

**Table 9. Full-time graduate science, engineering, and health students with other types of support in doctorate-granting institutions, by department and primary source of support: 1999**

| Field                                          | Total   | Dept. of Defense | NIH | Other HHS | NSF | Other Federal | Institutional support | Foreign sources | Other U.S. sources | Self support |
|------------------------------------------------|---------|------------------|-----|-----------|-----|---------------|-----------------------|-----------------|--------------------|--------------|
| Total, all departments .....                   | 112,626 | 1,698            | 523 | 308       | 123 | 1,712         | 11,607                | 1,448           | 3,522              | 91,685       |
| Biological sciences, total .....               | 7,941   | 16               | 322 | 34        | 13  | 128           | 969                   | 145             | 296                | 6,018        |
| Anatomy .....                                  | 196     | 2                | 8   | 0         | 0   | 0             | 30                    | 2               | 3                  | 151          |
| Biochemistry .....                             | 434     | 0                | 41  | 4         | 3   | 8             | 87                    | 25              | 11                 | 255          |
| Biology .....                                  | 1,499   | 1                | 5   | 1         | 4   | 29            | 148                   | 19              | 60                 | 1,232        |
| Biometry/epidemiology .....                    | 1,226   | 1                | 19  | 22        | 0   | 10            | 153                   | 23              | 54                 | 944          |
| Biophysics .....                               | 59      | 0                | 8   | 0         | 2   | 0             | 11                    | 2               | 14                 | 22           |
| Botany .....                                   | 216     | 0                | 0   | 0         | 0   | 9             | 22                    | 6               | 13                 | 166          |
| Cell biology .....                             | 274     | 0                | 12  | 0         | 0   | 3             | 39                    | 2               | 9                  | 209          |
| Ecology .....                                  | 155     | 0                | 0   | 0         | 1   | 7             | 13                    | 4               | 13                 | 117          |
| Entomology/parasitology .....                  | 146     | 0                | 0   | 0         | 1   | 6             | 11                    | 16              | 4                  | 108          |
| Genetics .....                                 | 207     | 1                | 12  | 3         | 0   | 1             | 21                    | 0               | 7                  | 162          |
| Microbiology .....                             | 554     | 6                | 90  | 0         | 2   | 8             | 113                   | 19              | 33                 | 283          |
| Nutrition .....                                | 1,021   | 2                | 2   | 0         | 0   | 12            | 63                    | 13              | 28                 | 901          |
| Pathology .....                                | 425     | 1                | 29  | 4         | 0   | 3             | 72                    | 6               | 2                  | 308          |
| Pharmacology .....                             | 263     | 2                | 74  | 0         | 0   | 0             | 31                    | 1               | 6                  | 149          |
| Physiology .....                               | 587     | 0                | 16  | 0         | 0   | 2             | 61                    | 7               | 25                 | 476          |
| Zoology .....                                  | 120     | 0                | 0   | 0         | 0   | 19            | 7                     | 0               | 6                  | 88           |
| Biosciences, n.e.c. ....                       | 559     | 0                | 6   | 0         | 0   | 11            | 87                    | 0               | 8                  | 447          |
| Health sciences, total .....                   | 28,256  | 252              | 119 | 196       | 8   | 474           | 2,787                 | 162             | 654                | 23,604       |
| Clinical medicine, total .....                 | 6,257   | 38               | 64  | 110       | 5   | 117           | 392                   | 38              | 237                | 5,256        |
| Anesthesiology .....                           | 382     | 6                | 0   | 0         | 0   | 0             | 0                     | 0               | 11                 | 365          |
| Cancer/oncology .....                          | 26      | 0                | 10  | 0         | 0   | 1             | 10                    | 0               | 3                  | 2            |
| Cardiology .....                               | 3       | 0                | 1   | 0         | 0   | 0             | 2                     | 0               | 0                  | 0            |
| Endocrinology .....                            | 6       | 0                | 0   | 0         | 1   | 0             | 0                     | 0               | 1                  | 4            |
| Gastroenterology .....                         | 0       | 0                | 0   | 0         | 0   | 0             | 0                     | 0               | 0                  | 0            |
| Hematology .....                               | 0       | 0                | 0   | 0         | 0   | 0             | 0                     | 0               | 0                  | 0            |
| Neurology .....                                | 106     | 0                | 12  | 0         | 1   | 8             | 18                    | 0               | 17                 | 50           |
| Obstetrics/gynecology .....                    | 0       | 0                | 0   | 0         | 0   | 0             | 0                     | 0               | 0                  | 0            |
| Ophthalmology .....                            | 7       | 0                | 3   | 0         | 3   | 0             | 0                     | 0               | 0                  | 1            |
| Otorhinolaryngology .....                      | 2       | 0                | 2   | 0         | 0   | 0             | 0                     | 0               | 0                  | 0            |
| Pediatrics/child health .....                  | 181     | 0                | 0   | 0         | 0   | 0             | 16                    | 1               | 0                  | 164          |
| Preventive medicine/<br>community health ..... | 4,862   | 31               | 36  | 110       | 0   | 94            | 290                   | 32              | 193                | 4,076        |
| Psychiatry .....                               | 31      | 1                | 0   | 0         | 0   | 0             | 6                     | 0               | 0                  | 24           |
| Pulmonary disease .....                        | 0       | 0                | 0   | 0         | 0   | 0             | 0                     | 0               | 0                  | 0            |
| Radiology .....                                | 83      | 0                | 0   | 0         | 0   | 0             | 12                    | 1               | 0                  | 70           |
| Surgery .....                                  | 67      | 0                | 0   | 0         | 0   | 14            | 10                    | 0               | 0                  | 43           |
| Clinical medicine, n.e.c. ....                 | 501     | 0                | 0   | 0         | 0   | 0             | 28                    | 4               | 12                 | 457          |
| Other health related, total .....              | 21,999  | 214              | 55  | 86        | 3   | 357           | 2,395                 | 124             | 417                | 18,348       |
| Dentistry .....                                | 734     | 11               | 3   | 0         | 0   | 21            | 48                    | 21              | 16                 | 614          |
| Nursing .....                                  | 4,785   | 171              | 29  | 84        | 0   | 68            | 675                   | 35              | 134                | 3,589        |
| Pharmaceutical sciences .....                  | 706     | 1                | 1   | 0         | 0   | 21            | 149                   | 11              | 23                 | 500          |
| Speech pathology/audiology .....               | 5,603   | 0                | 13  | 1         | 0   | 155           | 485                   | 3               | 111                | 4,835        |
| Veterinary sciences .....                      | 388     | 0                | 3   | 0         | 0   | 7             | 70                    | 16              | 19                 | 273          |
| Health related, n.e.c. ....                    | 9,783   | 31               | 6   | 1         | 3   | 85            | 968                   | 38              | 114                | 8,537        |
| Psychology .....                               | 15,423  | 11               | 53  | 59        | 4   | 389           | 2,023                 | 18              | 632                | 12,234       |
| Clinical .....                                 | 6,286   | 4                | 46  | 54        | 1   | 272           | 882                   | 1               | 108                | 4,918        |
| Nonclinical .....                              | 5,796   | 5                | 2   | 4         | 1   | 74            | 657                   | 7               | 336                | 4,710        |
| Psychology, n.e.c. ....                        | 3,341   | 2                | 5   | 1         | 2   | 43            | 484                   | 10              | 188                | 2,606        |
| Social sciences (except<br>psychology) .....   | 22,212  | 111              | 8   | 8         | 20  | 297           | 2,143                 | 355             | 549                | 18,721       |
| Engineering .....                              | 20,288  | 683              | 6   | 3         | 37  | 225           | 2,149                 | 458             | 663                | 16,064       |
| Biomedical engineering .....                   | 527     | 0                | 1   | 1         | 0   | 2             | 43                    | 0               | 11                 | 469          |
| Other engineering .....                        | 19,761  | 683              | 5   | 2         | 37  | 223           | 2,106                 | 458             | 652                | 15,595       |
| Physical sciences .....                        | 1,735   | 76               | 10  | 3         | 7   | 27            | 256                   | 56              | 107                | 1,193        |
| Chemistry .....                                | 876     | 9                | 10  | 3         | 7   | 6             | 154                   | 31              | 42                 | 614          |
| Physics .....                                  | 727     | 67               | 0   | 0         | 0   | 19            | 94                    | 24              | 36                 | 487          |
| Other physical sciences .....                  | 132     | 0                | 0   | 0         | 0   | 2             | 8                     | 1               | 29                 | 92           |
| Environmental sciences .....                   | 2,403   | 112              | 1   | 0         | 16  | 42            | 289                   | 64              | 117                | 1,762        |
| Mathematical and computer<br>sciences .....    | 12,345  | 436              | 3   | 5         | 17  | 74            | 840                   | 108             | 392                | 10,470       |
| Agricultural sciences .....                    | 2,023   | 1                | 1   | 0         | 1   | 56            | 151                   | 82              | 112                | 1,619        |

**KEY:** n.e.c. = Not elsewhere classified

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