

**Table B-66. Current fund expenditures for research equipment at universities and colleges, by science and engineering field and source of funds: fiscal years 1993, 1999, and 2000**

[Dollars in thousands]

| Field                                  | Total     |           |           | Federal |         |         | Non-Federal |         |         |
|--|-----------|-----------|-----------|---------|---------|---------|-------------|---------|---------|
|  | 1993      | 1999      | 2000      | 1993    | 1999    | 2000    | 1993        | 1999    | 2000    |
| Total .....                            | 1,041,887 | 1,318,582 | 1,421,038 | 638,085 | 765,490 | 796,909 | 403,802     | 553,092 | 624,129 |
| Engineering .....                      | 218,043   | 285,681   | 306,023   | 128,154 | 167,359 | 168,915 | 89,889      | 118,322 | 137,108 |
| Aeronautical and<br>aeronautical ..... | 13,272    | 21,904    | 20,171    | 10,794  | 15,515  | 12,909  | 2,478       | 6,389   | 7,262   |
| Bioengineering/bio-<br>medical .....   | --        | 7,681     | 13,771    | --      | 3,587   | 5,859   | --          | 4,094   | 7,912   |
| Chemical .....                         | 21,551    | 27,284    | 25,899    | 10,075  | 13,429  | 13,473  | 11,476      | 13,855  | 12,426  |
| Civil .....                            | 18,412    | 23,242    | 28,470    | 8,190   | 11,447  | 10,034  | 10,222      | 11,795  | 18,436  |
| Electrical .....                       | 55,809    | 69,899    | 71,014    | 36,766  | 45,752  | 44,064  | 19,043      | 24,147  | 26,950  |
| Mechanical .....                       | 34,563    | 50,728    | 54,701    | 22,288  | 32,340  | 35,560  | 12,275      | 18,388  | 19,141  |
| Metallurgical and<br>materials .....   | 23,411    | 28,341    | 30,391    | 11,928  | 17,276  | 18,623  | 11,483      | 11,065  | 11,768  |
| Other, n.e.c. ....                     | 51,025    | 56,602    | 61,606    | 28,113  | 28,013  | 28,393  | 22,912      | 28,589  | 33,213  |
| All sciences .....                     | 823,844   | 1,032,901 | 1,115,015 | 509,931 | 598,131 | 627,994 | 313,913     | 434,770 | 487,021 |
| Physical sciences .....                | 207,325   | 247,763   | 250,712   | 153,714 | 185,736 | 175,145 | 53,611      | 62,027  | 75,567  |
| Astronomy .....                        | 16,802    | 28,716    | 26,032    | 11,023  | 24,927  | 20,652  | 5,779       | 3,789   | 5,380   |
| Chemistry .....                        | 74,938    | 101,683   | 102,421   | 52,790  | 68,618  | 63,407  | 22,148      | 33,065  | 39,014  |
| Physics .....                          | 89,636    | 106,092   | 109,814   | 67,975  | 84,576  | 84,161  | 21,661      | 21,516  | 25,653  |
| Other, n.e.c. ....                     | 25,949    | 11,272    | 12,445    | 21,926  | 7,615   | 6,925   | 4,023       | 3,657   | 5,520   |
| Environmental sciences .....           | 77,169    | 99,835    | 100,003   | 54,626  | 67,477  | 64,215  | 22,543      | 32,358  | 35,788  |
| Atmospheric .....                      | 14,501    | 14,699    | 12,542    | 11,320  | 11,700  | 10,056  | 3,181       | 2,999   | 2,486   |
| Earth sciences .....                   | 27,134    | 34,560    | 37,153    | 16,682  | 20,457  | 18,854  | 10,452      | 14,103  | 18,299  |
| Oceanography .....                     | 24,055    | 37,345    | 33,814    | 19,220  | 26,958  | 25,206  | 4,835       | 10,387  | 8,608   |
| Other, n.e.c. ....                     | 11,479    | 13,231    | 16,494    | 7,404   | 8,362   | 10,099  | 4,075       | 4,869   | 6,395   |
| Mathematical sciences .....            | 15,152    | 11,720    | 10,047    | 11,374  | 7,576   | 6,846   | 3,778       | 4,144   | 3,201   |
| Computer sciences .....                | 53,634    | 63,265    | 56,162    | 37,473  | 43,711  | 33,940  | 16,161      | 19,554  | 22,222  |
| Life sciences .....                    | 418,198   | 548,705   | 614,738   | 227,145 | 270,453 | 319,308 | 191,053     | 278,252 | 295,430 |
| Agricultural sciences .....            | 53,186    | 72,207    | 76,270    | 19,540  | 23,859  | 21,042  | 33,646      | 48,348  | 55,228  |
| Biological sciences .....              | 171,337   | 243,877   | 268,153   | 104,126 | 138,479 | 161,188 | 67,211      | 105,398 | 106,965 |
| Medical sciences .....                 | 177,879   | 213,912   | 249,164   | 96,273  | 100,368 | 127,734 | 81,606      | 113,544 | 121,430 |
| Other, n.e.c. ....                     | 15,796    | 18,709    | 21,151    | 7,206   | 7,747   | 9,344   | 8,590       | 10,962  | 11,807  |
| Psychology .....                       | 15,398    | 11,651    | 14,196    | 10,558  | 7,629   | 9,105   | 4,840       | 4,022   | 5,091   |
| Social sciences .....                  | 18,873    | 17,923    | 19,481    | 7,568   | 6,954   | 6,476   | 11,305      | 10,969  | 13,005  |
| Economics .....                        | 4,511     | 3,883     | 3,127     | 1,773   | 1,462   | 1,713   | 2,738       | 2,421   | 1,414   |
| Political science .....                | 2,850     | 2,027     | 1,673     | 871     | 673     | 647     | 1,979       | 1,354   | 1,026   |
| Sociology .....                        | 3,678     | 3,405     | 3,325     | 1,947   | 1,473   | 1,545   | 1,731       | 1,932   | 1,780   |
| Other, n.e.c. ....                     | 7,834     | 8,608     | 11,356    | 2,977   | 3,346   | 2,571   | 4,857       | 5,262   | 8,785   |
| Other sciences, n.e.c. ....            | 18,095    | 32,039    | 49,676    | 7,473   | 8,595   | 12,959  | 10,622      | 23,444  | 36,717  |

**KEY:** -- = not available  
n.e.c. = not elsewhere classified

**NOTE:** Because of rounding, detail may not add to totals.

**SOURCE:** National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, Fiscal Year 2000