

**Table 2. Federal outlays for research and development, by agency:
fiscal years 1967-2002**

[Dollars in thousands]

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Agency and subdivision	1967	1968	1969	1970	1971	1972
Total, all agencies	16,066,340	16,325,106	15,690,377	15,155,499	15,358,027	16,162,651
Departments:						
Department of Agriculture, total	253,534	262,473	270,089	284,952	311,295	348,145
Agricultural Cooperative Svc	NA	NA	NA	NA	NA	NA
Agricultural Marketing Service	NA	NA	NA	NA	NA	0
Agricultural Research Service	NA	NA	NA	NA	NA	NA
Agricultural Stabilization & Conservation Service	0	0	0	0	0	0
Animal & Plant Health						
Inspection Service	NA	NA	NA	NA	NA	NA
Cooperative State Research, Ed, & Extension Service	NA	NA	NA	NA	NA	NA
Economic Research Service	NA	NA	NA	NA	NA	NA
Economics, Statistics, & Cooperative Svc, total	13,019	14,683	14,433	17,371	16,421	18,642
Economic Research Service	12,282	13,238	13,053	15,788	14,802	16,833
Farmer Cooperative Service	737	788	801	879	937	1,088
Statistical Reporting Svc	0	657	579	704	682	721
Economics & Statistics Service	NA	NA	NA	NA	NA	NA
Food Safety Inspection Service	NA	NA	NA	NA	NA	NA
Foreign Agricultural Service	NA	NA	NA	NA	NA	NA
Forest Service	38,043	35,577	40,591	44,880	49,073	55,183
Grain Inspection Packers & Stockyards Administration	NA	NA	NA	NA	NA	NA
Human Nutrition Info Svc	NA	NA	NA	NA	NA	NA
Nat'l Agri Statistics Svc	563	0	0	0	0	0
Natural Resources Conservation Service	0	0	0	0	0	0
Office of International Cooperation & Development	NA	NA	NA	NA	NA	NA
Office of Transportation	NA	NA	NA	NA	NA	NA
Rural Business-Cooperative Svc	NA	NA	NA	NA	NA	NA
Rural Development Service	NA	NA	NA	NA	NA	NA
Science & Ed Admin, total	201,909	212,213	215,065	222,701	245,801	274,320
Agricultural Research Svc	145,972	155,599	156,381	161,342	177,651	200,938
Cooperative State Rsch Svc	55,783	56,318	58,290	61,053	67,763	73,085
Nat'l Agricultural Library	154	296	394	306	387	297
Department of Commerce, total	68,733	75,397	75,057	122,879	118,192	164,143
Bureau of the Census	2,466	2,287	2,344	3,038	4,177	3,843
Economic Development Admin	8,900	13,643	6,134	10,379	5,008	5,446
Env Science Svcs Admin	22,411	23,823	26,058	NA	NA	NA
Maritime Administration	6,217	8,010	9,888	6,913	9,237	11,065
Minority Business Dvlpmt Agcy	2,619	3,677	2,696	3,687	0	0
National Fire Prevention & Control Administration	NA	NA	NA	NA	NA	NA
Nat'l Inst of Standards & Tech	25,700	23,492	27,512	29,128	31,788	33,729
National Oceanic & Atmospheric Administration	0	0	0	69,350	65,424	106,953
Nat'l Technical Information Svc	NA	NA	NA	NA	NA	NA
National Telecommunications & Information Administration	NA	NA	NA	NA	NA	NA
Office of Productivity, Technology, & Innovation	0	0	0	0	0	0
Office of the Secretary	0	0	0	0	0	0
Office of Telecommunications	0	0	0	0	1,981	2,550
Patent & Trademark Office	420	465	425	384	577	557
United States Travel & Tourism Administration	0	0	0	0	0	0

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

**Table 2. Federal outlays for research and development, by agency:
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[Dollars in thousands]

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Agency and subdivision	1967	1968	1969	1970	1971	1972
Department of Defense, total	7,606,525	7,990,123	7,660,456	7,447,091	7,561,459	8,138,758
Defense Agencies, total	505,424	507,317	480,049	448,378	493,774	450,701
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	3,452,953	3,927,181	3,513,793	3,088,536	2,975,900	3,362,607
DT&E Support from Operations & Maintenance	10,796	1,750	0	0	0	0
DT&E Support from Procurement Appropriations	28,085	0	0	0	0	0
Housing for Military Personnel in R&D	0	9,416	0	0	0	0
Military Construction	0	0	0	0	0	0
Pay & Allowances of Military Personnel in R&D	184,880	164,727	181,058	202,477	201,022	206,157
RDT&E Appropriation	3,229,192	3,751,288	3,332,735	2,885,997	2,774,738	3,156,450
Special Foreign Currency Program	0	0	0	62	140	0
Department of the Army, total	1,709,352	1,495,534	1,577,340	1,753,484	1,637,865	1,859,363
Department of the Army, Civil Functions	7,934	7,146	9,076	9,498	9,321	9,751
Department of the Army, Military Functions	1,701,418	1,488,388	1,568,264	1,743,986	1,628,544	1,849,612
Housing for Military Personnel in R&D	0	1,106	0	0	0	0
Military Construction	0	0	0	0	0	0
Pay & Allowances of Military Personnel in R&D	61,605	66,073	56,700	80,700	65,276	77,757
RDT&E Appropriation	1,633,950	1,421,209	1,511,564	1,663,286	1,563,268	1,771,855
Special Foreign Currency Program	0	0	0	0	0	0
Support from Procurement Appropriations	5,863	0	0	0	0	0
Department of the Navy, total	1,928,883	2,052,855	2,080,044	2,150,823	2,449,426	2,462,107
DT&E Support from Operations & Maintenance	11,507	9,028	0	0	0	0
DT&E Support from Procurement Appropriations	64,849	2,049	0	0	0	0
Housing for Military Personnel in R&D	0	7,275	0	0	0	0
Military Construction	0	0	0	0	0	0
Pay & Allowances of Military Personnel in R&D	61,415	61,540	51,697	73,360	63,960	67,585
RDT&E Appropriation	1,791,101	1,972,963	0	2,076,848	2,384,606	2,393,633
Special Foreign Currency Program	11	0	168	615	860	889
Def Civil Preparedness Agcy	9,913	7,236	9,230	5,870	4,494	3,980
Health Affairs, Assistant Secretary of Defense for	NA	NA	NA	NA	NA	NA
Operational Test & Evaluation, Director	NA	NA	NA	NA	NA	NA
Test & Evaluation, Deputy Under Secretary of Defense	0	0	0	0	0	0

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

**Table 2. Federal outlays for research and development, 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	993,487	1,216,512	1,186,688	1,217,944	1,282,498	1,516,654
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	85,003	56,751	41,404	0	0	0
Food & Drug Administration	10,520	0	7,985	18,679	23,455	25,912
Health Care Financing Admin	NA	NA	NA	NA	NA	NA
Health Resources Admin	0	0	0	0	0	0
Health Services Administration	0	0	0	0	0	0
Hlth Svcs & Mental Health Admin	76,147	149,060	143,683	180,185	194,976	236,899
National Inst of Education	0	0	0	0	0	0
National Institutes of Health	710,209	875,233	852,293	876,592	905,846	1,087,365
Off of Asst Sec for Education	0	0	0	0	0	0
Off of the Asst Sec for Health	0	0	0	0	0	0
Office of Child Development	0	0	0	1,000	3,868	17,200
Office of Education	69,967	86,815	93,411	92,713	111,173	94,938
Office of Human Dvlpmt Svcs	0	0	0	0	0	0
Office of International Health	0	0	0	0	0	0
Office of the Secretary	0	0	0	0	0	0
Social & Rehabilitation Svc	37,876	43,000	40,821	36,606	32,654	40,862
Social Security Administration	3,765	5,653	7,091	12,169	10,526	13,478
Department of Health & Human Services, total	NA	NA	NA	NA	NA	NA
Admin for Children & Families	NA	NA	NA	NA	NA	NA
Administration on Aging	NA	NA	NA	NA	NA	NA
Agency for Healthcare Research and Quality ³	NA	NA	NA	NA	NA	NA
Agency for Toxic Substances Disease & Registry ⁴	NA	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	NA	NA	NA	NA
Centers for Disease Control & Prevention	NA	NA	NA	NA	NA	NA
Food & Drug Administration	NA	NA	NA	NA	NA	NA
Health Care Financing Admin	NA	NA	NA	NA	NA	NA
Health Resources Admin	NA	NA	NA	NA	NA	NA
Health Resources & Svcs Admin	NA	NA	NA	NA	NA	NA
Health Services Administration	NA	NA	NA	NA	NA	NA
Human Development Services	NA	NA	NA	NA	NA	NA
National Institutes of Health ⁵	NA	NA	NA	NA	NA	NA
Off of the Asst Sec for Health	NA	NA	NA	NA	NA	NA
Office of the Secretary, total	NA	NA	NA	NA	NA	NA
Office of the Asst Secretary, Planning & Evaluation	NA	NA	NA	NA	NA	NA
Off of Public Hlth & Science	NA	NA	NA	NA	NA	NA
Social Security Administration	NA	NA	NA	NA	NA	NA
Substance Abuse & Mental Health Services Administration ⁶	NA	NA	NA	NA	NA	NA

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

**Table 2. Federal outlays for research and development, by agency:
fiscal years 1967-2002**

[Dollars in thousands]

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Agency and subdivision	1967	1968	1969	1970	1971	1972
Dept of Housing & Urban Dvlpmnt	8,350	6,850	13,275	15,319	40,462	50,090
Department of the Interior, total	147,085	178,174	195,783	150,375	175,880	208,219
Bonneville Power Admin	770	1,149	1,417	2,120	1,853	2,491
Bureau of Land Management	716	754	724	729	772	816
Bureau of Mines	31,618	33,699	35,598	37,303	49,973	66,171
Bureau of Reclamation	5,950	6,777	7,087	7,546	9,044	9,894
Federal Water Pollution Control Administration	14,815	16,465	22,294	NA	NA	NA
Geological Survey	31,898	35,300	35,204	39,562	41,856	50,159
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	5,762	5,894	7,442	10,313	13,680	14,892
Office of the Secretary	0	0	0	0	27	455
Office of Surface Mining Reclamation & Enforcement	0	0	0	0	0	0
Office of Water Research & Technology, total	17,777	34,140	36,105	34,683	37,497	41,320
Office of Saline Water	11,551	25,379	25,949	23,302	26,197	28,547
Off of Water Resources Rsch	6,226	8,761	10,156	11,381	11,300	12,773
United States Fish & Wildlife Service, total	35,103	41,221	47,075	18,027	19,852	20,693
Bureau of Commercial Fisheries	24,581	27,722	30,062	NA	NA	NA
Bureau of Sport Fisheries & Wildlife	10,522	13,499	17,013	NA	NA	NA
Department of Justice, total	216	690	4,526	3,638	9,853	11,901
Bureau of Prisons	0	140	215	157	328	459
Drug Enforcement Admin	0	307	774	778	1,290	1,077
Fed Bureau of Investigation	216	243	237	231	425	807
Immigration & Naturalization Service	0	0	0	0	0	0
Office of Justice Programs	0	0	3,300	2,472	7,810	9,558
Office of Legal Policy	0	0	0	0	0	0
Department of Labor, total	11,738	11,239	12,690	19,823	22,127	23,048
Bureau of Apprenticeship & Training	185	118	0	0	0	0
Bureau of Employment Security	1,623	0	0	0	0	0
Bureau of Labor Statistics	3,419	3,406	3,752	3,815	3,636	4,707
Employment Standards Admin	249	262	2,332	1,994	1,456	1,598
Employment & Training Admin	4,876	4,908	6,465	13,724	16,062	15,607
Labor-Management Relations & Cooperative Programs	NA	NA	NA	NA	NA	NA
Labor-Management Svcs Admin	117	1,218	141	290	547	690
Occupational Safety & Health Administration	0	0	0	0	326	218
Office of the Secretary	0	118	0	0	100	228
Pension & Welfare Benefits Administration	NA	NA	NA	NA	NA	NA
Pension Benefit Guaranty Corp	NA	NA	NA	NA	NA	NA
Wage & Hour Division	1,269	1,209	0	0	0	0
Post Office Department	12,248	13,284	20,926	29,739	NA	NA

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Agency and subdivision	1967	1968	1969	1970	1971	1972
Department of State, total	12,326	12,026	13,391	21,398	28,500	18,438
Agcy for Internat'l Dvlpmt	11,743	11,502	12,925	20,870	28,150	17,888
Bureau of Intelligence & Rsch	125	125	0	0	0	0
Departmental Funds	0	0	125	125	350	550
Peace Corps	458	399	341	403	0	0
Dept of Transportation, total	230,534	212,327	203,191	258,929	468,165	273,715
Coast Guard	7,485	12,557	13,760	16,733	23,150	23,204
Federal Aviation Admin	191,931	147,477	124,028	53,671	339,322	106,066
Federal Highway Administration	23,730	38,545	39,084	32,444	28,302	22,805
Federal Motor Carrier Safety Administration ⁷	NA	NA	NA	NA	NA	NA
Federal Railroad Admin	4,495	12,958	11,503	8,390	21,006	16,700
Federal Transit Administration	0	0	12,616	9,491	16,645	56,945
Infrastructure Investment	NA	NA	NA	NA	NA	NA
Maritime Administration	NA	NA	NA	NA	NA	NA
Materials Transportation Bureau	0	0	0	0	0	0
National Highway Traffic Safety Administration	0	0	0	19,492	22,854	34,755
Office of the Secretary	2,893	790	2,200	118,708	16,886	13,240
Rsch & Special Programs Admin	NA	NA	NA	NA	NA	NA
Department of the Treasury, total	606	831	628	610	801	1,251
Bureau of Alcohol, Tobacco, & Firearms	0	0	0	0	0	0
Bureau of Engraving & Printing	606	831	628	610	801	1,251
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	41,331	44,104	49,839	58,007	60,822	66,463
Other agencies:						
ACTION	0	0	0	0	130	0
Advisory Commission on Intergovernmental Relations	130	294	358	553	544	699
Appalachian Regional Commission	0	0	0	0	1,647	NA
Atomic Energy Commission	1,257,342	1,368,999	1,405,944	1,345,989	1,302,926	1,297,668
Broadcasting Board of Governors ⁸	NA	NA	NA	NA	NA	NA
Civil Aeronautics Board	0	0	0	0	0	0
Civil Service Commission	118	262	246	449	551	1,027
Community Services Admin	NA	NA	NA	NA	NA	NA
Consumer Product Safety Comm	0	0	0	0	0	0
Energy Research & Dvlpmt Admin	0	0	0	0	0	0
Energy Security Trust Fund	NA	NA	NA	NA	NA	NA
Environmental Protection Agency ⁴	0	0	0	68,090	100,634	133,101
Fed Communications Commission	390	380	1,164	1,000	600	661
Federal Emergency Management Agency, total	NA	NA	NA	NA	NA	NA
Def Civil Preparedness Agcy	NA	NA	NA	NA	NA	NA
National Fire Prevention & Control Administration	NA	NA	NA	NA	NA	NA
Federal Energy Administration	0	0	0	0	0	0
Federal Trade Commission	330	350	463	388	440	607
Foundation for Ed Assistance	NA	NA	NA	NA	NA	NA
General Services Administration	0	170	323	325	198	252

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Agency and subdivision	1967	1968	1969	1970	1971	1972
International Development						
Cooperation Agency, total	NA	NA	NA	NA	NA	NA
Agcy for Internat'l Dvlpmt	NA	NA	NA	NA	NA	NA
Institute for Scientific & Technological Cooperation	0	0	0	0	0	0
Interstate Commerce Commission	0	0	0	0	0	0
Library of Congress	689	1,303	1,610	1,887	2,563	2,107
Nat'l Aeronautics & Space Admin ⁹	5,130,549	4,589,721	4,181,597	3,696,527	3,337,770	3,372,543
Nat'l Archives & Records Admin	NA	NA	NA	NA	NA	NA
National Science Foundation	224,400	266,900	280,000	292,895	334,710	417,500
Nuclear Regulatory Commission	NA	NA	NA	NA	NA	NA
Office of Economic Opportunity	36,720	40,984	77,088	79,273	129,500	81,200
Office of Emergency Preparedness	717	718	671	662	156	673
Office of Personnel Management	NA	NA	NA	NA	NA	NA
Office of Science & Technology	1,102	1,212	1,796	1,858	2,004	1,719
Off of Telecommunications Policy	0	0	0	0	200	655
Office of Thrift Supervision	299	433	347	390	395	492
Postal Service	NA	NA	NA	NA	33,772	0
Small Business Administration	45	160	174	116	0	0
Smithsonian Institution	11,844	13,268	16,760	20,120	17,161	18,877
Social Security Administration	NA	NA	NA	NA	NA	NA
Special Action Office for Drug Abuse Prevention	0	0	0	0	0	0
Tennessee Valley Authority	7,102	7,813	8,256	8,151	9,284	10,118
United States Arms Control & Disarmament Agency ¹⁰	7,762	7,910	6,859	5,947	2,569	1,839
United States Commission on Civil Rights	0	0	0	0	0	0
United States Information Agency ¹¹	88	199	182	175	219	88
United States International Trade Commission ¹²	0	0	0	0	0	0

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**Table 2. Federal outlays for research and development, by agency:
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Agency and subdivision	1973	1974	1975	1976	1977	1978
Total, all agencies	16,850,405	17,592,502	18,721,158	20,220,243	22,082,696	24,020,134
Departments:						
Department of Agriculture, total	348,496	375,574	417,703	460,016	515,255	553,796
Agricultural Cooperative Svc	NA	NA	NA	NA	NA	NA
Agricultural Marketing Service	0	0	0	0	0	0
Agricultural Research Service	NA	NA	NA	NA	NA	NA
Agricultural Stabilization & Conservation Service	0	0	0	0	0	0
Animal & Plant Health						
Inspection Service	NA	NA	NA	NA	0	0
Cooperative State Research, Ed, & Extension Service	NA	NA	NA	NA	NA	NA
Economic Research Service	NA	NA	NA	NA	NA	NA
Economics, Statistics, & Cooperative Svc, total	17,012	19,957	24,717	26,910	30,495	32,400
Economic Research Service	15,154	18,140	22,240	23,564	NA	NA
Farmer Cooperative Service	1,141	1,218	1,240	1,354	NA	NA
Statistical Reporting Svc	717	599	1,237	1,992	NA	NA
Economics & Statistics Service	NA	NA	NA	NA	NA	NA
Food Safety Inspection Service	NA	NA	NA	NA	NA	NA
Foreign Agricultural Service	NA	NA	NA	NA	NA	NA
Forest Service	54,717	63,347	68,584	86,907	89,033	84,632
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	276,767	292,270	324,402	346,199	395,727	436,764
Agricultural Research Svc	194,668	207,100	228,792	241,984	275,648	301,914
Cooperative State Rsch Svc	81,825	85,001	95,534	104,196	120,079	134,850
Nat'l Agricultural Library	274	169	76	19	NA	NA
Department of Commerce, total	180,391	176,312	214,056	225,503	232,500	269,196
Bureau of the Census	1,035	988	975	2,494	2,535	3,302
Economic Development Admin	5,132	5,436	15,030	13,571	20,000	25,075
Env Science Svcs Admin	NA	NA	NA	NA	NA	NA
Maritime Administration	21,398	23,646	27,081	22,780	15,100	18,500
Minority Business Dvlpmt Agcy	1,448	1,459	1,816	3,161	1,586	0
National Fire Prevention & Control Administration	NA	NA	2,400	4,611	6,576	NA
Nat'l Inst of Standards & Tech	35,597	40,703	45,331	47,972	52,573	58,095
National Oceanic & Atmospheric Administration	110,932	101,574	119,775	129,397	131,176	162,458
Nat'l Technical Information Svc	NA	NA	0	0	0	0
National Telecommunications & Information Administration	NA	NA	NA	NA	2,500	1,266
Office of Productivity, Technology, & Innovation	NA	NA	NA	NA	NA	NA
Office of the Secretary	0	0	0	0	0	0
Office of Telecommunications	3,487	2,031	1,148	1,147	NA	NA
Patent & Trademark Office	609	475	500	370	454	500
United States Travel & Tourism Administration	753	0	0	0	0	0

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Agency and subdivision	1973	1974	1975	1976	1977	1978
Department of Defense, total	8,440,638	8,814,882	9,210,629	9,301,287	10,182,377	10,622,819
Defense Agencies, total	438,282	467,437	536,221	500,300	603,260	548,457
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	3,533,094	3,374,082	3,513,060	3,568,120	3,862,173	3,719,811
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	0	0	0	0	0	0
Pay & Allowances of Military Personnel in R&D	210,607	216,393	241,547	245,100	243,700	261,687
RDT&E Appropriation	3,322,487	3,157,689	3,271,513	3,323,020	3,618,473	3,458,124
Special Foreign Currency Program	0	0	0	0	0	0
Department of the Army, total	1,996,421	2,277,225	2,053,053	1,948,952	2,180,244	2,457,518
Department of the Army, Civil Functions	11,816	11,200	11,500	25,440	23,855	26,523
Department of the Army, Military Functions	1,984,605	2,266,025	2,041,553	1,923,512	2,156,389	2,430,995
Housing for Military Personnel in R&D	0	0	0	0	0	0
Military Construction	0	0	0	0	0	0
Pay & Allowances of Military Personnel in R&D	83,335	86,606	84,107	86,900	88,800	88,787
RDT&E Appropriation	1,901,270	2,179,419	1,957,446	1,836,612	2,067,589	2,342,208
Special Foreign Currency Program	0	0	0	0	0	0
Support from Procurement Appropriations	0	0	0	0	0	0
Department of the Navy, total	2,466,389	2,668,284	3,078,498	3,260,798	3,518,969	3,870,268
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	0	0	0	0	0	0
Pay & Allowances of Military Personnel in R&D	86,000	84,200	90,300	81,100	80,700	83,742
RDT&E Appropriation	2,379,199	2,582,433	2,986,979	3,174,937	3,435,413	3,784,171
Special Foreign Currency Program	1,190	1,651	1,219	4,761	2,856	2,355
Def Civil Preparedness Agcy	3,048	2,320	2,976	2,200	1,200	2,900
Health Affairs, Assistant Secretary of Defense for	NA	NA	NA	NA	NA	NA
Operational Test & Evaluation, Director	NA	NA	NA	NA	NA	NA
Test & Evaluation, Deputy Under Secretary of Defense	3,404	25,534	26,821	20,917	16,531	23,865

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

**Table 2. Federal outlays for research and development, by agency:
fiscal years 1967-2002**

[Dollars in thousands]

Agency and subdivision	1973	1974	1975	1976	1977	1978
Department of Education	NA	NA	NA	NA	NA	NA
Department of Energy	NA	NA	NA	NA	3,165,988	3,931,656
Dept of Health, Education, & Welfare, total	1,815,657	1,927,323	2,082,280	2,562,646	2,576,634	3,002,203
Alcohol, Drug Abuse, & Mental Health Administration	112,624	127,329	114,129	145,129	167,187	179,856
Center for Disease Control	36,104	42,213	44,645	37,138	42,586	58,274
Environmental Health Service	0	0	0	0	0	0
Food & Drug Administration	24,139	20,334	27,578	18,518	24,357	54,730
Health Care Financing Admin	NA	NA	NA	NA	29,998	14,200
Health Resources Admin	54,147	43,027	59,619	24,675	1,400	6,703
Health Services Administration	13,605	12,332	9,887	11,269	15,570	15,719
Hlth Svcs & Mental Health Admin	0	0	0	0	0	0
National Inst of Education	35,830	96,900	82,770	69,778	59,693	74,812
National Institutes of Health	1,333,278	1,407,569	1,602,757	2,066,499	2,063,681	2,440,296
Off of Asst Sec for Education	0	0	475	1,531	1,654	1,132
Off of the Asst Sec for Health	0	0	0	0	28,080	13,269
Office of Child Development	0	0	0	0	0	0
Office of Education	93,957	62,755	53,126	56,758	30,262	25,837
Office of Human Dvlpmt Svcs	28,768	52,993	47,226	61,371	80,014	75,274
Office of International Health	703	3,696	NA	NA	NA	NA
Office of the Secretary	0	29,755	8,706	32,500	21,252	30,201
Social & Rehabilitation Svc	64,148	9,220	10,100	18,580	NA	NA
Social Security Administration	18,354	19,200	21,262	18,900	10,900	11,900
Department of Health & Human Services, total	NA	NA	NA	NA	NA	NA
Admin for Children & Families	NA	NA	NA	NA	NA	NA
Administration on Aging	NA	NA	NA	NA	NA	NA
Agency for Healthcare Research and Quality ³	NA	NA	NA	NA	NA	NA
Agency for Toxic Substances Disease & Registry ⁴	NA	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	NA	NA	NA	NA
Centers for Disease Control & Prevention	NA	NA	NA	NA	NA	NA
Food & Drug Administration	NA	NA	NA	NA	NA	NA
Health Care Financing Admin	NA	NA	NA	NA	NA	NA
Health Resources Admin	NA	NA	NA	NA	NA	NA
Health Resources & Svcs Admin	NA	NA	NA	NA	NA	NA
Health Services Administration	NA	NA	NA	NA	NA	NA
Human Development Services	NA	NA	NA	NA	NA	NA
National Institutes of Health ⁵	NA	NA	NA	NA	NA	NA
Off of the Asst Sec for Health	NA	NA	NA	NA	NA	NA
Office of the Secretary, total	NA	NA	NA	NA	NA	NA
Office of the Asst Secretary, Planning & Evaluation	NA	NA	NA	NA	NA	NA
Off of Public Hlth & Science	NA	NA	NA	NA	NA	NA
Social Security Administration	NA	NA	NA	NA	NA	NA
Substance Abuse & Mental Health Services Administration ⁶	NA	NA	NA	NA	NA	NA

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

**Table 2. Federal outlays for research and development, by agency:
fiscal years 1967-2002**

[Dollars in thousands]

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Agency and subdivision	1973	1974	1975	1976	1977	1978
Dept of Housing & Urban Dvlpmt	47,763	58,382	58,737	60,274	68,981	59,269
Department of the Interior, total	237,442	192,831	263,562	318,951	299,512	332,265
Bonneville Power Admin	2,191	1,788	3,673	8,253	0	0
Bureau of Land Management	722	663	523	728	881	1,228
Bureau of Mines	68,553	66,705	82,681	113,700	100,741	104,113
Bureau of Reclamation	9,514	6,883	8,006	8,733	10,126	10,873
Federal Water Pollution Control Administration	NA	NA	NA	NA	NA	NA
Geological Survey	62,101	68,274	95,176	115,664	112,205	128,711
Heritage Conservation & Recreation Service	24	20	20	20	20	NA
Minerals Management Service	NA	NA	NA	NA	NA	NA
National Biological Service	NA	NA	NA	NA	NA	NA
National Park Service	1,547	2,460	8,377	9,272	7,598	7,700
National Resources Library	NA	NA	0	0	NA	NA
Office of Coal Research	22,301	NA	NA	NA	NA	NA
Office of the Secretary	30,681	617	1,089	717	1,015	2,115
Office of Surface Mining Reclamation & Enforcement	NA	NA	NA	NA	0	0
Office of Water Research & Technology, total	13,085	22,334	23,015	19,011	13,303	16,985
Office of Saline Water	NA	NA	NA	NA	NA	NA
Off of Water Resources Rsch	13,085	NA	NA	NA	NA	NA
United States Fish & Wildlife Service, total	26,723	23,087	41,002	42,853	53,623	60,540
Bureau of Commercial Fisheries	NA	NA	NA	NA	NA	NA
Bureau of Sport Fisheries & Wildlife	NA	NA	NA	NA	NA	NA
Department of Justice, total	22,177	40,490	43,809	39,918	33,709	33,457
Bureau of Prisons	541	502	610	731	1,020	1,844
Drug Enforcement Admin	882	4,866	3,359	2,600	3,834	1,700
Fed Bureau of Investigation	854	622	580	1,387	1,145	889
Immigration & Naturalization Service	0	0	59	0	155	254
Office of Justice Programs	19,900	34,500	39,201	35,200	27,555	27,139
Office of Legal Policy	0	0	0	0	0	1,631
Department of Labor, total	18,334	22,477	25,358	27,814	28,062	97,629
Bureau of Apprenticeship & Training	NA	NA	NA	NA	NA	NA
Bureau of Employment Security	NA	NA	NA	NA	NA	NA
Bureau of Labor Statistics	998	1,662	1,830	1,308	1,372	1,238
Employment Standards Admin	1,320	879	3,222	4,097	4,313	3,642
Employment & Training Admin	14,607	16,107	15,476	17,545	16,755	86,599
Labor-Management Relations & Cooperative Programs	NA	NA	NA	NA	NA	NA
Labor-Management Svcs Admin	445	603	814	731	1,936	2,650
Occupational Safety & Health Administration	253	1,399	2,028	2,900	3,441	1,300
Office of the Secretary	711	1,827	1,988	1,233	245	2,200
Pension & Welfare Benefits Administration	NA	NA	NA	NA	NA	NA
Pension Benefit Guaranty Corp	NA	NA	NA	NA	NA	NA
Wage & Hour Division	0	0	0	0	0	0
Post Office Department	NA	NA	NA	NA	NA	NA

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

**Table 2. Federal outlays for research and development, by agency:
fiscal years 1967-2002**

[Dollars in thousands]

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Agency and subdivision	1973	1974	1975	1976	1977	1978
Department of State, total	20,230	24,549	28,355	25,879	40,065	57,360
Agcy for Internat'l Dvlpmt	18,741	22,998	27,118	24,268	37,785	54,512
Bureau of Intelligence & Rsch	0	0	0	0	0	0
Departmental Funds	1,489	1,551	1,237	1,611	2,280	2,848
Peace Corps	0	0	0	0	0	0
Dept of Transportation, total	312,290	328,380	324,530	323,600	346,004	364,050
Coast Guard	27,957	21,115	15,483	17,300	16,500	19,600
Federal Aviation Admin	88,082	115,208	110,881	112,700	99,800	99,200
Federal Highway Administration	23,383	33,116	26,374	42,500	52,600	52,500
Federal Motor Carrier Safety Administration ⁷	NA	NA	NA	NA	NA	NA
Federal Railroad Admin	31,758	34,408	42,032	40,500	45,600	51,500
Federal Transit Administration	69,034	54,137	59,099	46,900	50,400	52,500
Infrastructure Investment	NA	NA	NA	NA	NA	NA
Maritime Administration	NA	NA	NA	NA	NA	NA
Materials Transportation Bureau	0	0	0	0	0	0
National Highway Traffic Safety Administration	47,609	44,400	36,179	33,800	49,300	68,300
Office of the Secretary	24,467	25,996	34,482	29,900	31,804	19,650
Rsch & Special Programs Admin	NA	NA	NA	NA	0	800
Department of the Treasury, total	1,000	1,125	1,665	3,735	4,940	9,878
Bureau of Alcohol, Tobacco, & Firearms	0	0	0	0	1,105	1,974
Bureau of Engraving & Printing	1,000	1,125	1,665	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	953	1,335	1,804
United States Mint	0	0	0	0	0	0
United States Secret Service	NA	NA	NA	NA	NA	NA
Department of Veterans Affairs	75,017	80,368	94,807	97,679	106,928	114,270
Other agencies:						
ACTION	0	101	26	75	353	1,633
Advisory Commission on Intergovernmental Relations	761	1,009	1,060	964	1,339	1,492
Appalachian Regional Commission	NA	NA	NA	719	570	460
Atomic Energy Commission	1,363,196	NA	NA	NA	NA	NA
Broadcasting Board of Governors ⁸	NA	NA	NA	NA	NA	NA
Civil Aeronautics Board	0	0	0	0	0	0
Civil Service Commission	2,372	3,085	4,392	4,049	3,905	NA
Community Services Admin	NA	41,823	24,500	10,000	21,000	24,100
Consumer Product Safety Comm	6	4,257	5,994	3,628	6,803	3,900
Energy Research & Dvlpmt Admin	0	1,488,903	1,835,400	2,189,500	NA	NA
Energy Security Trust Fund	NA	NA	NA	NA	NA	NA
Environmental Protection Agency ⁴	144,678	161,306	207,226	258,961	281,324	310,306
Fed Communications Commission	665	1,181	849	1,071	1,878	2,400
Federal Emergency Management Agency, total	NA	NA	NA	NA	NA	6,795
Def Civil Preparedness Agcy	NA	NA	NA	NA	NA	NA
National Fire Prevention & Control Administration	NA	NA	NA	NA	NA	6,795
Federal Energy Administration	0	0	1,046	3,252	NA	NA
Federal Trade Commission	670	932	934	850	1,111	1,356
Foundation for Ed Assistance	NA	NA	NA	NA	NA	NA
General Services Administration	517	1,783	1,708	1,212	915	2,666

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

**Table 2. Federal outlays for research and development, by agency:
fiscal years 1967-2002**

[Dollars in thousands]

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Agency and subdivision	1973	1974	1975	1976	1977	1978
International Development						
Cooperation Agency, total	NA	NA	NA	NA	NA	NA
Agcy for Internat'l Dvlpmt	NA	NA	NA	NA	NA	NA
Institute for Scientific & Technological Cooperation	0	0	0	0	0	0
Interstate Commerce Commission	0	0	0	123	64	250
Library of Congress	2,475	2,143	2,472	2,893	3,600	4,700
Nat'l Aeronautics & Space Admin ⁹	3,270,502	3,181,089	3,181,184	3,548,105	3,344,160	3,307,872
Nat'l Archives & Records Admin	NA	NA	NA	NA	NA	NA
National Science Foundation	427,805	570,678	571,300	619,000	649,600	700,519
Nuclear Regulatory Commission	NA	42,338	55,815	73,337	101,716	125,441
Office of Economic Opportunity	76,900	NA	NA	NA	NA	NA
Office of Emergency Preparedness	NA	NA	NA	NA	NA	NA
Office of Personnel Management	NA	NA	NA	NA	NA	4,474
Office of Science & Technology	NA	NA	NA	NA	NA	NA
Off of Telecommunications Policy	811	534	4,147	4,704	NA	NA
Office of Thrift Supervision	530	664	663	782	1,665	977
Postal Service	0	0	0	0	0	0
Small Business Administration	0	0	172	52	466	0
Smithsonian Institution	22,691	22,244	24,185	27,534	29,824	34,575
Social Security Administration	NA	NA	NA	NA	NA	NA
Special Action Office for Drug Abuse Prevention	32	11,112	14,937	NA	NA	NA
Tennessee Valley Authority	14,269	13,154	16,545	18,713	26,475	31,467
United States Arms Control & Disarmament Agency ¹⁰	1,966	1,359	1,005	1,825	2,238	3,636
United States Commission on Civil Rights	0	0	0	0	0	0
United States Information Agency ¹¹	124	114	107	92	86	148
United States International Trade Commission ¹²	0	0	0	1,500	2,649	3,119

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

**Table 2. Federal outlays for research and development, by agency:
fiscal years 1967-2002**

[Dollars in thousands]

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Agency and subdivision	1979	1980	1981	1982	1983	1984
Total, all agencies	25,838,175	29,154,173	32,459,127	34,390,718	36,659,424	39,690,994
Departments:						
Department of Agriculture, total	608,742	659,849	743,432	807,159	825,974	864,309
Agricultural Cooperative Svc	NA	1,633	1,264	1,711	2,130	2,199
Agricultural Marketing Service	904	1,277	1,210	1,526	649	1,716
Agricultural Research Service	NA	NA	390,087	417,545	438,700	454,300
Agricultural Stabilization & Conservation Service	0	0	0	0	0	0
Animal & Plant Health						
Inspection Service	0	0	0	0	0	0
Cooperative State Research, Ed, & Extension Service	NA	NA	198,992	219,846	219,582	235,682
Economic Research Service	NA	NA	38,026	36,981	36,836	40,929
Economics, Statistics, & Cooperative Svc, total	35,600	NA	NA	NA	NA	NA
Economic Research Service	NA	NA	NA	NA	NA	NA
Farmer Cooperative Service	NA	NA	NA	NA	NA	NA
Statistical Reporting Svc	NA	NA	NA	NA	NA	NA
Economics & Statistics Service	NA	31,051	NA	NA	NA	NA
Food Safety Inspection Service	NA	NA	0	0	0	0
Foreign Agricultural Service	NA	NA	NA	NA	NA	0
Forest Service	102,200	96,960	98,645	113,245	109,764	108,811
Grain Inspection Packers & Stockyards Administration	0	0	0	0	0	0
Human Nutrition Info Svc	NA	NA	0	3,800	5,766	7,913
Nat'l Agri Statistics Svc	NA	NA	7,500	7,000	7,600	8,200
Natural Resources Conservation Service	0	0	0	0	0	0
Office of International Cooperation & Development	0	6,446	6,853	4,615	4,098	3,554
Office of Transportation	519	767	855	890	849	1,005
Rural Business-Cooperative Svc	NA	NA	NA	NA	NA	NA
Rural Development Service	NA	NA	NA	NA	NA	NA
Science & Ed Admin, total	469,519	521,715	NA	NA	NA	NA
Agricultural Research Svc	312,926	347,470	NA	NA	NA	NA
Cooperative State Rsch Svc	156,593	174,245	NA	NA	NA	NA
Nat'l Agricultural Library	NA	NA	NA	NA	NA	NA
Department of Commerce, total	305,236	355,875	345,451	285,447	334,534	327,039
Bureau of the Census	2,742	3,157	3,812	3,745	4,268	4,396
Economic Development Admin	26,700	35,500	35,500	12,100	5,300	5,148
Env Science Svcs Admin	NA	NA	NA	NA	NA	NA
Maritime Administration	18,170	23,519	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	63,400	76,847	83,858	86,596	93,301	94,098
National Oceanic & Atmospheric Administration	190,110	206,700	208,142	174,100	222,037	214,700
Nat'l Technical Information Svc	0	0	0	0	0	0
National Telecommunications & Information Administration	3,300	9,100	12,923	8,000	9,620	8,605
Office of Productivity, Technology, & Innovation	NA	NA	NA	NA	NA	NA
Office of the Secretary	279	592	109	200	8	92
Office of Telecommunications	NA	NA	NA	NA	NA	NA
Patent & Trademark Office	535	460	1,107	706	0	0
United States Travel & Tourism Administration	0	0	0	0	0	0

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

**Table 2. Federal outlays for research and development, by agency:
fiscal years 1967-2002**

[Dollars in thousands]

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Agency and subdivision	1979	1980	1981	1982	1983	1984
Department of Defense, total	11,497,302	13,501,433	15,754,518	18,251,248	21,105,830	22,619,303
Defense Agencies, total	798,281	978,235	1,152,641	1,394,775	1,811,541	1,213,649
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	4,263,050	5,220,563	6,626,612	8,141,404	9,537,200	10,658,482
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	0	0	0	0	0	0
Pay & Allowances of Military Personnel in R&D	248,193	261,000	328,700	388,400	405,900	436,150
RDT&E Appropriation	4,014,857	4,959,563	6,297,912	7,753,004	9,131,300	10,222,332
Special Foreign Currency Program	0	0	0	0	0	0
Department of the Army, total	2,534,119	2,845,286	3,114,811	3,400,851	3,826,959	3,982,999
Department of the Army, Civil Functions	25,592	29,755	30,025	29,038	28,685	28,253
Department of the Army, Military Functions	2,508,527	2,815,531	3,084,786	3,371,813	3,798,274	3,954,746
Housing for Military Personnel in R&D	0	0	0	0	0	0
Military Construction	0	0	0	0	0	0
Pay & Allowances of Military Personnel in R&D	100,757	110,400	129,900	145,300	144,300	150,600
RDT&E Appropriation	2,407,770	2,705,131	2,954,886	3,226,513	3,653,714	3,803,530
Special Foreign Currency Program	0	0	0	0	260	616
Support from Procurement Appropriations	0	0	0	0	0	0
Department of the Navy, total	3,873,532	4,416,958	4,824,711	5,269,437	5,886,809	6,709,436
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	0	0	0	0	0	0
Pay & Allowances of Military Personnel in R&D	86,621	95,900	119,300	129,900	132,600	145,349
RDT&E Appropriation	3,780,849	4,318,458	4,702,911	5,136,015	5,752,891	6,563,795
Special Foreign Currency Program	6,062	2,600	2,500	3,522	1,318	292
Def Civil Preparedness Agcy	NA	NA	NA	NA	NA	NA
Health Affairs, Assistant Secretary of Defense for	NA	NA	NA	NA	NA	NA
Operational Test & Evaluation, Director	NA	NA	NA	NA	NA	NA
Test & Evaluation, Deputy Under Secretary of Defense	28,320	40,391	35,743	44,781	43,321	54,737

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

**Table 2. Federal outlays for research and development, by agency:
fiscal years 1967-2002**

[Dollars in thousands]

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Agency and subdivision	1979	1980	1981	1982	1983	1984
Department of Education	136,476	120,910	0	150,059	111,453	181,330
Department of Energy	4,303,333	4,697,472	5,041,416	4,842,088	4,817,454	4,740,345
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	3,099,272	3,477,232	3,954,894	4,015,302	4,092,047	4,450,260
Admin for Children & Families	NA	NA	NA	NA	NA	NA
Administration on Aging	NA	NA	NA	NA	NA	NA
Agency for Healthcare Research and Quality ³	NA	NA	NA	NA	NA	NA
Agency for Toxic Substances Disease & Registry ⁴	NA	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	184,382	217,930	250,943	291,666	288,781	272,000
Centers for Disease Control & Prevention	72,391	72,572	83,018	88,379	80,440	46,342
Food & Drug Administration	39,984	60,300	57,100	58,400	73,500	76,900
Health Care Financing Admin	19,490	29,420	35,438	29,083	30,208	33,100
Health Resources Admin	3,200	2,752	3,726	NA	NA	NA
Health Resources & Svcs Admin	NA	NA	NA	17,476	16,327	13,426
Health Services Administration	23,051	20,200	16,867	NA	NA	NA
Human Development Services	57,088	48,468	85,470	32,966	22,312	15,367
National Institutes of Health ⁵	2,640,979	2,953,238	3,350,200	3,439,600	3,539,525	3,960,575
Off of the Asst Sec for Health	14,726	26,965	37,224	29,005	16,875	11,485
Office of the Secretary, total	26,540	24,000	19,500	13,353	14,441	10,365
Office of the Asst Secretary, Planning & Evaluation	NA	NA	NA	NA	NA	NA
Off of Public Hlth & Science	NA	NA	NA	NA	NA	NA
Social Security Administration	17,441	21,387	15,408	15,374	9,638	10,700
Substance Abuse & Mental Health Services Administration ⁶	NA	NA	NA	NA	NA	NA

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

**Table 2. Federal outlays for research and development, by agency:
fiscal years 1967-2002**

[Dollars in thousands]

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Agency and subdivision	1979	1980	1981	1982	1983	1984
Dept of Housing & Urban Dvlpmt	74,324	65,785	54,078	37,035	30,903	24,886
Department of the Interior, total	395,287	422,748	432,834	393,585	410,275	430,651
Bonneville Power Admin	0	0	13,713	NA	NA	NA
Bureau of Land Management	1,335	1,654	1,855	5,288	3,851	3,800
Bureau of Mines	117,100	128,364	106,923	104,996	101,879	111,279
Bureau of Reclamation	10,983	13,055	13,391	10,693	11,096	10,130
Federal Water Pollution Control Administration	NA	NA	NA	NA	NA	NA
Geological Survey	144,157	145,168	168,197	150,070	169,878	227,245
Heritage Conservation & Recreation Service	NA	NA	NA	NA	NA	NA
Minerals Management Service	NA	NA	NA	0	1,300	1,500
National Biological Service	NA	NA	NA	NA	NA	NA
National Park Service	8,944	8,243	10,351	11,203	13,746	14,000
National Resources Library	NA	NA	NA	NA	NA	NA
Office of Coal Research	NA	NA	NA	NA	NA	NA
Office of the Secretary	1,458	1,865	2,020	359	1,262	569
Office of Surface Mining Reclamation & Enforcement	4,979	7,471	5,794	1,400	1,478	797
Office of Water Research & Technology, total	23,089	29,258	21,090	19,436	8,261	2,573
Office of Saline Water	NA	NA	NA	NA	NA	NA
Off of Water Resources Rsch	NA	NA	NA	NA	NA	NA
United States Fish & Wildlife Service, total	83,242	87,670	89,500	90,140	97,524	58,758
Bureau of Commercial Fisheries	NA	NA	NA	NA	NA	NA
Bureau of Sport Fisheries & Wildlife	NA	NA	NA	NA	NA	NA
Department of Justice, total	45,878	45,320	26,093	36,581	27,586	26,515
Bureau of Prisons	3,263	2,107	2,507	1,668	1,690	1,600
Drug Enforcement Admin	2,700	4,400	1,200	2,700	2,500	2,000
Fed Bureau of Investigation	2,514	1,804	1,453	1,110	1,898	2,479
Immigration & Naturalization Service	286	302	1,032	323	223	565
Office of Justice Programs	35,500	35,075	19,166	30,430	21,075	19,571
Office of Legal Policy	1,615	1,632	735	350	200	300
Department of Labor, total	109,170	137,733	61,616	29,431	16,761	14,072
Bureau of Apprenticeship & Training	NA	NA	NA	NA	NA	NA
Bureau of Employment Security	NA	NA	NA	NA	NA	NA
Bureau of Labor Statistics	912	925	251	291	665	547
Employment Standards Admin	5,078	4,700	3,000	1,300	1,302	1,290
Employment & Training Admin	92,987	121,745	52,148	20,208	6,041	3,485
Labor-Management Relations & Cooperative Programs	NA	NA	NA	NA	NA	295
Labor-Management Svcs Admin	3,486	2,763	1,717	700	864	NA
Occupational Safety & Health Administration	5,107	6,300	3,000	4,900	5,264	5,075
Office of the Secretary	1,600	1,300	1,000	900	1,525	1,900
Pension & Welfare Benefits Administration	NA	NA	NA	NA	NA	1,150
Pension Benefit Guaranty Corp	NA	NA	500	1,132	1,100	330
Wage & Hour Division	0	0	0	0	0	0
Post Office Department	NA	NA	NA	NA	NA	NA

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

**Table 2. Federal outlays for research and development, by agency:
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[Dollars in thousands]

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Agency and subdivision	1979	1980	1981	1982	1983	1984
Department of State, total	3,168	2,206	1,766	1,549	1,488	1,550
Agy for Internat'l Dvlpmnt	NA	NA	NA	NA	NA	NA
Bureau of Intelligence & Rsch	0	0	0	0	0	0
Departmental Funds	3,168	2,206	1,766	0	0	0
Peace Corps	0	0	0	0	0	0
Dept of Transportation, total	356,162	374,669	415,892	346,950	272,381	344,558
Coast Guard	20,454	17,878	25,867	19,988	19,555	19,456
Federal Aviation Admin	101,900	104,200	119,800	106,600	90,300	155,100
Federal Highway Administration	48,700	53,100	56,300	42,500	32,500	51,077
Federal Motor Carrier Safety Administration ⁷	NA	NA	NA	NA	NA	NA
Federal Railroad Admin	51,700	53,200	48,200	17,400	18,300	14,730
Federal Transit Administration	50,532	58,910	61,900	69,791	36,513	31,200
Infrastructure Investment	NA	NA	NA	NA	NA	NA
Maritime Administration	NA	NA	17,362	18,897	13,500	11,100
Materials Transportation Bureau	0	0	0	0	0	0
National Highway Traffic Safety Administration	53,400	60,100	60,300	59,700	50,600	52,700
Office of the Secretary	16,676	14,881	13,863	5,574	4,013	4,995
Rsch & Special Programs Admin	12,800	12,400	12,300	6,500	7,100	4,200
Department of the Treasury, total	9,541	10,860	10,776	13,584	15,543	13,512
Bureau of Alcohol, Tobacco, & Firearms	2,513	1,550	300	NA	NA	NA
Bureau of Engraving & Printing	2,088	2,300	2,712	4,803	3,916	3,577
Financial Crimes Enforcement Network	0	0	0	0	0	0
Internal Revenue Service	3,600	4,000	4,170	5,395	7,973	7,941
Office of Thrift Supervision	NA	NA	NA	NA	NA	NA
United States Customs Service	1,340	3,000	3,484	3,125	3,297	1,827
United States Mint	0	0	0	0	0	0
United States Secret Service	NA	10	110	261	357	167
Department of Veterans Affairs	120,281	134,414	137,775	137,741	154,109	188,980
Other agencies:						
ACTION	1,573	0	0	0	0	0
Advisory Commission on Intergovernmental Relations	1,712	1,717	1,917	1,762	1,889	2,122
Appalachian Regional Commission	870	800	375	400	247	400
Atomic Energy Commission	NA	NA	NA	NA	NA	NA
Broadcasting Board of Governors ⁸	NA	NA	NA	NA	NA	NA
Civil Aeronautics Board	0	NA	NA	NA	NA	NA
Civil Service Commission	NA	NA	NA	NA	NA	NA
Community Services Admin	19,500	25,515	26,187	NA	NA	NA
Consumer Product Safety Comm	3,100	3,600	931	220	516	1,246
Energy Research & Dvlpmnt Admin	NA	NA	NA	NA	NA	NA
Energy Security Trust Fund	0	NA	NA	NA	NA	NA
Environmental Protection Agency ⁴	386,500	384,700	344,300	336,200	312,500	266,100
Fed Communications Commission	1,941	3,096	1,613	1,163	1,311	896
Federal Emergency Management Agency, total	11,953	11,249	11,599	8,751	3,153	10,937
Def Civil Preparedness Agcy	0	0	0	0	0	0
National Fire Prevention & Control Administration	0	0	0	0	0	0
Federal Energy Administration	NA	NA	NA	NA	NA	NA
Federal Trade Commission	1,521	3,216	1,100	1,188	1,364	1,558
Foundation for Ed Assistance	NA	NA	111,824	NA	NA	NA
General Services Administration	493	159	610	1,009	488	2,429

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

**Table 2. Federal outlays for research and development, by agency:
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[Dollars in thousands]

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Agency and subdivision	1979	1980	1981	1982	1983	1984
International Development						
Cooperation Agency, total	75,831	107,757	159,914	178,254	212,841	195,817
Agcy for Internat'l Dvlpmt	75,831	107,757	159,914	178,254	212,841	195,817
Institute for Scientific & Technological Cooperation	0	0	0	0	0	0
Interstate Commerce Commission	150	143	0	0	0	0
Library of Congress	5,400	6,500	5,100	5,396	6,683	7,236
Nat'l Aeronautics & Space Admin ⁹	3,262,503	3,465,424	3,558,628	3,140,700	2,538,027	3,538,700
Nat'l Archives & Records Admin	NA	NA	NA	NA	NA	NA
National Science Foundation	775,161	830,600	892,300	1,013,605	991,798	1,108,000
Nuclear Regulatory Commission	137,465	175,364	208,684	208,612	244,043	198,607
Office of Economic Opportunity	NA	NA	NA	NA	NA	NA
Office of Emergency Preparedness	NA	NA	NA	NA	NA	NA
Office of Personnel Management	5,990	6,788	8,054	0	0	0
Office of Science & Technology	NA	NA	NA	NA	NA	NA
Off of Telecommunications Policy	NA	NA	NA	NA	NA	NA
Office of Thrift Supervision	863	1,227	1,036	2,701	3,038	2,644
Postal Service	0	0	0	0	0	0
Small Business Administration	0	0	0	0	0	0
Smithsonian Institution	37,213	39,115	43,510	48,025	56,236	54,610
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	37,209	74,748	93,900	89,300	63,300	66,018
United States Arms Control & Disarmament Agency ¹⁰	3,540	3,795	2,444	1,902	975	1,346
United States Commission on Civil Rights	0	0	0	0	0	0
United States Information Agency ¹¹	98	86	1,163	7	5	3
United States International Trade Commission ¹²	3,417	2,068	3,397	3,764	4,672	5,015

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

**Table 2. Federal outlays for research and development, by agency:
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[Dollars in thousands]

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Agency and subdivision	1985	1986	1987	1988	1989	1990
Total, all agencies	44,171,416	50,609,111	51,611,723	54,739,362	59,450,389	62,135,330
Departments:						
Department of Agriculture, total	888,953	917,986	922,872	971,243	1,037,501	1,072,453
Agricultural Cooperative Svc	2,936	2,622	2,770	2,690	2,821	2,721
Agricultural Marketing Service	1,283	1,667	1,370	1,574	1,548	2,730
Agricultural Research Service	466,200	468,100	463,201	482,131	527,952	548,072
Agricultural Stabilization & Conservation Service	0	0	0	0	0	0
Animal & Plant Health						
Inspection Service	0	4,167	4,933	5,637	7,354	7,970
Cooperative State Research, Ed, & Extension Service	236,749	254,827	267,086	277,301	298,328	303,931
Economic Research Service	45,107	46,037	43,162	47,153	50,005	50,726
Economics, Statistics, & Cooperative Svc, total	NA	NA	NA	NA	NA	NA
Economic Research Service	NA	NA	NA	NA	NA	NA
Farmer Cooperative Service	NA	NA	NA	NA	NA	NA
Statistical Reporting Svc	NA	NA	NA	NA	NA	NA
Economics & Statistics Service	NA	NA	NA	NA	NA	NA
Food Safety Inspection Service	0	0	0	0	0	0
Foreign Agricultural Service	0	0	0	0	0	0
Forest Service	113,069	112,468	119,867	135,800	134,694	139,600
Grain Inspection Packers & Stockyards Administration	917	988	1,194	1,035	1,100	647
Human Nutrition Info Svc	7,182	10,600	9,649	8,215	8,395	9,031
Nat'l Agri Statistics Svc	8,393	8,009	3,548	3,623	2,849	2,722
Natural Resources Conservation Service	0	0	0	0	0	0
Office of International Cooperation & Development	5,774	7,496	5,060	5,009	2,455	4,303
Office of Transportation	1,343	1,005	1,032	1,075	NA	NA
Rural Business-Cooperative Svc	NA	NA	NA	NA	NA	NA
Rural Development Service	NA	NA	NA	NA	NA	NA
Science & Ed Admin, total	NA	NA	NA	NA	NA	NA
Agricultural Research Svc	NA	NA	NA	NA	NA	NA
Cooperative State Rsch Svc	NA	NA	NA	NA	NA	NA
Nat'l Agricultural Library	NA	NA	NA	NA	NA	NA
Department of Commerce, total	373,555	372,637	306,983	378,552	394,036	426,835
Bureau of the Census	4,776	4,626	4,543	5,594	5,012	6,726
Economic Development Admin	7,800	7,800	7,200	2,400	1,100	1,510
Env Science Svcs Admin	NA	NA	NA	NA	NA	NA
Maritime Administration	NA	NA	NA	NA	NA	NA
Minority Business Dvlpmt Agcy	0	0	0	0	0	0
National Fire Prevention & Control Administration	NA	NA	NA	NA	NA	NA
Nat'l Inst of Standards & Tech	102,233	103,263	100,041	101,325	113,037	112,283
National Oceanic & Atmospheric Administration	249,100	247,236	187,100	263,000	268,626	300,145
Nat'l Technical Information Svc	0	0	0	0	0	0
National Telecommunications & Information Administration	9,046	8,471	7,807	6,111	6,199	6,164
Office of Productivity, Technology, & Innovation	NA	NA	NA	NA	NA	NA
Office of the Secretary	600	1,241	292	122	62	7
Office of Telecommunications	NA	NA	NA	NA	NA	NA
Patent & Trademark Office	0	0	0	0	0	0
United States Travel & Tourism Administration	0	0	0	0	0	0

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

**Table 2. Federal outlays for research and development, by agency:
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[Dollars in thousands]

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Agency and subdivision	1985	1986	1987	1988	1989	1990
Department of Defense, total	26,741,951	32,210,514	33,254,440	34,156,771	36,453,438	36,703,213
Defense Agencies, total	2,285,234	4,062,397	4,958,385	5,622,127	6,409,526	6,764,986
Ballistic Missile Def Org	NA	NA	3,050,050	3,264,286	2,067	3,474,282
Chemical and Biological Defense ¹	NA	NA	NA	NA	NA	NA
Def Adv Rsch Projects Agcy	NA	NA	717,715	664,576	329,532	1,316,000
Defense Info Systems Agcy	NA	NA	162,029	157,620	176,049	222,660
Defense Logistics Agency	NA	NA	27,150	50,424	58,592	54,580
Def Special Weapons Agcy	NA	NA	331,314	320,289	977,647	341,166
Def Threat Reduction Agcy	NA	NA	NA	NA	NA	NA
Joint Staff	NA	NA	0	0	0	0
Nat'l Imagery & Mapping Agcy	NA	NA	310,065	349,780	3,390,223	258,789
Special Operations Command	NA	NA	0	0	0	0
TRICARE Management Activity ²	NA	NA	NA	NA	NA	NA
Uniformed Services University of the Health Sciences	NA	NA	1,698	2,390	286,548	1,849
Washington Headquarters Services	NA	NA	358,364	812,762	1,188,868	1,095,660
Dept of the Air Force, total	12,063,884	14,043,965	13,906,755	14,567,024	15,190,768	14,687,864
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	0	NA	NA	NA	NA	NA
Pay & Allowances of Military Personnel in R&D	648,434	NA	NA	NA	NA	NA
RDT&E Appropriation	11,415,450	NA	NA	NA	NA	NA
Special Foreign Currency Program	0	NA	NA	NA	NA	NA
Department of the Army, total	4,176,631	4,223,481	4,949,002	4,837,790	5,201,573	5,750,246
Department of the Army, Civil Functions	33,045	33,627	30,445	33,225	37,378	34,674
Department of the Army, Military Functions	4,143,586	4,189,854	4,918,557	4,804,565	5,164,195	5,715,572
Housing for Military Personnel in R&D	0	NA	NA	NA	NA	NA
Military Construction	0	NA	NA	NA	NA	NA
Pay & Allowances of Military Personnel in R&D	209,000	NA	NA	NA	NA	NA
RDT&E Appropriation	3,934,476	NA	NA	NA	NA	NA
Special Foreign Currency Program	110	NA	NA	NA	NA	NA
Support from Procurement Appropriations	0	NA	NA	NA	NA	NA
Department of the Navy, total	8,161,099	9,809,082	9,357,139	9,003,097	9,475,038	9,352,341
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	0	NA	NA	NA	NA	NA
Pay & Allowances of Military Personnel in R&D	203,188	NA	NA	NA	NA	NA
RDT&E Appropriation	7,956,526	NA	NA	NA	NA	NA
Special Foreign Currency Program	1,385	NA	NA	NA	NA	NA
Def Civil Preparedness Agcy	NA	NA	NA	NA	NA	NA
Health Affairs, Assistant Secretary of Defense for	NA	NA	NA	NA	NA	NA
Operational Test & Evaluation, Director	NA	0	4,396	7,154	31,563	31,963
Test & Evaluation, Deputy Under Secretary of Defense	55,103	71,589	78,763	119,579	144,970	115,813

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

**Table 2. Federal outlays for research and development, by agency:
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Agency and subdivision	1985	1986	1987	1988	1989	1990
Department of Education	95,694	124,462	122,575	131,792	153,352	147,894
Department of Energy	4,947,725	4,655,845	4,711,321	4,964,720	5,200,624	5,508,377
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	5,006,954	5,498,721	5,719,452	6,892,541	7,717,355	8,308,739
Admin for Children & Families	NA	NA	NA	NA	NA	NA
Administration on Aging	NA	NA	NA	NA	NA	NA
Agency for Healthcare Research and Quality ³	NA	NA	NA	NA	NA	5,300
Agency for Toxic Substances Disease & Registry ⁴	NA	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	348,405	396,124	475,525	554,835	695,685	842,650
Centers for Disease Control & Prevention	47,624	52,688	66,180	88,722	117,785	95,600
Food & Drug Administration	81,200	79,100	83,700	89,600	94,000	94,000
Health Care Financing Admin	33,463	28,066	36,100	31,426	32,520	14,444
Health Resources Admin	NA	NA	NA	NA	NA	NA
Health Resources & Svcs Admin	15,976	13,020	9,248	10,032	10,483	11,856
Health Services Administration	NA	NA	NA	NA	NA	NA
Human Development Services	21,416	52,009	51,062	50,913	73,258	76,694
National Institutes of Health ⁵	4,420,118	4,845,000	4,956,200	6,031,200	6,645,000	7,127,000
Off of the Asst Sec for Health	15,842	21,647	23,462	20,025	26,035	22,330
Office of the Secretary, total	9,610	6,067	8,200	4,738	7,795	4,966
Office of the Asst Secretary, Planning & Evaluation	NA	NA	NA	NA	NA	NA
Off of Public Hlth & Science	NA	NA	NA	NA	NA	NA
Social Security Administration	13,300	5,000	9,775	11,050	14,794	13,899
Substance Abuse & Mental Health Services Administration ⁶	NA	NA	NA	NA	NA	NA

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

**Table 2. Federal outlays for research and development, by agency:
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Agency and subdivision	1985	1986	1987	1988	1989	1990
Dept of Housing & Urban Dvlpmt	18,599	13,856	19,669	14,859	20,706	21,688
Department of the Interior, total	412,789	439,322	389,950	414,582	478,440	492,473
Bonneville Power Admin	NA	NA	NA	NA	NA	NA
Bureau of Land Management	4,400	3,400	3,600	3,700	3,000	2,800
Bureau of Mines	100,383	131,009	91,156	87,629	90,560	93,642
Bureau of Reclamation	10,479	12,000	10,623	4,400	4,164	5,804
Federal Water Pollution Control Administration	NA	NA	NA	NA	NA	NA
Geological Survey	229,906	225,621	210,430	237,860	299,540	300,019
Heritage Conservation & Recreation Service	NA	NA	NA	NA	NA	NA
Minerals Management Service	1,518	1,088	1,022	1,200	1,854	1,844
National Biological Service	NA	NA	NA	NA	NA	NA
National Park Service	15,000	17,300	18,500	19,379	19,422	20,087
National Resources Library	NA	NA	NA	NA	NA	NA
Office of Coal Research	NA	NA	NA	NA	NA	NA
Office of the Secretary	318	605	1,961	434	400	200
Office of Surface Mining Reclamation & Enforcement	1,985	2,299	958	980	700	777
Office of Water Research & Technology, total	NA	NA	NA	NA	NA	NA
Office of Saline Water	NA	NA	NA	NA	NA	NA
Off of Water Resources Rsch	NA	NA	NA	NA	NA	NA
United States Fish & Wildlife Service, total	48,800	46,000	51,700	59,000	58,800	67,300
Bureau of Commercial Fisheries	NA	NA	NA	NA	NA	NA
Bureau of Sport Fisheries & Wildlife	NA	NA	NA	NA	NA	NA
Department of Justice, total	32,697	32,122	38,710	48,057	35,991	38,219
Bureau of Prisons	1,500	2,950	6,889	6,019	3,828	3,200
Drug Enforcement Admin	1,600	2,500	2,200	2,500	2,700	2,377
Fed Bureau of Investigation	8,936	6,927	6,583	12,733	6,517	8,205
Immigration & Naturalization Service	400	400	400	5,227	400	400
Office of Justice Programs	20,061	19,163	22,438	21,578	22,546	24,037
Office of Legal Policy	200	182	200	0	0	0
Department of Labor, total	13,715	10,888	20,258	31,833	28,861	45,212
Bureau of Apprenticeship & Training	NA	NA	NA	NA	NA	NA
Bureau of Employment Security	NA	NA	NA	NA	NA	NA
Bureau of Labor Statistics	621	634	6,522	7,042	7,000	7,300
Employment Standards Admin	28	0	1,035	60	118	53
Employment & Training Admin	4,452	3,382	4,350	11,155	9,238	25,610
Labor-Management Relations & Cooperative Programs	282	152	250	351	303	NA
Labor-Management Svcs Admin	NA	NA	NA	NA	NA	NA
Occupational Safety & Health Administration	4,490	3,600	4,133	4,200	4,503	2,526
Office of the Secretary	2,575	2,147	2,715	6,109	6,057	7,148
Pension & Welfare Benefits Administration	1,067	873	953	2,616	1,342	2,110
Pension Benefit Guaranty Corp	200	100	300	300	300	465
Wage & Hour Division	0	0	0	0	0	0
Post Office Department	NA	NA	NA	NA	NA	NA

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

**Table 2. Federal outlays for research and development, by agency:
fiscal years 1967-2002**

[Dollars in thousands]

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Agency and subdivision	1985	1986	1987	1988	1989	1990
Department of State, total	1,482	1,464	2,962	4,159	4,714	4,692
Agcy for Internat'l Dvlpmt	NA	NA	NA	NA	NA	NA
Bureau of Intelligence & Rsch	0	0	0	0	0	0
Departmental Funds	0	0	0	0	0	0
Peace Corps	0	0	0	0	0	0
Dept of Transportation, total	416,108	429,793	336,559	321,044	278,598	270,607
Coast Guard	18,958	16,667	17,807	14,600	18,086	21,027
Federal Aviation Admin	270,100	303,300	180,081	179,618	140,965	169,244
Federal Highway Administration	47,537	45,489	76,020	60,139	76,525	43,974
Federal Motor Carrier Safety Administration ⁷	NA	NA	NA	NA	NA	NA
Federal Railroad Admin	16,166	15,378	10,868	10,314	6,719	6,991
Federal Transit Administration	18,570	8,828	9,400	1,359	2,004	2,273
Infrastructure Investment	NA	NA	NA	NA	NA	NA
Maritime Administration	10,174	14,100	7,237	2,595	0	900
Materials Transportation Bureau	0	0	0	0	0	0
National Highway Traffic Safety Administration	27,500	18,600	28,400	45,167	28,496	16,930
Office of the Secretary	4,703	5,181	4,694	5,227	4,203	6,887
Rsch & Special Programs Admin	2,400	2,250	2,052	2,025	1,600	2,381
Department of the Treasury, total	24,245	22,864	26,292	25,704	23,396	25,113
Bureau of Alcohol, Tobacco, & Firearms	NA	NA	NA	NA	NA	NA
Bureau of Engraving & Printing	4,997	4,224	4,549	1,955	1,672	2,083
Financial Crimes Enforcement Network	0	0	0	0	0	0
Internal Revenue Service	15,864	13,369	14,128	13,990	13,990	16,296
Office of Thrift Supervision	NA	NA	NA	NA	NA	0
United States Customs Service	2,200	4,820	7,015	9,193	6,838	6,200
United States Mint	554	22	90	215	300	56
United States Secret Service	630	429	510	351	596	478
Department of Veterans Affairs	215,124	181,246	195,123	197,330	184,900	206,600
Other agencies:						
ACTION	0	0	0	0	0	0
Advisory Commission on Intergovernmental Relations	1,982	1,959	1,620	1,386	1,248	1,198
Appalachian Regional Commission	200	167	125	200	767	401
Atomic Energy Commission	NA	NA	NA	NA	NA	NA
Broadcasting Board of Governors ⁸	NA	NA	NA	NA	NA	NA
Civil Aeronautics Board	NA	NA	NA	NA	NA	NA
Civil Service Commission	NA	NA	NA	NA	NA	NA
Community Services Admin	NA	NA	NA	NA	NA	NA
Consumer Product Safety Comm	2,188	2,022	2,132	1,223	1,293	1,166
Energy Research & Dvlpmt Admin	NA	NA	NA	NA	NA	NA
Energy Security Trust Fund	NA	NA	NA	NA	NA	NA
Environmental Protection Agency ⁴	274,800	306,900	325,900	340,000	343,200	388,500
Fed Communications Commission	1,113	901	985	1,224	1,101	1,329
Federal Emergency Management Agency, total	4,600	0	0	0	0	0
Def Civil Preparedness Agcy	0	0	0	0	0	0
National Fire Prevention & Control Administration	0	0	0	0	0	0
Federal Energy Administration	NA	NA	NA	NA	NA	NA
Federal Trade Commission	1,734	1,827	520	428	379	459
Foundation for Ed Assistance	NA	NA	NA	NA	NA	NA
General Services Administration	405	1,152	1,568	2,301	540	665

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

**Table 2. Federal outlays for research and development, by agency:
fiscal years 1967-2002**

[Dollars in thousands]

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Agency and subdivision	1985	1986	1987	1988	1989	1990
International Development						
Cooperation Agency, total	220,253	241,456	248,742	216,554	279,121	334,000
Agcy for Internat'l Dvlpmt	220,253	241,456	248,742	216,554	279,121	334,000
Institute for Scientific & Technological Cooperation	0	0	0	0	0	0
Interstate Commerce Commission	0	0	0	0	0	0
Library of Congress	6,317	6,914	6,514	7,083	7,969	8,412
Nat'l Aeronautics & Space Admin ⁹	2,970,300	3,431,500	3,250,400	3,831,728	4,974,813	6,324,334
Nat'l Archives & Records Admin	508	968	1,120	657	265	365
National Science Foundation	1,186,000	1,410,743	1,410,033	1,494,000	1,556,700	1,524,900
Nuclear Regulatory Commission	161,083	135,990	124,370	113,492	113,233	111,505
Office of Economic Opportunity	NA	NA	NA	NA	NA	NA
Office of Emergency Preparedness	NA	NA	NA	NA	NA	NA
Office of Personnel Management	0	0	0	0	0	0
Office of Science & Technology	NA	NA	NA	NA	NA	NA
Off of Telecommunications Policy	NA	NA	NA	NA	NA	NA
Office of Thrift Supervision	2,790	3,281	3,364	3,409	4,051	4,126
Postal Service	0	0	0	0	0	0
Small Business Administration	0	0	0	0	0	0
Smithsonian Institution	58,922	62,489	69,944	73,207	79,828	90,812
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	80,715	78,873	76,478	86,356	61,561	61,760
United States Arms Control & Disarmament Agency ¹⁰	1,062	945	3,577	3,381	2,783	218
United States Commission on Civil Rights	0	0	0	0	0	0
United States Information Agency ¹¹	1,097	2,388	9,952	1,469	954	0
United States International Trade Commission ¹²	5,756	6,916	7,213	8,077	8,671	9,065

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

**Table 2. Federal outlays for research and development, by agency:
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[Dollars in thousands]

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Agency and subdivision	1991	1992	1993	1994	1995	1996
Total, all agencies	61,130,356	62,934,477	65,241,290	66,150,784	66,661,995	66,142,009
Departments:						
Department of Agriculture, total	1,189,352	1,246,028	1,303,889	1,353,570	1,375,811	1,335,653
Agricultural Cooperative Svc	2,814	3,444	2,902	3,734	NA	NA
Agricultural Marketing Service	3,664	4,278	4,717	4,649	5,000	4,542
Agricultural Research Service	573,457	617,090	643,382	660,012	679,311	672,370
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	18,035
Cooperative State Research, Ed, & Extension Service	380,078	354,894	379,437	404,095	418,791	403,795
Economic Research Service	53,006	57,463	61,469	57,317	51,960	50,119
Economics, Statistics, & Cooperative Svc, total	NA	NA	NA	NA	NA	NA
Economic Research Service	NA	NA	NA	NA	NA	NA
Farmer Cooperative Service	NA	NA	NA	NA	NA	NA
Statistical Reporting Svc	NA	NA	NA	NA	NA	NA
Economics & Statistics Service	NA	NA	NA	NA	NA	NA
Food Safety Inspection Service	0	0	0	0	0	15
Foreign Agricultural Service	0	0	0	654	922	1,290
Forest Service	144,700	174,774	179,300	190,800	193,509	177,900
Grain Inspection Packers & Stockyards Administration	725	1,832	1,773	1,791	1,484	2,537
Human Nutrition Info Svc	8,926	9,683	7,310	5,300	NA	NA
Nat'l Agri Statistics Svc	3,172	3,470	3,882	3,629	4,156	3,650
Natural Resources Conservation Service	0	0	0	0	0	0
Office of International Cooperation & Development	3,074	2,383	2,595	0	NA	NA
Office of Transportation	NA	NA	NA	NA	NA	NA
Rural Business-Cooperative Svc	NA	NA	NA	2,412	1,561	1,400
Rural Development Service	NA	NA	NA	NA	NA	NA
Science & Ed Admin, total	NA	NA	NA	NA	NA	NA
Agricultural Research Svc	NA	NA	NA	NA	NA	NA
Cooperative State Rsch Svc	NA	NA	NA	NA	NA	NA
Nat'l Agricultural Library	NA	NA	NA	NA	NA	NA
Department of Commerce, total	485,139	622,071	629,604	797,361	862,951	918,149
Bureau of the Census	6,644	5,485	5,025	5,361	5,091	6,558
Economic Development Admin	1,000	1,096	700	308	967	591
Env Science Svcs Admin	NA	NA	NA	NA	NA	NA
Maritime Administration	NA	NA	NA	NA	NA	NA
Minority Business Dvlpmt Agcy	0	0	0	0	0	0
National Fire Prevention & Control Administration	NA	NA	NA	NA	NA	NA
Nat'l Inst of Standards & Tech	135,870	149,135	180,147	225,175	327,395	377,993
National Oceanic & Atmospheric Administration	338,049	462,369	439,542	562,617	523,112	528,510
Nat'l Technical Information Svc	0	0	0	0	0	0
National Telecommunications & Information Administration	3,575	3,961	4,167	3,869	6,383	4,497
Office of Productivity, Technology, & Innovation	NA	NA	NA	NA	NA	NA
Office of the Secretary	1	25	23	31	3	0
Office of Telecommunications	NA	NA	NA	NA	NA	NA
Patent & Trademark Office	0	0	0	0	0	0
United States Travel & Tourism Administration	0	0	0	0	0	0

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

**Table 2. Federal outlays for research and development, by agency:
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[Dollars in thousands]

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Agency and subdivision	1991	1992	1993	1994	1995	1996
Department of Defense, total	33,013,548	34,220,835	34,152,733	34,918,196	33,920,918	35,386,994
Defense Agencies, total	6,621,793	7,358,679	6,627,992	8,084,656	7,099,677	7,170,341
Ballistic Missile Def Org	2,880,000	3,285,800	3,467,900	3,223,553	2,415,532	2,802,386
Chemical and Biological Defense ¹	NA	NA	NA	NA	NA	NA
Def Adv Rsch Projects Agcy	1,373,500	1,427,500	1,726,773	2,917,968	2,391,373	2,342,695
Defense Info Systems Agcy	161,653	153,519	93,284	90,290	72,016	70,577
Defense Logistics Agency	9,264	21,856	15,105	29,603	27,373	24,221
Def Special Weapons Agcy	351,748	399,287	431,838	395,775	316,156	257,614
Def Threat Reduction Agcy	NA	NA	NA	NA	NA	NA
Joint Staff	8,139	53,134	12,983	10,000	4,154	5,526
Nat'l Imagery & Mapping Agcy	229,700	236,000	41,500	45,679	36,231	0
Special Operations Command TRICARE Management Activity ² ..	34,762	80,454	205,117	224,859	219,918	245,176
Uniformed Services University of the Health Sciences	2,123	2,425	2,485	1,673	NA	NA
Washington Headquarters Services	1,570,904	1,698,704	631,007	1,145,256	1,616,924	1,422,146
Dept of the Air Force, total	12,825,566	12,346,050	12,056,900	12,645,451	12,024,899	13,420,270
DT&E Support from Operations & Maintenance	NA	NA	NA	NA	NA	NA
DT&E Support from Procurement Appropriations	NA	NA	NA	NA	NA	NA
Housing for Military Personnel in R&D	NA	NA	NA	NA	NA	NA
Military Construction	NA	NA	NA	NA	NA	NA
Pay & Allowances of Military Personnel in R&D	NA	NA	NA	NA	NA	NA
RDT&E Appropriation	NA	NA	NA	NA	NA	NA
Special Foreign Currency Program	NA	NA	NA	NA	NA	NA
Department of the Army, total	5,659,507	6,273,232	6,118,342	5,793,989	5,133,041	4,948,748
Department of the Army, Civil Functions	42,507	56,232	49,646	51,645	56,257	29,367
Department of the Army, Military Functions	5,617,000	6,217,000	6,068,696	5,742,344	5,076,784	4,919,381
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	7,815,000	8,004,000	9,113,955	8,150,463	9,416,607	9,578,472
DT&E Support from Operations & Maintenance	NA	NA	NA	NA	NA	NA
DT&E Support from Procurement Appropriations	NA	NA	NA	NA	NA	NA
Housing for Military Personnel in R&D	NA	NA	NA	NA	NA	NA
Military Construction	NA	NA	NA	NA	NA	NA
Pay & Allowances of Military Personnel in R&D	NA	NA	NA	NA	NA	NA
RDT&E Appropriation	NA	NA	NA	NA	NA	NA
Special Foreign Currency Program	NA	NA	NA	NA	NA	NA
Def Civil Preparedness Agcy	NA	NA	NA	NA	NA	NA
Health Affairs, Assistant Secretary of Defense for	0	NA	NA	NA	NA	NA
Operational Test & Evaluation, Director	22,300	9,429	12,333	11,880	12,352	22,081
Test & Evaluation, Deputy Under Secretary of Defense	69,382	229,445	223,211	231,757	234,342	247,082

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

**Table 2. Federal outlays for research and development, by agency:
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[Dollars in thousands]

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Agency and subdivision	1991	1992	1993	1994	1995	1996
Department of Education	114,546	132,960	173,806	177,237	179,573	171,958
Department of Energy	5,727,233	6,034,663	6,185,117	5,974,670	6,152,163	5,846,182
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	9,627,284	8,994,798	10,325,887	10,218,239	10,978,156	10,278,488
Admin for Children & Families	110,200	35,106	19,276	11,316	12,000	11,853
Administration on Aging	20,564	20,235	20,890	19,121	20,679	2,850
Agency for Healthcare Research and Quality ³	11,900	113,476	87,571	110,980	133,000	80,000
Agency for Toxic Substances Disease & Registry ⁴	NA	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	1,460,598	NA	NA	NA	NA	NA
Centers for Disease Control & Prevention	113,372	146,900	162,511	206,800	317,385	296,672
Food & Drug Administration	125,020	135,700	154,500	138,565	131,255	133,258
Health Care Financing Admin	21,670	63,900	69,496	72,309	72,926	75,394
Health Resources Admin	NA	NA	NA	NA	NA	NA
Health Resources & Svcs Admin	11,040	10,125	9,598	16,405	12,827	11,163
Health Services Administration	NA	NA	NA	NA	NA	NA
Human Development Services	NA	NA	NA	NA	NA	NA
National Institutes of Health ⁵	7,714,000	8,409,247	9,765,069	9,614,845	10,262,756	9,645,559
Off of the Asst Sec for Health	18,220	21,732	15,827	671	552	NA
Office of the Secretary, total	8,811	4,977	5,249	5,000	3,526	5,021
Office of the Asst Secretary, Planning & Evaluation	NA	NA	NA	NA	NA	3,000
Off of Public Hlth & Science	NA	NA	NA	NA	NA	2,021
Social Security Administration	11,889	33,400	15,900	22,227	11,250	NA
Substance Abuse & Mental Health Services Administration ⁶	NA	NA	NA	NA	NA	16,718

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

**Table 2. Federal outlays for research and development, by agency:
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[Dollars in thousands]

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Agency and subdivision	1991	1992	1993	1994	1995	1996
Dept of Housing & Urban Dvlpmnt	18,102	23,524	28,407	28,506	37,958	36,208
Department of the Interior, total	535,551	610,609	631,027	637,386	552,295	545,080
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	96,270	113,949	111,814	107,876	0	NA
Bureau of Reclamation	8,700	12,200	9,600	7,393	7,990	6,531
Federal Water Pollution Control Administration	NA	NA	NA	NA	NA	NA
Geological Survey	316,623	365,933	381,163	369,123	354,056	497,555
Heritage Conservation & Recreation Service	NA	NA	NA	NA	NA	NA
Minerals Management Service	2,473	3,375	5,105	18,349	19,763	20,748
National Biological Service	NA	NA	0	110,283	150,720	NA
National Park Service	27,474	31,098	38,145	24,244	19,722	20,246
National Resources Library	NA	NA	NA	NA	NA	NA
Office of Coal Research	NA	NA	NA	NA	NA	NA
Office of the Secretary	600	900	375	118	44	0
Office of Surface Mining Reclamation & Enforcement	1,041	254	400	0	0	0
Office of Water Research & Technology, total	NA	NA	NA	NA	NA	NA
Office of Saline Water	NA	NA	NA	NA	NA	NA
Off of Water Resources Rsch	NA	NA	NA	NA	NA	NA
United States Fish & Wildlife Service, total	73,600	76,600	75,500	0	0	0
Bureau of Commercial Fisheries	NA	NA	NA	NA	NA	NA
Bureau of Sport Fisheries & Wildlife	NA	NA	NA	NA	NA	NA
Department of Justice, total	40,412	42,853	46,167	41,981	48,974	72,696
Bureau of Prisons	5,700	5,900	6,100	5,350	5,724	5,248
Drug Enforcement Admin	2,800	1,500	1,142	1,668	400	1,200
Fed Bureau of Investigation	10,810	10,925	11,309	6,985	10,937	33,458
Immigration & Naturalization Service	400	400	400	400	400	211
Office of Justice Programs	20,702	24,128	27,216	27,578	31,513	32,579
Office of Legal Policy	0	0	0	0	0	0
Department of Labor, total	45,597	70,805	57,806	60,735	51,726	50,053
Bureau of Apprenticeship & Training	NA	NA	NA	NA	NA	NA
Bureau of Employment Security	NA	NA	NA	NA	NA	NA
Bureau of Labor Statistics	7,500	7,600	6,900	7,100	13,100	13,300
Employment Standards Admin	0	0	0	0	0	0
Employment & Training Admin	23,695	50,975	39,170	41,829	23,123	24,618
Labor-Management Relations & Cooperative Programs	NA	NA	NA	NA	NA	NA
Labor-Management Svcs Admin	NA	NA	NA	NA	NA	NA
Occupational Safety & Health Administration	2,603	3,094	2,458	3,245	4,294	6,575
Office of the Secretary	8,734	5,674	5,363	5,166	6,198	2,594
Pension & Welfare Benefits Administration	2,540	2,550	2,610	2,690	3,598	2,331
Pension Benefit Guaranty Corp	525	912	1,305	705	1,413	635
Wage & Hour Division	0	0	0	0	0	0
Post Office Department	NA	NA	NA	NA	NA	NA

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

**Table 2. Federal outlays for research and development, by agency:
fiscal years 1967-2002**

[Dollars in thousands]

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Agency and subdivision	1991	1992	1993	1994	1995	1996
Department of State, total	5,854	5,554	5,285	389	500	976
Agcy for Internat'l Dvlpmt	NA	NA	NA	NA	NA	NA
Bureau of Intelligence & Rsch	0	0	0	0	0	0
Departmental Funds	0	0	0	0	0	0
Peace Corps	0	0	0	0	0	0
Dept of Transportation, total	342,609	394,021	425,249	519,858	634,702	578,834
Coast Guard	14,452	22,357	31,733	25,533	20,615	22,845
Federal Aviation Admin	199,553	234,857	234,499	247,236	256,833	259,832
Federal Highway Administration	86,115	81,221	87,065	174,723	249,645	230,391
Federal Motor Carrier Safety Administration ⁷	NA	NA	NA	NA	NA	NA
Federal Railroad Admin	12,819	20,642	21,551	18,595	21,531	18,476
Federal Transit Administration	2,073	1,473	14,253	18,491	33,409	22,438
Infrastructure Investment	NA	NA	NA	0	NA	NA
Maritime Administration	1,456	1,660	1,741	1,744	2,344	0
Materials Transportation Bureau	0	0	0	0	0	0
National Highway Traffic Safety Administration	19,231	24,482	28,277	26,864	41,400	15,036
Office of the Secretary	4,684	5,042	4,424	2,543	4,049	2,808
Rsch & Special Programs Admin	2,226	2,287	1,706	4,129	4,876	7,008
Department of the Treasury, total	30,262	24,380	16,464	18,855	61,362	60,036
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	1,822	1,481	1,456	0	0	0
Internal Revenue Service	17,342	17,342	6,497	11,315	49,698	51,200
Office of Thrift Supervision	2,990	815	738	481	550	537
United States Customs Service	3,684	2,223	3,975	4,475	8,455	6,175
United States Mint	471	0	13	415	312	0
United States Secret Service	406	529	550	459	547	454
Department of Veterans Affairs	213,400	202,100	246,000	240,845	251,102	232,109
Other agencies:						
ACTION	0	0	0	0	0	0
Advisory Commission on Intergovernmental Relations	1,239	1,518	2,098	1,355	1,413	NA
Appalachian Regional Commission	742	1,900	900	900	900	900
Atomic Energy Commission	NA	NA	NA	NA	NA	NA
Broadcasting Board of Governors ⁸	NA	NA	NA	NA	NA	NA
Civil Aeronautics Board	NA	NA	NA	NA	NA	NA
Civil Service Commission	NA	NA	NA	NA	NA	NA
Community Services Admin	NA	NA	NA	NA	NA	NA
Consumer Product Safety Comm	1,288	1,154	1,183	447	363	82
Energy Research & Dvlpmt Admin	NA	NA	NA	NA	NA	NA
Energy Security Trust Fund	NA	NA	NA	NA	NA	NA
Environmental Protection Agency ⁴	400,100	411,900	495,237	553,498	492,466	476,292
Fed Communications Commission	1,442	1,648	1,625	1,683	2,268	2,801
Federal Emergency Management Agency, total	0	0	0	0	0	0
Def Civil Preparedness Agcy	0	0	0	0	0	0
National Fire Prevention & Control Administration	0	0	0	0	0	0
Federal Energy Administration	NA	NA	NA	NA	NA	NA
Federal Trade Commission	957	1,285	877	705	564	505
Foundation for Ed Assistance	NA	NA	NA	NA	NA	NA
General Services Administration	0	0	0	0	0	0

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

**Table 2. Federal outlays for research and development, by agency:
fiscal years 1967-2002**

[Dollars in thousands]

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Agency and subdivision	1991	1992	1993	1994	1995	1996
International Development						
Cooperation Agency, total	344,034	205,918	321,655	372,615	256,760	251,000
Agcy for Internat'l Dvlpmt	344,034	205,918	321,655	372,615	256,760	251,000
Institute for Scientific & Technological Cooperation	0	0	0	0	0	0
Interstate Commerce Commission	0	0	0	0	0	0
Library of Congress	8,566	9,966	10,733	12,509	7,720	10,994
Nat'l Aeronautics & Space Admin ⁹	7,071,203	7,616,476	8,087,017	8,023,268	8,600,738	7,614,000
Nat'l Archives & Records Admin	691	685	320	280	120	120
National Science Foundation	1,630,600	1,732,700	1,754,242	1,872,991	1,876,000	2,054,000
Nuclear Regulatory Commission	107,467	116,487	119,598	92,374	88,835	75,237
Office of Economic Opportunity	NA	NA	NA	NA	NA	NA
Office of Emergency Preparedness	NA	NA	NA	NA	NA	NA
Office of Personnel Management	0	0	0	0	0	0
Office of Science & Technology	NA	NA	NA	NA	NA	NA
Off of Telecommunications Policy	NA	NA	NA	NA	NA	NA
Office of Thrift Supervision	NA	NA	NA	NA	NA	NA
Postal Service	0	0	0	0	0	0
Small Business Administration	0	0	0	0	0	0
Smithsonian Institution	93,999	94,243	96,000	121,230	119,000	121,000
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	68,647	98,831	108,566	97,855	93,070	6,143
United States Arms Control & Disarmament Agency ¹⁰	390	2,058	1,493	1,323	1,146	654
United States Commission on Civil Rights	0	0	0	0	0	0
United States Information Agency ¹¹	217	227	153	559	289	149
United States International Trade Commission ¹²	9,885	12,280	12,152	9,364	12,152	3,188

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

**Table 2. Federal outlays for research and development, by agency:
fiscal years 1967-2002**

[Dollars in thousands]

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Agency and subdivision	1997	1998	1999	2000	Preliminary	
					2001	2002
Total, all agencies	68,897,890	70,631,884	70,585,179	69,807,334	75,676,494	78,334,856
Departments:						
Department of Agriculture, total	1,342,188	1,379,498	1,446,246	1,551,189	1,670,544	1,738,568
Agricultural Cooperative Svc	NA	NA	NA	NA	NA	NA
Agricultural Marketing Service	4,482	4,208	4,435	4,839	5,164	5,164
Agricultural Research Service	699,476	687,068	733,479	790,418	877,682	884,436
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	386,489	412,726	424,169	425,362	449,529	482,861
Economic Research Service	42,410	54,974	57,803	63,873	57,526	57,792
Economics, Statistics, & Cooperative Svc, total	NA	NA	NA	NA	NA	NA
Economic Research Service	NA	NA	NA	NA	NA	NA
Farmer Cooperative Service	NA	NA	NA	NA	NA	NA
Statistical Reporting Svc	NA	NA	NA	NA	NA	NA
Economics & Statistics Service	NA	NA	NA	NA	NA	NA
Food Safety Inspection Service	15	190	664	2,332	0	0
Foreign Agricultural Service	1,422	1,422	1,422	1,422	1,422	1,422
Forest Service	179,800	188,000	194,000	232,000	244,000	268,000
Grain Inspection Packers & Stockyards Administration	2,752	2,745	2,714	3,620	5,484	6,017
Human Nutrition Info Svc	NA	NA	NA	NA	NA	NA
Nat'l Agri Statistics Svc	3,025	3,267	3,634	3,643	3,796	3,887
Natural Resources Conservation Service	0	0	0	0	0	0
Office of International Cooperation & Development	NA	NA	NA	NA	NA	NA
Office of Transportation	NA	NA	NA	NA	NA	NA
Rural Business-Cooperative Svc	2,468	4,436	3,500	3,110	3,900	5,600
Rural Development Service	NA	NA	NA	NA	NA	NA
Science & Ed Admin, total	NA	NA	NA	NA	NA	NA
Agricultural Research Svc	NA	NA	NA	NA	NA	NA
Cooperative State Rsch Svc	NA	NA	NA	NA	NA	NA
Nat'l Agricultural Library	NA	NA	NA	NA	NA	NA
Department of Commerce, total	967,136	994,097	999,753	1,065,552	1,135,282	1,216,863
Bureau of the Census	5,120	8,562	12,000	32,000	2,000	2,000
Economic Development Admin	550	557	550	576	550	550
Env Science Svcs Admin	NA	NA	NA	NA	NA	NA
Maritime Administration	NA	NA	NA	NA	NA	NA
Minority Business Dvlpmt Agcy	0	0	0	0	0	0
National Fire Prevention & Control Administration	NA	NA	NA	NA	NA	NA
Nat'l Inst of Standards & Tech	424,409	439,787	419,644	412,837	397,577	426,239
National Oceanic & Atmospheric Administration	509,263	519,643	547,222	597,139	701,155	748,074
Nat'l Technical Information Svc	0	0	0	0	0	0
National Telecommunications & Information Administration	27,794	25,548	20,337	23,000	34,000	40,000
Office of Productivity, Technology, & Innovation	NA	NA	NA	NA	NA	NA
Office of the Secretary	0	0	0	0	0	0
Office of Telecommunications	NA	NA	NA	NA	NA	NA
Patent & Trademark Office	0	0	0	0	0	0
United States Travel & Tourism Administration	0	0	0	0	0	0

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

**Table 2. Federal outlays for research and development, by agency:
fiscal years 1967-2002**

[Dollars in thousands]

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Agency and subdivision	1997	1998	1999	2000	Preliminary	
					2001	2002
Department of Defense, total	35,646,574	35,490,576	33,687,337	31,428,848	32,891,582	32,252,083
Defense Agencies, total	7,177,303	8,038,373	6,188,540	5,608,487	7,454,633	5,959,737
Ballistic Missile Def Org	3,237,957	3,414,525	3,186,227	2,361,191	3,454,397	2,452,941
Chemical and Biological Defense ¹	NA	NA	NA	0	0	0
Def Adv Rsch Projects Agcy	2,037,405	2,067,253	1,978,454	1,896,345	1,930,093	1,978,709
Defense Info Systems Agcy	42,541	49,080	85,403	119,401	138,322	184,071
Defense Logistics Agency	34,020	55,824	40,905	46,254	89,333	65,234
Def Special Weapons Agcy	202,363	NA	NA	NA	NA	NA
Def Threat Reduction Agcy	NA	239,372	147,394	375,092	386,214	368,869
Joint Staff	38,520	53,945	159,475	51,967	92,406	59,962
Nat'l Imagery & Mapping Agcy	0	0	0	0	0	0
Special Operations Command	207,977	182,988	164,624	197,752	186,632	188,711
TRICARE Management Activity ²	NA	NA	NA	69,071	609,951	114,040
Uniformed Services University of the Health Sciences	NA	NA	NA	NA	NA	NA
Washington Headquarters Services	1,376,520	1,975,386	426,058	491,414	567,285	547,200
Dept of the Air Force, total	14,886,658	14,242,463	13,899,409	11,726,769	10,350,888	9,915,480
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	4,885,151	4,916,328	5,067,782	4,820,059	5,437,726	6,658,264
Department of the Army, Civil Functions	30,941	39,446	44,804	43,743	45,088	44,349
Department of the Army, Military Functions	4,854,210	4,876,882	5,022,978	4,776,316	5,392,638	6,613,915
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	8,400,170	8,015,224	8,229,688	8,983,190	9,436,741	9,517,564
DT&E Support from Operations & Maintenance	NA	NA	NA	NA	NA	NA
DT&E Support from Procurement Appropriations	NA	NA	NA	NA	NA	NA
Housing for Military Personnel in R&D	NA	NA	NA	NA	NA	NA
Military Construction	NA	NA	NA	NA	NA	NA
Pay & Allowances of Military Personnel in R&D	NA	NA	NA	NA	NA	NA
RDT&E Appropriation	NA	NA	NA	NA	NA	NA
Special Foreign Currency Program	NA	NA	NA	NA	NA	NA
Def Civil Preparedness Agcy	NA	NA	NA	NA	NA	NA
Health Affairs, Assistant Secretary of Defense for	NA	NA	NA	NA	NA	NA
Operational Test & Evaluation, Director	21,500	27,808	44,667	32,915	189,338	201,038
Test & Evaluation, Deputy Under Secretary of Defense	275,792	250,380	257,251	257,428	22,256	0

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

**Table 2. Federal outlays for research and development, by agency:
fiscal years 1967-2002**

[Dollars in thousands]

Agency and subdivision	1997	1998	1999	2000	Preliminary	
					2001	2002
Department of Education	169,108	191,956	201,596	222,418	268,360	278,711
Department of Energy	5,678,624	5,876,657	6,035,022	6,067,554	6,690,243	6,383,656
Dept of Health, Education, & Welfare, total	NA	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	NA	NA	NA	NA
Center for Disease Control	NA	NA	NA	NA	NA	NA
Environmental Health Service	NA	NA	NA	NA	NA	NA
Food & Drug Administration	NA	NA	NA	NA	NA	NA
Health Care Financing Admin	NA	NA	NA	NA	NA	NA
Health Resources Admin	NA	NA	NA	NA	NA	NA
Health Services Administration	NA	NA	NA	NA	NA	NA
Hlth Svcs & Mental Health Admin	NA	NA	NA	NA	NA	NA
National Inst of Education	NA	NA	NA	NA	NA	NA
National Institutes of Health	NA	NA	NA	NA	NA	NA
Off of Asst Sec for Education	NA	NA	NA	NA	NA	NA
Off of the Asst Sec for Health	NA	NA	NA	NA	NA	NA
Office of Child Development	NA	NA	NA	NA	NA	NA
Office of Education	NA	NA	NA	NA	NA	NA
Office of Human Dvlpmt Svcs	NA	NA	NA	NA	NA	NA
Office of International Health	NA	NA	NA	NA	NA	NA
Office of the Secretary	NA	NA	NA	NA	NA	NA
Social & Rehabilitation Svc	NA	NA	NA	NA	NA	NA
Social Security Administration	NA	NA	NA	NA	NA	NA
Department of Health & Human Services, total	11,337,174	12,826,893	14,056,779	18,187,117	21,049,254	23,635,706
Admin for Children & Families	12,664	15,754	23,125	25,433	25,129	25,657
Administration on Aging	4,000	10,426	18,526	1,125	3,020	3,637
Agency for Healthcare Research and Quality ³	110,000	77,000	79,000	50,800	107,200	91,300
Agency for Toxic Substances Disease & Registry ⁴	NA	NA	NA	14,675	15,358	16,124
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	NA	NA	NA	NA
Centers for Disease Control & Prevention	306,000	343,559	433,307	439,000	502,000	568,000
Food & Drug Administration	157,260	142,937	130,802	141,209	148,331	155,349
Health Care Financing Admin	66,256	51,300	48,071	44,377	70,813	94,082
Health Resources Admin	NA	NA	NA	NA	NA	NA
Health Resources & Svcs Admin	13,136	12,925	12,382	35,615	50,950	20,855
Health Services Administration	NA	NA	NA	NA	NA	NA
Human Development Services	NA	NA	NA	NA	NA	NA
National Institutes of Health ⁵	10,575,904	11,892,534	13,005,709	16,918,319	19,472,722	21,982,487
Off of the Asst Sec for Health	NA	NA	NA	NA	NA	NA
Office of the Secretary, total	22,872	7,037	16,550	18,736	19,097	19,481
Office of the Asst Secretary, Planning & Evaluation	21,000	5,000	13,948	16,700	17,000	17,300
Off of Public Hlth & Science	1,872	2,037	2,602	2,036	2,097	2,181
Social Security Administration	NA	NA	NA	NA	NA	NA
Substance Abuse & Mental Health Services Administration ⁶	69,082	273,421	289,307	497,828	634,634	658,734

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

**Table 2. Federal outlays for research and development, by agency:
fiscal years 1967-2002**

[Dollars in thousands]

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Agency and subdivision	1997	1998	1999	2000	Preliminary	
					2001	2002
Dept of Housing & Urban Dvlpmnt	31,742	31,584	27,532	43,679	58,540	60,600
Department of the Interior, total	566,052	565,260	606,668	579,815	625,161	565,643
Bonneville Power Admin	NA	NA	NA	NA	NA	NA
Bureau of Land Management	0	0	0	0	0	0
Bureau of Mines	NA	NA	NA	NA	NA	NA
Bureau of Reclamation	6,800	8,835	10,269	9,848	10,154	8,400
Federal Water Pollution Control Administration	NA	NA	NA	NA	NA	NA
Geological Survey	512,477	499,904	545,721	506,128	549,499	490,780
Heritage Conservation & Recreation Service	NA	NA	NA	NA	NA	NA
Minerals Management Service	20,824	26,779	28,217	29,117	29,302	29,407
National Biological Service	NA	NA	NA	NA	NA	NA
National Park Service	25,951	29,742	22,461	34,722	36,206	37,056
National Resources Library	NA	NA	NA	NA	NA	NA
Office of Coal Research	NA	NA	NA	NA	NA	NA
Office of the Secretary	0	0	0	0	0	0
Office of Surface Mining Reclamation & Enforcement	0	0	0	0	0	0
Office of Water Research & Technology, total	NA	NA	NA	NA	NA	NA
Office of Saline Water	NA	NA	NA	NA	NA	NA
Off of Water Resources Rsch	NA	NA	NA	NA	NA	NA
United States Fish & Wildlife Service, total	0	0	0	0	0	0
Bureau of Commercial Fisheries	NA	NA	NA	NA	NA	NA
Bureau of Sport Fisheries & Wildlife	NA	NA	NA	NA	NA	NA
Department of Justice, total	75,519	73,192	85,336	42,755	62,459	42,717
Bureau of Prisons	4,645	8,110	9,310	6,590	7,307	7,917
Drug Enforcement Admin	1	0	0	0	0	0
Fed Bureau of Investigation	35,458	35,812	36,343	9,953	9,193	13,194
Immigration & Naturalization Service	400	0	200	550	575	600
Office of Justice Programs	35,015	29,270	39,483	25,662	45,384	21,006
Office of Legal Policy	0	0	0	0	0	0
Department of Labor, total	39,137	25,168	25,754	82,656	86,400	89,751
Bureau of Apprenticeship & Training	NA	NA	NA	NA	NA	NA
Bureau of Employment Security	NA	NA	NA	NA	NA	NA
Bureau of Labor Statistics	12,600	12,400	12,400	12,300	12,300	12,300
Employment Standards Admin	0	0	0	0	0	0
Employment & Training Admin	18,194	4,667	6,126	60,863	63,906	67,101
Labor-Management Relations & Cooperative Programs	NA	NA	NA	NA	NA	NA
Labor-Management Svcs Admin	NA	NA	NA	NA	NA	NA
Occupational Safety & Health Administration	5,439	4,554	3,725	5,741	5,469	5,613
Office of the Secretary	229	200	976	1,267	1,880	1,880
Pension & Welfare Benefits Administration	2,020	2,740	1,843	1,772	2,123	2,123
Pension Benefit Guaranty Corp	655	607	684	713	722	734
Wage & Hour Division	0	0	0	0	0	0
Post Office Department	NA	NA	NA	NA	NA	NA

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

**Table 2. Federal outlays for research and development, by agency:
fiscal years 1967-2002**

[Dollars in thousands]

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Agency and subdivision	1997	1998	1999	2000	Preliminary	
					2001	2002
Department of State, total	648	513	968	933	1,000	1,000
Agy for Internat'l Dvlpmt	NA	NA	NA	NA	NA	NA
Bureau of Intelligence & Rsch	0	0	0	0	0	0
Departmental Funds	0	0	0	0	0	0
Peace Corps	0	0	0	0	0	0
Dept of Transportation, total	527,579	516,004	508,391	436,697	506,723	567,496
Coast Guard	22,932	19,884	20,405	19,781	23,706	23,048
Federal Aviation Admin	218,000	210,527	173,658	217,594	264,847	266,447
Federal Highway Administration	215,576	209,272	230,665	106,654	99,225	167,804
Federal Motor Carrier Safety Administration ⁷	NA	NA	NA	379	5,000	11,000
Federal Railroad Admin	18,107	21,976	21,147	25,324	38,151	30,824
Federal Transit Administration	19,525	10,159	10,612	12,014	13,394	5,120
Infrastructure Investment	NA	NA	NA	NA	NA	NA
Maritime Administration	0	0	0	0	0	0
Materials Transportation Bureau	0	0	0	0	0	0
National Highway Traffic Safety Administration	23,000	33,297	40,280	40,455	46,650	47,234
Office of the Secretary	2,000	3,658	3,700	7,516	7,300	6,600
Rsch & Special Programs Admin	8,439	7,231	7,924	6,980	8,450	9,419
Department of the Treasury, total	59,686	65,068	64,715	60,271	74,373	79,253
Bureau of Alcohol, Tobacco, & Firearms	NA	NA	NA	NA	NA	NA
Bureau of Engraving & Printing	1,704	2,799	2,110	2,847	3,469	3,500
Financial Crimes Enforcement Network	0	0	0	0	0	0
Internal Revenue Service	50,831	52,028	55,840	53,275	65,631	68,913
Office of Thrift Supervision	638	684	144	128	209	219
United States Customs Service	6,130	9,026	5,305	1,800	3,250	4,900
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	234,851	246,871	339,088	341,664	350,228	360,237
Other agencies:						
ACTION	0	0	0	0	0	0
Advisory Commission on Intergovernmental Relations	NA	NA	NA	NA	NA	NA
Appalachian Regional Commission	900	680	831	625	665	750
Atomic Energy Commission	NA	NA	NA	NA	NA	NA
Broadcasting Board of Governors ⁸	NA	NA	NA	84	5	100
Civil Aeronautics Board	NA	NA	NA	NA	NA	NA
Civil Service Commission	NA	NA	NA	NA	NA	NA
Community Services Admin	NA	NA	NA	NA	NA	NA
Consumer Product Safety Comm	71	12	0	0	0	0
Energy Research & Dvlpmt Admin	NA	NA	NA	NA	NA	NA
Energy Security Trust Fund	NA	NA	NA	NA	NA	NA
Environmental Protection Agency ⁴	515,000	503,000	532,000	472,000	522,000	484,000
Fed Communications Commission	3,099	3,025	4,487	2,789	1,992	1,348
Federal Emergency Management Agency, total	0	0	0	0	0	0
Def Civil Preparedness Agcy	0	0	0	0	0	0
National Fire Prevention & Control Administration	0	0	0	0	0	0
Federal Energy Administration	NA	NA	NA	NA	NA	NA
Federal Trade Commission	696	1,144	1,254	674	1,272	1,484
Foundation for Ed Assistance	NA	NA	NA	NA	NA	NA
General Services Administration	0	0	0	0	0	0

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

**Table 2. Federal outlays for research and development, by agency:
fiscal years 1967-2002**

[Dollars in thousands]

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Agency and subdivision	1997	1998	1999	2000	Preliminary	
					2001	2002
International Development						
Cooperation Agency, total	206,410	212,032	203,037	179,000	183,000	183,000
Agcy for Internat'l Dvlpmt	206,410	212,032	203,037	179,000	183,000	183,000
Institute for Scientific & Technological Cooperation	0	0	0	0	0	0
Interstate Commerce Commission	0	0	0	0	0	0
Library of Congress	2,542	1,605	2,128	2,211	1,791	3,370
Nat'l Aeronautics & Space Admin ⁹	9,273,000	9,421,000	9,415,000	6,424,000	6,671,000	7,233,000
Nat'l Archives & Records Admin	120	120	120	120	120	120
National Science Foundation	2,000,000	2,010,000	2,144,000	2,446,000	2,644,000	2,928,000
Nuclear Regulatory Commission	67,471	54,301	48,000	47,000	47,000	50,000
Office of Economic Opportunity	NA	NA	NA	NA	NA	NA
Office of Emergency Preparedness	NA	NA	NA	NA	NA	NA
Office of Personnel Management	0	0	0	0	0	0
Office of Science & Technology	NA	NA	NA	NA	NA	NA
Off of Telecommunications Policy	NA	NA	NA	NA	NA	NA
Office of Thrift Supervision	NA	NA	NA	NA	NA	NA
Postal Service	0	0	0	0	0	0
Small Business Administration	0	0	0	0	0	0
Smithsonian Institution	123,000	113,000	86,000	93,000	95,000	97,000
Social Security Administration	13,618	17,422	53,282	28,683	38,500	80,400
Special Action Office for Drug Abuse Prevention	NA	NA	NA	NA	NA	NA
Tennessee Valley Authority	8,916	2,655	0	0	0	0
United States Arms Control & Disarmament Agency ¹⁰	1,200	1,200	0	0	0	0
United States Commission on Civil Rights	0	0	0	0	0	0
United States Information Agency ¹¹	152	186	117	NA	NA	NA
United States International Trade Commission ¹²	5,677	7,165	9,738	0	0	0

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

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

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