

TABLE 57. Total and federally financed R&D expenditures in the mathematical sciences at universities and colleges, ranked by FY 2006 total for the first 100 institutions: FY 2003–06

(Dollars in thousands)

| Rank | Institution | Total | | | | Federally financed | | | |
|------|---|---------|---------------------|---------|---------|--------------------|--------------------|---------|---------|
| | | 2003 | 2004 | 2005 | 2006 | 2003 | 2004 | 2005 | 2006 |
| | All institutions | 427,987 | 448,491 | 494,533 | 530,226 | 294,721 | 317,869 | 346,287 | 372,621 |
| 1 | George Washington U. | 17,960 | 25,499 | 33,307 | 40,151 | 17,073 | 24,328 | 31,516 | 38,015 |
| 2 | Johns Hopkins U., The ^a | 26,304 | 28,727 | 27,874 | 27,163 | 25,310 | 28,345 | 25,946 | 26,529 |
| 3 | U. TX Austin | 15,386 | 14,454 | 18,672 | 21,715 | 11,688 | 10,608 | 11,698 | 12,471 |
| 4 | U. TX M. D. Anderson Cancer Ctr. | 14,720 | 14,950 | 17,543 | 21,675 | 4,256 | 4,799 | 4,963 | 5,553 |
| 5 | OH State U. all campuses | 8,518 | 6,827 | 7,884 | 13,362 | 3,113 | 4,543 | 5,132 | 8,201 |
| 6 | NC State U. | 12,545 | 14,649 | 15,818 | 12,098 | 5,567 | 6,874 | 8,033 | 6,110 |
| 7 | PA State U. all campuses | 6,580 | 8,348 | 15,718 | 10,571 | 4,327 | 5,466 | 11,081 | 7,005 |
| 8 | Rutgers, The State U. NJ all campuses | 9,520 | 9,787 | 9,747 | 10,389 | 5,221 | 5,335 | 5,078 | 5,184 |
| 9 | TX A&M U. all campuses | 9,393 | 9,180 | 9,323 | 9,786 | 8,101 | 7,696 | 7,560 | 8,223 |
| 10 | IA State U. | 7,194 | 8,754 | 10,322 | 8,588 | 2,791 | 3,725 | 5,239 | 4,577 |
| 11 | Brown U. | 6,395 | 6,520 | 7,351 | 8,335 | 4,107 | 3,666 | 4,033 | 4,442 |
| 12 | U. MN all campuses | 5,909 | 5,963 | 7,137 | 7,901 | 4,257 | 4,159 | 4,993 | 5,517 |
| 13 | NY U. | 7,392 | 7,208 | 7,829 | 7,699 | 6,742 | 6,603 | 7,662 | 6,783 |
| 14 | Stanford U. | 5,807 | 5,614 | 6,630 | 7,627 | 5,317 | 5,088 | 5,996 | 7,068 |
| 15 | U. CA, Berkeley | 6,417 | 6,731 | 7,129 | 7,373 | 4,952 | 5,676 | 5,417 | 5,763 |
| 16 | U. Southern CA | 3,221 | 4,157 | 5,530 | 7,306 | 2,400 | 3,065 | 4,386 | 5,419 |
| 17 | SUNY Stony Brook all campuses | 6,402 | 5,467 | 5,781 | 6,871 | 3,523 | 3,297 | 3,015 | 3,002 |
| 18 | U. KY all campuses | 1,928 | 4,496 | 5,884 | 6,711 | 1,425 | 3,657 | 4,736 | 5,476 |
| 19 | Duke U. | 1,856 | 1,841 | 5,395 | 6,687 | 1,530 | 1,606 | 4,505 | 5,553 |
| 20 | U. CA, Los Angeles | 4,991 | 5,818 | 5,990 | 6,604 | 3,807 | 4,148 | 4,899 | 5,018 |
| 21 | GA Institute of Technology all campuses | 7,653 | 6,250 | 6,038 | 6,196 | 3,629 | 2,234 | 2,612 | 2,478 |
| 22 | George Mason U. | 3,622 | 4,038 | 1,145 | 6,133 | 3,383 | 3,862 | 1,014 | 4,791 |
| 23 | U. WI Madison | 4,580 | 4,803 | 5,578 | 6,033 | 2,810 | 3,043 | 3,891 | 4,238 |
| 24 | U. GA | 5,881 | 6,033 | 5,692 | 5,990 | 1,368 | 1,312 | 1,184 | 1,160 |
| 25 | AZ State U. main campus | 2,218 | 1,827 | 3,578 | 5,958 | 1,576 | 1,467 | 3,113 | 3,998 |
| 26 | U. MD College Park | 3,084 | 5,330 | 5,228 | 5,856 | 1,521 | 2,417 | 3,095 | 3,593 |
| 27 | Boston C. | 12,409 | 12,409 ^e | 4,641 | 5,822 | 8,840 | 8,840 ^e | 546 | 600 |
| 28 | U. AZ | 3,905 | 5,060 | 4,852 | 5,576 | 3,090 | 3,821 | 3,691 | 4,531 |
| 29 | U. WA | 3,934 | 4,198 | 4,253 | 5,522 | 3,424 | 3,868 | 3,994 | 5,148 |
| 30 | U. MI all campuses | 4,062 | 4,053 | 4,674 | 5,220 | 3,085 | 2,950 | 3,379 | 3,975 |
| 31 | U. FL | 6,874 | 3,915 | 4,790 | 4,933 | 4,193 | 2,919 | 3,521 | 3,205 |
| 32 | MI State U. | 3,099 | 3,492 | 4,305 | 4,757 | 2,210 | 2,753 | 3,145 | 3,310 |
| 33 | Princeton U. | 4,286 | 4,072 | 4,142 | 4,596 | 2,886 | 2,556 | 2,571 | 3,226 |
| 34 | U. NE all campuses | 2,735 | 2,781 | 3,885 | 4,411 | 1,000 | 895 | 1,353 | 1,575 |
| 35 | MA Institute of Technology | 5,348 | 5,036 | 4,268 | 4,372 | 4,108 | 3,772 | 3,451 | 3,946 |
| 36 | Purdue U. all campuses | 4,009 | 4,467 | 4,330 | 4,360 | 2,938 | 3,244 | 3,097 | 3,232 |
| 37 | Naval Postgraduate School | 3,380 | 3,111 ⁱ | 4,268 | 4,323 | 3,380 | 2,935 ⁱ | 3,643 | 4,228 |
| 38 | CO State U. | 1,930 | 3,012 | 2,949 | 3,991 | 1,268 | 2,565 | 1,867 | 3,272 |
| 39 | Rice U. | 3,558 | 3,619 | 3,591 | 3,956 | 3,486 | 3,514 | 3,278 | 3,389 |
| 40 | U. Chicago | 3,361 | 4,726 | 4,836 | 3,889 | 3,045 | 4,382 | 4,609 | 3,698 |
| 41 | U. CA, Davis | 2,158 | 2,648 | 3,142 | 3,827 | 1,727 | 2,139 | 2,608 | 3,122 |
| 42 | Cornell U. all campuses | 3,146 | 3,713 | 4,015 | 3,744 | 2,442 | 2,589 | 3,072 | 2,964 |
| 43 | U. CA, San Diego | 2,672 | 3,355 | 3,841 | 3,715 | 1,673 | 2,463 | 2,773 | 2,538 |
| 44 | U. PA | 2,329 | 2,948 | 3,485 | 3,642 | 2,216 | 2,642 | 3,153 | 3,124 |
| 45 | IN U. all campuses | 3,350 | 3,771 | 2,685 | 3,490 | 1,959 | 2,275 | 2,440 | 2,422 |
| 46 | U. IL Urbana-Champaign | 4,226 | 3,951 | 3,770 | 3,462 | 2,674 | 2,584 | 2,395 | 2,658 |
| 47 | U. CA, Irvine | 2,103 | 2,265 | 3,077 | 3,315 | 1,571 | 1,713 | 1,974 | 2,075 |

TABLE 57. Total and federally financed R&D expenditures in the mathematical sciences at universities and colleges, ranked by FY 2006 total for the first 100 institutions: FY 2003–06

(Dollars in thousands)

| Rank | Institution | Total | | | | Federally financed | | | |
|------|---------------------------------------|-------|-------|-------|-------|--------------------|-------|-------|-------|
| | | 2003 | 2004 | 2005 | 2006 | 2003 | 2004 | 2005 | 2006 |
| 48 | NJ Institute of Technology | 1,693 | 2,506 | 3,182 | 3,287 | 948 | 1,130 | 1,587 | 1,779 |
| 49 | Rensselaer Polytechnic Institute | 1,633 | 1,901 | 2,668 | 3,036 | 1,456 | 1,690 | 2,339 | 2,656 |
| 50 | U. MA Amherst | 3,086 | 2,362 | 2,519 | 2,981 | 1,916 | 1,584 | 1,490 | 1,972 |
| 51 | Harvard U. | 2,102 | 2,223 | 2,366 | 2,895 | 2,084 | 2,223 | 2,366 | 2,895 |
| 52 | Clemson U. | 2,135 | 1,698 | 1,871 | 2,818 | 543 | 500 | 500 | 963 |
| 53 | Rockefeller U. | 2,999 | 2,977 | 2,287 | 2,777 | 570 | 1,506 | 1,205 | 1,407 |
| 54 | U. SC all campuses | 2,238 | 2,301 | 2,132 | 2,688 | 1,109 | 1,311 | 1,339 | 2,029 |
| 55 | Carnegie Mellon U. | 2,977 | 3,195 | 3,472 | 2,633 | 2,692 | 2,966 | 3,205 | 2,442 |
| 56 | U. IL Chicago | 5,885 | 4,669 | 3,606 | 2,478 | 4,267 | 3,240 | 2,198 | 1,698 |
| 57 | Western MI U. | 3,673 | 2,396 | 2,404 | 2,416 | 2,481 | 1,827 | 1,673 | 1,946 |
| 58 | OR State U. | 1,500 | 1,412 | 1,650 | 2,374 | 1,265 | 1,280 | 1,538 | 2,250 |
| 59 | FL State U. | 2,302 | 2,388 | 2,577 | 2,350 | 1,223 | 1,256 | 1,664 | 1,618 |
| 60 | U. Houston | 2,367 | 1,064 | 2,147 | 2,340 | 1,935 | 780 | 1,298 | 1,263 |
| 61 | Morgan State U. | 1,903 | 2,140 | 1,897 | 2,313 | 1,903 | 2,140 | 1,897 | 2,313 |
| 62 | U. Pittsburgh all campuses | 1,418 | 1,753 | 1,892 | 2,295 | 1,345 | 1,612 | 1,658 | 2,071 |
| 63 | LA State U. all campuses | 1,876 | 1,684 | 1,823 | 2,290 | 450 | 398 | 677 | 904 |
| 64 | U. NC Chapel Hill | 1,496 | 1,726 | 2,762 | 2,276 | 1,187 | 1,405 | 1,668 | 1,702 |
| 65 | U. CO all campuses | 2,334 | 2,862 | 2,348 | 2,261 | 1,955 | 2,307 | 1,878 | 1,985 |
| 66 | VA Polytechnic Institute and State U. | 2,357 | 2,332 | 2,705 | 2,222 | 1,456 | 1,409 | 1,731 | 1,276 |
| 67 | U. IA | 1,454 | 2,612 | 2,860 | 2,177 | 1,147 | 2,045 | 2,199 | 1,730 |
| 68 | CA Institute of Technology | 1,902 | 921 | 1,426 | 2,165 | 1,850 | 921 | 1,426 | 2,165 |
| 69 | Northwestern U. | 996 | 1,460 | 2,655 | 2,082 | 853 | 1,237 | 2,263 | 1,767 |
| 70 | Boston U. | 1,685 | 1,909 | 1,964 | 1,964 | 1,505 | 1,723 | 1,737 | 1,634 |
| 71 | TX A&M U. Corpus Christi | 1,976 | 2,870 | 1,917 | 1,847 | 1,841 | 1,716 | 1,415 | 1,646 |
| 72 | SUNY Buffalo all campuses | 1,569 | 1,932 | 1,315 | 1,792 | 480 | 902 | 528 | 868 |
| 73 | U. MO-Columbia | 1,325 | 1,233 | 1,547 | 1,705 | 942 | 834 | 1,112 | 1,404 |
| 74 | Columbia U. in the City of NY | 1,439 | 1,133 | 1,509 | 1,676 | 1,439 | 1,133 | 1,509 | 1,676 |
| 75 | U. MD Baltimore County | 943 | 819 | 1,035 | 1,611 | 862 | 729 | 903 | 1,306 |
| 76 | Tulane U. | 1,511 | 2,036 | 2,302 | 1,572 | 1,341 | 1,622 | 1,792 | 1,319 |
| 77 | Jackson State U. | 1,604 | 1,234 | 1,330 | 1,565 | 1,321 | 1,123 | 1,130 | 1,259 |
| 78 | MS State U. | 1,038 | 1,457 | 1,492 | 1,545 | 182 | 294 | 418 | 420 |
| 79 | MI Technological U. | 233 | 773 | 777 | 1,523 | 129 | 132 | 233 | 463 |
| 80 | U. UT | 1,352 | 1,543 | 1,592 | 1,476 | 1,167 | 1,254 | 1,303 | 1,317 |
| 81 | U. of Notre Dame | 1,274 | 1,270 | 1,373 | 1,452 | 1,180 | 1,172 | 1,260 | 1,319 |
| 82 | Rowan U. | 359 | 724 | 1,027 | 1,451 | 359 | 543 | 548 | 1,267 |
| 83 | San Jose State U. | 1,078 | 1,122 | 1,169 | 1,429 | 127 | 133 | 117 | 269 |
| 84 | U. VT | 1,414 | 1,515 | 1,711 | 1,388 | 779 | 1,006 | 1,061 | 870 |
| 85 | Yale U. | 1,185 | 1,049 | 1,612 | 1,343 | 1,082 | 969 | 1,086 | 877 |
| 86 | Old Dominion U. | 927 | 755 | 1,576 | 1,265 | 760 | 535 | 375 | 505 |
| 87 | U. NM all campuses | 908 | 1,487 | 1,439 | 1,257 | 849 | 1,389 | 1,328 | 1,168 |
| 88 | U. AR Little Rock | 0 | 49 | 705 | 1,254 | 0 | 0 | 493 | 207 |
| 89 | U. PR Mayaguez Campus | 464 | 135 | 735 | 1,205 | 265 | 62 | 77 | 137 |
| 90 | CA State U. Dominguez Hills | 50 | 1,437 | 1,413 | 1,199 | 0 | 962 | 626 | 752 |
| 91 | U. MT-Missoula, The | 1,018 | 851 | 879 | 1,195 | 624 | 764 | 750 | 1,130 |
| 92 | Vanderbilt U. | 679 | 962 | 1,237 | 1,186 | 574 | 892 | 1,124 | 1,035 |
| 93 | U. CA, Santa Barbara | 1,513 | 1,232 | 1,193 | 1,153 | 689 | 545 | 731 | 842 |
| 94 | U. DE | 664 | 789 | 590 | 1,151 | 557 | 652 | 460 | 873 |
| 95 | U. MA Dartmouth | 1,209 | 833 | 945 | 1,136 | 1,209 | 674 | 945 | 972 |

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(Dollars in thousands)

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|------|---------------------------------|--------|--------|--------|--------|--------------------|--------|--------|--------|
| | | 2003 | 2004 | 2005 | 2006 | 2003 | 2004 | 2005 | 2006 |
| 96 | Worcester Polytechnic Institute | 655 | 595 | 1,258 | 1,136 | 326 | 394 | 1,117 | 987 |
| 97 | CA State U. Northridge | 743 | 270 | 244 | 1,085 | 512 | 229 | 210 | 1,000 |
| 98 | San Francisco State U. | 0 i | 0 i | 74 | 1,068 | 0 i | 0 i | 74 | 1,068 |
| 99 | San Diego State U. | 1,638 | 1,167 | 712 | 1,052 | 741 | 501 | 40 | 399 |
| 100 | U. WI Milwaukee | 933 | 937 | 1,030 | 1,049 | 386 | 502 | 749 | 781 |
| | All other sampled institutions | 57,925 | 55,918 | 61,660 | 56,641 | 36,849 | 37,278 | 41,880 | 39,615 |

e = estimated; data were not provided by institution, prior-year data used or current-year estimates were reported.

i = data point imputed.

^a The Johns Hopkins University includes the Applied Physics Laboratory, with \$26 million in total and \$25 million in federally financed R&D expenditures in the mathematical sciences.

NOTE: 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 2006.