

TABLE 4-6a

Agricultural sciences master's and doctoral student demographics, enrollment status, and funding: 2019

(Number and percent)

| Characteristic | All graduate students | | Master's students | | Doctoral students | |
|--|-----------------------|---------|-------------------|---------|-------------------|---------|
| | Number | Percent | Number | Percent | Number | Percent |
| Institutions | 88 | 12.3 | 88 | 12.3 | 54 | 7.6 |
| Schools | 88 | 10.9 | 88 | 10.9 | 54 | 6.7 |
| Units | 291 | 1.4 | 268 | 1.3 | 185 | 0.9 |
| All graduate students | 9,518 | 100.0 | 5,629 | 100.0 | 3,889 | 100.0 |
| Male | 4,231 | 44.5 | 2,373 | 42.2 | 1,858 | 47.8 |
| Female | 5,287 | 55.5 | 3,256 | 57.8 | 2,031 | 52.2 |
| U.S. citizens and permanent residents ^a | 6,651 | 69.9 | 4,576 | 81.3 | 2,075 | 53.4 |
| Hispanic or Latino | 636 | 6.7 | 470 | 8.3 | 166 | 4.3 |
| Not Hispanic or Latino | | | | | | |
| American Indian or Alaska Native | 33 | 0.3 | 23 | 0.4 | 10 | 0.3 |
| Asian | 267 | 2.8 | 160 | 2.8 | 107 | 2.8 |
| Black or African American | 329 | 3.5 | 227 | 4.0 | 102 | 2.6 |
| Native Hawaiian or Other Pacific Islander | 16 | 0.2 | 14 | 0.2 | 2 | 0.1 |
| White | 5,003 | 52.6 | 3,425 | 60.8 | 1,578 | 40.6 |
| More than one race | 186 | 2.0 | 134 | 2.4 | 52 | 1.3 |
| Unknown ethnicity and race | 181 | 1.9 | 123 | 2.2 | 58 | 1.5 |
| Temporary visa holders | 2,867 | 30.1 | 1,053 | 18.7 | 1,814 | 46.6 |
| Part time | 2,769 | 29.1 | 2,125 | 37.8 | 644 | 16.6 |
| Full time | 6,749 | 70.9 | 3,504 | 62.2 | 3,245 | 83.4 |
| First time | 1,699 | 17.9 | 1,230 | 21.9 | 469 | 12.1 |
| Primary source of support for full-time students ^b | | | | | | |
| Federal | 1,280 | 13.4 | 537 | 9.5 | 743 | 19.1 |
| DOD | 9 | 0.1 | 4 | 0.1 | 5 | 0.1 |
| DOE | 28 | 0.3 | 8 | 0.1 | 20 | 0.5 |
| HHS | 120 | 1.3 | 39 | 0.7 | 81 | 2.1 |
| NIH | 45 | 0.5 | 8 | 0.1 | 37 | 1.0 |
| Other HHS | 75 | 0.8 | 31 | 0.6 | 44 | 1.1 |
| NASA | 3 | * | 0 | 0.0 | 3 | 0.1 |
| NSF | 120 | 1.3 | 31 | 0.6 | 89 | 2.3 |
| USDA | 808 | 8.5 | 359 | 6.4 | 449 | 11.5 |
| Other | 192 | 2.0 | 96 | 1.7 | 96 | 2.5 |
| Nonfederal | 4,306 | 45.2 | 2,094 | 37.2 | 2,212 | 56.9 |
| Institutional | 3,424 | 36.0 | 1,650 | 29.3 | 1,774 | 45.6 |
| Domestic | 795 | 8.4 | 401 | 7.1 | 394 | 10.1 |
| Foreign | 87 | 0.9 | 43 | 0.8 | 44 | 1.1 |
| Self-support | 1,163 | 12.2 | 873 | 15.5 | 290 | 7.5 |
| Primary mechanism of support for full-time students ^b | | | | | | |
| Fellowships | 366 | 3.8 | 107 | 1.9 | 259 | 6.7 |
| Research assistantships | 3,850 | 40.4 | 1,816 | 32.3 | 2,034 | 52.3 |
| Teaching assistantships | 968 | 10.2 | 484 | 8.6 | 484 | 12.4 |
| Traineeships | 35 | 0.4 | 9 | 0.2 | 26 | 0.7 |
| Other types of support | 1,530 | 16.1 | 1,088 | 19.3 | 442 | 11.4 |
| Self-support | 1,163 | 12.2 | 873 | 15.5 | 290 | 7.5 |
| Other | 367 | 3.9 | 215 | 3.8 | 152 | 3.9 |

* = value < 0.05%.

DOD = Department of Defense; DOE = Department of Energy; HHS = Department of Health and Human Services; NASA = National Aeronautics and Space Administration; NIH = National Institutes of Health; NSF = National Science Foundation; USDA = Department of Agriculture.

^a Ethnicity and race data are available only for U.S. citizens and permanent residents.^b Funding data are available only for full-time students.

Note(s):

Percentages may not add to total because of rounding.

Source(s):

National Center for Science and Engineering Statistics, Survey of Graduate Students and Postdoctorates in Science and Engineering, 2019.