

**Table 19. Federal obligations to industrial performers for research, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

Agency and subdivision	1970	1971	1972	1973	1974	1975	1976
Total, all agencies	876,451	888,988	906,586	887,311	874,616	1,010,246	1,102,954
Departments:							
Department of Agriculture, total	578	440	727	1,743	659	1,379	385
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	97	88	90	0	0	0	0
Economic Research Service	8	0	0	0	0	0	0
Farmer Cooperative Service	0	0	0	0	0	0	0
Statistical Reporting Svc	89	88	90	0	0	0	0
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	6	6	468	1,201	530	1,149	245
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	NA	0	0	0	0
Science & Ed Admin, total	475	346	169	542	129	230	140
Agricultural Research Svc	382	252	164	542	129	230	140
Cooperative State Rsch Svc	0	0	0	0	0	0	0
Nat'l Agricultural Library	93	94	5	0	0	0	0
Department of Commerce, total	6,355	12,731	20,422	9,855	15,806	11,882	11,007
Bureau of the Census	0	0	0	0	0	0	0
Economic Development Admin	911	86	0	149	182	217	119
Env Science Svcs Admin	NA	NA	NA	NA	NA	NA	NA
Maritime Administration	4,169	10,941	18,150	3,816	4,708	4,672	3,615
Minority Business Dvlpmt Agcy	0	0	0	0	0	121	18
National Fire Prevention & Control Administration	NA	NA	NA	NA	NA	0	65
Nat'l Inst of Standards & Tech	0	124	106	244	178	250	0
National Oceanic & Atmospheric Administration	1,275	1,580	2,166	5,461	10,738	6,622	7,190
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	0	0	0	0	0	0
Patent & Trademark Office	0	0	0	0	0	0	0
United States Travel & Tourism Administration	0	0	0	185	0	0	0

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

**Table 19. Federal obligations to industrial performers for research, by agency:
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[Dollars in thousands]

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Agency and subdivision	1970	1971	1972	1973	1974	1975	1976
Department of Defense, total	418,746	415,166	486,507	447,564	455,731	504,349	514,244
Defense Agencies, total	147,442	134,912	167,975	137,294	141,192	148,534	148,607
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	172,037	166,596	173,787	175,638	179,686	199,446	220,410
Department of the Army, total	41,991	60,694	76,821	73,289	70,024	77,219	63,914
Department of the Army, Civil Functions	60	347	559	200	250	158	1,097
Department of the Army, Military Functions	41,931	60,347	76,262	73,089	69,774	77,061	62,817
Department of the Navy, total	55,873	52,202	66,643	60,406	63,879	78,567	81,068
Def Civil Preparedness Agcy	1,403	762	1,281	937	950	583	245
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 19. Federal obligations to industrial performers for 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	27,523	30,293	51,678	52,013	83,028	73,098	83,512
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	0	1,040	2,748	3,760	4,613
Center for Disease Control	0	0	0	1,220	8,060	3,632	2,616
Environmental Health Service	0	0	0	0	0	0	0
Food & Drug Administration	175	1,038	1,532	1,929	6,214	2,463	2,765
Health Care Financing Admin	NA	NA	NA	NA	NA	NA	NA
Health Resources Admin	0	0	0	1,557	1,234	6	279
Health Services Administration	0	0	0	0	0	0	0
Hlth Svcs & Mental Health Admin	3,739	551	4,208	0	0	0	0
National Inst of Education	0	0	0	0	0	89	674
National Institutes of Health	22,753	28,166	43,847	45,567	60,206	58,838	63,053
Off of Asst Sec for Education	0	0	0	0	0	0	0
Off of the Asst Sec for Health	0	0	0	0	0	0	0
Office of Child Development	0	236	0	0	0	0	0
Office of Education	720	126	1,982	167	767	843	2,371
Office of Human Dvlpmt Svcs	0	0	0	483	1,190	310	2,330
Office of International Health	0	0	0	0	0	NA	NA
Office of the Secretary	0	0	0	0	603	470	3,082
Social & Rehabilitation Svc	0	0	0	0	1,844	1,439	86
Social Security Administration	136	176	109	50	162	1,248	1,643
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 19. Federal obligations to industrial performers for research, by agency:
fiscal years 1970-2002**

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Agency and subdivision	1970	1971	1972	1973	1974	1975	1976
Dept of Housing & Urban Dvlpmt	5,628	4,873	5,344	4,124	8,242	8,710	14,011
Department of the Interior, total	7,457	11,613	12,696	11,307	8,476	34,765	35,695
Bonneville Power Admin	305	137	180	179	309	334	309
Bureau of Land Management	0	0	0	0	0	0	0
Bureau of Mines	0	1,695	2,913	3,088	3,336	26,491	28,941
Bureau of Reclamation	944	1,303	1,228	1,015	1,559	1,374	1,615
Federal Water Pollution Control							
Administration	NA	NA	NA	NA	NA	NA	NA
Geological Survey	368	303	867	1,439	828	1,886	525
Heritage Conservation &							
Recreation Service	0	0	0	0	0	0	0
Minerals Management Service	NA	NA	NA	NA	NA	NA	NA
National Biological Service	NA	NA	NA	NA	NA	NA	NA
National Park Service	0	0	0	0	0	387	390
National Resources Library	NA	NA	NA	NA	NA	0	0
Office of Coal Research	1,291	3,861	2,584	2,002	NA	NA	NA
Office of the Secretary	0	0	138	2,209	0	430	530
Office of Surface Mining							
Reclamation & Enforcement	0	0	0	NA	NA	NA	NA
Office of Water Research							
& Technology, total	4,549	4,314	4,786	1,375	2,444	3,388	3,167
Office of Saline Water	3,946	3,329	3,278	NA	NA	NA	NA
Off of Water Resources Rsch	603	985	1,508	1,375	NA	NA	NA
United States Fish & Wildlife							
Service, total	0	0	0	0	0	475	218
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	825	779	904	740	2,784	303	132
Bureau of Prisons	0	0	0	0	0	0	0
Drug Enforcement Admin	0	506	164	740	695	256	0
Fed Bureau of Investigation	0	0	0	0	0	0	0
Immigration & Naturalization							
Service	0	0	0	0	0	47	132
Office of Justice Programs	825	273	740	0	2,089	0	0
Office of Legal Policy	0	0	0	0	0	0	0
Department of Labor, total	621	823	826	1,255	1,652	3,225	4,055
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	0	0	0	0	0	0	0
Employment Standards Admin	0	0	0	0	0	0	0
Employment & Training Admin	621	823	826	876	1,165	1,577	1,382
Labor-Management Relations &							
Cooperative Programs	NA	NA	NA	NA	NA	NA	NA
Labor-Management Svcs Admin	0	0	0	0	157	0	0
Occupational Safety & Health							
Administration	0	0	0	247	194	1,162	2,600
Office of the Secretary	0	0	0	132	136	486	73
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	2,117	NA	NA	NA	NA	NA	NA

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Agency and subdivision	1970	1971	1972	1973	1974	1975	1976
Department of State, total	50	0	154	64	191	556	1,052
Agy for Internat'l Dvlpmt	0	0	0	0	0	534	954
Bureau of Intelligence & Rsch	0	0	0	0	0	0	0
Departmental Funds	0	0	154	64	191	22	98
Peace Corps	50	0	0	0	0	0	0
Dept of Transportation, total	21,608	34,386	44,982	34,673	29,058	26,567	14,331
Coast Guard	1,804	2,114	1,120	2,738	4,786	2,660	1,294
Federal Aviation Admin	7,171	12,431	17,296	12,226	10,386	10,738	2,639
Federal Highway Administration	3,966	3,803	3,322	522	775	847	480
Federal Motor Carrier Safety Administration ⁷	NA	NA	NA	NA	NA	NA	NA
Federal Railroad Admin	3,544	6,771	5,211	8,541	369	590	1,845
Federal Transit Administration	230	49	295	291	156	96	20
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	3,639	4,786	7,785	8,562	7,960	7,213	7,149
Office of the Secretary	1,254	4,432	9,953	1,793	4,626	4,423	904
Rsch & Special Programs Admin	NA	NA	NA	NA	NA	NA	NA
Department of the Treasury, total	0	0	43	26	0	0	0
Bureau of Alcohol, Tobacco, & Firearms	0	0	0	0	0	0	0
Bureau of Engraving & Printing	0	0	43	26	0	0	0
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	55	177	170	0	0	0	0
Other agencies:							
ACTION	0	60	0	0	0	69	15
Advisory Commission on Intergovernmental Relations	0	0	0	0	0	0	0
Appalachian Regional Commission	0	0	NA	NA	NA	NA	684
Atomic Energy Commission	3,550	2,977	2,606	3,349	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	0	0	0	0	0	0	0
Community Services Admin	NA	NA	NA	NA	0	0	0
Consumer Product Safety Comm	0	0	0	0	0	248	422
Energy Research & Dvlpmt Admin	0	0	0	0	6,008	59,834	54,449
Energy Security Trust Fund	NA	NA	NA	NA	NA	NA	NA
Environmental Protection Agency ⁴	10,233	12,464	8,797	21,700	33,588	28,533	35,836
Fed Communications Commission	400	0	145	425	153	329	548
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	199	527
Federal Trade Commission	0	0	0	0	0	0	0
Foundation for Ed Assistance	NA	NA	NA	NA	NA	NA	NA
General Services Administration	0	0	5	135	799	554	241
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	0
Library of Congress	43	20	0	0	0	0	0

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

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Agency and subdivision	1970	1971	1972	1973	1974	1975	1976
Nat'l Aeronautics & Space Admin ⁹	357,949	348,998	259,855	287,760	210,780	236,902	310,015
Nat'l Archives & Records Admin	NA	NA	NA	NA	NA	NA	NA
National Science Foundation	2,805	3,530	3,488	6,510	13,996	15,455	14,510
Nuclear Regulatory Commission	NA	NA	NA	NA	3,068	2,515	6,548
Office of Economic Opportunity	8,359	8,644	5,796	860	NA	NA	NA
Office of Emergency Preparedness	321	230	175	NA	NA	NA	NA
Office of Personnel Management	NA	NA	NA	NA	NA	NA	NA
Office of Science & Technology	0	0	0	NA	NA	NA	NA
Off of Telecommunications Policy	0	0	916	415	100	346	298
Office of Thrift Supervision	0	0	0	0	0	0	0
Postal Service	NA	383	0	0	0	0	0
Small Business Administration	0	0	0	0	0	156	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	0	0	0	2,058	0	0	NA
Tennessee Valley Authority	0	0	0	0	0	0	0
United States Arms Control & Disarmament Agency ¹⁰	1,171	401	350	729	497	272	437
United States Commission on Civil Rights	0	0	0	0	0	0	0
United States Information Agency ¹¹	57	0	0	6	0	0	0
United States International Trade Commission ¹²	0	0	0	0	0	0	0

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[Dollars in thousands]

Agency and subdivision	1977	1978	1979	1980	1981	1982	1983
Total, all agencies	1,367,256	1,651,406	1,761,951	2,077,605	1,958,306	2,156,575	2,114,205
Departments:							
Department of Agriculture, total	5,541	5,959	4,407	5,354	8,324	2,501	1,623
Agricultural Cooperative Svc	NA	NA	NA	0	0	0	0
Agricultural Marketing Service	0	0	75	25	0	0	0
Agricultural Research Service	NA	NA	NA	NA	8,271	0	0
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	0	0	0
Economic Research Service	NA	NA	NA	NA	0	0	0
Economics, Statistics, & Cooperative Svc, total	0	0	0	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	0	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	607	808	571	103	53	371	403
Grain Inspection Packers & Stockyards Administration	0	0	0	0	0	0	0
Human Nutrition Info Svc	NA	NA	NA	NA	0	2,130	1,200
Nat'l Agri Statistics Svc	NA	NA	NA	NA	0	0	20
Natural Resources Conservation Service	0	0	0	0	0	0	0
Office of International Cooperation & Development	NA	NA	0	0	0	0	0
Office of Transportation	NA	NA	0	0	0	0	0
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	4,934	5,151	3,761	5,226	NA	NA	NA
Agricultural Research Svc	4,934	5,151	3,761	5,226	NA	NA	NA
Cooperative State Rsch Svc	0	0	0	0	NA	NA	NA
Nat'l Agricultural Library	NA	NA	NA	NA	NA	NA	NA
Department of Commerce, total	7,668	9,930	17,174	19,298	7,683	13,805	11,977
Bureau of the Census	0	0	0	0	0	0	0
Economic Development Admin	490	0	1,811	404	225	108	780
Env Science Svcs Admin	NA	NA	NA	NA	NA	NA	NA
Maritime Administration	2,456	5,500	9,607	9,761	NA	NA	NA
Minority Business Dvlpmt Agcy	64	0	0	0	0	0	0
National Fire Prevention & Control Administration	79	NA	NA	NA	NA	NA	NA
Nat'l Inst of Standards & Tech	231	1,765	406	870	1,301	462	1,267
National Oceanic & Atmospheric Administration	4,348	2,665	5,350	8,263	6,157	13,235	9,930
Nat'l Technical Information Svc	0	0	0	0	0	0	0
National Telecommunications & Information Administration	0	0	0	0	0	0	0
Office of Productivity, Technology, & Innovation	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	0	0	0	0	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

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Agency and subdivision	1977	1978	1979	1980	1981	1982	1983
Department of Defense, total	592,558	708,197	750,571	969,615	1,006,089	1,220,877	1,209,177
Defense Agencies, total	203,328	258,583	320,346	393,876	473,339	525,466	556,509
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	248,486	250,823	266,882	251,966	268,743	310,318	337,375
Department of the Army, total	66,566	69,335	75,303	105,077	135,295	144,289	150,360
Department of the Army, Civil Functions	832	710	609	1,064	1,121	1,095	1,032
Department of the Army, Military Functions	65,734	68,625	74,694	104,013	134,174	143,194	149,328
Department of the Navy, total	73,556	126,519	88,040	218,696	128,712	240,804	164,933
Def Civil Preparedness Agcy	622	2,937	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.

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[Dollars in thousands]

Agency and subdivision	1977	1978	1979	1980	1981	1982	1983
Department of Education	NA	NA	2,734	8,059	0	1,495	4,216
Department of Energy	76,858	138,469	68,203	64,858	139,077	240,303	242,045
Dept of Health, Education, & Welfare, total	92,742	88,078	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	3,107	2,662	NA	NA	NA	NA	NA
Center for Disease Control	4,382	4,332	NA	NA	NA	NA	NA
Environmental Health Service	0	0	NA	NA	NA	NA	NA
Food & Drug Administration	5,418	6,113	NA	NA	NA	NA	NA
Health Care Financing Admin	11,675	6,836	NA	NA	NA	NA	NA
Health Resources Admin	0	0	NA	NA	NA	NA	NA
Health Services Administration	332	185	NA	NA	NA	NA	NA
Hlth Svcs & Mental Health Admin	0	0	NA	NA	NA	NA	NA
National Inst of Education	1,030	1,548	NA	NA	NA	NA	NA
National Institutes of Health	60,881	58,482	NA	NA	NA	NA	NA
Off of Asst Sec for Education	0	0	NA	NA	NA	NA	NA
Off of the Asst Sec for Health	224	974	NA	NA	NA	NA	NA
Office of Child Development	0	0	NA	NA	NA	NA	NA
Office of Education	1,167	2,014	NA	NA	NA	NA	NA
Office of Human Dvlpmt Svcs	1,153	1,717	NA	NA	NA	NA	NA
Office of International Health	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	2,328	2,692	NA	NA	NA	NA	NA
Social & Rehabilitation Svc	NA	NA	NA	NA	NA	NA	NA
Social Security Administration	1,045	523	NA	NA	NA	NA	NA
Department of Health & Human Services, total	NA	NA	112,555	130,503	116,520	99,072	99,684
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	4,595	7,563	4,437	4,484	10,313
Centers for Disease Control & Prevention	NA	NA	6,251	6,593	9,106	6,953	6,941
Food & Drug Administration	NA	NA	3,770	4,680	3,818	0	0
Health Care Financing Admin	NA	NA	10,273	19,081	14,278	9,101	6,234
Health Resources Admin	NA	NA	0	0	0	NA	NA
Health Resources & Svcs Admin	NA	NA	NA	NA	NA	0	0
Health Services Administration	NA	NA	0	0	0	NA	NA
Human Development Services	NA	NA	610	1,943	1,534	1,017	906
National Institutes of Health ⁵	NA	NA	81,161	83,473	77,555	74,163	71,458
Off of the Asst Sec for Health	NA	NA	3,397	3,953	3,660	1,809	1,330
Office of the Secretary, total	NA	NA	1,355	1,932	1,890	1,192	1,422
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	1,143	1,285	242	353	1,080
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 19. Federal obligations to industrial performers for research, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

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Agency and subdivision	1977	1978	1979	1980	1981	1982	1983
Dept of Housing & Urban Dvlpmt	6,599	6,296	3,400	4,352	67	319	4,593
Department of the Interior, total	11,439	17,484	39,902	47,553	39,855	22,715	16,175
Bonneville Power Admin	0	0	0	0	3,574	NA	NA
Bureau of Land Management	0	0	0	0	0	0	0
Bureau of Mines	6,000	10,200	34,000	32,400	27,400	14,746	12,143
Bureau of Reclamation	919	1,567	2,052	2,146	1,765	1,314	853
Federal Water Pollution Control Administration	NA	NA	NA	NA	NA	NA	NA
Geological Survey	765	988	833	5,441	3,892	3,826	2,100
Heritage Conservation & Recreation Service	0	NA	NA	NA	NA	NA	NA
Minerals Management Service	NA	NA	NA	NA	NA	0	125
National Biological Service	NA	NA	NA	NA	NA	NA	NA
National Park Service	321	114	95	0	828	0	0
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	1,619	355	412	472	308	0	0
Office of Surface Mining Reclamation & Enforcement	0	510	160	1,660	424	385	778
Office of Water Research & Technology, total	1,515	3,500	2,073	5,000	1,230	1,944	176
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	300	250	277	434	434	500	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	1,100	1,967	1,181	1,980	3,328	1,182	2,334
Bureau of Prisons	0	0	0	0	0	0	0
Drug Enforcement Admin	500	400	600	700	300	900	600
Fed Bureau of Investigation	0	0	0	0	0	0	0
Immigration & Naturalization Service	142	31	82	95	23	200	260
Office of Justice Programs	458	1,500	158	685	2,505	0	1,366
Office of Legal Policy	0	36	341	500	500	82	108
Department of Labor, total	4,502	4,036	17,408	10,370	8,124	4,149	5,541
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	0	60	57	65	0	0	0
Employment Standards Admin	0	122	249	450	293	0	368
Employment & Training Admin	461	1,264	11,623	3,953	4,829	0	56
Labor-Management Relations & Cooperative Programs	NA	NA	NA	NA	NA	NA	NA
Labor-Management Svcs Admin	767	1,012	583	318	45	0	0
Occupational Safety & Health Administration	3,245	869	4,701	5,366	2,870	3,909	4,838
Office of the Secretary	29	709	195	218	0	0	0
Pension & Welfare Benefits Administration	NA	NA	NA	NA	NA	NA	NA
Pension Benefit Guaranty Corp	NA	NA	NA	NA	87	240	279
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 19. Federal obligations to industrial performers for research, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

Agency and subdivision	1977	1978	1979	1980	1981	1982	1983
Department of State, total	1,129	4,090	1,004	748	536	645	647
Agcy for Internat'l Dvlpmt	694	2,848	NA	NA	NA	NA	NA
Bureau of Intelligence & Rsch	0	0	0	0	0	0	0
Departmental Funds	435	1,242	1,004	748	536	0	0
Peace Corps	0	0	0	0	0	0	0
Dept of Transportation, total	23,317	31,179	34,269	39,211	44,102	31,767	38,540
Coast Guard	1,683	1,599	7,700	5,100	8,984	739	30
Federal Aviation Admin	3,250	5,281	5,850	6,396	6,396	5,460	9,686
Federal Highway Administration	1,700	1,484	1,793	2,120	1,112	2,110	4,193
Federal Motor Carrier Safety Administration ⁷	NA	NA	NA	NA	NA	NA	NA
Federal Railroad Admin	1,460	2,035	1,660	1,815	1,426	682	1,196
Federal Transit Administration	0	0	0	2,800	2,216	6,762	6,792
Infrastructure Investment	NA	NA	NA	NA	NA	NA	NA
Maritime Administration	NA	NA	NA	NA	8,297	4,551	5,470
Materials Transportation Bureau	0	0	0	0	0	0	0
National Highway Traffic Safety Administration	13,894	19,433	16,801	19,907	15,156	11,046	11,033
Office of the Secretary	1,330	1,347	365	430	315	117	40
Rsch & Special Programs Admin	0	0	100	643	200	300	100
Department of the Treasury, total	0	661	2,142	1,002	1,555	1,609	2,123
Bureau of Alcohol, Tobacco, & Firearms	0	0	231	169	0	NA	NA
Bureau of Engraving & Printing	0	399	16	200	75	1,184	420
Financial Crimes Enforcement Network	0	0	0	0	0	0	0
Internal Revenue Service	0	262	1,895	633	1,436	425	1,703
Office of Thrift Supervision	NA	NA	NA	NA	NA	NA	NA
United States Customs Service	0	0	0	0	44	0	0
United States Mint	0	0	0	0	0	0	0
United States Secret Service	NA	NA	NA	0	0	0	0
Department of Veterans Affairs	918	0	0	0	0	220	0
Other agencies:							
ACTION	0	0	0	0	0	0	0
Advisory Commission on Intergovernmental Relations	0	0	0	0	0	0	0
Appalachian Regional Commission	374	193	348	350	75	150	162
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	0	NA	NA	NA	NA	NA	NA
Community Services Admin	0	0	0	0	0	NA	NA
Consumer Product Safety Comm	415	503	882	848	110	0	0
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	56,630	62,005	64,790	65,798	52,472	75,211	60,861
Fed Communications Commission	352	625	1,503	1,224	673	97	12
Federal Emergency Management Agency, total	NA	89	2,050	2,122	2,606	2,285	1,112
Def Civil Preparedness Agcy	NA	NA	0	0	0	0	0
National Fire Prevention & Control Administration	NA	89	0	0	0	0	0
Federal Energy Administration	NA	NA	NA	NA	NA	NA	NA
Federal Trade Commission	0	0	0	0	0	0	0
Foundation for Ed Assistance	NA	NA	NA	NA	7,499	NA	NA
General Services Administration	270	679	111	71	118	0	0
International Development Cooperation Agency, total	NA	NA	1,344	2,766	3,804	15,556	12,470
Agcy for Internat'l Dvlpmt	NA	NA	1,344	2,766	3,804	15,556	12,470
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	0	0	0	0	0	0	0

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

**Table 19. Federal obligations to industrial performers for 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	460,501	542,070	613,660	678,664	479,224	391,075	365,878
Nat'l Archives & Records Admin	NA	NA	NA	NA	NA	NA	NA
National Science Foundation	14,645	21,882	16,334	16,305	29,323	25,421	26,062
Nuclear Regulatory Commission	8,209	5,569	4,340	5,301	6,501	5,510	8,460
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	0	0	160	117	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	0	0	0	0	87	73	0
Postal Service	0	0	0	0	0	0	0
Small Business Administration	134	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	0	0	0	0	0	0	0
United States Arms Control & Disarmament Agency ¹⁰	1,349	1,423	1,624	1,090	428	538	507
United States Commission on Civil Rights	0	0	0	0	0	0	0
United States Information Agency ¹¹	6	22	15	3	9	0	6
United States International Trade Commission ¹²	0	0	0	0	0	0	0

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

**Table 19. Federal obligations to industrial performers for research, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

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Agency and subdivision	1984	1985	1986	1987	1988	1989	1990
Total, all agencies	2,137,440	2,074,373	2,280,461	2,448,590	2,642,471	2,875,047	3,191,641
Departments:							
Department of Agriculture, total	3,104	5,313	10,089	5,322	6,321	5,854	6,101
Agricultural Cooperative Svc	0	0	0	0	0	0	0
Agricultural Marketing Service	0	0	0	0	70	0	0
Agricultural Research Service	0	0	0	0	0	0	0
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	1,381	2,911	3,502	3,755	3,737	3,926	4,037
Economic Research Service	0	0	0	0	0	0	0
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	223	376	520	1,122	740	535	341
Grain Inspection Packers & Stockyards Administration	0	310	0	0	0	0	0
Human Nutrition Info Svc	1,500	1,716	6,067	445	1,774	1,393	1,700
Nat'l Agri Statistics Svc	0	0	0	0	0	0	23
Natural Resources Conservation Service	0	0	0	0	0	0	0
Office of International Cooperation & Development	0	0	0	0	0	0	0
Office of Transportation	0	0	0	0	0	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	14,678	10,537	13,364	8,279	6,146	5,786	9,601
Bureau of the Census	0	0	0	0	0	0	0
Economic Development Admin	0	0	0	119	117	0	235
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	766	1,077	1,055	807	746	835	1,254
National Oceanic & Atmospheric Administration	13,912	9,214	12,309	7,353	5,283	4,951	8,112
Nat'l Technical Information Svc	0	0	0	0	0	0	0
National Telecommunications & Information Administration	0	246	0	0	0	0	0
Office of Productivity, Technology, & Innovation	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	0	0	0	0	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 19. Federal obligations to industrial performers for research, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

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Agency and subdivision	1984	1985	1986	1987	1988	1989	1990
Department of Defense, total	1,003,398	996,689	967,810	1,089,806	1,084,666	1,177,427	1,294,593
Defense Agencies, total	406,653	344,078	368,039	442,931	444,776	520,946	595,338
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	236,994	265,745	179,406	408,784
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	205,937	179,031	0	186,454
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	0	0	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	0	5,190	0
Washington Headquarters Services	NA	NA	NA	0	0	336,350	100
Dept of the Air Force, total	341,344	332,457	350,361	356,154	367,479	370,772	350,768
Department of the Army, total	146,501	183,346	185,589	210,458	143,869	174,329	177,040
Department of the Army, Civil Functions	1,018	1,189	1,211	1,096	1,196	1,346	1,248
Department of the Army, Military Functions	145,483	182,157	184,378	209,362	142,673	172,983	175,792
Department of the Navy, total	108,900	136,808	63,821	80,263	128,542	111,380	171,447
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 19. Federal obligations to industrial performers for research, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

Agency and subdivision	1984	1985	1986	1987	1988	1989	1990
Department of Education	9,854	10,523	10,263	11,923	6,817	5,856	11,902
Department of Energy	215,223	194,532	233,658	184,491	211,207	149,729	172,627
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	134,019	121,173	139,643	188,038	248,095	294,476	313,313
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	8,162
Agency for Toxic Substances Disease & Registry ⁴	NA	NA	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	14,567	12,101	14,972	13,469	16,020	20,359	9,214
Centers for Disease Control & Prevention	1,501	1,446	1,753	2,178	4,291	4,357	5,228
Food & Drug Administration	0	0	0	0	0	0	0
Health Care Financing Admin	16,572	9,841	10,397	9,533	8,419	14,589	13,316
Health Resources Admin	NA	NA	NA	NA	NA	NA	NA
Health Resources & Svcs Admin	0	0	0	0	0	0	0
Health Services Administration	NA	NA	NA	NA	NA	NA	NA
Human Development Services	844	1,095	985	1,414	340	200	1,507
National Institutes of Health ⁵	94,968	93,575	107,077	156,534	213,250	246,280	273,347
Off of the Asst Sec for Health	1,900	1,415	2,805	2,135	3,377	6,180	0
Office of the Secretary, total	1,417	1,366	1,654	1,991	1,808	2,016	2,220
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	2,250	334	0	784	590	495	319
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 19. Federal obligations to industrial performers for research, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

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Agency and subdivision	1984	1985	1986	1987	1988	1989	1990
Dept of Housing & Urban Dvlpmt	1,333	2,105	1,893	1,026	902	640	345
Department of the Interior, total	14,919	4,079	5,384	3,500	11,155	14,101	13,120
Bonneville Power Admin	NA	NA	NA	NA	NA	NA	NA
Bureau of Land Management	0	0	0	0	0	0	0
Bureau of Mines	9,220	0	675	386	9,537	11,622	10,133
Bureau of Reclamation	1,498	1,915	2,000	1,129	18	0	0
Federal Water Pollution Control Administration	NA	NA	NA	NA	NA	NA	NA
Geological Survey	2,638	1,847	1,452	1,473	1,234	2,389	2,948
Heritage Conservation & Recreation Service	NA	NA	NA	NA	NA	NA	NA
Minerals Management Service	125	200	234	171	155	90	39
National Biological Service	NA	NA	NA	NA	NA	NA	NA
National Park Service	0	0	0	0	0	0	0
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	12	0	0
Office of Surface Mining Reclamation & Enforcement	106	117	1,023	341	199	0	0
Office of Water Research & Technology, total	482	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	850	0	0	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	1,520	1,211	2,078	1,112	2,137	1,805	822
Bureau of Prisons	0	0	900	60	90	171	0
Drug Enforcement Admin	500	200	500	500	400	300	333
Fed Bureau of Investigation	0	0	0	0	0	0	0
Immigration & Naturalization Service	270	180	180	180	296	45	360
Office of Justice Programs	750	831	498	372	1,351	1,289	129
Office of Legal Policy	0	0	0	0	0	0	0
Department of Labor, total	6,260	5,447	5,178	5,543	9,059	7,651	5,124
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	0	0	0	0	0	0	0
Employment Standards Admin	0	0	0	735	0	0	0
Employment & Training Admin	699	100	1,883	0	3,500	2,556	300
Labor-Management Relations & Cooperative Programs	0	137	25	32	15	0	NA
Labor-Management Svcs Admin	NA	NA	NA	NA	NA	NA	NA
Occupational Safety & Health Administration	4,675	4,080	3,180	3,708	3,800	4,188	2,148
Office of the Secretary	0	0	0	121	621	408	1,071
Pension & Welfare Benefits Administration	586	950	0	677	853	499	1,605
Pension Benefit Guaranty Corp	300	180	90	270	270	0	0
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 19. Federal obligations to industrial performers for research, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

Agency and subdivision	1984	1985	1986	1987	1988	1989	1990
Department of State, total	557	216	220	131	46	59	67
Agcy 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	24,763	28,507	25,642	26,129	31,143	46,480	49,753
Coast Guard	1,250	905	1,035	1,084	1,226	1,262	1,616
Federal Aviation Admin	8,859	11,369	9,009	7,297	3,915	1,799	3,653
Federal Highway Administration	4,382	2,410	5,591	8,777	22,001	35,639	36,925
Federal Motor Carrier Safety Administration ⁷	NA	NA	NA	NA	NA	NA	NA
Federal Railroad Admin	1,676	523	498	600	252	428	705
Federal Transit Administration	400	192	0	0	0	0	0
Infrastructure Investment	NA	NA	NA	NA	NA	NA	NA
Maritime Administration	4,944	5,520	4,790	2,112	363	0	622
Materials Transportation Bureau	0	0	0	0	0	0	0
National Highway Traffic Safety Administration	2,434	6,950	4,683	6,259	3,261	6,488	4,085
Office of the Secretary	673	638	36	0	125	864	1,482
Rsch & Special Programs Admin	145	0	0	0	0	0	665
Department of the Treasury, total	2,557	4,851	5,167	5,825	4,938	4,370	6,354
Bureau of Alcohol, Tobacco, & Firearms	NA	NA	NA	NA	NA	NA	NA
Bureau of Engraving & Printing	433	932	1,016	1,625	259	0	0
Financial Crimes Enforcement Network	0	0	0	0	0	0	0
Internal Revenue Service	1,988	3,773	3,909	4,026	3,858	3,760	5,812
Office of Thrift Supervision	NA	NA	NA	NA	NA	NA	0
United States Customs Service	31	38	115	170	600	360	300
United States Mint	0	0	0	0	0	0	0
United States Secret Service	105	108	127	4	221	250	242
Department of Veterans Affairs	0	0	0	0	0	0	0
Other agencies:							
ACTION	0	0	0	0	0	0	0
Advisory Commission on Intergovernmental Relations	0	0	0	0	0	0	0
Appalachian Regional Commission	200	100	126	55	95	0	142
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	0	23	0	143	0	205	34
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	53,816	68,851	66,735	134,439	117,554	80,962	121,443
Fed Communications Commission	0	0	0	0	0	0	0
Federal Emergency Management Agency, total	2,364	1,091	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	0	0	0	0	0	0	0
Foundation for Ed Assistance	NA	NA	NA	NA	NA	NA	NA
General Services Administration	113	66	255	116	61	0	0
International Development Cooperation Agency, total	4,252	4,148	5,590	9,585	18,500	8,986	25,787
Agcy for Internat'l Dvlpmt	4,252	4,148	5,590	9,585	18,500	8,986	25,787
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	0	0	0	0	0	0	0

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

**Table 19. Federal obligations to industrial performers for 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	597,767	562,694	711,355	710,252	823,705	1,005,135	1,079,972
Nat'l Archives & Records Admin	NA	0	0	0	0	0	0
National Science Foundation	33,637	41,408	69,141	55,927	50,071	57,111	72,145
Nuclear Regulatory Commission	10,964	10,297	6,473	6,795	9,038	7,432	8,223
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	66	12	0	0	98	160	0
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	0	10	21	0	0	0	0
United States Arms Control & Disarmament Agency ¹⁰	704	400	376	153	618	822	173
United States Commission on Civil Rights	0	0	0	0	0	0	0
United States Information Agency ¹¹	1,372	90	0	0	99	0	0
United States International Trade Commission ¹²	0	0	0	0	0	0	0

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

**Table 19. Federal obligations to industrial performers for research, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

Agency and subdivision	1991	1992	1993	1994	1995	1996	1997
Total, all agencies	3,406,515	3,451,220	3,923,802	4,063,942	4,698,680	4,269,142	4,392,115
Departments:							
Department of Agriculture, total	6,197	8,382	7,854	11,681	10,653	9,509	11,104
Agricultural Cooperative Svc	0	0	0	0	NA	NA	NA
Agricultural Marketing Service	0	0	0	0	0	0	0
Agricultural Research Service	0	0	0	0	0	0	0
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	5,579	5,659	7,135	8,597	10,473	9,509	10,949
Economic Research Service	0	0	0	0	0	0	0
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	539	1,489	617	245	180	0	155
Grain Inspection Packers & Stockyards Administration	0	0	0	0	0	0	0
Human Nutrition Info Svc	79	1,234	102	2,839	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	0	0	0	0	NA	NA	NA
Office of Transportation	NA	NA	NA	NA	NA	NA	NA
Rural Business-Cooperative Svc	NA	NA	NA	0	0	0	0
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	12,164	27,074	59,708	90,498	209,231	146,641	119,846
Bureau of the Census	0	0	0	0	0	0	0
Economic Development Admin	0	0	0	143	461	412	163
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	4,189	16,897	25,296	30,770	169,047	144,784	111,888
National Oceanic & Atmospheric Administration	7,975	10,177	34,412	59,585	39,723	1,445	7,795
Nat'l Technical Information Svc	0	0	0	0	0	0	0
National Telecommunications & Information Administration	0	0	0	0	0	0	0
Office of Productivity, Technology, & Innovation	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	0	0	0	0	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 19. Federal obligations to industrial performers for research, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

Agency and subdivision	1991	1992	1993	1994	1995	1996	1997
Department of Defense, total	1,297,630	1,439,453	1,762,717	1,395,043	1,480,181	1,391,972	1,270,994
Defense Agencies, total	572,583	739,632	857,352	797,439	815,442	672,025	590,529
Ballistic Missile Def Org	0	0	60,355	67,022	67,763	59,359	68,561
Chemical and Biological Defense ¹	NA	NA	NA	NA	NA	NA	NA
Def Adv Rsch Projects Agcy	391,000	469,248	529,786	542,281	558,694	459,841	375,223
Defense Info Systems Agcy	0	0	0	0	0	0	0
Defense Logistics Agency	0	0	0	0	0	0	0
Def Special Weapons Agcy	181,583	221,385	242,018	158,239	137,497	134,257	134,201
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	0	169	15,761	17,030	10,909	10,644
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	0	48,999	25,024	14,136	34,458	7,659	1,900
Dept of the Air Force, total	367,632	328,688	390,466	224,678	259,715	302,858	264,048
Department of the Army, total	188,062	189,255	266,545	159,236	192,765	169,388	176,539
Department of the Army, Civil Functions	1,531	2,024	1,787	1,859	2,025	1,057	1,841
Department of the Army, Military Functions	186,531	187,231	264,758	157,377	190,740	168,331	174,698
Department of the Navy, total	169,353	181,878	248,354	213,690	212,259	247,701	239,878
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 19. Federal obligations to industrial performers for research, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

Agency and subdivision	1991	1992	1993	1994	1995	1996	1997
Department of Education	6,771	6,197	5,479	6,011	3,728	5,000	3,791
Department of Energy	209,166	295,345	169,514	172,946	248,594	209,349	172,973
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	328,105	321,388	289,932	408,663	514,284	456,217	554,248
Admin for Children & Families	1,256	3,492	0	0	0	0	1,874
Administration on Aging	0	0	0	1,175	0	0	0
Agency for Healthcare Research and Quality ³	10,155	14,318	10,038	34,711	30,204	34,411	35,133
Agency for Toxic Substances Disease & Registry ⁴	NA	NA	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	11,326	NA	NA	NA	NA	NA	NA
Centers for Disease Control & Prevention	1,875	5,470	5,470	6,400	1,058	2,597	21,425
Food & Drug Administration	13,878	0	0	0	0	0	3,439
Health Care Financing Admin	16,376	15,638	16,781	15,689	27,270	26,520	28,356
Health Resources Admin	NA	NA	NA	NA	NA	NA	NA
Health Resources & Svcs Admin	0	0	0	0	0	0	0
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	271,106	277,802	252,721	345,166	452,625	390,860	463,282
Off of the Asst Sec for Health	0	0	0	0	0	NA	NA
Office of the Secretary, total	1,598	1,085	1,217	3,022	1,414	1,829	739
Office of the Asst Secretary, Planning & Evaluation	NA	NA	NA	NA	NA	1,829	739
Off of Public Hlth & Science	NA	NA	NA	NA	NA	0	0
Social Security Administration	535	3,583	3,705	2,500	1,713	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 19. Federal obligations to industrial performers for 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	2,684	984	106	790	595	711	1,927
Department of the Interior, total	16,711	16,093	19,679	19,824	6,716	7,588	10,918
Bonneville Power Admin	NA	NA	NA	NA	NA	NA	NA
Bureau of Land Management	0	0	0	0	0	0	0
Bureau of Mines	12,365	13,038	13,603	13,289	0	NA	NA
Bureau of Reclamation	0	0	0	0	0	0	0
Federal Water Pollution Control							
Administration	NA	NA	NA	NA	NA	NA	NA
Geological Survey	4,042	2,623	3,068	1,310	1,311	2,978	2,914
Heritage Conservation &							
Recreation Service	NA	NA	NA	NA	NA	NA	NA
Minerals Management Service	219	282	1,191	3,804	3,712	3,480	6,703
National Biological Service	NA	NA	0	53	53	NA	NA
National Park Service	0	0	1,667	1,368	1,640	1,130	1,301
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	85	150	150	0	0	0	0
Office of Surface Mining							
Reclamation & Enforcement	0	0	0	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	0	0	0	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	2,205	1,259	826	1,050	723	3,798	6,495
Bureau of Prisons	100	25	0	0	0	0	0
Drug Enforcement Admin	600	0	0	0	0	0	0
Fed Bureau of Investigation	0	0	0	0	0	0	0
Immigration & Naturalization							
Service	360	0	0	0	0	0	0
Office of Justice Programs	1,145	1,234	826	1,050	723	3,798	6,495
Office of Legal Policy	0	0	0	0	0	0	0
Department of Labor, total	8,284	8,877	6,165	6,666	7,136	5,680	5,412
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	0	0	0	0	0	0	0
Employment Standards Admin	0	0	0	0	0	0	0
Employment & Training Admin	2,245	2,515	1,500	1,432	1,000	0	373
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	2,211	1,949	1,292	2,128	3,084	5,304	3,894
Office of the Secretary	1,828	1,875	1,024	923	892	45	0
Pension & Welfare Benefits							
Administration	2,000	1,900	1,900	1,933	2,110	331	1,145
Pension Benefit Guaranty Corp	0	638	449	250	50	0	0
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 19. Federal obligations to industrial performers for research, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

Agency and subdivision	1991	1992	1993	1994	1995	1996	1997
Department of State, total	67	110	88	70	101	671	648
Agcy 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	49,657	63,132	66,210	87,494	95,712	155,875	136,084
Coast Guard	1,299	896	1,954	1,313	1,070	1,094	1,325
Federal Aviation Admin	840	7,893	27,380	21,016	30,435	58,213	70,076
Federal Highway Administration	36,025	40,763	22,336	54,299	44,701	81,267	51,900
Federal Motor Carrier Safety Administration ⁷	NA	NA	NA	NA	NA	NA	NA
Federal Railroad Admin	2,334	4,905	5,597	2,549	3,278	2,076	2,803
Federal Transit Administration	0	0	0	400	1,660	62	200
Infrastructure Investment	NA	NA	NA	0	NA	NA	NA
Maritime Administration	470	565	690	493	969	0	0
Materials Transportation Bureau	0	0	0	0	0	0	0
National Highway Traffic Safety Administration	8,110	7,290	7,369	5,221	11,813	10,374	6,819
Office of the Secretary	504	617	508	415	500	0	0
Rsch & Special Programs Admin	75	203	376	1,788	1,286	2,789	2,961
Department of the Treasury, total	6,392	6,202	314	598	976	4,101	6,994
Bureau of Alcohol, Tobacco, & Firearms	NA	NA	NA	NA	NA	NA	NA
Bureau of Engraving & Printing	0	0	0	0	0	0	0
Financial Crimes Enforcement Network	0	0	0	0	0	0	0
Internal Revenue Service	5,812	5,812	0	0	0	3,472	6,585
Office of Thrift Supervision	0	0	0	0	0	0	0
United States Customs Service	350	90	0	390	670	425	330
United States Mint	0	0	0	0	0	0	0
United States Secret Service	230	300	314	208	306	204	79
Department of Veterans Affairs	0	0	0	0	0	0	0
Other agencies:							
ACTION	0	0	0	0	0	0	0
Advisory Commission on Intergovernmental Relations	0	0	0	0	0	NA	NA
Appalachian Regional Commission	332	1,759	0	0	300	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	14	28	20	65	0	0	18
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	126,208	122,053	194,148	146,087	109,300	100,935	61,731
Fed Communications Commission	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0
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	19,196	25,277	8,813	8,760	11,086	9,000	10,453
Agcy for Internat'l Dvlpmt	19,196	25,277	8,813	8,760	11,086	9,000	10,453
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	0	0	0	0	0	0	0

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

**Table 19. Federal obligations to industrial performers for 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	1,204,254	1,054,743	1,242,860	1,621,659	1,885,761	1,645,695	1,894,261
Nat'l Archives & Records Admin	0	0	0	0	0	0	0
National Science Foundation	102,806	44,097	74,191	78,822	108,611	106,594	114,388
Nuclear Regulatory Commission	7,451	7,449	14,235	6,490	4,096	4,112	3,094
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	5,139	5,961
Special Action Office for Drug Abuse Prevention	NA	NA	NA	NA	NA	NA	NA
Tennessee Valley Authority	0	0	0	0	0	0	0
United States Arms Control & Disarmament Agency ¹⁰	221	1,318	943	725	896	455	675
United States Commission on Civil Rights	0	0	0	0	0	0	0
United States Information Agency ¹¹	0	0	0	0	0	0	0
United States International Trade Commission ¹²	0	0	0	0	0	0	0

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

Table 19. Federal obligations to industrial performers for research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1998	1999	2000	Preliminary	
				2001	2002
Total, all agencies	4,632,712	4,579,849	4,801,153	5,454,510	5,706,949
Departments:					
Department of Agriculture, total	10,858	18,492	17,150	20,522	14,103
Agricultural Cooperative Svc	NA	NA	NA	NA	NA
Agricultural Marketing Service	0	0	0	0	0
Agricultural Research Service	0	0	0	0	0
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	8,920	13,913	12,422	16,322	11,903
Economic Research Service	1,900	4,399	4,528	4,000	2,000
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	0	0	0	0
Foreign Agricultural Service	0	0	0	0	0
Forest Service	38	180	200	200	200
Grain Inspection Packers & Stockyards Administration	0	0	0	0	0
Human Nutrition Info Svc	NA	NA	NA	NA	NA
Nat'l Agri Statistics Svc	0	0	0	0	0
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	0	0	0	0	0
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	79,211	81,252	84,574	52,988	39,680
Bureau of the Census	0	0	0	0	0
Economic Development Admin	19	177	68	100	100
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	75,266	79,342	79,625	48,619	36,920
National Oceanic & Atmospheric Administration	3,926	1,733	4,881	4,269	2,660
Nat'l Technical Information Svc	0	0	0	0	0
National Telecommunications & Information Administration	0	0	0	0	0
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 19. Federal obligations to industrial performers for 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	1,369,242	1,424,583	1,761,157	1,823,246	1,789,516
Defense Agencies, total	679,498	705,826	752,600	782,621	918,749
Ballistic Missile Def Org	83,050	64,418	73,629	38,713	14,059
Chemical and Biological Defense ¹	NA	NA	13,373	12,355	17,017
Def Adv Rsch Projects Agcy	434,870	469,831	466,968	477,080	620,795
Defense Info Systems Agcy	0	1,242	1,275	1,145	0
Defense Logistics Agency	0	0	0	0	0
Def Special Weapons Agcy	NA	NA	NA	NA	NA
Def Threat Reduction Agcy	130,687	144,653	152,001	146,153	202,552
Joint Staff	0	0	0	0	0
Nat'l Imagery & Mapping Agcy	0	0	0	0	0
Special Operations Command	9,578	10,460	11,413	14,326	15,377
TRICARE Management Activity ²	NA	NA	6,217	27,292	2,518
Uniformed Services University of the Health Sciences	NA	NA	NA	NA	NA
Washington Headquarters Services	21,313	15,222	27,724	65,557	46,431
Dept of the Air Force, total	236,047	250,105	417,503	368,443	336,937
Department of the Army, total	222,501	218,094	294,963	329,373	241,278
Department of the Army, Civil Functions	0	0	0	0	0
Department of the Army, Military Functions	222,501	218,094	294,963	329,373	241,278
Department of the Navy, total	231,196	250,558	296,091	342,809	292,552
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 19. Federal obligations to industrial performers for research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1998	1999	2000	Preliminary	
				2001	2002
Department of Education	5,158	6,249	6,545	7,162	9,873
Department of Energy	202,914	216,848	188,783	267,274	291,876
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	655,528	662,288	946,389	1,146,547	1,222,834
Admin for Children & Families	2,080	2,453	2,695	2,751	2,809
Administration on Aging	0	75	0	0	0
Agency for Healthcare Research and Quality ³	52,297	43,309	49,640	68,474	77,725
Agency for Toxic Substances Disease & Registry ⁴	NA	NA	10	0	0
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	NA	NA	NA
Centers for Disease Control & Prevention	33,336	1,355	46,893	61,893	57,448
Food & Drug Administration	4,089	2,593	7,947	8,300	8,700
Health Care Financing Admin	38,190	29,929	35,342	79,985	31,845
Health Resources Admin	NA	NA	NA	NA	NA
Health Resources & Svcs Admin	0	0	0	0	0
Health Services Administration	NA	NA	NA	NA	NA
Human Development Services	NA	NA	NA	NA	NA
National Institutes of Health ⁵	524,275	582,012	803,194	924,464	1,043,615
Off of the Asst Sec for Health	NA	NA	NA	NA	NA
Office of the Secretary, total	1,261	562	668	680	692
Office of the Asst Secretary, Planning & Evaluation	1,261	562	668	680	692
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 19. Federal obligations to industrial performers for research, by agency: fiscal years 1970-2002

[Dollars in thousands]

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Agency and subdivision	1998	1999	2000	Preliminary	
				2001	2002
Dept of Housing & Urban Dvlpmt	913	2,847	1,547	1,888	1,534
Department of the Interior, total	11,136	12,495	12,054	10,983	12,171
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	0	0	0	0	0
Federal Water Pollution Control Administration	NA	NA	NA	NA	NA
Geological Survey	1,930	2,197	1,153	0	0
Heritage Conservation & Recreation Service	NA	NA	NA	NA	NA
Minerals Management Service	7,505	8,997	8,820	8,483	9,571
National Biological Service	NA	NA	NA	NA	NA
National Park Service	1,701	1,301	2,081	2,500	2,600
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	10,920	5,018	10,911	13,535	11,850
Bureau of Prisons	0	0	0	0	0
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	10,920	5,018	10,911	13,535	11,850
Office of Legal Policy	0	0	0	0	0
Department of Labor, total	4,108	2,835	4,940	5,037	5,107
Bureau of Apprenticeship & Training	NA	NA	NA	NA	NA
Bureau of Employment Security	NA	NA	NA	NA	NA
Bureau of Labor Statistics	0	0	0	0	0
Employment Standards Admin	0	0	0	0	0
Employment & Training Admin	0	0	0	0	0
Labor-Management Relations & Cooperative Programs	NA	NA	NA	NA	NA
Labor-Management Svcs Admin	NA	NA	NA	NA	NA
Occupational Safety & Health Administration	2,895	2,324	3,788	3,440	3,510
Office of the Secretary	0	25	154	200	200
Pension & Welfare Benefits Administration	1,213	486	998	1,397	1,397
Pension Benefit Guaranty Corp	0	0	0	0	0
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 19. Federal obligations to industrial performers for 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	513	968	933	950	950
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	164,759	163,814	135,377	183,711	173,450
Coast Guard	1,325	945	1,315	2,108	2,023
Federal Aviation Admin	107,989	60,165	69,994	99,725	83,334
Federal Highway Administration	33,975	79,927	44,062	49,729	54,490
Federal Motor Carrier Safety Administration ⁷	NA	NA	1,513	4,403	5,111
Federal Railroad Admin	9,945	8,461	9,432	11,546	12,876
Federal Transit Administration	0	0	0	0	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	10,199	12,914	7,872	14,795	14,501
Office of the Secretary	0	0	0	0	0
Rsch & Special Programs Admin	1,326	1,402	1,189	1,405	1,115
Department of the Treasury, total	13,807	12,066	11,916	10,782	11,042
Bureau of Alcohol, Tobacco, & Firearms	NA	NA	NA	NA	NA
Bureau of Engraving & Printing	0	0	0	0	0
Financial Crimes Enforcement Network	0	0	0	0	0
Internal Revenue Service	12,889	11,893	11,741	9,587	10,066
Office of Thrift Supervision	0	0	0	0	0
United States Customs Service	726	0	0	944	700
United States Mint	0	0	0	0	0
United States Secret Service	192	173	175	251	276
Department of Veterans Affairs	0	0	0	0	0
Other agencies:					
ACTION	0	0	0	0	0
Advisory Commission on Intergovernmental Relations	NA	NA	NA	NA	NA
Appalachian Regional Commission	200	360	280	177	300
Atomic Energy Commission	NA	NA	NA	NA	NA
Broadcasting Board of Governors ⁸	NA	NA	0	0	0
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	66,512	109,231	17,286	22,461	20,780
Fed Communications Commission	0	0	0	0	0
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	0	0	0	0	0
Foundation for Ed Assistance	NA	NA	NA	NA	NA
General Services Administration	0	0	0	0	0
International Development					
Cooperation Agency, total	10,266	9,823	12,500	15,000	15,000
Agcy for Internat'l Dvlpmt	10,266	9,823	12,500	15,000	15,000
Institute for Scientific & Technological Cooperation	0	0	0	0	0
Interstate Commerce Commission	0	0	0	0	0
Library of Congress	0	0	0	1,275	500

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

Table 19. Federal obligations to industrial performers for 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	1,918,670	1,721,578	1,460,632	1,717,790	1,909,289
Nat'l Archives & Records Admin	0	0	0	0	0
National Science Foundation	101,421	89,179	115,475	130,579	130,327
Nuclear Regulatory Commission	3,486	3,361	3,029	4,003	2,967
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	2,415	36,562	9,675	18,600	43,800
Special Action Office for Drug Abuse Prevention	NA	NA	NA	NA	NA
Tennessee Valley Authority	0	0	0	0	0
United States Arms Control & Disarmament Agency ¹⁰	675	0	0	0	0
United States Commission on Civil Rights	0	0	0	0	0
United States Information Agency ¹¹	0	0	NA	NA	NA
United States International Trade Commission ¹²	0	0	0	0	0

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

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

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