

**Table B-24. Federally financed R&D expenditures at doctorate-granting institutions, by geographic division and State: fiscal years 1993-2000**

[Dollars in thousands]

| Division and State         | 1993       | 1994       | 1995       | 1996       | 1997       | 1998       | 1999       | 2000       |
|----------------------------|------------|------------|------------|------------|------------|------------|------------|------------|
| Total .....                | 11,748,767 | 12,432,161 | 13,099,682 | 13,593,138 | 14,039,577 | 14,859,456 | 15,800,727 | 17,199,786 |
| New England .....          | 1,173,959  | 1,199,864  | 1,236,204  | 1,252,581  | 1,356,263  | 1,434,063  | 1,494,181  | 1,606,831  |
| Connecticut .....          | 220,562    | 222,569    | 227,915    | 233,933    | 242,385    | 261,929    | 272,839    | 302,850    |
| Maine .....                | 8,959      | 11,386     | 15,789     | 16,211     | 15,066     | 13,028     | 19,163     | 24,412     |
| Massachusetts .....        | 773,666    | 795,502    | 828,056    | 830,922    | 918,071    | 978,943    | 1,007,255  | 1,055,908  |
| New Hampshire .....        | 67,727     | 66,794     | 60,131     | 62,987     | 67,282     | 70,966     | 77,327     | 95,290     |
| Rhode Island .....         | 71,515     | 69,918     | 71,381     | 77,007     | 79,417     | 77,737     | 81,512     | 88,510     |
| Vermont .....              | 31,530     | 33,695     | 32,932     | 31,521     | 34,042     | 31,460     | 36,085     | 39,861     |
| Middle Atlantic .....      | 1,902,400  | 2,004,105  | 2,072,298  | 2,123,278  | 2,176,574  | 2,290,804  | 2,448,564  | 2,725,565  |
| New Jersey .....           | 166,835    | 190,721    | 207,257    | 215,525    | 224,084    | 227,706    | 239,702    | 256,896    |
| New York .....             | 1,058,602  | 1,094,689  | 1,110,597  | 1,113,168  | 1,144,937  | 1,194,825  | 1,309,809  | 1,442,647  |
| Pennsylvania .....         | 676,963    | 718,695    | 754,444    | 794,585    | 807,553    | 868,273    | 899,053    | 1,026,022  |
| East North Central .....   | 1,573,127  | 1,659,544  | 1,727,971  | 1,789,591  | 1,893,474  | 1,999,200  | 2,127,252  | 2,291,863  |
| Illinois .....             | 424,745    | 452,241    | 463,631    | 492,351    | 529,117    | 574,963    | 618,342    | 672,822    |
| Indiana .....              | 167,743    | 181,226    | 197,910    | 203,390    | 209,071    | 213,288    | 222,787    | 228,073    |
| Michigan .....             | 377,278    | 400,670    | 420,747    | 425,145    | 453,664    | 472,081    | 505,545    | 550,275    |
| Ohio .....                 | 348,166    | 357,928    | 375,061    | 390,708    | 417,921    | 442,078    | 471,673    | 495,520    |
| Wisconsin .....            | 255,195    | 267,479    | 270,622    | 277,997    | 283,701    | 296,790    | 308,905    | 345,173    |
| West North Central .....   | 643,289    | 695,388    | 735,234    | 760,384    | 804,989    | 824,294    | 891,381    | 1,014,821  |
| Iowa .....                 | 145,006    | 157,643    | 163,620    | 161,262    | 162,060    | 167,006    | 177,470    | 202,465    |
| Kansas .....               | 59,635     | 64,115     | 70,026     | 68,823     | 75,116     | 80,214     | 88,634     | 105,363    |
| Minnesota .....            | 174,836    | 181,166    | 194,953    | 199,068    | 200,297    | 204,899    | 207,780    | 229,958    |
| Missouri .....             | 190,959    | 201,985    | 212,750    | 232,258    | 271,199    | 274,704    | 317,589    | 368,380    |
| Nebraska .....             | 38,530     | 52,971     | 55,421     | 52,186     | 61,231     | 62,578     | 61,226     | 65,653     |
| North Dakota .....         | 25,223     | 27,537     | 27,841     | 35,659     | 24,207     | 23,191     | 25,923     | 29,343     |
| South Dakota .....         | 9,100      | 9,971      | 10,623     | 11,128     | 10,879     | 11,702     | 12,759     | 13,659     |
| South Atlantic .....       | 2,233,923  | 2,399,959  | 2,539,140  | 2,613,100  | 2,665,878  | 2,831,762  | 2,961,791  | 3,140,489  |
| Delaware .....             | 26,170     | 26,250     | 27,352     | 29,509     | 32,031     | 33,688     | 34,628     | 37,716     |
| District of Columbia ..... | 100,345    | 103,677    | 132,770    | 147,212    | 153,846    | 161,698    | 169,373    | 183,321    |
| Florida .....              | 267,717    | 288,429    | 317,081    | 315,555    | 340,541    | 351,088    | 390,756    | 402,168    |
| Georgia .....              | 273,079    | 287,139    | 306,745    | 335,769    | 347,407    | 363,140    | 371,177    | 407,393    |
| Maryland .....             | 848,597    | 895,897    | 908,933    | 924,262    | 936,567    | 1,003,068  | 1,051,429  | 1,079,720  |
| North Carolina .....       | 386,742    | 421,018    | 444,183    | 455,325    | 452,486    | 499,055    | 515,116    | 558,997    |
| South Carolina .....       | 73,020     | 90,558     | 109,443    | 120,015    | 102,887    | 107,258    | 106,551    | 124,608    |
| Virginia .....             | 226,591    | 251,829    | 262,169    | 254,419    | 270,490    | 287,757    | 296,431    | 312,935    |
| West Virginia .....        | 31,662     | 35,162     | 30,464     | 31,034     | 29,623     | 25,010     | 26,330     | 33,631     |
| East South Central .....   | 451,921    | 493,885    | 504,040    | 536,289    | 567,698    | 605,740    | 627,225    | 703,181    |
| Alabama .....              | 161,331    | 177,323    | 189,847    | 213,580    | 230,894    | 253,186    | 253,057    | 267,581    |
| Kentucky .....             | 55,698     | 58,080     | 59,811     | 64,756     | 75,649     | 76,003     | 81,720     | 92,012     |
| Mississippi .....          | 54,715     | 61,265     | 62,585     | 62,497     | 62,350     | 73,329     | 78,529     | 107,689    |
| Tennessee .....            | 180,177    | 197,217    | 191,797    | 195,456    | 198,805    | 203,222    | 213,919    | 235,899    |
| West South Central .....   | 865,901    | 922,861    | 983,412    | 1,031,249  | 1,095,177  | 1,144,703  | 1,227,719  | 1,384,694  |
| Arkansas .....             | 25,395     | 29,506     | 33,427     | 32,917     | 35,146     | 38,165     | 42,467     | 54,407     |
| Louisiana .....            | 95,891     | 102,697    | 136,253    | 125,254    | 129,285    | 134,956    | 144,365    | 159,838    |
| Oklahoma .....             | 56,475     | 59,053     | 59,504     | 72,817     | 71,421     | 81,689     | 86,046     | 90,872     |
| Texas .....                | 688,140    | 731,605    | 754,228    | 800,261    | 859,325    | 889,893    | 954,841    | 1,079,577  |

See explanatory information and SOURCE at end of table.

**Table B-24. Federally financed R&D expenditures at doctorate-granting institutions, by geographic division and State: fiscal years 1993-2000**

[Dollars in thousands]

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| Division and State   | 1993      | 1994      | 1995      | 1996      | 1997      | 1998      | 1999      | 2000      |
|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| Mountain .....       | 717,796   | 776,846   | 881,604   | 863,163   | 899,131   | 975,465   | 1,063,090 | 1,177,684 |
| Arizona .....        | 149,803   | 182,009   | 210,475   | 199,889   | 198,097   | 210,170   | 239,142   | 244,938   |
| Colorado .....       | 222,107   | 239,109   | 263,802   | 269,866   | 289,514   | 327,481   | 356,940   | 422,239   |
| Idaho .....          | 17,026    | 18,075    | 19,710    | 18,535    | 18,544    | 23,552    | 25,521    | 26,737    |
| Montana .....        | 21,399    | 24,413    | 27,382    | 29,258    | 31,261    | 35,730    | 40,858    | 48,942    |
| Nevada .....         | 43,196    | 43,614    | 47,708    | 46,713    | 43,934    | 45,496    | 51,387    | 60,005    |
| New Mexico .....     | 113,060   | 118,994   | 156,554   | 137,607   | 144,639   | 149,911   | 152,570   | 166,167   |
| Utah .....           | 136,630   | 135,517   | 140,600   | 146,304   | 158,139   | 165,319   | 177,563   | 192,100   |
| Wyoming .....        | 14,575    | 15,115    | 15,373    | 14,991    | 15,003    | 17,806    | 19,109    | 16,556    |
| Pacific .....        | 2,160,711 | 2,250,169 | 2,380,426 | 2,581,293 | 2,537,345 | 2,708,150 | 2,908,714 | 3,111,855 |
| Alaska .....         | 41,616    | 40,770    | 37,285    | 30,351    | 28,127    | 31,505    | 34,647    | 46,605    |
| California .....     | 1,630,280 | 1,697,546 | 1,800,500 | 1,947,922 | 1,875,953 | 1,989,478 | 2,138,671 | 2,286,432 |
| Hawaii .....         | 41,362    | 39,392    | 44,238    | 66,902    | 72,421    | 86,886    | 93,418    | 95,419    |
| Oregon .....         | 134,956   | 145,737   | 158,076   | 174,616   | 195,030   | 213,480   | 229,256   | 245,336   |
| Washington .....     | 312,497   | 326,724   | 340,327   | 361,502   | 365,814   | 386,801   | 412,722   | 438,063   |
| Outlying Areas ..... | 25,740    | 29,540    | 39,353    | 42,210    | 43,048    | 45,275    | 50,810    | 42,803    |

**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