

Table 38. Federal obligations to intramural performers for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1970	1971	1972	1973	1974	1975	1976
Total, all agencies	1,345,467	1,322,489	1,387,469	1,480,388	1,574,289	1,730,268	2,093,149
Departments:							
Department of Agriculture, total	114,655	128,331	141,777	148,641	158,376	178,112	194,105
Agricultural Cooperative Svc	NA	NA	NA	NA	NA	NA	NA
Agricultural Marketing Service	NA	NA	0	0	0	0	0
Agricultural Research Service	NA	NA	NA	NA	NA	NA	NA
Agricultural Stabilization & Conservation Service	0	0	0	0	0	0	0
Animal & Plant Health							
Inspection Service	NA	NA	NA	NA	NA	NA	NA
Cooperative State Research, Ed, & Extension Service	NA	NA	NA	NA	NA	NA	NA
Economic Research Service	NA	NA	NA	NA	NA	NA	NA
Economics, Statistics, & Cooperative Svc, total	11,349	11,590	12,429	13,312	14,049	19,504	22,008
Economic Research Service	10,424	10,583	11,169	11,833	12,536	17,791	19,764
Farmer Cooperative Service	644	717	989	1,105	1,164	1,045	1,204
Statistical Reporting Svc	281	290	271	374	349	668	1,040
Economics & Statistics Service	NA	NA	NA	NA	NA	NA	NA
Food Safety Inspection Service	NA	NA	NA	NA	NA	NA	NA
Foreign Agricultural Service	NA	NA	NA	NA	NA	NA	NA
Forest Service	27,292	29,195	33,647	35,617	40,808	50,445	50,263
Grain Inspection Packers & Stockyards Administration	NA	NA	NA	NA	NA	NA	0
Human Nutrition Info Svc	NA	NA	NA	NA	NA	NA	NA
Nat'l Agri Statistics Svc	0	0	0	0	0	0	0
Natural Resources Conservation Service	0	0	0	0	0	0	0
Office of International Cooperation & Development	NA	NA	NA	NA	NA	NA	NA
Office of Transportation	NA	NA	NA	NA	NA	NA	NA
Rural Business-Cooperative Svc	NA	NA	NA	NA	NA	NA	NA
Rural Development Service	NA	NA	0	0	0	0	0
Science & Ed Admin, total	76,014	87,546	95,701	99,712	103,519	108,163	121,834
Agricultural Research Svc	74,617	86,054	94,116	98,109	101,722	106,199	119,958
Cooperative State Rsch Svc	1,290	1,309	1,407	1,440	1,754	1,958	1,873
Nat'l Agricultural Library	107	183	178	163	43	6	3
Department of Commerce, total	58,447	64,298	86,798	84,541	85,791	103,819	109,743
Bureau of the Census	1,357	1,662	1,457	358	456	441	1,780
Economic Development Admin	524	635	266	225	45	303	153
Env Science Svcs Admin	NA	NA	NA	NA	NA	NA	NA
Maritime Administration	515	1,457	1,889	529	450	449	677
Minority Business Dvlpmt Agcy	0	0	0	0	108	121	101
National Fire Prevention & Control Administration	NA	NA	NA	NA	NA	20	953
Nat'l Inst of Standards & Tech	12,294	13,485	24,687	25,686	25,715	28,793	31,637
National Oceanic & Atmospheric Administration	43,473	45,010	58,499	55,633	57,294	72,980	74,021
Nat'l Technical Information Svc	NA	NA	NA	NA	NA	0	0
National Telecommunications & Information Administration	NA	NA	NA	NA	NA	NA	NA
Office of Productivity, Technology, & Innovation	0	0	0	NA	NA	NA	NA
Office of the Secretary	0	0	0	0	0	0	0
Office of Telecommunications	0	1,637	0	2,035	1,476	462	234
Patent & Trademark Office	284	412	0	0	247	250	187
United States Travel & Tourism Administration	0	0	0	75	0	0	0

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

**Table 38. Federal obligations to intramural performers for applied research, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

Agency and subdivision	1970	1971	1972	1973	1974	1975	1976
Department of Defense, total	487,303	472,658	558,199	587,572	564,498	510,684	555,767
Defense Agencies, total	79,573	86,998	101,036	98,588	84,311	73,759	77,374
Ballistic Missile Def Org	NA	NA	NA	NA	NA	NA	NA
Chemical and Biological Defense ¹	NA	NA	NA	NA	NA	NA	NA
Def Adv Rsch Projects Agcy	NA	NA	NA	NA	NA	NA	NA
Defense Info Systems Agcy	NA	NA	NA	NA	NA	NA	NA
Defense Logistics Agency	NA	NA	NA	NA	NA	NA	NA
Def Special Weapons Agcy	NA	NA	NA	NA	NA	NA	NA
Def Threat Reduction Agcy	NA	NA	NA	NA	NA	NA	NA
Joint Staff	NA	NA	NA	NA	NA	NA	NA
Nat'l Imagery & Mapping Agcy	NA	NA	NA	NA	NA	NA	NA
Special Operations Command	NA	NA	NA	NA	NA	NA	NA
TRICARE Management Activity ²	NA	NA	NA	NA	NA	NA	NA
Uniformed Services University of the Health Sciences	NA	NA	NA	NA	NA	NA	NA
Washington Headquarters Services	NA	NA	NA	NA	NA	NA	NA
Dept of the Air Force, total	59,825	60,969	71,100	72,907	73,759	66,456	65,459
Department of the Army, total	184,305	154,161	183,690	207,932	198,022	173,837	203,103
Department of the Army, Civil Functions	5,946	4,707	3,745	4,094	4,595	4,730	8,635
Department of the Army, Military Functions	178,359	149,454	179,945	203,838	193,427	169,107	194,468
Department of the Navy, total	163,031	170,177	201,986	207,833	208,135	196,382	209,726
Def Civil Preparedness Agcy	569	353	387	312	271	250	105
Health Affairs, Assistant Secretary of Defense for Operational Test & Evaluation, Director	NA	NA	NA	NA	NA	NA	NA
Test & Evaluation, Deputy Under Secretary of Defense	0	0	0	0	0	0	0

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

**Table 38. Federal obligations to intramural performers for applied research, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

Agency and subdivision	1970	1971	1972	1973	1974	1975	1976
Department of Education	NA	NA	NA	NA	NA	NA	NA
Department of Energy	NA	NA	NA	NA	NA	NA	NA
Dept of Health, Education, & Welfare, total	118,274	139,434	159,285	183,940	195,731	218,210	233,895
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	0	9,811	16,137	3,648	8,414
Center for Disease Control	0	0	0	29,528	22,859	27,875	34,471
Environmental Health Service	0	0	0	0	0	0	0
Food & Drug Administration	13,350	16,438	20,827	17,026	19,144	23,111	22,810
Health Care Financing Admin	NA	NA	NA	NA	NA	NA	NA
Health Resources Admin	0	0	0	780	273	7,008	6,850
Health Services Administration	0	0	0	3,007	2,984	2,806	3,583
Hlth Svcs & Mental Health Admin	24,940	30,557	31,581	0	0	0	0
National Inst of Education	0	0	0	147	247	261	1,036
National Institutes of Health	66,339	80,646	93,012	103,500	112,224	134,494	145,937
Off of Asst Sec for Education	0	0	0	0	0	75	75
Off of the Asst Sec for Health	0	0	0	0	0	0	0
Office of Child Development	50	235	247	0	0	0	0
Office of Education	953	1,370	695	115	136	73	136
Office of Human Dvlpmt Svcs	0	0	0	2,000	1,207	385	2,563
Office of International Health	0	0	0	0	0	NA	NA
Office of the Secretary	0	0	0	0	2,514	1,275	562
Social & Rehabilitation Svc	998	308	521	1,523	520	514	514
Social Security Administration	11,644	9,880	12,402	16,503	17,486	16,685	6,944
Department of Health & Human Services, total	NA	NA	NA	NA	NA	NA	NA
Admin for Children & Families	NA	NA	NA	NA	NA	NA	NA
Administration on Aging	NA	NA	NA	NA	NA	NA	NA
Agency for Healthcare Research and Quality ³	NA	NA	NA	NA	NA	NA	NA
Agency for Toxic Substances Disease & Registry ⁴	NA	NA	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	NA	NA	NA	NA	NA
Centers for Disease Control & Prevention	NA	NA	NA	NA	NA	NA	NA
Food & Drug Administration	NA	NA	NA	NA	NA	NA	NA
Health Care Financing Admin	NA	NA	NA	NA	NA	NA	NA
Health Resources Admin	NA	NA	NA	NA	NA	NA	NA
Health Resources & Svcs Admin	NA	NA	NA	NA	NA	NA	NA
Health Services Administration	NA	NA	NA	NA	NA	NA	NA
Human Development Services	NA	NA	NA	NA	NA	NA	NA
National Institutes of Health ⁵	NA	NA	NA	NA	NA	NA	NA
Off of the Asst Sec for Health	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary, total	NA	NA	NA	NA	NA	NA	NA
Office of the Asst Secretary, Planning & Evaluation	NA	NA	NA	NA	NA	NA	NA
Off of Public Hlth & Science	NA	NA	NA	NA	NA	NA	NA
Social Security Administration	NA	NA	NA	NA	NA	NA	NA
Substance Abuse & Mental Health Services Administration ⁶	NA	NA	NA	NA	NA	NA	NA

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

**Table 38. Federal obligations to intramural performers for applied research, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

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Agency and subdivision	1970	1971	1972	1973	1974	1975	1976
Dept of Housing & Urban Dvlpmt	50	2,629	810	6,884	7,546	10,380	11,106
Department of the Interior, total	55,166	61,940	69,291	75,488	66,905	99,794	123,614
Bonneville Power Admin	134	124	98	96	54	99	125
Bureau of Land Management	350	407	444	380	341	323	235
Bureau of Mines	26,213	28,631	27,719	29,136	18,331	19,800	39,439
Bureau of Reclamation	2,695	3,444	4,105	3,538	3,579	4,155	4,797
Federal Water Pollution Control Administration	NA	NA	NA	NA	NA	NA	NA
Geological Survey	18,920	20,183	28,711	32,838	37,424	63,518	67,241
Heritage Conservation & Recreation Service	92	85	35	24	20	20	20
Minerals Management Service	NA	NA	NA	NA	NA	NA	NA
National Biological Service	NA	NA	NA	NA	NA	NA	NA
National Park Service	0	437	407	547	483	3,339	4,564
National Resources Library	NA	NA	NA	NA	NA	0	0
Office of Coal Research	300	149	45	996	NA	NA	NA
Office of the Secretary	0	25	12	340	0	215	0
Office of Surface Mining Reclamation & Enforcement	0	0	0	NA	NA	NA	NA
Office of Water Research & Technology, total	730	947	919	618	779	1,401	1,205
Office of Saline Water	224	305	175	NA	NA	NA	NA
Off of Water Resources Rsch	506	642	744	618	NA	NA	NA
United States Fish & Wildlife Service, total	5,732	7,508	6,796	6,975	5,894	6,924	5,988
Bureau of Commercial Fisheries	NA	NA	NA	NA	NA	NA	NA
Bureau of Sport Fisheries & Wildlife	NA	NA	NA	NA	NA	NA	NA
Department of Justice, total	301	492	2,810	528	1,486	1,291	2,079
Bureau of Prisons	0	0	0	0	0	0	0
Drug Enforcement Admin	25	184	329	392	86	50	100
Fed Bureau of Investigation	0	0	0	0	0	0	0
Immigration & Naturalization Service	0	0	0	0	0	2	1
Office of Justice Programs	276	308	2,481	136	1,400	1,239	1,978
Office of Legal Policy	0	0	0	0	0	0	0
Department of Labor, total	4,652	4,981	5,644	3,659	4,523	6,419	8,876
Bureau of Apprenticeship & Training	0	0	0	NA	NA	NA	NA
Bureau of Employment Security	0	0	0	NA	NA	NA	NA
Bureau of Labor Statistics	1,144	1,450	2,489	792	643	733	776
Employment Standards Admin	2,216	1,431	1,433	1,022	891	3,240	4,268
Employment & Training Admin	1,292	1,690	1,569	1,414	1,993	1,462	2,445
Labor-Management Relations & Cooperative Programs	NA	NA	NA	NA	NA	NA	NA
Labor-Management Svcs Admin	0	0	0	0	251	274	274
Occupational Safety & Health Administration	0	326	0	110	305	212	300
Office of the Secretary	0	84	153	321	440	498	813
Pension & Welfare Benefits Administration	NA	NA	NA	NA	NA	NA	NA
Pension Benefit Guaranty Corp	NA	NA	NA	NA	NA	NA	NA
Wage & Hour Division	0	0	0	0	0	0	0
Post Office Department	1,634	NA	NA	NA	NA	NA	NA

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[Dollars in thousands]

Agency and subdivision	1970	1971	1972	1973	1974	1975	1976
Department of State, total	4,771	6,158	2,941	3,907	3,183	1,382	5,316
Agy for Internat'l Dvlpmt	4,648	6,054	2,801	3,768	2,980	1,151	5,099
Bureau of Intelligence & Rsch	0	0	0	0	0	0	0
Departmental Funds	52	104	140	139	203	231	217
Peace Corps	71	0	0	0	0	0	0
Dept of Transportation, total	23,451	32,057	22,099	15,966	15,674	15,699	10,819
Coast Guard	2,053	2,386	2,306	1,046	1,249	1,210	1,187
Federal Aviation Admin	2,689	4,813	3,992	3,177	2,993	3,008	641
Federal Highway Administration	4,808	3,797	3,064	150	515	400	188
Federal Motor Carrier Safety Administration ⁷	NA	NA	NA	NA	NA	NA	NA
Federal Railroad Admin	5,268	9,666	2,697	4,617	1,170	2,084	6,703
Federal Transit Administration	9	2,626	2,073	1,641	1,674	1,368	283
Infrastructure Investment	NA	NA	NA	NA	NA	NA	NA
Maritime Administration	NA	NA	NA	NA	NA	NA	NA
Materials Transportation Bureau	0	0	0	0	0	0	0
National Highway Traffic Safety Administration	1,370	6,175	5,330	1,280	894	765	272
Office of the Secretary	7,254	2,594	2,637	4,055	7,179	6,864	1,545
Rsch & Special Programs Admin	NA	NA	NA	NA	NA	NA	NA
Department of the Treasury, total	286	383	431	413	457	400	1,474
Bureau of Alcohol, Tobacco, & Firearms	0	0	0	0	0	0	0
Bureau of Engraving & Printing	286	383	431	413	457	400	1,474
Financial Crimes Enforcement Network	0	0	0	0	0	0	0
Internal Revenue Service	0	0	0	0	0	0	0
Office of Thrift Supervision	NA	NA	NA	NA	NA	NA	NA
United States Customs Service	0	0	0	0	0	0	0
United States Mint	0	0	0	0	0	0	0
United States Secret Service	NA	NA	NA	NA	NA	NA	NA
Department of Veterans Affairs	51,714	57,897	62,847	66,180	74,940	82,884	76,227
Other agencies:							
ACTION	0	31	0	0	1	2	8
Advisory Commission on Intergovernmental Relations	553	544	699	858	1,135	1,238	1,026
Appalachian Regional Commission	0	0	NA	NA	NA	NA	20
Atomic Energy Commission	3,852	4,174	4,126	4,927	NA	NA	NA
Broadcasting Board of Governors ⁸	NA	NA	NA	NA	NA	NA	NA
Civil Aeronautics Board	0	0	0	0	0	0	0
Civil Service Commission	196	233	283	294	1,056	972	820
Community Services Admin	NA	NA	NA	NA	50	23	0
Consumer Product Safety Comm	0	0	0	91	2,350	1,221	1,595
Energy Research & Dvlpmt Admin	0	0	0	0	14,261	24,547	21,236
Energy Security Trust Fund	NA	NA	NA	NA	NA	NA	NA
Environmental Protection Agency ⁴	18,686	19,481	18,310	22,032	25,816	63,433	77,300
Fed Communications Commission	615	616	576	695	766	803	986
Federal Emergency Management Agency, total	NA	NA	NA	NA	NA	NA	NA
Def Civil Preparedness Agy	NA	NA	NA	NA	NA	NA	NA
National Fire Prevention & Control Administration	NA	NA	NA	NA	NA	NA	NA
Federal Energy Administration	0	0	0	0	0	39	295
Federal Trade Commission	388	440	607	670	932	934	550
Foundation for Ed Assistance	NA	NA	NA	NA	NA	NA	NA
General Services Administration	198	55	92	136	5	10	27
International Development Cooperation Agency, total	NA	NA	NA	NA	NA	NA	NA
Agy for Internat'l Dvlpmt	NA	NA	NA	NA	NA	NA	NA
Institute for Scientific & Technological Cooperation	0	0	0	0	0	0	0
Interstate Commerce Commission	0	0	0	0	0	0	123
Library of Congress	925	962	1,151	1,439	358	388	256

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

**Table 38. Federal obligations to intramural performers for applied research, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

Agency and subdivision	1970	1971	1972	1973	1974	1975	1976
Nat'l Aeronautics & Space Admin ⁹	383,887	305,697	232,166	235,776	334,542	383,625	633,466
Nat'l Archives & Records Admin	NA	NA	NA	NA	NA	NA	NA
National Science Foundation	1,500	3,727	2,411	9,627	7,359	10,878	5,666
Nuclear Regulatory Commission	NA	NA	NA	NA	145	4,207	7,430
Office of Economic Opportunity	3,898	5,638	3,800	5,409	NA	NA	NA
Office of Emergency Preparedness	620	272	255	NA	NA	NA	NA
Office of Personnel Management	NA	NA	NA	NA	NA	NA	NA
Office of Science & Technology	557	609	611	NA	NA	NA	NA
Off of Telecommunications Policy	0	50	100	100	25	1,899	1,200
Office of Thrift Supervision	291	395	492	528	631	659	748
Postal Service	NA	335	0	0	0	0	0
Small Business Administration	10	0	0	0	0	16	5
Smithsonian Institution	0	0	0	0	0	0	0
Social Security Administration	NA	NA	NA	NA	NA	NA	NA
Special Action Office for Drug Abuse Prevention	0	0	0	8,259	248	102	NA
Tennessee Valley Authority	6,254	7,324	8,228	11,236	5,259	5,899	5,688
United States Arms Control & Disarmament Agency ¹⁰	2,233	540	512	501	139	215	84
United States Commission on Civil Rights	0	0	0	0	0	0	0
United States Information Agency ¹¹	100	108	118	91	101	84	99
United States International Trade Commission ¹²	0	0	0	0	0	0	1,500

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Table 38. Federal obligations to intramural performers for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1977	1978	1979	1980	1981	1982	1983
Total, all agencies	2,043,582	2,191,504	2,392,106	2,483,807	2,732,372	2,728,671	3,020,422
Departments:							
Department of Agriculture, total	228,092	237,414	257,549	250,364	279,714	284,236	292,985
Agricultural Cooperative Svc	NA	NA	NA	1,419	1,213	1,450	1,752
Agricultural Marketing Service	0	0	345	950	877	943	802
Agricultural Research Service	NA	NA	NA	NA	157,939	170,456	183,184
Agricultural Stabilization & Conservation Service	0	0	0	0	0	0	0
Animal & Plant Health							
Inspection Service	0	0	0	0	0	0	0
Cooperative State Research, Ed, & Extension Service	NA	NA	NA	NA	4,194	4,537	3,962
Economic Research Service	NA	NA	NA	NA	34,080	33,998	32,603
Economics, Statistics, & Cooperative Svc, total	25,223	26,867	28,326	NA	NA	NA	NA
Economic Research Service	NA	NA	NA	NA	NA	NA	NA
Farmer Cooperative Service	NA	NA	NA	NA	NA	NA	NA
Statistical Reporting Svc	NA	NA	NA	NA	NA	NA	NA
Economics & Statistics Service	NA	NA	NA	23,376	NA	NA	NA
Food Safety Inspection Service	NA	NA	NA	NA	0	0	0
Foreign Agricultural Service	NA	NA	NA	NA	NA	NA	NA
Forest Service	57,530	65,548	67,023	67,548	74,050	63,485	60,375
Grain Inspection Packers & Stockyards Administration	0	0	0	0	0	0	0
Human Nutrition Info Svc	NA	NA	NA	NA	0	4,100	5,100
Nat'l Agri Statistics Svc	NA	NA	NA	NA	6,652	4,284	4,388
Natural Resources Conservation Service	0	0	0	0	0	0	0
Office of International Cooperation & Development	NA	NA	0	373	401	663	513
Office of Transportation	NA	NA	0	0	308	320	306
Rural Business-Cooperative Svc	NA	NA	NA	NA	NA	NA	NA
Rural Development Service	0	0	NA	NA	NA	NA	NA
Science & Ed Admin, total	145,339	144,999	161,855	156,698	NA	NA	NA
Agricultural Research Svc	142,846	142,035	158,317	152,600	NA	NA	NA
Cooperative State Rsch Svc	2,493	2,964	3,538	4,098	NA	NA	NA
Nat'l Agricultural Library	NA	NA	NA	NA	NA	NA	NA
Department of Commerce, total	132,133	140,152	150,742	170,165	173,930	182,347	196,692
Bureau of the Census	1,808	1,827	1,224	1,405	2,578	1,561	1,919
Economic Development Admin	240	902	993	216	200	171	553
Env Science Svcs Admin	NA	NA	NA	NA	NA	NA	NA
Maritime Administration	933	1,054	1,772	1,825	NA	NA	NA
Minority Business Dvlpmt Agcy	64	0	0	0	0	0	0
National Fire Prevention & Control Administration	1,135	NA	NA	NA	NA	NA	NA
Nat'l Inst of Standards & Tech	37,526	39,656	42,296	44,879	48,656	55,972	59,257
National Oceanic & Atmospheric Administration	88,527	95,628	102,055	112,185	112,639	114,543	128,057
Nat'l Technical Information Svc	0	0	0	0	0	0	0
National Telecommunications & Information Administration	1,900	1,085	2,400	9,625	9,857	10,100	6,906
Office of Productivity, Technology, & Innovation	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	0	0	2	30	0	0	0
Office of Telecommunications	NA	NA	NA	NA	NA	NA	NA
Patent & Trademark Office	0	0	0	0	0	0	0
United States Travel & Tourism Administration	0	0	0	0	0	0	0

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

**Table 38. Federal obligations to intramural performers for applied research, by agency:
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[Dollars in thousands]

Agency and subdivision	1977	1978	1979	1980	1981	1982	1983
Department of Defense, total	594,485	588,875	656,414	651,693	800,980	814,227	985,831
Defense Agencies, total	86,433	89,941	82,194	110,214	125,764	194,121	232,247
Ballistic Missile Def Org	NA	NA	NA	NA	NA	NA	NA
Chemical and Biological Defense ¹	NA	NA	NA	NA	NA	NA	NA
Def Adv Rsch Projects Agcy	NA	NA	NA	NA	NA	NA	NA
Defense Info Systems Agcy	NA	NA	NA	NA	NA	NA	NA
Defense Logistics Agency	NA	NA	NA	NA	NA	NA	NA
Def Special Weapons Agcy	NA	NA	NA	NA	NA	NA	NA
Def Threat Reduction Agcy	NA	NA	NA	NA	NA	NA	NA
Joint Staff	NA	NA	NA	NA	NA	NA	NA
Nat'l Imagery & Mapping Agcy	NA	NA	NA	NA	NA	NA	NA
Special Operations Command	NA	NA	NA	NA	NA	NA	NA
TRICARE Management Activity ²	NA	NA	NA	NA	NA	NA	NA
Uniformed Services University of the Health Sciences	NA	NA	NA	NA	NA	NA	NA
Washington Headquarters Services	NA	NA	NA	NA	NA	NA	NA
Dept of the Air Force, total	74,837	73,839	89,655	132,555	154,648	140,591	148,291
Department of the Army, total	218,015	216,170	237,156	225,373	237,634	287,817	312,922
Department of the Army, Civil Functions	12,994	11,935	12,983	13,935	14,540	13,870	13,323
Department of the Army, Military Functions	205,021	204,235	224,173	211,438	223,094	273,947	299,599
Department of the Navy, total	215,092	207,252	247,409	183,551	282,934	191,698	292,371
Def Civil Preparedness Agcy	108	1,673	NA	NA	NA	NA	NA
Health Affairs, Assistant Secretary of Defense for Operational Test & Evaluation, Director	NA	NA	NA	NA	NA	NA	NA
Test & Evaluation, Deputy Under Secretary of Defense	0	0	0	0	0	0	0

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

Table 38. Federal obligations to intramural performers for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1977	1978	1979	1980	1981	1982	1983
Department of Education	NA	NA	5,748	1,881	0	7,243	5,144
Department of Energy	25,982	35,730	48,495	75,125	71,212	60,793	108,565
Dept of Health, Education, & Welfare, total	273,246	338,252	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	9,190	18,722	NA	NA	NA	NA	NA
Center for Disease Control	38,994	42,618	NA	NA	NA	NA	NA
Environmental Health Service	0	0	NA	NA	NA	NA	NA
Food & Drug Administration	25,295	41,093	NA	NA	NA	NA	NA
Health Care Financing Admin	7,960	5,238	NA	NA	NA	NA	NA
Health Resources Admin	296	200	NA	NA	NA	NA	NA
Health Services Administration	1,752	3,195	NA	NA	NA	NA	NA
Hlth Svcs & Mental Health Admin	0	0	NA	NA	NA	NA	NA
National Inst of Education	3,028	2,714	NA	NA	NA	NA	NA
National Institutes of Health	168,653	201,947	NA	NA	NA	NA	NA
Off of Asst Sec for Education	75	138	NA	NA	NA	NA	NA
Off of the Asst Sec for Health	6,942	8,900	NA	NA	NA	NA	NA
Office of Child Development	0	0	NA	NA	NA	NA	NA
Office of Education	563	611	NA	NA	NA	NA	NA
Office of Human Dvlpmnt Svcs	2,456	2,780	NA	NA	NA	NA	NA
Office of International Health	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	47	250	NA	NA	NA	NA	NA
Social & Rehabilitation Svc	NA	NA	NA	NA	NA	NA	NA
Social Security Administration	7,995	9,846	NA	NA	NA	NA	NA
Department of Health & Human Services, total	NA	NA	359,016	386,068	398,356	419,552	434,059
Admin for Children & Families	NA	NA	NA	NA	NA	NA	NA
Administration on Aging	NA	NA	NA	NA	NA	NA	NA
Agency for Healthcare Research and Quality ³	NA	NA	NA	NA	NA	NA	NA
Agency for Toxic Substances Disease & Registry ⁴	NA	NA	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	20,636	26,589	29,674	34,340	48,276
Centers for Disease Control & Prevention	NA	NA	55,964	66,693	52,777	54,219	51,436
Food & Drug Administration	NA	NA	44,068	59,824	57,857	64,579	67,070
Health Care Financing Admin	NA	NA	3,682	5,750	3,185	1,518	1,065
Health Resources Admin	NA	NA	150	154	88	NA	NA
Health Resources & Svcs Admin	NA	NA	NA	NA	NA	600	1,148
Health Services Administration	NA	NA	3,052	2,007	2,178	NA	NA
Human Development Services	NA	NA	1,472	1,223	2,484	1,093	990
National Institutes of Health ⁵	NA	NA	206,515	201,705	230,854	244,134	255,845
Off of the Asst Sec for Health	NA	NA	4,863	5,465	6,163	4,163	0
Office of the Secretary, total	NA	NA	3,274	1,944	1,890	2,466	2,116
Office of the Asst Secretary, Planning & Evaluation	NA	NA	NA	NA	NA	NA	NA
Off of Public Hlth & Science	NA	NA	NA	NA	NA	NA	NA
Social Security Administration	NA	NA	15,340	14,714	11,206	12,440	6,113
Substance Abuse & Mental Health Services Administration ⁶	NA	NA	NA	NA	NA	NA	NA

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

Table 38. Federal obligations to intramural performers for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1977	1978	1979	1980	1981	1982	1983
Dept of Housing & Urban Dvlpmt	14,365	10,901	14,680	11,986	15,485	9,073	1,005
Department of the Interior, total	134,183	142,217	156,890	157,648	177,808	174,805	170,979
Bonneville Power Admin	0	0	0	0	1,806	NA	NA
Bureau of Land Management	489	467	580	584	770	680	1,820
Bureau of Mines	40,322	35,200	28,000	36,200	24,400	41,600	35,860
Bureau of Reclamation	4,819	5,536	5,179	5,638	7,368	6,047	6,884
Federal Water Pollution Control Administration	NA	NA	NA	NA	NA	NA	NA
Geological Survey	73,834	80,254	88,599	84,834	105,224	89,747	83,211
Heritage Conservation & Recreation Service	20	NA	NA	NA	NA	NA	NA
Minerals Management Service	NA	NA	NA	NA	NA	0	335
National Biological Service	NA	NA	NA	NA	NA	NA	NA
National Park Service	4,582	3,512	5,898	5,995	7,160	9,358	10,554
National Resources Library	NA	NA	NA	NA	NA	NA	NA
Office of Coal Research	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	406	0	0	0	0	0	0
Office of Surface Mining Reclamation & Enforcement	0	198	1,434	666	1,563	994	465
Office of Water Research & Technology, total	771	500	1,310	400	1,120	1,194	324
Office of Saline Water	NA	NA	NA	NA	NA	NA	NA
Off of Water Resources Rsch	NA	NA	NA	NA	NA	NA	NA
United States Fish & Wildlife Service, total	8,940	16,550	25,890	23,331	28,397	25,185	31,526
Bureau of Commercial Fisheries	NA	NA	NA	NA	NA	NA	NA
Bureau of Sport Fisheries & Wildlife	NA	NA	NA	NA	NA	NA	NA
Department of Justice, total	1,720	2,187	2,253	1,029	1,118	1,241	892
Bureau of Prisons	42	210	4	57	457	475	490
Drug Enforcement Admin	400	100	100	100	100	400	300
Fed Bureau of Investigation	0	0	0	0	0	0	0
Immigration & Naturalization Service	6	158	18	56	47	50	40
Office of Justice Programs	1,272	1,638	2,113	646	414	312	60
Office of Legal Policy	0	81	18	170	100	4	2
Department of Labor, total	8,602	6,259	14,908	8,735	33,160	4,306	4,865
Bureau of Apprenticeship & Training	NA	NA	NA	NA	NA	NA	NA
Bureau of Employment Security	NA	NA	NA	NA	NA	NA	NA
Bureau of Labor Statistics	896	722	855	860	251	291	665
Employment Standards Admin	4,371	3,026	3,455	3,900	2,720	1,170	800
Employment & Training Admin	2,176	1,019	7,602	941	28,003	214	546
Labor-Management Relations & Cooperative Programs	NA	NA	NA	NA	NA	NA	NA
Labor-Management Svcs Admin	847	856	1,225	1,312	1,053	715	882
Occupational Safety & Health Administration	141	200	406	607	20	961	426
Office of the Secretary	171	436	1,365	1,115	1,100	900	1,525
Pension & Welfare Benefits Administration	NA	NA	NA	NA	NA	NA	NA
Pension Benefit Guaranty Corp	NA	NA	NA	NA	13	55	21
Wage & Hour Division	0	0	0	0	0	0	0
Post Office Department	NA	NA	NA	NA	NA	NA	NA

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

Table 38. Federal obligations to intramural performers for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1977	1978	1979	1980	1981	1982	1983
Department of State, total	7,079	3,378	892	771	1,015	800	812
Agcy for Internat'l Dvlpmt	6,017	2,990	NA	NA	NA	NA	NA
Bureau of Intelligence & Rsch	0	0	0	0	0	0	0
Departmental Funds	1,062	388	892	771	1,015	0	0
Peace Corps	0	0	0	0	0	0	0
Dept of Transportation, total	16,319	21,790	21,721	28,651	28,618	18,580	17,476
Coast Guard	737	701	3,000	2,800	5,249	896	569
Federal Aviation Admin	1,050	1,519	1,650	1,804	1,804	1,540	2,814
Federal Highway Administration	1,024	1,607	1,210	1,173	1,224	890	500
Federal Motor Carrier Safety Administration ⁷	NA	NA	NA	NA	NA	NA	NA
Federal Railroad Admin	5,140	7,165	5,840	6,085	4,774	2,418	1,564
Federal Transit Administration	600	600	600	2,201	3,132	3,813	3,930
Infrastructure Investment	NA	NA	NA	NA	NA	NA	NA
Maritime Administration	NA	NA	NA	NA	200	700	280
Materials Transportation Bureau	0	0	0	0	0	0	0
National Highway Traffic Safety Administration	6,195	8,667	6,306	11,817	8,767	6,580	6,549
Office of the Secretary	1,573	1,431	215	210	385	143	20
Rsch & Special Programs Admin	0	100	2,900	2,561	3,083	1,600	1,250
Department of the Treasury, total	1,790	3,076	2,117	2,931	2,033	4,455	4,532
Bureau of Alcohol, Tobacco, & Firearms	90	50	60	80	50	NA	NA
Bureau of Engraving & Printing	1,700	1,501	577	1,100	832	1,637	980
Financial Crimes Enforcement Network	0	0	0	0	0	0	0
Internal Revenue Service	0	1,525	1,480	1,651	1,141	2,770	3,520
Office of Thrift Supervision	NA	NA	NA	NA	NA	NA	NA
United States Customs Service	0	0	0	100	10	48	0
United States Mint	0	0	0	0	0	0	0
United States Secret Service	NA	NA	NA	0	0	0	32
Department of Veterans Affairs	80,984	89,537	101,259	103,203	112,500	109,110	129,862
Other agencies:							
ACTION	14	14	0	0	0	0	0
Advisory Commission on Intergovernmental Relations	1,526	1,685	1,696	2,219	2,211	2,033	2,110
Appalachian Regional Commission	108	17	50	50	10	50	15
Atomic Energy Commission	NA	NA	NA	NA	NA	NA	NA
Broadcasting Board of Governors ⁸	NA	NA	NA	NA	NA	NA	NA
Civil Aeronautics Board	0	0	0	NA	NA	NA	NA
Civil Service Commission	691	NA	NA	NA	NA	NA	NA
Community Services Admin	10	20	20	25	40	NA	NA
Consumer Product Safety Comm	2,092	414	882	672	90	56	320
Energy Research & Dvlpmt Admin	NA	NA	NA	NA	NA	NA	NA
Energy Security Trust Fund	NA	NA	0	NA	NA	NA	NA
Environmental Protection Agency ⁴	83,590	111,509	114,990	100,244	101,876	82,849	61,649
Fed Communications Commission	1,691	1,775	1,397	2,196	1,142	1,147	1,270
Federal Emergency Management Agency, total	NA	1,545	1,782	2,376	1,633	3,099	1,183
Def Civil Preparedness Agcy	NA	NA	0	0	0	0	0
National Fire Prevention & Control Administration	NA	1,545	0	0	0	0	0
Federal Energy Administration	NA	NA	NA	NA	NA	NA	NA
Federal Trade Commission	750	904	1,076	1,526	165	179	205
Foundation for Ed Assistance	NA	NA	NA	NA	4,339	NA	NA
General Services Administration	39	37	1	1	239	537	235
International Development Cooperation Agency, total	NA	NA	6,458	5,316	5,172	7,160	10,488
Agcy for Internat'l Dvlpmt	NA	NA	6,458	5,316	5,172	7,160	10,488
Institute for Scientific & Technological Cooperation	0	0	0	0	0	0	0
Interstate Commerce Commission	64	250	150	143	0	0	0
Library of Congress	260	370	500	500	700	712	1,006

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

**Table 38. Federal obligations to intramural performers for applied research, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

Agency and subdivision	1977	1978	1979	1980	1981	1982	1983
Nat'l Aeronautics & Space Admin ⁹	409,857	423,668	440,255	484,759	475,577	501,171	547,461
Nat'l Archives & Records Admin	NA	NA	NA	NA	NA	NA	NA
National Science Foundation	4,111	6,733	6,118	6,963	7,432	6,089	5,113
Nuclear Regulatory Commission	9,358	11,222	9,679	14,096	25,114	20,914	23,358
Office of Economic Opportunity	NA	NA	NA	NA	NA	NA	NA
Office of Emergency Preparedness	NA	NA	NA	NA	NA	NA	NA
Office of Personnel Management	NA	987	1,354	2,211	2,488	0	0
Office of Science & Technology	NA	NA	NA	NA	NA	NA	NA
Off of Telecommunications Policy	NA	NA	NA	NA	NA	NA	NA
Office of Thrift Supervision	1,482	931	863	1,227	949	2,588	2,792
Postal Service	0	0	0	0	0	0	0
Small Business Administration	332	0	0	0	0	0	0
Smithsonian Institution	0	0	0	0	0	0	0
Social Security Administration	NA	NA	NA	NA	NA	NA	NA
Special Action Office for Drug Abuse Prevention	NA	NA	NA	NA	NA	NA	NA
Tennessee Valley Authority	5,883	6,009	8,212	6,000	3,532	5,366	4,800
United States Arms Control & Disarmament Agency ¹⁰	30	434	460	885	150	189	45
United States Commission on Civil Rights	0	0	0	0	0	0	0
United States Information Agency ¹¹	65	93	62	80	187	0	1
United States International Trade Commission ¹²	2,649	3,119	3,417	2,068	3,397	3,764	4,672

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

Table 38. Federal obligations to intramural performers for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1984	1985	1986	1987	1988	1989	1990
Total, all agencies	2,903,604	3,132,704	3,141,466	3,391,518	3,288,117	3,583,548	3,515,218
Departments:							
Department of Agriculture, total	285,484	301,864	305,530	318,941	341,310	331,285	348,133
Agricultural Cooperative Svc	1,601	2,244	2,143	2,430	2,451	2,598	2,498
Agricultural Marketing Service	1,012	997	1,162	1,064	931	1,147	1,497
Agricultural Research Service	171,736	182,010	182,024	194,891	202,506	196,172	202,188
Agricultural Stabilization & Conservation Service	0	0	0	0	0	0	0
Animal & Plant Health							
Inspection Service	0	0	3,730	4,460	5,354	6,788	0
Cooperative State Research, Ed, & Extension Service	4,644	4,663	4,967	3,775	6,540	7,024	6,443
Economic Research Service	37,115	39,199	38,230	37,213	39,366	41,124	42,351
Economics, Statistics, & Cooperative Svc, total	NA	NA	NA	NA	NA	NA	NA
Economic Research Service	NA	NA	NA	NA	NA	NA	NA
Farmer Cooperative Service	NA	NA	NA	NA	NA	NA	NA
Statistical Reporting Svc	NA	NA	NA	NA	NA	NA	NA
Economics & Statistics Service	NA	NA	NA	NA	NA	NA	NA
Food Safety Inspection Service	0	0	0	0	0	0	0
Foreign Agricultural Service	0	0	0	0	0	0	0
Forest Service	60,419	61,654	62,056	66,807	74,344	68,274	84,982
Grain Inspection Packers & Stockyards Administration	0	358	469	440	508	453	104
Human Nutrition Info Svc	3,344	4,268	5,103	5,075	5,716	5,658	5,800
Nat'l Agri Statistics Svc	4,862	5,022	4,924	2,008	2,213	1,668	1,628
Natural Resources Conservation Service	0	0	0	0	0	0	0
Office of International Cooperation & Development	471	1,070	341	425	978	379	642
Office of Transportation	280	379	381	353	403	NA	NA
Rural Business-Cooperative Svc	NA	NA	NA	NA	NA	NA	NA
Rural Development Service	NA	NA	NA	NA	NA	NA	NA
Science & Ed Admin, total	NA	NA	NA	NA	NA	NA	NA
Agricultural Research Svc	NA	NA	NA	NA	NA	NA	NA
Cooperative State Rsch Svc	NA	NA	NA	NA	NA	NA	NA
Nat'l Agricultural Library	NA	NA	NA	NA	NA	NA	NA
Department of Commerce, total	202,622	225,057	233,702	264,197	264,570	273,342	286,972
Bureau of the Census	1,981	2,104	2,116	2,050	2,419	1,819	2,053
Economic Development Admin	400	100	300	248	260	115	764
Env Science Svcs Admin	NA	NA	NA	NA	NA	NA	NA
Maritime Administration	NA	NA	NA	NA	NA	NA	NA
Minority Business Dvlpmt Agcy	0	0	0	0	0	0	0
National Fire Prevention & Control Administration	NA	NA	NA	NA	NA	NA	NA
Nat'l Inst of Standards & Tech	59,936	61,058	61,100	62,333	70,752	72,949	77,892
National Oceanic & Atmospheric Administration	132,580	154,122	162,594	192,521	183,841	191,596	199,485
Nat'l Technical Information Svc	0	0	0	0	0	0	0
National Telecommunications & Information Administration	7,724	7,667	7,592	7,044	7,298	6,863	6,778
Office of Productivity, Technology, & Innovation	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	1	6	0	1	0	0	0
Office of Telecommunications	NA	NA	NA	NA	NA	NA	NA
Patent & Trademark Office	0	0	0	0	0	0	0
United States Travel & Tourism Administration	0	0	0	0	0	0	0

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

**Table 38. Federal obligations to intramural performers for applied research, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

Agency and subdivision	1984	1985	1986	1987	1988	1989	1990
Department of Defense, total	959,989	1,003,900	977,168	1,021,606	908,277	1,067,431	908,929
Defense Agencies, total	217,717	235,001	183,990	143,418	144,145	213,827	153,084
Ballistic Missile Def Org	NA	NA	NA	0	0	0	0
Chemical and Biological Defense ¹	NA	NA	NA	NA	NA	NA	NA
Def Adv Rsch Projects Agcy	NA	NA	NA	30,031	29,517	103,542	34,666
Defense Info Systems Agcy	NA	NA	NA	0	0	0	0
Defense Logistics Agency	NA	NA	NA	0	0	0	0
Def Special Weapons Agcy	NA	NA	NA	113,382	113,783	56	118,418
Def Threat Reduction Agcy	NA	NA	NA	NA	NA	NA	NA
Joint Staff	NA	NA	NA	0	0	0	0
Nat'l Imagery & Mapping Agcy	NA	NA	NA	5	7	0	0
Special Operations Command	NA	NA	NA	0	0	0	0
TRICARE Management Activity ²	NA	NA	NA	NA	NA	NA	NA
Uniformed Services University of the Health Sciences	NA	NA	NA	0	838	1,250	0
Washington Headquarters Services	NA	NA	NA	0	0	108,979	0
Dept of the Air Force, total	162,130	164,737	150,809	156,572	160,316	180,113	158,233
Department of the Army, total	305,975	351,803	338,389	427,755	383,436	423,605	376,919
Department of the Army, Civil Functions	13,383	15,852	15,188	13,157	14,031	16,970	14,839
Department of the Army, Military Functions	292,592	335,951	323,201	414,598	369,405	406,635	362,080
Department of the Navy, total	274,167	252,359	303,980	293,861	220,380	249,886	220,693
Def Civil Preparedness Agcy	NA	NA	NA	NA	NA	NA	NA
Health Affairs, Assistant Secretary of Defense for Operational Test & Evaluation, Director	NA	NA	NA	NA	NA	NA	NA
Test & Evaluation, Deputy Under Secretary of Defense	0	0	0	0	0	0	0

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

Table 38. Federal obligations to intramural performers for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1984	1985	1986	1987	1988	1989	1990
Department of Education	4,399	4,297	5,516	5,731	9,757	12,356	14,905
Department of Energy	85,321	111,821	102,729	110,259	101,871	92,368	114,980
Dept of Health, Education, & Welfare, total	NA	NA	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	NA	NA	NA	NA	NA
Center for Disease Control	NA	NA	NA	NA	NA	NA	NA
Environmental Health Service	NA	NA	NA	NA	NA	NA	NA
Food & Drug Administration	NA	NA	NA	NA	NA	NA	NA
Health Care Financing Admin	NA	NA	NA	NA	NA	NA	NA
Health Resources Admin	NA	NA	NA	NA	NA	NA	NA
Health Services Administration	NA	NA	NA	NA	NA	NA	NA
Hlth Svcs & Mental Health Admin	NA	NA	NA	NA	NA	NA	NA
National Inst of Education	NA	NA	NA	NA	NA	NA	NA
National Institutes of Health	NA	NA	NA	NA	NA	NA	NA
Off of Asst Sec for Education	NA	NA	NA	NA	NA	NA	NA
Off of the Asst Sec for Health	NA	NA	NA	NA	NA	NA	NA
Office of Child Development	NA	NA	NA	NA	NA	NA	NA
Office of Education	NA	NA	NA	NA	NA	NA	NA
Office of Human Dvlpmt Svcs	NA	NA	NA	NA	NA	NA	NA
Office of International Health	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	NA	NA	NA	NA	NA	NA	NA
Social & Rehabilitation Svc	NA	NA	NA	NA	NA	NA	NA
Social Security Administration	NA	NA	NA	NA	NA	NA	NA
Department of Health & Human Services, total	416,083	449,154	476,256	522,731	587,098	552,291	596,317
Admin for Children & Families	NA	NA	NA	NA	NA	NA	NA
Administration on Aging	NA	NA	NA	NA	NA	NA	NA
Agency for Healthcare Research and Quality ³	NA	NA	NA	NA	NA	NA	11,556
Agency for Toxic Substances Disease & Registry ⁴	NA	NA	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	45,268	50,585	51,411	59,645	57,115	76,391	86,114
Centers for Disease Control & Prevention	16,238	35,544	41,964	46,101	60,782	72,236	38,508
Food & Drug Administration	70,286	76,444	74,563	78,940	83,789	91,789	92,070
Health Care Financing Admin	3,109	738	1,372	379	222	975	273
Health Resources Admin	NA	NA	NA	NA	NA	NA	NA
Health Resources & Svcs Admin	1,744	1,218	1,867	1,427	1,603	1,564	1,860
Health Services Administration	NA	NA	NA	NA	NA	NA	NA
Human Development Services	853	1,121	2,063	1,792	615	579	381
National Institutes of Health ⁵	270,003	279,962	299,317	329,982	378,020	304,182	353,817
Off of the Asst Sec for Health	0	0	0	0	0	0	5,844
Office of the Secretary, total	1,432	886	899	1,665	1,352	1,294	1,421
Office of the Asst Secretary, Planning & Evaluation	NA	NA	NA	NA	NA	NA	NA
Off of Public Hlth & Science	NA	NA	NA	NA	NA	NA	NA
Social Security Administration	7,150	2,656	2,800	2,800	3,600	3,281	4,473
Substance Abuse & Mental Health Services Administration ⁶	NA	NA	NA	NA	NA	NA	NA

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

Table 38. Federal obligations to intramural performers for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1984	1985	1986	1987	1988	1989	1990
Dept of Housing & Urban Dvlpmt	4,615	2,767	2,708	3,637	4,988	5,148	6,123
Department of the Interior, total	198,761	205,405	209,398	220,903	233,471	221,365	234,679
Bonneville Power Admin	NA	NA	NA	NA	NA	NA	NA
Bureau of Land Management	1,700	1,600	1,500	1,600	2,000	1,800	2,000
Bureau of Mines	38,140	36,683	35,944	37,471	42,656	39,770	37,360
Bureau of Reclamation	5,863	6,898	5,700	7,670	3,373	3,058	4,933
Federal Water Pollution Control Administration	NA	NA	NA	NA	NA	NA	NA
Geological Survey	113,963	118,383	113,793	119,044	123,540	114,767	121,871
Heritage Conservation & Recreation Service	NA	NA	NA	NA	NA	NA	NA
Minerals Management Service	335	550	415	137	531	1,297	1,014
National Biological Service	NA	NA	NA	NA	NA	NA	NA
National Park Service	9,803	10,716	14,371	14,000	13,800	14,280	14,300
National Resources Library	NA	NA	NA	NA	NA	NA	NA
Office of Coal Research	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	0	0	0	0	5	0	0
Office of Surface Mining Reclamation & Enforcement	410	448	828	117	297	1	1
Office of Water Research & Technology, total	917	NA	NA	NA	NA	NA	NA
Office of Saline Water	NA	NA	NA	NA	NA	NA	NA
Off of Water Resources Rsch	NA	NA	NA	NA	NA	NA	NA
United States Fish & Wildlife Service, total	27,630	30,127	36,847	40,864	47,269	46,392	53,200
Bureau of Commercial Fisheries	NA	NA	NA	NA	NA	NA	NA
Bureau of Sport Fisheries & Wildlife	NA	NA	NA	NA	NA	NA	NA
Department of Justice, total	1,370	1,135	1,562	2,520	1,716	1,948	2,074
Bureau of Prisons	490	490	1,090	1,150	1,210	1,678	1,625
Drug Enforcement Admin	200	300	300	200	200	200	21
Fed Bureau of Investigation	0	0	0	0	0	0	0
Immigration & Naturalization Service	30	20	20	20	40	40	40
Office of Justice Programs	650	25	10	1,050	266	30	388
Office of Legal Policy	0	300	142	100	0	0	0
Department of Labor, total	4,431	3,366	2,830	11,762	8,560	4,856	6,283
Bureau of Apprenticeship & Training	NA	NA	NA	NA	NA	NA	NA
Bureau of Employment Security	NA	NA	NA	NA	NA	NA	NA
Bureau of Labor Statistics	547	621	634	6,522	2,599	1,200	2,500
Employment Standards Admin	840	2	0	300	60	118	53
Employment & Training Admin	108	157	253	2,660	580	700	400
Labor-Management Relations & Cooperative Programs	18	16	10	10	10	10	NA
Labor-Management Svcs Admin	NA	NA	NA	NA	NA	NA	NA
Occupational Safety & Health Administration	400	400	400	400	400	315	378
Office of the Secretary	1,900	1,533	1,248	1,557	4,161	1,839	2,147
Pension & Welfare Benefits Administration	588	617	275	283	720	374	505
Pension Benefit Guaranty Corp	30	20	10	30	30	300	300
Wage & Hour Division	0	0	0	0	0	0	0
Post Office Department	NA	NA	NA	NA	NA	NA	NA

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

Table 38. Federal obligations to intramural performers for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1984	1985	1986	1987	1988	1989	1990
Department of State, total	925	1,166	1,140	30	46	264	164
Agy for Internat'l Dvlpmt	NA	NA	NA	NA	NA	NA	NA
Bureau of Intelligence & Rsch	0	0	0	0	0	0	0
Departmental Funds	0	0	0	0	0	0	0
Peace Corps	0	0	0	0	0	0	0
Dept of Transportation, total	42,668	24,910	23,523	23,155	26,318	43,738	35,104
Coast Guard	5,840	3,540	2,282	2,564	3,772	2,722	3,442
Federal Aviation Admin	6,141	5,931	4,991	3,803	9,361	21,780	15,929
Federal Highway Administration	300	200	737	1,914	40	2,174	1,312
Federal Motor Carrier Safety Administration ⁷	NA	NA	NA	NA	NA	NA	NA
Federal Railroad Admin	9,814	4,323	5,636	3,995	3,247	3,819	4,991
Federal Transit Administration	300	120	0	0	0	0	0
Infrastructure Investment	NA	NA	NA	NA	NA	NA	NA
Maritime Administration	1,103	1,216	948	871	39	0	278
Materials Transportation Bureau	0	0	0	0	0	0	0
National Highway Traffic Safety Administration	17,820	8,812	8,317	9,383	8,879	12,123	7,248
Office of the Secretary	200	268	362	400	580	420	188
Rsch & Special Programs Admin	1,150	500	250	225	400	700	1,716
Department of the Treasury, total	4,703	9,283	8,452	7,773	7,427	8,999	9,951
Bureau of Alcohol, Tobacco, & Firearms	NA	NA	NA	NA	NA	NA	NA
Bureau of Engraving & Printing	1,010	1,892	1,733	1,034	846	731	1,137
Financial Crimes Enforcement Network	0	0	0	0	0	0	0
Internal Revenue Service	3,668	7,361	6,656	6,707	6,495	8,082	8,478
Office of Thrift Supervision	NA	NA	NA	NA	NA	NA	0
United States Customs Service	10	13	10	10	50	60	100
United States Mint	0	0	0	0	0	0	0
United States Secret Service	15	17	53	22	36	126	236
Department of Veterans Affairs	155,238	192,670	153,792	171,876	177,500	195,735	198,600
Other agencies:							
ACTION	0	0	0	0	0	0	0
Advisory Commission on Intergovernmental Relations	2,088	2,375	2,051	1,893	1,769	1,130	1,513
Appalachian Regional Commission	50	50	8	10	10	767	9
Atomic Energy Commission	NA	NA	NA	NA	NA	NA	NA
Broadcasting Board of Governors ⁸	NA	NA	NA	NA	NA	NA	NA
Civil Aeronautics Board	NA	NA	NA	NA	NA	NA	NA
Civil Service Commission	NA	NA	NA	NA	NA	NA	NA
Community Services Admin	NA	NA	NA	NA	NA	NA	NA
Consumer Product Safety Comm	1,076	1,344	1,073	410	146	281	365
Energy Research & Dvlpmt Admin	NA	NA	NA	NA	NA	NA	NA
Energy Security Trust Fund	NA	NA	NA	NA	NA	NA	NA
Environmental Protection Agency ⁴	60,876	64,117	60,559	55,151	65,254	84,396	89,255
Fed Communications Commission	895	1,085	861	985	1,224	1,101	1,329
Federal Emergency Management Agency, total	800	373	0	0	0	0	0
Def Civil Preparedness Agy	0	0	0	0	0	0	0
National Fire Prevention & Control Administration	0	0	0	0	0	0	0
Federal Energy Administration	NA	NA	NA	NA	NA	NA	NA
Federal Trade Commission	234	260	274	520	428	379	459
Foundation for Ed Assistance	NA	NA	NA	NA	NA	NA	NA
General Services Administration	326	335	641	1,452	2,240	540	665
International Development Cooperation Agency, total	3,662	2,447	1,213	1,229	1,605	6,214	18,940
Agy for Internat'l Dvlpmt	3,662	2,447	1,213	1,229	1,605	6,214	18,940
Institute for Scientific & Technological Cooperation	0	0	0	0	0	0	0
Interstate Commerce Commission	0	0	0	0	0	0	0
Library of Congress	1,469	1,469	1,145	1,122	1,181	1,200	1,166

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

**Table 38. Federal obligations to intramural performers for applied research, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

Agency and subdivision	1984	1985	1986	1987	1988	1989	1990
Nat'l Aeronautics & Space Admin ⁹	422,781	482,271	528,314	590,660	487,057	621,095	585,278
Nat'l Archives & Records Admin	NA	67	0	261	125	100	80
National Science Foundation	5,477	4,974	4,099	4,851	7,909	8,818	647
Nuclear Regulatory Commission	22,909	19,810	18,902	25,910	22,336	22,915	24,506
Office of Economic Opportunity	NA	NA	NA	NA	NA	NA	NA
Office of Emergency Preparedness	NA	NA	NA	NA	NA	NA	NA
Office of Personnel Management	0	0	0	0	0	0	0
Office of Science & Technology	NA	NA	NA	NA	NA	NA	NA
Off of Telecommunications Policy	NA	NA	NA	NA	NA	NA	NA
Office of Thrift Supervision	2,516	2,778	3,281	3,364	3,286	3,856	4,126
Postal Service	0	0	0	0	0	0	0
Small Business Administration	0	0	0	0	0	0	0
Smithsonian Institution	0	0	0	0	0	0	0
Social Security Administration	NA	NA	NA	NA	NA	NA	NA
Special Action Office for Drug Abuse Prevention	NA	NA	NA	NA	NA	NA	NA
Tennessee Valley Authority	6,658	6,365	7,712	11,361	12,555	10,757	14,131
United States Arms Control & Disarmament Agency ¹⁰	138	27	40	5	5	202	20
United States Commission on Civil Rights	0	0	0	0	0	0	0
United States Information Agency ¹¹	25	6	71	0	1	0	450
United States International Trade Commission ¹²	5,015	5,756	6,916	7,213	8,077	8,671	9,065

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

Table 38. Federal obligations to intramural performers for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1991	1992	1993	1994	1995	1996	1997
Total, all agencies	4,062,760	4,185,665	4,789,994	4,983,324	4,991,007	4,836,495	4,978,575
Departments:							
Department of Agriculture, total	392,834	412,476	388,626	462,332	450,066	437,604	438,885
Agricultural Cooperative Svc	2,812	3,110	2,605	3,462	NA	NA	NA
Agricultural Marketing Service	2,131	3,974	3,915	3,958	3,699	3,780	3,990
Agricultural Research Service	229,525	244,042	221,748	245,016	246,576	242,644	246,500
Agricultural Stabilization & Conservation Service	0	0	0	0	NA	NA	NA
Animal & Plant Health							
Inspection Service	0	0	0	0	0	0	0
Cooperative State Research, Ed, & Extension Service	9,233	10,963	11,965	13,233	10,765	8,704	12,450
Economic Research Service	45,246	48,723	46,804	43,233	45,579	44,937	46,369
Economics, Statistics, & Cooperative Svc, total	NA	NA	NA	NA	NA	NA	NA
Economic Research Service	NA	NA	NA	NA	NA	NA	NA
Farmer Cooperative Service	NA	NA	NA	NA	NA	NA	NA
Statistical Reporting Svc	NA	NA	NA	NA	NA	NA	NA
Economics & Statistics Service	NA	NA	NA	NA	NA	NA	NA
Food Safety Inspection Service	0	0	0	0	0	0	0
Foreign Agricultural Service	0	0	0	163	118	214	218
Forest Service	92,244	89,567	89,942	142,665	138,954	133,055	125,568
Grain Inspection Packers & Stockyards Administration	377	1,178	1,773	1,791	297	507	550
Human Nutrition Info Svc	9,341	8,552	7,281	3,923	NA	NA	NA
Nat'l Agri Statistics Svc	1,912	2,270	2,327	2,476	2,522	2,412	2,072
Natural Resources Conservation Service	0	0	0	0	0	0	0
Office of International Cooperation & Development	13	97	266	0	NA	NA	NA
Office of Transportation	NA	NA	NA	NA	NA	NA	NA
Rural Business-Cooperative Svc	NA	NA	NA	2,412	1,556	1,351	1,168
Rural Development Service	NA	NA	NA	NA	NA	NA	NA
Science & Ed Admin, total	NA	NA	NA	NA	NA	NA	NA
Agricultural Research Svc	NA	NA	NA	NA	NA	NA	NA
Cooperative State Rsch Svc	NA	NA	NA	NA	NA	NA	NA
Nat'l Agricultural Library	NA	NA	NA	NA	NA	NA	NA
Department of Commerce, total	342,788	450,217	429,148	505,225	558,301	576,536	568,526
Bureau of the Census	2,317	2,437	2,948	2,533	2,618	1,600	2,352
Economic Development Admin	762	196	0	48	10	50	50
Env Science Svcs Admin	NA	NA	NA	NA	NA	NA	NA
Maritime Administration	NA	NA	NA	NA	NA	NA	NA
Minority Business Dvlpmt Agcy	0	0	0	0	0	0	0
National Fire Prevention & Control Administration	NA	NA	NA	NA	NA	NA	NA
Nat'l Inst of Standards & Tech	84,064	92,307	108,016	129,885	154,672	163,902	171,086
National Oceanic & Atmospheric Administration	252,070	351,316	314,017	367,922	394,617	406,325	391,197
Nat'l Technical Information Svc	0	0	0	0	0	0	0
National Telecommunications & Information Administration	3,575	3,961	4,167	4,837	6,383	4,658	3,841
Office of Productivity, Technology, & Innovation	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	0	0	0	0	1	1	0
Office of Telecommunications	NA	NA	NA	NA	NA	NA	NA
Patent & Trademark Office	0	0	0	0	0	0	0
United States Travel & Tourism Administration	0	0	0	0	0	0	0

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

**Table 38. Federal obligations to intramural performers for applied research, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

Agency and subdivision	1991	1992	1993	1994	1995	1996	1997
Department of Defense, total	1,105,190	1,207,570	1,326,077	1,243,909	1,170,956	1,032,765	1,065,041
Defense Agencies, total	142,026	199,699	263,133	242,907	154,424	157,245	135,042
Ballistic Missile Def Org	0	0	22,260	18,132	14,980	13,681	13,995
Chemical and Biological Defense ¹	NA	NA	NA	NA	NA	NA	NA
Def Adv Rsch Projects Agcy	33,104	59,131	42,715	47,509	54,191	55,042	48,649
Defense Info Systems Agcy	0	0	0	1,940	1,717	1,648	1,871
Defense Logistics Agency	0	0	0	8,897	7,062	7,950	7,041
Def Special Weapons Agcy	108,921	117,409	128,575	45,674	47,118	52,600	43,551
Def Threat Reduction Agcy	NA	NA	NA	NA	NA	NA	NA
Joint Staff	0	0	0	0	0	0	0
Nat'l Imagery & Mapping Agcy	0	0	0	0	0	0	0
Special Operations Command	0	16,187	39,434	17,586	22,883	14,658	5,030
TRICARE Management Activity ²	NA	NA	NA	NA	NA	NA	NA
Uniformed Services University of the Health Sciences	0	0	0	0	NA	NA	NA
Washington Headquarters Services	1	6,972	30,149	103,169	6,473	11,666	14,905
Dept of the Air Force, total	238,908	253,775	256,324	333,921	359,088	351,832	352,825
Department of the Army, total	442,398	479,990	496,376	448,148	415,590	286,988	329,510
Department of the Army, Civil Functions	17,983	24,800	21,289	22,230	24,881	11,030	11,629
Department of the Army, Military Functions	424,415	455,190	475,087	425,918	390,709	275,958	317,881
Department of the Navy, total	281,858	274,106	310,244	218,933	241,854	236,700	247,664
Def Civil Preparedness Agcy	NA	NA	NA	NA	NA	NA	NA
Health Affairs, Assistant Secretary of Defense for Operational Test & Evaluation, Director	0	NA	NA	NA	NA	NA	NA
Test & Evaluation, Deputy Under Secretary of Defense	0	0	0	0	0	0	0
Test & Evaluation, Deputy Under Secretary of Defense	0	0	0	0	0	0	0

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

Table 38. Federal obligations to intramural performers for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1991	1992	1993	1994	1995	1996	1997
Department of Education	7,666	7,923	7,300	6,832	6,947	6,436	6,666
Department of Energy	149,573	100,448	166,955	173,261	193,835	168,297	123,398
Dept of Health, Education, & Welfare, total	NA	NA	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	NA	NA	NA	NA	NA
Center for Disease Control	NA	NA	NA	NA	NA	NA	NA
Environmental Health Service	NA	NA	NA	NA	NA	NA	NA
Food & Drug Administration	NA	NA	NA	NA	NA	NA	NA
Health Care Financing Admin	NA	NA	NA	NA	NA	NA	NA
Health Resources Admin	NA	NA	NA	NA	NA	NA	NA
Health Services Administration	NA	NA	NA	NA	NA	NA	NA
Hlth Svcs & Mental Health Admin	NA	NA	NA	NA	NA	NA	NA
National Inst of Education	NA	NA	NA	NA	NA	NA	NA
National Institutes of Health	NA	NA	NA	NA	NA	NA	NA
Off of Asst Sec for Education	NA	NA	NA	NA	NA	NA	NA
Off of the Asst Sec for Health	NA	NA	NA	NA	NA	NA	NA
Office of Child Development	NA	NA	NA	NA	NA	NA	NA
Office of Education	NA	NA	NA	NA	NA	NA	NA
Office of Human Dvlpmt Svcs	NA	NA	NA	NA	NA	NA	NA
Office of International Health	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	NA	NA	NA	NA	NA	NA	NA
Social & Rehabilitation Svc	NA	NA	NA	NA	NA	NA	NA
Social Security Administration	NA	NA	NA	NA	NA	NA	NA
Department of Health & Human Services, total	663,623	682,032	888,373	950,505	1,040,571	1,084,867	1,171,569
Admin for Children & Families	381	1,114	398	209	224	872	1,251
Administration on Aging	104	156	153	171	171	171	85
Agency for Healthcare Research and Quality ³	19,601	17,725	20,762	27,466	15,290	24,382	35,005
Agency for Toxic Substances Disease & Registry ⁴	NA	NA	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	89,479	NA	NA	NA	NA	NA	NA
Centers for Disease Control & Prevention	55,542	74,659	100,742	159,142	275,498	240,847	236,970
Food & Drug Administration	85,340	121,893	140,880	153,536	153,932	151,879	138,509
Health Care Financing Admin	229	101	1,342	875	64	50	64
Health Resources Admin	NA	NA	NA	NA	NA	NA	NA
Health Resources & Svcs Admin	2,439	1,666	1,852	1,943	1,472	1,490	1,561
Health Services Administration	NA	NA	NA	NA	NA	NA	NA
Human Development Services	NA	NA	NA	NA	NA	NA	NA
National Institutes of Health ⁵	393,686	437,282	603,038	586,820	579,559	661,225	744,417
Off of the Asst Sec for Health	9,614	5,971	0	0	0	NA	NA
Office of the Secretary, total	1,333	870	2,144	5,665	3,750	3,951	13,707
Office of the Asst Secretary, Planning & Evaluation	NA	NA	NA	NA	NA	3,951	13,707
Off of Public Hlth & Science	NA	NA	NA	NA	NA	0	0
Social Security Administration	5,875	20,595	17,062	14,678	10,611	NA	NA
Substance Abuse & Mental Health Services Administration ⁶	NA	NA	NA	NA	NA	0	0

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

**Table 38. Federal obligations to intramural performers for applied research, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

Agency and subdivision	1991	1992	1993	1994	1995	1996	1997
Dept of Housing & Urban Dvlpmt	6,544	6,641	6,898	8,089	7,401	8,749	5,576
Department of the Interior, total	275,336	292,769	297,708	500,412	423,487	423,987	441,220
Bonneville Power Admin	NA	NA	NA	NA	NA	NA	NA
Bureau of Land Management	2,438	3,403	4,714	0	0	0	0
Bureau of Mines	39,513	46,375	50,246	57,134	0	NA	NA
Bureau of Reclamation	7,700	10,160	6,500	5,060	5,082	3,903	4,251
Federal Water Pollution Control Administration	NA	NA	NA	NA	NA	NA	NA
Geological Survey	145,445	151,731	153,039	290,431	284,367	405,279	416,506
Heritage Conservation & Recreation Service	NA	NA	NA	NA	NA	NA	NA
Minerals Management Service	1,279	1,698	2,260	6,598	5,943	5,259	6,306
National Biological Service	NA	NA	0	128,350	119,296	NA	NA
National Park Service	18,300	19,000	20,665	12,839	8,799	9,546	14,157
National Resources Library	NA	NA	NA	NA	NA	NA	NA
Office of Coal Research	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	15	50	50	0	0	0	0
Office of Surface Mining Reclamation & Enforcement	1	1	1	0	0	0	0
Office of Water Research & Technology, total	NA	NA	NA	NA	NA	NA	NA
Office of Saline Water	NA	NA	NA	NA	NA	NA	NA
Off of Water Resources Rsch	NA	NA	NA	NA	NA	NA	NA
United States Fish & Wildlife Service, total	60,645	60,351	60,233	0	0	0	0
Bureau of Commercial Fisheries	NA	NA	NA	NA	NA	NA	NA
Bureau of Sport Fisheries & Wildlife	NA	NA	NA	NA	NA	NA	NA
Department of Justice, total	1,783	2,222	2,040	2,287	2,923	3,048	4,396
Bureau of Prisons	1,400	1,975	1,960	1,750	2,068	1,850	1,900
Drug Enforcement Admin	100	100	15	72	0	45	1
Fed Bureau of Investigation	0	0	0	0	0	0	0
Immigration & Naturalization Service	40	40	40	40	40	40	40
Office of Justice Programs	243	107	25	425	815	1,113	2,455
Office of Legal Policy	0	0	0	0	0	0	0
Department of Labor, total	8,869	12,384	6,001	6,467	6,712	6,083	4,594
Bureau of Apprenticeship & Training	NA	NA	NA	NA	NA	NA	NA
Bureau of Employment Security	NA	NA	NA	NA	NA	NA	NA
Bureau of Labor Statistics	2,500	7,600	1,500	1,500	1,500	1,800	1,300
Employment Standards Admin	0	0	0	0	0	0	0
Employment & Training Admin	2,800	1,178	594	900	1,144	1,052	805
Labor-Management Relations & Cooperative Programs	NA	NA	NA	NA	NA	NA	NA
Labor-Management Svcs Admin	NA	NA	NA	NA	NA	NA	NA
Occupational Safety & Health Administration	392	1,145	1,166	1,182	1,286	1,298	1,567
Office of the Secretary	2,282	1,661	1,800	2,092	1,942	1,026	25
Pension & Welfare Benefits Administration	540	650	710	742	788	854	843
Pension Benefit Guaranty Corp	355	150	231	51	52	53	54
Wage & Hour Division	0	0	0	0	0	0	0
Post Office Department	NA	NA	NA	NA	NA	NA	NA

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

Table 38. Federal obligations to intramural performers for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1991	1992	1993	1994	1995	1996	1997
Department of State, total	256	288	349	264	335	253	313
Agy for Internat'l Dvlpmt	NA	NA	NA	NA	NA	NA	NA
Bureau of Intelligence & Rsch	0	0	0	0	0	0	0
Departmental Funds	0	0	0	0	0	0	0
Peace Corps	0	0	0	0	0	0	0
Dept of Transportation, total	41,292	52,228	60,356	85,628	133,863	103,197	132,334
Coast Guard	4,385	3,418	5,579	3,769	3,360	3,410	3,908
Federal Aviation Admin	16,561	14,046	21,764	41,823	42,444	48,133	63,757
Federal Highway Administration	1,257	10,706	6,662	12,626	50,744	21,108	27,016
Federal Motor Carrier Safety Administration ⁷	NA	NA	NA	NA	NA	NA	NA
Federal Railroad Admin	6,706	9,613	8,563	10,494	12,702	10,013	10,059
Federal Transit Administration	0	0	1	2,195	1,002	1,420	909
Infrastructure Investment	NA	NA	NA	0	NA	NA	NA
Maritime Administration	993	1,086	951	813	723	0	0
Materials Transportation Bureau	0	0	0	0	0	0	0
National Highway Traffic Safety Administration	10,022	12,227	16,581	12,892	20,865	16,295	23,373
Office of the Secretary	82	123	137	155	90	0	0
Rsch & Special Programs Admin	1,286	1,009	118	861	1,933	2,818	3,312
Department of the Treasury, total	15,125	12,144	4,149	7,254	29,215	32,197	33,738
Bureau of Alcohol, Tobacco, & Firearms	NA	NA	NA	NA	NA	NA	NA
Bureau of Engraving & Printing	2,490	1,681	3,100	1,440	1,099	1,393	1,476
Financial Crimes Enforcement Network	0	0	0	0	0	0	0
Internal Revenue Service	9,319	9,319	0	4,992	27,285	29,962	31,279
Office of Thrift Supervision	2,990	815	738	481	550	537	638
United States Customs Service	150	100	75	90	40	55	50
United States Mint	0	0	0	0	0	0	0
United States Secret Service	176	229	236	251	241	250	295
Department of Veterans Affairs	176,900	184,459	193,109	208,156	205,416	222,010	217,406
Other agencies:							
ACTION	0	0	0	0	0	0	0
Advisory Commission on Intergovernmental Relations	1,663	1,730	2,098	1,355	1,413	NA	NA
Appalachian Regional Commission	100	35	370	100	100	100	100
Atomic Energy Commission	NA	NA	NA	NA	NA	NA	NA
Broadcasting Board of Governors ⁸	NA	NA	NA	NA	NA	NA	NA
Civil Aeronautics Board	NA	NA	NA	NA	NA	NA	NA
Civil Service Commission	NA	NA	NA	NA	NA	NA	NA
Community Services Admin	NA	NA	NA	NA	NA	NA	NA
Consumer Product Safety Comm	869	760	775	65	0	0	60
Energy Research & Dvlpmt Admin	NA	NA	NA	NA	NA	NA	NA
Energy Security Trust Fund	NA	NA	NA	NA	NA	NA	NA
Environmental Protection Agency ⁴	123,097	65,237	60,999	61,938	134,954	167,853	187,162
Fed Communications Commission	1,442	1,648	1,625	1,683	2,268	2,801	3,099
Federal Emergency Management Agency, total	0	0	0	0	0	0	0
Def Civil Preparedness Agcy	0	0	0	0	0	0	0
National Fire Prevention & Control Administration	0	0	0	0	0	0	0
Federal Energy Administration	NA	NA	NA	NA	NA	NA	NA
Federal Trade Commission	957	1,285	877	705	564	505	696
Foundation for Ed Assistance	NA	NA	NA	NA	NA	NA	NA
General Services Administration	0	0	0	0	0	0	0
International Development Cooperation Agency, total	10,743	10,285	173,116	44,985	56,781	30,000	19,745
Agy for Internat'l Dvlpmt	10,743	10,285	173,116	44,985	56,781	30,000	19,745
Institute for Scientific & Technological Cooperation	0	0	0	0	0	0	0
Interstate Commerce Commission	0	0	0	0	0	0	0
Library of Congress	1,331	1,418	1,438	1,466	1,594	1,647	462

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

**Table 38. Federal obligations to intramural performers for applied research, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

Agency and subdivision	1991	1992	1993	1994	1995	1996	1997
Nat'l Aeronautics & Space Admin ⁹	689,997	624,747	718,691	669,163	516,974	503,024	522,530
Nat'l Archives & Records Admin	155	110	140	130	120	120	120
National Science Foundation	688	608	576	417	677	950	386
Nuclear Regulatory Commission	19,919	22,225	23,304	13,160	15,463	14,165	15,238
Office of Economic Opportunity	NA	NA	NA	NA	NA	NA	NA
Office of Emergency Preparedness	NA	NA	NA	NA	NA	NA	NA
Office of Personnel Management	0	0	0	0	0	0	0
Office of Science & Technology	NA	NA	NA	NA	NA	NA	NA
Off of Telecommunications Policy	NA	NA	NA	NA	NA	NA	NA
Office of Thrift Supervision	NA	NA	NA	NA	NA	NA	NA
Postal Service	0	0	0	0	0	0	0
Small Business Administration	0	0	0	0	0	0	0
Smithsonian Institution	0	0	0	0	0	0	0
Social Security Administration	NA	NA	NA	NA	NA	1,852	4,974
Special Action Office for Drug Abuse Prevention	NA	NA	NA	NA	NA	NA	NA
Tennessee Valley Authority	13,935	19,206	15,140	17,040	17,380	3,913	3,987
United States Arms Control & Disarmament Agency ¹⁰	100	290	479	573	250	199	525
United States Commission on Civil Rights	0	0	0	0	0	0	0
United States Information Agency ¹¹	100	0	1,125	559	289	149	152
United States International Trade Commission ¹²	9,885	12,280	12,152	9,364	12,152	3,188	5,677

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

Table 38. Federal obligations to intramural performers for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1998	1999	2000	Preliminary	
				2001	2002
Total, all agencies	5,050,609	5,430,649	5,827,774	6,479,420	6,430,268
Departments:					
Department of Agriculture, total	475,681	441,013	471,851	513,074	517,617
Agricultural Cooperative Svc	NA	NA	NA	NA	NA
Agricultural Marketing Service	3,714	3,704	3,888	4,401	4,401
Agricultural Research Service	271,314	296,978	305,758	339,702	341,152
Agricultural Stabilization & Conservation Service	NA	NA	NA	NA	NA
Animal & Plant Health					
Inspection Service	0	0	0	0	0
Cooperative State Research, Ed, & Extension Service	11,347	18,784	21,353	27,103	21,428
Economic Research Service	55,922	46,368	48,628	50,204	53,380
Economics, Statistics, & Cooperative Svc, total	NA	NA	NA	NA	NA
Economic Research Service	NA	NA	NA	NA	NA
Farmer Cooperative Service	NA	NA	NA	NA	NA
Statistical Reporting Svc	NA	NA	NA	NA	NA
Economics & Statistics Service	NA	NA	NA	NA	NA
Food Safety Inspection Service	0	125	1,625	0	0
Foreign Agricultural Service	250	202	223	223	223
Forest Service	129,354	71,268	85,781	86,231	91,631
Grain Inspection Packers & Stockyards Administration	549	0	720	1,096	1,203
Human Nutrition Info Svc	NA	NA	NA	NA	NA
Nat'l Agri Statistics Svc	2,015	2,164	2,375	2,544	2,599
Natural Resources Conservation Service	0	0	0	0	0
Office of International Cooperation & Development	NA	NA	NA	NA	NA
Office of Transportation	NA	NA	NA	NA	NA
Rural Business-Cooperative Svc	1,216	1,420	1,500	1,570	1,600
Rural Development Service	NA	NA	NA	NA	NA
Science & Ed Admin, total	NA	NA	NA	NA	NA
Agricultural Research Svc	NA	NA	NA	NA	NA
Cooperative State Rsch Svc	NA	NA	NA	NA	NA
Nat'l Agricultural Library	NA	NA	NA	NA	NA
Department of Commerce, total	590,016	622,498	666,255	777,855	821,718
Bureau of the Census	4,616	3,835	2,519	71	0
Economic Development Admin	50	50	50	50	50
Env Science Svcs Admin	NA	NA	NA	NA	NA
Maritime Administration	NA	NA	NA	NA	NA
Minority Business Dvlpmt Agcy	0	0	0	0	0
National Fire Prevention & Control Administration	NA	NA	NA	NA	NA
Nat'l Inst of Standards & Tech	175,284	179,008	178,595	191,970	202,083
National Oceanic & Atmospheric Administration	406,300	435,796	481,061	581,532	615,585
Nat'l Technical Information Svc	0	0	0	0	0
National Telecommunications & Information Administration	3,766	3,809	4,030	4,232	4,000
Office of Productivity, Technology, & Innovation	NA	NA	NA	NA	NA
Office of the Secretary	0	0	0	0	0
Office of Telecommunications	NA	NA	NA	NA	NA
Patent & Trademark Office	0	0	0	0	0
United States Travel & Tourism Administration	0	0	0	0	0

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

Table 38. Federal obligations to intramural performers for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

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Agency and subdivision	1998	1999	2000	Preliminary	
				2001	2002
Department of Defense, total	1,102,058	1,141,891	1,356,866	1,440,880	1,265,442
Defense Agencies, total	208,110	224,238	257,747	212,067	221,379
Ballistic Missile Def Org	24,783	28,051	19,168	15,102	7,292
Chemical and Biological					
Defense ¹	NA	NA	56,466	57,232	66,793
Def Adv Rsch Projects Agcy	61,854	73,433	67,774	68,074	89,123
Defense Info Systems Agcy	1,094	709	57	51	0
Defense Logistics Agency	7,171	5,400	6,174	7,697	8,834
Def Special Weapons Agcy	NA	NA	NA	NA	NA
Def Threat Reduction Agcy	61,136	49,913	91,001	44,780	21,141
Joint Staff	0	0	0	0	0
Nat'l Imagery & Mapping Agcy	0	0	0	0	0
Special Operations Command	4,755	5,560	6,067	6,353	5,964
TRICARE Management Activity ² ..	NA	NA	0	0	0
Uniformed Services University					
of the Health Sciences	NA	NA	NA	NA	NA
Washington Headquarters					
Services	47,317	61,172	11,040	12,778	22,232
Dept of the Air Force, total	308,887	290,132	413,313	430,005	399,887
Department of the Army, total	371,159	404,342	433,581	512,801	406,433
Department of the Army, Civil					
Functions	18,714	21,406	23,959	23,346	23,848
Department of the Army,					
Military Functions	352,445	382,936	409,622	489,455	382,585
Department of the Navy, total	213,902	223,179	252,225	286,007	237,743
Def Civil Preparedness Agcy	NA	NA	NA	NA	NA
Health Affairs, Assistant					
Secretary of Defense for	NA	NA	NA	NA	NA
Operational Test & Evaluation,					
Director	0	0	0	0	0
Test & Evaluation, Deputy Under					
Secretary of Defense	0	0	0	0	0

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

Table 38. Federal obligations to intramural performers for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1998	1999	2000	Preliminary	
				2001	2002
Department of Education	6,851	7,632	6,403	6,864	6,993
Department of Energy	136,110	256,393	167,393	216,109	228,383
Dept of Health, Education, & Welfare, total	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	NA	NA	NA
Center for Disease Control	NA	NA	NA	NA	NA
Environmental Health Service	NA	NA	NA	NA	NA
Food & Drug Administration	NA	NA	NA	NA	NA
Health Care Financing Admin	NA	NA	NA	NA	NA
Health Resources Admin	NA	NA	NA	NA	NA
Health Services Administration	NA	NA	NA	NA	NA
Hlth Svcs & Mental Health Admin	NA	NA	NA	NA	NA
National Inst of Education	NA	NA	NA	NA	NA
National Institutes of Health	NA	NA	NA	NA	NA
Off of Asst Sec for Education	NA	NA	NA	NA	NA
Off of the Asst Sec for Health	NA	NA	NA	NA	NA
Office of Child Development	NA	NA	NA	NA	NA
Office of Education	NA	NA	NA	NA	NA
Office of Human Dvlpmt Svcs	NA	NA	NA	NA	NA
Office of International Health	NA	NA	NA	NA	NA
Office of the Secretary	NA	NA	NA	NA	NA
Social & Rehabilitation Svc	NA	NA	NA	NA	NA
Social Security Administration	NA	NA	NA	NA	NA
Department of Health & Human Services, total	1,174,521	1,269,860	1,593,881	1,810,452	1,996,012
Admin for Children & Families	948	1,708	1,876	1,916	1,956
Administration on Aging	185	185	69	91	0
Agency for Healthcare Research and Quality ³	28,467	45,844	38,534	53,258	60,452
Agency for Toxic Substances Disease & Registry ⁴	NA	NA	2,770	2,867	3,010
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	NA	NA	NA
Centers for Disease Control & Prevention	239,825	294,259	280,159	328,077	331,092
Food & Drug Administration	118,796	108,321	112,222	117,713	123,219
Health Care Financing Admin	353	38	303	23	23
Health Resources Admin	NA	NA	NA	NA	NA
Health Resources & Svcs Admin	1,910	1,597	5,402	8,424	2,737
Health Services Administration	NA	NA	NA	NA	NA
Human Development Services	NA	NA	NA	NA	NA
National Institutes of Health ⁵	779,499	816,408	1,151,210	1,296,723	1,472,139
Off of the Asst Sec for Health	NA	NA	NA	NA	NA
Office of the Secretary, total	4,538	1,500	1,336	1,360	1,384
Office of the Asst Secretary, Planning & Evaluation	4,538	1,500	1,336	1,360	1,384
Off of Public Hlth & Science	0	0	0	0	0
Social Security Administration	NA	NA	NA	NA	NA
Substance Abuse & Mental Health Services Administration ⁶	0	0	0	0	0

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

Table 38. Federal obligations to intramural performers for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1998	1999	2000	Preliminary	
				2001	2002
Dept of Housing & Urban Dvlpmt	6,263	11,288	9,550	11,675	9,483
Department of the Interior, total	390,879	486,784	431,386	455,771	416,771
Bonneville Power Admin	NA	NA	NA	NA	NA
Bureau of Land Management	0	0	0	0	0
Bureau of Mines	NA	NA	NA	NA	NA
Bureau of Reclamation	5,557	6,100	6,203	6,405	5,298
Federal Water Pollution Control Administration	NA	NA	NA	NA	NA
Geological Survey	362,117	461,357	396,805	422,093	385,432
Heritage Conservation & Recreation Service	NA	NA	NA	NA	NA
Minerals Management Service	6,614	7,023	7,089	10,033	8,677
National Biological Service	NA	NA	NA	NA	NA
National Park Service	16,591	12,304	21,289	17,240	17,364
National Resources Library	NA	NA	NA	NA	NA
Office of Coal Research	NA	NA	NA	NA	NA
Office of the Secretary	0	0	0	0	0
Office of Surface Mining Reclamation & Enforcement	0	0	0	0	0
Office of Water Research & Technology, total	NA	NA	NA	NA	NA
Office of Saline Water	NA	NA	NA	NA	NA
Off of Water Resources Rsch	NA	NA	NA	NA	NA
United States Fish & Wildlife Service, total	0	0	0	0	0
Bureau of Commercial Fisheries	NA	NA	NA	NA	NA
Bureau of Sport Fisheries & Wildlife	NA	NA	NA	NA	NA
Department of Justice, total	3,116	4,650	3,025	3,125	2,975
Bureau of Prisons	2,500	2,500	2,500	2,600	2,700
Drug Enforcement Admin	0	0	0	0	0
Fed Bureau of Investigation	0	0	0	0	0
Immigration & Naturalization Service	0	0	0	0	0
Office of Justice Programs	616	2,150	525	525	275
Office of Legal Policy	0	0	0	0	0
Department of Labor, total	3,589	10,862	28,618	29,998	31,143
Bureau of Apprenticeship & Training	NA	NA	NA	NA	NA
Bureau of Employment Security	NA	NA	NA	NA	NA
Bureau of Labor Statistics	1,300	1,300	1,300	1,300	1,300
Employment Standards Admin	0	0	0	0	0
Employment & Training Admin	47	7,305	24,328	25,547	26,615
Labor-Management Relations & Cooperative Programs	NA	NA	NA	NA	NA
Labor-Management Svcs Admin	NA	NA	NA	NA	NA
Occupational Safety & Health Administration	1,697	1,433	2,002	2,076	2,151
Office of the Secretary	30	20	25	25	25
Pension & Welfare Benefits Administration	460	747	908	993	993
Pension Benefit Guaranty Corp	55	57	55	57	59
Wage & Hour Division	0	0	0	0	0
Post Office Department	NA	NA	NA	NA	NA

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

Table 38. Federal obligations to intramural performers for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

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Agency and subdivision	1998	1999	2000	Preliminary	
				2001	2002
Department of State, total	324	490	588	600	600
Agcy for Internat'l Dvlpmt	NA	NA	NA	NA	NA
Bureau of Intelligence & Rsch	0	0	0	0	0
Departmental Funds	0	0	0	0	0
Peace Corps	0	0	0	0	0
Dept of Transportation, total	96,084	129,695	134,465	138,565	145,957
Coast Guard	3,285	3,724	3,654	3,802	3,638
Federal Aviation Admin	31,506	61,666	66,252	67,988	72,939
Federal Highway Administration	21,959	18,127	11,605	15,034	13,769
Federal Motor Carrier Safety Administration ⁷	NA	NA	387	916	1,627
Federal Railroad Admin	9,360	10,753	13,462	11,535	12,162
Federal Transit Administration	400	600	0	519	0
Infrastructure Investment	NA	NA	NA	NA	NA
Maritime Administration	0	0	0	0	0
Materials Transportation Bureau	0	0	0	0	0
National Highway Traffic Safety Administration	26,637	30,824	36,446	34,721	37,787
Office of the Secretary	0	0	0	0	0
Rsch & Special Programs Admin	2,937	4,001	2,659	4,050	4,035
Department of the Treasury, total	38,712	38,639	39,240	53,580	56,218
Bureau of Alcohol, Tobacco, & Firearms	NA	NA	NA	NA	NA
Bureau of Engraving & Printing	2,642	1,991	2,643	3,177	3,192
Financial Crimes Enforcement Network	0	0	0	0	0
Internal Revenue Service	35,053	36,146	35,683	49,221	51,682
Office of Thrift Supervision	684	144	128	209	219
United States Customs Service	50	0	0	300	300
United States Mint	0	0	0	0	0
United States Secret Service	283	358	786	673	825
Department of Veterans Affairs	149,051	183,846	185,399	189,884	195,333
Other agencies:					
ACTION	0	0	0	0	0
Advisory Commission on Intergovernmental Relations	NA	NA	NA	NA	NA
Appalachian Regional Commission	15	11	10	1	10
Atomic Energy Commission	NA	NA	NA	NA	NA
Broadcasting Board of Governors ⁸	NA	NA	84	5	100
Civil Aeronautics Board	NA	NA	NA	NA	NA
Civil Service Commission	NA	NA	NA	NA	NA
Community Services Admin	NA	NA	NA	NA	NA
Consumer Product Safety Comm	0	0	0	0	0
Energy Research & Dvlpmt Admin	NA	NA	NA	NA	NA
Energy Security Trust Fund	NA	NA	NA	NA	NA
Environmental Protection Agency ⁴	229,834	194,790	224,005	239,850	225,071
Fed Communications Commission	3,025	4,487	2,789	1,992	1,348
Federal Emergency Management Agency, total	0	0	0	0	0
Def Civil Preparedness Agcy	0	0	0	0	0
National Fire Prevention & Control Administration	0	0	0	0	0
Federal Energy Administration	NA	NA	NA	NA	NA
Federal Trade Commission	1,144	1,254	674	1,272	1,484
Foundation for Ed Assistance	NA	NA	NA	NA	NA
General Services Administration	0	0	0	0	0
International Development					
Cooperation Agency, total	18,822	18,008	23,358	25,000	25,000
Agcy for Internat'l Dvlpmt	18,822	18,008	23,358	25,000	25,000
Institute for Scientific & Technological Cooperation	0	0	0	0	0
Interstate Commerce Commission	0	0	0	0	0
Library of Congress	455	544	601	416	463

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

Table 38. Federal obligations to intramural performers for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1998	1999	2000	Preliminary	
				2001	2002
Nat'l Aeronautics & Space Admin ⁹	597,779	578,728	460,848	540,675	446,199
Nat'l Archives & Records Admin	120	120	120	120	120
National Science Foundation	814	267	533	630	626
Nuclear Regulatory Commission	14,301	14,664	14,455	15,527	16,102
Office of Economic Opportunity	NA	NA	NA	NA	NA
Office of Emergency Preparedness	NA	NA	NA	NA	NA
Office of Personnel Management	0	0	0	0	0
Office of Science & Technology	NA	NA	NA	NA	NA
Off of Telecommunications Policy	NA	NA	NA	NA	NA
Office of Thrift Supervision	NA	NA	NA	NA	NA
Postal Service	0	0	0	0	0
Small Business Administration	0	0	0	0	0
Smithsonian Institution	0	0	0	0	0
Social Security Administration	2,336	2,380	5,377	5,500	19,100
Special Action Office for Drug Abuse Prevention	NA	NA	NA	NA	NA
Tennessee Valley Authority	761	0	0	0	0
United States Arms Control & Disarmament Agency ¹⁰	525	0	0	0	0
United States Commission on Civil Rights	0	0	0	0	0
United States Information Agency ¹¹	258	117	NA	NA	NA
United States International Trade Commission ¹²	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