



APPENDIX TABLE 2-13

Full-time S&E graduate students primarily supported by federal government, by field and agency: 2015

(Number and percent)

| Field | All federal | | National Institutes of Health | | Department of Health and Human Services (excluding NIH) | | National Science Foundation | | Department of Defense | | Department of Agriculture | | National Aeronautics and Space Administration | | Department of Energy | | Other federal agencies | |
|-----------------------|-------------|---------|-------------------------------|---------|---|---------|-----------------------------|---------|-----------------------|---------|---------------------------|---------|---|---------|----------------------|---------|------------------------|---------|
| | Total | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| S&E | 72,075 | 100.0 | 20,589 | 29 | 1,697 | 2 | 22,861 | 32 | 8,103 | 11 | 2,626 | 4 | 2,035 | 3 | 4,308 | 6 | 9,856 | 14 |
| Engineering | 22,276 | 100.0 | 2,529 | 11 | 186 | 1 | 8,599 | 39 | 4,414 | 20 | 273 | 1 | 852 | 4 | 2,094 | 9 | 3,329 | 15 |
| Aerospace | 1,146 | 100.0 | 3 | 0 | 0 | 0 | 170 | 15 | 538 | 47 | 0 | 0 | 314 | 27 | 51 | 5 | 70 | 6 |
| Chemical | 2,127 | 100.0 | 244 | 12 | 24 | 1 | 1,019 | 48 | 195 | 9 | 48 | 2 | 31 | 2 | 372 | 18 | 194 | 9 |
| Civil | 2,066 | 100.0 | 30 | 2 | 7 | 0 | 753 | 36 | 166 | 8 | 31 | 2 | 55 | 3 | 106 | 5 | 918 | 44 |
| Electrical | 6,045 | 100.0 | 327 | 5 | 20 | 0 | 2,957 | 49 | 1,625 | 27 | 13 | 0 | 161 | 3 | 279 | 5 | 663 | 11 |
| Industrial | 873 | 100.0 | 75 | 9 | 17 | 2 | 272 | 31 | 266 | 31 | 3 | 0 | 20 | 2 | 47 | 5 | 173 | 20 |
| Materials | 2,026 | 100.0 | 69 | 3 | 9 | 0 | 875 | 43 | 457 | 23 | 14 | 1 | 28 | 1 | 348 | 17 | 226 | 11 |
| Mechanical | 3,376 | 100.0 | 176 | 5 | 31 | 1 | 1,393 | 41 | 754 | 22 | 19 | 1 | 179 | 5 | 343 | 10 | 481 | 14 |
| Other | 4,617 | 100.0 | 1,605 | 35 | 78 | 2 | 1,160 | 25 | 413 | 9 | 145 | 3 | 64 | 1 | 548 | 12 | 604 | 13 |
| Science | 49,799 | 100.0 | 18,060 | 36 | 1,511 | 3 | 14,262 | 29 | 3,689 | 7 | 2,353 | 5 | 1,183 | 2 | 2,214 | 4 | 6,527 | 13 |
| Natural sciences | 43,846 | 100.0 | 16,641 | 38 | 1,264 | 3 | 12,746 | 29 | 2,995 | 7 | 2,113 | 5 | 1,121 | 3 | 2,178 | 5 | 4,788 | 11 |
| Agricultural sciences | 2,377 | 100.0 | 43 | 2 | 8 | 0 | 350 | 15 | 53 | 2 | 1,132 | 48 | 38 | 2 | 47 | 2 | 706 | 30 |



| Field | All federal | | National Institutes of Health | | Department of Health and Human Services (excluding NIH) | | National Science Foundation | | Department of Defense | | Department of Agriculture | | National Aeronautics and Space Administration | | Department of Energy | | Other federal agencies | |
|--|-------------|---------|-------------------------------|---------|---|---------|-----------------------------|---------|-----------------------|---------|---------------------------|---------|---|---------|----------------------|---------|------------------------|---------|
| | Total | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Biological sciences ^a | 18,526 | 100.0 | 12,930 | 70 | 633 | 3 | 2,602 | 14 | 342 | 2 | 767 | 4 | 66 | 0 | 124 | 1 | 1,062 | 6 |
| Earth, atmospheric, and ocean sciences | 2,974 | 100.0 | 17 | 1 | 1 | 0 | 1,517 | 51 | 146 | 5 | 51 | 2 | 476 | 16 | 132 | 4 | 634 | 21 |
| Atmospheric sciences | 610 | 100.0 | 0 | 0 | 0 | 0 | 232 | 38 | 33 | 5 | 5 | 1 | 147 | 24 | 48 | 8 | 145 | 24 |
| Earth sciences | 1,412 | 100.0 | 5 | 0 | 1 | 0 | 822 | 58 | 26 | 2 | 18 | 1 | 251 | 18 | 69 | 5 | 220 | 16 |
| Oceanography | 591 | 100.0 | 4 | 1 | 0 | 0 | 296 | 50 | 52 | 9 | 11 | 2 | 43 | 7 | 7 | 1 | 178 | 30 |
| Other geosciences | 361 | 100.0 | 8 | 2 | 0 | 0 | 167 | 46 | 35 | 10 | 17 | 5 | 35 | 10 | 8 | 2 | 91 | 25 |
| Mathematics and computer sciences | 7,058 | 100.0 | 433 | 6 | 42 | 1 | 4,077 | 58 | 1,387 | 20 | 42 | 1 | 50 | 1 | 168 | 2 | 859 | 12 |
| Computer sciences | 5,664 | 100.0 | 269 | 5 | 32 | 1 | 3,235 | 57 | 1,228 | 22 | 32 | 1 | 37 | 1 | 119 | 2 | 712 | 13 |
| Mathematics and statistics | 1,394 | 100.0 | 164 | 12 | 10 | 1 | 842 | 60 | 159 | 11 | 10 | 1 | 13 | 1 | 49 | 4 | 147 | 11 |
| Medical and other health sciences | 3,147 | 100.0 | 1,614 | 51 | 472 | 15 | 116 | 4 | 206 | 7 | 82 | 3 | 5 | 0 | 6 | 0 | 646 | 21 |
| Medical sciences | 2,147 | 100.0 | 1,224 | 57 | 346 | 16 | 94 | 4 | 177 | 8 | 75 | 4 | 5 | 0 | 3 | 0 | 223 | 10 |
| Other health sciences | 1,000 | 100.0 | 390 | 39 | 126 | 13 | 22 | 2 | 29 | 3 | 7 | 1 | 0 | 0 | 3 | 0 | 423 | 42 |
| Physical sciences | 9,764 | 100.0 | 1,604 | 16 | 108 | 1 | 4,084 | 42 | 861 | 9 | 39 | 0 | 486 | 5 | 1,701 | 17 | 881 | 9 |
| Astronomy | 453 | 100.0 | 1 | 0 | 0 | 0 | 209 | 46 | 5 | 1 | 0 | 0 | 147 | 33 | 58 | 13 | 33 | 7 |
| Chemistry | 4,939 | 100.0 | 1,410 | 29 | 89 | 2 | 2,049 | 42 | 331 | 7 | 21 | 0 | 55 | 1 | 555 | 11 | 429 | 9 |
| Physics | 4,281 | 100.0 | 167 | 4 | 11 | 0 | 1,807 | 42 | 506 | 12 | 18 | 0 | 277 | 7 | 1,084 | 25 | 411 | 10 |



| Field | All federal | | National Institutes of Health | | Department of Health and Human Services (excluding NIH) | | National Science Foundation | | Department of Defense | | Department of Agriculture | | National Aeronautics and Space Administration | | Department of Energy | | Other federal agencies | |
|---|-------------|---------|-------------------------------|---------|---|---------|-----------------------------|---------|-----------------------|---------|---------------------------|---------|---|---------|----------------------|---------|------------------------|---------|
| | Total | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Other physical sciences | 91 | 100.0 | 26 | 28.6 | 8 | 9 | 19 | 21 | 19 | 21 | 0 | 0 | 7 | 8 | 4 | 4 | 8 | 9 |
| Social and behavioral sciences | 5,247 | 100.0 | 1,141 | 22 | 238 | 5 | 1,348 | 26 | 646 | 12 | 215 | 4 | 42 | 1 | 17 | 0 | 1,600 | 31 |
| Psychology | 2,540 | 100.0 | 903 | 36 | 142 | 6 | 544 | 21 | 421 | 17 | 2 | 0 | 7 | 0 | 3 | 0 | 518 | 20 |
| Social sciences | 2,707 | 100.0 | 238 | 9 | 96 | 4 | 804 | 30 | 225 | 8 | 213 | 8 | 35 | 1 | 14 | 1 | 1,082 | 40 |
| Anthropology | 283 | 100.0 | 8 | 3 | 3 | 1 | 164 | 58 | 5 | 2 | 9 | 3 | 0 | 0.0 | 1 | 0 | 93 | 33 |
| Economics | 532 | 100.0 | 37 | 7 | 6 | 1 | 120 | 23 | 11 | 2 | 169 | 32 | 0 | 0.0 | 7 | 1 | 182 | 34 |
| History of science | 5 | 100.0 | 1 | 20 | 0 | 0 | 3 | 60 | 0 | 0 | 0 | 0 | 0 | 0.0 | 0 | 0 | 1 | 20 |
| Linguistics | 112 | 100.0 | 8 | 7 | 0 | 0 | 64 | 57 | 8 | 7 | 0 | 0 | 0 | 0.0 | 0 | 0 | 32 | 29 |
| Political science and public administration | 829 | 100.0 | 66 | 8 | 71 | 9 | 142 | 17 | 153 | 19 | 6 | 1 | 1 | 0.1 | 3 | 0 | 387 | 47 |
| Sociology | 344 | 100.0 | 92 | 27 | 8 | 2 | 157 | 46 | 13 | 4 | 15 | 4 | 0 | 0.0 | 0 | 0 | 59 | 17 |
| Other social sciences | 602 | 100.0 | 26 | 4 | 8 | 1 | 154 | 26 | 6 | * | 14 | 2 | 34 | 5.6 | 3 | 1 | 328 | 55 |
| Multidisciplinary and interdisciplinary studies | 706 | 100.0 | 278 | 39 | 9 | 1 | 168 | 24 | 48 | 7 | 25 | 4 | 20 | 3 | 19 | 3 | 139 | 20 |

* = less than .05.

^a Includes neuroscience.

Note(s)



S&E includes health fields (medical sciences and other health sciences) and excludes newly eligible fields (architecture, communication, and family and consumer sciences and human sciences) added starting in 2007. Therefore, the S&E numbers in this table differ from the data used in National Science Foundation (NSF), National Center for Science and Engineering Statistics (NCSES), Survey of Graduate Students and Postdoctorates in Science and Engineering (annual series), and elsewhere. Percentages may not add to 100% because of rounding.

Source(s)

NSF, NCSES, special tabulations (2016), 2015 Survey of Graduate Students and Postdoctorates in Science and Engineering.

Science and Engineering Indicators 2018