

**Table 5. Federal obligations 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 .....	620,087	603,830	669,012	524,448	611,244	602,056
Departments:						
Department of Agriculture, total .....	8,236	18,337	10,688	5,250	5,104	7,803
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 .....	0	0	0	0	0	0
Economic Research Service .....	0	0	0	0	0	0
Farmer Cooperative Service .....	0	0	0	0	0	0
Statistical Reporting Svc .....	0	0	0	0	0	0
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 .....	3,277	3,333	0	930	1,032	3,558
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 .....	0	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 .....	4,959	15,004	10,688	4,320	4,072	4,245
Agricultural Research Svc .....	2,959	13,004	10,688	3,320	4,072	4,245
Cooperative State Rsch Svc .....	2,000	2,000	0	1,000	0	0
Nat'l Agricultural Library .....	0	0	0	0	0	0
Department of Commerce, total .....	4,099	4,245	3,222	3,883	9,175	7,425
Bureau of the Census .....	0	0	0	0	0	0
Economic Development Admin .....	0	0	0	0	0	0
Env Science Svcs Admin .....	494	562	1,085	NA	NA	NA
Maritime Administration .....	0	0	0	0	3,600	670
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 .....	3,605	3,683	2,137	1,204	1,210	1,817
National Oceanic & Atmospheric Administration .....	0	0	0	2,679	4,365	4,938
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	0	0
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 5. Federal obligations for R&D plant, by agency:  
fiscal years 1967-2002**

[Dollars in thousands]

Agency and subdivision	1967	1968	1969	1970	1971	1972
Department of Defense, total .....	86,702	198,348	193,775	140,581	153,670	174,722
Defense Agencies, total .....	5,533	11,519	29,970	36,006	32,335	24,071
Ballistic Missile Def Org .....	NA	NA	NA	NA	NA	NA
Chemical and Biological Defense <sup>1</sup> .....	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 <sup>2</sup> .....	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 .....	25,611	102,792	105,640	59,160	49,695	70,808
DT&E Support from Operations & Maintenance .....	0	0	0	0	0	0
DT&E Support from Procurement Appropriations .....	0	30,330	16,296	0	0	0
Housing for Military Personnel in R&D .....	0	0	3,192	0	0	0
Military Construction .....	25,611	23,306	33,366	8,020	15,135	22,187
Pay & Allowances of Military Personnel in R&D .....	0	0	0	0	0	0
RDT&E Appropriation .....	0	49,156	52,786	51,140	34,560	48,621
Special Foreign Currency Program .....	0	0	0	0	0	0
Department of the Army, total .....	41,952	30,461	22,697	27,203	43,628	39,472
Department of the Army, Civil Functions .....	0	240	512	374	280	46
Department of the Army, Military Functions .....	41,952	30,221	22,185	26,829	43,348	39,426
Housing for Military Personnel in R&D .....	0	0	1,345	0	0	0
Military Construction .....	41,952	18,300	14,671	21,478	34,355	29,023
Pay & Allowances of Military Personnel in R&D .....	0	0	0	0	0	0
RDT&E Appropriation .....	0	11,921	6,169	5,351	8,993	10,403
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 .....	13,606	53,576	35,468	18,212	28,012	40,371
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	7,717	0	0	0
Military Construction .....	13,606	20,627	9,957	10,608	6,327	5,375
Pay & Allowances of Military Personnel in R&D .....	0	0	0	0	0	0
RDT&E Appropriation .....	0	32,949	17,794	7,604	21,685	34,996
Special Foreign Currency Program .....	0	0	0	0	0	0
Def Civil Preparedness Agcy .....	0	0	0	0	0	0
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 5. Federal obligations 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 .....	60,568	46,700	52,767	31,210	17,362	54,957
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 .....	2,120	727	6,347	0	0	0
Food & Drug Administration .....	232	0	482	0	0	0
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 .....	0	0	200	0	618	5,043
National Inst of Education .....	0	0	0	0	0	0
National Institutes of Health .....	55,909	45,349	26,864	19,919	16,293	49,804
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	0	0	0
Office of Education .....	2,307	624	18,874	11,291	451	110
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 .....	0	0	0	0	0	0
Social Security Administration .....	0	0	0	0	0	0
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 <sup>3</sup> .....	NA	NA	NA	NA	NA	NA
Agency for Toxic Substances Disease & Registry <sup>4</sup> .....	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 <sup>5</sup> .....	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 <sup>6</sup> .....	NA	NA	NA	NA	NA	NA

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

**Table 5. Federal obligations 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 Dvlpmt .....	0	0	0	0	0	0
Department of the Interior, total .....	32,317	26,915	14,180	10,610	8,504	13,752
Bonneville Power Admin .....	149	229	202	305	986	755
Bureau of Land Management .....	0	0	0	0	0	0
Bureau of Mines .....	2,000	0	0	0	0	0
Bureau of Reclamation .....	0	0	0	0	0	0
Federal Water Pollution Control						
Administration .....	16,085	15,198	3,246	NA	NA	NA
Geological Survey .....	0	0	0	0	0	35
Heritage Conservation & Recreation Service .....	0	0	0	0	0	0
Minerals Management Service .....	NA	NA	NA	NA	NA	NA
National Biological Service .....	NA	NA	NA	NA	NA	NA
National Park Service .....	0	0	0	0	0	0
National Resources Library .....	NA	NA	NA	NA	NA	NA
Office of Coal Research .....	4,500	6,746	4,800	7,822	2,355	12,100
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 .....	7,050	1,688	3,188	2,032	4,924	302
Office of Saline Water .....	7,050	1,688	3,188	2,032	4,924	302
Off of Water Resources Rsch .....	0	0	0	0	0	0
United States Fish & Wildlife Service, total .....	2,533	3,054	2,744	451	239	560
Bureau of Commercial Fisheries .....	344	1,700	754	NA	NA	NA
Bureau of Sport Fisheries & Wildlife .....	2,189	1,354	1,990	NA	NA	NA
Department of Justice, total .....	0	0	0	0	0	0
Bureau of Prisons .....	0	0	0	0	0	0
Drug Enforcement Admin .....	0	0	0	0	0	0
Fed Bureau of Investigation .....	0	0	0	0	0	0
Immigration & Naturalization Service .....	0	0	0	0	0	0
Office of Justice Programs .....	0	0	0	0	0	0
Office of Legal Policy .....	0	0	0	0	0	0
Department of Labor, total .....	0	0	0	0	0	0
Bureau of Apprenticeship & Training .....	0	0	0	0	0	0
Bureau of Employment Security .....	0	0	0	0	0	0
Bureau of Labor Statistics .....	0	0	0	0	0	0
Employment Standards Admin .....	0	0	0	0	0	0
Employment & Training Admin .....	0	0	0	0	0	0
Labor-Management Relations & Cooperative Programs .....	NA	NA	NA	NA	NA	NA
Labor-Management Svcs Admin .....	0	0	0	0	0	0
Occupational Safety & Health Administration .....	0	0	0	0	0	0
Office of the Secretary .....	0	0	0	0	0	0
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 .....	35	150	33	22	NA	NA

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**Table 5. Federal obligations for R&D plant, by agency:  
fiscal years 1967-2002**

[Dollars in thousands]

Agency and subdivision	1967	1968	1969	1970	1971	1972
Department of State, total .....	0	0	225	58	8,943	2,596
Agcy for Internat'l Dvlpmt .....	0	0	225	58	8,943	2,596
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 .....	9,005	8,127	5,621	5,470	10,788	25,778
Coast Guard .....	91	2,862	322	282	1,599	8,618
Federal Aviation Admin .....	1,034	1,503	914	240	1,100	1,500
Federal Highway Administration .....	153	85	585	102	380	173
Federal Motor Carrier Safety Administration <sup>7</sup> .....	NA	NA	NA	NA	NA	NA
Federal Railroad Admin .....	7,727	3,677	3,800	4,846	3,720	10,321
Federal Transit Administration .....	0	0	0	0	3,989	5,166
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	0	0	0
Office of the Secretary .....	0	0	0	0	0	0
Rsch & Special Programs Admin .....	NA	NA	NA	NA	NA	NA
Department of the Treasury, total .....	9	7	12	15	18	15
Bureau of Alcohol, Tobacco, & Firearms .....	0	0	0	0	0	0
Bureau of Engraving & Printing .....	9	7	12	15	18	15
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 .....	4,993	3,340	4,123	2,634	15,001	2,239
Other agencies:						
ACTION .....	0	0	0	0	0	0
Advisory Commission on Intergovernmental Relations .....	0	0	0	0	0	0
Appalachian Regional Commission .....	0	0	0	0	0	NA
Atomic Energy Commission .....	227,583	165,263	302,509	265,900	312,243	246,720
Broadcasting Board of Governors <sup>8</sup> .....	NA	NA	NA	NA	NA	NA
Civil Aeronautics Board .....	0	0	0	0	0	0
Civil Service Commission .....	0	0	0	0	0	0
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 <sup>4</sup> .....	0	0	0	1,957	1,087	676
Fed Communications Commission .....	10	11	18	10	19	34
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 .....	0	0	0	0	0	0
Foundation for Ed Assistance .....	NA	NA	NA	NA	NA	NA
General Services Administration .....	0	0	0	0	0	0

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[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 .....	0	0	0	0	0	0
Nat'l Aeronautics & Space Admin <sup>9</sup> .....	120,799	65,026	54,793	33,416	40,239	45,218
Nat'l Archives & Records Admin .....	NA	NA	NA	NA	NA	NA
National Science Foundation .....	65,449	66,861	26,889	23,335	27,852	18,623
Nuclear Regulatory Commission .....	NA	NA	NA	NA	NA	NA
Office of Economic Opportunity .....	0	0	0	0	0	0
Office of Emergency Preparedness .....	0	0	0	0	0	0
Office of Personnel Management .....	NA	NA	NA	NA	NA	NA
Office of Science & Technology .....	0	0	0	0	0	0
Off of Telecommunications Policy .....	0	0	0	0	0	0
Office of Thrift Supervision .....	0	0	0	0	0	0
Postal Service .....	NA	NA	NA	NA	670	0
Small Business Administration .....	0	0	0	0	0	0
Smithsonian Institution .....	185	377	0	57	0	0
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 .....	97	123	157	40	569	1,498
United States Arms Control & Disarmament Agency <sup>10</sup> .....	0	0	0	0	0	0
United States Commission on Civil Rights .....	0	0	0	0	0	0
United States Information Agency <sup>11</sup> .....	0	0	0	0	0	0
United States International Trade Commission <sup>12</sup> .....	0	0	0	0	0	0

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**Table 5. Federal obligations 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 .....	774,333	766,329	820,730	836,724	1,367,200	1,295,712
Departments:						
Department of Agriculture, total .....	2,879	8,834	7,797	16,142	12,908	24,665
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 .....	0	0	0	0	0	0
Economic Research Service .....	0	0	0	0	NA	NA
Farmer Cooperative Service .....	0	0	0	0	NA	NA
Statistical Reporting Svc .....	0	0	0	0	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 .....	1,190	4,124	3,318	2,945	1,792	2,674
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 .....	1,689	4,710	4,479	13,197	11,116	21,991
Agricultural Research Svc .....	1,689	4,710	4,479	13,197	11,116	21,991
Cooperative State Rsch Svc .....	0	0	0	0	0	0
Nat'l Agricultural Library .....	0	0	0	0	NA	NA
Department of Commerce, total .....	7,854	11,574	9,533	6,631	7,090	4,064
Bureau of the Census .....	0	0	0	0	0	0
Economic Development Admin .....	0	0	0	0	0	0
Env Science Svcs Admin .....	NA	NA	NA	NA	NA	NA
Maritime Administration .....	2,089	2,791	1,050	2,158	4,900	1,000
Minority Business Dvlpmt Agcy .....	0	0	0	0	0	0
National Fire Prevention & Control Administration .....	NA	NA	0	0	0	NA
Nat'l Inst of Standards & Tech .....	2,098	859	1,417	496	682	789
National Oceanic & Atmospheric Administration .....	3,667	7,924	7,066	3,977	1,508	2,275
Nat'l Technical Information Svc .....	NA	NA	0	0	0	0
National Telecommunications & Information Administration .....	NA	NA	NA	NA	0	0
Office of Productivity, Technology, & Innovation .....	NA	NA	NA	NA	NA	NA
Office of the Secretary .....	0	0	0	0	0	0
Office of Telecommunications .....	0	0	0	0	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 5. Federal obligations 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 .....	146,357	169,130	167,130	143,423	445,600	232,600
Defense Agencies, total .....	22,987	15,259	20,854	12,300	18,100	16,600
Ballistic Missile Def Org .....	NA	NA	NA	NA	NA	NA
Chemical and Biological Defense <sup>1</sup> .....	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 <sup>2</sup> .....	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 .....	70,550	67,726	59,649	73,000	350,000	160,100
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 .....	18,018	14,895	18,430	38,000	312,200	57,323
Pay & Allowances of Military Personnel in R&D .....	0	0	0	0	0	0
RDT&E Appropriation .....	52,532	52,831	41,219	35,000	37,800	102,777
Special Foreign Currency Program .....	0	0	0	0	0	0
Department of the Army, total .....	17,116	32,112	23,949	12,323	16,300	7,600
Department of the Army, Civil Functions .....	0	0	1,320	2,923	0	0
Department of the Army, Military Functions .....	17,116	32,112	22,629	9,400	16,300	7,600
Housing for Military Personnel in R&D .....	0	0	0	0	0	0
Military Construction .....	7,854	23,662	15,645	4,400	14,700	7,600
Pay & Allowances of Military Personnel in R&D .....	0	0	0	0	0	0
RDT&E Appropriation .....	9,262	8,450	6,984	5,000	1,600	0
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 .....	35,704	54,033	62,678	45,800	61,200	48,300
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 .....	10,500	11,319	27,481	10,800	18,500	7,500
Pay & Allowances of Military Personnel in R&D .....	0	0	0	0	0	0
RDT&E Appropriation .....	25,204	42,714	35,197	35,000	42,700	40,800
Special Foreign Currency Program .....	0	0	0	0	0	0
Def Civil Preparedness Agcy .....	0	0	0	0	0	0
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 5. Federal obligations 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	561,017	690,677
Dept of Health, Education, & Welfare, total .....	41,571	40,922	39,069	33,102	132,640	74,273
Alcohol, Drug Abuse, & Mental Health Administration .....	0	0	0	0	0	0
Center for Disease Control .....	40	0	0	0	0	0
Environmental Health Service .....	0	0	0	0	0	0
Food & Drug Administration .....	245	433	713	877	793	915
Health Care Financing Admin .....	NA	NA	NA	NA	0	0
Health Resources Admin .....	0	0	0	0	0	0
Health Services Administration .....	0	0	0	0	0	0
Hlth Svcs & Mental Health Admin .....	0	0	0	0	0	0
National Inst of Education .....	0	0	0	0	0	0
National Institutes of Health .....	41,286	40,489	38,356	32,225	131,847	73,358
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	0	0	0
Office of Education .....	0	0	0	0	0	0
Office of Human Dvlpmt Svcs .....	0	0	0	0	0	0
Office of International Health .....	0	0	NA	NA	NA	NA
Office of the Secretary .....	0	0	0	0	0	0
Social & Rehabilitation Svc .....	0	0	0	0	NA	NA
Social Security Administration .....	0	0	0	0	0	0
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 <sup>3</sup> .....	NA	NA	NA	NA	NA	NA
Agency for Toxic Substances Disease & Registry <sup>4</sup> .....	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 <sup>5</sup> .....	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 <sup>6</sup> .....	NA	NA	NA	NA	NA	NA

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

**Table 5. Federal obligations 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 Dvlpmt .....	0	0	0	0	0	0
Department of the Interior, total .....	22,037	2,095	3,871	5,914	4,972	15,011
Bonneville Power Admin .....	219	50	54	56	0	0
Bureau of Land Management .....	0	0	0	0	0	0
Bureau of Mines .....	0	0	0	0	3,430	7,111
Bureau of Reclamation .....	0	0	0	0	0	0
Federal Water Pollution Control Administration .....	NA	NA	NA	NA	NA	NA
Geological Survey .....	686	385	0	0	0	0
Heritage Conservation & Recreation Service .....	0	0	0	0	0	NA
Minerals Management Service .....	NA	NA	NA	NA	NA	NA
National Biological Service .....	NA	NA	NA	NA	NA	NA
National Park Service .....	0	0	27	28	2	0
National Resources Library .....	NA	NA	0	0	NA	NA
Office of Coal Research .....	19,880	NA	NA	NA	NA	NA
Office of the Secretary .....	59	0	0	0	0	0
Office of Surface Mining Reclamation & Enforcement .....	NA	NA	NA	NA	0	0
Office of Water Research & Technology, total .....	0	500	0	0	905	600
Office of Saline Water .....	NA	NA	NA	NA	NA	NA
Off of Water Resources Rsch .....	0	NA	NA	NA	NA	NA
United States Fish & Wildlife Service, total .....	1,193	1,160	3,790	5,830	635	7,300
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 .....	0	0	0	0	0	0
Bureau of Prisons .....	0	0	0	0	0	0
Drug Enforcement Admin .....	0	0	0	0	0	0
Fed Bureau of Investigation .....	0	0	0	0	0	0
Immigration & Naturalization Service .....	0	0	0	0	0	0
Office of Justice Programs .....	0	0	0	0	0	0
Office of Legal Policy .....	0	0	0	0	0	0
Department of Labor, total .....	0	0	0	0	0	0
Bureau of Apprenticeship & Training .....	NA	NA	NA	NA	NA	NA
Bureau of Employment Security .....	NA	NA	NA	NA	NA	NA
Bureau of Labor Statistics .....	0	0	0	0	0	0
Employment Standards Admin .....	0	0	0	0	0	0
Employment & Training Admin .....	0	0	0	0	0	0
Labor-Management Relations & Cooperative Programs .....	NA	NA	NA	NA	NA	NA
Labor-Management Svcs Admin .....	0	0	0	0	0	0
Occupational Safety & Health Administration .....	0	0	0	0	0	0
Office of the Secretary .....	0	0	0	0	0	0
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 5. Federal obligations 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 .....	410	368	0	5,125	16,170	190
Agcy for Internat'l Dvlpmnt .....	410	368	0	5,125	16,170	190
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 .....	38,245	13,364	13,255	14,200	22,500	14,100
Coast Guard .....	17,091	5,057	613	400	600	700
Federal Aviation Admin .....	1,500	366	3,446	2,000	3,000	1,000
Federal Highway Administration .....	151	400	440	400	400	400
Federal Motor Carrier Safety Administration <sup>7</sup> .....	NA	NA	NA	NA	NA	NA
Federal Railroad Admin .....	11,350	3,861	6,986	10,100	16,600	11,800
Federal Transit Administration .....	8,153	3,680	1,770	1,300	1,700	0
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	0	200	200
Office of the Secretary .....	0	0	0	0	0	0
Rsch & Special Programs Admin .....	NA	NA	NA	NA	0	0
Department of the Treasury, total .....	13	14	24	107	75	23
Bureau of Alcohol, Tobacco, & Firearms .....	0	0	0	0	0	0
Bureau of Engraving & Printing .....	13	14	24	0	0	0
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	107	75	23
United States Mint .....	0	0	0	0	0	0
United States Secret Service .....	NA	NA	NA	NA	NA	NA
Department of Veterans Affairs .....	10,331	2,121	2,219	11,825	5,894	4,096
Other agencies:						
ACTION .....	0	0	0	0	0	0
Advisory Commission on Intergovernmental Relations .....	0	0	0	0	0	0
Appalachian Regional Commission .....	NA	NA	NA	0	0	0
Atomic Energy Commission .....	349,105	NA	NA	NA	NA	NA
Broadcasting Board of Governors <sup>8</sup> .....	NA	NA	NA	NA	NA	NA
Civil Aeronautics Board .....	0	0	0	0	0	0
Civil Service Commission .....	0	0	0	0	0	NA
Community Services Admin .....	NA	0	0	0	0	0
Consumer Product Safety Comm .....	0	0	1,865	189	0	303
Energy Research & Dvlpmnt Admin .....	0	392,664	392,566	438,821	NA	NA
Energy Security Trust Fund .....	NA	NA	NA	NA	NA	NA
Environmental Protection Agency <sup>4</sup> .....	24,462	1,243	2,070	6,256	2,110	4,623
Fed Communications Commission .....	0	0	0	0	0	0
Federal Emergency Management Agency, total .....	NA	NA	NA	NA	NA	0
Def Civil Preparedness Agcy .....	NA	NA	NA	NA	NA	NA
National Fire Prevention & Control Administration .....	NA	NA	NA	NA	NA	0
Federal Energy Administration .....	0	0	0	0	NA	NA
Federal Trade Commission .....	0	0	0	0	0	0
Foundation for Ed Assistance .....	NA	NA	NA	NA	NA	NA
General Services Administration .....	0	0	0	0	0	0

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

**Table 5. Federal obligations 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	0	0	0
Library of Congress .....	0	0	0	0	0	0
Nat'l Aeronautics & Space Admin <sup>9</sup> .....	69,325	98,356	142,655	82,130	118,090	162,340
Nat'l Archives & Records Admin .....	NA	NA	NA	NA	NA	NA
National Science Foundation .....	57,107	11,671	23,054	52,577	27,079	39,700
Nuclear Regulatory Commission .....	NA	3,810	3,038	9,623	7,141	6,932
Office of Economic Opportunity .....	0	NA	NA	NA	NA	NA
Office of Emergency Preparedness .....	NA	NA	NA	NA	NA	NA
Office of Personnel Management .....	NA	NA	NA	NA	NA	0
Office of Science & Technology .....	NA	NA	NA	NA	NA	NA
Off of Telecommunications Policy .....	0	0	0	0	NA	NA
Office of Thrift Supervision .....	0	0	0	0	0	0
Postal Service .....	0	0	0	0	0	0
Small Business Administration .....	0	0	0	0	0	0
Smithsonian Institution .....	100	439	398	485	184	205
Social Security Administration .....	NA	NA	NA	NA	NA	NA
Special Action Office for Drug Abuse Prevention .....	0	0	0	NA	NA	NA
Tennessee Valley Authority .....	4,537	9,724	12,186	10,174	3,730	21,910
United States Arms Control & Disarmament Agency <sup>10</sup> .....	0	0	0	0	0	0
United States Commission on Civil Rights .....	0	0	0	0	0	0
United States Information Agency <sup>11</sup> .....	0	0	0	0	0	0
United States International Trade Commission <sup>12</sup> .....	0	0	0	0	0	0

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

**Table 5. Federal obligations 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 .....	1,475,455	1,555,663	1,485,710	1,389,774	1,297,495	1,787,284
Departments:						
Department of Agriculture, total .....	22,635	56,871	20,750	21,469	33,854	39,221
Agricultural Cooperative Svc .....	NA	0	0	0	0	0
Agricultural Marketing Service .....	0	0	0	0	0	0
Agricultural Research Service .....	NA	NA	17,550	21,084	23,400	28,800
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	0	0	10,000	10,000
Economic Research Service .....	NA	NA	0	0	0	0
Economics, Statistics, & Cooperative Svc, total .....	0	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	0	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 .....	3,500	3,634	3,200	385	454	421
Grain Inspection Packers & Stockyards Administration .....	0	0	0	0	0	0
Human Nutrition Info Svc .....	NA	NA	0	0	0	0
Nat'l Agri Statistics Svc .....	NA	NA	0	0	0	0
Natural Resources Conservation Service .....	0	0	0	0	0	0
Office of International Cooperation & Development .....	0	0	0	0	0	0
Office of Transportation .....	0	0	0	0	0	0
Rural Business-Cooperative Svc .....	NA	NA	NA	NA	NA	NA
Rural Development Service .....	NA	NA	NA	NA	NA	NA
Science & Ed Admin, total .....	19,135	53,237	NA	NA	NA	NA
Agricultural Research Svc .....	19,135	53,237	NA	NA	NA	NA
Cooperative State Rsch Svc .....	0	0	NA	NA	NA	NA
Nat'l Agricultural Library .....	NA	NA	NA	NA	NA	NA
Department of Commerce, total .....	2,417	4,645	1,330	1,039	677	9,357
Bureau of the Census .....	0	0	0	0	0	0
Economic Development Admin .....	0	0	0	0	0	0
Env Science Svcs Admin .....	NA	NA	NA	NA	NA	NA
Maritime Administration .....	900	500	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 .....	1,517	262	503	1,039	677	9,357
National Oceanic & Atmospheric Administration .....	0	3,883	827	0	0	0
Nat'l Technical Information Svc .....	0	0	0	0	0	0
National Telecommunications & Information Administration .....	0	0	0	0	0	0
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 5. Federal obligations for R&D plant, by agency:  
fiscal years 1967-2002**

[Dollars in thousands]

Agency and subdivision	1979	1980	1981	1982	1983	1984
Department of Defense, total .....	270,200	208,200	277,700	290,500	312,500	529,215
Defense Agencies, total .....	30,800	3,200	7,400	25,200	5,800	14,188
Ballistic Missile Def Org .....	NA	NA	NA	NA	NA	NA
Chemical and Biological Defense <sup>1</sup> .....	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 <sup>2</sup> .....	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 .....	167,500	108,000	159,600	84,700	138,700	285,395
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 .....	98,500	46,000	108,600	41,400	85,400	89,910
Pay & Allowances of Military Personnel in R&D .....	0	0	0	0	0	0
RDT&E Appropriation .....	69,000	62,000	51,000	43,300	53,300	195,485
Special Foreign Currency Program .....	0	0	0	0	0	0
Department of the Army, total .....	3,800	13,800	12,800	24,700	26,300	56,200
Department of the Army, Civil Functions .....	0	0	0	0	0	0
Department of the Army, Military Functions .....	3,800	13,800	12,800	24,700	26,300	56,200
Housing for Military Personnel in R&D .....	0	0	0	0	0	0
Military Construction .....	2,600	10,700	9,600	21,300	20,500	45,300
Pay & Allowances of Military Personnel in R&D .....	0	0	0	0	0	0
RDT&E Appropriation .....	1,200	3,100	3,200	3,400	5,800	10,900
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 .....	68,100	83,200	97,900	155,900	141,700	173,432
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 .....	18,300	19,200	18,000	39,500	38,400	73,389
Pay & Allowances of Military Personnel in R&D .....	0	0	0	0	0	0
RDT&E Appropriation .....	49,800	64,000	79,900	116,400	103,300	100,043
Special Foreign Currency Program .....	0	0	0	0	0	0
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 .....	0	0	0	0	0	0

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

**Table 5. Federal obligations 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 .....	0	0	0	0	0	0
Department of Energy .....	844,411	1,024,124	978,194	914,028	757,668	852,417
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 .....	53,482	30,573	23,711	24,684	47,875	31,132
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 <sup>3</sup> .....	NA	NA	NA	NA	NA	NA
Agency for Toxic Substances Disease & Registry <sup>4</sup> .....	NA	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration .....	99	0	230	3,260	1,844	340
Centers for Disease Control & Prevention .....	0	0	0	0	0	0
Food & Drug Administration .....	5,755	1,200	1,200	2,000	28,500	3,000
Health Care Financing Admin .....	0	0	0	0	0	0
Health Resources Admin .....	0	0	0	NA	NA	NA
Health Resources & Svcs Admin .....	NA	NA	NA	0	0	0
Health Services Administration .....	0	0	0	NA	NA	NA
Human Development Services .....	0	0	0	0	0	0
National Institutes of Health <sup>5</sup> .....	47,628	29,373	22,281	19,424	17,531	27,792
Off of the Asst Sec for Health .....	0	0	0	0	0	0
Office of the Secretary, total .....	0	0	0	0	0	0
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 .....	0	0	0	0	0	0
Substance Abuse & Mental Health Services Administration <sup>6</sup> .....	NA	NA	NA	NA	NA	NA

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

**Table 5. Federal obligations 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 Dvlpmt .....	0	0	0	0	0	0
Department of the Interior, total .....	5,015	7,541	3,453	1,289	2,394	5,246
Bonneville Power Admin .....	0	0	274	NA	NA	NA
Bureau of Land Management .....	0	0	0	0	0	0
Bureau of Mines .....	277	1,041	629	89	100	14
Bureau of Reclamation .....	0	0	0	0	0	0
Federal Water Pollution Control Administration .....	NA	NA	NA	NA	NA	NA
Geological Survey .....	0	0	0	0	1,374	1,032
Heritage Conservation & Recreation Service .....	NA	NA	NA	NA	NA	NA
Minerals Management Service .....	NA	NA	NA	0	0	0
National Biological Service .....	NA	NA	NA	NA	NA	NA
National Park Service .....	0	0	0	0	0	0
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	300	0	0	0	0
Office of Water Research & Technology, total .....	726	700	750	940	0	0
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 .....	4,012	5,500	1,800	260	920	4,200
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 .....	0	0	0	0	0	0
Bureau of Prisons .....	0	0	0	0	0	0
Drug Enforcement Admin .....	0	0	0	0	0	0
Fed Bureau of Investigation .....	0	0	0	0	0	0
Immigration & Naturalization Service .....	0	0	0	0	0	0
Office of Justice Programs .....	0	0	0	0	0	0
Office of Legal Policy .....	0	0	0	0	0	0
Department of Labor, total .....	0	0	0	0	0	0
Bureau of Apprenticeship & Training .....	NA	NA	NA	NA	NA	NA
Bureau of Employment Security .....	NA	NA	NA	NA	NA	NA
Bureau of Labor Statistics .....	0	0	0	0	0	0
Employment Standards Admin .....	0	0	0	0	0	0
Employment & Training Admin .....	0	0	0	0	0	0
Labor-Management Relations & Cooperative Programs .....	NA	NA	NA	NA	NA	0
Labor-Management Svcs Admin .....	0	0	0	0	0	NA
Occupational Safety & Health Administration .....	0	0	0	0	0	0
Office of the Secretary .....	0	0	0	0	0	0
Pension & Welfare Benefits Administration .....	NA	NA	NA	NA	NA	0
Pension Benefit Guaranty Corp .....	NA	NA	0	0	0	0
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 5. Federal obligations for R&D plant, by agency:  
fiscal years 1967-2002**

[Dollars in thousands]

Agency and subdivision	1979	1980	1981	1982	1983	1984
Department of State, total .....	0	0	0	0	0	0
Agcy 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 .....	22,600	23,300	18,914	11,900	21,900	16,900
Coast Guard .....	0	0	0	0	0	0
Federal Aviation Admin .....	9,900	5,700	8,900	5,100	21,400	16,400
Federal Highway Administration .....	600	7,200	14	0	0	0
Federal Motor Carrier Safety Administration <sup>7</sup> .....	NA	NA	NA	NA	NA	NA
Federal Railroad Admin .....	11,900	10,200	9,500	6,300	0	0
Federal Transit Administration .....	0	0	0	0	0	0
Infrastructure Investment .....	NA	NA	NA	NA	NA	NA
Maritime Administration .....	NA	NA	0	0	0	0
Materials Transportation Bureau .....	0	0	0	0	0	0
National Highway Traffic Safety Administration .....	200	200	500	500	500	500
Office of the Secretary .....	0	0	0	0	0	0
Rsch & Special Programs Admin .....	0	0	0	0	0	0
Department of the Treasury, total .....	40	40	50	60	60	70
Bureau of Alcohol, Tobacco, & Firearms .....	0	0	0	NA	NA	NA
Bureau of Engraving & Printing .....	0	0	0	0	0	0
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 .....	40	40	50	60	60	70
United States Mint .....	0	0	0	0	0	0
United States Secret Service .....	NA	0	0	0	0	0
Department of Veterans Affairs .....	5,055	4,384	14,761	2,800	10,500	6,100
Other agencies:						
ACTION .....	0	0	0	0	0	0
Advisory Commission on Intergovernmental Relations .....	0	0	0	0	0	0
Appalachian Regional Commission .....	0	0	0	0	0	0
Atomic Energy Commission .....	NA	NA	NA	NA	NA	NA
Broadcasting Board of Governors <sup>8</sup> .....	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 .....	0	0	0	NA	NA	NA
Consumer Product Safety Comm .....	2,700	2,700	0	0	0	0
Energy Research & Dvlpmt Admin .....	NA	NA	NA	NA	NA	NA
Energy Security Trust Fund .....	0	NA	NA	NA	NA	NA
Environmental Protection Agency <sup>4</sup> .....	2,400	0	0	0	0	0
Fed Communications Commission .....	0	0	0	0	0	0
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 .....	0	0	0	0	0	0
Foundation for Ed Assistance .....	NA	NA	0	NA	NA	NA
General Services Administration .....	0	0	0	0	0	0

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

**Table 5. Federal obligations 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
International Development						
Cooperation Agency, total .....	6,442	6,272	8,012	6,009	4,755	7,806
Agcy for Internat'l Dvlpmt .....	6,442	6,272	8,012	6,009	4,755	7,806
Institute for Scientific & Technological Cooperation .....	0	0	0	0	0	0
Interstate Commerce Commission .....	0	0	0	0	0	0
Library of Congress .....	0	0	0	0	0	0
Nat'l Aeronautics & Space Admin <sup>9</sup> .....	147,500	159,100	115,750	113,700	100,770	244,200
Nat'l Archives & Records Admin .....	NA	NA	NA	NA	NA	NA
National Science Foundation .....	30,200	18,700	14,626	1,500	3,248	45,153
Nuclear Regulatory Commission .....	8,612	7,696	7,659	0	0	0
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 .....	0	0	0	0	0	0
Postal Service .....	0	0	0	0	0	0
Small Business Administration .....	0	0	0	0	0	0
Smithsonian Institution .....	957	917	400	496	994	224
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 .....	50,789	600	400	300	300	243
United States Arms Control & Disarmament Agency <sup>10</sup> .....	0	0	0	0	0	0
United States Commission on Civil Rights .....	0	0	0	0	0	0
United States Information Agency <sup>11</sup> .....	0	0	0	0	0	0
United States International Trade Commission <sup>12</sup> .....	0	0	0	0	0	0

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

**Table 5. Federal obligations 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 .....	1,820,804	1,538,817	1,845,963	2,057,087	2,165,121	2,271,718
Departments:						
Department of Agriculture, total .....	40,634	79,350	111,782	135,163	89,178	102,239
Agricultural Cooperative Svc .....	0	0	0	0	0	0
Agricultural Marketing Service .....	0	0	0	0	0	0
Agricultural Research Service .....	29,000	69,200	43,881	55,543	55,178	44,377
Agricultural Stabilization & Conservation Service .....	0	0	0	0	0	0
Animal & Plant Health						
Inspection Service .....	0	0	0	515	300	6,061
Cooperative State Research, Ed, & Extension Service .....	10,000	9,508	67,558	76,205	32,150	46,901
Economic Research Service .....	0	0	0	0	0	0
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 .....	1,634	642	343	2,900	1,550	4,900
Grain Inspection Packers & Stockyards Administration .....	0	0	0	0	0	0
Human Nutrition Info Svc .....	0	0	0	0	0	0
Nat'l Agri Statistics Svc .....	0	0	0	0	0	0
Natural Resources Conservation Service .....	0	0	0	0	0	0
Office of International Cooperation & Development .....	0	0	0	0	0	0
Office of Transportation .....	0	0	0	0	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 .....	4,201	9,261	5,221	11,209	9,122	15,367
Bureau of the Census .....	0	0	0	0	0	0
Economic Development Admin .....	0	0	0	0	0	0
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 .....	4,201	7,719	2,021	10,738	8,639	8,767
National Oceanic & Atmospheric Administration .....	0	1,542	3,200	471	483	6,600
Nat'l Technical Information Svc .....	0	0	0	0	0	0
National Telecommunications & Information Administration .....	0	0	0	0	0	0
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 5. Federal obligations 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 .....	530,907	286,132	477,182	435,790	499,275	487,349
Defense Agencies, total .....	4,600	4,537	72,129	124,393	114,407	51,598
Ballistic Missile Def Org .....	NA	NA	64,006	117,975	0	51,598
Chemical and Biological						
Defense <sup>1</sup> .....	NA	NA	NA	NA	NA	NA
Def Adv Rsch Projects Agcy .....	NA	NA	500	880	0	0
Defense Info Systems Agcy .....	NA	NA	6,543	5,538	0	0
Defense Logistics Agency .....	NA	NA	0	0	0	0
Def Special Weapons Agcy .....	NA	NA	1,080	0	0	0
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	0	0	114,407	0
Special Operations Command .....	NA	NA	0	0	0	0
TRICARE Management Activity <sup>2</sup> .....	NA	NA	NA	NA	NA	NA
Uniformed Services University						
of the Health Sciences .....	NA	NA	0	0	0	0
Washington Headquarters						
Services .....	NA	NA	0	0	0	0
Dept of the Air Force, total .....	291,329	130,074	270,328	143,724	250,182	322,200
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 .....	56,670	NA	NA	NA	NA	NA
Pay & Allowances of Military						
Personnel in R&D .....	0	NA	NA	NA	NA	NA
RDT&E Appropriation .....	234,659	NA	NA	NA	NA	NA
Special Foreign Currency						
Program .....	0	NA	NA	NA	NA	NA
Department of the Army, total .....	52,900	53,900	65,754	92,792	45,115	53,127
Department of the Army, Civil						
Functions .....	0	0	0	0	0	0
Department of the Army,						
Military Functions .....	52,900	53,900	65,754	92,792	45,115	53,127
Housing for Military						
Personnel in R&D .....	0	NA	NA	NA	NA	NA
Military Construction .....	32,700	NA	NA	NA	NA	NA
Pay & Allowances of Military						
Personnel in R&D .....	0	NA	NA	NA	NA	NA
RDT&E Appropriation .....	20,200	NA	NA	NA	NA	NA
Special Foreign Currency						
Program .....	0	NA	NA	NA	NA	NA
Support from Procurement						
Appropriations .....	0	NA	NA	NA	NA	NA
Department of the Navy, total .....	182,078	97,621	68,971	74,881	89,571	60,424
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 .....	82,900	NA	NA	NA	NA	NA
Pay & Allowances of Military						
Personnel in R&D .....	0	NA	NA	NA	NA	NA
RDT&E Appropriation .....	99,178	NA	NA	NA	NA	NA
Special Foreign Currency						
Program .....	0	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	0	0	0	0
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 5. Federal obligations 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 .....	1,103	6,599	20,996	5,170	1,860	8,900
Department of Energy .....	868,364	742,309	772,238	914,970	872,986	916,041
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 .....	42,146	37,879	36,736	19,529	78,563	107,800
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 <sup>3</sup> .....	NA	NA	NA	NA	NA	0
Agency for Toxic Substances Disease & Registry <sup>4</sup> .....	NA	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration .....	372	507	600	0	0	0
Centers for Disease Control & Prevention .....	0	0	0	0	0	0
Food & Drug Administration .....	13,000	8,000	800	500	23,000	23,000
Health Care Financing Admin .....	0	0	0	0	0	0
Health Resources Admin .....	NA	NA	NA	NA	NA	NA
Health Resources & Svcs Admin .....	0	0	0	0	0	0
Health Services Administration .....	NA	NA	NA	NA	NA	NA
Human Development Services .....	0	0	0	0	0	0
National Institutes of Health <sup>5</sup> .....	28,774	29,372	35,336	19,029	55,563	84,800
Off of the Asst Sec for Health .....	0	0	0	0	0	0
Office of the Secretary, total .....	0	0	0	0	0	0
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 .....	0	0	0	0	0	0
Substance Abuse & Mental Health Services Administration <sup>6</sup> .....	NA	NA	NA	NA	NA	NA

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

**Table 5. Federal obligations for R&D plant, by agency:  
fiscal years 1967-2002**

[Dollars in thousands]

Page 22 of 36

Agency and subdivision	1985	1986	1987	1988	1989	1990
Dept of Housing & Urban Dvlpmt .....	0	0	0	0	0	0
Department of the Interior, total .....	4,242	4,342	11,819	9,357	10,753	14,049
Bonneville Power Admin .....	NA	NA	NA	NA	NA	NA
Bureau of Land Management .....	0	0	0	0	0	0
Bureau of Mines .....	0	0	0	0	2,575	3,024
Bureau of Reclamation .....	0	0	0	0	0	0
Federal Water Pollution Control						
Administration .....	NA	NA	NA	NA	NA	NA
Geological Survey .....	842	842	819	757	1,278	1,335
Heritage Conservation & Recreation Service .....	NA	NA	NA	NA	NA	NA
Minerals Management Service .....	0	0	0	0	0	190
National Biological Service .....	NA	NA	NA	NA	NA	NA
National Park Service .....	0	0	0	0	0	0
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 .....	3,400	3,500	11,000	8,600	6,900	9,500
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 .....	0	0	11,100	0	0	0
Bureau of Prisons .....	0	0	0	0	0	0
Drug Enforcement Admin .....	0	0	0	0	0	0
Fed Bureau of Investigation .....	0	0	11,100	0	0	0
Immigration & Naturalization Service .....	0	0	0	0	0	0
Office of Justice Programs .....	0	0	0	0	0	0
Office of Legal Policy .....	0	0	0	0	0	0
Department of Labor, total .....	0	0	0	0	0	0
Bureau of Apprenticeship & Training .....	NA	NA	NA	NA	NA	NA
Bureau of Employment Security .....	NA	NA	NA	NA	NA	NA
Bureau of Labor Statistics .....	0	0	0	0	0	0
Employment Standards Admin .....	0	0	0	0	0	0
Employment & Training Admin .....	0	0	0	0	0	0
Labor-Management Relations & Cooperative Programs .....	0	0	0	0	0	NA
Labor-Management Svcs Admin .....	NA	NA	NA	NA	NA	NA
Occupational Safety & Health Administration .....	0	0	0	0	0	0
Office of the Secretary .....	0	0	0	0	0	0
Pension & Welfare Benefits						
Administration .....	0	0	0	0	0	0
Pension Benefit Guaranty Corp .....	0	0	0	0	0	0
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 5. Federal obligations 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 .....	0	0	0	0	0	0
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 .....	9,000	12,052	11,179	13,937	15,540	21,792
Coast Guard .....	0	0	0	300	0	400
Federal Aviation Admin .....	8,500	10,900	10,400	13,237	15,540	21,392
Federal Highway Administration .....	0	652	279	0	0	0
Federal Motor Carrier Safety Administration <sup>7</sup> .....	NA	NA	NA	NA	NA	NA
Federal Railroad Admin .....	0	0	0	400	0	0
Federal Transit Administration .....	0	0	0	0	0	0
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 .....	500	500	500	0	0	0
Office of the Secretary .....	0	0	0	0	0	0
Rsch & Special Programs Admin .....	0	0	0	0	0	0
Department of the Treasury, total .....	70	143	112	125	125	125
Bureau of Alcohol, Tobacco, & Firearms .....	NA	NA	NA	NA	NA	NA
Bureau of Engraving & Printing .....	0	0	0	0	0	0
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	0
United States Customs Service .....	70	80	80	100	100	100
United States Mint .....	0	0	0	0	0	0
United States Secret Service .....	0	63	32	25	25	25
Department of Veterans Affairs .....	3,300	4,800	5,900	19,500	11,000	3,300
Other agencies:						
ACTION .....	0	0	0	0	0	0
Advisory Commission on Intergovernmental Relations .....	0	0	0	0	0	0
Appalachian Regional Commission .....	0	0	0	0	0	0
Atomic Energy Commission .....	NA	NA	NA	NA	NA	NA
Broadcasting Board of Governors <sup>8</sup> .....	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 .....	0	0	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 <sup>4</sup> .....	0	0	0	0	0	0
Fed Communications Commission .....	0	0	0	0	0	0
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 .....	0	0	0	0	0	0
Foundation for Ed Assistance .....	NA	NA	NA	NA	NA	NA
General Services Administration .....	0	18,800	0	0	0	18,789

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

**Table 5. Federal obligations 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 .....	6,850	7,532	6,785	6,133	0	0
Agcy for Internat'l Dvlpmt .....	6,850	7,532	6,785	6,133	0	0
Institute for Scientific & Technological Cooperation .....	0	0	0	0	0	0
Interstate Commerce Commission .....	0	0	0	0	0	0
Library of Congress .....	0	0	0	0	0	0
Nat'l Aeronautics & Space Admin <sup>9</sup> .....	234,300	274,975	309,410	428,236	519,527	527,008
Nat'l Archives & Records Admin .....	0	0	0	0	0	0
National Science Foundation .....	73,557	53,164	61,303	56,863	53,581	39,287
Nuclear Regulatory Commission .....	0	0	0	0	0	0
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 .....	0	0	0	0	0	0
Postal Service .....	0	0	0	0	0	0
Small Business Administration .....	0	0	0	0	0	0
Smithsonian Institution .....	1,630	679	2,874	660	3,424	4,769
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 .....	500	800	326	445	187	4,903
United States Arms Control & Disarmament Agency <sup>10</sup> .....	0	0	1,000	0	0	0
United States Commission on Civil Rights .....	0	0	0	0	0	0
United States Information Agency <sup>11</sup> .....	0	0	0	0	0	0
United States International Trade Commission <sup>12</sup> .....	0	0	0	0	0	0

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



**Table 5. Federal obligations for R&D plant, by agency:  
fiscal years 1967-2002**

[Dollars in thousands]

Agency and subdivision	1991	1992	1993	1994	1995	1996
Total, all agencies .....	2,852,799	2,984,594	3,100,672	2,215,386	2,256,137	1,746,117
Departments:						
Department of Agriculture, total .....	144,620	164,721	142,404	125,741	143,372	128,413
Agricultural Cooperative Svc .....	0	0	0	0	NA	NA
Agricultural Marketing Service .....	0	0	0	0	0	0
Agricultural Research Service .....	64,710	98,092	78,310	78,286	67,732	67,889
Agricultural Stabilization & Conservation Service .....	0	0	0	0	NA	NA
Animal & Plant Health						
Inspection Service .....	0	0	0	0	0	1,500
Cooperative State Research, Ed, & Extension Service .....	61,510	63,029	60,522	42,555	71,324	56,524
Economic Research Service .....	0	0	0	0	0	0
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 .....	18,400	3,600	3,572	4,900	4,316	2,500
Grain Inspection Packers & Stockyards Administration .....	0	0	0	0	0	0
Human Nutrition Info Svc .....	0	0	0	0	NA	NA
Nat'l Agri Statistics Svc .....	0	0	0	0	0	0
Natural Resources Conservation Service .....	0	0	0	0	0	0
Office of International Cooperation & Development .....	0	0	0	0	NA	NA
Office of Transportation .....	NA	NA	NA	NA	NA	NA
Rural Business-Cooperative Svc .....	NA	NA	NA	0	0	0
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 .....	15,749	21,045	25,426	31,210	77,703	84,481
Bureau of the Census .....	0	0	0	0	0	0
Economic Development Admin .....	0	0	0	0	0	0
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 .....	8,471	11,174	12,594	30,930	77,209	84,481
National Oceanic & Atmospheric Administration .....	7,278	9,871	12,832	280	494	0
Nat'l Technical Information Svc .....	0	0	0	0	0	0
National Telecommunications & Information Administration .....	0	0	0	0	0	0
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 5. Federal obligations 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 .....	425,705	396,507	371,515	265,652	60,497	46,826
Defense Agencies, total .....	128,445	98,777	76,332	88,158	5,931	8,255
Ballistic Missile Def Org .....	37,000	41,500	13,371	5,717	5,731	8,054
Chemical and Biological						
Defense <sup>1</sup> .....	NA	NA	NA	NA	NA	NA
Def Adv Rsch Projects Agcy .....	0	0	0	0	0	0
Defense Info Systems Agcy .....	0	0	0	0	0	0
Defense Logistics Agency .....	0	0	0	0	200	201
Def Special Weapons Agcy .....	46,945	24,277	4,371	0	0	0
Def Threat Reduction Agcy .....	NA	NA	NA	NA	NA	NA
Joint Staff .....	0	0	0	0	0	0
Nat'l Imagery & Mapping Agcy .....	0	0	0	0	0	0
Special Operations Command .....	0	0	0	0	0	0
TRICARE Management Activity <sup>2</sup> .....	NA	NA	NA	NA	NA	NA
Uniformed Services University						
of the Health Sciences .....	0	0	0	0	NA	NA
Washington Headquarters						
Services .....	44,500	33,000	58,590	82,441	0	0
Dept of the Air Force, total .....	152,260	179,730	231,606	99,315	37,805	24,366
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 .....	91,000	22,000	18,120	2,126	5,487	6,168
Department of the Army, Civil						
Functions .....	0	0	0	0	0	0
Department of the Army,						
Military Functions .....	91,000	22,000	18,120	2,126	5,487	6,168
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 .....	54,000	96,000	45,457	76,053	11,274	8,037
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 .....	0	0	0	0	0	0
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 5. Federal obligations for R&D plant, by agency:  
fiscal years 1967-2002**

[Dollars in thousands]

Agency and subdivision	1991	1992	1993	1994	1995	1996
Department of Education .....	4,200	2,394	2,222	1,809	1,777	0
Department of Energy .....	1,220,120	1,320,787	1,461,533	911,771	745,069	705,895
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 .....	86,284	96,741	149,328	120,230	255,705	133,094
Admin for Children & Families .....	0	0	0	0	0	0
Administration on Aging .....	0	0	0	0	0	0
Agency for Healthcare Research and Quality <sup>3</sup> .....	0	0	0	0	0	0
Agency for Toxic Substances Disease & Registry <sup>4</sup> .....	NA	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration .....	0	NA	NA	NA	NA	NA
Centers for Disease Control & Prevention .....	0	0	0	0	0	0
Food & Drug Administration .....	18,435	14,309	19,700	8,350	5,349	5,515
Health Care Financing Admin .....	0	0	0	0	0	0
Health Resources Admin .....	NA	NA	NA	NA	NA	NA
Health Resources & Svcs Admin .....	0	325	1,404	1,400	1,575	700
Health Services Administration .....	NA	NA	NA	NA	NA	NA
Human Development Services .....	NA	NA	NA	NA	NA	NA
National Institutes of Health <sup>5</sup> .....	67,844	82,107	128,224	110,480	248,781	126,879
Off of the Asst Sec for Health .....	0	0	0	0	0	NA
Office of the Secretary, total .....	0	0	0	0	0	0
Office of the Asst Secretary, Planning & Evaluation .....	NA	NA	NA	NA	NA	0
Off of Public Hlth & Science .....	NA	NA	NA	NA	NA	0
Social Security Administration .....	5	0	0	0	0	NA
Substance Abuse & Mental Health Services Administration <sup>6</sup> .....	NA	NA	NA	NA	NA	0

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

**Table 5. Federal obligations 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 Dvlpmt .....	0	0	0	0	0	0
Department of the Interior, total .....	22,191	18,425	23,141	9,030	6,666	1,920
Bonneville Power Admin .....	NA	NA	NA	NA	NA	NA
Bureau of Land Management .....	0	0	0	0	0	0
Bureau of Mines .....	2,066	0	0	0	0	NA
Bureau of Reclamation .....	0	0	0	0	0	0
Federal Water Pollution Control Administration .....	NA	NA	NA	NA	NA	NA
Geological Survey .....	3,275	4,325	3,758	6,375	5,375	1,160
Heritage Conservation & Recreation Service .....	NA	NA	NA	NA	NA	NA
Minerals Management Service .....	250	1,000	1,083	1,238	992	760
National Biological Service .....	NA	NA	0	1,417	299	NA
National Park Service .....	0	0	0	0	0	0
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 .....	16,600	13,100	18,300	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 .....	0	0	0	0	0	0
Bureau of Prisons .....	0	0	0	0	0	0
Drug Enforcement Admin .....	0	0	0	0	0	0
Fed Bureau of Investigation .....	0	0	0	0	0	0
Immigration & Naturalization Service .....	0	0	0	0	0	0
Office of Justice Programs .....	0	0	0	0	0	0
Office of Legal Policy .....	0	0	0	0	0	0
Department of Labor, total .....	0	0	0	0	0	0
Bureau of Apprenticeship & Training .....	NA	NA	NA	NA	NA	NA
Bureau of Employment Security .....	NA	NA	NA	NA	NA	NA
Bureau of Labor Statistics .....	0	0	0	0	0	0
Employment Standards Admin .....	0	0	0	0	0	0
Employment & Training Admin .....	0	0	0	0	0	0
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 .....	0	0	0	0	0	0
Office of the Secretary .....	0	0	0	0	0	0
Pension & Welfare Benefits Administration .....	0	0	0	0	0	0
Pension Benefit Guaranty Corp .....	0	0	0	0	0	0
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 5. Federal obligations 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 .....	0	0	0	0	0	0
Agcy 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 .....	18,383	25,269	32,319	40,937	28,779	31,841
Coast Guard .....	400	400	500	520	525	525
Federal Aviation Admin .....	16,294	24,000	22,357	33,000	21,690	20,600
Federal Highway Administration .....	0	792	858	6,302	3,027	7,316
Federal Motor Carrier Safety Administration <sup>7</sup> .....	NA	NA	NA	NA	NA	NA
Federal Railroad Admin .....	1,689	77	1,604	1,115	3,537	3,400
Federal Transit Administration .....	0	0	7,000	0	0	0
Infrastructure Investment .....	NA	NA	NA	0	NA	NA
Maritime Administration .....	0	0	0	0	0	0
Materials Transportation Bureau .....	0	0	0	0	0	0
National Highway Traffic Safety Administration .....	0	0	0	0	0	0
Office of the Secretary .....	0	0	0	0	0	0
Rsch & Special Programs Admin .....	0	0	0	0	0	0
Department of the Treasury, total .....	125	125	152	154	155	156
Bureau of Alcohol, Tobacco, & Firearms .....	NA	NA	NA	NA	NA	NA
Bureau of Engraving & Printing .....	0	0	0	0	0	0
Financial Crimes Enforcement Network .....	0	0	0	0	0	0
Internal Revenue Service .....	0	0	0	0	0	0
Office of Thrift Supervision .....	0	0	0	0	0	0
United States Customs Service .....	100	100	125	125	125	125
United States Mint .....	0	0	0	0	0	0
United States Secret Service .....	25	25	27	29	30	31
Department of Veterans Affairs .....	3,400	5,700	3,350	11,700	7,200	3,789
Other agencies:						
ACTION .....	0	0	0	0	0	0
Advisory Commission on Intergovernmental Relations .....	0	0	0	0	0	NA
Appalachian Regional Commission .....	0	0	0	0	0	0
Atomic Energy Commission .....	NA	NA	NA	NA	NA	NA
Broadcasting Board of Governors <sup>8</sup> .....	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 .....	0	0	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 <sup>4</sup> .....	0	0	2,500	4,764	4,764	0
Fed Communications Commission .....	0	0	0	0	0	0
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 .....	0	0	0	0	0	0
Foundation for Ed Assistance .....	NA	NA	NA	NA	NA	NA
General Services Administration .....	22,624	6,451	983	267	5,069	110

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

**Table 5. Federal obligations 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 .....	0	0	0	0	0	0
Agcy for Internat'l Dvlpmt .....	0	0	0	0	0	0
Institute for Scientific & Technological Cooperation .....	0	0	0	0	0	0
Interstate Commerce Commission .....	0	0	0	0	0	0
Library of Congress .....	0	0	0	0	0	0
Nat'l Aeronautics & Space Admin <sup>9</sup> .....	723,573	817,795	749,363	515,255	624,800	417,400
Nat'l Archives & Records Admin .....	0	0	0	0	0	0
National Science Foundation .....	159,557	101,570	130,436	171,866	289,581	187,192
Nuclear Regulatory Commission .....	0	0	0	0	0	0
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 .....	1,491	3,826	5,000	5,000	5,000	5,000
Social Security Administration .....	NA	NA	NA	NA	NA	0
Special Action Office for Drug Abuse Prevention .....	NA	NA	NA	NA	NA	NA
Tennessee Valley Authority .....	4,777	3,238	1,000	0	0	0
United States Arms Control & Disarmament Agency <sup>10</sup> .....	0	0	0	0	0	0
United States Commission on Civil Rights .....	0	0	0	0	0	0
United States Information Agency <sup>11</sup> .....	0	0	0	0	0	0
United States International Trade Commission <sup>12</sup> .....	0	0	0	0	0	0

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

**Table 5. Federal obligations for R&D plant, by agency:  
fiscal years 1967-2002**

[Dollars in thousands]

Agency and subdivision	1997	1998	1999	2000	Preliminary	
					2001	2002
Total, all agencies .....	1,926,651	1,813,264	2,045,746	4,492,847	4,554,109	4,292,993
Departments:						
Department of Agriculture, total .....	184,160	89,788	131,086	86,635	99,651	105,562
Agricultural Cooperative Svc .....	NA	NA	NA	NA	NA	NA
Agricultural Marketing Service .....	0	0	0	0	0	0
Agricultural Research Service .....	118,945	86,302	118,512	74,635	84,651	90,562
Agricultural Stabilization & Conservation Service .....	NA	NA	NA	NA	NA	NA
Animal & Plant Health						
Inspection Service .....	0	0	0	0	0	0
Cooperative State Research, Ed, & Extension Service .....	63,215	886	574	0	0	0
Economic Research Service .....	0	0	0	0	0	0
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 .....	2,000	2,600	12,000	12,000	15,000	15,000
Grain Inspection Packers & Stockyards Administration .....	0	0	0	0	0	0
Human Nutrition Info Svc .....	NA	NA	NA	NA	NA	NA
Nat'l Agri Statistics Svc .....	0	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 .....	0	0	0	0	0	0
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 .....	43,353	21,372	19,603	200,517	60,741	20,893
Bureau of the Census .....	0	0	0	0	0	0
Economic Development Admin .....	0	0	0	0	0	0
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 .....	21,758	21,372	19,603	200,517	60,741	20,893
National Oceanic & Atmospheric Administration .....	21,595	0	0	0	0	0
Nat'l Technical Information Svc .....	0	0	0	0	0	0
National Telecommunications & Information Administration .....	0	0	0	0	0	0
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 5. Federal obligations 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 .....	85,494	65,763	107,566	48,153	123,674	89,100
Defense Agencies, total .....	5,253	1,079	20,160	5,114	6,672	68,873
Ballistic Missile Def Org .....	5,125	890	18,725	2,800	4,627	67,000
Chemical and Biological						
Defense <sup>1</sup> .....	NA	NA	NA	0	0	0
Def Adv Rsch Projects Agcy .....	0	0	0	0	0	0
Defense Info Systems Agcy .....	0	0	0	0	0	0
Defense Logistics Agency .....	128	189	104	0	0	0
Def Special Weapons Agcy .....	0	NA	NA	NA	NA	NA
Def Threat Reduction Agcy .....	NA	0	0	0	0	0
Joint Staff .....	0	0	0	0	0	0
Nat'l Imagery & Mapping Agcy .....	0	0	0	0	0	0
Special Operations Command .....	0	0	0	0	0	0
TRICARE Management Activity <sup>2</sup> .....	NA	NA	NA	0	0	0
Uniformed Services University of the Health Sciences .....	NA	NA	NA	NA	NA	NA
Washington Headquarters Services .....	0	0	1,331	2,314	2,045	1,873
Dept of the Air Force, total .....	39,052	26,195	47,164	5,497	6,164	4,594
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 .....	4,141	3,936	4,598	53	0	0
Department of the Army, Civil Functions .....	0	0	0	0	0	0
Department of the Army, Military Functions .....	4,141	3,936	4,598	53	0	0
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 .....	37,048	34,553	35,644	37,489	110,838	15,633
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 .....	0	0	0	0	0	0
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 5. Federal obligations 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 .....	0	0	0	0	0	0
Department of Energy .....	729,306	727,096	866,205	810,754	962,837	972,836
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 .....	260,069	286,276	252,818	219,588	237,410	414,220
Admin for Children & Families .....	0	0	0	0	0	0
Administration on Aging .....	0	0	0	0	0	0
Agency for Healthcare Research and Quality <sup>3</sup> .....	0	0	0	0	0	0
Agency for Toxic Substances Disease & Registry <sup>4</sup> .....	NA	NA	NA	0	0	0
Alcohol, Drug Abuse, & Mental Health Administration .....	NA	NA	NA	NA	NA	NA
Centers for Disease Control & Prevention .....	0	0	0	0	0	0
Food & Drug Administration .....	14,515	28,094	2,621	2,483	5,000	7,000
Health Care Financing Admin .....	0	0	0	0	0	0
Health Resources Admin .....	NA	NA	NA	NA	NA	NA
Health Resources & Svcs Admin .....	700	855	607	613	620	620
Health Services Administration .....	NA	NA	NA	NA	NA	NA
Human Development Services .....	NA	NA	NA	NA	NA	NA
National Institutes of Health <sup>5</sup> .....	244,854	257,327	249,590	216,492	231,790	406,600
Off of the Asst Sec for Health .....	NA	NA	NA	NA	NA	NA
Office of the Secretary, total .....	0	0	0	0	0	0
Office of the Asst Secretary, Planning & Evaluation .....	0	0	0	0	0	0
Off of Public Hlth & Science .....	0	0	0	0	0	0
Social Security Administration .....	NA	NA	NA	NA	NA	NA
Substance Abuse & Mental Health Services Administration <sup>6</sup> .....	0	0	0	0	0	0

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

**Table 5. Federal obligations for R&D plant, by agency:  
fiscal years 1967-2002**

[Dollars in thousands]

Agency and subdivision	1997	1998	1999	2000	Preliminary	
					2001	2002
Dept of Housing & Urban Dvlpmt .....	0	0	0	0	0	0
Department of the Interior, total .....	7,186	1,500	1,390	1,329	1,370	1,300
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 .....	0	0	0	0	0	0
Federal Water Pollution Control						
Administration .....	NA	NA	NA	NA	NA	NA
Geological Survey .....	4,960	0	0	0	0	0
Heritage Conservation & Recreation Service .....	NA	NA	NA	NA	NA	NA
Minerals Management Service .....	2,226	1,500	1,390	1,329	1,370	1,300
National Biological Service .....	NA	NA	NA	NA	NA	NA
National Park Service .....	0	0	0	0	0	0
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 .....	0	0	0	0	0	0
Bureau of Prisons .....	0	0	0	0	0	0
Drug Enforcement Admin .....	0	0	0	0	0	0
Fed Bureau of Investigation .....	0	0	0	0	0	0
Immigration & Naturalization Service .....	0	0	0	0	0	0
Office of Justice Programs .....	0	0	0	0	0	0
Office of Legal Policy .....	0	0	0	0	0	0
Department of Labor, total .....	0	0	0	0	0	0
Bureau of Apprenticeship & Training .....	NA	NA	NA	NA	NA	NA
Bureau of Employment Security .....	NA	NA	NA	NA	NA	NA
Bureau of Labor Statistics .....	0	0	0	0	0	0
Employment Standards Admin .....	0	0	0	0	0	0
Employment & Training Admin .....	0	0	0	0	0	0
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 .....	0	0	0	0	0	0
Office of the Secretary .....	0	0	0	0	0	0
Pension & Welfare Benefits Administration .....	0	0	0	0	0	0
Pension Benefit Guaranty Corp .....	0	0	0	0	0	0
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 5. Federal obligations 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
Department of State, total .....	0	0	0	0	0	0
Agcy 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 .....	19,036	17,617	14,567	11,875	15,004	17,328
Coast Guard .....	345	260	260	266	272	278
Federal Aviation Admin .....	17,200	14,290	14,290	11,494	12,609	15,725
Federal Highway Administration .....	923	2,000	0	0	0	0
Federal Motor Carrier Safety Administration <sup>7</sup> .....	NA	NA	NA	0	0	0
Federal Railroad Admin .....	568	1,067	17	115	2,123	1,325
Federal Transit Administration .....	0	0	0	0	0	0
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 .....	0	0	0	0	0	0
Office of the Secretary .....	0	0	0	0	0	0
Rsch & Special Programs Admin .....	0	0	0	0	0	0
Department of the Treasury, total .....	125	125	125	80	100	100
Bureau of Alcohol, Tobacco, & Firearms .....	NA	NA	NA	NA	NA	NA
Bureau of Engraving & Printing .....	0	0	0	0	0	0
Financial Crimes Enforcement Network .....	0	0	0	0	0	0
Internal Revenue Service .....	0	0	0	0	0	0
Office of Thrift Supervision .....	0	0	0	0	0	0
United States Customs Service .....	125	125	125	80	100	100
United States Mint .....	0	0	0	0	0	0
United States Secret Service .....	0	0	0	0	0	0
Department of Veterans Affairs .....	31,277	382	346	348	352	352
Other agencies:						
ACTION .....	0	0	0	0	0	0
Advisory Commission on Intergovernmental Relations .....	NA	NA	NA	NA	NA	NA
Appalachian Regional Commission .....	0	0	0	0	0	0
Atomic Energy Commission .....	NA	NA	NA	NA	NA	NA
Broadcasting Board of Governors <sup>8</sup> .....	NA	NA	NA	0	0	0
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 .....	0	0	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 <sup>4</sup> .....	25,000	66,000	116,000	21,000	34,000	21,000
Fed Communications Commission .....	0	0	0	0	0	0
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 .....	0	0	0	0	0	0
Foundation for Ed Assistance .....	NA	NA	NA	NA	NA	NA
General Services Administration .....	19	0	0	0	0	46

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

**Table 5. Federal obligations 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 .....	0	0	0	0	0	0
Agcy for Internat'l Dvlpmt .....	0	0	0	0	0	0
Institute for Scientific & Technological Cooperation .....	0	0	0	0	0	0
Interstate Commerce Commission .....	0	0	0	0	0	0
Library of Congress .....	0	0	0	0	0	0
Nat'l Aeronautics & Space Admin <sup>9</sup> .....	333,800	350,000	359,500	2,873,000	2,752,000	2,437,000
Nat'l Archives & Records Admin .....	0	0	0	0	0	0
National Science Foundation .....	203,826	184,345	173,540	216,568	262,970	209,256
Nuclear Regulatory Commission .....	0	0	0	0	0	0
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 .....	4,000	3,000	3,000	3,000	4,000	4,000
Social Security Administration .....	0	0	0	0	0	0
Special Action Office for Drug Abuse Prevention .....	NA	NA	NA	NA	NA	NA
Tennessee Valley Authority .....	0	0	0	0	0	0
United States Arms Control & Disarmament Agency <sup>10</sup> .....	0	0	0	0	0	0
United States Commission on Civil Rights .....	0	0	0	0	0	0
United States Information Agency <sup>11</sup> .....	0	0	0	NA	NA	NA
United States International Trade Commission <sup>12</sup> .....	0	0	0	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