

**Table B-36. R&D expenditures at public universities and colleges,
by source of funds: fiscal year 1997**

[Dollars in thousands]

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| Institution and ranking | Total | Federal Govt. | State & local govts. | Industry | Institutional funds | Other |
|------------------------------------|------------|---------------|----------------------|-----------|---------------------|-----------|
| Total, all institutions | 16,391,179 | 8,752,177 | 1,709,477 | 1,158,125 | 3,737,070 | 1,034,330 |
| 1 University of Michigan | 483,485 | 296,028 | 3,071 | 31,411 | 101,356 | 51,619 |
| 2 U WI Madison | 419,810 | 233,760 | 36,535 | 14,832 | 87,710 | 46,973 |
| 3 U of Washington | 409,959 | 320,784 | 11,350 | 37,744 | 33,190 | 6,891 |
| 4 U CA San Diego | 378,061 | 274,860 | 13,818 | 19,266 | 36,010 | 34,107 |
| 5 U CA Los Angeles | 374,629 | 238,919 | 8,781 | 19,586 | 57,203 | 50,140 |
| 6 Texas A&M University | 366,798 | 145,066 | 83,733 | 31,816 | 101,415 | 4,768 |
| 7 University of Minnesota | 363,095 | 200,149 | 50,539 | 24,196 | 53,731 | 34,480 |
| 8 U CA Berkeley | 356,813 | 186,349 | 49,950 | 17,125 | 77,386 | 26,003 |
| 9 Pennsylvania State U | 339,955 | 185,206 | 12,133 | 56,666 | 85,950 | 0 |
| 10 U CA San Francisco | 334,206 | 229,323 | 13,041 | 22,025 | 36,409 | 33,408 |
| Total, 1st 10 institutions | 3,826,811 | 2,310,444 | 282,951 | 274,667 | 670,360 | 288,389 |
| 11 Ohio State University | 289,100 | 122,582 | 47,631 | 36,685 | 60,298 | 21,904 |
| 12 U of Illinois Urbana | 286,470 | 156,366 | 36,698 | 11,761 | 67,979 | 13,666 |
| 13 University of Arizona | 285,278 | 152,221 | 7,310 | 14,964 | 100,738 | 10,045 |
| 14 University of Florida | 271,365 | 94,231 | 66,171 | 24,478 | 77,549 | 8,936 |
| 15 University of Colorado | 269,816 | 192,201 | 4,925 | 9,403 | 27,195 | 36,092 |
| 16 U CA Davis | 255,070 | 123,673 | 17,118 | 9,362 | 84,397 | 20,520 |
| 17 Georgia Institute of Tech | 240,237 | 112,544 | 12,062 | 48,094 | 67,537 | 0 |
| 18 U TX Austin | 239,021 | 151,954 | 18,102 | 29,887 | 34,140 | 4,938 |
| 19 NC State U Raleigh | 229,292 | 69,473 | 77,689 | 26,834 | 54,138 | 1,158 |
| 20 University of Georgia | 225,457 | 54,364 | 41,784 | 10,283 | 118,120 | 906 |
| Total, 1st 20 institutions | 6,417,917 | 3,540,053 | 612,441 | 496,418 | 1,362,451 | 406,554 |
| 21 U of NC Chapel Hill | 221,380 | 153,985 | 31,055 | 3,311 | 33,029 | 0 |
| 22 U MD College Park | 215,927 | 102,928 | 52,145 | 5,009 | 38,902 | 16,943 |
| 23 Purdue University | 206,588 | 91,969 | 21,545 | 26,090 | 66,568 | 416 |
| 24 Louisiana St U, All Camp | 205,441 | 65,257 | 68,845 | 13,331 | 46,338 | 11,670 |
| 25 U of Alabama Birmingham | 203,758 | 150,501 | 1,156 | 16,233 | 21,884 | 13,984 |
| 26 University of Pittsburgh | 202,533 | 160,833 | 1,056 | 9,753 | 15,582 | 15,309 |
| 27 Michigan State University | 190,178 | 82,977 | 32,740 | 6,973 | 57,683 | 9,805 |
| 28 U of Iowa | 184,414 | 108,534 | 5,736 | 15,712 | 40,610 | 13,822 |
| 29 Rutgers the State U NJ | 183,038 | 68,225 | 22,867 | 8,848 | 70,885 | 12,213 |
| 30 VA Polytech Inst & St U | 169,808 | 87,657 | 33,490 | 11,385 | 33,845 | 3,431 |
| Total, 1st 30 institutions | 8,400,982 | 4,612,919 | 883,076 | 613,063 | 1,787,777 | 504,147 |
| 31 Indiana University | 165,354 | 96,087 | 1,994 | 4,242 | 43,325 | 19,706 |
| 32 Iowa State University | 155,433 | 52,938 | 46,699 | 8,499 | 42,456 | 4,841 |
| 33 U of Tennessee System | 154,230 | 74,049 | 28,212 | 12,675 | 28,713 | 10,581 |
| 34 University of Cincinnati | 141,604 | 78,292 | 2,435 | 22,907 | 30,689 | 7,281 |
| 35 University of Connecticut | 140,840 | 49,503 | 12,410 | 8,572 | 59,896 | 10,459 |
| 36 U TX SW Med Ctr Dallas | 140,589 | 89,357 | 6,978 | 12,737 | 1,002 | 30,515 |
| 37 University of IL Chicago | 139,296 | 70,739 | 2,612 | 6,947 | 48,725 | 10,273 |
| 38 SUNY Stony Brook | 136,624 | 86,568 | 2,875 | 7,119 | 33,161 | 6,901 |
| 39 SUNY Buffalo | 135,663 | 78,092 | 4,812 | 14,480 | 14,152 | 24,127 |
| 40 U of MD Baltimore | 134,808 | 72,100 | 18,051 | 18,581 | 12,606 | 13,470 |
| Total, 1st 40 institutions | 9,845,423 | 5,360,644 | 1,010,154 | 729,822 | 2,102,502 | 642,301 |
| 41 U of Missouri Columbia | 132,432 | 35,993 | 17,895 | 8,449 | 63,882 | 6,213 |
| 42 Oregon State University | 131,467 | 80,131 | 27,512 | 832 | 14,636 | 8,356 |
| 43 University of Utah | 131,357 | 99,322 | 646 | 10,374 | 15,847 | 5,168 |
| 44 U TX MD Anderson Cntr | 129,578 | 49,702 | 0 | 0 | 47,937 | 31,939 |
| 45 Colorado State University | 128,580 | 79,393 | 20,510 | 5,712 | 22,439 | 526 |
| 46 University of Kentucky | 124,804 | 62,128 | 7,134 | 11,259 | 42,226 | 2,057 |
| 47 Wayne State University | 124,383 | 53,707 | 10,946 | 10,959 | 36,847 | 11,924 |
| 48 Univ of Hawaii Manoa | 120,107 | 72,421 | 28,440 | 5,944 | 13,297 | 5 |
| 49 U of Nebraska Lincoln | 117,100 | 41,269 | 38,629 | 4,651 | 30,781 | 1,770 |
| 50 University of New Mexico | 116,152 | 76,978 | 2,260 | 2,799 | 29,748 | 4,367 |
| Total, 1st 50 institutions | 11,101,383 | 6,011,688 | 1,164,126 | 790,801 | 2,420,142 | 714,626 |

See explanatory information and SOURCE at end of table.

Table B-36. R&D expenditures at public universities and colleges, by source of funds: fiscal year 1997

[Dollars in thousands]

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| Institution and ranking | Total | Federal Govt. | State & local govts. | Industry | Institutional funds | Other |
|------------------------------------|------------|---------------|----------------------|-----------|---------------------|---------|
| 51 University of Oklahoma | 114,387 | 45,756 | 14,718 | 6,871 | 34,328 | 12,714 |
| 52 University of Virginia | 114,085 | 82,488 | 4,310 | 7,627 | 9,379 | 10,281 |
| 53 U CA Irvine | 113,187 | 71,472 | 3,470 | 10,445 | 14,980 | 12,820 |
| 54 U Med & Dent NJ | 110,383 | 57,471 | 6,532 | 8,519 | 28,157 | 9,704 |
| 55 University of Kansas | 108,893 | 46,733 | 9,643 | 8,201 | 38,157 | 6,159 |
| 56 U of South Florida | 99,649 | 31,068 | 8,179 | 3,747 | 49,775 | 6,880 |
| 57 Oregon Health Sciences U .. | 98,319 | 68,637 | 2,933 | 7,036 | 13,259 | 6,454 |
| 58 Washington State U | 97,700 | 45,030 | 3,495 | 3,138 | 36,243 | 9,794 |
| 59 Florida State University | 95,908 | 52,945 | 1,667 | 1,148 | 35,575 | 4,573 |
| 60 UT-Houston Hlth Sci Ctr | 95,638 | 67,205 | 787 | 9,780 | 5,911 | 11,955 |
| Total, 1st 60 institutions | 12,149,532 | 6,580,493 | 1,219,860 | 857,313 | 2,685,906 | 805,960 |
| 61 U CA Santa Barbara | 94,796 | 74,149 | 1,898 | 2,876 | 9,415 | 6,458 |
| 62 Utah State University | 91,292 | 49,594 | 16,965 | 3,356 | 18,958 | 2,419 |
| 63 U TX Hlth Sci Ctr San Ant | 86,019 | 53,478 | 7,132 | 9,051 | 11,424 | 4,934 |
| 64 U MA Amherst | 85,811 | 40,925 | 6,546 | 5,778 | 26,022 | 6,540 |
| 65 Auburn University | 85,460 | 27,412 | 695 | 4,644 | 48,668 | 4,041 |
| 66 Mississippi State U | 84,157 | 34,928 | 25,143 | 5,469 | 9,976 | 8,641 |
| 67 Clemson University | 84,034 | 28,092 | 15,994 | 5,253 | 29,617 | 5,078 |
| 68 New Mexico State Univ | 81,024 | 57,165 | 11,223 | 2,393 | 7,897 | 2,346 |
| 69 Arizona State University | 80,740 | 37,700 | 1,556 | 3,376 | 35,447 | 2,661 |
| 70 Virginia Commonwealth U ... | 78,948 | 44,982 | 2,919 | 9,172 | 17,121 | 4,754 |
| Total, 1st 70 institutions | 13,001,813 | 7,028,918 | 1,309,931 | 908,681 | 2,900,451 | 853,832 |
| 71 U of South Carolina | 77,855 | 37,005 | 4,703 | 2,058 | 32,409 | 1,680 |
| 72 U TX Med Br Galveston | 77,683 | 42,006 | 10,800 | 7,301 | 9,337 | 8,239 |
| 73 Kansas State University | 76,896 | 25,781 | 31,699 | 2,943 | 14,154 | 2,319 |
| 74 U CA Riverside | 74,420 | 28,451 | 3,816 | 1,747 | 34,092 | 6,314 |
| 75 SUNY Albany | 73,086 | 56,861 | 3,001 | 1,533 | 3,805 | 7,886 |
| 76 U MA Worcester | 71,346 | 43,350 | 14,747 | 2,129 | 6,485 | 4,635 |
| 77 U of Alaska Fairbanks | 70,943 | 28,127 | 3,964 | 12,769 | 26,082 | 1 |
| 78 University of Delaware | 65,095 | 32,031 | 2,977 | 3,361 | 20,125 | 6,601 |
| 79 U Arkansas Fayetteville | 64,868 | 15,772 | 28,758 | 4,130 | 13,875 | 2,333 |
| 80 West Virginia University | 63,312 | 29,443 | 2,413 | 3,719 | 23,044 | 4,693 |
| Total, 1st 80 institutions | 13,717,317 | 7,367,745 | 1,416,809 | 950,371 | 3,083,859 | 898,533 |
| 81 University of Vermont | 59,526 | 34,042 | 2,683 | 5,399 | 11,465 | 5,937 |
| 82 University of Idaho | 58,783 | 16,975 | 20,669 | 6,819 | 13,850 | 470 |
| 83 Med U of South Carolina | 57,111 | 37,790 | 0 | 1,371 | 3,888 | 14,062 |
| 84 Temple University | 54,500 | 26,374 | 356 | 4,690 | 20,080 | 3,000 |
| 85 U of Nevada Reno | 52,703 | 20,813 | 1,403 | 1,806 | 27,708 | 973 |
| 86 Montana St U Bozeman | 49,440 | 19,707 | 12,780 | 6,976 | 9,977 | 0 |
| 87 U PR Mayaguez | 48,857 | 21,052 | 21,351 | 2,307 | 2,500 | 1,647 |
| 88 University of Wyoming | 47,753 | 15,003 | 5,990 | 2,226 | 23,743 | 791 |
| 89 U CA Santa Cruz | 47,494 | 27,839 | 1,342 | 1,253 | 12,731 | 4,329 |
| 90 Texas Tech University | 46,645 | 14,901 | 13,058 | 5,650 | 10,494 | 2,542 |
| Total, 1st 90 institutions | 14,240,129 | 7,602,241 | 1,496,441 | 988,868 | 3,220,295 | 932,284 |
| 91 University of Houston | 45,916 | 21,695 | 12,522 | 1,815 | 6,785 | 3,099 |
| 92 U of New Hampshire | 45,886 | 24,128 | 5,239 | 1,600 | 7,313 | 7,606 |
| 93 U of NE Med Ctr Omaha | 45,365 | 13,990 | 6,963 | 3,941 | 17,228 | 3,243 |
| 94 San Diego St University | 40,586 | 20,237 | 5,780 | 827 | 10,306 | 3,436 |
| 95 U of Rhode Island | 40,522 | 35,733 | 1,085 | 480 | 3,224 | 0 |
| 96 NJ Inst of Technology | 38,728 | 21,287 | 5,235 | 1,600 | 9,912 | 694 |
| 97 Medical Col of Georgia | 38,725 | 11,904 | 2,811 | 2,578 | 19,985 | 1,447 |
| 98 Oklahoma State University .. | 38,649 | 21,455 | 3,275 | 3,252 | 10,237 | 430 |
| 99 U TX Arlington | 37,509 | 26,829 | 1,829 | 2,641 | 6,210 | 0 |
| 100 U Arkansas Medical Sci | 37,336 | 19,249 | 469 | 3,440 | 10,110 | 4,068 |
| Total, 1st 100 institutions | 14,649,351 | 7,818,748 | 1,541,649 | 1,011,042 | 3,321,605 | 956,307 |

See explanatory information and SOURCE at end of table.

Table B-36. R&D expenditures at public universities and colleges, by source of funds: fiscal year 1997

[Dollars in thousands]

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| Institution and ranking | Total | Federal Govt. | State & local govts. | Industry | Institutional funds | Other |
|--|-------------------|------------------|----------------------|------------------|---------------------|------------------|
| 101 North Dakota State U | 35,197 | 6,432 | 1,011 | 1,273 | 25,197 | 1,284 |
| 102 University of Louisville | 33,434 | 13,521 | 260 | 8,757 | 10,896 | 0 |
| 103 U of Maine | 33,144 | 15,066 | 1,551 | 5,609 | 10,526 | 392 |
| 104 U of Alabama Huntsville | 32,817 | 21,731 | 730 | 5,110 | 5,246 | 0 |
| 105 US Naval Postgrad School .. | 32,333 | 31,618 | 246 | 162 | 0 | 307 |
| 106 University of Oregon | 31,487 | 26,020 | 283 | 231 | 3,242 | 1,711 |
| 107 Sthrn IL U Carbondale | 30,043 | 8,632 | 6,540 | 1,954 | 10,040 | 2,877 |
| 108 SUNY Hlth Sci Ctr Brklyn | 29,727 | 18,996 | 273 | 4,385 | 3,650 | 2,423 |
| 109 U MD Biotechnology Inst | 29,117 | 8,719 | 643 | 927 | 18,426 | 402 |
| 110 Georgia State University | 27,069 | 7,544 | 4,451 | 826 | 13,012 | 1,236 |
| Total, 1st 110 institutions | 14,963,719 | 7,977,027 | 1,557,637 | 1,040,276 | 3,421,840 | 966,939 |
| 111 U Mississippi, All Camp | 26,231 | 15,696 | 3,895 | 1,817 | 3,329 | 1,494 |
| 112 Florida A&M University | 25,415 | 22,547 | 2,868 | 0 | 0 | 0 |
| 113 Michigan Tech University | 24,140 | 12,941 | 1,539 | 3,819 | 5,841 | 0 |
| 114 Col of William & Mary | 24,051 | 10,911 | 2,106 | 424 | 9,974 | 636 |
| 115 The University of Alabama ... | 23,671 | 13,118 | 2,064 | 1,345 | 7,144 | 0 |
| 116 CUNY City College | 22,526 | 15,221 | 3,494 | 2,668 | 0 | 1,143 |
| 117 U of Southwestern LA | 22,381 | 4,699 | 2,271 | 5,022 | 9,398 | 991 |
| 118 NM Inst Mining & Tech | 21,974 | 10,496 | 1,471 | 4,723 | 4,797 | 487 |
| 119 U MD Ctr for Env Sci | 21,377 | 6,240 | 2,541 | 107 | 10,607 | 1,882 |
| 120 The University of Memphis .. | 21,271 | 5,413 | 4,427 | 903 | 9,244 | 1,284 |
| Total, 1st 120 institutions | 15,196,756 | 8,094,309 | 1,584,313 | 1,061,104 | 3,482,174 | 974,856 |
| 121 U of Missouri Rolla | 21,235 | 6,022 | 772 | 2,696 | 10,184 | 1,561 |
| 122 The University of Montana ... | 21,151 | 11,554 | 1,588 | 1,494 | 5,707 | 808 |
| 123 Ohio University | 21,008 | 9,790 | 2,102 | 2,132 | 6,570 | 414 |
| 124 Univ of North Dakota | 20,899 | 17,775 | 59 | 2,166 | 357 | 542 |
| 125 SUNY Col Env Sci Frstry | 20,540 | 2,690 | 344 | 1,831 | 15,088 | 587 |
| 126 Desert Research Institute ... | 20,000 | 13,900 | 1,300 | 1,600 | 400 | 2,800 |
| 127 U WI Milwaukee | 19,995 | 8,156 | 4,111 | 374 | 5,884 | 1,470 |
| 128 U MD Baltimore County | 19,799 | 9,816 | 7,499 | 2,484 | 0 | 0 |
| 129 SUNY Binghamton | 19,310 | 6,218 | 2,815 | 1,516 | 6,097 | 2,664 |
| 130 Colorado School of Mines | 19,221 | 9,330 | 1,323 | 8,038 | 530 | 0 |
| Total, 1st 130 institutions | 15,399,914 | 8,189,560 | 1,606,226 | 1,085,435 | 3,532,991 | 985,702 |
| 131 George Mason University | 19,126 | 14,652 | 680 | 307 | 951 | 2,536 |
| 132 U of Central Florida | 18,924 | 6,970 | 3,884 | 3,081 | 4,989 | 0 |
| 133 Unif Svcs U of Hlth Sci | 18,812 | 9,218 | 0 | 0 | 9,594 | 0 |
| 134 Old Dominion University | 18,583 | 10,736 | 3,289 | 2,357 | 2,201 | 0 |
| 135 U MA Lowell | 18,328 | 11,560 | 697 | 4,920 | 1,151 | 0 |
| 136 University of Akron | 17,999 | 5,146 | 2,598 | 3,411 | 5,482 | 1,362 |
| 137 Florida International U | 17,359 | 13,828 | 1,431 | 543 | 1,137 | 420 |
| 138 Wright State University | 17,291 | 10,001 | 946 | 1,409 | 4,446 | 489 |
| 139 U TX San Antonio | 15,890 | 11,553 | 1,860 | 1,041 | 275 | 1,161 |
| 140 U TX El Paso | 15,850 | 12,873 | 1,586 | 522 | 869 | 0 |
| Total, 1st 140 institutions | 15,578,076 | 8,296,097 | 1,623,197 | 1,103,026 | 3,564,086 | 991,670 |
| 141 NC A&T State University | 15,817 | 13,362 | 124 | 366 | 1,304 | 661 |
| 142 South Dakota State U | 15,671 | 5,650 | 7,047 | 759 | 1,410 | 805 |
| 143 U of Nevada Las Vegas | 15,628 | 9,221 | 1,708 | 2,058 | 2,641 | 0 |
| 144 U PR Med Sci Campus | 15,575 | 12,978 | 349 | 311 | 1,937 | 0 |
| 145 SUNY Hlth Sci Ctr Syrcse ... | 14,914 | 7,188 | 642 | 195 | 536 | 6,353 |
| 146 U TX Dallas | 14,561 | 6,719 | 1,468 | 1,275 | 2,949 | 2,150 |
| 147 Western Illinois U | 14,152 | 8,804 | 2,479 | 119 | 1,802 | 948 |
| 148 CUNY Hunter College | 14,037 | 6,895 | 1,349 | 950 | 3,396 | 1,447 |
| 149 Med Col of Ohio Toledo | 13,469 | 9,766 | 636 | 458 | 1,958 | 651 |
| 150 U of South Alabama | 13,083 | 9,709 | 606 | 2,353 | 415 | 0 |
| Total, 1st 150 institutions | 15,724,983 | 8,386,389 | 1,639,605 | 1,111,870 | 3,582,434 | 1,004,685 |
| Total, all other sampled insts. | 431,408 | 250,314 | 46,970 | 32,674 | 81,689 | 19,761 |
| Estimated total non-sampled insts. | 234,788 | 115,474 | 22,902 | 13,581 | 72,947 | 9,884 |

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

KEY: -- = not available
e = estimated
i = imputed

SOURCE: National Science Foundation/SRS, Survey of Research and Development Expenditures at Universities and Colleges, Fiscal Year 1997