

Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

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| Agency and subdivision | 1967 | 1968 | 1969 | 1970 | 1971 | 1972 |
|--|------------|------------|------------|------------|------------|------------|
| Total, all agencies | 16,859,013 | 17,048,907 | 16,347,367 | 15,734,391 | 15,970,733 | 16,727,079 |
| Departments: | | | | | | |
| Department of Agriculture, total | 269,753 | 286,204 | 283,764 | 298,577 | 318,891 | 357,859 |
| Agricultural Cooperative Svc | NA | NA | NA | NA | NA | NA |
| Agricultural Marketing Service | NA | NA | NA | NA | NA | 0 |
| Agricultural Research Service | NA | NA | NA | NA | NA | NA |
| Agricultural Stabilization & Conservation Service | 0 | 0 | 0 | 0 | 0 | 0 |
| Animal & Plant Health | | | | | | |
| Inspection Service | NA | NA | NA | NA | NA | NA |
| Cooperative State Research, Ed, & Extension Service | NA | NA | NA | NA | NA | NA |
| Economic Research Service | NA | NA | NA | NA | NA | NA |
| Economics, Statistics, & Cooperative Svc, total | 13,019 | 14,683 | 14,433 | 17,371 | 16,421 | 18,642 |
| Economic Research Service | 12,282 | 13,238 | 13,053 | 15,788 | 14,802 | 16,833 |
| Farmer Cooperative Service | 737 | 788 | 801 | 879 | 937 | 1,088 |
| Statistical Reporting Svc | 0 | 657 | 579 | 704 | 682 | 721 |
| Economics & Statistics Service | NA | NA | NA | NA | NA | NA |
| Food Safety Inspection Service | NA | NA | NA | NA | NA | NA |
| Foreign Agricultural Service | NA | NA | NA | NA | NA | NA |
| Forest Service | 43,358 | 40,325 | 42,894 | 45,845 | 50,209 | 56,546 |
| Grain Inspection Packers & Stockyards Administration | NA | NA | NA | NA | NA | NA |
| Human Nutrition Info Svc | NA | NA | NA | NA | NA | NA |
| Nat'l Agri Statistics Svc | 563 | 0 | 0 | 0 | 0 | 0 |
| Natural Resources Conservation Service | 0 | 0 | 0 | 0 | 0 | 0 |
| Office of International Cooperation & Development | NA | NA | NA | NA | NA | NA |
| Office of Transportation | NA | NA | NA | NA | NA | NA |
| Rural Business-Cooperative Svc | NA | NA | NA | NA | NA | NA |
| Rural Development Service | NA | NA | NA | NA | NA | NA |
| Science & Ed Admin, total | 212,813 | 231,196 | 226,437 | 235,361 | 252,261 | 282,671 |
| Agricultural Research Svc | 155,765 | 171,994 | 166,075 | 172,586 | 182,772 | 208,717 |
| Cooperative State Rsch Svc | 56,894 | 58,906 | 59,968 | 62,469 | 69,102 | 73,657 |
| Nat'l Agricultural Library | 154 | 296 | 394 | 306 | 387 | 297 |
| Department of Commerce, total | 80,538 | 81,637 | 78,429 | 127,945 | 122,875 | 168,209 |
| Bureau of the Census | 2,466 | 2,287 | 2,344 | 3,038 | 4,177 | 3,843 |
| Economic Development Admin | 8,900 | 13,643 | 6,134 | 10,379 | 5,008 | 5,446 |
| Env Science Svcs Admin | 22,905 | 24,194 | 26,893 | NA | NA | NA |
| Maritime Administration | 6,217 | 8,010 | 9,888 | 6,913 | 9,237 | 11,399 |
| Minority Business Dvlpmt Agcy | 2,619 | 3,677 | 2,696 | 3,687 | 0 | 0 |
| National Fire Prevention & Control Administration | NA | NA | NA | NA | NA | NA |
| Nat'l Inst of Standards & Tech | 37,011 | 29,361 | 30,049 | 31,257 | 33,450 | 34,747 |
| National Oceanic & Atmospheric Administration | 0 | 0 | 0 | 72,287 | 68,445 | 109,667 |
| Nat'l Technical Information Svc | NA | NA | NA | NA | NA | NA |
| National Telecommunications & Information Administration | NA | NA | NA | NA | NA | NA |
| Office of Productivity, Technology, & Innovation | 0 | 0 | 0 | 0 | 0 | 0 |
| Office of the Secretary | 0 | 0 | 0 | 0 | 0 | 0 |
| Office of Telecommunications | 0 | 0 | 0 | 0 | 1,981 | 2,550 |
| Patent & Trademark Office | 420 | 465 | 425 | 384 | 577 | 557 |
| United States Travel & Tourism Administration | 0 | 0 | 0 | 0 | 0 | 0 |

See explanatory information, if any, and SOURCE at end of table.

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[Dollars in thousands]

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| Agency and subdivision | 1967 | 1968 | 1969 | 1970 | 1971 | 1972 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|
| Department of Defense, total | 7,680,059 | 8,163,582 | 7,868,373 | 7,587,924 | 7,705,984 | 8,297,162 |
| Defense Agencies, total | 507,272 | 525,007 | 514,233 | 487,971 | 527,458 | 475,705 |
| Ballistic Missile Def Org | NA | NA | NA | NA | NA | NA |
| Chemical and Biological | | | | | | |
| Defense ¹ | NA | NA | NA | NA | NA | NA |
| Def Adv Rsch Projects Agcy | NA | NA | NA | NA | NA | NA |
| Defense Info Systems Agcy | NA | NA | NA | NA | NA | NA |
| Defense Logistics Agency | NA | NA | NA | NA | NA | NA |
| Def Special Weapons Agcy | NA | NA | NA | NA | NA | NA |
| Def Threat Reduction Agcy | NA | NA | NA | NA | NA | NA |
| Joint Staff | NA | NA | NA | NA | NA | NA |
| Nat'l Imagery & Mapping Agcy | NA | NA | NA | NA | NA | NA |
| Special Operations Command | NA | NA | NA | NA | NA | NA |
| TRICARE Management Activity ² | NA | NA | NA | NA | NA | NA |
| Uniformed Services University | | | | | | |
| of the Health Sciences | NA | NA | NA | NA | NA | NA |
| Washington Headquarters | | | | | | |
| Services | NA | NA | NA | NA | NA | NA |
| Dept of the Air Force, total | 3,487,004 | 3,987,769 | 3,626,347 | 3,150,053 | 3,025,587 | 3,426,186 |
| DT&E Support from Operations | | | | | | |
| & Maintenance | 10,796 | 1,750 | 0 | 0 | 0 | 0 |
| DT&E Support from Procurement | | | | | | |
| Appropriations | 28,085 | 6,771 | 17,498 | 0 | 0 | 0 |
| Housing for Military | | | | | | |
| Personnel in R&D | 0 | 9,416 | 638 | 0 | 0 | 0 |
| Military Construction | 34,051 | 4,661 | 41,632 | 10,377 | 15,127 | 14,958 |
| Pay & Allowances of Military | | | | | | |
| Personnel in R&D | 184,880 | 164,727 | 181,058 | 202,477 | 201,022 | 206,157 |
| RDT&E Appropriation | 3,229,192 | 3,800,444 | 3,385,521 | 2,937,137 | 2,809,298 | 3,205,071 |
| Special Foreign Currency | | | | | | |
| Program | 0 | 0 | 0 | 62 | 140 | 0 |
| Department of the Army, total | 1,733,982 | 1,539,471 | 1,609,762 | 1,771,647 | 1,670,589 | 1,889,811 |
| Department of the Army, Civil | | | | | | |
| Functions | 7,934 | 7,296 | 9,338 | 9,548 | 9,398 | 9,803 |
| Department of the Army, | | | | | | |
| Military Functions | 1,726,048 | 1,532,175 | 1,600,424 | 1,762,099 | 1,661,191 | 1,880,008 |
| Housing for Military | | | | | | |
| Personnel in R&D | 0 | 1,106 | 1,190 | 0 | 0 | 0 |
| Military Construction | 24,630 | 30,900 | 21,694 | 15,922 | 27,022 | 23,521 |
| Pay & Allowances of Military | | | | | | |
| Personnel in R&D | 61,605 | 66,073 | 56,700 | 80,700 | 65,276 | 77,757 |
| RDT&E Appropriation | 1,633,950 | 1,434,096 | 1,520,840 | 1,665,477 | 1,568,893 | 1,778,730 |
| Special Foreign Currency | | | | | | |
| Program | 0 | 0 | 0 | 0 | 0 | 0 |
| Support from Procurement | | | | | | |
| Appropriations | 5,863 | 0 | 0 | 0 | 0 | 0 |
| Department of the Navy, total | 1,941,888 | 2,104,099 | 2,108,801 | 2,172,383 | 2,477,856 | 2,501,480 |
| DT&E Support from Operations | | | | | | |
| & Maintenance | 11,507 | 9,028 | 0 | 0 | 0 | 0 |
| DT&E Support from Procurement | | | | | | |
| Appropriations | 64,849 | 2,049 | 0 | 0 | 0 | 0 |
| Housing for Military | | | | | | |
| Personnel in R&D | 0 | 7,275 | 1,319 | 0 | 0 | 0 |
| Military Construction | 13,005 | 21,580 | 10,138 | 14,160 | 8,430 | 6,373 |
| Pay & Allowances of Military | | | | | | |
| Personnel in R&D | 61,415 | 61,540 | 51,697 | 73,360 | 63,960 | 67,585 |
| RDT&E Appropriation | 1,791,101 | 2,002,627 | 0 | 2,084,248 | 2,404,606 | 2,426,633 |
| Special Foreign Currency | | | | | | |
| Program | 11 | 0 | 168 | 615 | 860 | 889 |
| Def Civil Preparedness Agcy | 9,913 | 7,236 | 9,230 | 5,870 | 4,494 | 3,980 |
| Health Affairs, Assistant | | | | | | |
| Secretary of Defense for | NA | NA | NA | NA | NA | NA |
| Operational Test & Evaluation, | | | | | | |
| Director | NA | NA | NA | NA | NA | NA |
| Test & Evaluation, Deputy Under | | | | | | |
| Secretary of Defense | 0 | 0 | 0 | 0 | 0 | 0 |

See explanatory information, if any, and SOURCE at end of table.

Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

| Agency and subdivision | 1967 | 1968 | 1969 | 1970 | 1971 | 1972 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|
| Department of Education | NA | NA | NA | NA | NA | NA |
| Department of Energy | NA | NA | NA | NA | NA | NA |
| Dept of Health, Education, & Welfare, total | 1,075,041 | 1,283,070 | 1,219,969 | 1,261,261 | 1,326,809 | 1,554,467 |
| Alcohol, Drug Abuse, & Mental Health Administration | NA | NA | NA | NA | NA | 0 |
| Center for Disease Control | 0 | 0 | 0 | 0 | 0 | 0 |
| Environmental Health Service | 104,791 | 57,823 | 41,649 | 0 | 0 | 0 |
| Food & Drug Administration | 11,060 | 0 | 8,467 | 18,679 | 23,455 | 25,912 |
| Health Care Financing Admin | NA | NA | NA | NA | NA | NA |
| Health Resources Admin | 0 | 0 | 0 | 0 | 0 | 0 |
| Health Services Administration | 0 | 0 | 0 | 0 | 0 | 0 |
| Hlth Svcs & Mental Health Admin | 76,147 | 149,060 | 144,133 | 180,500 | 195,510 | 236,925 |
| National Inst of Education | 0 | 0 | 0 | 0 | 0 | 0 |
| National Institutes of Health | 770,264 | 940,386 | 883,907 | 917,677 | 946,041 | 1,112,067 |
| Off of Asst Sec for Education | 0 | 0 | 0 | 0 | 0 | 0 |
| Off of the Asst Sec for Health | 0 | 0 | 0 | 0 | 0 | 0 |
| Office of Child Development | 0 | 0 | 0 | 1,000 | 3,868 | 17,200 |
| Office of Education | 71,138 | 87,148 | 93,901 | 94,630 | 114,755 | 108,023 |
| Office of Human Dvlpmt Svcs | 0 | 0 | 0 | 0 | 0 | 0 |
| Office of International Health | 0 | 0 | 0 | 0 | 0 | 0 |
| Office of the Secretary | 0 | 0 | 0 | 0 | 0 | 0 |
| Social & Rehabilitation Svc | 37,876 | 43,000 | 40,821 | 36,606 | 32,654 | 40,862 |
| Social Security Administration | 3,765 | 5,653 | 7,091 | 12,169 | 10,526 | 13,478 |
| Department of Health & Human Services, total | NA | NA | NA | NA | NA | NA |
| Admin for Children & Families | NA | NA | NA | NA | NA | NA |
| Administration on Aging | NA | NA | NA | NA | NA | NA |
| Agency for Healthcare Research and Quality ³ | NA | NA | NA | NA | NA | NA |
| Agency for Toxic Substances Disease & Registry ⁴ | NA | NA | NA | NA | NA | NA |
| Alcohol, Drug Abuse, & Mental Health Administration | NA | NA | NA | NA | NA | NA |
| Centers for Disease Control & Prevention | NA | NA | NA | NA | NA | NA |
| Food & Drug Administration | NA | NA | NA | NA | NA | NA |
| Health Care Financing Admin | NA | NA | NA | NA | NA | NA |
| Health Resources Admin | NA | NA | NA | NA | NA | NA |
| Health Resources & Svcs Admin | NA | NA | NA | NA | NA | NA |
| Health Services Administration | NA | NA | NA | NA | NA | NA |
| Human Development Services | NA | NA | NA | NA | NA | NA |
| National Institutes of Health ⁵ | NA | NA | NA | NA | NA | NA |
| Off of the Asst Sec for Health | NA | NA | NA | NA | NA | NA |
| Office of the Secretary, total | NA | NA | NA | NA | NA | NA |
| Office of the Asst Secretary, Planning & Evaluation | NA | NA | NA | NA | NA | NA |
| Off of Public Hlth & Science | NA | NA | NA | NA | NA | NA |
| Social Security Administration | NA | NA | NA | NA | NA | NA |
| Substance Abuse & Mental Health Services Administration ⁶ | NA | NA | NA | NA | NA | NA |

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Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

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| Agency and subdivision | 1967 | 1968 | 1969 | 1970 | 1971 | 1972 |
|--|---------|---------|---------|---------|---------|---------|
| Dept of Housing & Urban Dvlpmnt | 8,350 | 6,850 | 13,275 | 15,319 | 40,462 | 50,090 |
| Department of the Interior, total | 166,749 | 195,123 | 204,186 | 158,634 | 182,846 | 212,988 |
| Bonneville Power Admin | 907 | 1,229 | 1,510 | 2,215 | 2,813 | 3,332 |
| Bureau of Land Management | 716 | 754 | 724 | 729 | 772 | 816 |
| Bureau of Mines | 32,159 | 35,054 | 35,598 | 37,303 | 49,973 | 66,171 |
| Bureau of Reclamation | 5,950 | 6,777 | 7,087 | 7,546 | 9,044 | 9,894 |
| Federal Water Pollution Control Administration | 18,060 | 19,868 | 23,982 | NA | NA | NA |
| Geological Survey | 32,189 | 35,328 | 35,204 | 39,562 | 41,856 | 50,193 |
| Heritage Conservation & Recreation Service | 105 | 106 | 231 | 92 | 185 | 35 |
| Minerals Management Service | NA | NA | NA | NA | NA | NA |
| National Biological Service | NA | NA | NA | NA | NA | NA |
| National Park Service | 2,571 | 2,669 | 2,606 | 0 | 1,141 | 1,293 |
| National Resources Library | NA | NA | NA | NA | NA | NA |
| Office of Coal Research | 9,987 | 11,856 | 8,427 | 16,379 | 17,555 | 17,880 |
| Office of the Secretary | 0 | 0 | 0 | 0 | 27 | 455 |
| Office of Surface Mining Reclamation & Enforcement | 0 | 0 | 0 | 0 | 0 | 0 |
| Office of Water Research & Technology, total | 23,046 | 36,456 | 38,864 | 36,330 | 39,349 | 41,684 |
| Office of Saline Water | 16,820 | 27,695 | 28,708 | 24,949 | 28,049 | 28,911 |
| Off of Water Resources Rsch | 6,226 | 8,761 | 10,156 | 11,381 | 11,300 | 12,773 |
| United States Fish & Wildlife Service, total | 41,059 | 45,026 | 49,953 | 18,478 | 20,131 | 21,235 |
| Bureau of Commercial Fisheries | 28,348 | 30,173 | 31,190 | NA | NA | NA |
| Bureau of Sport Fisheries & Wildlife | 12,711 | 14,853 | 18,763 | NA | NA | NA |
| Department of Justice, total | 216 | 690 | 4,526 | 3,638 | 9,853 | 11,901 |
| Bureau of Prisons | 0 | 140 | 215 | 157 | 328 | 459 |
| Drug Enforcement Admin | 0 | 307 | 774 | 778 | 1,290 | 1,077 |
| Fed Bureau of Investigation | 216 | 243 | 237 | 231 | 425 | 807 |
| Immigration & Naturalization Service | 0 | 0 | 0 | 0 | 0 | 0 |
| Office of Justice Programs | 0 | 0 | 3,300 | 2,472 | 7,810 | 9,558 |
| Office of Legal Policy | 0 | 0 | 0 | 0 | 0 | 0 |
| Department of Labor, total | 11,738 | 11,239 | 12,690 | 19,823 | 22,127 | 23,048 |
| Bureau of Apprenticeship & Training | 185 | 118 | 0 | 0 | 0 | 0 |
| Bureau of Employment Security | 1,623 | 0 | 0 | 0 | 0 | 0 |
| Bureau of Labor Statistics | 3,419 | 3,406 | 3,752 | 3,815 | 3,636 | 4,707 |
| Employment Standards Admin | 249 | 262 | 2,332 | 1,994 | 1,456 | 1,598 |
| Employment & Training Admin | 4,876 | 4,908 | 6,465 | 13,724 | 16,062 | 15,607 |
| Labor-Management Relations & Cooperative Programs | NA | NA | NA | NA | NA | NA |
| Labor-Management Svcs Admin | 117 | 1,218 | 141 | 290 | 547 | 690 |
| Occupational Safety & Health Administration | 0 | 0 | 0 | 0 | 326 | 218 |
| Office of the Secretary | 0 | 118 | 0 | 0 | 100 | 228 |
| Pension & Welfare Benefits Administration | NA | NA | NA | NA | NA | NA |
| Pension Benefit Guaranty Corp | NA | NA | NA | NA | NA | NA |
| Wage & Hour Division | 1,269 | 1,209 | 0 | 0 | 0 | 0 |
| Post Office Department | 12,283 | 13,434 | 20,936 | 29,761 | NA | NA |

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Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

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| Agency and subdivision | 1967 | 1968 | 1969 | 1970 | 1971 | 1972 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|
| Department of State, total | 12,876 | 12,026 | 13,466 | 21,528 | 29,464 | 21,735 |
| Agcy for Internat'l Dvlpmt | 12,293 | 11,502 | 13,000 | 21,000 | 29,114 | 21,185 |
| Bureau of Intelligence & Rsch | 125 | 125 | 0 | 0 | 0 | 0 |
| Departmental Funds | 0 | 0 | 125 | 125 | 350 | 550 |
| Peace Corps | 458 | 399 | 341 | 403 | 0 | 0 |
| Dept of Transportation, total | 239,253 | 219,133 | 208,025 | 262,602 | 477,754 | 287,029 |
| Coast Guard | 7,576 | 15,419 | 13,895 | 17,064 | 24,783 | 25,354 |
| Federal Aviation Admin | 197,906 | 150,036 | 124,942 | 53,911 | 340,122 | 107,066 |
| Federal Highway Administration | 23,883 | 38,630 | 39,669 | 32,546 | 28,459 | 23,336 |
| Federal Motor Carrier Safety Administration ⁷ | NA | NA | NA | NA | NA | NA |
| Federal Railroad Admin | 6,995 | 14,258 | 14,703 | 11,390 | 25,575 | 22,507 |
| Federal Transit Administration | 0 | 0 | 12,616 | 9,491 | 19,075 | 60,771 |
| Infrastructure Investment | NA | NA | NA | NA | NA | NA |
| Maritime Administration | NA | NA | NA | NA | NA | NA |
| Materials Transportation Bureau | 0 | 0 | 0 | 0 | 0 | 0 |
| National Highway Traffic Safety Administration | 0 | 0 | 0 | 19,492 | 22,854 | 34,755 |
| Office of the Secretary | 2,893 | 790 | 2,200 | 118,708 | 16,886 | 13,240 |
| Rsch & Special Programs Admin | NA | NA | NA | NA | NA | NA |
| Department of the Treasury, total | 615 | 838 | 640 | 625 | 819 | 1,266 |
| Bureau of Alcohol, Tobacco, & Firearms | 0 | 0 | 0 | 0 | 0 | 0 |
| Bureau of Engraving & Printing | 615 | 838 | 640 | 625 | 819 | 1,266 |
| Financial Crimes Enforcement Network | 0 | 0 | 0 | 0 | 0 | 0 |
| Internal Revenue Service | 0 | 0 | 0 | 0 | 0 | 0 |
| Office of Thrift Supervision | NA | NA | NA | NA | NA | NA |
| United States Customs Service | 0 | 0 | 0 | 0 | 0 | 0 |
| United States Mint | 0 | 0 | 0 | 0 | 0 | 0 |
| United States Secret Service | NA | NA | NA | NA | NA | NA |
| Department of Veterans Affairs | 46,430 | 47,444 | 53,962 | 61,707 | 67,865 | 76,084 |
| Other agencies: | | | | | | |
| ACTION | 0 | 0 | 0 | 0 | 130 | 0 |
| Advisory Commission on Intergovernmental Relations | 130 | 294 | 358 | 553 | 544 | 699 |
| Appalachian Regional Commission | 0 | 0 | 0 | 0 | 1,647 | NA |
| Atomic Energy Commission | 1,466,894 | 1,594,274 | 1,654,003 | 1,615,984 | 1,604,948 | 1,551,266 |
| Broadcasting Board of Governors ⁸ | NA | NA | NA | NA | NA | NA |
| Civil Aeronautics Board | 0 | 0 | 0 | 0 | 0 | 0 |
| Civil Service Commission | 118 | 262 | 246 | 449 | 551 | 1,027 |
| Community Services Admin | NA | NA | NA | NA | NA | NA |
| Consumer Product Safety Comm | 0 | 0 | 0 | 0 | 0 | 0 |
| Energy Research & Dvlpmt Admin | 0 | 0 | 0 | 0 | 0 | 0 |
| Energy Security Trust Fund | NA | NA | NA | NA | NA | NA |
| Environmental Protection Agency ⁴ | 0 | 0 | 0 | 70,221 | 101,014 | 133,821 |
| Fed Communications Commission | 398 | 389 | 1,181 | 1,008 | 618 | 695 |
| Federal Emergency Management Agency, total | NA | NA | NA | NA | NA | NA |
| Def Civil Preparedness Agcy | NA | NA | NA | NA | NA | NA |
| National Fire Prevention & Control Administration | NA | NA | NA | NA | NA | NA |
| Federal Energy Administration | 0 | 0 | 0 | 0 | 0 | 0 |
| Federal Trade Commission | 330 | 350 | 463 | 388 | 440 | 607 |
| Foundation for Ed Assistance | NA | NA | NA | NA | NA | NA |
| General Services Administration | 0 | 170 | 323 | 325 | 198 | 252 |

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Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

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| Agency and subdivision | 1967 | 1968 | 1969 | 1970 | 1971 | 1972 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|
| International Development | | | | | | |
| Cooperation Agency, total | NA | NA | NA | NA | NA | NA |
| Agcy for Internat'l Dvlpmt | NA | NA | NA | NA | NA | NA |
| Institute for Scientific & Technological Cooperation | 0 | 0 | 0 | 0 | 0 | 0 |
| Interstate Commerce Commission | 0 | 0 | 0 | 0 | 0 | 0 |
| Library of Congress | 689 | 1,303 | 1,610 | 1,887 | 2,563 | 2,107 |
| Nat'l Aeronautics & Space Admin ⁹ | 5,425,715 | 4,723,674 | 4,251,707 | 3,753,141 | 3,381,907 | 3,422,862 |
| Nat'l Archives & Records Admin | NA | NA | NA | NA | NA | NA |
| National Science Foundation | 294,888 | 333,805 | 342,300 | 324,143 | 373,925 | 435,000 |
| Nuclear Regulatory Commission | NA | NA | NA | NA | NA | NA |
| Office of Economic Opportunity | 36,720 | 40,984 | 77,088 | 79,273 | 129,500 | 81,200 |
| Office of Emergency Preparedness | 717 | 718 | 671 | 662 | 156 | 673 |
| Office of Personnel Management | NA | NA | NA | NA | NA | NA |
| Office of Science & Technology | 1,102 | 1,212 | 1,796 | 1,858 | 2,004 | 1,719 |
| Off of Telecommunications Policy | 0 | 0 | 0 | 0 | 200 | 655 |
| Office of Thrift Supervision | 299 | 433 | 347 | 390 | 395 | 492 |
| Postal Service | NA | NA | NA | NA | 34,442 | 0 |
| Small Business Administration | 45 | 160 | 174 | 116 | 0 | 0 |
| Smithsonian Institution | 12,018 | 13,564 | 17,405 | 20,336 | 17,161 | 18,877 |
| Social Security Administration | NA | NA | NA | NA | NA | NA |
| Special Action Office for Drug Abuse Prevention | 0 | 0 | 0 | 0 | 0 | 0 |
| Tennessee Valley Authority | 7,199 | 7,936 | 8,413 | 8,191 | 9,853 | 11,362 |
| United States Arms Control & Disarmament Agency ¹⁰ | 7,762 | 7,910 | 6,859 | 5,947 | 2,569 | 1,839 |
| United States Commission on Civil Rights | 0 | 0 | 0 | 0 | 0 | 0 |
| United States Information Agency ¹¹ | 88 | 199 | 182 | 175 | 219 | 88 |
| United States International Trade Commission ¹² | 0 | 0 | 0 | 0 | 0 | 0 |

See explanatory information, if any, and SOURCE at end of table.

Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

| Agency and subdivision | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 |
|--|------------|------------|------------|------------|------------|------------|
| Total, all agencies | 17,488,803 | 18,297,104 | 19,550,839 | 21,020,862 | 22,882,939 | 25,127,905 |
| Departments: | | | | | | |
| Department of Agriculture, total | 357,068 | 381,452 | 425,641 | 468,843 | 537,766 | 572,359 |
| Agricultural Cooperative Svc | NA | NA | NA | NA | NA | NA |
| Agricultural Marketing Service | 0 | 0 | 0 | 0 | 0 | 0 |
| Agricultural Research Service | NA | NA | NA | NA | NA | NA |
| Agricultural Stabilization & Conservation Service | 0 | 0 | 0 | 0 | 0 | 0 |
| Animal & Plant Health | | | | | | |
| Inspection Service | NA | NA | NA | NA | 0 | 0 |
| Cooperative State Research, Ed, & Extension Service | NA | NA | NA | NA | NA | NA |
| Economic Research Service | NA | NA | NA | NA | NA | NA |
| Economics, Statistics, & Cooperative Svc, total | 17,012 | 19,957 | 24,717 | 26,910 | 30,495 | 32,400 |
| Economic Research Service | 15,154 | 18,140 | 22,240 | 23,564 | NA | NA |
| Farmer Cooperative Service | 1,141 | 1,218 | 1,240 | 1,354 | NA | NA |
| Statistical Reporting Svc | 717 | 599 | 1,237 | 1,992 | NA | NA |
| Economics & Statistics Service | NA | NA | NA | NA | NA | NA |
| Food Safety Inspection Service | NA | NA | NA | NA | NA | NA |
| Foreign Agricultural Service | NA | NA | NA | NA | NA | NA |
| Forest Service | 58,286 | 65,617 | 72,488 | 90,277 | 92,533 | 86,708 |
| Grain Inspection Packers & Stockyards Administration | NA | NA | NA | 0 | 0 | 0 |
| Human Nutrition Info Svc | NA | NA | NA | NA | NA | NA |
| Nat'l Agri Statistics Svc | 0 | 0 | 0 | 0 | NA | NA |
| Natural Resources Conservation Service | 0 | 0 | 0 | 0 | 0 | 0 |
| Office of International Cooperation & Development | NA | NA | NA | NA | NA | NA |
| Office of Transportation | NA | NA | NA | NA | NA | NA |
| Rural Business-Cooperative Svc | NA | NA | NA | NA | NA | NA |
| Rural Development Service | 0 | 0 | 0 | 0 | 0 | 0 |
| Science & Ed Admin, total | 281,770 | 295,878 | 328,436 | 351,656 | 414,738 | 453,251 |
| Agricultural Research Svc | 199,349 | 210,547 | 232,781 | 247,441 | 294,580 | 318,401 |
| Cooperative State Rsch Svc | 82,147 | 85,162 | 95,579 | 104,196 | 120,158 | 134,850 |
| Nat'l Agricultural Library | 274 | 169 | 76 | 19 | NA | NA |
| Department of Commerce, total | 186,193 | 188,202 | 224,592 | 233,316 | 238,188 | 272,678 |
| Bureau of the Census | 1,035 | 988 | 975 | 2,494 | 2,535 | 3,302 |
| Economic Development Admin | 5,132 | 5,436 | 15,030 | 13,571 | 20,000 | 25,075 |
| Env Science Svcs Admin | NA | NA | NA | NA | NA | NA |
| Maritime Administration | 22,463 | 25,861 | 27,869 | 24,398 | 18,800 | 18,800 |
| Minority Business Dvlpmt Agcy | 1,448 | 1,459 | 1,816 | 3,161 | 1,586 | 0 |
| National Fire Prevention & Control Administration | NA | NA | 2,400 | 4,611 | 6,576 | NA |
| Nat'l Inst of Standards & Tech | 36,846 | 42,464 | 47,165 | 49,107 | 53,128 | 59,002 |
| National Oceanic & Atmospheric Administration | 114,420 | 109,488 | 127,689 | 134,457 | 132,609 | 164,733 |
| Nat'l Technical Information Svc | NA | NA | 0 | 0 | 0 | 0 |
| National Telecommunications & Information Administration | NA | NA | NA | NA | 2,500 | 1,266 |
| Office of Productivity, Technology, & Innovation | NA | NA | NA | NA | NA | NA |
| Office of the Secretary | 0 | 0 | 0 | 0 | 0 | 0 |
| Office of Telecommunications | 3,487 | 2,031 | 1,148 | 1,147 | NA | NA |
| Patent & Trademark Office | 609 | 475 | 500 | 370 | 454 | 500 |
| United States Travel & Tourism Administration | 753 | 0 | 0 | 0 | 0 | 0 |

See explanatory information, if any, and SOURCE at end of table.

Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

| Agency and subdivision | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 |
|--|-----------|-----------|-----------|-----------|------------|------------|
| Department of Defense, total | 8,597,649 | 8,979,742 | 9,363,517 | 9,445,510 | 10,307,977 | 10,935,419 |
| Defense Agencies, total | 461,310 | 485,162 | 556,858 | 507,500 | 610,460 | 555,057 |
| Ballistic Missile Def Org | NA | NA | NA | NA | NA | NA |
| Chemical and Biological Defense ¹ | NA | NA | NA | NA | NA | NA |
| Def Adv Rsch Projects Agcy | NA | NA | NA | NA | NA | NA |
| Defense Info Systems Agcy | NA | NA | NA | NA | NA | NA |
| Defense Logistics Agency | NA | NA | NA | NA | NA | NA |
| Def Special Weapons Agcy | NA | NA | NA | NA | NA | NA |
| Def Threat Reduction Agcy | NA | NA | NA | NA | NA | NA |
| Joint Staff | NA | NA | NA | NA | NA | NA |
| Nat'l Imagery & Mapping Agcy | NA | NA | NA | NA | NA | NA |
| Special Operations Command | NA | NA | NA | NA | NA | NA |
| TRICARE Management Activity ² | NA | NA | NA | NA | NA | NA |
| Uniformed Services University of the Health Sciences | NA | NA | NA | NA | NA | NA |
| Washington Headquarters Services | NA | NA | NA | NA | NA | NA |
| Dept of the Air Force, total | 3,588,512 | 3,442,302 | 3,567,555 | 3,625,220 | 3,902,173 | 3,969,911 |
| DT&E Support from Operations & Maintenance | 0 | 0 | 0 | 0 | 0 | 0 |
| DT&E Support from Procurement Appropriations | 0 | 0 | 0 | 0 | 0 | 0 |
| Housing for Military Personnel in R&D | 0 | 0 | 0 | 0 | 0 | 0 |
| Military Construction | 16,018 | 17,593 | 15,085 | 42,100 | 40,000 | 82,198 |
| Pay & Allowances of Military Personnel in R&D | 210,607 | 216,393 | 241,547 | 245,100 | 243,700 | 261,687 |
| RDT&E Appropriation | 3,361,887 | 3,208,316 | 3,310,923 | 3,338,020 | 3,618,473 | 3,626,026 |
| Special Foreign Currency Program | 0 | 0 | 0 | 0 | 0 | 0 |
| Department of the Army, total | 2,042,439 | 2,308,602 | 2,083,044 | 1,969,575 | 2,195,044 | 2,464,318 |
| Department of the Army, Civil Functions | 11,816 | 11,200 | 12,820 | 28,363 | 23,855 | 26,523 |
| Department of the Army, Military Functions | 2,030,623 | 2,297,402 | 2,070,224 | 1,941,212 | 2,171,189 | 2,437,795 |
| Housing for Military Personnel in R&D | 0 | 0 | 0 | 0 | 0 | 0 |
| Military Construction | 35,194 | 21,072 | 21,711 | 12,700 | 13,200 | 6,800 |
| Pay & Allowances of Military Personnel in R&D | 83,335 | 86,606 | 84,107 | 86,900 | 88,800 | 88,787 |
| RDT&E Appropriation | 1,912,094 | 2,189,724 | 1,964,406 | 1,841,612 | 2,069,189 | 2,342,208 |
| Special Foreign Currency Program | 0 | 0 | 0 | 0 | 0 | 0 |
| Support from Procurement Appropriations | 0 | 0 | 0 | 0 | 0 | 0 |
| Department of the Navy, total | 2,498,936 | 2,715,822 | 3,126,263 | 3,320,098 | 3,582,569 | 3,919,368 |
| DT&E Support from Operations & Maintenance | 0 | 0 | 0 | 0 | 0 | 0 |
| DT&E Support from Procurement Appropriations | 0 | 0 | 0 | 0 | 0 | 0 |
| Housing for Military Personnel in R&D | 0 | 0 | 0 | 0 | 0 | 0 |
| Military Construction | 7,547 | 6,538 | 13,765 | 19,300 | 18,500 | 8,400 |
| Pay & Allowances of Military Personnel in R&D | 86,000 | 84,200 | 90,300 | 81,100 | 80,700 | 83,742 |
| RDT&E Appropriation | 2,404,199 | 2,623,433 | 3,020,979 | 3,214,937 | 3,480,513 | 3,824,871 |
| Special Foreign Currency Program | 1,190 | 1,651 | 1,219 | 4,761 | 2,856 | 2,355 |
| Def Civil Preparedness Agcy | 3,048 | 2,320 | 2,976 | 2,200 | 1,200 | 2,900 |
| Health Affairs, Assistant Secretary of Defense for | NA | NA | NA | NA | NA | NA |
| Operational Test & Evaluation, Director | NA | NA | NA | NA | NA | NA |
| Test & Evaluation, Deputy Under Secretary of Defense | 3,404 | 25,534 | 26,821 | 20,917 | 16,531 | 23,865 |

See explanatory information, if any, and SOURCE at end of table.

Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

| Agency and subdivision | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|
| Department of Education | NA | NA | NA | NA | NA | NA |
| Department of Energy | NA | NA | NA | NA | 3,593,121 | 4,413,005 |
| Dept of Health, Education, & Welfare, total | 1,878,385 | 1,960,576 | 2,168,201 | 2,615,030 | 2,622,223 | 3,070,235 |
| Alcohol, Drug Abuse, & Mental Health Administration | 112,624 | 127,329 | 114,129 | 145,129 | 167,187 | 179,856 |
| Center for Disease Control | 36,144 | 42,213 | 44,645 | 37,138 | 42,586 | 58,274 |
| Environmental Health Service | 0 | 0 | 0 | 0 | 0 | 0 |
| Food & Drug Administration | 24,291 | 20,765 | 28,299 | 19,017 | 28,644 | 55,953 |
| Health Care Financing Admin | NA | NA | NA | NA | 29,998 | 14,200 |
| Health Resources Admin | 68,046 | 44,433 | 63,213 | 24,675 | 1,400 | 6,703 |
| Health Services Administration | 13,605 | 12,332 | 9,887 | 11,269 | 15,570 | 15,719 |
| Hlth Svcs & Mental Health Admin | 0 | 0 | 0 | 0 | 0 | 0 |
| National Inst of Education | 35,830 | 96,900 | 82,770 | 69,778 | 59,693 | 74,812 |
| National Institutes of Health | 1,373,688 | 1,435,422 | 1,684,363 | 2,118,384 | 2,104,983 | 2,507,105 |
| Off of Asst Sec for Education | 0 | 0 | 475 | 1,531 | 1,654 | 1,132 |
| Off of the Asst Sec for Health | 0 | 0 | 0 | 0 | 28,080 | 13,269 |
| Office of Child Development | 0 | 0 | 0 | 0 | 0 | 0 |
| Office of Education | 102,184 | 66,318 | 53,126 | 56,758 | 30,262 | 25,837 |
| Office of Human Dvlpmt Svcs | 28,768 | 52,993 | 47,226 | 61,371 | 80,014 | 75,274 |
| Office of International Health | 703 | 3,696 | NA | NA | NA | NA |
| Office of the Secretary | 0 | 29,755 | 8,706 | 32,500 | 21,252 | 30,201 |
| Social & Rehabilitation Svc | 64,148 | 9,220 | 10,100 | 18,580 | NA | NA |
| Social Security Administration | 18,354 | 19,200 | 21,262 | 18,900 | 10,900 | 11,900 |
| Department of Health & Human Services, total | NA | NA | NA | NA | NA | NA |
| Admin for Children & Families | NA | NA | NA | NA | NA | NA |
| Administration on Aging | NA | NA | NA | NA | NA | NA |
| Agency for Healthcare Research and Quality ³ | NA | NA | NA | NA | NA | NA |
| Agency for Toxic Substances Disease & Registry ⁴ | NA | NA | NA | NA | NA | NA |
| Alcohol, Drug Abuse, & Mental Health Administration | NA | NA | NA | NA | NA | NA |
| Centers for Disease Control & Prevention | NA | NA | NA | NA | NA | NA |
| Food & Drug Administration | NA | NA | NA | NA | NA | NA |
| Health Care Financing Admin | NA | NA | NA | NA | NA | NA |
| Health Resources Admin | NA | NA | NA | NA | NA | NA |
| Health Resources & Svcs Admin | NA | NA | NA | NA | NA | NA |
| Health Services Administration | NA | NA | NA | NA | NA | NA |
| Human Development Services | NA | NA | NA | NA | NA | NA |
| National Institutes of Health ⁵ | NA | NA | NA | NA | NA | NA |
| Off of the Asst Sec for Health | NA | NA | NA | NA | NA | NA |
| Office of the Secretary, total | NA | NA | NA | NA | NA | NA |
| Office of the Asst Secretary, Planning & Evaluation | NA | NA | NA | NA | NA | NA |
| Off of Public Hlth & Science | NA | NA | NA | NA | NA | NA |
| Social Security Administration | NA | NA | NA | NA | NA | NA |
| Substance Abuse & Mental Health Services Administration ⁶ | NA | NA | NA | NA | NA | NA |

See explanatory information, if any, and SOURCE at end of table.

Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

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| Agency and subdivision | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 |
|--|---------|---------|---------|---------|---------|---------|
| Dept of Housing & Urban Dvlpmnt | 47,763 | 58,382 | 58,737 | 60,274 | 68,981 | 59,269 |
| Department of the Interior, total | 254,143 | 194,817 | 265,994 | 319,748 | 303,953 | 339,932 |
| Bonneville Power Admin | 2,576 | 1,932 | 3,727 | 8,307 | 0 | 0 |
| Bureau of Land Management | 722 | 663 | 523 | 728 | 881 | 1,228 |
| Bureau of Mines | 68,553 | 66,705 | 82,681 | 113,700 | 103,675 | 104,180 |
| Bureau of Reclamation | 9,514 | 6,883 | 8,006 | 8,733 | 10,126 | 10,873 |
| Federal Water Pollution Control Administration | NA | NA | NA | NA | NA | NA |
| Geological Survey | 62,741 | 68,671 | 95,176 | 115,664 | 112,205 | 128,711 |
| Heritage Conservation & Recreation Service | 24 | 20 | 20 | 20 | 20 | NA |
| Minerals Management Service | NA | NA | NA | NA | NA | NA |
| National Biological Service | NA | NA | NA | NA | NA | NA |
| National Park Service | 1,547 | 2,460 | 8,404 | 9,300 | 7,600 | 7,700 |
| National Resources Library | NA | NA | 0 | 0 | NA | NA |
| Office of Coal Research | 36,505 | NA | NA | NA | NA | NA |
| Office of the Secretary | 30,960 | 617 | 1,089 | 717 | 1,015 | 2,115 |
| Office of Surface Mining Reclamation & Enforcement | NA | NA | NA | NA | 0 | 0 |
| Office of Water Research & Technology, total | 13,085 | 22,834 | 23,015 | 19,011 | 14,208 | 17,585 |
| Office of Saline Water | NA | NA | NA | NA | NA | NA |
| Off of Water Resources Rsch | 13,085 | NA | NA | NA | NA | NA |
| United States Fish & Wildlife Service, total | 27,916 | 24,032 | 43,353 | 43,568 | 54,223 | 67,540 |
| Bureau of Commercial Fisheries | NA | NA | NA | NA | NA | NA |
| Bureau of Sport Fisheries & Wildlife | NA | NA | NA | NA | NA | NA |
| Department of Justice, total | 22,177 | 40,490 | 43,809 | 39,918 | 33,709 | 33,457 |
| Bureau of Prisons | 541 | 502 | 610 | 731 | 1,020 | 1,844 |
| Drug Enforcement Admin | 882 | 4,866 | 3,359 | 2,600 | 3,834 | 1,700 |
| Fed Bureau of Investigation | 854 | 622 | 580 | 1,387 | 1,145 | 889 |
| Immigration & Naturalization Service | 0 | 0 | 59 | 0 | 155 | 254 |
| Office of Justice Programs | 19,900 | 34,500 | 39,201 | 35,200 | 27,555 | 27,139 |
| Office of Legal Policy | 0 | 0 | 0 | 0 | 0 | 1,631 |
| Department of Labor, total | 18,334 | 22,477 | 25,358 | 27,814 | 28,062 | 97,629 |
| Bureau of Apprenticeship & Training | NA | NA | NA | NA | NA | NA |
| Bureau of Employment Security | NA | NA | NA | NA | NA | NA |
| Bureau of Labor Statistics | 998 | 1,662 | 1,830 | 1,308 | 1,372 | 1,238 |
| Employment Standards Admin | 1,320 | 879 | 3,222 | 4,097 | 4,313 | 3,642 |
| Employment & Training Admin | 14,607 | 16,107 | 15,476 | 17,545 | 16,755 | 86,599 |
| Labor-Management Relations & Cooperative Programs | NA | NA | NA | NA | NA | NA |
| Labor-Management Svcs Admin | 445 | 603 | 814 | 731 | 1,936 | 2,650 |
| Occupational Safety & Health Administration | 253 | 1,399 | 2,028 | 2,900 | 3,441 | 1,300 |
| Office of the Secretary | 711 | 1,827 | 1,988 | 1,233 | 245 | 2,200 |
| Pension & Welfare Benefits Administration | NA | NA | NA | NA | NA | NA |
| Pension Benefit Guaranty Corp | NA | NA | NA | NA | NA | NA |
| Wage & Hour Division | 0 | 0 | 0 | 0 | 0 | 0 |
| Post Office Department | NA | NA | NA | NA | NA | NA |

See explanatory information, if any, and SOURCE at end of table.

Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

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| Agency and subdivision | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 |
|--|-----------|-----------|-----------|-----------|---------|---------|
| Department of State, total | 20,806 | 24,785 | 28,639 | 27,034 | 44,065 | 57,486 |
| Agy for Internat'l Dvlpmt | 19,317 | 23,234 | 27,402 | 25,423 | 41,785 | 54,638 |
| Bureau of Intelligence & Rsch | 0 | 0 | 0 | 0 | 0 | 0 |
| Departmental Funds | 1,489 | 1,551 | 1,237 | 1,611 | 2,280 | 2,848 |
| Peace Corps | 0 | 0 | 0 | 0 | 0 | 0 |
| Dept of Transportation, total | 337,287 | 363,738 | 339,191 | 335,700 | 363,504 | 377,250 |
| Coast Guard | 39,453 | 47,894 | 16,078 | 17,800 | 17,000 | 20,300 |
| Federal Aviation Admin | 88,627 | 115,846 | 113,681 | 114,600 | 102,800 | 100,200 |
| Federal Highway Administration | 23,516 | 33,516 | 26,814 | 42,900 | 53,000 | 52,900 |
| Federal Motor Carrier Safety Administration ⁷ | NA | NA | NA | NA | NA | NA |
| Federal Railroad Admin | 41,416 | 38,269 | 51,088 | 48,500 | 57,300 | 62,400 |
| Federal Transit Administration | 72,199 | 57,817 | 60,869 | 48,200 | 52,100 | 52,500 |
| Infrastructure Investment | NA | NA | NA | NA | NA | NA |
| Maritime Administration | NA | NA | NA | NA | NA | NA |
| Materials Transportation Bureau | 0 | 0 | 0 | 0 | 0 | 0 |
| National Highway Traffic Safety Administration | 47,609 | 44,400 | 36,179 | 33,800 | 49,500 | 68,500 |
| Office of the Secretary | 24,467 | 25,996 | 34,482 | 29,900 | 31,804 | 19,650 |
| Rsch & Special Programs Admin | NA | NA | NA | NA | 0 | 800 |
| Department of the Treasury, total | 1,013 | 1,139 | 1,689 | 3,842 | 5,015 | 9,901 |
| Bureau of Alcohol, Tobacco, & Firearms | 0 | 0 | 0 | 0 | 1,105 | 1,974 |
| Bureau of Engraving & Printing | 1,013 | 1,139 | 1,689 | 2,782 | 2,500 | 3,700 |
| Financial Crimes Enforcement Network | 0 | 0 | 0 | 0 | 0 | 0 |
| Internal Revenue Service | 0 | 0 | 0 | 0 | 0 | 2,400 |
| Office of Thrift Supervision | NA | NA | NA | NA | NA | NA |
| United States Customs Service | 0 | 0 | 0 | 1,060 | 1,410 | 1,827 |
| United States Mint | 0 | 0 | 0 | 0 | 0 | 0 |
| United States Secret Service | NA | NA | NA | NA | NA | NA |
| Department of Veterans Affairs | 82,793 | 85,715 | 97,026 | 109,504 | 112,822 | 123,931 |
| Other agencies: | | | | | | |
| ACTION | 0 | 101 | 26 | 75 | 353 | 1,633 |
| Advisory Commission on Intergovernmental Relations | 761 | 1,009 | 1,060 | 964 | 1,339 | 1,492 |
| Appalachian Regional Commission | NA | NA | NA | 719 | 570 | 460 |
| Atomic Energy Commission | 1,624,370 | NA | NA | NA | NA | NA |
| Broadcasting Board of Governors ⁸ | NA | NA | NA | NA | NA | NA |
| Civil Aeronautics Board | 0 | 0 | 0 | 0 | 0 | 0 |
| Civil Service Commission | 2,372 | 3,085 | 4,392 | 4,049 | 3,905 | NA |
| Community Services Admin | NA | 41,823 | 24,500 | 10,000 | 21,000 | 24,100 |
| Consumer Product Safety Comm | 6 | 4,257 | 7,859 | 3,817 | 6,803 | 4,203 |
| Energy Research & Dvlpmt Admin | 0 | 1,824,987 | 2,246,625 | 2,553,700 | NA | NA |
| Energy Security Trust Fund | NA | NA | NA | NA | NA | NA |
| Environmental Protection Agency ⁴ | 147,668 | 172,242 | 218,567 | 265,620 | 282,950 | 312,514 |
| Fed Communications Commission | 665 | 1,181 | 849 | 1,071 | 1,878 | 2,400 |
| Federal Emergency Management Agency, total | NA | NA | NA | NA | NA | 6,795 |
| Def Civil Preparedness Agcy | NA | NA | NA | NA | NA | NA |
| National Fire Prevention & Control Administration | NA | NA | NA | NA | NA | 6,795 |
| Federal Energy Administration | 0 | 0 | 1,046 | 3,252 | NA | NA |
| Federal Trade Commission | 670 | 932 | 934 | 850 | 1,111 | 1,356 |
| Foundation for Ed Assistance | NA | NA | NA | NA | NA | NA |
| General Services Administration | 517 | 1,783 | 1,708 | 1,212 | 915 | 2,666 |

See explanatory information, if any, and SOURCE at end of table.

Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

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| Agency and subdivision | 1973 | 1974 | 1975 | 1976 | 1977 | 1978 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|
| International Development | | | | | | |
| Cooperation Agency, total | NA | NA | NA | NA | NA | NA |
| Agcy for Internat'l Dvlpmt | NA | NA | NA | NA | NA | NA |
| Institute for Scientific & Technological Cooperation | 0 | 0 | 0 | 0 | 0 | 0 |
| Interstate Commerce Commission | 0 | 0 | 0 | 123 | 64 | 250 |
| Library of Congress | 2,475 | 2,143 | 2,472 | 2,893 | 3,600 | 4,700 |
| Nat'l Aeronautics & Space Admin ⁹ | 3,315,163 | 3,256,216 | 3,266,491 | 3,669,022 | 3,449,130 | 3,432,130 |
| Nat'l Archives & Records Admin | NA | NA | NA | NA | NA | NA |
| National Science Foundation | 470,941 | 584,711 | 600,400 | 669,100 | 674,700 | 738,566 |
| Nuclear Regulatory Commission | NA | 46,148 | 58,458 | 76,879 | 107,823 | 131,690 |
| Office of Economic Opportunity | 76,900 | NA | NA | NA | NA | NA |
| Office of Emergency Preparedness | NA | NA | NA | NA | NA | NA |
| Office of Personnel Management | NA | NA | NA | NA | NA | 4,474 |
| Office of Science & Technology | NA | NA | NA | NA | NA | NA |
| Off of Telecommunications Policy | 811 | 534 | 4,147 | 4,704 | NA | NA |
| Office of Thrift Supervision | 530 | 664 | 663 | 782 | 1,665 | 977 |
| Postal Service | 0 | 0 | 0 | 0 | 0 | 0 |
| Small Business Administration | 0 | 0 | 172 | 52 | 466 | 0 |
| Smithsonian Institution | 22,791 | 22,329 | 24,871 | 27,633 | 30,103 | 34,668 |
| Social Security Administration | NA | NA | NA | NA | NA | NA |
| Special Action Office for Drug Abuse Prevention | 32 | 11,112 | 14,937 | NA | NA | NA |
| Tennessee Valley Authority | 16,430 | 18,859 | 27,156 | 34,395 | 30,205 | 53,377 |
| United States Arms Control & Disarmament Agency ¹⁰ | 1,966 | 1,359 | 1,005 | 1,825 | 2,238 | 3,636 |
| United States Commission on Civil Rights | 0 | 0 | 0 | 0 | 0 | 0 |
| United States Information Agency ¹¹ | 124 | 114 | 107 | 92 | 86 | 148 |
| United States International Trade Commission ¹² | 0 | 0 | 0 | 1,500 | 2,649 | 3,119 |

See explanatory information, if any, and SOURCE at end of table.

Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

| Agency and subdivision | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 |
|--|------------|------------|------------|------------|------------|------------|
| Total, all agencies | 27,040,965 | 30,635,823 | 34,065,853 | 35,766,774 | 37,959,362 | 41,330,148 |
| Departments: | | | | | | |
| Department of Agriculture, total | 630,474 | 687,556 | 782,458 | 828,413 | 858,780 | 893,540 |
| Agricultural Cooperative Svc | NA | 1,633 | 1,264 | 1,711 | 2,130 | 2,199 |
| Agricultural Marketing Service | 904 | 1,277 | 1,210 | 1,526 | 649 | 1,716 |
| Agricultural Research Service | NA | NA | 425,913 | 436,075 | 469,400 | 479,300 |
| Agricultural Stabilization & Conservation Service | 0 | 0 | 0 | 0 | 0 | 0 |
| Animal & Plant Health | | | | | | |
| Inspection Service | 0 | 0 | 0 | 0 | 0 | 0 |
| Cooperative State Research, Ed, & Extension Service | NA | NA | 198,992 | 219,846 | 220,357 | 239,490 |
| Economic Research Service | NA | NA | 38,026 | 36,981 | 36,836 | 40,929 |
| Economics, Statistics, & Cooperative Svc, total | 35,600 | NA | NA | NA | NA | NA |
| Economic Research Service | NA | NA | NA | NA | NA | NA |
| Farmer Cooperative Service | NA | NA | NA | NA | NA | NA |
| Statistical Reporting Svc | NA | NA | NA | NA | NA | NA |
| Economics & Statistics Service | NA | 31,051 | NA | NA | NA | NA |
| Food Safety Inspection Service | NA | NA | 0 | 0 | 0 | 0 |
| Foreign Agricultural Service | NA | NA | NA | NA | NA | 0 |
| Forest Service | 105,700 | 100,561 | 101,845 | 115,969 | 111,095 | 109,234 |
| Grain Inspection Packers & Stockyards Administration | 0 | 0 | 0 | 0 | 0 | 0 |
| Human Nutrition Info Svc | NA | NA | 0 | 3,800 | 5,766 | 7,913 |
| Nat'l Agri Statistics Svc | NA | NA | 7,500 | 7,000 | 7,600 | 8,200 |
| Natural Resources Conservation Service | 0 | 0 | 0 | 0 | 0 | 0 |
| Office of International Cooperation & Development | 0 | 6,446 | 6,853 | 4,615 | 4,098 | 3,554 |
| Office of Transportation | 519 | 767 | 855 | 890 | 849 | 1,005 |
| Rural Business-Cooperative Svc | NA | NA | NA | NA | NA | NA |
| Rural Development Service | NA | NA | NA | NA | NA | NA |
| Science & Ed Admin, total | 487,751 | 545,821 | NA | NA | NA | NA |
| Agricultural Research Svc | 331,158 | 371,576 | NA | NA | NA | NA |
| Cooperative State Rsch Svc | 156,593 | 174,245 | NA | NA | NA | NA |
| Nat'l Agricultural Library | NA | NA | NA | NA | NA | NA |
| Department of Commerce, total | 307,094 | 360,640 | 346,792 | 286,460 | 335,199 | 336,255 |
| Bureau of the Census | 2,742 | 3,157 | 3,812 | 3,745 | 4,268 | 4,396 |
| Economic Development Admin | 26,700 | 35,500 | 35,500 | 12,100 | 5,300 | 5,148 |
| Env Science Svcs Admin | NA | NA | NA | NA | NA | NA |
| Maritime Administration | 18,670 | 24,119 | NA | NA | NA | NA |
| Minority Business Dvlpmt Agcy | 0 | 0 | 0 | 0 | 0 | 0 |
| National Fire Prevention & Control Administration | NA | NA | NA | NA | NA | NA |
| Nat'l Inst of Standards & Tech | 64,758 | 77,129 | 84,372 | 87,609 | 93,966 | 103,314 |
| National Oceanic & Atmospheric Administration | 190,110 | 210,583 | 208,969 | 174,100 | 222,037 | 214,700 |
| Nat'l Technical Information Svc | 0 | 0 | 0 | 0 | 0 | 0 |
| National Telecommunications & Information Administration | 3,300 | 9,100 | 12,923 | 8,000 | 9,620 | 8,605 |
| Office of Productivity, Technology, & Innovation | NA | NA | NA | NA | NA | NA |
| Office of the Secretary | 279 | 592 | 109 | 200 | 8 | 92 |
| Office of Telecommunications | NA | NA | NA | NA | NA | NA |
| Patent & Trademark Office | 535 | 460 | 1,107 | 706 | 0 | 0 |
| United States Travel & Tourism Administration | 0 | 0 | 0 | 0 | 0 | 0 |

See explanatory information, if any, and SOURCE at end of table.

Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

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| Agency and subdivision | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 |
|--|------------|------------|------------|------------|------------|------------|
| Department of Defense, total | 11,733,102 | 13,706,133 | 15,993,018 | 18,482,948 | 21,373,530 | 22,999,421 |
| Defense Agencies, total | 814,181 | 981,435 | 1,160,041 | 1,419,975 | 1,817,341 | 1,217,823 |
| Ballistic Missile Def Org | NA | NA | NA | NA | NA | NA |
| Chemical and Biological | | | | | | |
| Defense ¹ | NA | NA | NA | NA | NA | NA |
| Def Adv Rsch Projects Agcy | NA | NA | NA | NA | NA | NA |
| Defense Info Systems Agcy | NA | NA | NA | NA | NA | NA |
| Defense Logistics Agency | NA | NA | NA | NA | NA | NA |
| Def Special Weapons Agcy | NA | NA | NA | NA | NA | NA |
| Def Threat Reduction Agcy | NA | NA | NA | NA | NA | NA |
| Joint Staff | NA | NA | NA | NA | NA | NA |
| Nat'l Imagery & Mapping Agcy | NA | NA | NA | NA | NA | NA |
| Special Operations Command | NA | NA | NA | NA | NA | NA |
| TRICARE Management Activity ² | NA | NA | NA | NA | NA | NA |
| Uniformed Services University | | | | | | |
| of the Health Sciences | NA | NA | NA | NA | NA | NA |
| Washington Headquarters | | | | | | |
| Services | NA | NA | NA | NA | NA | NA |
| Dept of the Air Force, total | 4,427,950 | 5,323,563 | 6,756,612 | 8,209,104 | 9,640,900 | 10,849,697 |
| DT&E Support from Operations | | | | | | |
| & Maintenance | 0 | 0 | 0 | 0 | 0 | 0 |
| DT&E Support from Procurement | | | | | | |
| Appropriations | 0 | 0 | 0 | 0 | 0 | 0 |
| Housing for Military | | | | | | |
| Personnel in R&D | 0 | 0 | 0 | 0 | 0 | 0 |
| Military Construction | 100,000 | 46,000 | 87,000 | 26,500 | 53,300 | 60,240 |
| Pay & Allowances of Military | | | | | | |
| Personnel in R&D | 248,193 | 261,000 | 328,700 | 388,400 | 405,900 | 436,150 |
| RDT&E Appropriation | 4,079,757 | 5,016,563 | 6,340,912 | 7,794,204 | 9,181,700 | 10,353,307 |
| Special Foreign Currency | | | | | | |
| Program | 0 | 0 | 0 | 0 | 0 | 0 |
| Department of the Army, total | 2,536,219 | 2,852,886 | 3,123,711 | 3,414,351 | 3,848,459 | 4,017,399 |
| Department of the Army, Civil | | | | | | |
| Functions | 25,592 | 29,755 | 30,025 | 29,038 | 28,685 | 28,253 |
| Department of the Army, | | | | | | |
| Military Functions | 2,510,627 | 2,823,131 | 3,093,686 | 3,385,313 | 3,819,774 | 3,989,146 |
| Housing for Military | | | | | | |
| Personnel in R&D | 0 | 0 | 0 | 0 | 0 | 0 |
| Military Construction | 1,000 | 5,700 | 5,800 | 10,300 | 17,200 | 25,600 |
| Pay & Allowances of Military | | | | | | |
| Personnel in R&D | 100,757 | 110,400 | 129,900 | 145,300 | 144,300 | 150,600 |
| RDT&E Appropriation | 2,408,870 | 2,707,031 | 2,957,986 | 3,229,713 | 3,658,014 | 3,812,330 |
| Special Foreign Currency | | | | | | |
| Program | 0 | 0 | 0 | 0 | 260 | 616 |
| Support from Procurement | | | | | | |
| Appropriations | 0 | 0 | 0 | 0 | 0 | 0 |
| Department of the Navy, total | 3,926,432 | 4,507,858 | 4,916,911 | 5,394,737 | 6,023,509 | 6,859,765 |
| DT&E Support from Operations | | | | | | |
| & Maintenance | 0 | 0 | 0 | 0 | 0 | 0 |
| DT&E Support from Procurement | | | | | | |
| Appropriations | 0 | 0 | 0 | 0 | 0 | 0 |
| Housing for Military | | | | | | |
| Personnel in R&D | 0 | 0 | 0 | 0 | 0 | 0 |
| Military Construction | 7,300 | 27,900 | 12,200 | 21,000 | 35,700 | 52,412 |
| Pay & Allowances of Military | | | | | | |
| Personnel in R&D | 86,621 | 95,900 | 119,300 | 129,900 | 132,600 | 145,349 |
| RDT&E Appropriation | 3,826,449 | 4,381,458 | 4,782,911 | 5,240,315 | 5,853,891 | 6,661,712 |
| Special Foreign Currency | | | | | | |
| Program | 6,062 | 2,600 | 2,500 | 3,522 | 1,318 | 292 |
| Def Civil Preparedness Agcy | NA | NA | NA | NA | NA | NA |
| Health Affairs, Assistant | | | | | | |
| Secretary of Defense for | NA | NA | NA | NA | NA | NA |
| Operational Test & Evaluation, | | | | | | |
| Director | NA | NA | NA | NA | NA | NA |
| Test & Evaluation, Deputy Under | | | | | | |
| Secretary of Defense | 28,320 | 40,391 | 35,743 | 44,781 | 43,321 | 54,737 |

See explanatory information, if any, and SOURCE at end of table.

Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

| Agency and subdivision | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|
| Department of Education | 136,476 | 120,910 | 0 | 150,059 | 111,453 | 181,330 |
| Department of Energy | 4,956,800 | 5,660,248 | 6,125,884 | 5,785,412 | 5,641,905 | 5,656,406 |
| Dept of Health, Education, & Welfare, total | NA | NA | NA | NA | NA | NA |
| Alcohol, Drug Abuse, & Mental Health Administration | NA | NA | NA | NA | NA | NA |
| Center for Disease Control | NA | NA | NA | NA | NA | NA |
| Environmental Health Service | NA | NA | NA | NA | NA | NA |
| Food & Drug Administration | NA | NA | NA | NA | NA | NA |
| Health Care Financing Admin | NA | NA | NA | NA | NA | NA |
| Health Resources Admin | NA | NA | NA | NA | NA | NA |
| Health Services Administration | NA | NA | NA | NA | NA | NA |
| Hlth Svcs & Mental Health Admin | NA | NA | NA | NA | NA | NA |
| National Inst of Education | NA | NA | NA | NA | NA | NA |
| National Institutes of Health | NA | NA | NA | NA | NA | NA |
| Off of Asst Sec for Education | NA | NA | NA | NA | NA | NA |
| Off of the Asst Sec for Health | NA | NA | NA | NA | NA | NA |
| Office of Child Development | NA | NA | NA | NA | NA | NA |
| Office of Education | NA | NA | NA | NA | NA | NA |
| Office of Human Dvlpmt Svcs | NA | NA | NA | NA | NA | NA |
| Office of International Health | NA | NA | NA | NA | NA | NA |
| Office of the Secretary | NA | NA | NA | NA | NA | NA |
| Social & Rehabilitation Svc | NA | NA | NA | NA | NA | NA |
| Social Security Administration | NA | NA | NA | NA | NA | NA |
| Department of Health & Human Services, total | 3,172,700 | 3,554,091 | 3,997,524 | 4,052,072 | 4,118,586 | 4,484,860 |
| Admin for Children & Families | NA | NA | NA | NA | NA | NA |
| Administration on Aging | NA | NA | NA | NA | NA | NA |
| Agency for Healthcare Research and Quality ³ | NA | NA | NA | NA | NA | NA |
| Agency for Toxic Substances Disease & Registry ⁴ | NA | NA | NA | NA | NA | NA |
| Alcohol, Drug Abuse, & Mental Health Administration | 184,736 | 218,060 | 251,073 | 292,036 | 289,820 | 276,100 |
| Centers for Disease Control & Prevention | 72,391 | 72,572 | 83,018 | 88,379 | 80,440 | 46,342 |
| Food & Drug Administration | 40,590 | 61,000 | 57,600 | 59,400 | 75,600 | 86,900 |
| Health Care Financing Admin | 19,490 | 29,420 | 35,438 | 29,083 | 30,208 | 33,100 |
| Health Resources Admin | 3,200 | 2,752 | 3,726 | NA | NA | NA |
| Health Resources & Svcs Admin | NA | NA | NA | 17,476 | 16,327 | 13,426 |
| Health Services Administration | 23,051 | 20,200 | 16,867 | NA | NA | NA |
| Human Development Services | 57,088 | 48,468 | 85,470 | 32,966 | 22,312 | 15,367 |
| National Institutes of Health ⁵ | 2,713,447 | 3,029,267 | 3,392,200 | 3,475,000 | 3,562,925 | 3,981,075 |
| Off of the Asst Sec for Health | 14,726 | 26,965 | 37,224 | 29,005 | 16,875 | 11,485 |
| Office of the Secretary, total | 26,540 | 24,000 | 19,500 | 13,353 | 14,441 | 10,365 |
| Office of the Asst Secretary, Planning & Evaluation | NA | NA | NA | NA | NA | NA |
| Off of Public Hlth & Science | NA | NA | NA | NA | NA | NA |
| Social Security Administration | 17,441 | 21,387 | 15,408 | 15,374 | 9,638 | 10,700 |
| Substance Abuse & Mental Health Services Administration ⁶ | NA | NA | NA | NA | NA | NA |

See explanatory information, if any, and SOURCE at end of table.

Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

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| Agency and subdivision | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 |
|--|---------|---------|---------|---------|---------|---------|
| Dept of Housing & Urban Dvlpmnt | 74,324 | 65,785 | 54,078 | 37,035 | 30,903 | 24,886 |
| Department of the Interior, total | 404,277 | 431,486 | 436,935 | 394,920 | 412,682 | 435,867 |
| Bonneville Power Admin | 0 | 0 | 13,987 | NA | NA | NA |
| Bureau of Land Management | 1,335 | 1,654 | 1,855 | 5,288 | 3,851 | 3,800 |
| Bureau of Mines | 121,378 | 130,802 | 109,000 | 105,181 | 101,979 | 111,372 |
| Bureau of Reclamation | 10,983 | 13,055 | 13,391 | 10,693 | 11,096 | 10,130 |
| Federal Water Pollution Control Administration | NA | NA | NA | NA | NA | NA |
| Geological Survey | 144,157 | 145,168 | 168,197 | 150,070 | 171,365 | 228,368 |
| Heritage Conservation & Recreation Service | NA | NA | NA | NA | NA | NA |
| Minerals Management Service | NA | NA | NA | 0 | 1,300 | 1,500 |
| National Biological Service | NA | NA | NA | NA | NA | NA |
| National Park Service | 8,944 | 8,243 | 10,351 | 11,203 | 13,746 | 14,000 |
| National Resources Library | NA | NA | NA | NA | NA | NA |
| Office of Coal Research | NA | NA | NA | NA | NA | NA |
| Office of the Secretary | 1,458 | 1,865 | 2,020 | 359 | 1,262 | 569 |
| Office of Surface Mining Reclamation & Enforcement | 4,979 | 7,771 | 5,794 | 1,400 | 1,478 | 797 |
| Office of Water Research & Technology, total | 23,789 | 29,958 | 21,840 | 20,326 | 8,261 | 2,573 |
| Office of Saline Water | NA | NA | NA | NA | NA | NA |
| Off of Water Resources Rsch | NA | NA | NA | NA | NA | NA |
| United States Fish & Wildlife Service, total | 87,254 | 92,970 | 90,500 | 90,400 | 98,344 | 62,758 |
| Bureau of Commercial Fisheries | NA | NA | NA | NA | NA | NA |
| Bureau of Sport Fisheries & Wildlife | NA | NA | NA | NA | NA | NA |
| Department of Justice, total | 45,878 | 45,320 | 26,093 | 36,581 | 27,586 | 26,515 |
| Bureau of Prisons | 3,263 | 2,107 | 2,507 | 1,668 | 1,690 | 1,600 |
| Drug Enforcement Admin | 2,700 | 4,400 | 1,200 | 2,700 | 2,500 | 2,000 |
| Fed Bureau of Investigation | 2,514 | 1,804 | 1,453 | 1,110 | 1,898 | 2,479 |
| Immigration & Naturalization Service | 286 | 302 | 1,032 | 323 | 223 | 565 |
| Office of Justice Programs | 35,500 | 35,075 | 19,166 | 30,430 | 21,075 | 19,571 |
| Office of Legal Policy | 1,615 | 1,632 | 735 | 350 | 200 | 300 |
| Department of Labor, total | 109,170 | 137,733 | 61,616 | 29,431 | 16,761 | 14,072 |
| Bureau of Apprenticeship & Training | NA | NA | NA | NA | NA | NA |
| Bureau of Employment Security | NA | NA | NA | NA | NA | NA |
| Bureau of Labor Statistics | 912 | 925 | 251 | 291 | 665 | 547 |
| Employment Standards Admin | 5,078 | 4,700 | 3,000 | 1,300 | 1,302 | 1,290 |
| Employment & Training Admin | 92,987 | 121,745 | 52,148 | 20,208 | 6,041 | 3,485 |
| Labor-Management Relations & Cooperative Programs | NA | NA | NA | NA | NA | 295 |
| Labor-Management Svcs Admin | 3,486 | 2,763 | 1,717 | 700 | 864 | NA |
| Occupational Safety & Health Administration | 5,107 | 6,300 | 3,000 | 4,900 | 5,264 | 5,075 |
| Office of the Secretary | 1,600 | 1,300 | 1,000 | 900 | 1,525 | 1,900 |
| Pension & Welfare Benefits Administration | NA | NA | NA | NA | NA | 1,150 |
| Pension Benefit Guaranty Corp | NA | NA | 500 | 1,132 | 1,100 | 330 |
| Wage & Hour Division | 0 | 0 | 0 | 0 | 0 | 0 |
| Post Office Department | NA | NA | NA | NA | NA | NA |

See explanatory information, if any, and SOURCE at end of table.

Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

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| Agency and subdivision | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 |
|--|---------|---------|---------|---------|---------|---------|
| Department of State, total | 3,168 | 2,206 | 1,766 | 1,549 | 1,488 | 1,550 |
| Agy for Internat'l Dvlpmnt | NA | NA | NA | NA | NA | NA |
| Bureau of Intelligence & Rsch | 0 | 0 | 0 | 0 | 0 | 0 |
| Departmental Funds | 3,168 | 2,206 | 1,766 | 0 | 0 | 0 |
| Peace Corps | 0 | 0 | 0 | 0 | 0 | 0 |
| Dept of Transportation, total | 372,362 | 390,969 | 432,092 | 359,950 | 282,281 | 357,458 |
| Coast Guard | 20,454 | 17,878 | 25,867 | 19,988 | 19,555 | 19,456 |
| Federal Aviation Admin | 111,400 | 109,700 | 125,900 | 110,900 | 99,500 | 167,500 |
| Federal Highway Administration | 48,900 | 53,400 | 59,100 | 42,500 | 32,500 | 51,077 |
| Federal Motor Carrier Safety Administration ⁷ | NA | NA | NA | NA | NA | NA |
| Federal Railroad Admin | 58,000 | 63,500 | 55,000 | 25,600 | 18,500 | 14,730 |
| Federal Transit Administration | 50,532 | 58,910 | 61,900 | 69,791 | 36,513 | 31,200 |
| Infrastructure Investment | NA | NA | NA | NA | NA | NA |
| Maritime Administration | NA | NA | 17,362 | 18,897 | 13,500 | 11,100 |
| Materials Transportation Bureau | 0 | 0 | 0 | 0 | 0 | 0 |
| National Highway Traffic Safety Administration | 53,600 | 60,300 | 60,800 | 60,200 | 51,100 | 53,200 |
| Office of the Secretary | 16,676 | 14,881 | 13,863 | 5,574 | 4,013 | 4,995 |
| Rsch & Special Programs Admin | 12,800 | 12,400 | 12,300 | 6,500 | 7,100 | 4,200 |
| Department of the Treasury, total | 9,581 | 10,900 | 10,826 | 13,644 | 15,603 | 13,582 |
| Bureau of Alcohol, Tobacco, & Firearms | 2,513 | 1,550 | 300 | NA | NA | NA |
| Bureau of Engraving & Printing | 2,088 | 2,300 | 2,712 | 4,803 | 3,916 | 3,577 |
| Financial Crimes Enforcement Network | 0 | 0 | 0 | 0 | 0 | 0 |
| Internal Revenue Service | 3,600 | 4,000 | 4,170 | 5,395 | 7,973 | 7,941 |
| Office of Thrift Supervision | NA | NA | NA | NA | NA | NA |
| United States Customs Service | 1,380 | 3,040 | 3,534 | 3,185 | 3,357 | 1,897 |
| United States Mint | 0 | 0 | 0 | 0 | 0 | 0 |
| United States Secret Service | NA | 10 | 110 | 261 | 357 | 167 |
| Department of Veterans Affairs | 123,128 | 138,608 | 144,300 | 140,681 | 164,671 | 193,623 |
| Other agencies: | | | | | | |
| ACTION | 1,573 | 0 | 0 | 0 | 0 | 0 |
| Advisory Commission on Intergovernmental Relations | 1,712 | 1,717 | 1,917 | 1,762 | 1,889 | 2,122 |
| Appalachian Regional Commission | 870 | 800 | 375 | 400 | 247 | 400 |
| Atomic Energy Commission | NA | NA | NA | NA | NA | NA |
| Broadcasting Board of Governors ⁸ | NA | NA | NA | NA | NA | NA |
| Civil Aeronautics Board | 0 | NA | NA | NA | NA | NA |
| Civil Service Commission | NA | NA | NA | NA | NA | NA |
| Community Services Admin | 19,500 | 25,515 | 26,187 | NA | NA | NA |
| Consumer Product Safety Comm | 5,800 | 6,300 | 931 | 220 | 516 | 1,246 |
| Energy Research & Dvlpmnt Admin | NA | NA | NA | NA | NA | NA |
| Energy Security Trust Fund | 0 | NA | NA | NA | NA | NA |
| Environmental Protection Agency ⁴ | 388,867 | 384,700 | 344,300 | 336,200 | 312,500 | 266,100 |
| Fed Communications Commission | 1,941 | 3,096 | 1,613 | 1,163 | 1,311 | 896 |
| Federal Emergency Management Agency, total | 11,953 | 11,249 | 11,599 | 8,751 | 3,153 | 10,937 |
| Def Civil Preparedness Agcy | 0 | 0 | 0 | 0 | 0 | 0 |
| National Fire Prevention & Control Administration | 0 | 0 | 0 | 0 | 0 | 0 |
| Federal Energy Administration | NA | NA | NA | NA | NA | NA |
| Federal Trade Commission | 1,521 | 3,216 | 1,100 | 1,188 | 1,364 | 1,558 |
| Foundation for Ed Assistance | NA | NA | 111,824 | NA | NA | NA |
| General Services Administration | 493 | 159 | 610 | 1,009 | 488 | 2,429 |

See explanatory information, if any, and SOURCE at end of table.

Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

| Agency and subdivision | 1979 | 1980 | 1981 | 1982 | 1983 | 1984 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|
| International Development | | | | | | |
| Cooperation Agency, total | 80,305 | 114,330 | 166,118 | 188,593 | 225,186 | 207,174 |
| Agcy for Internat'l Dvlpmt | 80,305 | 114,330 | 166,118 | 188,593 | 225,186 | 207,174 |
| Institute for Scientific & Technological Cooperation | 0 | 0 | 0 | 0 | 0 | 0 |
| Interstate Commerce Commission | 150 | 143 | 0 | 0 | 0 | 0 |
| Library of Congress | 5,400 | 6,500 | 5,100 | 5,396 | 6,683 | 7,236 |
| Nat'l Aeronautics & Space Admin ⁹ | 3,395,219 | 3,605,729 | 3,705,533 | 3,252,900 | 2,646,166 | 3,730,600 |
| Nat'l Archives & Records Admin | NA | NA | NA | NA | NA | NA |
| National Science Foundation | 804,561 | 848,200 | 905,000 | 1,015,105 | 994,698 | 1,151,000 |
| Nuclear Regulatory Commission | 145,422 | 182,752 | 215,960 | 208,612 | 244,043 | 198,607 |
| Office of Economic Opportunity | NA | NA | NA | NA | NA | NA |
| Office of Emergency Preparedness | NA | NA | NA | NA | NA | NA |
| Office of Personnel Management | 5,990 | 6,788 | 8,054 | 0 | 0 | 0 |
| Office of Science & Technology | NA | NA | NA | NA | NA | NA |
| Off of Telecommunications Policy | NA | NA | NA | NA | NA | NA |
| Office of Thrift Supervision | 863 | 1,227 | 1,036 | 2,701 | 3,038 | 2,644 |
| Postal Service | 0 | 0 | 0 | 0 | 0 | 0 |
| Small Business Administration | 0 | 0 | 0 | 0 | 0 | 0 |
| Smithsonian Institution | 37,813 | 39,520 | 43,910 | 48,446 | 57,300 | 55,209 |
| Social Security Administration | NA | NA | NA | NA | NA | NA |
| Special Action Office for Drug Abuse Prevention | NA | NA | NA | NA | NA | NA |
| Tennessee Valley Authority | 45,423 | 75,348 | 94,300 | 89,500 | 63,700 | 66,261 |
| United States Arms Control & Disarmament Agency ¹⁰ | 3,540 | 3,795 | 2,444 | 1,902 | 975 | 1,346 |
| United States Commission on Civil Rights | 0 | 0 | 0 | 0 | 0 | 0 |
| United States Information Agency ¹¹ | 98 | 86 | 1,163 | 7 | 5 | 3 |
| United States International Trade Commission ¹² | 3,417 | 2,068 | 3,397 | 3,764 | 4,672 | 5,015 |

See explanatory information, if any, and SOURCE at end of table.

Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

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| Agency and subdivision | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
|--|------------|------------|------------|------------|------------|------------|
| Total, all agencies | 45,860,332 | 52,090,332 | 53,214,153 | 56,556,557 | 61,476,447 | 64,151,083 |
| Departments: | | | | | | |
| Department of Agriculture, total | 923,247 | 953,020 | 993,990 | 1,049,706 | 1,129,828 | 1,196,695 |
| Agricultural Cooperative Svc | 2,936 | 2,622 | 2,770 | 2,690 | 2,821 | 2,721 |
| Agricultural Marketing Service | 1,283 | 1,667 | 1,370 | 1,574 | 1,548 | 2,730 |
| Agricultural Research Service | 492,900 | 500,500 | 526,511 | 540,391 | 579,695 | 603,355 |
| Agricultural Stabilization & Conservation Service | 0 | 0 | 0 | 0 | 0 | 0 |
| Animal & Plant Health | | | | | | |
| Inspection Service | 0 | 4,167 | 4,933 | 6,152 | 7,654 | 14,031 |
| Cooperative State Research, Ed, & Extension Service | 243,623 | 256,450 | 274,111 | 294,789 | 336,912 | 361,929 |
| Economic Research Service | 45,107 | 46,037 | 43,162 | 47,153 | 50,005 | 50,726 |
| Economics, Statistics, & Cooperative Svc, total | NA | NA | NA | NA | NA | NA |
| Economic Research Service | NA | NA | NA | NA | NA | NA |
| Farmer Cooperative Service | NA | NA | NA | NA | NA | NA |
| Statistical Reporting Svc | NA | NA | NA | NA | NA | NA |
| Economics & Statistics Service | NA | NA | NA | NA | NA | NA |
| Food Safety Inspection Service | 0 | 0 | 0 | 0 | 0 | 0 |
| Foreign Agricultural Service | 0 | 0 | 0 | 0 | 0 | 0 |
| Forest Service | 113,789 | 113,479 | 120,650 | 138,000 | 136,394 | 144,500 |
| Grain Inspection Packers & Stockyards Administration | 917 | 988 | 1,194 | 1,035 | 1,100 | 647 |
| Human Nutrition Info Svc | 7,182 | 10,600 | 9,649 | 8,215 | 8,395 | 9,031 |
| Nat'l Agri Statistics Svc | 8,393 | 8,009 | 3,548 | 3,623 | 2,849 | 2,722 |
| Natural Resources Conservation Service | 0 | 0 | 0 | 0 | 0 | 0 |
| Office of International Cooperation & Development | 5,774 | 7,496 | 5,060 | 5,009 | 2,455 | 4,303 |
| Office of Transportation | 1,343 | 1,005 | 1,032 | 1,075 | NA | NA |
| Rural Business-Cooperative Svc | NA | NA | NA | NA | NA | NA |
| Rural Development Service | NA | NA | NA | NA | NA | NA |
| Science & Ed Admin, total | NA | NA | NA | NA | NA | NA |
| Agricultural Research Svc | NA | NA | NA | NA | NA | NA |
| Cooperative State Rsch Svc | NA | NA | NA | NA | NA | NA |
| Nat'l Agricultural Library | NA | NA | NA | NA | NA | NA |
| Department of Commerce, total | 377,827 | 380,069 | 311,133 | 389,402 | 403,171 | 441,485 |
| Bureau of the Census | 4,776 | 4,626 | 4,543 | 5,594 | 5,012 | 6,726 |
| Economic Development Admin | 7,800 | 7,800 | 7,200 | 2,700 | 1,300 | 1,510 |
| Env Science Svcs Admin | NA | NA | NA | NA | NA | NA |
| Maritime Administration | NA | NA | NA | NA | NA | NA |
| Minority Business Dvlpmt Agcy | 0 | 0 | 0 | 0 | 0 | 0 |
| National Fire Prevention & Control Administration | NA | NA | NA | NA | NA | NA |
| Nat'l Inst of Standards & Tech | 106,505 | 109,231 | 102,091 | 111,404 | 121,489 | 120,333 |
| National Oceanic & Atmospheric Administration | 249,100 | 248,700 | 189,200 | 263,471 | 269,109 | 306,745 |
| Nat'l Technical Information Svc | 0 | 0 | 0 | 0 | 0 | 0 |
| National Telecommunications & Information Administration | 9,046 | 8,471 | 7,807 | 6,111 | 6,199 | 6,164 |
| Office of Productivity, Technology, & Innovation | NA | NA | NA | NA | NA | NA |
| Office of the Secretary | 600 | 1,241 | 292 | 122 | 62 | 7 |
| Office of Telecommunications | NA | NA | NA | NA | NA | NA |
| Patent & Trademark Office | 0 | 0 | 0 | 0 | 0 | 0 |
| United States Travel & Tourism Administration | 0 | 0 | 0 | 0 | 0 | 0 |

See explanatory information, if any, and SOURCE at end of table.

Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

| Agency and subdivision | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
|--|------------|------------|------------|------------|------------|------------|
| Department of Defense, total | 27,143,690 | 32,491,131 | 33,611,768 | 34,572,979 | 36,869,067 | 37,140,040 |
| Defense Agencies, total | 2,289,966 | 4,068,157 | 4,995,810 | 5,690,263 | 6,501,293 | 6,853,609 |
| Ballistic Missile Def Org | NA | NA | 3,081,164 | 3,326,595 | 2,067 | 3,562,905 |
| Chemical and Biological Defense ¹ | NA | NA | NA | NA | NA | NA |
| Def Adv Rsch Projects Agcy | NA | NA | 718,315 | 664,576 | 329,847 | 1,316,000 |
| Defense Info Systems Agcy | NA | NA | 163,339 | 162,558 | 176,049 | 222,660 |
| Defense Logistics Agency | NA | NA | 27,150 | 50,424 | 58,592 | 54,580 |
| Def Special Weapons Agcy | NA | NA | 335,715 | 321,178 | 977,647 | 341,166 |
| Def Threat Reduction Agcy | NA | NA | NA | NA | NA | NA |
| Joint Staff | NA | NA | 0 | 0 | 0 | 0 |
| Nat'l Imagery & Mapping Agcy | NA | NA | 310,065 | 349,780 | 3,481,675 | 258,789 |
| Special Operations Command | NA | NA | 0 | 0 | 0 | 0 |
| TRICARE Management Activity ² | NA | NA | NA | NA | NA | NA |
| Uniformed Services University of the Health Sciences | NA | NA | 1,698 | 2,390 | 286,548 | 1,849 |
| Washington Headquarters Services | NA | NA | 358,364 | 812,762 | 1,188,868 | 1,095,660 |
| Dept of the Air Force, total | 12,263,731 | 14,133,099 | 14,101,015 | 14,774,514 | 15,390,465 | 14,888,064 |
| DT&E Support from Operations & Maintenance | 0 | NA | NA | NA | NA | NA |
| DT&E Support from Procurement Appropriations | 0 | NA | NA | NA | NA | NA |
| Housing for Military Personnel in R&D | 0 | NA | NA | NA | NA | NA |
| Military Construction | 42,630 | NA | NA | NA | NA | NA |
| Pay & Allowances of Military Personnel in R&D | 648,434 | NA | NA | NA | NA | NA |
| RDT&E Appropriation | 11,572,667 | NA | NA | NA | NA | NA |
| Special Foreign Currency Program | 0 | NA | NA | NA | NA | NA |
| Department of the Army, total | 4,230,031 | 4,278,481 | 5,009,654 | 4,899,550 | 5,241,260 | 5,797,064 |
| Department of the Army, Civil Functions | 33,045 | 33,627 | 30,445 | 33,225 | 37,378 | 34,674 |
| Department of the Army, Military Functions | 4,196,986 | 4,244,854 | 4,979,209 | 4,866,325 | 5,203,882 | 5,762,390 |
| Housing for Military Personnel in R&D | 0 | NA | NA | NA | NA | NA |
| Military Construction | 38,000 | NA | NA | NA | NA | NA |
| Pay & Allowances of Military Personnel in R&D | 209,000 | NA | NA | NA | NA | NA |
| RDT&E Appropriation | 3,949,876 | NA | NA | NA | NA | NA |
| Special Foreign Currency Program | 110 | NA | NA | NA | NA | NA |
| Support from Procurement Appropriations | 0 | NA | NA | NA | NA | NA |
| Department of the Navy, total | 8,304,859 | 9,939,805 | 9,422,130 | 9,081,919 | 9,559,516 | 9,453,527 |
| DT&E Support from Operations & Maintenance | 0 | NA | NA | NA | NA | NA |
| DT&E Support from Procurement Appropriations | 0 | NA | NA | NA | NA | NA |
| Housing for Military Personnel in R&D | 0 | NA | NA | NA | NA | NA |
| Military Construction | 46,690 | NA | NA | NA | NA | NA |
| Pay & Allowances of Military Personnel in R&D | 203,188 | NA | NA | NA | NA | NA |
| RDT&E Appropriation | 8,053,596 | NA | NA | NA | NA | NA |
| Special Foreign Currency Program | 1,385 | NA | NA | NA | NA | NA |
| Def Civil Preparedness Agcy | NA | NA | NA | NA | NA | NA |
| Health Affairs, Assistant Secretary of Defense for | NA | NA | NA | NA | NA | NA |
| Operational Test & Evaluation, Director | NA | 0 | 4,396 | 7,154 | 31,563 | 31,963 |
| Test & Evaluation, Deputy Under Secretary of Defense | 55,103 | 71,589 | 78,763 | 119,579 | 144,970 | 115,813 |

See explanatory information, if any, and SOURCE at end of table.

Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

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| Agency and subdivision | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|
| Department of Education | 95,694 | 125,272 | 138,344 | 142,883 | 155,662 | 150,656 |
| Department of Energy | 5,803,013 | 5,381,654 | 5,432,665 | 5,743,717 | 6,038,962 | 6,365,312 |
| Dept of Health, Education, & Welfare, total | NA | NA | NA | NA | NA | NA |
| Alcohol, Drug Abuse, & Mental Health Administration | NA | NA | NA | NA | NA | NA |
| Center for Disease Control | NA | NA | NA | NA | NA | NA |
| Environmental Health Service | NA | NA | NA | NA | NA | NA |
| Food & Drug Administration | NA | NA | NA | NA | NA | NA |
| Health Care Financing Admin | NA | NA | NA | NA | NA | NA |
| Health Resources Admin | NA | NA | NA | NA | NA | NA |
| Health Services Administration | NA | NA | NA | NA | NA | NA |
| Hlth Svcs & Mental Health Admin | NA | NA | NA | NA | NA | NA |
| National Inst of Education | NA | NA | NA | NA | NA | NA |
| National Institutes of Health | NA | NA | NA | NA | NA | NA |
| Off of Asst Sec for Education | NA | NA | NA | NA | NA | NA |
| Off of the Asst Sec for Health | NA | NA | NA | NA | NA | NA |
| Office of Child Development | NA | NA | NA | NA | NA | NA |
| Office of Education | NA | NA | NA | NA | NA | NA |
| Office of Human Dvlpmt Svcs | NA | NA | NA | NA | NA | NA |
| Office of International Health | NA | NA | NA | NA | NA | NA |
| Office of the Secretary | NA | NA | NA | NA | NA | NA |
| Social & Rehabilitation Svc | NA | NA | NA | NA | NA | NA |
| Social Security Administration | NA | NA | NA | NA | NA | NA |
| Department of Health & Human Services, total | 5,049,576 | 5,531,428 | 5,750,952 | 6,923,241 | 7,773,355 | 8,363,839 |
| Admin for Children & Families | NA | NA | NA | NA | NA | NA |
| Administration on Aging | NA | NA | NA | NA | NA | NA |
| Agency for Healthcare Research and Quality ³ | NA | NA | NA | NA | NA | 5,300 |
| Agency for Toxic Substances Disease & Registry ⁴ | NA | NA | NA | NA | NA | NA |
| Alcohol, Drug Abuse, & Mental Health Administration | 349,827 | 396,631 | 476,125 | 554,835 | 695,685 | 842,650 |
| Centers for Disease Control & Prevention | 47,624 | 52,688 | 66,180 | 88,722 | 117,785 | 95,600 |
| Food & Drug Administration | 96,200 | 89,100 | 85,600 | 91,300 | 96,000 | 95,000 |
| Health Care Financing Admin | 33,463 | 28,066 | 36,100 | 31,426 | 32,520 | 14,444 |
| Health Resources Admin | NA | NA | NA | NA | NA | NA |
| Health Resources & Svcs Admin | 15,976 | 13,020 | 9,248 | 10,032 | 10,483 | 11,856 |
| Health Services Administration | NA | NA | NA | NA | NA | NA |
| Human Development Services | 21,416 | 52,009 | 51,062 | 50,913 | 73,258 | 76,694 |
| National Institutes of Health ⁵ | 4,446,318 | 4,867,200 | 4,985,200 | 6,060,200 | 6,699,000 | 7,181,100 |
| Off of the Asst Sec for Health | 15,842 | 21,647 | 23,462 | 20,025 | 26,035 | 22,330 |
| Office of the Secretary, total | 9,610 | 6,067 | 8,200 | 4,738 | 7,795 | 4,966 |
| Office of the Asst Secretary, Planning & Evaluation | NA | NA | NA | NA | NA | NA |
| Off of Public Hlth & Science | NA | NA | NA | NA | NA | NA |
| Social Security Administration | 13,300 | 5,000 | 9,775 | 11,050 | 14,794 | 13,899 |
| Substance Abuse & Mental Health Services Administration ⁶ | NA | NA | NA | NA | NA | NA |

See explanatory information, if any, and SOURCE at end of table.

Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

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| Agency and subdivision | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
|--|---------|---------|---------|---------|---------|---------|
| Dept of Housing & Urban Dvlpmnt | 18,599 | 13,856 | 19,669 | 14,859 | 20,706 | 21,688 |
| Department of the Interior, total | 416,990 | 445,391 | 394,710 | 419,644 | 485,283 | 502,984 |
| Bonneville Power Admin | NA | NA | NA | NA | NA | NA |
| Bureau of Land Management | 4,400 | 3,400 | 3,600 | 3,700 | 3,000 | 2,800 |
| Bureau of Mines | 100,383 | 131,009 | 91,156 | 87,629 | 92,635 | 96,666 |
| Bureau of Reclamation | 10,479 | 12,000 | 10,623 | 4,400 | 4,164 | 5,804 |
| Federal Water Pollution Control Administration | NA | NA | NA | NA | NA | NA |
| Geological Survey | 230,807 | 226,490 | 211,190 | 238,622 | 300,908 | 301,318 |
| Heritage Conservation & Recreation Service | NA | NA | NA | NA | NA | NA |
| Minerals Management Service | 1,518 | 1,088 | 1,022 | 1,200 | 1,854 | 2,032 |
| National Biological Service | NA | NA | NA | NA | NA | NA |
| National Park Service | 15,000 | 17,300 | 18,500 | 19,379 | 19,422 | 20,087 |
| National Resources Library | NA | NA | NA | NA | NA | NA |
| Office of Coal Research | NA | NA | NA | NA | NA | NA |
| Office of the Secretary | 318 | 605 | 1,961 | 434 | 400 | 200 |
| Office of Surface Mining Reclamation & Enforcement | 1,985 | 2,299 | 958 | 980 | 700 | 777 |
| Office of Water Research & Technology, total | NA | NA | NA | NA | NA | NA |
| Office of Saline Water | NA | NA | NA | NA | NA | NA |
| Off of Water Resources Rsch | NA | NA | NA | NA | NA | NA |
| United States Fish & Wildlife Service, total | 52,100 | 51,200 | 55,700 | 63,300 | 62,200 | 73,300 |
| Bureau of Commercial Fisheries | NA | NA | NA | NA | NA | NA |
| Bureau of Sport Fisheries & Wildlife | NA | NA | NA | NA | NA | NA |
| Department of Justice, total | 32,697 | 32,122 | 39,010 | 48,057 | 35,991 | 38,219 |
| Bureau of Prisons | 1,500 | 2,950 | 6,889 | 6,019 | 3,828 | 3,200 |
| Drug Enforcement Admin | 1,600 | 2,500 | 2,200 | 2,500 | 2,700 | 2,377 |
| Fed Bureau of Investigation | 8,936 | 6,927 | 6,883 | 12,733 | 6,517 | 8,205 |
| Immigration & Naturalization Service | 400 | 400 | 400 | 5,227 | 400 | 400 |
| Office of Justice Programs | 20,061 | 19,163 | 22,438 | 21,578 | 22,546 | 24,037 |
| Office of Legal Policy | 200 | 182 | 200 | 0 | 0 | 0 |
| Department of Labor, total | 13,715 | 10,888 | 20,258 | 31,833 | 28,861 | 45,212 |
| Bureau of Apprenticeship & Training | NA | NA | NA | NA | NA | NA |
| Bureau of Employment Security | NA | NA | NA | NA | NA | NA |
| Bureau of Labor Statistics | 621 | 634 | 6,522 | 7,042 | 7,000 | 7,300 |
| Employment Standards Admin | 28 | 0 | 1,035 | 60 | 118 | 53 |
| Employment & Training Admin | 4,452 | 3,382 | 4,350 | 11,155 | 9,238 | 25,610 |
| Labor-Management Relations & Cooperative Programs | 282 | 152 | 250 | 351 | 303 | NA |
| Labor-Management Svcs Admin | NA | NA | NA | NA | NA | NA |
| Occupational Safety & Health Administration | 4,490 | 3,600 | 4,133 | 4,200 | 4,503 | 2,526 |
| Office of the Secretary | 2,575 | 2,147 | 2,715 | 6,109 | 6,057 | 7,148 |
| Pension & Welfare Benefits Administration | 1,067 | 873 | 953 | 2,616 | 1,342 | 2,110 |
| Pension Benefit Guaranty Corp | 200 | 100 | 300 | 300 | 300 | 465 |
| Wage & Hour Division | 0 | 0 | 0 | 0 | 0 | 0 |
| Post Office Department | NA | NA | NA | NA | NA | NA |

See explanatory information, if any, and SOURCE at end of table.

Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

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| Agency and subdivision | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
|--|---------|---------|---------|---------|---------|---------|
| Department of State, total | 1,482 | 1,464 | 2,962 | 4,159 | 4,714 | 4,692 |
| Agy for Internat'l Dvlpmt | NA | NA | NA | NA | NA | NA |
| Bureau of Intelligence & Rsch | 0 | 0 | 0 | 0 | 0 | 0 |
| Departmental Funds | 0 | 0 | 0 | 0 | 0 | 0 |
| Peace Corps | 0 | 0 | 0 | 0 | 0 | 0 |
| Dept of Transportation, total | 430,208 | 445,245 | 347,738 | 332,112 | 291,482 | 287,324 |
| Coast Guard | 18,958 | 16,667 | 17,807 | 14,884 | 18,086 | 21,427 |
| Federal Aviation Admin | 283,700 | 317,600 | 190,481 | 190,157 | 153,549 | 185,515 |
| Federal Highway Administration | 47,537 | 46,141 | 76,299 | 60,139 | 76,525 | 43,974 |
| Federal Motor Carrier Safety Administration ⁷ | NA | NA | NA | NA | NA | NA |
| Federal Railroad Admin | 16,166 | 15,378 | 10,868 | 10,559 | 7,019 | 7,037 |
| Federal Transit Administration | 18,570 | 8,828 | 9,400 | 1,359 | 2,004 | 2,273 |
| Infrastructure Investment | NA | NA | NA | NA | NA | NA |
| Maritime Administration | 10,174 | 14,100 | 7,237 | 2,595 | 0 | 900 |
| Materials Transportation Bureau | 0 | 0 | 0 | 0 | 0 | 0 |
| National Highway Traffic Safety Administration | 28,000 | 19,100 | 28,900 | 45,167 | 28,496 | 16,930 |
| Office of the Secretary | 4,703 | 5,181 | 4,694 | 5,227 | 4,203 | 6,887 |
| Rsch & Special Programs Admin | 2,400 | 2,250 | 2,052 | 2,025 | 1,600 | 2,381 |
| Department of the Treasury, total | 24,315 | 23,007 | 26,404 | 25,829 | 23,521 | 25,238 |
| Bureau of Alcohol, Tobacco, & Firearms | NA | NA | NA | NA | NA | NA |
| Bureau of Engraving & Printing | 4,997 | 4,224 | 4,549 | 1,955 | 1,672 | 2,083 |
| Financial Crimes Enforcement Network | 0 | 0 | 0 | 0 | 0 | 0 |
| Internal Revenue Service | 15,864 | 13,369 | 14,128 | 13,990 | 13,990 | 16,296 |
| Office of Thrift Supervision | NA | NA | NA | NA | NA | 0 |
| United States Customs Service | 2,270 | 4,900 | 7,095 | 9,293 | 6,938 | 6,300 |
| United States Mint | 554 | 22 | 90 | 215 | 300 | 56 |
| United States Secret Service | 630 | 492 | 542 | 376 | 621 | 503 |
| Department of Veterans Affairs | 222,724 | 185,146 | 198,823 | 201,930 | 186,400 | 219,000 |
| Other agencies: | | | | | | |
| ACTION | 0 | 0 | 0 | 0 | 0 | 0 |
| Advisory Commission on Intergovernmental Relations | 1,982 | 1,959 | 1,620 | 1,386 | 1,248 | 1,198 |
| Appalachian Regional Commission | 200 | 167 | 125 | 200 | 767 | 401 |
| Atomic Energy Commission | NA | NA | NA | NA | NA | NA |
| Broadcasting Board of Governors ⁸ | NA | NA | NA | NA | NA | NA |
| Civil Aeronautics Board | NA | NA | NA | NA | NA | NA |
| Civil Service Commission | NA | NA | NA | NA | NA | NA |
| Community Services Admin | NA | NA | NA | NA | NA | NA |
| Consumer Product Safety Comm | 2,188 | 2,022 | 2,132 | 1,223 | 1,293 | 1,166 |
| Energy Research & Dvlpmt Admin | NA | NA | NA | NA | NA | NA |
| Energy Security Trust Fund | NA | NA | NA | NA | NA | NA |
| Environmental Protection Agency ⁴ | 274,800 | 306,900 | 325,900 | 340,000 | 343,200 | 388,500 |
| Fed Communications Commission | 1,113 | 901 | 985 | 1,224 | 1,101 | 1,329 |
| Federal Emergency Management Agency, total | 4,600 | 0 | 0 | 0 | 0 | 0 |
| Def Civil Preparedness Agcy | 0 | 0 | 0 | 0 | 0 | 0 |
| National Fire Prevention & Control Administration | 0 | 0 | 0 | 0 | 0 | 0 |
| Federal Energy Administration | NA | NA | NA | NA | NA | NA |
| Federal Trade Commission | 1,734 | 1,827 | 520 | 428 | 379 | 459 |
| Foundation for Ed Assistance | NA | NA | NA | NA | NA | NA |
| General Services Administration | 405 | 1,882 | 1,568 | 2,301 | 540 | 665 |

See explanatory information, if any, and SOURCE at end of table.

Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

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| Agency and subdivision | 1985 | 1986 | 1987 | 1988 | 1989 | 1990 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|
| International Development | | | | | | |
| Cooperation Agency, total | 233,028 | 255,460 | 263,169 | 229,114 | 279,121 | 334,000 |
| Agcy for Internat'l Dvlpmt | 233,028 | 255,460 | 263,169 | 229,114 | 279,121 | 334,000 |
| Institute for Scientific & Technological Cooperation | 0 | 0 | 0 | 0 | 0 | 0 |
| Interstate Commerce Commission | 0 | 0 | 0 | 0 | 0 | 0 |
| Library of Congress | 6,317 | 6,914 | 6,514 | 7,083 | 7,969 | 8,412 |
| Nat'l Aeronautics & Space Admin ⁹ | 3,217,100 | 3,730,600 | 3,564,300 | 4,230,405 | 5,506,085 | 6,762,200 |
| Nat'l Archives & Records Admin | 508 | 968 | 1,120 | 657 | 265 | 365 |
| National Science Foundation | 1,250,000 | 1,468,081 | 1,459,903 | 1,550,700 | 1,613,400 | 1,563,000 |
| Nuclear Regulatory Commission | 161,083 | 135,990 | 124,370 | 113,492 | 113,233 | 111,505 |
| Office of Economic Opportunity | NA | NA | NA | NA | NA | NA |
| Office of Emergency Preparedness | NA | NA | NA | NA | NA | NA |
| Office of Personnel Management | 0 | 0 | 0 | 0 | 0 | 0 |
| Office of Science & Technology | NA | NA | NA | NA | NA | NA |
| Off of Telecommunications Policy | NA | NA | NA | NA | NA | NA |
| Office of Thrift Supervision | 2,790 | 3,281 | 3,364 | 3,409 | 4,051 | 4,126 |
| Postal Service | 0 | 0 | 0 | 0 | 0 | 0 |
| Small Business Administration | 0 | 0 | 0 | 0 | 0 | 0 |
| Smithsonian Institution | 59,777 | 63,959 | 71,494 | 74,757 | 82,636 | 95,427 |
| Social Security Administration | NA | NA | NA | NA | NA | NA |
| Special Action Office for Drug Abuse Prevention | NA | NA | NA | NA | NA | NA |
| Tennessee Valley Authority | 81,015 | 79,479 | 76,901 | 86,900 | 61,748 | 66,663 |
| United States Arms Control & Disarmament Agency ¹⁰ | 1,062 | 945 | 4,577 | 3,381 | 2,783 | 218 |
| United States Commission on Civil Rights | 0 | 0 | 0 | 0 | 0 | 0 |
| United States Information Agency ¹¹ | 1,097 | 2,388 | 9,952 | 1,469 | 954 | 0 |
| United States International Trade Commission ¹² | 5,756 | 6,916 | 7,213 | 8,077 | 8,671 | 9,065 |

See explanatory information, if any, and SOURCE at end of table.

Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

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| Agency and subdivision | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 |
|--|------------|------------|------------|------------|------------|------------|
| Total, all agencies | 63,676,417 | 65,718,987 | 68,385,773 | 68,328,346 | 68,694,423 | 68,007,632 |
| Departments: | | | | | | |
| Department of Agriculture, total | 1,269,419 | 1,382,795 | 1,453,429 | 1,486,934 | 1,504,252 | 1,438,284 |
| Agricultural Cooperative Svc | 2,814 | 3,444 | 2,902 | 3,734 | NA | NA |
| Agricultural Marketing Service | 3,664 | 4,278 | 4,717 | 4,649 | 5,000 | 4,542 |
| Agricultural Research Service | 622,902 | 686,469 | 732,616 | 735,270 | 758,368 | 739,911 |
| Agricultural Stabilization & Conservation Service | 0 | 0 | 0 | 0 | NA | NA |
| Animal & Plant Health | | | | | | |
| Inspection Service | 15,736 | 16,717 | 17,122 | 19,177 | 19,117 | 19,535 |
| Cooperative State Research, Ed, & Extension Service | 395,600 | 415,082 | 433,243 | 456,868 | 463,859 | 434,885 |
| Economic Research Service | 53,006 | 57,463 | 61,469 | 57,317 | 51,960 | 50,119 |
| Economics, Statistics, & Cooperative Svc, total | NA | NA | NA | NA | NA | NA |
| Economic Research Service | NA | NA | NA | NA | NA | NA |
| Farmer Cooperative Service | NA | NA | NA | NA | NA | NA |
| Statistical Reporting Svc | NA | NA | NA | NA | NA | NA |
| Economics & Statistics Service | NA | NA | NA | NA | NA | NA |
| Food Safety Inspection Service | 0 | 0 | 0 | 0 | 0 | 15 |
| Foreign Agricultural Service | 0 | 0 | 0 | 1,087 | 922 | 1,290 |
| Forest Service | 159,800 | 181,974 | 185,800 | 195,700 | 197,825 | 180,400 |
| Grain Inspection Packers & Stockyards Administration | 725 | 1,832 | 1,773 | 1,791 | 1,484 | 2,537 |
| Human Nutrition Info Svc | 8,926 | 9,683 | 7,310 | 5,300 | NA | NA |
| Nat'l Agri Statistics Svc | 3,172 | 3,470 | 3,882 | 3,629 | 4,156 | 3,650 |
| Natural Resources Conservation Service | 0 | 0 | 0 | 0 | 0 | 0 |
| Office of International Cooperation & Development | 3,074 | 2,383 | 2,595 | 0 | NA | NA |
| Office of Transportation | NA | NA | NA | NA | NA | NA |
| Rural Business-Cooperative Svc | NA | NA | NA | 2,412 | 1,561 | 1,400 |
| Rural Development Service | NA | NA | NA | NA | NA | NA |
| Science & Ed Admin, total | NA | NA | NA | NA | NA | NA |
| Agricultural Research Svc | NA | NA | NA | NA | NA | NA |
| Cooperative State Rsch Svc | NA | NA | NA | NA | NA | NA |
| Nat'l Agricultural Library | NA | NA | NA | NA | NA | NA |
| Department of Commerce, total | 500,668 | 643,359 | 652,047 | 810,309 | 886,423 | 945,051 |
| Bureau of the Census | 6,644 | 5,485 | 5,025 | 5,361 | 5,091 | 6,558 |
| Economic Development Admin | 1,000 | 1,096 | 700 | 308 | 967 | 591 |
| Env Science Svcs Admin | NA | NA | NA | NA | NA | NA |
| Maritime Administration | NA | NA | NA | NA | NA | NA |
| Minority Business Dvlpmt Agcy | 0 | 0 | 0 | 0 | 0 | 0 |
| National Fire Prevention & Control Administration | NA | NA | NA | NA | NA | NA |
| Nat'l Inst of Standards & Tech | 144,121 | 160,552 | 189,758 | 237,843 | 350,373 | 404,895 |
| National Oceanic & Atmospheric Administration | 345,327 | 472,240 | 452,374 | 562,897 | 523,606 | 528,510 |
| Nat'l Technical Information Svc | 0 | 0 | 0 | 0 | 0 | 0 |
| National Telecommunications & Information Administration | 3,575 | 3,961 | 4,167 | 3,869 | 6,383 | 4,497 |
| Office of Productivity, Technology, & Innovation | NA | NA | NA | NA | NA | NA |
| Office of the Secretary | 1 | 25 | 23 | 31 | 3 | 0 |
| Office of Telecommunications | NA | NA | NA | NA | NA | NA |
| Patent & Trademark Office | 0 | 0 | 0 | 0 | 0 | 0 |
| United States Travel & Tourism Administration | 0 | 0 | 0 | 0 | 0 | 0 |

See explanatory information, if any, and SOURCE at end of table.

Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

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| Agency and subdivision | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 |
|---|------------|------------|------------|------------|------------|------------|
| Department of Defense, total | 33,447,248 | 34,631,692 | 34,525,918 | 35,179,179 | 34,001,923 | 35,501,649 |
| Defense Agencies, total | 6,685,293 | 7,450,286 | 6,689,677 | 8,125,250 | 7,112,120 | 7,198,669 |
| Ballistic Missile Def Org | 2,899,000 | 3,336,300 | 3,475,600 | 3,228,962 | 2,423,560 | 2,810,440 |
| Chemical and Biological | | | | | | |
| Defense ¹ | NA | NA | NA | NA | NA | NA |
| Def Adv Rsch Projects Agcy | 1,373,500 | 1,427,500 | 1,726,773 | 2,917,968 | 2,391,373 | 2,342,695 |
| Defense Info Systems Agcy | 161,653 | 153,519 | 93,284 | 90,290 | 72,016 | 70,577 |
| Defense Logistics Agency | 9,264 | 21,856 | 15,105 | 29,603 | 27,573 | 24,422 |
| Def Special Weapons Agcy | 351,748 | 423,234 | 458,837 | 418,345 | 320,371 | 258,297 |
| Def Threat Reduction Agcy | NA | NA | NA | NA | NA | NA |
| Joint Staff | 8,139 | 53,134 | 12,983 | 10,000 | 4,154 | 5,526 |
| Nat'l Imagery & Mapping Agcy | 229,700 | 236,000 | 41,500 | 45,679 | 36,231 | 0 |
| Special Operations Command | | | | | | |
| TRICARE Management Activity ² .. | 34,762 | 80,454 | 205,117 | 224,859 | 219,918 | 245,176 |
| Uniformed Services University | | | | | | |
| of the Health Sciences | 2,123 | 2,425 | 2,485 | 1,673 | NA | NA |
| Washington Headquarters | | | | | | |
| Services | 1,615,404 | 1,715,864 | 657,993 | 1,157,871 | 1,616,924 | 1,441,536 |
| Dept of the Air Force, total | 13,043,766 | 12,532,300 | 12,287,900 | 12,799,168 | 12,051,789 | 13,474,422 |
| DT&E Support from Operations | | | | | | |
| & Maintenance | NA | NA | NA | NA | NA | NA |
| DT&E Support from Procurement | | | | | | |
| Appropriations | NA | NA | NA | NA | NA | NA |
| Housing for Military | | | | | | |
| Personnel in R&D | NA | NA | NA | NA | NA | NA |
| Military Construction | NA | NA | NA | NA | NA | NA |
| Pay & Allowances of Military | | | | | | |
| Personnel in R&D | NA | NA | NA | NA | NA | NA |
| RDT&E Appropriation | NA | NA | NA | NA | NA | NA |
| Special Foreign Currency | | | | | | |
| Program | NA | NA | NA | NA | NA | NA |
| Department of the Army, total | 5,724,507 | 6,295,232 | 6,125,342 | 5,797,787 | 5,137,257 | 4,954,367 |
| Department of the Army, Civil | | | | | | |
| Functions | 42,507 | 56,232 | 49,646 | 51,645 | 56,257 | 29,367 |
| Department of the Army, | | | | | | |
| Military Functions | 5,682,000 | 6,239,000 | 6,075,696 | 5,746,142 | 5,081,000 | 4,925,000 |
| Housing for Military | | | | | | |
| Personnel in R&D | NA | NA | NA | NA | NA | NA |
| Military Construction | NA | NA | NA | NA | NA | NA |
| Pay & Allowances of Military | | | | | | |
| Personnel in R&D | NA | NA | NA | NA | NA | NA |
| RDT&E Appropriation | NA | NA | NA | NA | NA | NA |
| Special Foreign Currency | | | | | | |
| Program | NA | NA | NA | NA | NA | NA |
| Support from Procurement | | | | | | |
| Appropriations | NA | NA | NA | NA | NA | NA |
| Department of the Navy, total | 7,902,000 | 8,115,000 | 9,187,455 | 8,213,337 | 9,454,063 | 9,605,028 |
| DT&E Support from Operations | | | | | | |
| & Maintenance | NA | NA | NA | NA | NA | NA |
| DT&E Support from Procurement | | | | | | |
| Appropriations | NA | NA | NA | NA | NA | NA |
| Housing for Military | | | | | | |
| Personnel in R&D | NA | NA | NA | NA | NA | NA |
| Military Construction | NA | NA | NA | NA | NA | NA |
| Pay & Allowances of Military | | | | | | |
| Personnel in R&D | NA | NA | NA | NA | NA | NA |
| RDT&E Appropriation | NA | NA | NA | NA | NA | NA |
| Special Foreign Currency | | | | | | |
| Program | NA | NA | NA | NA | NA | NA |
| Def Civil Preparedness Agcy | NA | NA | NA | NA | NA | NA |
| Health Affairs, Assistant | | | | | | |
| Secretary of Defense for | 0 | NA | NA | NA | NA | NA |
| Operational Test & Evaluation, | | | | | | |
| Director | 22,300 | 9,429 | 12,333 | 11,880 | 12,352 | 22,081 |
| Test & Evaluation, Deputy Under | | | | | | |
| Secretary of Defense | 69,382 | 229,445 | 223,211 | 231,757 | 234,342 | 247,082 |

See explanatory information, if any, and SOURCE at end of table.

Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

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| Agency and subdivision | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 |
|--|-----------|-----------|------------|------------|------------|------------|
| Department of Education | 117,172 | 135,484 | 186,654 | 179,153 | 180,568 | 172,029 |
| Department of Energy | 6,827,068 | 7,232,663 | 7,668,283 | 6,896,516 | 7,016,295 | 6,656,084 |
| Dept of Health, Education, & Welfare, total | NA | NA | NA | NA | NA | NA |
| Alcohol, Drug Abuse, & Mental Health Administration | NA | NA | NA | NA | NA | NA |
| Center for Disease Control | NA | NA | NA | NA | NA | NA |
| Environmental Health Service | NA | NA | NA | NA | NA | NA |
| Food & Drug Administration | NA | NA | NA | NA | NA | NA |
| Health Care Financing Admin | NA | NA | NA | NA | NA | NA |
| Health Resources Admin | NA | NA | NA | NA | NA | NA |
| Health Services Administration | NA | NA | NA | NA | NA | NA |
| Hlth Svcs & Mental Health Admin | NA | NA | NA | NA | NA | NA |
| National Inst of Education | NA | NA | NA | NA | NA | NA |
| National Institutes of Health | NA | NA | NA | NA | NA | NA |
| Off of Asst Sec for Education | NA | NA | NA | NA | NA | NA |
| Off of the Asst Sec for Health | NA | NA | NA | NA | NA | NA |
| Office of Child Development | NA | NA | NA | NA | NA | NA |
| Office of Education | NA | NA | NA | NA | NA | NA |
| Office of Human Dvlpmt Svcs | NA | NA | NA | NA | NA | NA |
| Office of International Health | NA | NA | NA | NA | NA | NA |
| Office of the Secretary | NA | NA | NA | NA | NA | NA |
| Social & Rehabilitation Svc | NA | NA | NA | NA | NA | NA |
| Social Security Administration | NA | NA | NA | NA | NA | NA |
| Department of Health & Human Services, total | 9,822,124 | 9,091,539 | 10,475,215 | 10,352,478 | 11,245,205 | 10,418,957 |
| Admin for Children & Families | 110,200 | 35,106 | 19,276 | 11,316 | 12,000 | 11,853 |
| Administration on Aging | 20,564 | 20,235 | 20,890 | 19,121 | 20,679 | 2,850 |
| Agency for Healthcare Research and Quality ³ | 11,900 | 113,476 | 87,571 | 110,980 | 133,000 | 80,000 |
| Agency for Toxic Substances Disease & Registry ⁴ | NA | NA | NA | NA | NA | NA |
| Alcohol, Drug Abuse, & Mental Health Administration | 1,460,598 | NA | NA | NA | NA | NA |
| Centers for Disease Control & Prevention | 113,372 | 146,900 | 162,511 | 206,800 | 317,385 | 296,672 |
| Food & Drug Administration | 143,455 | 150,009 | 174,200 | 160,513 | 147,948 | 138,773 |
| Health Care Financing Admin | 21,670 | 63,900 | 69,496 | 72,309 | 72,926 | 75,394 |
| Health Resources Admin | NA | NA | NA | NA | NA | NA |
| Health Resources & Svcs Admin | 11,040 | 10,450 | 11,002 | 17,805 | 14,402 | 11,863 |
| Health Services Administration | NA | NA | NA | NA | NA | NA |
| Human Development Services | NA | NA | NA | NA | NA | NA |
| National Institutes of Health ⁵ | 7,890,400 | 8,491,354 | 9,893,293 | 9,725,736 | 10,511,537 | 9,779,813 |
| Off of the Asst Sec for Health | 18,220 | 21,732 | 15,827 | 671 | 552 | NA |
| Office of the Secretary, total | 8,811 | 4,977 | 5,249 | 5,000 | 3,526 | 5,021 |
| Office of the Asst Secretary, Planning & Evaluation | NA | NA | NA | NA | NA | 3,000 |
| Off of Public Hlth & Science | NA | NA | NA | NA | NA | 2,021 |
| Social Security Administration | 11,894 | 33,400 | 15,900 | 22,227 | 11,250 | NA |
| Substance Abuse & Mental Health Services Administration ⁶ | NA | NA | NA | NA | NA | 16,718 |

See explanatory information, if any, and SOURCE at end of table.

Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

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| Agency and subdivision | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 |
|--|---------|---------|---------|---------|---------|---------|
| Dept of Housing & Urban Dvlpmnt | 18,102 | 23,524 | 28,407 | 28,506 | 37,958 | 36,208 |
| Department of the Interior, total | 556,248 | 628,422 | 651,833 | 644,920 | 558,824 | 547,158 |
| Bonneville Power Admin | NA | NA | NA | NA | NA | NA |
| Bureau of Land Management | 8,770 | 6,300 | 8,925 | 0 | 0 | 0 |
| Bureau of Mines | 97,736 | 113,949 | 111,814 | 107,876 | 0 | NA |
| Bureau of Reclamation | 8,700 | 12,200 | 9,600 | 7,393 | 7,990 | 6,531 |
| Federal Water Pollution Control Administration | NA | NA | NA | NA | NA | NA |
| Geological Survey | 319,531 | 370,313 | 385,179 | 375,465 | 359,313 | 498,641 |
| Heritage Conservation & Recreation Service | NA | NA | NA | NA | NA | NA |
| Minerals Management Service | 2,696 | 4,108 | 6,095 | 19,491 | 20,755 | 21,740 |
| National Biological Service | NA | NA | 0 | 110,333 | 151,000 | NA |
| National Park Service | 27,474 | 31,098 | 38,145 | 24,244 | 19,722 | 20,246 |
| National Resources Library | NA | NA | NA | NA | NA | NA |
| Office of Coal Research | NA | NA | NA | NA | NA | NA |
| Office of the Secretary | 600 | 900 | 375 | 118 | 44 | 0 |
| Office of Surface Mining Reclamation & Enforcement | 1,041 | 254 | 400 | 0 | 0 | 0 |
| Office of Water Research & Technology, total | NA | NA | NA | NA | NA | NA |
| Office of Saline Water | NA | NA | NA | NA | NA | NA |
| Off of Water Resources Rsch | NA | NA | NA | NA | NA | NA |
| United States Fish & Wildlife Service, total | 89,700 | 89,300 | 91,300 | 0 | 0 | 0 |
| Bureau of Commercial Fisheries | NA | NA | NA | NA | NA | NA |
| Bureau of Sport Fisheries & Wildlife | NA | NA | NA | NA | NA | NA |
| Department of Justice, total | 40,412 | 42,853 | 46,167 | 41,981 | 48,974 | 72,696 |
| Bureau of Prisons | 5,700 | 5,900 | 6,100 | 5,350 | 5,724 | 5,248 |
| Drug Enforcement Admin | 2,800 | 1,500 | 1,142 | 1,668 | 400 | 1,200 |
| Fed Bureau of Investigation | 10,810 | 10,925 | 11,309 | 6,985 | 10,937 | 33,458 |
| Immigration & Naturalization Service | 400 | 400 | 400 | 400 | 400 | 211 |
| Office of Justice Programs | 20,702 | 24,128 | 27,216 | 27,578 | 31,513 | 32,579 |
| Office of Legal Policy | 0 | 0 | 0 | 0 | 0 | 0 |
| Department of Labor, total | 45,597 | 70,805 | 57,806 | 60,735 | 51,726 | 50,053 |
| Bureau of Apprenticeship & Training | NA | NA | NA | NA | NA | NA |
| Bureau of Employment Security | NA | NA | NA | NA | NA | NA |
| Bureau of Labor Statistics | 7,500 | 7,600 | 6,900 | 7,100 | 13,100 | 13,300 |
| Employment Standards Admin | 0 | 0 | 0 | 0 | 0 | 0 |
| Employment & Training Admin | 23,695 | 50,975 | 39,170 | 41,829 | 23,123 | 24,618 |
| Labor-Management Relations & Cooperative Programs | NA | NA | NA | NA | NA | NA |
| Labor-Management Svcs Admin | NA | NA | NA | NA | NA | NA |
| Occupational Safety & Health Administration | 2,603 | 3,094 | 2,458 | 3,245 | 4,294 | 6,575 |
| Office of the Secretary | 8,734 | 5,674 | 5,363 | 5,166 | 6,198 | 2,594 |
| Pension & Welfare Benefits Administration | 2,540 | 2,550 | 2,610 | 2,690 | 3,598 | 2,331 |
| Pension Benefit Guaranty Corp | 525 | 912 | 1,305 | 705 | 1,413 | 635 |
| Wage & Hour Division | 0 | 0 | 0 | 0 | 0 | 0 |
| Post Office Department | NA | NA | NA | NA | NA | NA |

See explanatory information, if any, and SOURCE at end of table.

Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

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| Agency and subdivision | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 |
|--|---------|---------|---------|---------|---------|---------|
| Department of State, total | 5,854 | 5,554 | 5,285 | 389 | 500 | 976 |
| Agy for Internat'l Dvlpmt | NA | NA | NA | NA | NA | NA |
| Bureau of Intelligence & Rsch | 0 | 0 | 0 | 0 | 0 | 0 |
| Departmental Funds | 0 | 0 | 0 | 0 | 0 | 0 |
| Peace Corps | 0 | 0 | 0 | 0 | 0 | 0 |
| Dept of Transportation, total | 361,023 | 411,116 | 455,270 | 536,901 | 661,405 | 593,010 |
| Coast Guard | 14,852 | 22,757 | 32,233 | 26,053 | 21,140 | 23,370 |
| Federal Aviation Admin | 216,047 | 250,724 | 260,062 | 258,936 | 270,833 | 265,832 |
| Federal Highway Administration | 86,115 | 81,221 | 87,513 | 178,525 | 260,564 | 236,482 |
| Federal Motor Carrier Safety Administration ⁷ | NA | NA | NA | NA | NA | NA |
| Federal Railroad Admin | 14,339 | 21,470 | 22,821 | 19,616 | 22,790 | 20,036 |
| Federal Transit Administration | 2,073 | 1,473 | 16,493 | 18,491 | 33,409 | 22,438 |
| Infrastructure Investment | NA | NA | NA | 0 | NA | NA |
| Maritime Administration | 1,456 | 1,660 | 1,741 | 1,744 | 2,344 | 0 |
| Materials Transportation Bureau | 0 | 0 | 0 | 0 | 0 | 0 |
| National Highway Traffic Safety Administration | 19,231 | 24,482 | 28,277 | 26,864 | 41,400 | 15,036 |
| Office of the Secretary | 4,684 | 5,042 | 4,424 | 2,543 | 4,049 | 2,808 |
| Rsch & Special Programs Admin | 2,226 | 2,287 | 1,706 | 4,129 | 4,876 | 7,008 |
| Department of the Treasury, total | 30,387 | 24,505 | 16,616 | 20,719 | 61,517 | 60,192 |
| Bureau of Alcohol, Tobacco, & Firearms | NA | NA | NA | NA | NA | NA |
| Bureau of Engraving & Printing | 3,547 | 1,990 | 3,235 | 3,420 | 1,800 | 1,670 |
| Financial Crimes Enforcement Network | 1,822 | 1,481 | 1,456 | 0 | 0 | 0 |
| Internal Revenue Service | 17,342 | 17,342 | 6,497 | 11,315 | 49,698 | 51,200 |
| Office of Thrift Supervision | 2,990 | 815 | 738 | 481 | 550 | 537 |
| United States Customs Service | 3,784 | 2,323 | 4,100 | 4,600 | 8,580 | 6,300 |
| United States Mint | 471 | 0 | 13 | 415 | 312 | 0 |
| United States Secret Service | 431 | 554 | 577 | 488 | 577 | 485 |
| Department of Veterans Affairs | 221,600 | 207,600 | 250,800 | 246,032 | 258,302 | 240,591 |
| Other agencies: | | | | | | |
| ACTION | 0 | 0 | 0 | 0 | 0 | 0 |
| Advisory Commission on Intergovernmental Relations | 1,239 | 1,518 | 2,098 | 1,355 | 1,413 | NA |
| Appalachian Regional Commission | 742 | 1,900 | 900 | 900 | 900 | 900 |
| Atomic Energy Commission | NA | NA | NA | NA | NA | NA |
| Broadcasting Board of Governors ⁸ | NA | NA | NA | NA | NA | NA |
| Civil Aeronautics Board | NA | NA | NA | NA | NA | NA |
| Civil Service Commission | NA | NA | NA | NA | NA | NA |
| Community Services Admin | NA | NA | NA | NA | NA | NA |
| Consumer Product Safety Comm | 1,288 | 1,154 | 1,183 | 447 | 363 | 82 |
| Energy Research & Dvlpmt Admin | NA | NA | NA | NA | NA | NA |
| Energy Security Trust Fund | NA | NA | NA | NA | NA | NA |
| Environmental Protection Agency ⁴ | 400,100 | 411,900 | 497,737 | 558,262 | 495,479 | 476,292 |
| Fed Communications Commission | 1,442 | 1,648 | 1,625 | 1,683 | 2,268 | 2,801 |
| Federal Emergency Management Agency, total | 0 | 0 | 0 | 0 | 0 | 0 |
| Def Civil Preparedness Agcy | 0 | 0 | 0 | 0 | 0 | 0 |
| National Fire Prevention & Control Administration | 0 | 0 | 0 | 0 | 0 | 0 |
| Federal Energy Administration | NA | NA | NA | NA | NA | NA |
| Federal Trade Commission | 957 | 1,285 | 877 | 705 | 564 | 505 |
| Foundation for Ed Assistance | NA | NA | NA | NA | NA | NA |
| General Services Administration | 3,574 | 20,937 | 7,595 | 5,515 | 1,310 | 4,101 |

See explanatory information, if any, and SOURCE at end of table.

Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

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| Agency and subdivision | 1991 | 1992 | 1993 | 1994 | 1995 | 1996 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|
| International Development | | | | | | |
| Cooperation Agency, total | 344,034 | 205,918 | 321,655 | 372,615 | 256,760 | 251,000 |
| Agcy for Internat'l Dvlpmt | 344,034 | 205,918 | 321,655 | 372,615 | 256,760 | 251,000 |
| Institute for Scientific & Technological Cooperation | 0 | 0 | 0 | 0 | 0 | 0 |
| Interstate Commerce Commission | 0 | 0 | 0 | 0 | 0 | 0 |
| Library of Congress | 8,566 | 9,966 | 10,733 | 12,509 | 7,720 | 10,994 |
| Nat'l Aeronautics & Space Admin ⁹ | 7,674,997 | 8,386,634 | 8,885,422 | 8,576,797 | 9,116,162 | 8,094,000 |
| Nat'l Archives & Records Admin | 691 | 685 | 320 | 280 | 120 | 120 |
| National Science Foundation | 1,687,100 | 1,813,600 | 1,841,736 | 1,983,632 | 1,977,000 | 2,212,000 |
| Nuclear Regulatory Commission | 107,467 | 116,487 | 119,598 | 92,374 | 88,835 | 75,237 |
| Office of Economic Opportunity | NA | NA | NA | NA | NA | NA |
| Office of Emergency Preparedness | NA | NA | NA | NA | NA | NA |
| Office of Personnel Management | 0 | 0 | 0 | 0 | 0 | 0 |
| Office of Science & Technology | NA | NA | NA | NA | NA | NA |
| Off of Telecommunications Policy | NA | NA | NA | NA | NA | NA |
| Office of Thrift Supervision | NA | NA | NA | NA | NA | NA |
| Postal Service | 0 | 0 | 0 | 0 | 0 | 0 |
| Small Business Administration | 0 | 0 | 0 | 0 | 0 | 0 |
| Smithsonian Institution | 98,467 | 95,403 | 97,200 | 127,419 | 125,000 | 125,000 |
| Social Security Administration | NA | NA | NA | NA | NA | 11,528 |
| Special Action Office for Drug Abuse Prevention | NA | NA | NA | NA | NA | NA |
| Tennessee Valley Authority | 72,339 | 103,476 | 109,566 | 97,855 | 93,070 | 6,143 |
| United States Arms Control & Disarmament Agency ¹⁰ | 390 | 2,058 | 1,493 | 1,323 | 1,146 | 654 |
| United States Commission on Civil Rights | 0 | 0 | 0 | 0 | 0 | 0 |
| United States Information Agency ¹¹ | 217 | 227 | 153 | 559 | 289 | 149 |
| United States International Trade Commission ¹² | 9,885 | 12,280 | 12,152 | 9,364 | 12,152 | 3,188 |

See explanatory information, if any, and SOURCE at end of table.

Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

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| Agency and subdivision | 1997 | 1998 | 1999 | 2000 | Preliminary | |
|--|------------|------------|------------|------------|-------------|------------|
| | | | | | 2001 | 2002 |
| Total, all agencies | 70,892,663 | 72,466,121 | 72,613,897 | 74,076,999 | 80,159,386 | 82,814,356 |
| Departments: | | | | | | |
| Department of Agriculture, total | 1,464,443 | 1,538,611 | 1,612,809 | 1,659,578 | 1,792,851 | 1,854,930 |
| Agricultural Cooperative Svc | NA | NA | NA | NA | NA | NA |
| Agricultural Marketing Service | 4,482 | 4,208 | 4,435 | 4,839 | 5,164 | 5,164 |
| Agricultural Research Service | 770,382 | 782,101 | 847,408 | 886,807 | 984,989 | 985,798 |
| Agricultural Stabilization & Conservation Service | NA | NA | NA | NA | NA | NA |
| Animal & Plant Health | | | | | | |
| Inspection Service | 19,849 | 20,462 | 20,426 | 20,570 | 22,041 | 23,389 |
| Cooperative State Research, Ed, & Extension Service | 435,838 | 474,206 | 464,803 | 425,362 | 449,529 | 482,861 |
| Economic Research Service | 42,410 | 54,974 | 57,803 | 63,873 | 57,526 | 57,792 |
| Economics, Statistics, & Cooperative Svc, total | NA | NA | NA | NA | NA | NA |
| Economic Research Service | NA | NA | NA | NA | NA | NA |
| Farmer Cooperative Service | NA | NA | NA | NA | NA | NA |
| Statistical Reporting Svc | NA | NA | NA | NA | NA | NA |
| Economics & Statistics Service | NA | NA | NA | NA | NA | NA |
| Food Safety Inspection Service | 15 | 190 | 664 | 2,332 | 0 | 0 |
| Foreign Agricultural Service | 1,422 | 1,422 | 1,422 | 1,422 | 1,422 | 1,422 |
| Forest Service | 181,800 | 190,600 | 206,000 | 244,000 | 259,000 | 283,000 |
| Grain Inspection Packers & Stockyards Administration | 2,752 | 2,745 | 2,714 | 3,620 | 5,484 | 6,017 |
| Human Nutrition Info Svc | NA | NA | NA | NA | NA | NA |
| Nat'l Agri Statistics Svc | 3,025 | 3,267 | 3,634 | 3,643 | 3,796 | 3,887 |
| Natural Resources Conservation Service | 0 | 0 | 0 | 0 | 0 | 0 |
| Office of International Cooperation & Development | NA | NA | NA | NA | NA | NA |
| Office of Transportation | NA | NA | NA | NA | NA | NA |
| Rural Business-Cooperative Svc | 2,468 | 4,436 | 3,500 | 3,110 | 3,900 | 5,600 |
| Rural Development Service | NA | NA | NA | NA | NA | NA |
| Science & Ed Admin, total | NA | NA | NA | NA | NA | NA |
| Agricultural Research Svc | NA | NA | NA | NA | NA | NA |
| Cooperative State Rsch Svc | NA | NA | NA | NA | NA | NA |
| Nat'l Agricultural Library | NA | NA | NA | NA | NA | NA |
| Department of Commerce, total | 1,037,631 | 1,036,587 | 1,036,084 | 1,086,266 | 1,208,961 | 1,284,500 |
| Bureau of the Census | 5,120 | 8,562 | 12,000 | 32,000 | 2,000 | 2,000 |
| Economic Development Admin | 550 | 557 | 550 | 576 | 550 | 550 |
| Env Science Svcs Admin | NA | NA | NA | NA | NA | NA |
| Maritime Administration | NA | NA | NA | NA | NA | NA |
| Minority Business Dvlpmt Agcy | 0 | 0 | 0 | 0 | 0 | 0 |
| National Fire Prevention & Control Administration | NA | NA | NA | NA | NA | NA |
| Nat'l Inst of Standards & Tech | 473,309 | 482,277 | 455,975 | 433,551 | 471,256 | 493,876 |
| National Oceanic & Atmospheric Administration | 530,858 | 519,643 | 547,222 | 597,139 | 701,155 | 748,074 |
| Nat'l Technical Information Svc | 0 | 0 | 0 | 0 | 0 | 0 |
| National Telecommunications & Information Administration | 27,794 | 25,548 | 20,337 | 23,000 | 34,000 | 40,000 |
| Office of Productivity, Technology, & Innovation | NA | NA | NA | NA | NA | NA |
| Office of the Secretary | 0 | 0 | 0 | 0 | 0 | 0 |
| Office of Telecommunications | NA | NA | NA | NA | NA | NA |
| Patent & Trademark Office | 0 | 0 | 0 | 0 | 0 | 0 |
| United States Travel & Tourism Administration | 0 | 0 | 0 | 0 | 0 | 0 |

See explanatory information, if any, and SOURCE at end of table.

Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

| Agency and subdivision | 1997 | 1998 | 1999 | 2000 | Preliminary | |
|--|------------|------------|------------|------------|-------------|------------|
| | | | | | 2001 | 2002 |
| Department of Defense, total | 35,698,966 | 35,530,305 | 33,814,908 | 31,468,800 | 32,951,771 | 32,408,897 |
| Defense Agencies, total | 7,182,556 | 8,047,391 | 6,207,369 | 5,611,287 | 7,459,260 | 6,026,737 |
| Ballistic Missile Def Org | 3,243,082 | 3,422,344 | 3,204,952 | 2,363,991 | 3,459,024 | 2,519,941 |
| Chemical and Biological Defense ¹ | NA | NA | NA | 0 | 0 | 0 |
| Def Adv Rsch Projects Agcy | 2,037,405 | 2,067,253 | 1,978,454 | 1,896,345 | 1,930,093 | 1,978,709 |
| Defense Info Systems Agcy | 42,541 | 49,080 | 85,403 | 119,401 | 138,322 | 184,071 |
| Defense Logistics Agency | 34,148 | 56,013 | 41,009 | 46,254 | 89,333 | 65,234 |
| Def Special Weapons Agcy | 202,363 | NA | NA | NA | NA | NA |
| Def Threat Reduction Agcy | NA | 239,372 | 147,394 | 375,092 | 386,214 | 368,869 |
| Joint Staff | 38,520 | 53,945 | 159,475 | 51,967 | 92,406 | 59,962 |
| Nat'l Imagery & Mapping Agcy | 0 | 0 | 0 | 0 | 0 | 0 |
| Special Operations Command | 207,977 | 182,988 | 164,624 | 197,752 | 186,632 | 188,711 |
| TRICARE Management Activity ² | NA | NA | NA | 69,071 | 609,951 | 114,040 |
| Uniformed Services University of the Health Sciences | NA | NA | NA | NA | NA | NA |
| Washington Headquarters Services | 1,376,520 | 1,976,396 | 426,058 | 491,414 | 567,285 | 547,200 |
| Dept of the Air Force, total | 14,912,060 | 14,246,153 | 13,972,550 | 11,729,126 | 10,360,894 | 9,928,618 |
| DT&E Support from Operations & Maintenance | NA | NA | NA | NA | NA | NA |
| DT&E Support from Procurement Appropriations | NA | NA | NA | NA | NA | NA |
| Housing for Military Personnel in R&D | NA | NA | NA | NA | NA | NA |
| Military Construction | NA | NA | NA | NA | NA | NA |
| Pay & Allowances of Military Personnel in R&D | NA | NA | NA | NA | NA | NA |
| RDT&E Appropriation | NA | NA | NA | NA | NA | NA |
| Special Foreign Currency Program | NA | NA | NA | NA | NA | NA |
| Department of the Army, total | 4,889,941 | 4,920,446 | 5,071,843 | 4,821,743 | 5,438,088 | 6,658,349 |
| Department of the Army, Civil Functions | 30,941 | 39,446 | 44,804 | 43,743 | 45,088 | 44,349 |
| Department of the Army, Military Functions | 4,859,000 | 4,881,000 | 5,027,039 | 4,778,000 | 5,393,000 | 6,614,000 |
| Housing for Military Personnel in R&D | NA | NA | NA | NA | NA | NA |
| Military Construction | NA | NA | NA | NA | NA | NA |
| Pay & Allowances of Military Personnel in R&D | NA | NA | NA | NA | NA | NA |
| RDT&E Appropriation | NA | NA | NA | NA | NA | NA |
| Special Foreign Currency Program | NA | NA | NA | NA | NA | NA |
| Support from Procurement Appropriations | NA | NA | NA | NA | NA | NA |
| Department of the Navy, total | 8,417,117 | 8,038,127 | 8,261,228 | 9,016,301 | 9,481,935 | 9,594,155 |
| DT&E Support from Operations & Maintenance | NA | NA | NA | NA | NA | NA |
| DT&E Support from Procurement Appropriations | NA | NA | NA | NA | NA | NA |
| Housing for Military Personnel in R&D | NA | NA | NA | NA | NA | NA |
| Military Construction | NA | NA | NA | NA | NA | NA |
| Pay & Allowances of Military Personnel in R&D | NA | NA | NA | NA | NA | NA |
| RDT&E Appropriation | NA | NA | NA | NA | NA | NA |
| Special Foreign Currency Program | NA | NA | NA | NA | NA | NA |
| Def Civil Preparedness Agcy | NA | NA | NA | NA | NA | NA |
| Health Affairs, Assistant Secretary of Defense for | NA | NA | NA | NA | NA | NA |
| Operational Test & Evaluation, Director | 21,500 | 27,808 | 44,667 | 32,915 | 189,338 | 201,038 |
| Test & Evaluation, Deputy Under Secretary of Defense | 275,792 | 250,380 | 257,251 | 257,428 | 22,256 | 0 |

See explanatory information, if any, and SOURCE at end of table.

Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

| Agency and subdivision | 1997 | 1998 | 1999 | 2000 | Preliminary | |
|--|------------|------------|------------|------------|-------------|------------|
| | | | | | 2001 | 2002 |
| Department of Education | 169,108 | 191,956 | 201,596 | 222,418 | 268,360 | 278,711 |
| Department of Energy | 6,485,303 | 6,652,937 | 6,836,907 | 6,874,221 | 7,632,008 | 7,362,466 |
| Dept of Health, Education, & Welfare, total | NA | NA | NA | NA | NA | NA |
| Alcohol, Drug Abuse, & Mental Health Administration | NA | NA | NA | NA | NA | NA |
| Center for Disease Control | NA | NA | NA | NA | NA | NA |
| Environmental Health Service | NA | NA | NA | NA | NA | NA |
| Food & Drug Administration | NA | NA | NA | NA | NA | NA |
| Health Care Financing Admin | NA | NA | NA | NA | NA | NA |
| Health Resources Admin | NA | NA | NA | NA | NA | NA |
| Health Services Administration | NA | NA | NA | NA | NA | NA |
| Hlth Svcs & Mental Health Admin | NA | NA | NA | NA | NA | NA |
| National Inst of Education | NA | NA | NA | NA | NA | NA |
| National Institutes of Health | NA | NA | NA | NA | NA | NA |
| Off of Asst Sec for Education | NA | NA | NA | NA | NA | NA |
| Off of the Asst Sec for Health | NA | NA | NA | NA | NA | NA |
| Office of Child Development | NA | NA | NA | NA | NA | NA |
| Office of Education | NA | NA | NA | NA | NA | NA |
| Office of Human Dvlpmt Svcs | NA | NA | NA | NA | NA | NA |
| Office of International Health | NA | NA | NA | NA | NA | NA |
| Office of the Secretary | NA | NA | NA | NA | NA | NA |
| Social & Rehabilitation Svc | NA | NA | NA | NA | NA | NA |
| Social Security Administration | NA | NA | NA | NA | NA | NA |
| Department of Health & Human Services, total | 11,457,684 | 12,983,782 | 14,280,202 | 18,406,781 | 21,286,664 | 24,049,926 |
| Admin for Children & Families | 12,664 | 15,754 | 23,125 | 25,433 | 25,129 | 25,657 |
| Administration on Aging | 4,000 | 10,426 | 18,526 | 1,125 | 3,020 | 3,637 |
| Agency for Healthcare Research and Quality ³ | 110,000 | 77,000 | 79,000 | 50,800 | 107,200 | 91,300 |
| Agency for Toxic Substances Disease & Registry ⁴ | NA | NA | NA | 14,675 | 15,358 | 16,124 |
| Alcohol, Drug Abuse, & Mental Health Administration | NA | NA | NA | NA | NA | NA |
| Centers for Disease Control & Prevention | 306,000 | 343,559 | 433,307 | 439,000 | 502,000 | 568,000 |
| Food & Drug Administration | 165,926 | 155,937 | 133,346 | 143,768 | 153,331 | 162,349 |
| Health Care Financing Admin | 66,256 | 51,300 | 48,071 | 44,377 | 70,813 | 94,082 |
| Health Resources Admin | NA | NA | NA | NA | NA | NA |
| Health Resources & Svcs Admin | 13,836 | 13,780 | 12,989 | 36,228 | 51,570 | 21,475 |
| Health Services Administration | NA | NA | NA | NA | NA | NA |
| Human Development Services | NA | NA | NA | NA | NA | NA |
| National Institutes of Health ⁵ | 10,687,048 | 12,035,568 | 13,225,981 | 17,134,811 | 19,704,512 | 22,389,087 |
| Off of the Asst Sec for Health | NA | NA | NA | NA | NA | NA |
| Office of the Secretary, total | 22,872 | 7,037 | 16,550 | 18,736 | 19,097 | 19,481 |
| Office of the Asst Secretary, Planning & Evaluation | 21,000 | 5,000 | 13,948 | 16,700 | 17,000 | 17,300 |
| Off of Public Hlth & Science | 1,872 | 2,037 | 2,602 | 2,036 | 2,097 | 2,181 |
| Social Security Administration | NA | NA | NA | NA | NA | NA |
| Substance Abuse & Mental Health Services Administration ⁶ | 69,082 | 273,421 | 289,307 | 497,828 | 634,634 | 658,734 |

See explanatory information, if any, and SOURCE at end of table.

Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

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| Agency and subdivision | 1997 | 1998 | 1999 | 2000 | Preliminary | |
|--|---------|---------|---------|---------|-------------|---------|
| | | | | | 2001 | 2002 |
| Dept of Housing & Urban Dvlpmnt | 31,742 | 31,584 | 27,532 | 43,679 | 58,540 | 60,600 |
| Department of the Interior, total | 572,629 | 566,861 | 608,149 | 581,171 | 626,524 | 566,961 |
| Bonneville Power Admin | NA | NA | NA | NA | NA | NA |
| Bureau of Land Management | 0 | 0 | 0 | 0 | 0 | 0 |
| Bureau of Mines | NA | NA | NA | NA | NA | NA |
| Bureau of Reclamation | 6,800 | 8,835 | 10,269 | 9,848 | 10,154 | 8,400 |
| Federal Water Pollution Control Administration | NA | NA | NA | NA | NA | NA |
| Geological Survey | 517,249 | 499,904 | 545,721 | 506,128 | 549,499 | 490,780 |
| Heritage Conservation & Recreation Service | NA | NA | NA | NA | NA | NA |
| Minerals Management Service | 22,629 | 28,380 | 29,698 | 30,473 | 30,665 | 30,725 |
| National Biological Service | NA | NA | NA | NA | NA | NA |
| National Park Service | 25,951 | 29,742 | 22,461 | 34,722 | 36,206 | 37,056 |
| National Resources Library | NA | NA | NA | NA | NA | NA |
| Office of Coal Research | NA | NA | NA | NA | NA | NA |
| Office of the Secretary | 0 | 0 | 0 | 0 | 0 | 0 |
| Office of Surface Mining Reclamation & Enforcement | 0 | 0 | 0 | 0 | 0 | 0 |
| Office of Water Research & Technology, total | NA | NA | NA | NA | NA | NA |
| Office of Saline Water | NA | NA | NA | NA | NA | NA |
| Off of Water Resources Rsch | NA | NA | NA | NA | NA | NA |
| United States Fish & Wildlife Service, total | 0 | 0 | 0 | 0 | 0 | 0 |
| Bureau of Commercial Fisheries | NA | NA | NA | NA | NA | NA |
| Bureau of Sport Fisheries & Wildlife | NA | NA | NA | NA | NA | NA |
| Department of Justice, total | 75,519 | 73,192 | 85,336 | 42,755 | 62,459 | 42,717 |
| Bureau of Prisons | 4,645 | 8,110 | 9,310 | 6,590 | 7,307 | 7,917 |
| Drug Enforcement Admin | 1 | 0 | 0 | 0 | 0 | 0 |
| Fed Bureau of Investigation | 35,458 | 35,812 | 36,343 | 9,953 | 9,193 | 13,194 |
| Immigration & Naturalization Service | 400 | 0 | 200 | 550 | 575 | 600 |
| Office of Justice Programs | 35,015 | 29,270 | 39,483 | 25,662 | 45,384 | 21,006 |
| Office of Legal Policy | 0 | 0 | 0 | 0 | 0 | 0 |
| Department of Labor, total | 39,137 | 25,168 | 25,754 | 82,656 | 86,400 | 89,751 |
| Bureau of Apprenticeship & Training | NA | NA | NA | NA | NA | NA |
| Bureau of Employment Security | NA | NA | NA | NA | NA | NA |
| Bureau of Labor Statistics | 12,600 | 12,400 | 12,400 | 12,300 | 12,300 | 12,300 |
| Employment Standards Admin | 0 | 0 | 0 | 0 | 0 | 0 |
| Employment & Training Admin | 18,194 | 4,667 | 6,126 | 60,863 | 63,906 | 67,101 |
| Labor-Management Relations & Cooperative Programs | NA | NA | NA | NA | NA | NA |
| Labor-Management Svcs Admin | NA | NA | NA | NA | NA | NA |
| Occupational Safety & Health Administration | 5,439 | 4,554 | 3,725 | 5,741 | 5,469 | 5,613 |
| Office of the Secretary | 229 | 200 | 976 | 1,267 | 1,880 | 1,880 |
| Pension & Welfare Benefits Administration | 2,020 | 2,740 | 1,843 | 1,772 | 2,123 | 2,123 |
| Pension Benefit Guaranty Corp | 655 | 607 | 684 | 713 | 722 | 734 |
| Wage & Hour Division | 0 | 0 | 0 | 0 | 0 | 0 |
| Post Office Department | NA | NA | NA | NA | NA | NA |

See explanatory information, if any, and SOURCE at end of table.

Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

| Agency and subdivision | 1997 | 1998 | 1999 | 2000 | Preliminary | |
|--|---------|---------|---------|---------|-------------|---------|
| | | | | | 2001 | 2002 |
| Department of State, total | 648 | 513 | 968 | 933 | 1,000 | 1,000 |
| Agy for Internat'l Dvlpmt | NA | NA | NA | NA | NA | NA |
| Bureau of Intelligence & Rsch | 0 | 0 | 0 | 0 | 0 | 0 |
| Departmental Funds | 0 | 0 | 0 | 0 | 0 | 0 |
| Peace Corps | 0 | 0 | 0 | 0 | 0 | 0 |
| Dept of Transportation, total | 548,389 | 537,295 | 523,884 | 449,575 | 519,992 | 583,121 |
| Coast Guard | 23,277 | 20,144 | 20,665 | 20,047 | 23,978 | 23,326 |
| Federal Aviation Admin | 236,000 | 229,476 | 187,948 | 230,206 | 277,290 | 280,814 |
| Federal Highway Administration | 218,041 | 210,356 | 230,665 | 106,654 | 99,225 | 167,804 |
| Federal Motor Carrier Safety Administration ⁷ | NA | NA | NA | 379 | 5,000 | 11,000 |
| Federal Railroad Admin | 18,107 | 22,974 | 22,090 | 25,324 | 38,705 | 31,804 |
| Federal Transit Administration | 19,525 | 10,159 | 10,612 | 12,014 | 13,394 | 5,120 |
| Infrastructure Investment | NA | NA | NA | NA | NA | NA |
| Maritime Administration | 0 | 0 | 0 | 0 | 0 | 0 |
| Materials Transportation Bureau | 0 | 0 | 0 | 0 | 0 | 0 |
| National Highway Traffic Safety Administration | 23,000 | 33,297 | 40,280 | 40,455 | 46,650 | 47,234 |
| Office of the Secretary | 2,000 | 3,658 | 3,700 | 7,516 | 7,300 | 6,600 |
| Rsch & Special Programs Admin | 8,439 | 7,231 | 7,924 | 6,980 | 8,450 | 9,419 |
| Department of the Treasury, total | 59,811 | 65,193 | 64,840 | 60,351 | 74,473 | 79,353 |
| Bureau of Alcohol, Tobacco, & Firearms | NA | NA | NA | NA | NA | NA |
| Bureau of Engraving & Printing | 1,704 | 2,799 | 2,110 | 2,847 | 3,469 | 3,500 |
| Financial Crimes Enforcement Network | 0 | 0 | 0 | 0 | 0 | 0 |
| Internal Revenue Service | 50,831 | 52,028 | 55,840 | 53,275 | 65,631 | 68,913 |
| Office of Thrift Supervision | 638 | 684 | 144 | 128 | 209 | 219 |
| United States Customs Service | 6,255 | 9,151 | 5,430 | 1,880 | 3,350 | 5,000 |
| United States Mint | 9 | 56 | 785 | 1,260 | 890 | 620 |
| United States Secret Service | 374 | 475 | 531 | 961 | 924 | 1,101 |
| Department of Veterans Affairs | 243,151 | 248,090 | 339,434 | 342,012 | 350,580 | 360,589 |
| Other agencies: | | | | | | |
| ACTION | 0 | 0 | 0 | 0 | 0 | 0 |
| Advisory Commission on Intergovernmental Relations | NA | NA | NA | NA | NA | NA |
| Appalachian Regional Commission | 900 | 680 | 831 | 625 | 665 | 750 |
| Atomic Energy Commission | NA | NA | NA | NA | NA | NA |
| Broadcasting Board of Governors ⁸ | NA | NA | NA | 84 | 5 | 100 |
| Civil Aeronautics Board | NA | NA | NA | NA | NA | NA |
| Civil Service Commission | NA | NA | NA | NA | NA | NA |
| Community Services Admin | NA | NA | NA | NA | NA | NA |
| Consumer Product Safety Comm | 71 | 12 | 0 | 0 | 0 | 0 |
| Energy Research & Dvlpmt Admin | NA | NA | NA | NA | NA | NA |
| Energy Security Trust Fund | NA | NA | NA | NA | NA | NA |
| Environmental Protection Agency ⁴ | 537,000 | 524,000 | 593,000 | 492,000 | 552,000 | 514,000 |
| Fed Communications Commission | 3,099 | 3,025 | 4,487 | 2,789 | 1,992 | 1,348 |
| Federal Emergency Management Agency, total | 0 | 0 | 0 | 0 | 0 | 0 |
| Def Civil Preparedness Agcy | 0 | 0 | 0 | 0 | 0 | 0 |
| National Fire Prevention & Control Administration | 0 | 0 | 0 | 0 | 0 | 0 |
| Federal Energy Administration | NA | NA | NA | NA | NA | NA |
| Federal Trade Commission | 696 | 1,144 | 1,254 | 674 | 1,272 | 1,484 |
| Foundation for Ed Assistance | NA | NA | NA | NA | NA | NA |
| General Services Administration | 1,630 | 0 | 0 | 117 | 458 | 262 |

See explanatory information, if any, and SOURCE at end of table.

Table 1. Federal outlays for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

| Agency and subdivision | 1997 | 1998 | 1999 | 2000 | Preliminary | |
|---|-----------|-----------|-----------|-----------|-------------|-----------|
| | | | | | 2001 | 2002 |
| International Development | | | | | | |
| Cooperation Agency, total | 206,410 | 212,032 | 203,037 | 179,000 | 183,000 | 183,000 |
| Agcy for Internat'l Dvlpmt | 206,410 | 212,032 | 203,037 | 179,000 | 183,000 | 183,000 |
| Institute for Scientific & Technological Cooperation | 0 | 0 | 0 | 0 | 0 | 0 |
| Interstate Commerce Commission | 0 | 0 | 0 | 0 | 0 | 0 |
| Library of Congress | 2,542 | 1,605 | 2,128 | 2,211 | 1,791 | 3,370 |
| Nat'l Aeronautics & Space Admin ⁹ | 9,715,000 | 9,741,000 | 9,752,000 | 9,291,000 | 9,415,000 | 9,700,000 |
| Nat'l Archives & Records Admin | 120 | 120 | 120 | 120 | 120 | 120 |
| National Science Foundation | 2,318,000 | 2,302,000 | 2,399,000 | 2,616,000 | 2,899,000 | 3,156,000 |
| Nuclear Regulatory Commission | 67,471 | 54,301 | 48,000 | 47,000 | 47,000 | 50,000 |
| Office of Economic Opportunity | NA | NA | NA | NA | NA | NA |
| Office of Emergency Preparedness | NA | NA | NA | NA | NA | NA |
| Office of Personnel Management | 0 | 0 | 0 | 0 | 0 | 0 |
| Office of Science & Technology | NA | NA | NA | NA | NA | NA |
| Off of Telecommunications Policy | NA | NA | NA | NA | NA | NA |
| Office of Thrift Supervision | NA | NA | NA | NA | NA | NA |
| Postal Service | 0 | 0 | 0 | 0 | 0 | 0 |
| Small Business Administration | 0 | 0 | 0 | 0 | 0 | 0 |
| Smithsonian Institution | 126,000 | 115,500 | 88,500 | 95,500 | 98,000 | 100,000 |
| Social Security Administration | 13,618 | 17,422 | 53,282 | 28,683 | 38,500 | 80,400 |
| Special Action Office for Drug Abuse Prevention | NA | NA | NA | NA | NA | NA |
| Tennessee Valley Authority | 8,916 | 2,655 | 0 | 0 | 0 | 0 |
| United States Arms Control & Disarmament Agency ¹⁰ | 1,200 | 1,200 | 0 | 0 | 0 | 0 |
| United States Commission on Civil Rights | 0 | 0 | 0 | 0 | 0 | 0 |
| United States Information Agency ¹¹ | 152 | 186 | 117 | NA | NA | NA |
| United States International Trade Commission ¹² | 5,677 | 7,165 | 9,738 | 0 | 0 | 0 |

- 1 Prior to fiscal year 2000, Chemical and Biological Defense's R&D was reported with the Washington Headquarters Services.
- 2 TRICARE Management Activity oversees the delivery of healthcare to active duty and retired members of the uniformed services and their family members and survivors.
- 3 The Agency for Health Care Policy and Research was renamed the Agency for Healthcare Research and Quality as stated in the Healthcare Research and Quality Act of 1999, signed by the President on December 6, 1999.
- 4 Prior to fiscal year 2000, data reported for the Environmental Protection Agency included R&D data for the Agency for Toxic Substances and Disease Registry.
- 5 Beginning in the fiscal year 2000, the National Institutes of Health classified all of its development activities as research.
- 6 Data for fiscal years 2000-2002 from the Substance Abuse & Mental Health Services Administration (SAMHSA) are estimates based on SAMHSA's obligations by program activity budget and previously reported funding for development.
- 7 The Federal Motor Carrier Safety Administration, formerly a part of the Federal Highway Administration, was established within the Department of Transportation on January 1, 2000, as stated in the Motor Carrier Safety Improvement Act of 1999 (Public Law No. 106-159, 113 Stat. 1748 (December 9, 1999)).
- 8 The Broadcasting Board of Governors became an independent Federal entity on October 1, 1999, as mandated by the Foreign Affairs Reform and Restructuring Act (Public Law 105-277) signed by the President on October 21, 1998.
- 9 Beginning in fiscal year 2000, the National Aeronautics & Space Administration reclassified Space Station as a physical asset and Space Station Research as equipment, and transferred funding for the program from R&D to R&D plant.
- 10 Effective April 1, 1999, all functions and authorities of the United States Arms Control & Disarmament Agency were transferred to the Department of State.
- 11 On October 1, 1999, the United States Information Agency was integrated into the United States Department of State.
- 12 As of fiscal year 2001, the United States International Trade Commission no longer classifies any of its activities as research and development.

KEY: NA = Not applicable (indicates that the data collected for this table were not recorded at that level in that particular fiscal year, or that the agency or subagency did not exist as such or in that organization in that year)

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: Fiscal Years 2000, 2001, and 2002