

TABLE 66. R&D expenditures in non-science and engineering fields at universities and colleges, ranked by total expenditures in non-S&E fields: FY 2004
(Dollars in thousands)

| Rank | Institution | All S&E R&D expenditures | Non-S&E fields | | | | | | | | |
|------|---|--------------------------|----------------|-------------------------|---|-----------|------------|--------|-------------|----------------------------|----------------------|
| | | | Total | Business and management | Communications, journalism, and library science | Education | Humanities | Law | Social work | Visual and performing arts | Other non-S&E fields |
| | Institutions reporting non-S&E R&D expenditures | 37,004,647 | 1,564,698 | 215,972 | 67,182 | 703,606 | 157,405 | 49,469 | 74,562 | 35,747 | 237,347 |
| 1 | U. WI Madison | 763,875 | 66,247 | 12,253 | 2,435 | 31,911 | 15,361 | 2,161 | 376 | 326 | 1,424 |
| 2 | Purdue U. all campuses | 365,779 | 40,195 | 14,746 | 224 | 4,417 | 1,559 | 0 | 0 | 157 | 19,092 |
| 3 | U. TX Austin | 343,886 | 38,507 | 3,169 | 4,993 | 10,781 | 447 | 284 | 2,791 | 257 | 15,785 |
| 4 | OR State U. | 170,286 | 36,915 | 0 | 240 | 629 | 44 | 0 | 0 | 0 | 36,002 |
| 5 | Harvard U. | 454,495 | 35,303 | 43 | 74 | 10,907 | 767 | 2,652 | 0 | 248 | 20,612 |
| 6 | U. MI all campuses | 769,126 | 33,879 | 6,128 | 287 | 16,594 | 2,278 | 1,710 | 5,878 | 848 | 156 |
| 7 | FL State U. | 168,132 | 33,751 | 1,549 | 444 | 24,769 | 830 | 809 | 3,307 | 2,043 | 0 |
| 8 | U. South FL | 240,021 | 33,403 | 1,757 | 2,761 | 26,281 | 166 | 0 | 2,147 | 101 | 190 |
| 9 | OH State U. all campuses | 518,088 | 33,180 | 742 | 547 | 27,023 | 1,889 | 499 | 0 | 1,840 | 640 |
| 10 | U. Central FL | 103,261 | 29,561 | 21,908 | 0 | 7,343 | 55 | 197 | 0 | 58 | 0 |
| 11 | U. IL Urbana-Champaign | 506,041 | 27,208 | 1,134 | 2,652 | 9,378 | 1,845 | 527 | 9,991 | 948 | 733 |
| 12 | U. MD College Park | 325,648 | 25,125 | 3,536 | 1,729 | 9,668 | 10,192 | 0 | 0 | 0 | 0 |
| 13 | KY State U. | 3,298 | 23,467 | 0 | 0 | 18,299 | 627 | 0 | 0 | 0 | 4,541 |
| 14 | Northwestern U. | 358,947 | 23,074 | 15,858 | 998 | 3,803 | 872 | 978 | 0 | 565 | 0 |
| 15 | U. Southern CA | 426,665 | 22,950 | 1,228 | 5,825 | 4,557 | 3,822 | 1,601 | 4,143 | 1,774 | 0 |
| 16 | MI State U. | 325,438 | 22,728 | 1,785 | 1,876 | 13,315 | 1,812 | 0 | 116 | 324 | 3,500 |
| 17 | U. PA | 596,756 | 22,159 | 2,420 | 1,402 | 17,302 | 387 | 648 | 0 | 0 | 0 |
| 18 | U. GA | 313,160 | 21,081 | 102 | 797 | 12,495 | 2,409 | 1,421 | 0 | 3,857 | 0 |
| 19 | Southern IL U. Edwardsville | 18,973 | 20,210 | 585 | 160 | 16,346 | 49 | 0 | 237 | 275 | 2,558 |
| 20 | George Washington U. | 103,473 | 18,729 | 42 | 150 | 16,896 | 723 | 918 | 0 | 0 | 0 |
| 21 | Rutgers, The State U. NJ all campuses | 296,534 | 18,110 | 1,623 | 2,596 | 9,201 | 537 | 248 | 2,476 | 77 | 1,352 |
| 22 | MA Institute of Technology | 543,448 | 17,970 | 10,705 | 218 | 5,735 | 580 | 0 | 0 | 135 | 597 |
| 23 | CA State U. Northridge | 10,305 | 17,738 | 6,315 | 54 | 9,065 | 51 | 0 | 0 | 397 | 1,856 |
| 24 | IN U. all campuses | 384,168 | 17,605 | 8,439 | 1,545 | 4,700 | 253 | 59 | 119 | 720 | 1,770 |
| 25 | U. Memphis, The | 44,120 | 17,353 | NA | NA | NA | NA | NA | NA | NA | NA |
| 26 | U. NE all campuses | 299,090 | 15,784 | 2,609 | 698 | 3,281 | 7,401 | 1,438 | 15 | 143 | 199 |
| 27 | San Jose State U. | 29,268 | 14,852 | 3,377 | 0 | 3,993 | 265 | 0 | 1,373 | 225 | 5,619 |
| 28 | Wichita State U. | 29,948 | 14,577 | 1,063 | 311 | 6,937 | 11 | 722 | 5,498 | 35 | 0 |
| 29 | FL A&M U. | 31,408 | 13,615 | 0 | 38 | 13,577 | 0 | 0 | 0 | 0 | 0 |
| 30 | TX A&M U. all campuses | 456,809 | 13,515 | 4,256 | 224 | 6,826 | 1,033 | 1,174 | 0 | 2 | 0 |
| 31 | Stanford U. | 671,046 | 13,368 | 681 | 1,142 | 10,689 | 367 | 473 | 0 | 16 | 0 |
| 32 | U. KS all campuses | 181,192 | 13,248 | 234 | 49 | 10,809 | 1,497 | 21 | 311 | 327 | 0 |
| 33 | U. NC Greensboro | 3,762 | 13,118 | 19 | 0 | 12,145 | 942 | 0 | 0 | 5 | 7 |
| 34 | VA Commonwealth U. | 132,839 | 12,887 | 459 | 8 | 5,661 | 2 | 0 | 453 | 12 | 6,292 |
| 35 | U. KY all campuses | 297,610 | 12,860 | 3,456 | 3,850 | 1,805 | 584 | 35 | 334 | 381 | 2,415 |
| 36 | PA State U. all campuses | 600,139 | 12,215 | 6,361 | 1,085 | 2,461 | 1,456 | 290 | 0 | 562 | 0 |

TABLE 66. R&D expenditures in non-science and engineering fields at universities and colleges, ranked by total expenditures in non-S&E fields: FY 2004
(Dollars in thousands)

| Rank | Institution | All S&E R&D expenditures | Total | Non-S&E fields | | | | | | | Other non-S&E fields |
|------|-------------------------------------|--------------------------|--------|-------------------------|---|-----------|------------|-------|-------------|----------------------------|----------------------|
| | | | | Business and management | Communications, journalism, and library science | Education | Humanities | Law | Social work | Visual and performing arts | |
| 37 | CA State U. Dominguez Hills | 5,320 | 11,926 | 0 | 0 | 6,960 | 441 | 0 | 0 | 0 | 4,525 |
| 38 | U. FL | 447,146 | 11,603 | 834 | 2,640 | 3,779 | 640 | 127 | 0 | 226 | 3,357 |
| 39 | GA State U. | 45,415 | 10,746 | 3,665 | 27 | 2,471 | 651 | 772 | 1,304 | 256 | 1,600 |
| 40 | Princeton U. | 188,373 | 10,695 | 0 | 17 | 1,142 | 9,128 | 0 | 0 | 319 | 89 |
| 41 | San Diego State U. | 66,710 | 10,672 | 2,434 | 460 | 3,129 | 2,202 | 0 | 1,345 | 693 | 409 |
| 42 | AZ State U. main campus | 152,164 | 10,561 | 2,237 | 159 | 2,639 | 1,701 | 184 | 0 | 2,260 | 1,381 |
| 43 | U. TX El Paso | 25,440 | 10,266 | 67 | 788 | 8,612 | 658 | 0 | 1 | 0 | 140 |
| 44 | U. MO-Columbia | 217,550 | 10,042 | 193 | 1,536 | 2,492 | 825 | 98 | 423 | 557 | 3,918 |
| 45 | U. AR Little Rock | 4,127 | 9,658 | 883 | 0 | 7,086 | 43 | 91 | 0 | 0 | 1,555 |
| 46 | SUNY Buffalo all campuses | 258,952 | 9,563 | 1,738 | 125 | 4,165 | 412 | 151 | 448 | 0 | 2,524 |
| 47 | U. CO all campuses | 482,992 | 9,477 | 1,981 | 673 | 6,266 | 21 | 4 | 0 | 0 | 532 |
| 48 | Fayetteville State U. | 166 | 9,420 | 0 | 122 | 8,835 | 0 | 0 | 0 | 12 | 451 |
| 49 | CO State U. | 214,888 | 9,329 | 1,196 | 881 | 2,410 | 76 | 0 | 0 | 66 | 4,700 |
| 50 | FL International U. | 63,545 | 9,179 | 1,082 | 1,914 | 2,224 | 1,043 | 471 | 2,346 | 99 | 0 |
| 51 | U. WI Milwaukee | 28,268 | 9,114 | 3,973 | 478 | 1,712 | 1,128 | 0 | 1,207 | 7 | 609 |
| 52 | Polytechnic U. | 11,627 | 8,952 | 0 | 0 | 8,341 | 611 | 0 | 0 | 0 | 0 |
| 53 | U. Cincinnati all campuses | 276,326 | 8,874 | 1,188 | 90 | 2,029 | 2,134 | 0 | 166 | 3,267 | 0 |
| 54 | Central WA U. | 3,134 | 8,792 | 1 | 0 | 1,244 | 160 | 0 | 0 | 0 | 7,387 |
| 55 | U. MS all campuses | 79,867 | 8,782 | 103 | 5 | 134 | 1,040 | 1,339 | 0 | 12 | 6,149 |
| 56 | Western IL U. | 1,404 | 8,650 | 550 | 0 | 8,100 | 0 | 0 | 0 | 0 | 0 |
| 57 | George Mason U. | 46,210 | 8,553 | 20 | 18 | 892 | 1,608 | 5,961 | 54 | 0 | 0 |
| 58 | U. Louisville | 110,653 | 8,503 | 424 | 112 | 1,849 | 135 | 138 | 258 | 90 | 5,497 |
| 59 | Western MI U. | 13,912 | 8,502 | 139 | 111 | 8,165 | 62 | 0 | 0 | 25 | 0 |
| 60 | U. MN all campuses | 515,061 | 8,441 | 31 | 115 | 2,979 | 1,502 | 1,090 | 1,562 | 588 | 574 |
| 61 | U. NH | 103,935 | 8,250 | 1,576 | 0 | 5,695 | 472 | 0 | 254 | 0 | 253 |
| 62 | MS State U. | 191,352 | 8,208 | 650 | 129 | 5,655 | 855 | 0 | 0 | 229 | 690 |
| 63 | U. OR | 51,956 | 8,148 | 0 | 0 | 7,766 | 59 | 323 | 0 | 0 | 0 |
| 64 | C. of William and Mary all campuses | 49,420 | 8,100 | 703 | 0 | 6,571 | 732 | 64 | 3 | 27 | 0 |
| 65 | FL Gulf Coast U. | 1,407 | 8,072 | 995 | 2,644 | 3,356 | 0 | 0 | 253 | 0 | 824 |
| 66 | U. AR main campus | 88,918 | 7,745 | 886 | 58 | 2,688 | 1,410 | 938 | 179 | 193 | 1,393 |
| 67 | Wayne State U. | 225,475 | 7,657 | 315 | 0 | 1,484 | 1,025 | 13 | 0 | 81 | 4,739 |
| 68 | U. IA | 312,914 | 7,527 | 990 | 106 | 2,503 | 795 | 3,071 | 0 | 62 | 0 |
| 69 | Stevens Institute of Technology | 22,814 | 7,340 | 288 | 0 | 7,052 | 0 | 0 | 0 | 0 | 0 |
| 70 | Western Carolina U. | 2,414 | 6,731 | 0 | 0 | 3,729 | 3,002 | 0 | 0 | 0 | 0 |
| 71 | Clemson U. | 158,585 | 6,554 | 136 | 0 | 4,867 | 317 | 0 | 0 | 70 | 1,164 |
| 72 | IA State U. | 211,996 | 6,374 | 1,426 | 0 | 2,505 | 133 | 0 | 0 | 15 | 2,295 |
| 73 | U. HI Hilo | 4,978 | 6,247 | 0 | 0 | 6,239 | 0 | 0 | 0 | 8 | 0 |
| 74 | CA State U. San Bernardino | 8,755 | 6,212 | 458 | 0 | 546 | 0 | 0 | 1,584 | 651 | 2,973 |

TABLE 66. R&D expenditures in non-science and engineering fields at universities and colleges, ranked by total expenditures in non-S&E fields: FY 2004
(Dollars in thousands)

| Rank | Institution | All S&E R&D expenditures | Non-S&E fields | | | | | | | | Other non-S&E fields |
|------|-------------------------------|--------------------------|----------------|-------------------------|---|-----------|------------|-------|-------------|----------------------------|----------------------|
| | | | Total | Business and management | Communications, journalism, and library science | Education | Humanities | Law | Social work | Visual and performing arts | |
| 75 | U. SC all campuses | 121,671 | 6,194 | 302 | 87 | 1,624 | 764 | 157 | 3,217 | 43 | 0 |
| 76 | SUNY Stony Brook all campuses | 213,547 | 5,939 | 0 | 8 | 0 | 367 | 0 | 0 | 53 | 5,511 |
| 77 | MT State U. Bozeman | 97,696 | 5,860 | 0 | 1,139 | 1,014 | 79 | 0 | 226 | 138 | 3,264 |
| 78 | U. LA Lafayette | 55,218 | 5,858 | 1,295 | 321 | 2,128 | 1,476 | 0 | 124 | 477 | 37 |
| 79 | U. MA Amherst | 120,788 | 5,790 | 2,683 | 0 | 2,579 | 256 | 136 | 0 | 136 | 0 |
| 80 | Wellesley C. | 5,714 | 5,525 | 1,494 | 15 | 5 | 57 | 0 | 0 | 41 | 3,913 |
| 81 | U. OK all campuses | 158,578 | 5,384 | 53 | 5 | 3,860 | 1,031 | 162 | 0 | 36 | 237 |
| 82 | U. North TX | 11,958 | 5,166 | 1,666 | 533 | 2,295 | 324 | 0 | 0 | 348 | 0 |
| 83 | U. MO-Rolla | 41,242 | 5,146 | 1,101 | 14 | 0 | 11 | 0 | 0 | 0 | 4,020 |
| 84 | Georgetown U. | 126,320 | 5,067 | 59 | 70 | 764 | 2,996 | 1,173 | 5 | 0 | 0 |
| 85 | Fairfield U. | 1,926 | 4,981 | 1,569 | 80 | 58 | 1,329 | 0 | 0 | 444 | 1,501 |
| 86 | Tufts U. | 126,432 | 4,975 | 0 | 611 | 258 | 2,617 | 649 | 0 | 137 | 703 |
| 87 | U. Denver | 12,500 | 4,939 | 23 | 80 | 413 | 0 | 3,831 | 592 | 0 | 0 |
| 88 | U. VA all campuses | 228,532 | 4,870 | 0 | 200 | 2,889 | 997 | 744 | 0 | 0 | 40 |
| 89 | U. Pittsburgh all campuses | 461,693 | 4,864 | 237 | 0 | 4,506 | 0 | 11 | 0 | 0 | 110 |
| 90 | Winston-Salem State U. | 2,073 e | 4,816 e | 0 e | 0 e | 3,679 e | 0 e | 0 e | 1,137 e | 0 e | 0 e |
| 91 | U. Houston | 60,962 | 4,730 | NA | NA | NA | NA | NA | NA | NA | NA |
| 92 | CUNY Graduate Ctr. | 5,106 | 4,678 | 0 | 0 | 1,469 | 870 | 0 | 0 | 0 | 2,339 |
| 93 | U. IL Chicago | 307,699 | 4,534 | 513 | 83 | 3,457 | 386 | 0 | 0 | 95 | 0 |
| 94 | Gallaudet U. | 1,804 | 4,507 | 0 | 0 | 4,507 | 0 | 0 | 0 | 0 | 0 |
| 95 | LA State U. all campuses | 341,634 | 4,413 | 494 | 233 | 423 | 1,668 | 1,031 | 60 | 219 | 285 |
| 96 | Vanderbilt U. | 318,335 | 4,299 | 0 | 996 | 2,555 | 245 | 44 | 0 | 4 | 455 |
| 97 | SUNY Albany | 203,977 | 4,180 | 0 | 0 | 4,055 | 125 | 0 | 0 | 0 | 0 |
| 98 | U. of Notre Dame | 74,255 | 4,173 | 670 | 0 | 2 | 1,775 | 80 | 0 | 89 | 1,557 |
| 99 | NM Highlands U. | 2,032 | 4,155 | 145 | 0 | 4,000 | 0 | 0 | 10 | 0 | 0 |
| 100 | Old Dominion U. | 34,819 | 4,103 | 211 | 26 | 3,654 | 4 | 0 | 0 | 11 | 197 |
| 101 | U. NC Chapel Hill | 416,727 | 4,046 | 799 | 1,300 | 1,652 | 225 | 10 | 0 | 60 | 0 |
| 102 | U. CT all campuses | 211,236 | 3,862 | 907 | 306 | 887 | 519 | 48 | 1,083 | 109 | 3 |
| 103 | U. AZ | 478,680 | 3,822 | 1,155 | 1 | 21 | 2,472 | 60 | 0 | 113 | 0 |
| 104 | SUNY C. Plattsburgh | 1,224 | 3,726 | 388 | 20 | 1,896 | 0 | 0 | 130 | 0 | 1,292 |
| 105 | Eastern MI U. | 3,266 | 3,590 | 120 | 28 | 2,320 | 877 | 0 | 197 | 8 | 40 |
| 106 | Kent State U. all campuses | 12,712 | 3,571 | 10 | 884 | 1,052 | 329 | 65 | 0 | 0 | 1,231 |
| 107 | LA Tech U. | 16,118 | 3,516 | 2,176 | 16 | 618 | 398 | 0 | 0 | 308 | 0 |
| 108 | CUNY Hunter C. | 34,931 | 3,505 | 0 | 314 | 879 | 783 | 0 | 1,234 | 295 | 0 |
| 109 | Boston U. | 240,867 | 3,492 | 593 | 1 | 441 | 502 | 9 | 1,529 | 0 | 417 |
| 110 | Claremont Graduate U. | 2,295 | 3,460 | 604 | 0 | 1,838 | 404 | 0 | 0 | 15 | 599 |
| 111 | Washington U. St. Louis | 489,565 | 3,433 | 1,086 | 0 | 2,151 | 93 | 103 | 0 | 0 | 0 |

TABLE 66. R&D expenditures in non-science and engineering fields at universities and colleges, ranked by total expenditures in non-S&E fields: FY 2004
(Dollars in thousands)

| Rank | Institution | All S&E R&D expenditures | Non-S&E fields | | | | | | | | Other non-S&E fields |
|------|---------------------------------------|--------------------------|----------------|-------------------------|---|-----------|------------|-------|-------------|----------------------------|----------------------|
| | | | Total | Business and management | Communications, journalism, and library science | Education | Humanities | Law | Social work | Visual and performing arts | |
| 112 | WA State U. | 171,735 | 3,407 | 88 | 383 | 2,216 | 720 | 0 | 0 | 0 | 0 |
| 113 | Southern CT State U. | 424 | 3,327 | 107 | 689 | 446 | 1,362 | 0 | 243 | 11 | 469 |
| 114 | Case Western Reserve U. | 231,800 | 3,272 | 408 | 0 | 0 | 166 | 62 | 2,567 | 69 | 0 |
| 115 | Brandeis U. | 51,498 | 3,259 | 0 | 14 | 2,668 | 0 | 428 | 0 | 149 | 0 |
| 116 | Brigham Young U. all campuses | 23,565 | 3,255 | 536 | 5 | 649 | 1,926 | 7 | 0 | 12 | 120 |
| 117 | Ball State U. | 7,483 | 3,250 | 586 | 2 | 2,330 | 140 | 0 | 0 | 0 | 192 |
| 118 | Teachers C. Columbia U. | 9,684 | 3,246 | 0 | 0 | 3,246 | 0 | 0 | 0 | 0 | 0 |
| 119 | U. MO-Kansas City | 31,968 | 3,240 | 740 | 35 | 60 | 367 | 0 | 173 | 349 | 1,516 |
| 120 | Emory U. | 311,685 | 3,164 | 0 | 0 | 526 | 1,144 | 1,494 | 0 | 0 | 0 |
| 121 | CA State U. Fullerton | 4,432 | 2,999 | 1,437 | 8 | 1,401 | 0 | 0 | 137 | 14 | 2 |
| 122 | UT State U. | 153,616 | 2,850 | 90 | 14 | 2,656 | 78 | 0 | 6 | 6 | 0 |
| 123 | Wabash C. | 454 | 2,840 | 0 | 0 | 1 | 2,839 | 0 | 0 | 0 | 0 |
| 124 | West Chester U. PA | 1,956 | 2,830 | 643 | 3 | 341 | 243 | 0 | 0 | 31 | 1,569 |
| 125 | U. Rochester | 312,303 | 2,776 | 57 | 332 | 1,764 | 117 | 0 | 0 | 506 | 0 |
| 126 | Northeastern IL U. | 206 | 2,753 | 0 | 15 | 2,669 | 0 | 0 | 12 | 57 | 0 |
| 127 | Temple U. | 76,055 | 2,627 | 77 | 0 | 1,058 | 188 | 173 | 847 | 253 | 31 |
| 128 | Carnegie Mellon U. | 205,149 | 2,623 | 0 | 0 | 0 | 1,327 | 0 | 0 | 1,296 | 0 |
| 129 | Rowan U. | 6,177 | 2,603 | 46 | 57 | 2,402 | 59 | 0 | 0 | 39 | 0 |
| 130 | GA Southern U. | 2,042 | 2,468 | 214 | 0 | 1,876 | 20 | 0 | 303 | 0 | 55 |
| 131 | U. Dayton | 63,734 | 2,424 | 0 | 0 | 1,938 | 347 | 0 | 0 | 139 | 0 |
| 132 | U. Chicago | 272,390 | 2,404 | 957 | 0 | 0 | 212 | 0 | 912 | 0 | 323 |
| 133 | U. West FL | 7,805 | 2,388 | 173 | 217 | 1,960 | 9 | 0 | 29 | 0 | 0 |
| 134 | WV U. | 108,002 | 2,342 | 0 | 179 | 196 | 1,189 | 113 | 140 | 40 | 485 |
| 135 | Clark U. | 5,638 e | 2,318 e | 0 e | 0 e | 2,318 e | 0 e | 0 e | 0 e | 0 e | 0 e |
| 136 | CUNY City C. | 25,947 | 2,285 | 0 | 0 | 727 | 46 | 0 | 42 | 0 | 1,470 |
| 137 | U. MO-St. Louis | 12,429 | 2,255 | 267 | 12 | 228 | 165 | 0 | 34 | 43 | 1,506 |
| 138 | Drexel U. | 76,120 | 2,159 | 434 | 225 | 0 | 185 | 0 | 0 | 213 | 1,102 |
| 139 | Rose-Hulman Institute of Technology | 6,388 | 2,143 | 0 | 0 | 2,143 | 0 | 0 | 0 | 0 | 0 |
| 140 | KS State U. | 119,306 | 2,088 | 1 | 341 | 987 | 10 | 0 | 92 | 3 | 654 |
| 141 | VA Polytechnic Institute and State U. | 268,752 | 2,042 | 307 | 0 | 353 | 284 | 0 | 0 | 273 | 825 |
| 142 | Shaw U. | 1,270 | 2,023 | 0 | 115 | 1,606 | 62 | 0 | 0 | 0 | 240 |
| 143 | Baylor U. | 5,242 | 1,930 | 31 | 7 | 88 | 87 | 0 | 938 | 9 | 770 |
| 144 | U. TN all campuses | 228,760 | 1,920 | 56 | 0 | 0 | 543 | 286 | 641 | 19 | 375 |
| 145 | Pace U. all campuses | 1,099 | 1,896 | 494 | 0 | 8 | 533 | 388 | 0 | 0 | 473 |
| 146 | U. LA Monroe | 5,086 | 1,879 | 1,879 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 147 | U. North FL | 3,029 | 1,861 | 0 | 0 | 1,386 | 475 | 0 | 0 | 0 | 0 |
| 148 | Tarleton State U. | 7,194 | 1,832 | 0 | 0 | 249 | 16 | 0 | 0 | 0 | 1,567 |
| 149 | John Carroll U. | 478 | 1,819 | 0 | 0 | 1,819 | 0 | 0 | 0 | 0 | 0 |

TABLE 66. R&D expenditures in non-science and engineering fields at universities and colleges, ranked by total expenditures in non-S&E fields: FY 2004
(Dollars in thousands)

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|------|-----------------------------------|--------------------------|----------------|-------------------------|---|-----------|------------|-----|-------------|----------------------------|----------------------|
| | | | Total | Business and management | Communications, journalism, and library science | Education | Humanities | Law | Social work | Visual and performing arts | |
| 150 | U. NC Charlotte | 17,425 | 1,800 | 46 | 0 | 1,011 | 39 | 0 | 479 | 15 | 210 |
| 151 | U. MA Lowell | 22,163 | 1,772 | 12 | 0 | 527 | 2 | 183 | 0 | 26 | 1,022 |
| 152 | Bryn Mawr C. | 5,664 | 1,753 | 0 | 0 | 37 | 1,223 | 0 | 442 | 51 | 0 |
| 153 | Southwest MO State U. | 2,935 | 1,742 | 150 | 0 | 1,585 | 0 | 0 | 7 | 0 | 0 |
| 154 | U. PR Mayaguez Campus | 16,686 | 1,700 | 0 | 0 | 1,700 | 0 | 0 | 0 | 0 | 0 |
| 155 | Southern Methodist U. | 10,432 | 1,697 | 174 | 0 | 1,028 | 171 | 26 | 0 | 0 | 298 |
| 156 | Duquesne U. | 8,082 | 1,663 | 791 | 0 | 429 | 54 | 260 | 0 | 129 | 0 |
| 157 | West TX A&M U. | 3,879 | 1,624 | 1,098 | 0 | 383 | 133 | 0 | 0 | 0 | 10 |
| 158 | Western WA U. | 4,519 | 1,605 | 263 | 0 | 424 | 267 | 0 | 647 | 0 | 4 |
| 159 | Seton Hall U. | 1,941 | 1,602 | 0 | 0 | 1,170 | 432 | 0 | 0 | 0 | 0 |
| 160 | U. DE | 109,985 | 1,595 | 291 | 0 | 1,240 | 64 | 0 | 0 | 0 | 0 |
| 161 | TX Christian U. | 3,960 | 1,575 | 29 | 42 | 1,336 | 10 | 0 | 0 | 143 | 15 |
| 162 | Cornell U. all campuses | 575,554 | 1,539 | 395 | 13 | 0 | 807 | 1 | 0 | 0 | 323 |
| 163 | Marshall U. | 20,221 | 1,536 | 397 | 0 | 1,127 | 12 | 0 | 0 | 0 | 0 |
| 164 | U. Northern IA | 1,424 | 1,515 | 0 | 0 | 1,393 | 7 | 0 | 110 | 0 | 5 |
| 165 | U. Miami | 194,446 | 1,472 | 25 | 0 | 1,434 | 2 | 0 | 0 | 0 | 11 |
| 166 | U. WI La Crosse | 1,963 | 1,465 | 1,242 | 6 | 1 | 9 | 0 | 0 | 0 | 207 |
| 167 | CUNY Brooklyn C. | 3,917 | 1,457 | 1 | 377 | 560 | 413 | 34 | 0 | 72 | 0 |
| 168 | U.S. Air Force Academy | 29,998 | 1,424 | 714 | 0 | 13 | 280 | 87 | 0 | 0 | 330 |
| 169 | IL Institute of Technology | 22,948 | 1,416 | 97 | 0 | 416 | 58 | 845 | 0 | 0 | 0 |
| 170 | U. ID | 93,246 | 1,406 | 0 | 5 | 1,394 | 1 | 0 | 0 | 6 | 0 |
| 171 | U. UT | 237,159 | 1,397 | 281 | 49 | 582 | 334 | 11 | 0 | 140 | 0 |
| 172 | Loyola U. Chicago | 36,134 | 1,391 | 468 | 0 | 845 | 44 | 5 | 29 | 0 | 0 |
| 173 | St. Cloud State U. | 2,005 | 1,367 | 0 | 356 | 542 | 260 | 0 | 209 | 0 | 0 |
| 174 | U. NV, Reno | 83,552 | 1,365 | 392 | 6 | 426 | 525 | 2 | 0 | 14 | 0 |
| 175 | TX State U. San Marcos | 9,130 | 1,320 | 70 | 0 | 1,200 | 50 | 0 | 0 | 0 | 0 |
| 176 | CA State U. Long Beach | 9,877 | 1,309 | 0 | 0 | 1,000 | 25 | 0 | 184 | 46 | 54 |
| 177 | Rochester Institute of Technology | 19,423 | 1,288 | 158 | 0 | 1,104 | 23 | 0 | 3 | 0 | 0 |
| 178 | IL State U. | 4,498 | 1,278 | 0 | 0 | 961 | 3 | 0 | 19 | 0 | 295 |
| 179 | Tuskegee U. | 11,519 | 1,262 | 0 | 0 | 1,262 | 0 | 0 | 0 | 0 | 0 |
| 180 | Catholic U. America, The | 23,610 | 1,244 | 0 | 2 | 576 | 166 | 170 | 85 | 0 | 245 |
| 181 | Northern IL U. | 11,687 | 1,231 | 0 | 250 | 554 | 15 | 0 | 412 | 0 | 0 |
| 182 | Cleveland State U. | 16,888 | 1,204 | 55 | 104 | 421 | 408 | 0 | 124 | 76 | 16 |
| 183 | Hamilton C. (Clinton, NY) | 1,393 | 1,188 | 0 | 18 | 268 | 368 | 0 | 521 | 13 | 0 |
| 184 | Dickinson C. | 1,608 | 1,187 | 6 | 0 | 0 | 1,147 | 0 | 0 | 34 | 0 |
| 185 | Duke U. | 520,871 | 1,123 | 12 | 0 | 0 | 1,050 | 57 | 0 | 4 | 0 |
| 186 | U. ME | 81,216 | 1,109 | 0 | 0 | 330 | 779 | 0 | 0 | 0 | 0 |

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| Rank | Institution | All S&E R&D expenditures | Total | Non-S&E fields | | | | | | | |
|------|---|--------------------------|-------|-------------------------|---|-----------|------------|-----|-------------|----------------------------|----------------------|
| | | | | Business and management | Communications, journalism, and library science | Education | Humanities | Law | Social work | Visual and performing arts | Other non-S&E fields |
| 187 | U. MA Boston | 15,460 | 1,093 | 162 | 0 | 212 | 59 | 0 | 651 | 9 | 0 |
| 188 | U. MT, The | 51,078 | 1,078 | 174 | 357 | 472 | 38 | 1 | 12 | 24 | 0 |
| 189 | Smith C. | 2,631 | 1,056 | 219 | 149 | 272 | 192 | 0 | 170 | 45 | 9 |
| 190 | U. AK Fairbanks all campuses | 132,212 | 1,039 | 0 | 4 | 609 | 426 | 0 | 0 | 0 | 0 |
| 191 | U. AL Huntsville, The | 49,259 | 974 | NA | NA | NA | NA | NA | NA | NA | NA |
| 192 | TX A&M U. Corpus Christi | 12,266 | 972 | 12 | 0 | 922 | 28 | 0 | 0 | 0 | 10 |
| 193 | U. Southern MS | 35,908 | 950 | 213 | 2 | 413 | 308 | 0 | 11 | 3 | 0 |
| 194 | NM State U. all campuses | 93,329 | 949 | 643 | 282 | 1 | 0 | 0 | 0 | 23 | 0 |
| 195 | CUNY Baruch C. | 687 | 936 | 2 | 7 | 0 | 49 | 0 | 0 | 0 | 878 |
| 196 | Auburn U. all campuses | 125,705 | 914 | 515 | 0 | 212 | 187 | 0 | 0 | 0 | 0 |
| 197 | OH U. all campuses | 38,704 | 914 | 118 | 316 | 64 | 140 | 0 | 0 | 37 | 239 |
| 198 | Calvin C. | 1,907 | 846 | 0 | 156 | 96 | 449 | 0 | 0 | 145 | 0 |
| 199 | Northern AZ U. | 19,967 | 842 | 25 | 8 | 385 | 106 | 0 | 311 | 7 | 0 |
| 200 | MT Tech of the U. MT | 5,952 | 838 | 137 | 4 | 563 | 0 | 0 | 0 | 0 | 134 |
| 201 | Yale U. | 422,828 | 836 | 0 | 0 | 0 | 600 | 236 | 0 | 0 | 0 |
| 202 | U. Northern CO | 1,966 | 828 | 0 | 0 | 818 | 10 | 0 | 0 | 0 | 0 |
| 203 | Embry-Riddle Aeronautical U. | 8,558 | 827 | 100 | 0 | 727 | 0 | 0 | 0 | 0 | 0 |
| 204 | CA State U. Fresno | 15,211 | 800 | 10 | 0 | 738 | 0 | 0 | 52 | 0 | 0 |
| 205 | Drake U. | 1,255 | 800 | 33 | 14 | 423 | 0 | 325 | 0 | 5 | 0 |
| 206 | U. AL Birmingham, The | 310,950 | 796 | 5 | 0 | 765 | 0 | 0 | 0 | 26 | 0 |
| 207 | Amherst C. | 2,604 | 779 | 0 | 0 | 0 | 446 | 0 | 182 | 143 | 8 |
| 208 | U. TX San Antonio | 15,738 | 778 | 101 | 2 | 532 | 112 | 0 | 0 | 31 | 0 |
| 209 | Macalester C. | 2,371 | 761 | 0 | 42 | 21 | 544 | 0 | 0 | 154 | 0 |
| 210 | Rice U. | 60,872 | 757 | 14 | 196 | 142 | 405 | 0 | 0 | 0 | 0 |
| 211 | GA Institute of Technology all campuses | 410,799 | 749 | 199 | 0 | 0 | 403 | 0 | 0 | 0 | 147 |
| 212 | U. AR Pine Bluff | 6,246 | 736 | 375 | 0 | 361 | 0 | 0 | 0 | 0 | 0 |
| 213 | U. IL Springfield | 1,491 | 720 | 63 | 0 | 349 | 240 | 0 | 68 | 0 | 0 |
| 214 | CUNY John Jay C. of Criminal Justice | 900 | 698 | 0 | 0 | 2 | 24 | 126 | 0 | 0 | 546 |
| 215 | U. MA Dartmouth | 18,074 | 683 | 200 | 0 | 199 | 283 | 0 | 0 | 1 | 0 |
| 216 | Grinnell C. | 964 | 674 | 0 | 0 | 0 | 463 | 0 | 0 | 211 | 0 |
| 217 | Tulane U. | 132,784 | 672 | 474 | 0 | 0 | 57 | 106 | 35 | 0 | 0 |
| 218 | U. MD Baltimore County | 49,403 | 662 | 0 | 0 | 381 | 215 | 0 | 12 | 54 | 0 |
| 219 | U. PR Rio Piedras Campus | 12,417 | 654 | 0 | 0 | 250 | 61 | 192 | 0 | 0 | 151 |
| 220 | Rensselaer Polytechnic Institute | 56,907 | 648 | 303 | 259 | 0 | 44 | 0 | 0 | 42 | 0 |
| 221 | U. Tulsa | 15,375 | 625 | 10 | 88 | 188 | 7 | 320 | 0 | 12 | 0 |
| 222 | U. WI Oshkosh | 1,252 | 624 | 159 | 0 | 233 | 3 | 0 | 0 | 0 | 229 |
| 223 | Grand Valley State U. | 4,408 | 611 | 0 | 3 | 591 | 5 | 0 | 0 | 12 | 0 |
| 224 | Roger Williams U. Bristol | 352 | 607 | 0 | 0 | 241 | 0 | 366 | 0 | 0 | 0 |

TABLE 66. R&D expenditures in non-science and engineering fields at universities and colleges, ranked by total expenditures in non-S&E fields: FY 2004
(Dollars in thousands)

| Rank | Institution | All S&E R&D expenditures | Non-S&E fields | | | | | | | | Other non-S&E fields |
|------|---|--------------------------|----------------|-------------------------|---|-----------|------------|-----|-------------|----------------------------|----------------------|
| | | | Total | Business and management | Communications, journalism, and library science | Education | Humanities | Law | Social work | Visual and performing arts | |
| 225 | Roanoke C. | 554 | 605 | 0 | 172 | 46 | 275 | 0 | 0 | 21 | 91 |
| 226 | Swarthmore C. | 2,200 | 601 | 0 | 0 | 0 | 601 | 0 | 0 | 0 | 0 |
| 227 | C. Charleston | 4,875 | 595 | 135 | 29 | 50 | 287 | 0 | 0 | 51 | 43 |
| 228 | Iona C. | 223 | 594 | 0 | 9 | 0 | 0 | 0 | 8 | 0 | 577 |
| 229 | Simmons C. | 892 | 594 | 0 | 68 | 0 | 0 | 0 | 526 | 0 | 0 |
| 230 | Black Hills State U. | 1,184 | 583 | 583 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 231 | Pomona C. | 1,996 | 575 | 0 | 0 | 0 | 575 | 0 | 0 | 0 | 0 |
| 232 | U. TX-Pan American | 3,747 | 562 | 26 | 0 | 298 | 238 | 0 | 0 | 0 | 0 |
| 233 | TX Southern U. | 4,088 | 560 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 560 |
| 234 | Alfred U. all campuses | 6,395 | 552 | 69 | 13 | 122 | 0 | 318 | 7 | 23 | 0 |
| 235 | Willamette U. | 228 | 541 | 0 | 0 | 492 | 0 | 0 | 49 | 0 | 0 |
| 236 | East Carolina U. | 13,296 | 515 | 0 | 44 | 224 | 18 | 0 | 0 | 0 | 229 |
| 237 | Eastern WA U. | 1,339 | 508 | 33 | 0 | 0 | 33 | 0 | 390 | 0 | 52 |
| 238 | U. Akron all campuses | 27,488 | 508 | 0 | 14 | 390 | 45 | 0 | 0 | 59 | 0 |
| 239 | Brown U. | 130,741 | 502 | 130 | 0 | 65 | 70 | 0 | 237 | 0 | 0 |
| 240 | U. NC Wilmington | 14,381 | 481 | 0 | 0 | 467 | 14 | 0 | 0 | 0 | 0 |
| 241 | St. Joseph's U. | 3,250 | 480 | 92 | 0 | 373 | 13 | 0 | 0 | 0 | 2 |
| 242 | U. Houston-Clear Lake | 754 | 472 | 159 | 0 | 7 | 3 | 0 | 0 | 0 | 303 |
| 243 | CA State Polytechnic U. San Luis Obispo | 9,417 | 466 | 0 | 0 | 466 | 0 | 0 | 0 | 0 | 0 |
| 244 | SUNY C. Buffalo | 2,375 | 465 | 0 | 0 | 0 | 166 | 0 | 277 | 22 | 0 |
| 245 | State U. West GA | 1,027 | 450 | 50 | 0 | 400 | 0 | 0 | 0 | 0 | 0 |
| 246 | U. VT | 114,120 | 450 | 77 | 0 | 371 | 2 | 0 | 0 | 0 | 0 |
| 247 | Seattle U. | 744 | 445 | 0 | 0 | 0 | 143 | 0 | 0 | 0 | 302 |
| 248 | Stephen F. Austin State U. | 3,663 | 445 | 1 | 0 | 394 | 0 | 0 | 0 | 50 | 0 |
| 249 | TN State U. | 15,255 | 441 | 3 | 0 | 438 | 0 | 0 | 0 | 0 | 0 |
| 250 | Wesleyan U. | 7,741 | 417 | 0 | 18 | 25 | 348 | 0 | 2 | 14 | 10 |
| 251 | Mt. Holyoke C. | 2,877 | 397 | 0 | 97 | 67 | 217 | 0 | 0 | 16 | 0 |
| 252 | Augsburg C. | 493 | 395 | 0 | 0 | 395 | 0 | 0 | 0 | 0 | 0 |
| 253 | CA State U. Monterey Bay | 3,002 | 390 | 390 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 254 | Dillard U. | 679 | 390 | 0 | 0 | 390 | 0 | 0 | 0 | 0 | 0 |
| 255 | Lafayette C. | 1,806 | 384 | 14 | 149 | 0 | 10 | 205 | 0 | 6 | 0 |
| 256 | Lewis and Clark C. | 399 | 383 | 0 | 0 | 0 | 21 | 362 | 0 | 0 | 0 |
| 257 | Fordham U. | 3,391 | 377 | 50 | 1 | 204 | 0 | 113 | 9 | 0 | 0 |
| 258 | U. San Francisco | 1,163 | 372 | 0 | 0 | 1 | 130 | 0 | 0 | 0 | 241 |
| 259 | U. TX Arlington | 19,003 | 372 | 0 | 0 | 268 | 54 | 0 | 0 | 0 | 50 |
| 260 | Loyola C. | 935 | 368 | 19 | 0 | 342 | 7 | 0 | 0 | 0 | 0 |
| 261 | U. Toledo | 27,708 | 368 | 146 | 42 | 140 | 0 | 0 | 5 | 35 | 0 |

TABLE 66. R&D expenditures in non-science and engineering fields at universities and colleges, ranked by total expenditures in non-S&E fields: FY 2004
(Dollars in thousands)

| Rank | Institution | All S&E R&D expenditures | Total | Non-S&E fields | | | | | | | Other non-S&E fields |
|------|-----------------------------------|--------------------------|-------|-------------------------|---|-----------|------------|-----|-------------|----------------------------|----------------------|
| | | | | Business and management | Communications, journalism, and library science | Education | Humanities | Law | Social work | Visual and performing arts | |
| 262 | U. NC Asheville | 1,644 | 363 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 363 |
| 263 | ID State U. | 14,385 | 358 | 351 | 0 | 7 | 0 | 0 | 0 | 0 | 0 |
| 264 | TX A&M U. Commerce | 267 | 354 | 14 | 0 | 314 | 4 | 0 | 1 | 0 | 21 |
| 265 | TX Tech U. | 57,592 | 350 | 0 | 0 | 320 | 5 | 25 | 0 | 0 | 0 |
| 266 | Lawrence Technological U. | 655 | 333 | 0 | 0 | 333 | 0 | 0 | 0 | 0 | 0 |
| 267 | U.S. Naval Academy | 5,985 | 332 | 0 | 0 | 0 | 332 | 0 | 0 | 0 | 0 |
| 268 | Marquette U. | 9,652 | 330 | 0 | 2 | 21 | 31 | 14 | 0 | 0 | 262 |
| 269 | Appalachian State U. | 555 | 329 | 0 | 2 | 301 | 8 | 0 | 16 | 2 | 0 |
| 270 | TX A&M U. Kingsville | 11,102 | 322 | 18 | 0 | 24 | 0 | 0 | 0 | 0 | 280 |
| 271 | SUNY C. Cortland | 392 | 317 | 0 | 0 | 315 | 2 | 0 | 0 | 0 | 0 |
| 272 | Loyola Marymount U. | 736 | 316 | 62 | 36 | 100 | 50 | 0 | 11 | 46 | 11 |
| 273 | Maharishi U. of Management | 2,541 e | 308 e | 100 e | 0 e | 100 e | 0 e | 0 e | 0 e | 0 e | 108 e |
| 274 | Air Force Institute of Technology | 13,001 | 305 | 305 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 275 | CO State U. Pueblo | 786 | 300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 300 |
| 276 | ND State U. all campuses | 102,115 | 297 | 5 | 67 | 216 | 6 | 0 | 0 | 3 | 0 |
| 277 | SUNY Binghamton | 25,405 | 296 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 296 |
| 278 | Central MI U. | 5,681 | 295 | 128 | 0 | 156 | 0 | 0 | 0 | 11 | 0 |
| 279 | U. AL, The | 33,835 | 295 | 10 | 27 | 0 | 0 | 11 | 218 | 0 | 29 |
| 280 | Middle TN State U. | 2,421 | 285 | 5 | 28 | 0 | 94 | 0 | 7 | 0 | 151 |
| 281 | Andrews U. | 584 | 280 | 0 | 0 | 48 | 214 | 0 | 6 | 12 | 0 |
| 282 | Kennesaw State U. | 374 | 274 | 0 | 0 | 19 | 76 | 0 | 179 | 0 | 0 |
| 283 | Southern IL U. Carbondale | 53,953 | 274 | 0 | 4 | 0 | 252 | 0 | 0 | 18 | 0 |
| 284 | U. ND all campuses | 49,595 | 269 | 43 | 0 | 26 | 177 | 0 | 13 | 10 | 0 |
| 285 | U. Portland | 634 | 260 | 119 | 3 | 127 | 0 | 0 | 11 | 0 | 0 |
| 286 | U. of St. Thomas (St. Paul, MN) | 281 | 250 | 53 | 0 | 74 | 122 | 0 | 1 | 0 | 0 |
| 287 | American U. | 1,745 | 247 | 0 | 0 | 59 | 188 | 0 | 0 | 0 | 0 |
| 288 | Dartmouth C. | 173,266 | 242 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 242 |
| 289 | East TN State U. | 7,788 | 241 | 205 | 4 | 16 | 6 | 0 | 0 | 10 | 0 |
| 290 | Lake Forest C. | 561 | 239 | 0 | 0 | 166 | 73 | 0 | 0 | 0 | 0 |
| 291 | IN State U. all campuses | 1,680 | 234 | 7 | 109 | 5 | 106 | 0 | 0 | 0 | 7 |
| 292 | U. of the Pacific | 2,961 | 229 | 194 | 0 | 0 | 0 | 0 | 0 | 35 | 0 |
| 293 | La Salle U. | 260 | 228 | 162 | 5 | 25 | 36 | 0 | 0 | 0 | 0 |
| 294 | TN Technological U. | 8,779 | 221 | 0 | 0 | 164 | 50 | 0 | 0 | 0 | 7 |
| 295 | U. WI Parkside | 608 | 218 | 215 | 2 | 0 | 1 | 0 | 0 | 0 | 0 |
| 296 | Carleton C. | 1,897 | 214 | 0 | 0 | 0 | 214 | 0 | 0 | 0 | 0 |
| 297 | Colby C. | 995 | 208 | NA | NA | NA | NA | NA | NA | NA | NA |
| 298 | Oakland U. | 6,616 | 205 | 75 | 15 | 1 | 52 | 0 | 0 | 0 | 62 |
| 299 | Prairie View A&M U. | 10,989 | 205 | 0 | 0 | 162 | 43 | 0 | 0 | 0 | 0 |

TABLE 66. R&D expenditures in non-science and engineering fields at universities and colleges, ranked by total expenditures in non-S&E fields: FY 2004
(Dollars in thousands)

| Rank | Institution | All S&E R&D expenditures | Total | Non-S&E fields | | | | | | | Other non-S&E fields |
|------|------------------------------|--------------------------|-------|-------------------------|---|-----------|------------|-----|-------------|----------------------------|----------------------|
| | | | | Business and management | Communications, journalism, and library science | Education | Humanities | Law | Social work | Visual and performing arts | |
| 300 | U. WI Stout | 1,144 | 200 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 197 |
| 301 | U. WI Whitewater | 341 | 197 | 182 | 5 | 8 | 0 | 0 | 0 | 0 | 2 |
| 302 | Western KY U. | 5,729 | 190 | 0 | 6 | 125 | 59 | 0 | 0 | 0 | 0 |
| 303 | U. Puget Sound | 398 | 186 | 1 | 0 | 2 | 174 | 0 | 0 | 9 | 0 |
| 304 | Saginaw Valley State U. | 332 | 173 | 0 | 0 | 15 | 8 | 0 | 0 | 1 | 149 |
| 305 | St. Mary's C. MD | 322 | 169 | 0 | 0 | 0 | 169 | 0 | 0 | 0 | 0 |
| 306 | CA State U. Los Angeles | 8,728 | 166 | 0 | 90 | 0 | 0 | 0 | 0 | 0 | 76 |
| 307 | Clarkson U. | 14,703 | 166 | 73 | 7 | 0 | 86 | 0 | 0 | 0 | 0 |
| 308 | CUNY Queens C. | 6,819 | 164 | 0 | 8 | 30 | 90 | 0 | 0 | 0 | 36 |
| 309 | Wright State U. all campuses | 38,052 | 161 | 17 | 0 | 10 | 134 | 0 | 0 | 0 | 0 |
| 310 | Nicholls State U. | 1,075 | 150 | 0 | 0 | 149 | 1 | 0 | 0 | 0 | 0 |
| 311 | Franklin & Marshall C. | 1,300 | 144 | 6 | 0 | 0 | 96 | 0 | 0 | 42 | 0 |
| 312 | Hartwick C. | 609 | 143 | 2 | 0 | 0 | 9 | 0 | 0 | 2 | 130 |
| 313 | Eastern OR U. | 288 | 142 | NA | NA | NA | NA | NA | NA | NA | NA |
| 314 | Eastern KY U. | 345 | 137 | 0 | 0 | 137 | 0 | 0 | 0 | 0 | 0 |
| 315 | Hampshire C. | 3,051 | 137 | 0 | 0 | 0 | 0 | 0 | 137 | 0 | 0 |
| 316 | SUNY C. Geneseo | 862 | 137 | 9 | 6 | 30 | 80 | 0 | 0 | 12 | 0 |
| 317 | Howard U. | 41,404 | 135 | 0 | 34 | 32 | 0 | 0 | 0 | 0 | 69 |
| 318 | CUNY Medgar Evers C. | 568 | 128 | 68 | 0 | 0 | 0 | 55 | 0 | 0 | 5 |
| 319 | OR Institute of Technology | 2,378 | 128 | 73 | 55 | 0 | 0 | 0 | 0 | 0 | 0 |
| 320 | Whitman C. | 714 | 125 | 0 | 0 | 0 | 125 | 0 | 0 | 0 | 0 |
| 321 | U. WI Stevens Point | 2,042 | 124 | 45 | 2 | 1 | 66 | 0 | 0 | 5 | 5 |
| 322 | CUNY Herbert H. Lehman C. | 3,291 | 118 | 0 | 0 | 75 | 43 | 0 | 0 | 0 | 0 |
| 323 | U. Richmond | 1,625 | 118 | 0 | 12 | 2 | 61 | 10 | 0 | 33 | 0 |
| 324 | CUNY C. Staten Island | 2,730 | 115 | 0 | 0 | 23 | 49 | 0 | 10 | 8 | 25 |
| 325 | Portland State U. | 21,433 e | 115 e | 0 e | 4 e | 63 e | 20 e | 0 e | 5 e | 23 e | 0 e |
| 326 | Norfolk State U. | 6,200 | 113 | 0 | 0 | 98 | 15 | 0 | 0 | 0 | 0 |
| 327 | TX Woman's U. | 2,120 | 113 | 1 | 67 | 4 | 2 | 0 | 6 | 3 | 30 |
| 328 | Northern KY U. | 876 | 109 | 3 | 13 | 6 | 48 | 3 | 0 | 27 | 9 |
| 329 | DePaul U. | 3,748 | 106 | 12 | 1 | 26 | 47 | 0 | 0 | 3 | 17 |
| 330 | U. WI Eau Claire | 1,056 | 83 | 80 | 0 | 0 | 3 | 0 | 0 | 0 | 0 |
| 331 | U. Scranton | 1,528 | 78 | 7 | 0 | 39 | 32 | 0 | 0 | 0 | 0 |
| 332 | Spelman C. | 2,481 | 77 | 0 | 0 | 0 | 77 | 0 | 0 | 0 | 0 |
| 333 | New C. FL | 305 | 75 | 0 | 0 | 16 | 50 | 0 | 0 | 9 | 0 |
| 334 | St. Louis U. all campuses | 41,189 e | 74 e | 0 e | 0 e | 0 e | 50 e | 5 e | 19 e | 0 e | 0 e |
| 335 | Coastal Carolina U. | 1,260 | 71 | 49 | 0 | 2 | 18 | 0 | 2 | 0 | 0 |
| 336 | Jarvis Christian C. | 247 | 70 | 0 | 50 | 20 | 0 | 0 | 0 | 0 | 0 |

TABLE 66. R&D expenditures in non-science and engineering fields at universities and colleges, ranked by total expenditures in non-S&E fields: FY 2004
(Dollars in thousands)

| Rank | Institution | All S&E R&D expenditures | Non-S&E fields | | | | | | | | |
|------|-------------------------------------|--------------------------|----------------|-------------------------|---|-----------|------------|-----|-------------|----------------------------|----------------------|
| | | | Total | Business and management | Communications, journalism, and library science | Education | Humanities | Law | Social work | Visual and performing arts | Other non-S&E fields |
| 337 | Christopher Newport U. | 2,029 | 62 | 22 | 40 | 0 | 0 | 0 | 0 | 0 | 0 |
| 338 | SUNY Fredonia | 193 | 59 | 0 | 0 | 59 | 0 | 0 | 0 | 0 | 0 |
| 339 | Morehead State U. | 1,443 | 57 | 0 | 0 | 2 | 45 | 0 | 0 | 10 | 0 |
| 340 | Bucknell U. | 1,817 | 55 | 0 | 0 | 0 | 2 | 0 | 0 | 53 | 0 |
| 341 | James Madison U. | 5,442 | 53 | 13 | 23 | 17 | 0 | 0 | 0 | 0 | 0 |
| 342 | Southeastern OK State U. | 383 | 52 | 0 | 0 | 52 | 0 | 0 | 0 | 0 | 0 |
| 343 | Wiley C. | 270 | 52 | 0 | 0 | 28 | 0 | 0 | 0 | 24 | 0 |
| 344 | Worcester Polytechnic Institute | 14,045 | 52 | 0 | 0 | 52 | 0 | 0 | 0 | 0 | 0 |
| 345 | Bowdoin C. | 2,073 | 50 | 0 | 0 | 4 | 33 | 5 | 0 | 8 | 0 |
| 346 | U. Redlands | 2,038 | 48 | 0 | 0 | 48 | 0 | 0 | 0 | 0 | 0 |
| 347 | U. WI Green Bay | 1,739 | 48 | 33 | 0 | 6 | 9 | 0 | 0 | 0 | 0 |
| 348 | Bowling Green State U. all campuses | 8,271 | 47 | 0 | 0 | 24 | 0 | 0 | 0 | 23 | 0 |
| 349 | Ithaca C. | 2,152 | 44 | 8 | 21 | 0 | 15 | 0 | 0 | 0 | 0 |
| 350 | OK State U. all campuses | 103,915 | 44 | 0 | 0 | 25 | 19 | 0 | 0 | 0 | 0 |
| 351 | U. Houston-Downtown | 627 | 42 | 0 | 0 | 41 | 1 | 0 | 0 | 0 | 0 |
| 352 | FL Atlantic U. | 23,767 | 38 | 0 | 0 | 2 | 0 | 0 | 20 | 16 | 0 |
| 353 | Allegheny C. | 1,007 | 37 | 0 | 0 | 0 | 37 | 0 | 0 | 0 | 0 |
| 354 | CUNY York C. | 1,710 | 37 | 0 | 0 | 20 | 17 | 0 | 0 | 0 | 0 |
| 355 | FL Institute of Technology | 7,801 | 37 | 18 | 0 | 18 | 1 | 0 | 0 | 0 | 0 |
| 356 | Gustavus Adolphus C. | 707 | 32 | 0 | 7 | 2 | 19 | 0 | 0 | 4 | 0 |
| 357 | Trinity C. (Hartford, CT) | 768 | 32 | 0 | 0 | 0 | 20 | 0 | 0 | 12 | 0 |
| 358 | Central CT State U. | 388 | 31 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 |
| 359 | Augustana C. (Rock Island, IL) | 599 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 28 |
| 360 | SD State U. | 29,564 | 28 | 0 | 0 | 0 | 0 | 0 | 0 | 28 | 0 |
| 361 | Elizabeth City State U. | 1,044 | 26 | 0 | 0 | 0 | 0 | 26 | 0 | 0 | 0 |
| 362 | Lamar U. | 3,365 | 23 | 0 | 0 | 23 | 0 | 0 | 0 | 0 | 0 |
| 363 | VA Military Institute | 543 | 23 | 0 | 5 | 0 | 18 | 0 | 0 | 0 | 0 |
| 364 | U. Detroit Mercy | 548 e | 20 e | 1 e | 0 e | 0 e | 19 e | 0 e | 0 e | 0 e | 0 e |
| 365 | U. WI Superior | 1,136 | 20 | 0 | 0 | 20 | 0 | 0 | 0 | 0 | 0 |
| 366 | Youngstown State U. | 1,831 | 20 | 3 | 0 | 1 | 16 | 0 | 0 | 0 | 0 |
| 367 | Murray State U. | 4,059 | 19 | 1 | 1 | 2 | 7 | 0 | 0 | 7 | 1 |
| 368 | Bradley U. | 1,638 | 18 | 15 | 0 | 0 | 0 | 0 | 0 | 3 | 0 |
| 369 | Pittsburg State U. | 2,101 | 15 | 0 | 0 | 15 | 0 | 0 | 0 | 0 | 0 |
| 370 | Radford U. | 195 | 15 | 0 | 0 | 4 | 1 | 0 | 0 | 0 | 10 |
| 371 | Clark Atlanta U. | 13,576 | 14 | 14 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 372 | Towson U. | 614 | 12 | 0 | 2 | 2 | 6 | 0 | 0 | 2 | 0 |
| 373 | U. of Health Sciences | 1,098 | 12 | 0 | 0 | 12 | 0 | 0 | 0 | 0 | 0 |
| 374 | Bridgewater State C. | 258 | 11 | 0 | 2 | 2 | 5 | 0 | 0 | 2 | 0 |

TABLE 66. R&D expenditures in non-science and engineering fields at universities and colleges, ranked by total expenditures in non-S&E fields: FY 2004
(Dollars in thousands)

| Rank | Institution | All S&E R&D expenditures | Non-S&E fields | | | | | | | | |
|------|---|--------------------------|----------------|-------------------------|---|-----------|------------|-----|-------------|----------------------------|----------------------|
| | | | Total | Business and management | Communications, journalism, and library science | Education | Humanities | Law | Social work | Visual and performing arts | Other non-S&E fields |
| | U. MD Baltimore | 317,293 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | U. MD Biotechnology Institute | 48,278 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | U. MD Ctr. for Environmental Science | 39,631 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | U. MA Worcester | 169,090 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | U. of Medicine and Dentistry NJ | 209,134 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | U. North TX Health Science Ctr. Ft. Worth | 18,520 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | U. PR Humacao U. C. | 3,382 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | U. PR Medical Sciences Campus | 34,092 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | U. San Diego | 895 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | U. TX Health Science Ctr. Houston | 147,328 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | U. TX Health Science Ctr. San Antonio | 137,039 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | U. TX M. D. Anderson Cancer Ctr. | 353,034 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | U. TX Medical Branch | 166,798 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | U. TX Southwestern Medical Ctr. Dallas | 314,403 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | U. of the Sciences Philadelphia | 544 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | U. of the VI | 17,874 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | U. WA | 713,976 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Valparaiso U. | 551 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | VA State U. | 5,953 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | WV School of Osteopathic Medicine | 245 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | WV State C. | 1,433 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Western U. of Health Sciences | 1,330 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Wilkes U. | 300 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Woods Hole Oceanographic Institution | 114,087 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Xavier U. LA | 5,585 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Yeshiva U. | 183,253 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

e = estimated.

NA = not available.

S&E = science and engineering.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$0 in total non-S&E R&D expenditures.

NOTES: Detail may not add to total because some respondents reporting total non-S&E R&D expenditures did not break out these funds by non-S&E field. Institutions that did not respond to this item or provide non-S&E R&D expenditures by non-S&E field are not listed in this table. Tied institutions are ranked alphabetically.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Research and Development Expenditures at Universities and Colleges, FY 2004.