

TABLE 39. Preliminary federal obligations for applied research, by agency and performer: FY 2004
(Dollars in thousands)

| Agency | Extramural | | | | | | | | | |
|--|------------|-------------------------|------------------------------------|-----------------|---------------------------|-------------------|------------------|------------------|--------------------------|---------|
| | Total | Intramural ^a | United States and U.S. territories | | | | | | | Foreign |
| | | | Industry | Industry FFRDCs | Universities and colleges | University FFRDCs | Other nonprofits | Nonprofit FFRDCs | State, local governments | |
| All agencies | 28,013,321 | 8,484,294 | 4,930,501 | 825,216 | 9,105,986 | 1,456,554 | 2,592,943 | 208,831 | 274,224 | 134,772 |
| Departments | | | | | | | | | | |
| Department of Agriculture | 970,713 | 548,160 | 17,318 | 0 | 389,390 | 0 | 12,744 | 0 | 1,937 | 1,164 |
| Agricultural Marketing Service | 7,392 | 7,392 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Agricultural Research Service | 389,689 | 354,229 | 0 | 0 | 32,184 | 0 | 2,214 | 0 | 189 | 873 |
| Cooperative State Research, Education, and Extension Service | 367,385 | 20,276 | 14,436 | 0 | 327,418 | 0 | 4,742 | 0 | 513 | 0 |
| Economic Research Service | 63,883 | 55,583 | 1,700 | 0 | 5,000 | 0 | 1,600 | 0 | 0 | 0 |
| Foreign Agricultural Service | 688 | 494 | 0 | 0 | 194 | 0 | 0 | 0 | 0 | 0 |
| Forest Service | 134,100 | 105,491 | 1,182 | 0 | 24,353 | 0 | 1,548 | 0 | 1,235 | 291 |
| National Agricultural Statistics Service | 3,876 | 3,495 | 0 | 0 | 241 | 0 | 140 | 0 | 0 | 0 |
| Rural Business-Cooperative Service | 3,700 | 1,200 | 0 | 0 | 0 | 0 | 2,500 | 0 | 0 | 0 |
| Department of Commerce | 897,402 | 633,673 | 85,472 | 0 | 160,202 | 774 | 10,766 | 0 | 6,145 | 370 |
| Economic Development Administration | 275 | 25 | 0 | 0 | 0 | 0 | 250 | 0 | 0 | 0 |
| National Institute of Standards and Technology | 309,090 | 220,203 | 81,293 | 0 | 6,244 | 0 | 980 | 0 | 0 | 370 |
| National Oceanic and Atmospheric Administration | 581,315 | 406,723 | 4,179 | 0 | 153,958 | 774 | 9,536 | 0 | 6,145 | 0 |
| National Telecommunications and Information Administration | 6,215 | 6,215 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| U.S. Census Bureau | 507 | 507 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Department of Defense | 4,504,173 | 1,612,169 | 2,010,715 | 10,862 | 615,407 | 35,691 | 141,185 | 48,433 | 1,053 | 28,658 |
| Defense agencies | 1,682,128 | 332,724 | 843,595 | 9,773 | 350,885 | 31,456 | 79,170 | 19,225 | 0 | 15,300 |
| Chemical and Biological Defense | 161,529 | 132,731 | 12,861 | 0 | 7,061 | 120 | 8,511 | 245 | 0 | 0 |
| Defense Advanced Research Projects Agency | 1,229,627 | 122,121 | 672,703 | 9,327 | 301,979 | 27,866 | 67,675 | 13,860 | 0 | 14,096 |
| Defense Logistics Agency | 22,128 | 8,189 | 10,725 | 0 | 600 | 0 | 0 | 2,614 | 0 | 0 |
| Defense Threat Reduction Agency | 187,398 | 48,950 | 130,348 | 446 | 2,415 | 3,470 | 204 | 361 | 0 | 1,204 |
| Special Operations Command | 21,888 | 7,501 | 14,013 | 0 | 374 | 0 | 0 | 0 | 0 | 0 |
| Washington Headquarters Services | 59,558 | 13,232 | 2,945 | 0 | 38,456 | 0 | 2,780 | 2,145 | 0 | 0 |
| Department of the Air Force | 1,054,306 | 529,901 | 487,987 | 0 | 15,890 | 297 | 19,298 | 864 | 11 | 58 |
| Materiel Command | 1,048,211 | 529,414 | 482,379 | 0 | 15,890 | 297 | 19,298 | 864 | 11 | 58 |
| Space Command | 6,095 | 487 | 5,608 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Department of the Army | 1,017,066 | 472,115 | 383,306 | 790 | 113,720 | 757 | 15,918 | 24,119 | 936 | 5,405 |
| Civil Functions | 23,393 | 15,907 | 4,913 | 0 | 1,403 | 0 | 0 | 0 | 936 | 234 |
| Military Functions | 993,673 | 456,208 | 378,393 | 790 | 112,317 | 757 | 15,918 | 24,119 | 0 | 5,171 |
| Department of the Navy | 750,673 | 277,429 | 295,827 | 299 | 134,912 | 3,181 | 26,799 | 4,225 | 106 | 7,895 |
| Department of Education | 194,715 | 9,307 | 9,219 | 0 | 138,420 | 0 | 37,142 | 0 | 627 | 0 |

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| | | | Industry | Industry FFRDCs | Universities and colleges | University FFRDCs | Other nonprofits | Nonprofit FFRDCs | State, local governments | |
| Department of Energy | 3,041,284 | 535,906 | 330,187 | 581,296 | 150,629 | 1,291,259 | 26,298 | 125,709 | 0 | 0 |
| Bonneville Power Administration | 11,962 | 11,807 | 0 | 0 | 0 | 0 | 0 | 155 | 0 | 0 |
| Civilian Radioactive Waste Management | 82,165 | 6,409 | 18,856 | 18,376 | 0 | 36,336 | 0 | 2,188 | 0 | 0 |
| Energy Efficiency and Renewable Energy | 303,533 | 118,599 | 0 | 29,981 | 31,189 | 28,049 | 8,624 | 87,091 | 0 | 0 |
| Environmental Management | 17,891 | 1 | 0 | 9,124 | 7,156 | 179 | 0 | 1,431 | 0 | 0 |
| Fossil Energy | 221,555 | 32,214 | 122,266 | 5,900 | 44,000 | 5,900 | 6,775 | 4,500 | 0 | 0 |
| National Nuclear Security Administration | 2,302,450 | 366,874 | 153,012 | 501,678 | 68,284 | 1,183,343 | 10,899 | 18,360 | 0 | 0 |
| Defense Programs | 2,242,054 | 366,349 | 149,899 | 482,954 | 62,618 | 1,165,187 | 10,899 | 4,148 | 0 | 0 |
| Nonproliferation and Verification | 60,396 | 525 | 3,113 | 18,724 | 5,666 | 18,156 | 0 | 14,212 | 0 | 0 |
| Nuclear Energy | 98,726 | 1 | 35,969 | 16,237 | 0 | 37,047 | 0 | 9,472 | 0 | 0 |
| Office of Science | 3,002 | 1 | 84 | 0 | 0 | 405 | 0 | 2,512 | 0 | 0 |
| Department of Health and Human Services | 13,386,497 | 3,276,040 | 790,701 | 207,857 | 6,964,027 | 37,332 | 1,907,729 | 11,444 | 97,797 | 93,570 |
| Administration for Children and Families | 21,331 | 1,416 | 204 | 0 | 17,176 | 0 | 1,489 | 0 | 1,046 | 0 |
| Administration on Aging | 3,018 | 74 | 0 | 0 | 0 | 0 | 2,944 | 0 | 0 | 0 |
| Agency for Healthcare Research and Quality | 279,399 | 85,494 | 81,747 | 0 | 98,914 | 0 | 12,317 | 0 | 327 | 600 |
| Agency for Toxic Substances and Disease Registry | 14,893 | 2,492 | 152 | 0 | 3,036 | 0 | 5,676 | 0 | 3,491 | 46 |
| Centers for Disease Control and Prevention | 539,000 | 466,199 | 32,490 | 0 | 36,522 | 0 | 1,850 | 0 | 1,939 | 0 |
| Centers for Medicare and Medicaid Services | 77,791 | 20 | 15,556 | 0 | 7,777 | 0 | 13,998 | 0 | 40,440 | 0 |
| Food and Drug Administration | 132,298 | 99,458 | 6,122 | 0 | 18,284 | 0 | 7,320 | 0 | 0 | 1,114 |
| Health Resources and Services Administration | 14,997 | 595 | 0 | 0 | 9,956 | 0 | 4,446 | 0 | 0 | 0 |
| National Institutes of Health | 12,287,178 | 2,615,978 | 647,793 | 207,857 | 6,770,039 | 37,332 | 1,854,702 | 11,444 | 50,223 | 91,810 |
| Office of the Secretary | 16,592 | 4,314 | 6,637 | 0 | 2,323 | 0 | 2,987 | 0 | 331 | 0 |
| Office of the Assistant Secretary, Planning and Evaluation | 16,592 | 4,314 | 6,637 | 0 | 2,323 | 0 | 2,987 | 0 | 331 | 0 |
| Department of Housing and Urban Development | 18,386 | 11,790 | 3,868 | 0 | 1,341 | 0 | 1,387 | 0 | 0 | 0 |
| Department of the Interior | 489,649 | 431,780 | 8,077 | 0 | 39,284 | 0 | 1,985 | 0 | 7,015 | 1,508 |
| Bureau of Reclamation | 3,537 | 2,121 | 785 | 0 | 354 | 0 | 220 | 0 | 49 | 8 |
| Geological Survey | 459,361 | 422,988 | 500 | 0 | 28,907 | 0 | 0 | 0 | 6,966 | 0 |
| Minerals Management Service | 26,751 | 6,671 | 6,792 | 0 | 10,023 | 0 | 1,765 | 0 | 0 | 1,500 |
| Department of Justice | 21,285 | 5,700 | 5,185 | 0 | 2,400 | 0 | 4,900 | 1,500 | 1,600 | 0 |
| Bureau of Prisons | 4,300 | 2,700 | 0 | 0 | 0 | 0 | 0 | 0 | 1,600 | 0 |
| Office of Justice Programs | 16,985 | 3,000 | 5,185 | 0 | 2,400 | 0 | 4,900 | 1,500 | 0 | 0 |
| Department of Labor | 21,153 | 17,603 | 2,358 | 0 | 475 | 0 | 717 | 0 | 0 | 0 |
| Bureau of Labor Statistics | 8,300 | 7,200 | 1,100 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Employee Benefits Security Administration | 2,752 | 1,052 | 958 | 0 | 225 | 0 | 517 | 0 | 0 | 0 |

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|--|-----------|-------------------------|------------------------------------|-----------------|---------------------------|-------------------|------------------|--------|------------------|--------------------------|---------|
| | | | United States and U.S. territories | | | | | | Nonprofit FFRDCs | State, local governments | Foreign |
| | | | Industry | Industry FFRDCs | Universities and colleges | University FFRDCs | Other nonprofits | | | | |
| Employment and Training Administration | 6,000 | 6,000 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Occupational Safety and Health Administration | 3,230 | 3,230 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Office of the Secretary | 800 | 50 | 300 | 0 | 250 | 0 | 200 | 0 | 0 | 0 | |
| Pension Benefit Guaranty Corporation | 71 | 71 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Department of State | 2,175 | 675 | 1,500 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Department of Transportation | 454,520 | 153,864 | 87,447 | 2,604 | 43,794 | 8,584 | 16,845 | 168 | 140,484 | 730 | |
| Federal Aviation Administration | 121,029 | 70,483 | 23,874 | 2,604 | 15,361 | 8,539 | 0 | 168 | 0 | 0 | |
| Federal Highway Administration | 230,302 | 26,100 | 35,569 | 0 | 12,610 | 45 | 15,494 | 0 | 140,484 | 0 | |
| Federal Motor Carrier Safety Administration | 6,642 | 144 | 2,575 | 0 | 2,763 | 0 | 1,005 | 0 | 0 | 155 | |
| Federal Railroad Administration | 29,294 | 14,493 | 14,476 | 0 | 0 | 0 | 0 | 0 | 0 | 325 | |
| National Highway Traffic Safety Administration | 63,240 | 40,474 | 9,450 | 0 | 13,060 | 0 | 6 | 0 | 0 | 250 | |
| Research and Special Programs Administration | 4,013 | 2,170 | 1,503 | 0 | 0 | 0 | 340 | 0 | 0 | 0 | |
| Department of the Treasury | 62,721 | 56,721 | 5,715 | 0 | 0 | 0 | 285 | 0 | 0 | 0 | |
| Bureau of Engraving and Printing | 5,015 | 5,015 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Internal Revenue Service | 57,706 | 51,706 | 5,715 | 0 | 0 | 0 | 285 | 0 | 0 | 0 | |
| Department of Veterans Affairs | 199,517 | 199,517 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Other agencies | | | | | | | | | | | |
| Agency for International Development | 270,641 | 34,350 | 17,350 | 0 | 31,950 | 0 | 186,991 | 0 | 0 | 0 | |
| Appalachian Regional Commission | 703 | 53 | 250 | 0 | 300 | 0 | 100 | 0 | 0 | 0 | |
| Environmental Protection Agency | 369,100 | 239,915 | 29,196 | 0 | 75,198 | 0 | 18,719 | 0 | 5,077 | 995 | |
| Federal Communications Commission | 6,286 | 6,286 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Federal Trade Commission | 1,665 | 1,665 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Library of Congress | 3,772 | 3,772 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| National Aeronautics and Space Administration | 2,751,546 | 679,590 | 1,445,872 | 50 | 346,866 | 73,669 | 195,364 | 4,502 | 2,679 | 2,954 | |
| National Archives and Records Administration | 120 | 120 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| National Science Foundation | 210,729 | 79 | 66,005 | 0 | 134,053 | 14 | 8,048 | 168 | 6 | 2,356 | |
| Nuclear Regulatory Commission | 77,943 | 16,599 | 6,603 | 22,547 | 2,558 | 9,231 | 1,031 | 16,907 | 0 | 2,467 | |
| Social Security Administration | 56,626 | 8,960 | 7,463 | 0 | 9,692 | 0 | 20,707 | 0 | 9,804 | 0 | |

FFRDCs = federally funded research and development centers.

^a Includes costs associated with administration of intramural and extramural programs by federal personnel and actual intramural performance.

NOTES: Data for only those agencies and subdivisions that had obligations in variables represented by this table appear in table. See appendix B for additional notes associated with agencies listed in this table. Totals on this table do not include Department of Homeland Security.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: FY 2003, 2004, and 2005.