

Appendix table 2-2

**S&E degrees awarded, by degree level, Carnegie institution type, and field: 2002**

| Degree and institution type | All fields | All S&E <sup>a</sup> | S&E field                                            |                                      |                                   |             |                             |
|-----------------------------|------------|----------------------|------------------------------------------------------|--------------------------------------|-----------------------------------|-------------|-----------------------------|
|                             |            |                      | Physical/<br>biological/<br>agricultural<br>sciences | Mathematics/<br>computer<br>sciences | Social/<br>behavioral<br>sciences | Engineering | Engineering<br>technologies |
| Bachelor's .....            | 1,305,730  | 415,611              | 97,128                                               | 61,408                               | 196,436                           | 60,639      | 15,406                      |
| Research I .....            | 306,220    | 136,531              | 32,780                                               | 12,559                               | 61,894                            | 29,298      | 1,695                       |
| Research II .....           | 103,772    | 36,334               | 8,979                                                | 3,372                                | 16,202                            | 7,781       | 1,203                       |
| Doctorate-granting I .....  | 83,514     | 23,133               | 4,624                                                | 3,640                                | 11,222                            | 3,647       | 1,066                       |
| Doctorate-granting II ..... | 88,322     | 29,922               | 6,537                                                | 4,529                                | 12,868                            | 5,988       | 833                         |
| Comprehensive I .....       | 413,836    | 107,488              | 24,929                                               | 18,597                               | 54,774                            | 9,188       | 5,515                       |
| Comprehensive II .....      | 41,378     | 9,988                | 2,235                                                | 2,321                                | 4,872                             | 560         | 483                         |
| Liberal arts I .....        | 56,908     | 27,916               | 8,073                                                | 2,620                                | 16,723                            | 500         | 0                           |
| Liberal arts II .....       | 138,739    | 32,132               | 7,277                                                | 8,502                                | 15,463                            | 890         | 1,711                       |
| 2 year .....                | 11,171     | 1,428                | 221                                                  | 839                                  | 308                               | 60          | 946                         |
| Specialized .....           | 55,135     | 7,792                | 1,120                                                | 4,187                                | 652                               | 1,833       | 1,657                       |
| Other .....                 | 5,655      | 2,919                | 351                                                  | 216                                  | 1,458                             | 894         | 47                          |
| Not classified .....        | 1,080      | 28                   | 2                                                    | 26                                   | 0                                 | 0           | 250                         |
| Master's .....              | 481,132    | 99,173               | 15,383                                               | 19,990                               | 37,534                            | 26,266      | 1,444                       |
| Research I .....            | 129,268    | 38,973               | 7,325                                                | 6,137                                | 10,808                            | 14,703      | 298                         |
| Research II .....           | 34,370     | 10,619               | 1,899                                                | 1,700                                | 3,686                             | 3,334       | 23                          |
| Doctorate-granting I .....  | 44,070     | 9,538                | 1,122                                                | 2,512                                | 3,816                             | 2,088       | 223                         |
| Doctorate-granting II ..... | 37,132     | 9,318                | 1,426                                                | 2,612                                | 2,807                             | 2,473       | 85                          |
| Comprehensive I .....       | 164,379    | 23,356               | 2,807                                                | 5,557                                | 12,182                            | 2,810       | 680                         |
| Comprehensive II .....      | 11,327     | 720                  | 75                                                   | 189                                  | 418                               | 38          | 45                          |
| Liberal arts I .....        | 5,664      | 740                  | 144                                                  | 33                                   | 532                               | 31          | 0                           |
| Liberal arts II .....       | 18,550     | 1,318                | 56                                                   | 287                                  | 914                               | 61          | 34                          |
| 2 year .....                | 114        | 49                   | 0                                                    | 24                                   | 25                                | 0           | 0                           |
| Specialized .....           | 33,021     | 2,615                | 501                                                  | 933                                  | 453                               | 728         | 56                          |
| Other .....                 | 3,050      | 1,785                | 28                                                   | 0                                    | 1,757                             | 0           | 0                           |
| Not classified .....        | 187        | 142                  | 0                                                    | 6                                    | 136                               | 0           | 0                           |
| Doctoral .....              | 39,964     | 24,571               | 10,574                                               | 1,725                                | 7,201                             | 5,071       | 0                           |
| Research I .....            | 25,731     | 17,005               | 7,561                                                | 1,263                                | 4,352                             | 3,829       | 0                           |
| Research II .....           | 4,657      | 2,870                | 1,207                                                | 186                                  | 902                               | 575         | 0                           |
| Doctorate-granting I .....  | 4,265      | 1,837                | 445                                                  | 159                                  | 999                               | 234         | 0                           |
| Doctorate-granting II ..... | 2,225      | 1,318                | 503                                                  | 94                                   | 402                               | 319         | 0                           |
| Comprehensive I .....       | 971        | 302                  | 108                                                  | 11                                   | 116                               | 67          | 0                           |
| Comprehensive II .....      | 3          | 1                    | 1                                                    | 0                                    | 0                                 | 0           | 0                           |
| Liberal arts I .....        | 105        | 26                   | 13                                                   | 3                                    | 10                                | 0           | 0                           |
| Specialized .....           | 1,223      | 791                  | 707                                                  | 5                                    | 60                                | 19          | 0                           |
| Other .....                 | 761        | 398                  | 6                                                    | 4                                    | 360                               | 28          | 0                           |
| Not classified .....        | 23         | 23                   | 23                                                   | 0                                    | 0                                 | 0           | 0                           |

<sup>a</sup>Engineering technologies data not included in S&E total.SOURCES: U.S. Department of Education, National Center for Education Statistics, Integrated Postsecondary Education Data System, Completions Survey; and National Science Foundation, Division of Science Resources Statistics, Survey of Earned Doctorates, Integrated Science and Engineering Resources Data System (WebCASPAR), <http://webcaspar.nsf.gov>.

Science and Engineering Indicators 2006