

TABLE 5. Doctoral scientists and engineers, by field of doctorate and sex: 2003

| Field | Total | Male | Female | Total | Male | Female |
|---|---------|---------|---------|---------|------|--------|
| | Number | | | Percent | | |
| All fields | 685,300 | 501,180 | 184,120 | 100.0 | 73.1 | 26.9 |
| Science | 542,240 | 383,170 | 159,070 | 100.0 | 70.7 | 29.3 |
| Biological, agricultural, and environmental life sciences | 168,780 | 117,330 | 51,460 | 100.0 | 69.5 | 30.5 |
| Agricultural/food sciences | 20,070 | 16,600 | 3,470 | 100.0 | 82.7 | 17.3 |
| Biochemistry/biophysics | 27,000 | 19,030 | 7,970 | 100.0 | 70.5 | 29.5 |
| Cell/molecular biology | 16,530 | 9,280 | 7,250 | 100.0 | 56.1 | 43.9 |
| Environmental life sciences | 6,590 | 5,490 | 1,100 | 100.0 | 83.4 | 16.6 |
| Microbiology | 13,290 | 8,830 | 4,460 | 100.0 | 66.5 | 33.5 |
| Zoology | 14,990 | 11,770 | 3,210 | 100.0 | 78.6 | 21.4 |
| Other biological sciences | 70,330 | 46,320 | 24,000 | 100.0 | 65.9 | 34.1 |
| Computer and information sciences | 12,680 | 10,570 | 2,110 | 100.0 | 83.3 | 16.7 |
| Mathematics and statistics | 33,510 | 28,060 | 5,450 | 100.0 | 83.7 | 16.3 |
| Physical sciences | 134,400 | 114,790 | 19,620 | 100.0 | 85.4 | 14.6 |
| Astronomy/astrophysics | 4,280 | 3,600 | 680 | 100.0 | 84.2 | 15.8 |
| Chemistry, except biochemistry | 69,460 | 56,860 | 12,600 | 100.0 | 81.9 | 18.1 |
| Earth/atmospheric/ocean sciences | 20,220 | 17,050 | 3,170 | 100.0 | 84.3 | 15.7 |
| Physics | 40,440 | 37,280 | 3,160 | 100.0 | 92.2 | 7.8 |
| Psychology | 102,280 | 51,110 | 51,170 | 100.0 | 50.0 | 50.0 |
| Social sciences | 90,580 | 61,320 | 29,260 | 100.0 | 67.7 | 32.3 |
| Economics | 25,440 | 20,780 | 4,660 | 100.0 | 81.7 | 18.3 |
| Political sciences | 20,520 | 15,240 | 5,280 | 100.0 | 74.3 | 25.7 |
| Sociology | 16,810 | 9,590 | 7,220 | 100.0 | 57.1 | 42.9 |
| Other social sciences | 27,810 | 15,700 | 12,100 | 100.0 | 56.5 | 43.5 |
| Engineering | 117,200 | 107,210 | 10,000 | 100.0 | 91.5 | 8.5 |
| Aerospace/aeronautical/astronautical engineering | 4,960 | 4,700 | 260 | 100.0 | 94.8 | 5.2 |
| Chemical engineering | 16,320 | 14,660 | 1,650 | 100.0 | 89.9 | 10.1 |
| Civil engineering | 10,490 | 9,740 | 750 | 100.0 | 92.8 | 7.2 |
| Electrical/computer engineering | 32,000 | 29,780 | 2,220 | 100.0 | 93.1 | 6.9 |
| Materials/metallurgical engineering | 12,300 | 10,820 | 1,490 | 100.0 | 87.9 | 12.1 |
| Mechanical engineering | 15,900 | 15,010 | 880 | 100.0 | 94.4 | 5.6 |
| Other engineering | 25,230 | 22,490 | 2,750 | 100.0 | 89.1 | 10.9 |
| Health | 25,850 | 10,800 | 15,060 | 100.0 | 41.8 | 58.2 |

NOTES: Numbers are rounded to nearest 10. Detail may not add to total because of rounding.

SOURCE: National Science Foundation/Division of Science Resources Statistics, 2003 Survey of Doctorate Recipients.