

Appendix table 3-5

**Employment sector of S&E highest degree holders and S&E doctorate holders: 2008**

Percent

| Highest degree field and level                      | Education           |                                    |            |             | Business/industry                        |                         |                       |
|---|---------------------|------------------------------------|------------|-------------|--|-------------------------|-----------------------|
|   | 4-year institutions | 2-year and precollege institutions | Government |             | Self-employed, unincorporated businesses | Nonprofit organizations | For-profit businesses |
|   |                     |                                    | Federal    | State/local |  |                         |                       |
| All S&E highest degree holders                      | 8.3                 | 7.2                                | 5.3        | 7.9         | 5.5                                      | 6.9                     | 58.9                  |
| Computer/mathematical sciences                      | 7.2                 | 6.3                                | 4.2        | 4.1         | 3.3                                      | 4.7                     | 70.3                  |
| Biological/agricultural/environmental life sciences | 15.2                | 7.0                                | 6.2        | 8.9         | 6.5                                      | 9.5                     | 46.6                  |
| Physical sciences                                   | 14.9                | 6.3                                | 6.4        | 6.7         | 5.7                                      | 5.3                     | 54.8                  |
| Social sciences                                     | 7.4                 | 11.7                               | 5.1        | 10.9        | 7.4                                      | 10.2                    | 47.3                  |
| Engineering   | 4.1                 | 1.0                                | 5.4        | 5.7         | 3.5                                      | 1.8                     | 78.5                  |
| S&E doctorate holders                               | 40.5                | 3.1                                | 6.3        | 2.9         | 6.2                                      | 6.2                     | 34.8                  |
| Computer/mathematical sciences                      | 49.0                | 2.6                                | 3.7        | 0.8         | 3.4                                      | 3.3                     | 37.3                  |
| Biological/agricultural/environmental life sciences | 46.3                | 3.1                                | 8.2        | 2.8         | 3.5                                      | 8.3                     | 27.7                  |
| Physical sciences                                   | 34.7                | 3.2                                | 6.8        | 2.3         | 3.7                                      | 4.9                     | 44.3                  |
| Social sciences                                     | 46.5                | 4.8                                | 5.3        | 4.7         | 12.9                                     | 8.2                     | 17.7                  |
| Engineering   | 25.7                | 0.9                                | 5.5        | 1.9         | 4.4                                      | 2.9                     | 58.7                  |

NOTE: Scientists and engineers refers to all persons who work in an S&E occupation or who received a bachelor's degree or higher in an S&E degree field in 1993–99 or an S&E or S&E-related field in 2003–08.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Scientists and Engineers Statistical Data System (SESTAT) (1993–2008), <http://sestat.nsf.gov>.