

Table 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Page 1 of 36

Agency and subdivision	1967	1968	1969	1970	1971	1972
Total, all agencies	17,149,186	16,525,038	16,309,900	15,863,385	16,153,756	17,097,951
Departments:						
Department of Agriculture, total	260,878	271,877	270,754	286,407	310,006	357,376
Agricultural Cooperative Svc	NA	NA	NA	NA	NA	NA
Agricultural Marketing Service	NA	NA	NA	NA	NA	0
Agricultural Research Service	NA	NA	NA	NA	NA	NA
Agricultural Stabilization & Conservation Service	0	0	0	0	0	0
Animal & Plant Health						
Inspection Service	NA	NA	NA	NA	NA	NA
Cooperative State Research, Ed, & Extension Service	NA	NA	NA	NA	NA	NA
Economic Research Service	NA	NA	NA	NA	NA	NA
Economics, Statistics, & Cooperative Svc, total	13,106	13,925	14,620	16,473	17,261	17,810
Economic Research Service	12,376	12,564	13,207	14,904	15,534	16,003
Farmer Cooperative Service	730	770	802	884	1,017	1,066
Statistical Reporting Svc	0	591	611	685	710	741
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	37,836	40,312	38,969	43,719	47,064	58,711
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	573	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	209,363	217,640	217,165	226,215	245,681	280,855
Agricultural Research Svc	151,074	158,940	158,484	163,955	177,528	198,043
Cooperative State Rsch Svc	57,771	58,318	58,289	62,052	67,762	82,584
Nat'l Agricultural Library	518	382	392	208	391	228
Department of Commerce, total	78,935	88,145	75,276	125,454	152,886	194,684
Bureau of the Census	2,466	2,287	2,344	3,038	4,113	3,900
Economic Development Admin	16,217	20,308	5,307	8,762	4,630	6,578
Env Science Svcs Admin	21,921	25,224	26,936	NA	NA	NA
Maritime Administration	7,226	9,086	8,132	12,551	24,326	22,864
Minority Business Dvlpmt Agcy	2,778	2,919	3,075	3,505	0	505
National Fire Prevention & Control Administration	NA	NA	NA	NA	NA	NA
Nat'l Inst of Standards & Tech	27,903	27,852	29,062	30,769	33,779	36,557
National Oceanic & Atmospheric Administration	0	0	0	66,432	83,354	120,095
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	2,107	3,563
Patent & Trademark Office	424	469	420	397	577	622
United States Travel & Tourism Administration	0	0	0	0	0	0

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

Table 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Page 2 of 36

Agency and subdivision	1967	1968	1969	1970	1971	1972
Department of Defense, total	8,135,857	7,907,667	7,890,028	7,500,949	7,662,706	8,492,867
Defense Agencies, total	479,534	503,544	454,588	484,600	458,820	500,433
Ballistic Missile Def Org	NA	NA	NA	NA	NA	NA
Chemical and Biological Defense ¹	NA	NA	NA	NA	NA	NA
Def Adv Rsch Projects Agcy	NA	NA	NA	NA	NA	NA
Defense Info Systems Agcy	NA	NA	NA	NA	NA	NA
Defense Logistics Agency	NA	NA	NA	NA	NA	NA
Def Special Weapons Agcy	NA	NA	NA	NA	NA	NA
Def Threat Reduction Agcy	NA	NA	NA	NA	NA	NA
Joint Staff	NA	NA	NA	NA	NA	NA
Nat'l Imagery & Mapping Agcy	NA	NA	NA	NA	NA	NA
Special Operations Command	NA	NA	NA	NA	NA	NA
TRICARE Management Activity ²	NA	NA	NA	NA	NA	NA
Uniformed Services University of the Health Sciences	NA	NA	NA	NA	NA	NA
Washington Headquarters Services	NA	NA	NA	NA	NA	NA
Dept of the Air Force, total	3,819,919	3,724,498	3,604,184	3,049,117	3,163,195	3,325,086
DT&E Support from Operations & Maintenance	10,796	1,762	0	0	0	0
DT&E Support from Procurement Appropriations	28,085	30,330	16,296	0	0	0
Housing for Military Personnel in R&D	0	9,416	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	184,891	164,727	181,058	202,477	201,022	206,157
RDT&E Appropriation	3,570,536	3,494,957	3,370,272	2,838,557	2,947,038	3,096,742
Special Foreign Currency Program	0	0	0	63	0	0
Department of the Army, total	1,703,274	1,593,903	1,666,515	1,687,021	1,725,978	2,103,651
Department of the Army, Civil Functions	7,934	9,083	9,797	9,885	8,843	11,070
Department of the Army, Military Functions	1,695,340	1,584,820	1,656,718	1,677,136	1,717,135	2,092,581
Housing for Military Personnel in R&D	0	1,249	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	61,611	69,550	56,700	79,352	65,276	77,913
RDT&E Appropriation	1,585,914	1,495,721	1,584,002	1,576,306	1,617,504	1,985,645
Special Foreign Currency Program	0	0	0	0	0	0
Support from Procurement Appropriations	5,863	0	0	0	0	0
Department of the Navy, total	2,122,494	2,078,402	2,159,715	2,276,120	2,311,686	2,559,735
DT&E Support from Operations & Maintenance	11,507	9,028	0	0	0	0
DT&E Support from Procurement Appropriations	58,124	2,049	0	0	0	0
Housing for Military Personnel in R&D	0	8,560	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	61,422	61,558	51,699	73,400	64,272	67,884
RDT&E Appropriation	1,977,089	1,976,580	2,090,342	2,190,966	2,240,164	2,485,028
Special Foreign Currency Program	746	0	0	1,146	923	1,448
Def Civil Preparedness Agcy	10,636	7,320	5,026	4,091	3,027	3,962
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 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Agency and subdivision	1967	1968	1969	1970	1971	1972
Department of Education	NA	NA	NA	NA	NA	NA
Department of Energy	NA	NA	NA	NA	NA	NA
Dept of Health, Education, & Welfare, total	1,207,182	1,298,516	1,350,208	1,252,185	1,493,433	1,806,069
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	101,270	85,245	67,121	0	0	0
Food & Drug Administration	11,329	0	8,467	21,805	25,643	30,384
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	101,406	157,365	187,066	188,412	223,520	249,800
National Inst of Education	0	0	0	0	0	0
National Institutes of Health	858,739	909,318	919,789	893,192	1,055,293	1,321,104
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	2,000	11,152	17,200
Office of Education	84,897	91,622	115,652	99,472	132,827	130,178
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	45,929	49,455	44,800	34,935	34,065	43,760
Social Security Administration	3,612	5,511	7,313	12,369	10,933	13,643
Department of Health & Human Services, total	NA	NA	NA	NA	NA	NA
Admin for Children & Families	NA	NA	NA	NA	NA	NA
Administration on Aging	NA	NA	NA	NA	NA	NA
Agency for Healthcare Research and Quality ³	NA	NA	NA	NA	NA	NA
Agency for Toxic Substances Disease & Registry ⁴	NA	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	NA	NA	NA	NA
Centers for Disease Control & Prevention	NA	NA	NA	NA	NA	NA
Food & Drug Administration	NA	NA	NA	NA	NA	NA
Health Care Financing Admin	NA	NA	NA	NA	NA	NA
Health Resources Admin	NA	NA	NA	NA	NA	NA
Health Resources & Svcs Admin	NA	NA	NA	NA	NA	NA
Health Services Administration	NA	NA	NA	NA	NA	NA
Human Development Services	NA	NA	NA	NA	NA	NA
National Institutes of Health ⁵	NA	NA	NA	NA	NA	NA
Off of the Asst Sec for Health	NA	NA	NA	NA	NA	NA
Office of the Secretary, total	NA	NA	NA	NA	NA	NA
Office of the Asst Secretary, Planning & Evaluation	NA	NA	NA	NA	NA	NA
Off of Public Hlth & Science	NA	NA	NA	NA	NA	NA
Social Security Administration	NA	NA	NA	NA	NA	NA
Substance Abuse & Mental Health Services Administration ⁶	NA	NA	NA	NA	NA	NA

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

Table 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Agency and subdivision	1967	1968	1969	1970	1971	1972
Dept of Housing & Urban Dvlpmt	13,380	15,500	18,213	29,940	47,712	49,090
Department of the Interior, total	202,718	217,512	221,800	167,416	200,020	232,474
Bonneville Power Admin	1,262	1,351	2,311	2,098	2,914	3,226
Bureau of Land Management	716	754	743	732	779	816
Bureau of Mines	34,412	34,244	35,018	46,457	60,300	70,888
Bureau of Reclamation	5,860	7,120	7,228	7,310	9,227	10,179
Federal Water Pollution Control Administration	43,735	42,814	35,441	NA	NA	NA
Geological Survey	32,131	34,540	35,310	39,861	41,931	51,570
Heritage Conservation & Recreation Service	105	106	231	92	185	35
Minerals Management Service	NA	NA	NA	NA	NA	NA
National Biological Service	NA	NA	NA	NA	NA	NA
National Park Service	2,571	2,669	2,606	0	1,141	1,293
National Resources Library	NA	NA	NA	NA	NA	NA
Office of Coal Research	8,557	11,856	13,533	13,493	18,750	32,367
Office of the Secretary	0	0	0	0	153	1,425
Office of Surface Mining Reclamation & Enforcement	0	0	0	0	0	0
Office of Water Research & Technology, total	33,702	37,059	35,901	36,914	41,355	38,262
Office of Saline Water	26,793	26,436	25,235	26,164	28,940	24,910
Off of Water Resources Rsch	6,909	10,623	10,666	10,750	12,415	13,352
United States Fish & Wildlife Service, total	39,667	44,999	53,478	20,459	23,285	22,413
Bureau of Commercial Fisheries	26,957	30,026	32,607	NA	NA	NA
Bureau of Sport Fisheries & Wildlife	12,710	14,973	20,871	NA	NA	NA
Department of Justice, total	216	999	4,827	8,590	10,321	23,379
Bureau of Prisons	0	141	244	200	358	469
Drug Enforcement Admin	0	743	608	839	1,495	1,200
Fed Bureau of Investigation	216	115	270	197	968	710
Immigration & Naturalization Service	0	0	0	0	0	0
Office of Justice Programs	0	0	3,705	7,354	7,500	21,000
Office of Legal Policy	0	0	0	0	0	0
Department of Labor, total	11,951	11,840	12,242	20,587	22,812	23,118
Bureau of Apprenticeship & Training	194	124	0	0	0	0
Bureau of Employment Security	1,624	0	0	0	0	0
Bureau of Labor Statistics	3,468	3,413	3,752	3,815	3,756	4,755
Employment Standards Admin	249	544	1,950	2,216	1,501	1,609
Employment & Training Admin	5,030	4,970	6,399	14,266	16,503	15,607
Labor-Management Relations & Cooperative Programs	NA	NA	NA	NA	NA	NA
Labor-Management Svcs Admin	117	1,218	141	290	547	690
Occupational Safety & Health Administration	0	0	0	0	326	229
Office of the Secretary	0	118	0	0	179	228
Pension & Welfare Benefits Administration	NA	NA	NA	NA	NA	NA
Pension Benefit Guaranty Corp	NA	NA	NA	NA	NA	NA
Wage & Hour Division	1,269	1,453	0	0	0	0
Post Office Department	11,749	16,092	19,471	38,702	NA	NA

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

Table 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Page 5 of 36

Agency and subdivision	1967	1968	1969	1970	1971	1972
Department of State, total	10,362	10,291	20,565	27,616	38,996	29,183
Agy for Internat'l Dvlpmt	9,932	9,738	19,689	27,346	38,646	28,633
Bureau of Intelligence & Rsch	125	125	0	0	0	0
Departmental Funds	0	0	125	125	350	550
Peace Corps	305	428	751	145	0	0
Dept of Transportation, total	292,613	179,798	237,465	333,278	507,992	336,283
Coast Guard	8,278	15,419	16,999	18,671	23,186	38,963
Federal Aviation Admin	235,737	108,683	140,936	56,327	347,367	102,378
Federal Highway Administration	32,243	37,933	40,683	32,947	27,138	20,841
Federal Motor Carrier Safety Administration ⁷	NA	NA	NA	NA	NA	NA
Federal Railroad Admin	14,027	15,962	15,543	16,386	25,331	36,634
Federal Transit Administration	0	0	18,500	19,979	42,989	63,938
Infrastructure Investment	NA	NA	NA	NA	NA	NA
Maritime Administration	NA	NA	NA	NA	NA	NA
Materials Transportation Bureau	0	0	0	0	0	0
National Highway Traffic Safety Administration	0	0	0	19,492	26,731	49,979
Office of the Secretary	2,328	1,801	4,804	169,476	15,250	23,550
Rsch & Special Programs Admin	NA	NA	NA	NA	NA	NA
Department of the Treasury, total	615	838	640	625	819	1,266
Bureau of Alcohol, Tobacco, & Firearms	0	0	0	0	0	0
Bureau of Engraving & Printing	615	838	640	625	819	1,266
Financial Crimes Enforcement Network	0	0	0	0	0	0
Internal Revenue Service	0	0	0	0	0	0
Office of Thrift Supervision	NA	NA	NA	NA	NA	NA
United States Customs Service	0	0	0	0	0	0
United States Mint	0	0	0	0	0	0
United States Secret Service	NA	NA	NA	NA	NA	NA
Department of Veterans Affairs	45,887	47,998	54,330	61,246	77,902	71,326
Other agencies:						
ACTION	0	0	0	0	103	0
Advisory Commission on Intergovernmental Relations	130	282	358	553	544	699
Appalachian Regional Commission	0	0	0	0	2,980	NA
Atomic Energy Commission	1,484,925	1,534,262	1,708,453	1,611,889	1,615,169	1,544,388
Broadcasting Board of Governors ⁸	NA	NA	NA	NA	NA	NA
Civil Aeronautics Board	0	0	0	0	0	0
Civil Service Commission	118	262	246	448	550	1,026
Community Services Admin	NA	NA	NA	NA	NA	NA
Consumer Product Safety Comm	0	0	0	0	0	0
Energy Research & Dvlpmt Admin	0	0	0	0	0	0
Energy Security Trust Fund	NA	NA	NA	NA	NA	NA
Environmental Protection Agency ⁴	0	0	0	90,463	137,805	123,026
Fed Communications Commission	410	899	883	1,025	635	755
Federal Emergency Management Agency, total	NA	NA	NA	NA	NA	NA
Def Civil Preparedness Agcy	NA	NA	NA	NA	NA	NA
National Fire Prevention & Control Administration	NA	NA	NA	NA	NA	NA
Federal Energy Administration	0	0	0	0	0	0
Federal Trade Commission	330	350	463	388	440	607
Foundation for Ed Assistance	NA	NA	NA	NA	NA	NA
General Services Administration	0	170	323	325	196	252

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

Table 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Page 6 of 36

Agency and subdivision	1967	1968	1969	1970	1971	1972
International Development						
Cooperation Agency, total	NA	NA	NA	NA	NA	NA
Agcy for Internat'l Dvlpmt	NA	NA	NA	NA	NA	NA
Institute for Scientific & Technological Cooperation	0	0	0	0	0	0
Interstate Commerce Commission	0	0	0	0	0	0
Library of Congress	689	1,424	1,840	1,932	2,454	2,301
Nat'l Aeronautics & Space Admin ⁹	4,987,761	4,494,433	4,018,099	3,833,362	3,298,166	3,202,455
Nat'l Archives & Records Admin	NA	NA	NA	NA	NA	NA
National Science Foundation	327,875	350,318	300,679	312,313	364,794	473,463
Nuclear Regulatory Commission	NA	NA	NA	NA	NA	NA
Office of Economic Opportunity	44,217	44,076	70,563	123,383	133,958	92,732
Office of Emergency Preparedness	553	770	533	1,016	577	515
Office of Personnel Management	NA	NA	NA	NA	NA	NA
Office of Science & Technology	1,200	1,550	1,797	1,858	2,030	2,038
Off of Telecommunications Policy	0	0	0	0	177	1,169
Office of Thrift Supervision	299	433	347	390	395	492
Postal Service	NA	NA	NA	NA	40,415	0
Small Business Administration	144	177	153	101	0	0
Smithsonian Institution	13,911	13,996	14,791	18,274	15,082	21,271
Social Security Administration	NA	NA	NA	NA	NA	NA
Special Action Office for Drug Abuse Prevention	0	0	0	0	0	0
Tennessee Valley Authority	7,199	7,936	8,413	8,191	9,853	11,628
United States Arms Control & Disarmament Agency ¹⁰	6,770	6,525	6,015	4,245	1,708	1,899
United States Commission on Civil Rights	0	0	0	0	0	0
United States Information Agency ¹¹	312	102	125	234	120	120
United States International Trade Commission ¹²	0	0	0	0	0	0

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

Table 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Page 7 of 36

Agency and subdivision	1973	1974	1975	1976	1977	1978
Total, all agencies	17,574,486	18,176,457	19,859,548	21,616,382	24,817,577	27,140,849
Departments:						
Department of Agriculture, total	369,401	387,540	427,879	478,591	559,871	645,947
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	18,860	20,102	23,630	27,040	30,490	32,700
Economic Research Service	16,937	18,140	21,307	23,962	NA	NA
Farmer Cooperative Service	1,185	1,350	1,156	1,205	NA	NA
Statistical Reporting Svc	738	612	1,167	1,873	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	59,632	69,620	81,499	82,846	92,054	108,291
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	290,909	297,818	322,750	368,705	437,327	504,956
Agricultural Research Svc	201,228	208,254	221,603	255,308	310,062	347,532
Cooperative State Rsch Svc	89,406	89,421	101,141	113,389	127,265	157,424
Nat'l Agricultural Library	275	143	6	8	NA	NA
Department of Commerce, total	198,454	192,159	224,915	235,484	251,811	287,729
Bureau of the Census	1,006	1,026	1,013	2,494	2,634	3,441
Economic Development Admin	6,345	4,089	10,339	15,071	15,000	38,544
Env Science Svcs Admin	NA	NA	NA	NA	NA	NA
Maritime Administration	25,875	25,871	23,902	21,179	19,700	20,600
Minority Business Dvlpmt Agcy	2,096	956	4,588	2,027	3,438	0
National Fire Prevention & Control Administration	NA	NA	3,598	6,432	6,576	NA
Nat'l Inst of Standards & Tech	38,938	41,069	44,573	47,940	53,905	59,095
National Oceanic & Atmospheric Administration	119,281	117,014	135,083	139,071	147,200	163,725
Nat'l Technical Information Svc	NA	NA	0	0	0	0
National Telecommunications & Information Administration	NA	NA	NA	NA	2,900	1,808
Office of Productivity, Technology, & Innovation	NA	NA	NA	NA	NA	NA
Office of the Secretary	0	0	0	0	0	0
Office of Telecommunications	3,487	1,640	1,319	896	NA	NA
Patent & Trademark Office	624	494	500	374	458	516
United States Travel & Tourism Administration	802	0	0	0	0	0

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

Table 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Page 8 of 36

Agency and subdivision	1973	1974	1975	1976	1977	1978
Department of Defense, total	8,550,571	8,589,516	9,179,602	9,798,145	11,408,951	11,786,238
Defense Agencies, total	457,068	464,140	497,391	573,947	659,541	724,486
Ballistic Missile Def Org	NA	NA	NA	NA	NA	NA
Chemical and Biological Defense ¹	NA	NA	NA	NA	NA	NA
Def Adv Rsch Projects Agcy	NA	NA	NA	NA	NA	NA
Defense Info Systems Agcy	NA	NA	NA	NA	NA	NA
Defense Logistics Agency	NA	NA	NA	NA	NA	NA
Def Special Weapons Agcy	NA	NA	NA	NA	NA	NA
Def Threat Reduction Agcy	NA	NA	NA	NA	NA	NA
Joint Staff	NA	NA	NA	NA	NA	NA
Nat'l Imagery & Mapping Agcy	NA	NA	NA	NA	NA	NA
Special Operations Command	NA	NA	NA	NA	NA	NA
TRICARE Management Activity ²	NA	NA	NA	NA	NA	NA
Uniformed Services University of the Health Sciences	NA	NA	NA	NA	NA	NA
Washington Headquarters Services	NA	NA	NA	NA	NA	NA
Dept of the Air Force, total	3,344,093	3,283,941	3,573,144	3,799,627	4,381,095	4,422,449
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	210,607	216,393	241,547	245,100	243,700	261,687
RDT&E Appropriation	3,115,468	3,052,653	3,313,167	3,516,527	3,825,195	4,103,439
Special Foreign Currency Program	0	0	0	0	0	0
Department of the Army, total	2,030,685	2,041,974	1,920,691	2,025,976	2,458,166	2,556,527
Department of the Army, Civil Functions	10,104	11,400	12,820	28,573	23,855	26,523
Department of the Army, Military Functions	2,020,581	2,030,574	1,907,871	1,997,403	2,434,311	2,530,004
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	84,656	88,149	86,708	86,900	88,800	88,787
RDT&E Appropriation	1,928,071	1,918,763	1,805,518	1,906,103	2,330,811	2,433,617
Special Foreign Currency Program	0	0	0	0	0	0
Support from Procurement Appropriations	0	0	0	0	0	0
Department of the Navy, total	2,690,458	2,772,553	3,162,843	3,373,805	3,878,610	4,046,716
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	86,331	84,884	90,561	81,100	80,700	83,742
RDT&E Appropriation	2,590,072	2,674,350	3,042,674	3,279,000	3,776,641	3,953,239
Special Foreign Currency Program	3,555	2,000	2,127	2,905	2,769	2,235
Def Civil Preparedness Agcy	3,191	2,692	1,668	700	1,300	7,500
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	25,076	24,216	23,865	24,090	30,239	28,560

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

Table 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Agency and subdivision	1973	1974	1975	1976	1977	1978
Department of Education	NA	NA	NA	NA	NA	NA
Department of Energy	NA	NA	NA	NA	4,097,237	4,935,504
Dept of Health, Education, & Welfare, total	1,879,149	2,331,036	2,436,527	2,616,665	2,955,937	3,281,527
Alcohol, Drug Abuse, & Mental Health Administration	122,191	155,616	139,425	139,455	152,987	180,160
Center for Disease Control	38,606	44,942	42,564	49,596	55,273	60,084
Environmental Health Service	0	0	0	0	0	0
Food & Drug Administration	30,428	43,954	36,609	37,954	43,665	65,049
Health Care Financing Admin	NA	NA	NA	NA	29,998	19,400
Health Resources Admin	52,684	55,821	43,326	38,155	7,410	5,491
Health Services Administration	13,167	12,458	17,321	17,513	17,653	18,219
Hlth Svcs & Mental Health Admin	0	0	0	0	0	0
National Inst of Education	106,845	75,691	69,868	63,716	64,884	89,541
National Institutes of Health	1,355,484	1,777,273	1,918,228	2,092,472	2,411,706	2,654,220
Off of Asst Sec for Education	0	0	550	1,037	1,037	1,316
Off of the Asst Sec for Health	0	0	0	0	32,233	36,190
Office of Child Development	0	0	0	0	0	0
Office of Education	58,275	51,527	45,859	58,209	31,085	32,915
Office of Human Dvlpmt Svcs	28,768	52,993	64,340	61,874	76,789	75,841
Office of International Health	703	2,708	NA	NA	NA	NA
Office of the Secretary	0	29,755	26,229	23,704	20,000	30,201
Social & Rehabilitation Svc	53,514	8,876	9,648	18,580	NA	NA
Social Security Administration	18,484	19,422	22,560	14,400	11,217	12,900
Department of Health & Human Services, total	NA	NA	NA	NA	NA	NA
Admin for Children & Families	NA	NA	NA	NA	NA	NA
Administration on Aging	NA	NA	NA	NA	NA	NA
Agency for Healthcare Research and Quality ³	NA	NA	NA	NA	NA	NA
Agency for Toxic Substances Disease & Registry ⁴	NA	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	NA	NA	NA	NA
Centers for Disease Control & Prevention	NA	NA	NA	NA	NA	NA
Food & Drug Administration	NA	NA	NA	NA	NA	NA
Health Care Financing Admin	NA	NA	NA	NA	NA	NA
Health Resources Admin	NA	NA	NA	NA	NA	NA
Health Resources & Svcs Admin	NA	NA	NA	NA	NA	NA
Health Services Administration	NA	NA	NA	NA	NA	NA
Human Development Services	NA	NA	NA	NA	NA	NA
National Institutes of Health ⁵	NA	NA	NA	NA	NA	NA
Off of the Asst Sec for Health	NA	NA	NA	NA	NA	NA
Office of the Secretary, total	NA	NA	NA	NA	NA	NA
Office of the Asst Secretary, Planning & Evaluation	NA	NA	NA	NA	NA	NA
Off of Public Hlth & Science	NA	NA	NA	NA	NA	NA
Social Security Administration	NA	NA	NA	NA	NA	NA
Substance Abuse & Mental Health Services Administration ⁶	NA	NA	NA	NA	NA	NA

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

Table 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Page 10 of 36

Agency and subdivision	1973	1974	1975	1976	1977	1978
Dept of Housing & Urban Dvlpmt	57,829	64,777	62,028	67,575	52,104	69,723
Department of the Interior, total	265,783	194,522	307,200	339,112	319,654	373,985
Bonneville Power Admin	3,027	2,452	6,072	7,066	0	0
Bureau of Land Management	722	663	764	729	881	1,228
Bureau of Mines	77,507	66,107	107,627	131,300	105,344	121,079
Bureau of Reclamation	9,683	7,399	7,774	8,301	9,914	11,236
Federal Water Pollution Control Administration	NA	NA	NA	NA	NA	NA
Geological Survey	67,282	66,619	106,616	110,324	117,468	133,656
Heritage Conservation & Recreation Service	24	20	20	20	20	NA
Minerals Management Service	NA	NA	NA	NA	NA	NA
National Biological Service	NA	NA	NA	NA	NA	NA
National Park Service	1,547	2,460	8,404	9,300	7,800	7,700
National Resources Library	NA	NA	0	0	NA	NA
Office of Coal Research	46,385	NA	NA	NA	NA	NA
Office of the Secretary	21,322	515	1,693	1,045	4,536	1,738
Office of Surface Mining Reclamation & Enforcement	NA	NA	NA	NA	0	2,194
Office of Water Research & Technology, total	13,346	22,834	19,465	19,011	15,967	27,984
Office of Saline Water	NA	NA	NA	NA	NA	NA
Off of Water Resources Rsch	13,346	NA	NA	NA	NA	NA
United States Fish & Wildlife Service, total	24,938	25,453	48,765	52,016	57,724	67,170
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	33,199	34,684	44,330	33,859	27,650	60,919
Bureau of Prisons	542	523	635	761	1,145	3,585
Drug Enforcement Admin	1,553	4,971	1,514	2,500	3,000	1,900
Fed Bureau of Investigation	739	1,880	1,197	1,245	1,400	1,825
Immigration & Naturalization Service	0	0	59	133	296	378
Office of Justice Programs	30,365	27,310	40,925	29,220	21,809	51,600
Office of Legal Policy	0	0	0	0	0	1,631
Department of Labor, total	19,943	23,775	25,376	28,533	29,565	97,835
Bureau of Apprenticeship & Training	NA	NA	NA	NA	NA	NA
Bureau of Employment Security	NA	NA	NA	NA	NA	NA
Bureau of Labor Statistics	998	1,662	1,830	1,308	1,372	1,238
Employment Standards Admin	1,335	891	3,240	4,268	4,446	3,737
Employment & Training Admin	14,607	16,107	15,476	17,545	16,755	86,599
Labor-Management Relations & Cooperative Programs	NA	NA	NA	NA	NA	NA
Labor-Management Svcs Admin	892	1,232	814	731	3,306	2,761
Occupational Safety & Health Administration	893	1,399	2,028	2,900	3,441	1,300
Office of the Secretary	1,218	2,484	1,988	1,781	245	2,200
Pension & Welfare Benefits Administration	NA	NA	NA	NA	NA	NA
Pension Benefit Guaranty Corp	NA	NA	NA	NA	NA	NA
Wage & Hour Division	0	0	0	0	0	0
Post Office Department	NA	NA	NA	NA	NA	NA

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

Table 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Page 11 of 36

Agency and subdivision	1973	1974	1975	1976	1977	1978
Department of State, total	26,611	22,892	27,890	44,499	77,576	85,398
Agy for Internat'l Dvlpmt	25,122	21,429	26,653	42,888	75,296	82,550
Bureau of Intelligence & Rsch	0	0	0	0	0	0
Departmental Funds	1,489	1,463	1,237	1,611	2,280	2,848
Peace Corps	0	0	0	0	0	0
Dept of Transportation, total	348,885	383,153	324,818	308,700	377,104	422,350
Coast Guard	44,766	26,625	16,495	12,800	19,500	24,400
Federal Aviation Admin	80,955	125,379	109,024	100,100	106,400	111,500
Federal Highway Administration	23,702	41,234	45,141	29,300	55,900	52,100
Federal Motor Carrier Safety Administration ⁷	NA	NA	NA	NA	NA	NA
Federal Railroad Admin	46,890	37,357	39,387	60,500	58,500	65,700
Federal Transit Administration	74,386	69,248	49,432	48,800	61,600	69,600
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	54,604	53,562	34,018	31,400	47,200	66,500
Office of the Secretary	23,582	29,748	31,321	25,800	28,004	31,650
Rsch & Special Programs Admin	NA	NA	NA	NA	0	900
Department of the Treasury, total	1,013	1,139	1,689	3,842	4,880	9,901
Bureau of Alcohol, Tobacco, & Firearms	0	0	0	0	1,105	1,974
Bureau of Engraving & Printing	1,013	1,139	1,689	2,782	2,500	3,700
Financial Crimes Enforcement Network	0	0	0	0	0	0
Internal Revenue Service	0	0	0	0	0	2,400
Office of Thrift Supervision	NA	NA	NA	NA	NA	NA
United States Customs Service	0	0	0	1,060	1,275	1,827
United States Mint	0	0	0	0	0	0
United States Secret Service	NA	NA	NA	NA	NA	NA
Department of Veterans Affairs	84,602	86,926	97,026	109,504	112,895	118,087
Other agencies:						
ACTION	0	241	167	75	470	1,633
Advisory Commission on Intergovernmental Relations	858	1,135	1,238	1,026	1,526	1,685
Appalachian Regional Commission	NA	NA	NA	719	662	460
Atomic Energy Commission	1,712,301	NA	NA	NA	NA	NA
Broadcasting Board of Governors ⁸	NA	NA	NA	NA	NA	NA
Civil Aeronautics Board	0	0	0	0	0	0
Civil Service Commission	2,372	3,085	4,392	4,049	3,905	NA
Community Services Admin	NA	21,723	23,098	10,236	23,987	24,300
Consumer Product Safety Comm	325	4,257	7,859	5,773	6,728	4,120
Energy Research & Dvlpmt Admin	0	1,881,567	2,439,872	2,902,630	NA	NA
Energy Security Trust Fund	NA	NA	NA	NA	NA	NA
Environmental Protection Agency ⁴	205,054	170,456	259,727	265,394	297,560	389,259
Fed Communications Commission	1,120	919	1,132	1,534	2,043	2,400
Federal Emergency Management Agency, total	NA	NA	NA	NA	NA	6,958
Def Civil Preparedness Agcy	NA	NA	NA	NA	NA	NA
National Fire Prevention & Control Administration	NA	NA	NA	NA	NA	6,958
Federal Energy Administration	0	0	1,301	2,997	NA	NA
Federal Trade Commission	670	932	934	850	1,111	1,356
Foundation for Ed Assistance	NA	NA	NA	NA	NA	NA
General Services Administration	517	1,783	1,828	1,092	915	2,666

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

Table 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Page 12 of 36

Agency and subdivision	1973	1974	1975	1976	1977	1978
International Development						
Cooperation Agency, total	NA	NA	NA	NA	NA	NA
Agcy for Internat'l Dvlpmt	NA	NA	NA	NA	NA	NA
Institute for Scientific & Technological Cooperation	0	0	0	0	0	0
Interstate Commerce Commission	0	0	0	123	64	250
Library of Congress	2,598	2,163	2,575	2,963	3,800	4,900
Nat'l Aeronautics & Space Admin ⁹	3,130,212	3,100,528	3,207,068	3,528,960	3,288,879	3,495,600
Nat'l Archives & Records Admin	NA	NA	NA	NA	NA	NA
National Science Foundation	537,000	568,084	618,075	661,833	724,098	788,475
Nuclear Regulatory Commission	NA	46,148	67,193	98,055	119,432	140,823
Office of Economic Opportunity	87,795	NA	NA	NA	NA	NA
Office of Emergency Preparedness	NA	NA	NA	NA	NA	NA
Office of Personnel Management	NA	NA	NA	NA	NA	4,474
Office of Science & Technology	NA	NA	NA	NA	NA	NA
Off of Telecommunications Policy	616	275	4,147	4,581	NA	NA
Office of Thrift Supervision	530	664	663	782	1,665	977
Postal Service	0	0	0	0	0	0
Small Business Administration	0	0	172	52	466	0
Smithsonian Institution	24,141	25,152	25,183	26,220	29,835	35,101
Social Security Administration	NA	NA	NA	NA	NA	NA
Special Action Office for Drug Abuse Prevention	12,016	11,112	3,802	NA	NA	NA
Tennessee Valley Authority	18,833	22,905	28,753	28,887	30,205	53,377
United States Arms Control & Disarmament Agency ¹⁰	1,975	1,100	1,005	1,440	2,238	3,646
United States Commission on Civil Rights	0	0	0	0	0	0
United States Information Agency ¹¹	113	109	84	102	104	127
United States International Trade Commission ¹²	0	0	0	1,500	2,649	3,119

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

Table 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Agency and subdivision	1979	1980	1981	1982	1983	1984
Total, all agencies	29,620,597	31,386,095	34,589,634	37,822,363	40,009,032	44,012,149
Departments:						
Department of Agriculture, total	685,660	744,457	794,708	818,743	881,459	905,392
Agricultural Cooperative Svc	NA	1,634	1,739	1,704	2,145	2,243
Agricultural Marketing Service	967	1,277	1,127	1,245	1,416	1,468
Agricultural Research Service	NA	NA	411,635	426,012	466,800	480,100
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	199,383	219,032	242,287	245,748
Economic Research Service	NA	NA	39,343	39,270	38,777	43,672
Economics, Statistics, & Cooperative Svc, total	35,500	NA	NA	NA	NA	NA
Economic Research Service	NA	NA	NA	NA	NA	NA
Farmer Cooperative Service	NA	NA	NA	NA	NA	NA
Statistical Reporting Svc	NA	NA	NA	NA	NA	NA
Economics & Statistics Service	NA	31,051	NA	NA	NA	NA
Food Safety Inspection Service	NA	NA	0	0	0	0
Foreign Agricultural Service	NA	NA	NA	NA	NA	0
Forest Service	111,000	115,165	129,255	112,530	108,126	108,780
Grain Inspection Packers & Stockyards Administration	0	0	0	0	0	0
Human Nutrition Info Svc	NA	NA	0	8,500	8,200	6,004
Nat'l Agri Statistics Svc	NA	NA	7,500	7,000	7,600	8,200
Natural Resources Conservation Service	0	0	0	0	0	0
Office of International Cooperation & Development	0	5,310	3,871	2,560	5,259	8,172
Office of Transportation	665	767	855	890	849	1,005
Rural Business-Cooperative Svc	NA	NA	NA	NA	NA	NA
Rural Development Service	NA	NA	NA	NA	NA	NA
Science & Ed Admin, total	537,528	589,253	NA	NA	NA	NA
Agricultural Research Svc	364,971	405,048	NA	NA	NA	NA
Cooperative State Rsch Svc	172,557	184,205	NA	NA	NA	NA
Nat'l Agricultural Library	NA	NA	NA	NA	NA	NA
Department of Commerce, total	311,776	347,194	329,255	337,317	335,669	367,583
Bureau of the Census	3,065	3,188	3,915	3,787	4,326	4,445
Economic Development Admin	43,080	32,300	28,100	9,600	5,300	5,148
Env Science Svcs Admin	NA	NA	NA	NA	NA	NA
Maritime Administration	20,461	19,936	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	69,317	76,429	83,021	89,876	95,708	104,888
National Oceanic & Atmospheric Administration	171,176	203,633	202,178	222,026	222,037	244,300
Nat'l Technical Information Svc	0	0	0	0	0	0
National Telecommunications & Information Administration	4,060	10,694	10,934	11,300	8,257	8,666
Office of Productivity, Technology, & Innovation	NA	NA	NA	NA	NA	NA
Office of the Secretary	82	554	0	22	41	136
Office of Telecommunications	NA	NA	NA	NA	NA	NA
Patent & Trademark Office	535	460	1,107	706	0	0
United States Travel & Tourism Administration	0	0	0	0	0	0

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

Table 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Page 14 of 36

Agency and subdivision	1979	1980	1981	1982	1983	1984
Department of Defense, total	12,776,425	14,189,212	16,786,349	20,913,074	23,305,289	25,902,085
Defense Agencies, total	878,383	1,049,184	1,255,640	1,643,334	2,058,100	1,405,728
Ballistic Missile Def Org	NA	NA	NA	NA	NA	NA
Chemical and Biological						
Defense ¹	NA	NA	NA	NA	NA	NA
Def Adv Rsch Projects Agcy	NA	NA	NA	NA	NA	NA
Defense Info Systems Agcy	NA	NA	NA	NA	NA	NA
Defense Logistics Agency	NA	NA	NA	NA	NA	NA
Def Special Weapons Agcy	NA	NA	NA	NA	NA	NA
Def Threat Reduction Agcy	NA	NA	NA	NA	NA	NA
Joint Staff	NA	NA	NA	NA	NA	NA
Nat'l Imagery & Mapping Agcy	NA	NA	NA	NA	NA	NA
Special Operations Command	NA	NA	NA	NA	NA	NA
TRICARE Management Activity ²	NA	NA	NA	NA	NA	NA
Uniformed Services University						
of the Health Sciences	NA	NA	NA	NA	NA	NA
Washington Headquarters						
Services	NA	NA	NA	NA	NA	NA
Dept of the Air Force, total	4,693,116	5,319,029	7,128,847	9,442,558	10,951,316	12,377,040
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	248,193	261,000	333,700	365,700	414,800	436,150
RDT&E Appropriation	4,346,423	5,012,029	6,686,547	9,035,458	10,451,116	11,850,980
Special Foreign Currency						
Program	0	0	0	0	0	0
Department of the Army, total	2,772,474	2,993,787	3,256,959	3,785,189	4,024,385	4,281,732
Department of the Army, Civil						
Functions	25,592	29,755	30,258	29,038	28,685	28,253
Department of the Army,						
Military Functions	2,746,882	2,964,032	3,226,701	3,756,151	3,995,700	4,253,479
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	100,757	110,400	131,100	145,700	142,800	153,300
RDT&E Appropriation	2,643,525	2,842,932	3,086,001	3,589,151	3,831,880	4,054,879
Special Foreign Currency						
Program	0	0	0	0	520	0
Support from Procurement						
Appropriations	0	0	0	0	0	0
Department of the Navy, total	4,403,142	4,789,332	5,103,852	6,000,956	6,209,906	7,779,022
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	86,621	95,900	120,200	130,300	133,000	145,741
RDT&E Appropriation	4,293,285	4,666,432	4,965,452	5,829,849	6,038,506	7,558,533
Special Foreign Currency						
Program	4,936	7,800	200	1,307	0	1,359
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	29,310	37,880	41,051	41,037	61,582	58,563

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

Table 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Agency and subdivision	1979	1980	1981	1982	1983	1984
Department of Education	166,288	139,372	0	127,981	111,681	115,702
Department of Energy	5,483,177	5,777,812	5,896,419	5,622,186	5,294,350	5,525,995
Dept of Health, Education, & Welfare, total	NA	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	NA	NA	NA	NA
Center for Disease Control	NA	NA	NA	NA	NA	NA
Environmental Health Service	NA	NA	NA	NA	NA	NA
Food & Drug Administration	NA	NA	NA	NA	NA	NA
Health Care Financing Admin	NA	NA	NA	NA	NA	NA
Health Resources Admin	NA	NA	NA	NA	NA	NA
Health Services Administration	NA	NA	NA	NA	NA	NA
Hlth Svcs & Mental Health Admin	NA	NA	NA	NA	NA	NA
National Inst of Education	NA	NA	NA	NA	NA	NA
National Institutes of Health	NA	NA	NA	NA	NA	NA
Off of Asst Sec for Education	NA	NA	NA	NA	NA	NA
Off of the Asst Sec for Health	NA	NA	NA	NA	NA	NA
Office of Child Development	NA	NA	NA	NA	NA	NA
Office of Education	NA	NA	NA	NA	NA	NA
Office of Human Dvlpmt Svcs	NA	NA	NA	NA	NA	NA
Office of International Health	NA	NA	NA	NA	NA	NA
Office of the Secretary	NA	NA	NA	NA	NA	NA
Social & Rehabilitation Svc	NA	NA	NA	NA	NA	NA
Social Security Administration	NA	NA	NA	NA	NA	NA
Department of Health & Human Services, total	3,558,362	3,810,794	3,950,852	3,965,429	4,400,405	4,861,825
Admin for Children & Families	NA	NA	NA	NA	NA	NA
Administration on Aging	NA	NA	NA	NA	NA	NA
Agency for Healthcare Research and Quality ³	NA	NA	NA	NA	NA	NA
Agency for Toxic Substances Disease & Registry ⁴	NA	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	214,382	233,536	239,667	251,379	304,037	337,548
Centers for Disease Control & Prevention	76,271	87,257	74,822	75,039	78,164	46,342
Food & Drug Administration	66,734	76,600	72,600	75,000	102,700	80,789
Health Care Financing Admin	31,828	45,727	38,623	29,083	30,208	33,100
Health Resources Admin	4,944	5,140	5,038	NA	NA	NA
Health Resources & Svcs Admin	NA	NA	NA	10,118	13,256	18,509
Health Services Administration	28,695	26,726	20,320	NA	NA	NA
Human Development Services	57,088	49,269	73,707	27,198	23,444	18,319
National Institutes of Health ⁵	3,000,761	3,211,203	3,355,530	3,452,572	3,806,753	4,285,228
Off of the Asst Sec for Health	34,616	29,949	33,067	16,148	16,624	18,108
Office of the Secretary, total	24,715	24,000	19,500	13,353	14,441	10,365
Office of the Asst Secretary, Planning & Evaluation	NA	NA	NA	NA	NA	NA
Off of Public Hlth & Science	NA	NA	NA	NA	NA	NA
Social Security Administration	18,328	21,387	17,978	15,539	10,778	13,517
Substance Abuse & Mental Health Services Administration ⁶	NA	NA	NA	NA	NA	NA

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

Table 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Page 16 of 36

Agency and subdivision	1979	1980	1981	1982	1983	1984
Dept of Housing & Urban Dvlpmt	67,915	56,025	48,108	28,855	32,090	18,236
Department of the Interior, total	410,793	418,799	430,558	382,363	384,867	416,123
Bonneville Power Admin	0	0	14,440	NA	NA	NA
Bureau of Land Management	1,335	1,654	1,855	5,288	3,851	3,800
Bureau of Mines	121,281	114,414	97,373	94,796	88,633	108,791
Bureau of Reclamation	12,200	14,111	14,314	10,081	10,018	10,378
Federal Water Pollution Control Administration	NA	NA	NA	NA	NA	NA
Geological Survey	145,571	146,339	169,777	152,560	158,378	209,913
Heritage Conservation & Recreation Service	NA	NA	NA	NA	NA	NA
Minerals Management Service	NA	NA	NA	0	1,500	1,500
National Biological Service	NA	NA	NA	NA	NA	NA
National Park Service	8,944	8,243	10,351	11,203	13,746	14,000
National Resources Library	NA	NA	NA	NA	NA	NA
Office of Coal Research	NA	NA	NA	NA	NA	NA
Office of the Secretary	1,413	2,233	1,514	480	7,379	91
Office of Surface Mining Reclamation & Enforcement	4,978	7,771	5,794	1,500	1,478	797
Office of Water Research & Technology, total	27,964	29,958	21,840	12,295	2,218	3,595
Office of Saline Water	NA	NA	NA	NA	NA	NA
Off of Water Resources Rsch	NA	NA	NA	NA	NA	NA
United States Fish & Wildlife Service, total	87,107	94,076	93,300	94,160	97,666	63,258
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	42,991	41,501	26,527	26,692	31,376	24,520
Bureau of Prisons	3,388	2,107	2,507	1,678	1,690	1,600
Drug Enforcement Admin	2,400	2,700	1,300	3,200	2,500	1,900
Fed Bureau of Investigation	3,080	1,442	700	2,748	2,543	972
Immigration & Naturalization Service	200	302	146	648	589	565
Office of Justice Programs	32,243	33,150	21,039	18,018	23,804	19,483
Office of Legal Policy	1,680	1,800	835	400	250	0
Department of Labor, total	136,977	138,053	62,188	25,410	19,877	16,259
Bureau of Apprenticeship & Training	NA	NA	NA	NA	NA	NA
Bureau of Employment Security	NA	NA	NA	NA	NA	NA
Bureau of Labor Statistics	912	925	251	291	665	547
Employment Standards Admin	5,338	4,900	3,200	1,400	1,400	860
Employment & Training Admin	120,837	121,745	52,385	16,072	9,041	6,060
Labor-Management Relations & Cooperative Programs	NA	NA	NA	NA	NA	313
Labor-Management Svcs Admin	3,183	2,819	1,752	715	882	NA
Occupational Safety & Health Administration	5,107	6,300	3,000	4,900	5,264	5,075
Office of the Secretary	1,600	1,364	1,100	900	1,525	1,900
Pension & Welfare Benefits Administration	NA	NA	NA	NA	NA	1,174
Pension Benefit Guaranty Corp	NA	NA	500	1,132	1,100	330
Wage & Hour Division	0	0	0	0	0	0
Post Office Department	NA	NA	NA	NA	NA	NA

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

Table 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Page 17 of 36

Agency and subdivision	1979	1980	1981	1982	1983	1984
Department of State, total	3,168	2,206	1,766	1,549	1,488	1,550
Agy for Internat'l Dvlpmt	NA	NA	NA	NA	NA	NA
Bureau of Intelligence & Rsch	0	0	0	0	0	0
Departmental Funds	3,168	2,206	1,766	0	0	0
Peace Corps	0	0	0	0	0	0
Dept of Transportation, total	392,689	384,530	434,453	321,983	369,628	465,235
Coast Guard	21,100	18,000	26,269	19,988	19,555	19,456
Federal Aviation Admin	120,400	108,800	128,900	99,400	147,600	282,582
Federal Highway Administration	53,500	58,300	51,214	40,300	50,400	46,437
Federal Motor Carrier Safety Administration ⁷	NA	NA	NA	NA	NA	NA
Federal Railroad Admin	56,100	56,400	46,100	24,500	16,500	19,233
Federal Transit Administration	58,048	54,383	78,200	61,381	56,959	20,100
Infrastructure Investment	NA	NA	NA	NA	NA	NA
Maritime Administration	NA	NA	14,186	11,110	15,000	9,877
Materials Transportation Bureau	0	0	0	0	0	0
National Highway Traffic Safety Administration	56,839	63,754	66,400	55,900	52,500	57,400
Office of the Secretary	11,702	10,844	10,084	3,304	4,914	4,923
Rsch & Special Programs Admin	15,000	14,049	13,100	6,100	6,200	5,227
Department of the Treasury, total	9,581	12,073	11,356	13,383	15,643	13,923
Bureau of Alcohol, Tobacco, & Firearms	2,513	1,550	300	NA	NA	NA
Bureau of Engraving & Printing	2,088	2,300	2,712	4,803	3,916	3,577
Financial Crimes Enforcement Network	0	0	0	0	0	0
Internal Revenue Service	3,600	4,000	4,170	5,395	8,033	8,232
Office of Thrift Supervision	NA	NA	NA	NA	NA	NA
United States Customs Service	1,380	3,863	3,534	3,185	3,357	1,897
United States Mint	0	0	0	0	0	0
United States Secret Service	NA	360	640	0	337	217
Department of Veterans Affairs	132,059	137,784	159,161	140,100	171,900	196,400
Other agencies:						
ACTION	1,572	0	0	0	0	0
Advisory Commission on Intergovernmental Relations	1,696	2,219	2,211	2,033	2,110	2,088
Appalachian Regional Commission	870	800	375	400	247	525
Atomic Energy Commission	NA	NA	NA	NA	NA	NA
Broadcasting Board of Governors ⁸	NA	NA	NA	NA	NA	NA
Civil Aeronautics Board	0	NA	NA	NA	NA	NA
Civil Service Commission	NA	NA	NA	NA	NA	NA
Community Services Admin	20,678	30,349	18,315	NA	NA	NA
Consumer Product Safety Comm	6,600	6,200	528	199	533	1,284
Energy Research & Dvlpmt Admin	NA	NA	NA	NA	NA	NA
Energy Security Trust Fund	0	NA	NA	NA	NA	NA
Environmental Protection Agency ⁴	412,500	345,000	325,700	335,089	240,709	261,172
Fed Communications Commission	2,900	3,420	1,815	1,244	1,332	945
Federal Emergency Management Agency, total	12,582	11,841	11,599	9,212	3,319	11,513
Def Civil Preparedness Agcy	0	0	0	0	0	0
National Fire Prevention & Control Administration	0	0	0	0	0	0
Federal Energy Administration	NA	NA	NA	NA	NA	NA
Federal Trade Commission	1,521	3,021	1,100	1,188	1,364	1,558
Foundation for Ed Assistance	NA	NA	104,862	NA	NA	NA
General Services Administration	493	159	610	1,009	488	2,429

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

Table 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Page 18 of 36

Agency and subdivision	1979	1980	1981	1982	1983	1984
International Development						
Cooperation Agency, total	112,914	155,594	142,242	205,920	232,023	245,023
Agcy for Internat'l Dvlpmt	112,914	155,594	142,242	205,920	232,023	245,023
Institute for Scientific & Technological Cooperation	0	0	0	0	0	0
Interstate Commerce Commission	150	143	0	0	0	0
Library of Congress	5,900	6,900	4,900	5,712	7,357	7,503
Nat'l Aeronautics & Space Admin ⁹	3,725,904	3,393,188	3,708,905	3,191,559	2,762,349	3,066,100
Nat'l Archives & Records Admin	NA	NA	NA	NA	NA	NA
National Science Foundation	838,125	900,492	976,190	976,827	1,065,238	1,247,973
Nuclear Regulatory Commission	157,384	190,368	227,326	220,287	207,295	190,675
Office of Economic Opportunity	NA	NA	NA	NA	NA	NA
Office of Emergency Preparedness	NA	NA	NA	NA	NA	NA
Office of Personnel Management	5,988	6,788	8,364	0	0	0
Office of Science & Technology	NA	NA	NA	NA	NA	NA
Off of Telecommunications Policy	NA	NA	NA	NA	NA	NA
Office of Thrift Supervision	863	1,227	1,036	2,701	3,038	2,644
Postal Service	0	0	0	0	0	0
Small Business Administration	0	0	0	0	0	0
Smithsonian Institution	37,858	41,923	45,261	52,853	56,954	63,837
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	89,177	80,700	69,300	85,300	63,300	68,294
United States Arms Control & Disarmament Agency ¹⁰	3,540	3,795	2,444	1,902	975	1,346
United States Commission on Civil Rights	0	0	0	0	0	0
United States Information Agency ¹¹	104	88	1,454	99	7	1,397
United States International Trade Commission ¹²	3,417	2,068	3,397	3,764	4,672	5,015

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

Table 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Agency and subdivision	1985	1986	1987	1988	1989	1990
Total, all agencies	50,180,369	52,951,181	57,099,656	58,826,512	63,571,605	65,831,189
Departments:						
Department of Agriculture, total	983,613	1,007,878	1,059,640	1,151,790	1,127,457	1,210,619
Agricultural Cooperative Svc	2,888	2,629	2,669	2,690	2,821	2,721
Agricultural Marketing Service	1,662	1,614	1,476	1,644	1,548	2,679
Agricultural Research Service	498,700	532,600	522,441	561,214	578,689	589,916
Agricultural Stabilization & Conservation Service	0	0	0	0	0	0
Animal & Plant Health						
Inspection Service	0	4,167	4,933	6,152	7,654	14,031
Cooperative State Research, Ed, & Extension Service	294,343	278,557	338,306	374,650	339,440	371,144
Economic Research Service	46,354	44,585	44,767	48,107	49,508	50,534
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	114,777	113,959	127,064	138,400	132,950	163,500
Grain Inspection Packers & Stockyards Administration	917	988	1,194	1,035	1,100	647
Human Nutrition Info Svc	6,687	12,800	6,776	8,215	8,395	9,031
Nat'l Agri Statistics Svc	8,393	8,009	3,392	3,611	2,897	2,786
Natural Resources Conservation Service	0	0	0	0	0	0
Office of International Cooperation & Development	7,689	6,953	5,559	4,997	2,455	3,630
Office of Transportation	1,203	1,017	1,063	1,075	NA	NA
Rural Business-Cooperative Svc	NA	NA	NA	NA	NA	NA
Rural Development Service	NA	NA	NA	NA	NA	NA
Science & Ed Admin, total	NA	NA	NA	NA	NA	NA
Agricultural Research Svc	NA	NA	NA	NA	NA	NA
Cooperative State Rsch Svc	NA	NA	NA	NA	NA	NA
Nat'l Agricultural Library	NA	NA	NA	NA	NA	NA
Department of Commerce, total	402,960	408,427	407,461	400,158	406,984	453,535
Bureau of the Census	4,878	4,717	4,693	5,709	4,933	6,851
Economic Development Admin	13,000	10,300	5,000	4,170	1,007	1,188
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	104,735	108,506	100,659	118,685	124,185	131,045
National Oceanic & Atmospheric Administration	269,788	276,207	289,300	263,471	269,109	306,745
Nat'l Technical Information Svc	0	0	0	0	0	0
National Telecommunications & Information Administration	9,114	8,360	7,807	8,123	7,750	7,706
Office of Productivity, Technology, & Innovation	NA	NA	NA	NA	NA	NA
Office of the Secretary	1,445	337	2	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 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Page 20 of 36

Agency and subdivision	1985	1986	1987	1988	1989	1990
Department of Defense, total	30,322,411	33,224,071	35,708,714	35,684,646	38,076,162	37,755,497
Defense Agencies, total	2,786,324	4,771,925	5,291,799	5,957,328	6,973,301	6,996,807
Ballistic Missile Def Org	NA	NA	3,265,693	3,508,524	2,239	3,621,681
Chemical and Biological Defense ¹	NA	NA	NA	NA	NA	NA
Def Adv Rsch Projects Agcy	NA	NA	759,584	694,562	329,532	1,348,881
Defense Info Systems Agcy	NA	NA	178,086	169,804	190,659	228,223
Defense Logistics Agency	NA	NA	28,744	52,865	63,454	55,944
Def Special Weapons Agcy	NA	NA	354,226	318,388	996,740	351,892
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	324,532	363,943	3,792,823	265,255
Special Operations Command	NA	NA	0	0	0	0
TRICARE Management Activity ²	NA	NA	NA	NA	NA	NA
Uniformed Services University of the Health Sciences	NA	NA	1,897	2,487	310,327	1,895
Washington Headquarters Services	NA	NA	379,037	846,755	1,287,527	1,123,036
Dept of the Air Force, total	13,552,246	13,723,864	15,618,012	15,011,031	15,487,571	15,153,595
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	648,434	NA	NA	NA	NA	NA
RDT&E Appropriation	12,847,142	NA	NA	NA	NA	NA
Special Foreign Currency Program	0	NA	NA	NA	NA	NA
Department of the Army, total	4,623,693	4,863,270	5,085,233	4,898,837	5,704,460	5,737,212
Department of the Army, Civil Functions	33,045	33,627	30,445	33,225	37,378	34,674
Department of the Army, Military Functions	4,590,648	4,829,643	5,054,788	4,865,612	5,667,082	5,702,538
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	211,900	NA	NA	NA	NA	NA
RDT&E Appropriation	4,345,593	NA	NA	NA	NA	NA
Special Foreign Currency Program	455	NA	NA	NA	NA	NA
Support from Procurement Appropriations	0	NA	NA	NA	NA	NA
Department of the Navy, total	9,309,510	9,747,910	9,576,757	9,588,941	9,755,718	9,646,613
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	203,952	NA	NA	NA	NA	NA
RDT&E Appropriation	9,016,901	NA	NA	NA	NA	NA
Special Foreign Currency Program	5,757	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	8,399	68,167	14,372	32,560
Test & Evaluation, Deputy Under Secretary of Defense	50,638	117,102	128,514	160,342	140,740	188,710

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

Table 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Agency and subdivision	1985	1986	1987	1988	1989	1990
Department of Education	125,969	127,907	153,512	145,853	160,989	178,846
Department of Energy	5,834,372	5,430,613	5,529,440	5,951,370	6,065,598	6,546,595
Dept of Health, Education, & Welfare, total	NA	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	NA	NA	NA	NA
Center for Disease Control	NA	NA	NA	NA	NA	NA
Environmental Health Service	NA	NA	NA	NA	NA	NA
Food & Drug Administration	NA	NA	NA	NA	NA	NA
Health Care Financing Admin	NA	NA	NA	NA	NA	NA
Health Resources Admin	NA	NA	NA	NA	NA	NA
Health Services Administration	NA	NA	NA	NA	NA	NA
Hlth Svcs & Mental Health Admin	NA	NA	NA	NA	NA	NA
National Inst of Education	NA	NA	NA	NA	NA	NA
National Institutes of Health	NA	NA	NA	NA	NA	NA
Off of Asst Sec for Education	NA	NA	NA	NA	NA	NA
Off of the Asst Sec for Health	NA	NA	NA	NA	NA	NA
Office of Child Development	NA	NA	NA	NA	NA	NA
Office of Education	NA	NA	NA	NA	NA	NA
Office of Human Dvlpmt Svcs	NA	NA	NA	NA	NA	NA
Office of International Health	NA	NA	NA	NA	NA	NA
Office of the Secretary	NA	NA	NA	NA	NA	NA
Social & Rehabilitation Svc	NA	NA	NA	NA	NA	NA
Social Security Administration	NA	NA	NA	NA	NA	NA
Department of Health & Human Services, total	5,493,182	5,695,483	6,643,025	7,177,570	7,981,400	8,513,441
Admin for Children & Families	NA	NA	NA	NA	NA	NA
Administration on Aging	NA	NA	NA	NA	NA	NA
Agency for Healthcare Research and Quality ³	NA	NA	NA	NA	NA	49,700
Agency for Toxic Substances Disease & Registry ⁴	NA	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	377,925	396,631	476,125	554,835	695,685	842,650
Centers for Disease Control & Prevention	47,624	52,203	66,180	88,722	117,785	95,600
Food & Drug Administration	95,075	87,400	85,800	91,500	122,000	122,000
Health Care Financing Admin	33,463	28,966	27,301	28,156	49,076	49,111
Health Resources Admin	NA	NA	NA	NA	NA	NA
Health Resources & Svcs Admin	19,658	12,265	9,308	10,032	10,483	11,856
Health Services Administration	NA	NA	NA	NA	NA	NA
Human Development Services	24,318	54,619	52,977	53,966	101,689	95,415
National Institutes of Health ⁵	4,856,511	5,034,472	5,886,193	6,309,927	6,833,827	7,221,300
Off of the Asst Sec for Health	18,598	17,260	21,208	21,044	27,214	6,944
Office of the Secretary, total	9,610	6,067	8,158	4,738	7,795	4,966
Office of the Asst Secretary, Planning & Evaluation	NA	NA	NA	NA	NA	NA
Off of Public Hlth & Science	NA	NA	NA	NA	NA	NA
Social Security Administration	10,400	5,600	9,775	14,650	15,846	13,899
Substance Abuse & Mental Health Services Administration ⁶	NA	NA	NA	NA	NA	NA

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

Table 4. Federal obligations for research and development and 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 Dvlpmnt	18,532	15,304	16,279	18,412	18,004	19,258
Department of the Interior, total	395,927	389,561	415,653	426,125	479,773	522,558
Bonneville Power Admin	NA	NA	NA	NA	NA	NA
Bureau of Land Management	4,400	3,400	3,700	3,700	3,000	2,800
Bureau of Mines	89,874	84,350	88,832	91,341	101,237	102,314
Bureau of Reclamation	13,234	10,200	10,723	4,400	4,164	5,804
Federal Water Pollution Control Administration	NA	NA	NA	NA	NA	NA
Geological Survey	215,748	219,462	227,618	236,904	281,138	309,722
Heritage Conservation & Recreation Service	NA	NA	NA	NA	NA	NA
Minerals Management Service	1,416	1,088	1,022	1,187	2,212	2,045
National Biological Service	NA	NA	NA	NA	NA	NA
National Park Service	15,000	17,300	18,500	19,379	19,422	20,087
National Resources Library	NA	NA	NA	NA	NA	NA
Office of Coal Research	NA	NA	NA	NA	NA	NA
Office of the Secretary	1,870	962	0	434	400	200
Office of Surface Mining Reclamation & Enforcement	1,985	2,299	958	980	700	686
Office of Water Research & Technology, total	NA	NA	NA	NA	NA	NA
Office of Saline Water	NA	NA	NA	NA	NA	NA
Off of Water Resources Rsch	NA	NA	NA	NA	NA	NA
United States Fish & Wildlife Service, total	52,400	50,500	64,300	67,800	67,500	78,900
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	35,992	36,460	53,472	43,118	38,156	40,459
Bureau of Prisons	1,500	2,950	7,106	6,019	5,149	4,500
Drug Enforcement Admin	1,600	2,500	2,200	2,500	2,700	2,377
Fed Bureau of Investigation	9,527	7,227	19,083	12,733	7,676	8,205
Immigration & Naturalization Service	400	400	400	336	85	400
Office of Justice Programs	22,665	23,201	24,583	21,530	22,546	24,977
Office of Legal Policy	300	182	100	0	0	0
Department of Labor, total	13,287	10,394	21,596	35,607	35,427	73,003
Bureau of Apprenticeship & Training	NA	NA	NA	NA	NA	NA
Bureau of Employment Security	NA	NA	NA	NA	NA	NA
Bureau of Labor Statistics	621	634	6,522	7,042	7,000	7,300
Employment Standards Admin	28	0	1,035	60	118	53
Employment & Training Admin	3,507	3,476	5,665	14,865	15,733	53,401
Labor-Management Relations & Cooperative Programs	298	162	266	361	303	NA
Labor-Management Svcs Admin	NA	NA	NA	NA	NA	NA
Occupational Safety & Health Administration	4,490	3,600	4,133	4,200	4,503	2,526
Office of the Secretary	2,576	2,147	2,715	6,109	6,057	7,148
Pension & Welfare Benefits Administration	1,567	275	960	2,670	1,413	2,110
Pension Benefit Guaranty Corp	200	100	300	300	300	465
Wage & Hour Division	0	0	0	0	0	0
Post Office Department	NA	NA	NA	NA	NA	NA

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

Table 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Page 23 of 36

Agency and subdivision	1985	1986	1987	1988	1989	1990
Department of State, total	1,482	1,464	2,962	4,159	4,714	4,692
Agy for Internat'l Dvlpmt	NA	NA	NA	NA	NA	NA
Bureau of Intelligence & Rsch	0	0	0	0	0	0
Departmental Funds	0	0	0	0	0	0
Peace Corps	0	0	0	0	0	0
Dept of Transportation, total	437,859	397,526	336,159	318,527	318,852	388,346
Coast Guard	18,958	16,871	17,004	21,424	17,930	20,630
Federal Aviation Admin	294,800	271,500	177,708	173,772	162,306	237,462
Federal Highway Administration	48,976	46,141	76,934	74,121	90,995	91,473
Federal Motor Carrier Safety Administration ⁷	NA	NA	NA	NA	NA	NA
Federal Railroad Admin	14,969	15,426	11,196	10,365	8,955	10,198
Federal Transit Administration	10,150	8,200	12,600	2,308	1,399	1,617
Infrastructure Investment	NA	NA	NA	NA	NA	NA
Maritime Administration	13,908	9,412	5,789	467	0	900
Materials Transportation Bureau	0	0	0	0	0	0
National Highway Traffic Safety Administration	28,600	22,900	28,400	28,300	29,718	16,930
Office of the Secretary	4,800	5,090	4,476	5,715	5,502	6,755
Rsch & Special Programs Admin	2,698	1,986	2,052	2,055	2,047	2,381
Department of the Treasury, total	24,375	24,154	26,988	26,179	25,698	25,742
Bureau of Alcohol, Tobacco, & Firearms	NA	NA	NA	NA	NA	NA
Bureau of Engraving & Printing	4,997	4,224	4,549	1,955	1,672	2,083
Financial Crimes Enforcement Network	0	0	0	0	0	0
Internal Revenue Service	15,924	14,222	14,565	14,423	14,423	16,800
Office of Thrift Supervision	NA	NA	NA	NA	NA	0
United States Customs Service	2,270	4,900	7,095	9,293	6,938	6,300
United States Mint	554	316	237	132	2,044	56
United States Secret Service	630	492	542	376	621	503
Department of Veterans Affairs	229,900	191,000	215,400	234,800	245,700	241,000
Other agencies:						
ACTION	0	0	0	0	0	0
Advisory Commission on Intergovernmental Relations	2,375	2,051	1,893	1,769	1,130	1,513
Appalachian Regional Commission	200	167	125	200	767	401
Atomic Energy Commission	NA	NA	NA	NA	NA	NA
Broadcasting Board of Governors ⁸	NA	NA	NA	NA	NA	NA
Civil Aeronautics Board	NA	NA	NA	NA	NA	NA
Civil Service Commission	NA	NA	NA	NA	NA	NA
Community Services Admin	NA	NA	NA	NA	NA	NA
Consumer Product Safety Comm	2,354	1,964	2,161	1,058	1,334	1,137
Energy Research & Dvlpmt Admin	NA	NA	NA	NA	NA	NA
Energy Security Trust Fund	NA	NA	NA	NA	NA	NA
Environmental Protection Agency ⁴	320,413	317,319	348,244	347,430	380,342	419,726
Fed Communications Commission	1,170	901	985	1,224	1,101	1,329
Federal Emergency Management Agency, total	4,100	0	0	0	0	0
Def Civil Preparedness Agcy	0	0	0	0	0	0
National Fire Prevention & Control Administration	0	0	0	0	0	0
Federal Energy Administration	NA	NA	NA	NA	NA	NA
Federal Trade Commission	1,734	1,827	520	428	379	459
Foundation for Ed Assistance	NA	NA	NA	NA	NA	NA
General Services Administration	405	19,952	1,568	2,301	540	19,454

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

Table 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Page 24 of 36

Agency and subdivision	1985	1986	1987	1988	1989	1990
International Development						
Cooperation Agency, total	227,224	258,707	224,259	210,576	279,121	334,554
Agcy for Internat'l Dvlpmnt	227,224	258,707	224,259	210,576	279,121	334,554
Institute for Scientific & Technological Cooperation	0	0	0	0	0	0
Interstate Commerce Commission	0	0	0	0	0	0
Library of Congress	7,077	6,587	6,514	7,083	7,969	8,412
Nat'l Aeronautics & Space Admin ⁹	3,561,500	3,694,775	4,096,482	4,758,594	5,913,003	7,060,254
Nat'l Archives & Records Admin	508	968	1,120	657	265	365
National Science Foundation	1,419,140	1,406,499	1,531,808	1,589,636	1,723,977	1,728,822
Nuclear Regulatory Commission	149,959	123,785	122,468	108,480	114,815	108,762
Office of Economic Opportunity	NA	NA	NA	NA	NA	NA
Office of Emergency Preparedness	NA	NA	NA	NA	NA	NA
Office of Personnel Management	0	0	0	0	0	0
Office of Science & Technology	NA	NA	NA	NA	NA	NA
Off of Telecommunications Policy	NA	NA	NA	NA	NA	NA
Office of Thrift Supervision	2,790	3,281	3,364	3,409	4,051	4,126
Postal Service	0	0	0	0	0	0
Small Business Administration	0	0	0	0	0	0
Smithsonian Institution	72,693	63,952	74,382	75,756	83,576	88,756
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	79,952	78,348	78,187	87,719	62,767	69,795
United States Arms Control & Disarmament Agency ¹⁰	1,062	945	4,577	3,381	2,783	218
United States Commission on Civil Rights	0	0	0	0	0	0
United States Information Agency ¹¹	96	1,995	3,485	420	100	450
United States International Trade Commission ¹²	5,756	6,916	7,213	8,077	8,671	9,065

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

Table 4. Federal obligations for research and development and 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	64,147,951	68,577,184	70,414,697	69,450,776	70,442,935	69,399,164
Departments:						
Department of Agriculture, total	1,381,266	1,491,833	1,470,199	1,525,624	1,523,590	1,428,739
Agricultural Cooperative Svc	2,814	3,444	2,902	3,734	NA	NA
Agricultural Marketing Service	4,231	4,746	4,718	4,843	4,797	4,854
Agricultural Research Service	655,696	725,189	705,499	756,958	751,002	743,068
Agricultural Stabilization & Conservation Service	0	0	0	0	NA	NA
Animal & Plant Health						
Inspection Service	15,736	16,717	17,122	19,177	19,117	19,535
Cooperative State Research, Ed, & Extension Service	438,319	481,222	479,164	471,550	489,036	418,943
Economic Research Service	54,370	58,873	58,925	55,219	53,827	52,950
Economics, Statistics, & Cooperative Svc, total	NA	NA	NA	NA	NA	NA
Economic Research Service	NA	NA	NA	NA	NA	NA
Farmer Cooperative Service	NA	NA	NA	NA	NA	NA
Statistical Reporting Svc	NA	NA	NA	NA	NA	NA
Economics & Statistics Service	NA	NA	NA	NA	NA	NA
Food Safety Inspection Service	0	0	0	0	0	15
Foreign Agricultural Service	0	0	0	1,087	922	1,290
Forest Service	193,100	184,300	186,272	198,000	197,825	180,400
Grain Inspection Packers & Stockyards Administration	725	1,505	1,773	1,791	1,484	2,537
Human Nutrition Info Svc	9,899	10,703	8,397	6,992	NA	NA
Nat'l Agri Statistics Svc	3,244	3,589	3,882	3,861	4,019	3,796
Natural Resources Conservation Service	0	0	0	0	0	0
Office of International Cooperation & Development	3,132	1,545	1,545	0	NA	NA
Office of Transportation	NA	NA	NA	NA	NA	NA
Rural Business-Cooperative Svc	NA	NA	NA	2,412	1,561	1,351
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	505,350	672,210	681,702	857,291	1,213,706	1,152,001
Bureau of the Census	6,618	5,344	5,399	4,833	4,856	6,258
Economic Development Admin	1,381	500	0	605	521	591
Env Science Svcs Admin	NA	NA	NA	NA	NA	NA
Maritime Administration	NA	NA	NA	NA	NA	NA
Minority Business Dvlpmt Agcy	0	0	0	0	0	0
National Fire Prevention & Control Administration	NA	NA	NA	NA	NA	NA
Nat'l Inst of Standards & Tech	148,449	190,165	219,764	284,119	640,490	600,963
National Oceanic & Atmospheric Administration	345,327	472,240	452,372	562,897	561,425	528,510
Nat'l Technical Information Svc	0	0	0	0	0	0
National Telecommunications & Information Administration	3,575	3,961	4,167	4,837	6,383	15,651
Office of Productivity, Technology, & Innovation	NA	NA	NA	NA	NA	NA
Office of the Secretary	0	0	0	0	31	28
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 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Page 26 of 36

Agency and subdivision	1991	1992	1993	1994	1995	1996
Department of Defense, total	32,560,470	36,525,974	36,220,664	34,818,856	33,856,799	34,582,215
Defense Agencies, total	7,200,897	7,670,465	7,723,345	7,367,814	7,369,119	7,742,017
Ballistic Missile Def Org	2,795,000	3,902,300	3,696,234	2,622,401	2,400,683	2,810,440
Chemical and Biological Defense ¹	NA	NA	NA	NA	NA	NA
Def Adv Rsch Projects Agcy	1,377,800	1,527,900	1,726,773	2,754,337	2,503,793	2,550,353
Defense Info Systems Agcy	185,821	146,575	95,218	93,721	78,990	64,997
Defense Logistics Agency	6,732	38,572	20,377	37,131	33,750	34,529
Def Special Weapons Agcy	458,055	486,837	492,215	280,970	243,907	245,553
Def Threat Reduction Agcy	NA	NA	NA	NA	NA	NA
Joint Staff	40,752	53,175	29,918	10,693	4,154	5,526
Nat'l Imagery & Mapping Agcy	230,900	233,800	59,149	65,668	78,299	0
Special Operations Command	118,457	184,927	171,406	261,746	248,480	166,118
TRICARE Management Activity ²	NA	NA	NA	NA	NA	NA
Uniformed Services University of the Health Sciences	2,522	3,358	3,498	848	NA	NA
Washington Headquarters Services	1,984,858	1,093,021	1,428,557	1,240,299	1,777,063	1,864,501
Dept of the Air Force, total	11,089,796	13,606,830	12,866,924	12,626,759	11,835,713	13,066,490
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	6,172,507	6,876,232	6,227,212	5,576,196	5,424,745	4,879,718
Department of the Army, Civil Functions	42,507	56,232	49,646	51,645	56,257	29,367
Department of the Army, Military Functions	6,130,000	6,820,000	6,177,566	5,524,551	5,368,488	4,850,351
Housing for Military Personnel in R&D	NA	NA	NA	NA	NA	NA
Military Construction	NA	NA	NA	NA	NA	NA
Pay & Allowances of Military Personnel in R&D	NA	NA	NA	NA	NA	NA
RDT&E Appropriation	NA	NA	NA	NA	NA	NA
Special Foreign Currency Program	NA	NA	NA	NA	NA	NA
Support from Procurement Appropriations	NA	NA	NA	NA	NA	NA
Department of the Navy, total	7,860,000	8,126,830	9,148,346	9,005,096	8,974,532	8,614,428
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	13,550	12,436	12,333	11,234	21,707	21,895
Test & Evaluation, Deputy Under Secretary of Defense	223,720	233,181	242,504	231,757	230,983	257,667

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

Table 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Page 27 of 36

Agency and subdivision	1991	1992	1993	1994	1995	1996
Department of Education	175,217	170,893	179,942	178,422	179,397	173,690
Department of Energy	7,203,220	7,493,017	7,723,679	6,959,756	6,890,044	6,050,832
Dept of Health, Education, & Welfare, total	NA	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	NA	NA	NA	NA
Center for Disease Control	NA	NA	NA	NA	NA	NA
Environmental Health Service	NA	NA	NA	NA	NA	NA
Food & Drug Administration	NA	NA	NA	NA	NA	NA
Health Care Financing Admin	NA	NA	NA	NA	NA	NA
Health Resources Admin	NA	NA	NA	NA	NA	NA
Health Services Administration	NA	NA	NA	NA	NA	NA
Hlth Svcs & Mental Health Admin	NA	NA	NA	NA	NA	NA
National Inst of Education	NA	NA	NA	NA	NA	NA
National Institutes of Health	NA	NA	NA	NA	NA	NA
Off of Asst Sec for Education	NA	NA	NA	NA	NA	NA
Off of the Asst Sec for Health	NA	NA	NA	NA	NA	NA
Office of Child Development	NA	NA	NA	NA	NA	NA
Office of Education	NA	NA	NA	NA	NA	NA
Office of Human Dvlpmt Svcs	NA	NA	NA	NA	NA	NA
Office of International Health	NA	NA	NA	NA	NA	NA
Office of the Secretary	NA	NA	NA	NA	NA	NA
Social & Rehabilitation Svc	NA	NA	NA	NA	NA	NA
Social Security Administration	NA	NA	NA	NA	NA	NA
Department of Health & Human Services, total	9,842,283	9,084,564	10,498,505	11,141,749	11,710,952	12,084,202
Admin for Children & Families	129,000	39,156	19,908	11,316	12,000	12,567
Administration on Aging	20,564	20,235	20,890	19,121	20,679	3,704
Agency for Healthcare Research and Quality ³	101,132	106,327	114,800	154,387	135,287	125,161
Agency for Toxic Substances Disease & Registry ⁴	NA	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	1,460,598	NA	NA	NA	NA	NA
Centers for Disease Control & Prevention	113,372	146,900	162,511	206,800	317,385	296,672
Food & Drug Administration	143,455	150,009	174,200	177,783	175,811	176,359
Health Care Financing Admin	69,075	75,491	68,179	79,959	74,537	52,685
Health Resources Admin	NA	NA	NA	NA	NA	NA
Health Resources & Svcs Admin	11,040	10,450	11,002	17,805	14,752	11,763
Health Services Administration	NA	NA	NA	NA	NA	NA
Human Development Services	NA	NA	NA	NA	NA	NA
National Institutes of Health ⁵	7,763,351	8,491,354	9,893,293	10,439,854	10,930,625	11,377,862
Off of the Asst Sec for Health	9,991	6,665	1,240	756	323	NA
Office of the Secretary, total	8,811	4,977	8,002	11,741	9,121	10,711
Office of the Asst Secretary, Planning & Evaluation	NA	NA	NA	NA	NA	8,968
Off of Public Hlth & Science	NA	NA	NA	NA	NA	1,743
Social Security Administration	11,894	33,000	24,480	22,227	20,432	NA
Substance Abuse & Mental Health Services Administration ⁶	NA	NA	NA	NA	NA	16,718

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

Table 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Page 28 of 36

Agency and subdivision	1991	1992	1993	1994	1995	1996
Dept of Housing & Urban Dvlpmt	27,812	25,143	23,582	39,601	41,831	33,120
Department of the Interior, total	615,129	627,603	642,210	703,125	568,279	569,455
Bonneville Power Admin	NA	NA	NA	NA	NA	NA
Bureau of Land Management	8,770	6,300	8,925	0	0	0
Bureau of Mines	108,178	107,140	111,900	107,876	0	NA
Bureau of Reclamation	8,700	13,200	10,257	7,393	7,990	6,531
Federal Water Pollution Control Administration	NA	NA	NA	NA	NA	NA
Geological Survey	359,830	365,696	360,436	377,439	367,412	520,062
Heritage Conservation & Recreation Service	NA	NA	NA	NA	NA	NA
Minerals Management Service	2,936	4,815	6,859	21,806	21,002	22,616
National Biological Service	NA	NA	0	164,249	152,109	NA
National Park Service	27,474	31,098	38,145	24,244	19,722	20,246
National Resources Library	NA	NA	NA	NA	NA	NA
Office of Coal Research	NA	NA	NA	NA	NA	NA
Office of the Secretary	600	900	375	118	44	0
Office of Surface Mining Reclamation & Enforcement	1,041	254	497	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	97,600	98,200	104,816	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	48,875	48,047	48,875	45,005	57,938	77,287
Bureau of Prisons	5,200	5,900	6,100	5,350	5,724	5,248
Drug Enforcement Admin	2,700	1,400	862	900	400	1,200
Fed Bureau of Investigation	10,810	10,925	11,309	6,985	10,937	33,458
Immigration & Naturalization Service	400	400	400	400	400	211
Office of Justice Programs	29,765	29,422	30,204	31,370	40,477	37,170
Office of Legal Policy	0	0	0	0	0	0
Department of Labor, total	44,002	51,715	55,008	59,697	55,448	52,424
Bureau of Apprenticeship & Training	NA	NA	NA	NA	NA	NA
Bureau of Employment Security	NA	NA	NA	NA	NA	NA
Bureau of Labor Statistics	7,500	7,600	6,900	7,100	14,800	13,300
Employment Standards Admin	0	0	0	0	0	0
Employment & Training Admin	22,100	31,706	35,927	39,976	25,594	26,922
Labor-Management Relations & Cooperative Programs	NA	NA	NA	NA	NA	NA
Labor-Management Svcs Admin	NA	NA	NA	NA	NA	NA
Occupational Safety & Health Administration	2,603	3,094	2,458	3,310	4,370	6,602
Office of the Secretary	8,734	5,853	5,808	5,317	6,287	2,594
Pension & Welfare Benefits Administration	2,540	2,550	2,610	2,675	3,598	2,331
Pension Benefit Guaranty Corp	525	912	1,305	1,319	799	675
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 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Page 29 of 36

Agency and subdivision	1991	1992	1993	1994	1995	1996
Department of State, total	5,854	5,554	5,285	389	500	924
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	398,304	470,281	577,642	661,684	755,765	584,298
Coast Guard	25,935	20,458	33,431	22,849	20,244	20,537
Federal Aviation Admin	236,431	260,174	271,289	318,608	310,056	228,922
Federal Highway Administration	86,877	131,015	175,708	241,971	315,562	247,323
Federal Motor Carrier Safety Administration ⁷	NA	NA	NA	NA	NA	NA
Federal Railroad Admin	17,585	22,798	26,756	20,577	30,082	30,103
Federal Transit Administration	1,733	1,659	31,261	19,863	28,724	13,710
Infrastructure Investment	NA	NA	NA	0	NA	NA
Maritime Administration	1,713	1,751	1,741	1,744	2,450	0
Materials Transportation Bureau	0	0	0	0	0	0
National Highway Traffic Safety Administration	21,368	25,774	31,611	25,315	39,707	33,163
Office of the Secretary	4,284	4,131	4,503	5,435	3,901	2,808
Rsch & Special Programs Admin	2,378	2,521	1,342	5,322	5,039	7,732
Department of the Treasury, total	30,960	24,763	16,781	19,143	61,517	60,192
Bureau of Alcohol, Tobacco, & Firearms	NA	NA	NA	NA	NA	NA
Bureau of Engraving & Printing	3,547	1,990	3,235	1,710	1,800	1,670
Financial Crimes Enforcement Network	2,278	1,203	1,519	0	0	0
Internal Revenue Service	17,878	17,878	6,497	11,315	49,698	51,200
Office of Thrift Supervision	2,990	815	738	481	550	537
United States Customs Service	3,784	2,323	4,100	4,600	8,580	6,300
United States Mint	52	0	115	549	312	0
United States Secret Service	431	554	577	488	577	485
Department of Veterans Affairs	220,000	229,600	239,509	259,679	245,060	259,864
Other agencies:						
ACTION	0	0	0	0	0	0
Advisory Commission on Intergovernmental Relations	1,663	1,730	2,098	1,355	1,413	NA
Appalachian Regional Commission	742	1,900	900	900	900	900
Atomic Energy Commission	NA	NA	NA	NA	NA	NA
Broadcasting Board of Governors ⁸	NA	NA	NA	NA	NA	NA
Civil Aeronautics Board	NA	NA	NA	NA	NA	NA
Civil Service Commission	NA	NA	NA	NA	NA	NA
Community Services Admin	NA	NA	NA	NA	NA	NA
Consumer Product Safety Comm	1,313	1,126	1,193	315	370	30
Energy Research & Dvlpmt Admin	NA	NA	NA	NA	NA	NA
Energy Security Trust Fund	NA	NA	NA	NA	NA	NA
Environmental Protection Agency ⁴	432,632	483,900	497,753	558,262	556,285	464,300
Fed Communications Commission	1,442	1,648	1,625	1,683	2,268	2,801
Federal Emergency Management Agency, total	0	0	0	0	0	0
Def Civil Preparedness Agcy	0	0	0	0	0	0
National Fire Prevention & Control Administration	0	0	0	0	0	0
Federal Energy Administration	NA	NA	NA	NA	NA	NA
Federal Trade Commission	957	1,285	877	705	564	505
Foundation for Ed Assistance	NA	NA	NA	NA	NA	NA
General Services Administration	22,624	6,451	983	267	5,069	110

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

Table 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Page 30 of 36

Agency and subdivision	1991	1992	1993	1994	1995	1996
International Development						
Cooperation Agency, total	377,747	365,918	382,239	254,305	302,498	223,000
Agcy for Internat'l Dvlpmt	377,747	365,918	382,239	254,305	302,498	223,000
Institute for Scientific & Technological Cooperation	0	0	0	0	0	0
Interstate Commerce Commission	0	0	0	0	0	0
Library of Congress	9,048	10,255	10,467	9,975	10,151	10,579
Nat'l Aeronautics & Space Admin ⁹	8,003,812	8,475,401	8,769,217	8,811,502	9,639,744	8,987,500
Nat'l Archives & Records Admin	691	685	320	280	120	120
National Science Foundation	1,944,780	1,969,967	2,012,325	2,212,224	2,438,858	2,375,505
Nuclear Regulatory Commission	108,800	119,049	119,781	90,705	88,212	70,909
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	99,490	101,825	107,000	129,176	129,000	132,000
Social Security Administration	NA	NA	NA	NA	NA	11,528
Special Action Office for Drug Abuse Prevention	NA	NA	NA	NA	NA	NA
Tennessee Valley Authority	73,093	100,509	109,566	97,855	93,070	6,143
United States Arms Control & Disarmament Agency ¹⁰	390	2,058	1,493	1,323	1,146	654
United States Commission on Civil Rights	0	0	0	0	0	0
United States Information Agency ¹¹	100	0	1,125	559	289	149
United States International Trade Commission ¹²	9,885	12,280	12,152	9,364	12,152	3,188

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

Table 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Agency and subdivision	1997	1998	1999	2000	Preliminary	
					2001	2002
Total, all agencies	71,753,430	73,913,988	77,386,368	77,356,085	85,452,177	84,938,444
Departments:						
Department of Agriculture, total	1,572,779	1,530,834	1,745,219	1,833,483	2,079,596	1,911,447
Agricultural Cooperative Svc	NA	NA	NA	NA	NA	NA
Agricultural Marketing Service	4,786	4,721	4,719	5,068	5,164	5,164
Agricultural Research Service	806,572	844,247	973,598	959,311	1,071,980	1,070,897
Agricultural Stabilization & Conservation Service	NA	NA	NA	NA	NA	NA
Animal & Plant Health						
Inspection Service	19,849	20,462	20,426	20,570	22,041	23,389
Cooperative State Research, Ed, & Extension Service	496,740	387,331	463,115	535,042	660,857	476,821
Economic Research Service	53,003	71,547	62,488	64,152	65,893	67,200
Economics, Statistics, & Cooperative Svc, total	NA	NA	NA	NA	NA	NA
Economic Research Service	NA	NA	NA	NA	NA	NA
Farmer Cooperative Service	NA	NA	NA	NA	NA	NA
Statistical Reporting Svc	NA	NA	NA	NA	NA	NA
Economics & Statistics Service	NA	NA	NA	NA	NA	NA
Food Safety Inspection Service	15	190	664	2,332	0	0
Foreign Agricultural Service	1,422	1,422	1,422	1,422	1,422	1,422
Forest Service	181,800	190,400	209,000	235,000	239,000	251,000
Grain Inspection Packers & Stockyards Administration	2,752	2,745	2,714	3,620	5,483	6,016
Human Nutrition Info Svc	NA	NA	NA	NA	NA	NA
Nat'l Agri Statistics Svc	3,372	3,333	3,573	3,856	3,856	3,938
Natural Resources Conservation Service	0	0	0	0	0	0
Office of International Cooperation & Development	NA	NA	NA	NA	NA	NA
Office of Transportation	NA	NA	NA	NA	NA	NA
Rural Business-Cooperative Svc	2,468	4,436	3,500	3,110	3,900	5,600
Rural Development Service	NA	NA	NA	NA	NA	NA
Science & Ed Admin, total	NA	NA	NA	NA	NA	NA
Agricultural Research Svc	NA	NA	NA	NA	NA	NA
Cooperative State Rsch Svc	NA	NA	NA	NA	NA	NA
Nat'l Agricultural Library	NA	NA	NA	NA	NA	NA
Department of Commerce, total	1,046,471	969,950	1,009,829	1,237,148	1,173,170	1,132,447
Bureau of the Census	5,120	8,562	15,000	13,000	300	0
Economic Development Admin	550	557	550	576	550	550
Env Science Svcs Admin	NA	NA	NA	NA	NA	NA
Maritime Administration	NA	NA	NA	NA	NA	NA
Minority Business Dvlpmt Agcy	0	0	0	0	0	0
National Fire Prevention & Control Administration	NA	NA	NA	NA	NA	NA
Nat'l Inst of Standards & Tech	482,149	415,739	421,831	604,682	420,786	364,320
National Oceanic & Atmospheric Administration	530,858	519,544	547,222	597,139	701,155	748,074
Nat'l Technical Information Svc	0	0	0	0	0	0
National Telecommunications & Information Administration	27,794	25,548	25,226	21,751	50,379	19,503
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 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Page 32 of 36

Agency and subdivision	1997	1998	1999	2000	Preliminary	
					2001	2002
Department of Defense, total	34,873,757	35,351,986	35,753,425	33,215,178	36,457,191	34,324,364
Defense Agencies, total	7,509,055	7,981,858	7,476,036	7,195,899	9,248,473	8,005,873
Ballistic Missile Def Org	3,244,444	3,422,344	3,204,952	3,065,450	4,209,274	3,059,376
Chemical and Biological Defense ¹	NA	NA	NA	383,549	369,105	395,800
Def Adv Rsch Projects Agcy	2,037,405	2,003,109	1,947,192	1,801,547	1,860,375	2,341,058
Defense Info Systems Agcy	57,476	55,638	123,771	114,299	176,817	216,417
Defense Logistics Agency	45,304	122,327	72,244	109,213	115,595	51,860
Def Special Weapons Agcy	226,507	NA	NA	NA	NA	NA
Def Threat Reduction Agcy	NA	275,777	342,614	406,185	341,488	361,853
Joint Staff	38,520	53,945	159,475	51,967	92,406	59,962
Nat'l Imagery & Mapping Agcy	0	0	0	0	0	0
Special Operations Command	135,079	142,692	200,743	219,035	245,256	253,175
TRICARE Management Activity ²	NA	NA	NA	69,071	609,951	114,040
Uniformed Services University of the Health Sciences	NA	NA	NA	NA	NA	NA
Washington Headquarters Services	1,724,320	1,906,026	1,425,045	975,583	1,228,206	1,152,332
Dept of the Air Force, total	13,990,598	13,865,245	14,069,508	11,060,493	10,736,442	10,134,849
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	4,825,240	5,041,671	5,043,528	5,323,717	6,452,588	6,263,493
Department of the Army, Civil Functions	30,941	39,446	44,804	43,743	45,088	44,349
Department of the Army, Military Functions	4,794,299	5,002,225	4,998,724	5,279,974	6,407,500	6,219,144
Housing for Military Personnel in R&D	NA	NA	NA	NA	NA	NA
Military Construction	NA	NA	NA	NA	NA	NA
Pay & Allowances of Military Personnel in R&D	NA	NA	NA	NA	NA	NA
RDT&E Appropriation	NA	NA	NA	NA	NA	NA
Special Foreign Currency Program	NA	NA	NA	NA	NA	NA
Support from Procurement Appropriations	NA	NA	NA	NA	NA	NA
Department of the Navy, total	8,252,540	8,190,828	8,862,435	9,345,126	9,808,507	9,719,111
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	26,610	30,339	44,667	32,915	189,338	201,038
Test & Evaluation, Deputy Under Secretary of Defense	269,714	242,045	257,251	257,028	21,843	0

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

Table 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Agency and subdivision	1997	1998	1999	2000	Preliminary	
					2001	2002
Department of Education	181,248	204,455	223,697	247,303	272,968	268,417
Department of Energy	6,332,812	6,600,900	6,875,935	6,873,818	7,674,776	7,294,593
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	13,045,331	14,187,939	16,167,554	18,645,491	21,592,460	24,230,117
Admin for Children & Families	17,416	23,456	24,893	27,343	27,921	28,508
Administration on Aging	4,426	10,426	18,526	2,829	3,728	0
Agency for Healthcare Research and Quality ³	143,973	146,498	182,273	198,767	269,796	306,245
Agency for Toxic Substances Disease & Registry ⁴	NA	NA	NA	14,675	15,358	16,124
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	NA	NA	NA	NA
Centers for Disease Control & Prevention	322,990	343,559	433,307	505,022	569,940	568,510
Food & Drug Administration	173,116	171,031	133,423	146,721	156,513	165,519
Health Care Financing Admin	43,601	51,236	49,671	61,482	138,311	55,311
Health Resources Admin	NA	NA	NA	NA	NA	NA
Health Resources & Svcs Admin	13,836	13,780	13,405	36,228	51,570	21,475
Health Services Administration	NA	NA	NA	NA	NA	NA
Human Development Services	NA	NA	NA	NA	NA	NA
National Institutes of Health ⁵	12,237,861	13,137,530	15,005,029	17,134,811	19,704,512	22,389,087
Off of the Asst Sec for Health	NA	NA	NA	NA	NA	NA
Office of the Secretary, total	19,030	17,002	17,720	19,785	20,177	20,604
Office of the Asst Secretary, Planning & Evaluation	18,427	13,948	13,948	16,700	17,000	17,300
Off of Public Hlth & Science	603	3,054	3,772	3,085	3,177	3,304
Social Security Administration	NA	NA	NA	NA	NA	NA
Substance Abuse & Mental Health Services Administration ⁶	69,082	273,421	289,307	497,828	634,634	658,734

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

Table 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Page 34 of 36

Agency and subdivision	1997	1998	1999	2000	Preliminary	
					2001	2002
Dept of Housing & Urban Dvlpmnt	33,457	28,007	56,969	45,560	53,922	44,104
Department of the Interior, total	587,087	533,469	642,932	581,240	625,070	565,691
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	7,093	8,835	10,269	9,848	10,154	8,400
Federal Water Pollution Control Administration	NA	NA	NA	NA	NA	NA
Geological Survey	531,225	464,106	579,087	506,128	549,499	490,780
Heritage Conservation & Recreation Service	NA	NA	NA	NA	NA	NA
Minerals Management Service	22,818	30,786	30,142	30,542	30,763	30,733
National Biological Service	NA	NA	NA	NA	NA	NA
National Park Service	25,951	29,742	23,434	34,722	34,654	35,778
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	84,743	100,578	118,605	80,501	100,548	78,982
Bureau of Prisons	4,645	8,110	10,953	7,753	7,685	7,953
Drug Enforcement Admin	31	0	0	0	0	0
Fed Bureau of Investigation	35,458	35,812	36,343	9,953	9,193	13,194
Immigration & Naturalization Service	400	0	200	550	575	600
Office of Justice Programs	44,209	56,656	71,109	62,245	83,095	57,235
Office of Legal Policy	0	0	0	0	0	0
Department of Labor, total	35,085	27,761	54,139	83,671	87,140	90,608
Bureau of Apprenticeship & Training	NA	NA	NA	NA	NA	NA
Bureau of Employment Security	NA	NA	NA	NA	NA	NA
Bureau of Labor Statistics	12,600	12,400	12,400	12,300	12,300	12,300
Employment Standards Admin	0	0	0	0	0	0
Employment & Training Admin	14,119	7,222	33,783	60,863	63,914	67,225
Labor-Management Relations & Cooperative Programs	NA	NA	NA	NA	NA	NA
Labor-Management Svcs Admin	NA	NA	NA	NA	NA	NA
Occupational Safety & Health Administration	5,461	4,592	3,757	5,790	5,516	5,661
Office of the Secretary	230	200	976	1,279	1,150	1,150
Pension & Welfare Benefits Administration	2,020	2,740	2,540	2,726	3,538	3,538
Pension Benefit Guaranty Corp	655	607	683	713	722	734
Wage & Hour Division	0	0	0	0	0	0
Post Office Department	NA	NA	NA	NA	NA	NA

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

Table 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Page 35 of 36

Agency and subdivision	1997	1998	1999	2000	Preliminary	
					2001	2002
Department of State, total	976	852	1,473	1,521	1,550	1,550
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	545,908	583,734	681,517	479,263	624,128	602,279
Coast Guard	23,277	20,699	20,535	20,263	23,914	22,922
Federal Aviation Admin	226,320	242,271	219,599	230,543	309,287	274,956
Federal Highway Administration	211,235	229,269	333,205	126,749	152,043	177,872
Federal Motor Carrier Safety Administration ⁷	NA	NA	NA	3,925	11,478	14,128
Federal Railroad Admin	19,453	22,570	20,898	27,441	32,592	31,203
Federal Transit Administration	17,011	17,583	20,544	8,888	12,594	7,120
Infrastructure Investment	NA	NA	NA	NA	NA	NA
Maritime Administration	0	0	0	0	0	0
Materials Transportation Bureau	0	0	0	0	0	0
National Highway Traffic Safety Administration	36,397	41,621	50,350	50,569	58,313	59,042
Office of the Secretary	3,526	3,433	9,097	4,034	12,922	5,193
Rsch & Special Programs Admin	8,689	6,288	7,289	6,851	10,985	9,843
Department of the Treasury, total	59,811	65,193	64,840	61,512	74,474	79,357
Bureau of Alcohol, Tobacco, & Firearms	NA	NA	NA	NA	NA	NA
Bureau of Engraving & Printing	1,704	2,799	2,110	2,847	3,469	3,500
Financial Crimes Enforcement Network	0	0	0	0	0	0
Internal Revenue Service	50,831	52,028	55,840	54,436	65,632	68,917
Office of Thrift Supervision	638	684	144	128	209	219
United States Customs Service	6,255	9,151	5,430	1,880	3,350	5,000
United States Mint	9	56	785	1,260	890	620
United States Secret Service	374	475	531	961	924	1,101
Department of Veterans Affairs	283,976	277,476	339,434	342,012	350,580	360,589
Other agencies:						
ACTION	0	0	0	0	0	0
Advisory Commission on Intergovernmental Relations	NA	NA	NA	NA	NA	NA
Appalachian Regional Commission	900	680	831	625	665	750
Atomic Energy Commission	NA	NA	NA	NA	NA	NA
Broadcasting Board of Governors ⁸	NA	NA	NA	84	5	100
Civil Aeronautics Board	NA	NA	NA	NA	NA	NA
Civil Service Commission	NA	NA	NA	NA	NA	NA
Community Services Admin	NA	NA	NA	NA	NA	NA
Consumer Product Safety Comm	78	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 ⁴	517,200	637,200	668,782	523,158	607,780	556,035
Fed Communications Commission	3,099	3,025	4,487	2,789	1,992	1,348
Federal Emergency Management Agency, total	0	0	0	0	0	0
Def Civil Preparedness Agcy	0	0	0	0	0	0
National Fire Prevention & Control Administration	0	0	0	0	0	0
Federal Energy Administration	NA	NA	NA	NA	NA	NA
Federal Trade Commission	696	1,144	1,254	674	1,272	1,484
Foundation for Ed Assistance	NA	NA	NA	NA	NA	NA
General Services Administration	19	0	0	0	0	46

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

Table 4. Federal obligations for research and development and for R&D plant, by agency: fiscal years 1967-2002

[Dollars in thousands]

Page 36 of 36

Agency and subdivision	1997	1998	1999	2000	Preliminary	
					2001	2002
International Development						
Cooperation Agency, total	206,410	212,032	203,037	218,784	226,350	227,321
Agcy for Internat'l Dvlpmt	206,410	212,032	203,037	218,784	226,350	227,321
Institute for Scientific & Technological Cooperation	0	0	0	0	0	0
Interstate Commerce Commission	0	0	0	0	0	0
Library of Congress	2,356	1,542	2,388	2,487	2,772	2,559
Nat'l Aeronautics & Space Admin ⁹	9,661,100	9,918,029	9,885,193	9,754,900	9,972,900	9,696,400
Nat'l Archives & Records Admin	120	120	120	120	120	120
National Science Foundation	2,452,346	2,473,682	2,679,571	2,942,080	3,278,248	3,226,336
Nuclear Regulatory Commission	62,102	51,700	49,000	53,000	50,000	55,000
Office of Economic Opportunity	NA	NA	NA	NA	NA	NA
Office of Emergency Preparedness	NA	NA	NA	NA	NA	NA
Office of Personnel Management	0	0	0	0	0	0
Office of Science & Technology	NA	NA	NA	NA	NA	NA
Off of Telecommunications Policy	NA	NA	NA	NA	NA	NA
Office of Thrift Supervision	NA	NA	NA	NA	NA	NA
Postal Service	0	0	0	0	0	0
Small Business Administration	0	0	0	0	0	0
Smithsonian Institution	134,000	123,000	93,000	101,000	104,000	106,000
Social Security Administration	13,618	17,422	53,282	28,683	38,500	80,400
Special Action Office for Drug Abuse Prevention	NA	NA	NA	NA	NA	NA
Tennessee Valley Authority	8,916	2,655	0	0	0	0
United States Arms Control & Disarmament Agency ¹⁰	1,200	1,200	0	0	0	0
United States Commission on Civil Rights	0	0	0	0	0	0
United States Information Agency ¹¹	152	258	117	NA	NA	NA
United States International Trade Commission ¹²	5,677	7,165	9,738	0	0	0

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

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

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