  | 1,536  | 1,574  | 1,691  | 1,718  |
| Temporary visa holder                   | 182    | 148    | 187    | 161    | 182    | 197    | 205    | 229    | 237    | 269    | 278    |
| Unknown citizenship                     | 1      | 4      | 5      | 5      | 14     | 3      | 7      | 8      | 10     | 1      | 2      |
| White                                   | 13,263 | 13,323 | 13,518 | 13,611 | 13,397 | 13,571 | 13,189 | 13,201 | 11,889 | 13,159 | 13,119 |
| U.S. citizen or permanent resident      | 12,167 | 12,239 | 12,397 | 12,469 | 12,177 | 12,316 | 11,845 | 11,841 | 10,708 | 11,841 | 11,945 |
| Temporary visa holder                   | 1,065  | 1,065  | 1,079  | 1,121  | 1,182  | 1,235  | 1,293  | 1,336  | 1,159  | 1,311  | 1,159  |
| Unknown citizenship                     | 31     | 19     | 42     | 21     | 38     | 20     | 51     | 24     | 22     | 7      | 15     |
| More than one race                      | 497    | 488    | 535    | 605    | 593    | 655    | 678    | 644    | 653    | 704    | 771    |
| U.S. citizen or permanent resident      | 470    | 468    | 509    | 578    | 553    | 615    | 626    | 604    | 604    | 648    | 721    |
| Temporary visa holder                   | 27     | 20     | 25     | 27     | D      | 40     | D      | D      | D      | D      | D      |
| Unknown citizenship                     | 0      | 0      | 1      | 0      | D      | 0      | D      | D      | D      | D      | D      |
| Other race or race not reported         | 204    | 162    | 167    | 192    | 312    | 333    | 373    | 353    | 366    | 387    | 441    |
| U.S. citizen or permanent resident      | 131    | 110    | 97     | 123    | 202    | 156    | 174    | 178    | 173    | 196    | 221    |
| Temporary visa holder                   | D      | D      | D      | D      | 88     | 171    | 177    | 161    | 166    | 188    | 214    |
| Unknown citizenship                     | D      | D      | D      | D      | 22     | 6      | 22     | 14     | 27     | 3      | 6      |
| Ethnicity not reported                  | 1,841  | 2,258  | 2,128  | 1,761  | 1,625  | 1,326  | 1,359  | 1,361  | 1,604  | 1,784  | 1,930  |
| U.S. citizen or permanent resident      | 354    | 292    | 266    | 345    | 401    | 236    | 298    | 208    | 266    | 310    | 329    |
| Temporary visa holder                   | 175    | 172    | 183    | 203    | 99     | 132    | 200    | 155    | 158    | 214    | 245    |

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|---|-------|-------|-------|-------|-------|------|------|------|-------|-------|-------|
| Unknown citizenship                     | 1,312 | 1,794 | 1,679 | 1,213 | 1,125 | 958  | 861  | 998  | 1,180 | 1,260 | 1,356 |

D = suppressed to avoid disclosure of confidential information.

<sup>a</sup> In most cases, non-U.S. American Indians are citizens of Canada or of a Latin American country.**Source(s):**

National Center for Science and Engineering Statistics, Survey of Earned Doctorates.