

**Table 49. Federal obligations to industrial performers for development, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

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Agency and subdivision	1970	1971	1972	1973	1974	1975	1976
Total, all agencies	6,893,680	6,698,527	6,809,461	6,843,956	6,877,721	7,412,996	8,237,340
Departments:							
Department of Agriculture, total	726	79	12	37	139	256	139
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	0	0	0	0	0	0	0
Economic Research Service	0	0	0	0	0	0	0
Farmer Cooperative Service	0	0	0	0	0	0	0
Statistical Reporting Svc	0	0	0	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	0	0	0	0	0	0	0
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	726	79	12	37	139	256	139
Agricultural Research Svc	726	79	12	37	139	256	139
Cooperative State Rsch Svc	0	0	0	0	0	0	0
Nat'l Agricultural Library	0	0	0	0	0	0	0
Department of Commerce, total	11,358	14,034	12,769	23,490	22,324	21,953	17,199
Bureau of the Census	0	0	0	0	0	0	0
Economic Development Admin	813	729	1,329	953	242	308	432
Env Science Svcs Admin	NA	NA	NA	NA	NA	NA	NA
Maritime Administration	7,667	7,200	1,310	11,567	16,830	14,056	10,912
Minority Business Dvlpmt Agcy	0	0	0	0	0	511	75
National Fire Prevention & Control Administration	NA	NA	NA	NA	NA	0	204
Nat'l Inst of Standards & Tech	0	62	0	78	56	165	99
National Oceanic & Atmospheric Administration	2,878	6,043	10,130	10,692	5,196	6,913	5,477
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	200	0	0	0

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

**Table 49. Federal obligations to industrial performers for development, by agency:
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Agency and subdivision	1970	1971	1972	1973	1974	1975	1976
Department of Defense, total	4,104,854	4,213,936	4,621,182	4,690,390	4,717,513	5,135,932	5,504,596
Defense Agencies, total	56,159	47,594	41,095	54,651	62,158	73,047	108,524
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	1,884,093	1,992,078	2,040,709	2,052,791	2,016,931	2,247,222	2,418,139
Department of the Army, total	871,340	877,817	1,175,960	1,083,527	1,149,047	1,009,000	1,096,125
Department of the Army, Civil Functions	0	0	100	200	250	158	1,539
Department of the Army, Military Functions	871,340	877,817	1,175,860	1,083,327	1,148,797	1,008,842	1,094,586
Department of the Navy, total	1,293,262	1,296,447	1,363,418	1,496,062	1,483,149	1,803,487	1,880,795
Def Civil Preparedness Agcy	0	0	0	0	0	0	0
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	3,359	6,228	3,176	1,013

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

**Table 49. Federal obligations to industrial performers for development, by agency:
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[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	16,130	24,456	33,597	37,050	59,272	48,534	54,767
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	0	0	0	0	2,813
Center for Disease Control	0	0	0	40	0	0	0
Environmental Health Service	0	0	0	0	0	0	0
Food & Drug Administration	0	0	0	0	0	0	0
Health Care Financing Admin	NA	NA	NA	NA	NA	NA	NA
Health Resources Admin	0	0	0	4,657	6,369	1,633	31
Health Services Administration	0	0	0	846	1,301	1,135	0
Hlth Svcs & Mental Health Admin	2,182	4,467	4,336	0	0	0	0
National Inst of Education	0	0	0	1,314	3,919	2,611	3,288
National Institutes of Health	13,221	18,413	27,011	29,789	41,593	39,691	41,869
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	99	0	0	0	0	0
Office of Education	727	1,477	2,250	404	3,315	952	649
Office of Human Dvlpmt Svcs	0	0	0	0	2,775	2,512	3,941
Office of International Health	0	0	0	0	0	NA	NA
Office of the Secretary	0	0	0	0	0	0	0
Social & Rehabilitation Svc	0	0	0	0	0	0	0
Social Security Administration	0	0	0	0	0	0	2,176
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 49. Federal obligations to industrial performers for development, by agency:
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Agency and subdivision	1970	1971	1972	1973	1974	1975	1976
Dept of Housing & Urban Dvlpmt	15,076	33,099	10,561	19,322	9,454	10,060	11,989
Department of the Interior, total	18,881	28,574	36,854	33,349	20,062	32,099	29,472
Bonneville Power Admin	504	510	527	983	390	2,350	2,639
Bureau of Land Management	0	0	0	0	0	0	0
Bureau of Mines	3,850	6,785	11,651	12,350	13,344	26,073	22,358
Bureau of Reclamation	0	0	0	36	7	17	2
Federal Water Pollution Control Administration	NA	NA	NA	NA	NA	NA	NA
Geological Survey	0	0	0	1,542	0	0	0
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	0	0
National Resources Library	NA	NA	NA	NA	NA	0	0
Office of Coal Research	1,875	8,730	9,383	5,475	NA	NA	NA
Office of the Secretary	0	0	736	12,963	0	118	0
Office of Surface Mining Reclamation & Enforcement	0	0	0	NA	NA	NA	NA
Office of Water Research & Technology, total	12,652	12,549	14,557	0	6,321	3,541	4,473
Office of Saline Water	12,652	12,549	14,557	NA	NA	NA	NA
Off of Water Resources Rsch	0	0	0	0	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	797	955	2,915	645	3,351	1,362	1,934
Bureau of Prisons	5	10	25	56	14	73	60
Drug Enforcement Admin	0	0	0	0	1,657	284	850
Fed Bureau of Investigation	82	853	590	589	1,680	997	1,024
Immigration & Naturalization Service	0	0	0	0	0	8	0
Office of Justice Programs	710	92	2,300	0	0	0	0
Office of Legal Policy	0	0	0	0	0	0	0
Department of Labor, total	805	832	735	684	445	1,607	1,602
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	805	827	735	550	445	973	1,602
Labor-Management Relations & Cooperative Programs	NA	NA	NA	NA	NA	NA	NA
Labor-Management Svcs Admin	0	0	0	0	0	0	0
Occupational Safety & Health Administration	0	0	0	134	0	634	0
Office of the Secretary	0	5	0	0	0	0	0
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	27,867	NA	NA	NA	NA	NA	NA

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Agency and subdivision	1970	1971	1972	1973	1974	1975	1976
Department of State, total	110	0	323	546	437	1,202	706
Agy for Internat'l Dvlpmt	110	0	323	0	65	758	266
Bureau of Intelligence & Rsch	0	0	0	0	0	0	0
Departmental Funds	0	0	0	546	372	444	440
Peace Corps	0	0	0	0	0	0	0
Dept of Transportation, total	218,025	323,607	146,439	138,405	175,647	135,344	144,379
Coast Guard	8,320	9,757	20,482	15,804	10,310	8,472	6,906
Federal Aviation Admin	39,669	286,187	59,906	44,356	72,125	57,698	61,444
Federal Highway Administration	636	477	182	9,323	8,310	7,980	6,120
Federal Motor Carrier Safety Administration ⁷	NA	NA	NA	NA	NA	NA	NA
Federal Railroad Admin	255	476	12,079	12,812	19,935	18,242	24,958
Federal Transit Administration	8,853	13,540	32,274	37,152	40,479	28,674	30,229
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	3,592	9,003	13,006	15,038	18,548	8,308	5,934
Office of the Secretary	156,700	4,167	8,510	3,920	5,940	5,970	8,788
Rsch & Special Programs Admin	NA	NA	NA	NA	NA	NA	NA
Department of the Treasury, total	0	0	24	12	0	47	225
Bureau of Alcohol, Tobacco, & Firearms	0	0	0	0	0	0	0
Bureau of Engraving & Printing	0	0	24	12	0	47	142
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	83
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	215	229	198	316	277	321	490
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	0	0	NA	NA	NA	NA	0
Atomic Energy Commission	296,472	262,573	213,697	196,655	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	8,622	0	0
Consumer Product Safety Comm	0	0	0	0	0	0	165
Energy Research & Dvlpmt Admin	0	0	0	0	257,847	441,754	703,812
Energy Security Trust Fund	NA	NA	NA	NA	NA	NA	NA
Environmental Protection Agency ⁴	21,846	35,093	29,149	32,521	27,300	23,345	31,250
Fed Communications Commission	0	0	0	0	0	0	0
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	831	1,065
Federal Trade Commission	0	0	0	0	0	0	0
Foundation for Ed Assistance	NA	NA	NA	NA	NA	NA	NA
General Services Administration	82	24	81	77	233	837	636
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	0	0	27	0	0	67	0

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Agency and subdivision	1970	1971	1972	1973	1974	1975	1976
Nat'l Aeronautics & Space Admin ⁹	2,158,298	1,724,554	1,697,384	1,670,085	1,574,073	1,554,895	1,732,039
Nat'l Archives & Records Admin	NA	NA	NA	NA	NA	NA	NA
National Science Foundation	0	0	1,202	315	720	2,289	859
Nuclear Regulatory Commission	NA	NA	NA	NA	0	0	0
Office of Economic Opportunity	2,072	2,753	2,167	0	NA	NA	NA
Office of Emergency Preparedness	0	0	0	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	0	0	0	261	0
Office of Thrift Supervision	0	0	0	0	0	0	0
Postal Service	NA	33,586	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	0	0	0	0	0	0	NA
Tennessee Valley Authority	0	0	0	0	0	0	0
United States Arms Control & Disarmament Agency ¹⁰	10	143	144	42	0	0	16
United States Commission on Civil Rights	0	0	0	0	0	0	0
United States Information Agency ¹¹	56	0	1	15	5	0	0
United States International Trade Commission ¹²	0	0	0	0	0	0	0

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Agency and subdivision	1977	1978	1979	1980	1981	1982	1983
Total, all agencies	9,349,970	9,748,578	10,410,450	10,891,540	12,909,587	15,035,649	14,905,523
Departments:							
Department of Agriculture, total	1,069	1,115	292	367	521	0	0
Agricultural Cooperative Svc	NA	NA	NA	0	0	0	0
Agricultural Marketing Service	0	0	0	0	0	0	0
Agricultural Research Service	NA	NA	NA	NA	521	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	0	0	0	0	0	0	0
Grain Inspection Packers & Stockyards Administration	0	0	0	0	0	0	0
Human Nutrition Info Svc	NA	NA	NA	NA	0	0	0
Nat'l Agri Statistics Svc	NA	NA	NA	NA	0	0	0
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	1,069	1,115	292	367	NA	NA	NA
Agricultural Research Svc	1,069	1,115	292	367	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	17,240	22,236	18,740	14,299	5,866	6,688	10,125
Bureau of the Census	0	0	0	0	0	0	0
Economic Development Admin	507	1,305	2,211	2,150	1,909	0	0
Env Science Svcs Admin	NA	NA	NA	NA	NA	NA	NA
Maritime Administration	8,988	11,217	6,236	6,536	NA	NA	NA
Minority Business Dvlpmt Agcy	255	0	0	0	0	0	0
National Fire Prevention & Control Administration	157	NA	NA	NA	NA	NA	NA
Nat'l Inst of Standards & Tech	81	381	4,283	2,730	1,619	2,691	879
National Oceanic & Atmospheric Administration	7,252	9,333	6,010	2,883	2,338	3,997	9,246
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	6,404,774	6,608,255	6,944,719	8,052,834	9,819,811	12,573,639	13,331,953
Defense Agencies, total	138,248	156,064	195,006	227,208	282,561	400,111	551,798
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	2,673,032	2,680,388	2,852,767	3,401,820	4,815,635	6,695,631	7,432,621
Department of the Army, total	1,376,538	1,441,939	1,475,825	1,637,118	1,778,221	2,003,598	1,943,021
Department of the Army, Civil Functions	832	760	506	906	1,150	1,185	1,147
Department of the Army, Military Functions	1,375,706	1,441,179	1,475,319	1,636,212	1,777,071	2,002,413	1,941,874
Department of the Navy, total	2,215,138	2,327,117	2,418,565	2,785,291	2,943,394	3,471,828	3,404,095
Def Civil Preparedness Agcy	0	0	NA	NA	NA	NA	NA
Health Affairs, Assistant Secretary of Defense for	NA	NA	NA	NA	NA	NA	NA
Operational Test & Evaluation, Director	NA	NA	NA	NA	NA	NA	NA
Test & Evaluation, Deputy Under Secretary of Defense	1,818	2,747	2,556	1,397	0	2,471	418

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Agency and subdivision	1977	1978	1979	1980	1981	1982	1983
Department of Education	NA	NA	5,745	4,924	0	2,850	1,766
Department of Energy	1,128,701	1,277,247	1,479,672	1,312,148	1,192,077	1,210,438	802,950
Dept of Health, Education, & Welfare, total	51,295	55,230	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	996	1,245	NA	NA	NA	NA	NA
Center for Disease Control	0	0	NA	NA	NA	NA	NA
Environmental Health Service	0	0	NA	NA	NA	NA	NA
Food & Drug Administration	0	0	NA	NA	NA	NA	NA
Health Care Financing Admin	0	0	NA	NA	NA	NA	NA
Health Resources Admin	0	0	NA	NA	NA	NA	NA
Health Services Administration	1,660	2,193	NA	NA	NA	NA	NA
Hlth Svcs & Mental Health Admin	0	0	NA	NA	NA	NA	NA
National Inst of Education	3,827	5,974	NA	NA	NA	NA	NA
National Institutes of Health	40,227	40,402	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	25	108	NA	NA	NA	NA	NA
Office of Child Development	0	0	NA	NA	NA	NA	NA
Office of Education	732	2,228	NA	NA	NA	NA	NA
Office of Human Dvlpmt Svcs	3,828	3,080	NA	NA	NA	NA	NA
Office of International Health	NA	NA	NA	NA	NA	NA	NA
Office of the Secretary	0	0	NA	NA	NA	NA	NA
Social & Rehabilitation Svc	NA	NA	NA	NA	NA	NA	NA
Social Security Administration	0	0	NA	NA	NA	NA	NA
Department of Health & Human Services, total	NA	NA	38,882	50,422	44,792	23,891	26,541
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	0	0	0	0	0
Centers for Disease Control & Prevention	NA	NA	0	0	0	0	0
Food & Drug Administration	NA	NA	0	0	0	0	0
Health Care Financing Admin	NA	NA	0	0	0	0	0
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	2,367	6,875	6,313	4,483	3,536
National Institutes of Health ⁵	NA	NA	35,987	42,994	37,954	18,847	23,005
Off of the Asst Sec for Health	NA	NA	528	553	525	295	0
Office of the Secretary, total	NA	NA	0	0	0	266	0
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	0	0	0	0	0
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 49. Federal obligations to industrial performers for development, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

Agency and subdivision	1977	1978	1979	1980	1981	1982	1983
Dept of Housing & Urban Dvlpmt	4,295	11,600	17,901	16,607	13,699	5,341	994
Department of the Interior, total	26,374	52,160	26,994	26,409	22,155	6,161	4,709
Bonneville Power Admin	0	0	0	0	4,573	NA	NA
Bureau of Land Management	0	0	0	0	0	0	0
Bureau of Mines	24,059	40,676	18,565	15,385	13,227	4,775	3,275
Bureau of Reclamation	0	0	0	200	0	0	0
Federal Water Pollution Control							
Administration	NA	NA	NA	NA	NA	NA	NA
Geological Survey	0	0	0	490	490	490	859
Heritage Conservation &							
Recreation Service	0	NA	NA	NA	NA	NA	NA
Minerals Management Service	NA	NA	NA	NA	NA	0	0
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	0	0	0
Office of Surface Mining							
Reclamation & Enforcement	0	0	0	0	0	0	0
Office of Water Research							
& Technology, total	2,315	11,484	8,123	10,258	3,790	896	575
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	306	76	75	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	4,085	4,724	4,095	4,271	1,868	5,883	6,866
Bureau of Prisons	20	50	0	0	0	0	0
Drug Enforcement Admin	850	1,000	1,200	1,400	600	1,500	1,300
Fed Bureau of Investigation	1,200	1,550	2,855	1,227	425	2,473	2,268
Immigration & Naturalization							
Service	111	31	40	95	29	348	249
Office of Justice Programs	1,904	1,800	0	1,079	761	1,562	3,001
Office of Legal Policy	0	293	0	470	53	0	48
Department of Labor, total	3,156	3,355	11,269	9,430	451	903	997
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	3,156	3,355	11,269	9,430	101	100	234
Labor-Management Relations &							
Cooperative Programs	NA	NA	NA	NA	NA	NA	NA
Labor-Management Svcs Admin	0	0	0	0	0	0	0
Occupational Safety & Health							
Administration	0	0	0	0	0	0	0
Office of the Secretary	0	0	0	0	0	0	0
Pension & Welfare Benefits							
Administration	NA	NA	NA	NA	NA	NA	NA
Pension Benefit Guaranty Corp	NA	NA	NA	NA	350	803	763
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 49. Federal obligations to industrial performers for development, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

Agency and subdivision	1977	1978	1979	1980	1981	1982	1983
Department of State, total	1,224	4,873	340	180	115	0	0
Agcy for Internat'l Dvlpmt	1,024	4,528	NA	NA	NA	NA	NA
Bureau of Intelligence & Rsch	0	0	0	0	0	0	0
Departmental Funds	200	345	340	180	115	0	0
Peace Corps	0	0	0	0	0	0	0
Dept of Transportation, total	141,156	160,220	149,859	122,567	149,100	123,300	141,102
Coast Guard	11,652	15,599	6,800	6,200	2,827	8,215	7,167
Federal Aviation Admin	63,651	67,227	68,918	59,786	70,458	52,801	67,616
Federal Highway Administration	4,514	3,541	3,685	3,527	4,781	8,530	10,157
Federal Motor Carrier Safety Administration ⁷	NA	NA	NA	NA	NA	NA	NA
Federal Railroad Admin	22,264	28,188	23,071	24,512	19,152	8,398	10,271
Federal Transit Administration	26,332	30,267	23,560	7,286	17,719	20,127	15,848
Infrastructure Investment	NA	NA	NA	NA	NA	NA	NA
Maritime Administration	NA	NA	NA	NA	4,040	3,310	7,736
Materials Transportation Bureau	0	0	0	0	0	0	0
National Highway Traffic Safety Administration	3,753	5,618	14,700	16,413	24,020	20,643	20,137
Office of the Secretary	8,990	9,158	6,925	4,526	3,240	376	1,770
Rsch & Special Programs Admin	0	622	2,200	317	2,863	900	400
Department of the Treasury, total	410	1,959	2,943	3,652	4,100	3,736	4,751
Bureau of Alcohol, Tobacco, & Firearms	160	0	829	164	0	NA	NA
Bureau of Engraving & Printing	0	354	970	300	175	803	1,496
Financial Crimes Enforcement Network	0	0	0	0	0	0	0
Internal Revenue Service	0	200	40	3	0	0	33
Office of Thrift Supervision	NA	NA	NA	NA	NA	NA	NA
United States Customs Service	250	1,405	1,104	2,835	3,289	2,933	3,222
United States Mint	0	0	0	0	0	0	0
United States Secret Service	NA	NA	NA	350	636	0	0
Department of Veterans Affairs	146	0	0	0	0	0	0
Other agencies:							
ACTION	0	30	0	0	0	0	0
Advisory Commission on Intergovernmental Relations	0	0	0	0	0	0	0
Appalachian Regional Commission	30	130	170	90	20	0	0
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	1,102	907	483	684	50	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	21,307	41,244	47,530	24,320	27,192	27,424	31,871
Fed Communications Commission	0	0	0	0	0	0	0
Federal Emergency Management Agency, total	NA	296	100	88	88	0	0
Def Civil Preparedness Agcy	NA	NA	0	0	0	0	0
National Fire Prevention & Control Administration	NA	296	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	3,650	NA	NA
General Services Administration	476	440	334	53	0	0	0
International Development Cooperation Agency, total	NA	NA	2,851	1,967	5,323	3,037	4,250
Agcy for Internat'l Dvlpmt	NA	NA	2,851	1,967	5,323	3,037	4,250
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	340	383	500	500	300	430	551

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

**Table 49. Federal obligations to industrial performers for development, 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	1,541,934	1,500,823	1,655,802	1,244,977	1,617,104	1,041,518	535,969
Nat'l Archives & Records Admin	NA	NA	NA	NA	NA	NA	NA
National Science Foundation	626	210	0	0	235	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0
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	500	0	258	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	0	0	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	0	0	0	0	0	0
United States Arms Control & Disarmament Agency ¹⁰	230	1,141	727	751	795	410	128
United States Commission on Civil Rights	0	0	0	0	0	0	0
United States Information Agency ¹¹	0	0	2	0	17	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 49. Federal obligations to industrial performers for development, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

Agency and subdivision	1984	1985	1986	1987	1988	1989	1990
Total, all agencies	16,472,939	19,630,492	21,920,719	24,319,596	24,076,723	25,672,871	26,178,380
Departments:							
Department of Agriculture, total	0	75	0	0	0	0	0
Agricultural Cooperative Svc	0	0	0	0	0	0	0
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	0	0	0
Animal & Plant Health							
Inspection Service	0	0	0	0	0	0	0
Cooperative State Research, Ed. & Extension Service	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0
Grain Inspection Packers & Stockyards Administration	0	75	0	0	0	0	0
Human Nutrition Info Svc	0	0	0	0	0	0	0
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	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	23,946	27,252	21,475	23,815	14,384	16,528	34,721
Bureau of the Census	0	0	0	0	0	0	0
Economic Development Admin	0	0	0	0	0	0	0
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	185	185	110	97	16	57	50
National Oceanic & Atmospheric Administration	23,761	27,067	21,365	23,718	14,368	16,471	34,671
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 49. Federal obligations to industrial performers for development, 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	14,963,421	17,947,509	20,534,571	22,843,812	22,209,955	23,556,950	23,148,790
Defense Agencies, total	254,225	1,307,720	2,828,781	2,783,001	2,868,828	3,440,485	3,104,683
Ballistic Missile Def Org	NA	NA	NA	1,973,329	2,060,005	0	2,072,999
Chemical and Biological Defense ¹	NA	NA	NA	NA	NA	NA	NA
Def Adv Rsch Projects Agcy	NA	NA	NA	241,433	97,153	0	308,121
Defense Info Systems Agcy	NA	NA	NA	118,315	71,009	71,172	104,615
Defense Logistics Agency	NA	NA	NA	3,899	13,930	14,434	13,350
Def Special Weapons Agcy	NA	NA	NA	0	0	380,044	17,946
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	315,245	346,539	2,325,678	262,693
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	287,420	0
Washington Headquarters Services	NA	NA	NA	130,780	280,192	361,737	324,959
Dept of the Air Force, total	8,334,306	9,187,799	9,613,256	11,328,752	11,123,215	11,123,235	11,173,594
Department of the Army, total	2,048,433	1,940,967	2,195,654	2,834,595	2,583,802	3,241,229	3,151,069
Department of the Army, Civil Functions	1,130	1,322	1,345	1,218	1,329	1,495	1,387
Department of the Army, Military Functions	2,047,303	1,939,645	2,194,309	2,833,377	2,582,473	3,239,734	3,149,682
Department of the Navy, total	4,325,244	5,508,738	5,839,254	5,850,533	5,550,496	5,691,703	5,669,757
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	1,213	2,285	57,626	42,779	79,291	48,546	48,300

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

**Table 49. Federal obligations to industrial performers for development, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

Agency and subdivision	1984	1985	1986	1987	1988	1989	1990
Department of Education	1,361	1,549	671	1,150	1,511	4,474	4,358
Department of Energy	689,249	604,516	504,561	468,259	525,824	500,830	604,187
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	41,868	42,665	46,908	60,315	32,011	37,454	44,800
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	0
Agency for Toxic Substances Disease & Registry ⁴	NA	NA	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	0	0	0	0	0	0	0
Centers for Disease Control & Prevention	0	0	0	0	0	0	0
Food & Drug Administration	0	0	0	0	0	0	0
Health Care Financing Admin	0	0	0	0	0	0	0
Health Resources Admin	NA	NA	NA	NA	NA	NA	NA
Health Resources & Svcs Admin	636	120	0	0	0	0	0
Health Services Administration	NA	NA	NA	NA	NA	NA	NA
Human Development Services	3,007	4,251	7,201	6,117	1,822	1,140	835
National Institutes of Health ⁵	38,020	37,727	39,343	53,559	30,189	36,314	43,965
Off of the Asst Sec for Health	0	467	364	639	0	0	0
Office of the Secretary, total	205	100	0	0	0	0	0
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	0	0	0	0	0	0	0
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 49. Federal obligations to industrial performers for development, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

Agency and subdivision	1984	1985	1986	1987	1988	1989	1990
Dept of Housing & Urban Dvlpmt	4,892	1,048	1,379	1,623	2,289	3,354	3,614
Department of the Interior, total	5,028	1,574	4,355	6,418	12,275	12,450	14,474
Bonneville Power Admin	NA	NA	NA	NA	NA	NA	NA
Bureau of Land Management	0	0	0	0	0	0	0
Bureau of Mines	3,072	0	0	0	5,071	3,587	5,517
Bureau of Reclamation	0	0	0	0	0	0	0
Federal Water Pollution Control Administration	NA	NA	NA	NA	NA	NA	NA
Geological Survey	1,956	1,574	4,355	6,418	6,875	8,483	8,782
Heritage Conservation & Recreation Service	NA	NA	NA	NA	NA	NA	NA
Minerals Management Service	0	0	0	0	0	0	0
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	329	380	175
Office of Surface Mining Reclamation & Enforcement	0	0	0	0	0	0	0
Office of Water Research & Technology, total	0	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	4,572	11,900	11,420	10,980	4,104	4,535	4,295
Bureau of Prisons	0	0	0	5	29	0	0
Drug Enforcement Admin	1,000	700	1,200	1,000	1,400	1,223	1,288
Fed Bureau of Investigation	697	8,400	6,100	6,800	0	0	0
Immigration & Naturalization Service	239	180	180	180	0	0	0
Office of Justice Programs	2,636	2,620	3,940	2,995	2,675	3,312	3,007
Office of Legal Policy	0	0	0	0	0	0	0
Department of Labor, total	0	0	199	68	630	433	3,478
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	0	0	0	0	445	0	2,478
Labor-Management Relations & Cooperative Programs	0	0	0	0	0	0	NA
Labor-Management Svcs Admin	NA	NA	NA	NA	NA	NA	NA
Occupational Safety & Health Administration	0	0	0	0	0	0	0
Office of the Secretary	0	0	199	68	185	433	900
Pension & Welfare Benefits Administration	0	0	0	0	0	0	0
Pension Benefit Guaranty Corp	0	0	0	0	0	0	100
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 49. Federal obligations to industrial performers for development, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

Agency and subdivision	1984	1985	1986	1987	1988	1989	1990
Department of State, total	0	0	0	0	0	0	0
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	163,387	176,857	162,770	83,643	70,718	37,768	48,552
Coast Guard	3,242	1,801	2,181	2,280	3,566	3,680	4,367
Federal Aviation Admin	124,480	148,954	138,025	47,506	47,230	13,820	25,464
Federal Highway Administration	11,670	14,454	12,407	25,544	16,202	17,738	16,718
Federal Motor Carrier Safety Administration ⁷	NA	NA	NA	NA	NA	NA	NA
Federal Railroad Admin	942	286	1,758	213	410	136	520
Federal Transit Administration	9,000	4,761	3,661	1,760	0	0	0
Infrastructure Investment	NA	NA	NA	NA	NA	NA	NA
Maritime Administration	606	4,560	1,673	2,014	0	0	0
Materials Transportation Bureau	0	0	0	0	0	0	0
National Highway Traffic Safety Administration	12,770	1,654	1,623	3,903	3,185	1,510	0
Office of the Secretary	495	300	1,412	393	100	864	1,483
Rsch & Special Programs Admin	182	87	30	30	25	20	0
Department of the Treasury, total	2,613	4,749	5,140	7,234	8,828	8,522	5,834
Bureau of Alcohol, Tobacco, & Firearms	NA	NA	NA	NA	NA	NA	NA
Bureau of Engraving & Printing	935	1,100	277	0	133	0	0
Financial Crimes Enforcement Network	0	0	0	0	0	0	0
Internal Revenue Service	2	673	49	94	203	81	119
Office of Thrift Supervision	NA	NA	NA	NA	NA	NA	0
United States Customs Service	1,604	2,035	4,505	6,685	8,393	6,268	5,700
United States Mint	0	529	284	205	99	2,003	15
United States Secret Service	72	412	25	250	0	170	0
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	50	0	0	0	0	0	0
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	393	183	584	348	315	3
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	44,392	55,721	57,834	37,626	43,539	61,554	55,670
Fed Communications Commission	0	0	0	0	0	0	0
Federal Emergency Management Agency, total	1,374	308	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	380	0	243	0	0	0	0
International Development Cooperation Agency, total	3,590	4,799	2,392	1,502	11,874	6,918	761
Agcy for Internat'l Dvlpmt	3,590	4,799	2,392	1,502	11,874	6,918	761
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	375	375	227	160	271	0	0

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

**Table 49. Federal obligations to industrial performers for development, 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	522,415	749,182	565,419	769,075	1,138,162	1,420,786	2,204,803
Nat'l Archives & Records Admin	NA	0	518	12	0	0	40
National Science Foundation	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0
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	0	0	0	0	0	0	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	5	20	0	0	0	0	0
United States Arms Control & Disarmament Agency ¹⁰	21	0	50	0	0	0	0
United States Commission on Civil Rights	0	0	0	0	0	0	0
United States Information Agency ¹¹	0	0	404	3,320	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 49. Federal obligations to industrial performers for development, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

Agency and subdivision	1991	1992	1993	1994	1995	1996	1997
Total, all agencies	23,014,069	26,293,617	26,295,202	26,390,911	25,537,431	26,104,675	27,027,163
Departments:							
Department of Agriculture, total	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0
Grain Inspection Packers & Stockyards Administration	0	0	0	0	0	0	0
Human Nutrition Info Svc	0	0	0	0	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	4,830	19,263	34,416	49,024	167,201	142,166	110,304
Bureau of the Census	0	0	0	0	0	0	0
Economic Development Admin	0	0	0	0	0	0	0
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	3,509	15,827	23,966	28,635	167,032	141,978	110,249
National Oceanic & Atmospheric Administration	1,321	3,436	10,450	20,389	169	188	55
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 49. Federal obligations to industrial performers for development, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

Agency and subdivision	1991	1992	1993	1994	1995	1996	1997
Department of Defense, total	19,736,005	22,668,029	21,891,473	22,013,477	20,839,071	22,253,817	22,825,783
Defense Agencies, total	3,158,741	3,601,416	3,346,368	3,470,305	3,701,257	3,996,329	4,184,560
Ballistic Missile Def Org	1,625,774	2,365,596	2,319,126	1,751,605	1,679,667	2,050,998	2,411,254
Chemical and Biological Defense ¹	NA	NA	NA	NA	NA	NA	NA
Def Adv Rsch Projects Agcy	336,436	327,164	429,643	1,109,788	931,925	1,011,946	773,157
Defense Info Systems Agcy	114,702	87,038	66,857	58,824	46,479	30,124	30,465
Defense Logistics Agency	3,668	21,215	6,207	10,092	12,657	20,710	19,456
Def Special Weapons Agcy	45,709	48,197	31,452	22,331	22,128	16,442	15,111
Def Threat Reduction Agcy	NA	NA	NA	NA	NA	NA	NA
Joint Staff	0	0	3,900	1,278	498	0	0
Nat'l Imagery & Mapping Agcy	227,406	230,851	55,824	60,156	71,177	0	0
Special Operations Command	77,356	129,352	92,877	161,194	134,473	98,621	80,775
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	727,690	392,003	340,482	295,037	802,253	767,488	854,342
Dept of the Air Force, total	9,311,052	11,458,080	10,767,984	10,781,529	9,904,415	11,033,993	12,104,099
Department of the Army, total	3,322,969	3,481,794	2,813,874	2,730,998	2,476,107	2,250,188	2,062,289
Department of the Army, Civil Functions	1,700	2,249	1,986	2,066	2,250	1,174	1,361
Department of the Army, Military Functions	3,321,269	3,479,545	2,811,888	2,728,932	2,473,857	2,249,014	2,060,928
Department of the Navy, total	3,840,805	4,008,262	4,890,551	5,022,293	4,725,519	4,940,641	4,454,759
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	805	0	0	10	0	0	8,167
Test & Evaluation, Deputy Under Secretary of Defense	101,633	118,477	72,696	8,342	31,773	32,666	11,909

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

**Table 49. Federal obligations to industrial performers for development, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

Agency and subdivision	1991	1992	1993	1994	1995	1996	1997
Department of Education	2,713	2,614	2,538	3,102	3,808	3,449	7,215
Department of Energy	645,733	730,630	1,276,342	1,355,297	1,401,359	948,963	1,056,617
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	44,938	55,967	52,988	53,319	84,514	81,530	90,343
Admin for Children & Families	870	35	0	0	0	0	0
Administration on Aging	0	0	0	0	2,016	84	0
Agency for Healthcare Research and Quality ³	0	0	0	0	0	0	0
Agency for Toxic Substances Disease & Registry ⁴	NA	NA	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	0	NA	NA	NA	NA	NA	NA
Centers for Disease Control & Prevention	0	0	0	0	0	0	0
Food & Drug Administration	0	0	0	0	0	0	0
Health Care Financing Admin	0	0	0	0	0	0	0
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	44,068	55,932	52,988	53,319	82,498	81,446	90,343
Off of the Asst Sec for Health	0	0	0	0	0	NA	NA
Office of the Secretary, total	0	0	0	0	0	0	0
Office of the Asst Secretary, Planning & Evaluation	NA	NA	NA	NA	NA	0	0
Off of Public Hlth & Science	NA	NA	NA	NA	NA	0	0
Social Security Administration	0	0	0	0	0	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 49. Federal obligations to industrial performers for development, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

Agency and subdivision	1991	1992	1993	1994	1995	1996	1997
Dept of Housing & Urban Dvlpmt	8,508	2,694	3,774	7,146	5,198	7,762	3,765
Department of the Interior, total	16,084	13,075	10,228	12,672	9,681	1,986	1,942
Bonneville Power Admin	NA	NA	NA	NA	NA	NA	NA
Bureau of Land Management	0	0	0	0	0	0	0
Bureau of Mines	2,125	707	1,135	1,949	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	13,494	11,743	8,968	10,700	9,643	1,986	1,942
Heritage Conservation & Recreation Service	NA	NA	NA	NA	NA	NA	NA
Minerals Management Service	0	0	0	0	0	0	0
National Biological Service	NA	NA	0	0	0	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	465	625	125	23	38	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	5,573	6,735	1,774	1,954	469	2,256	548
Bureau of Prisons	50	25	0	0	0	0	0
Drug Enforcement Admin	900	780	670	650	350	700	18
Fed Bureau of Investigation	0	0	0	0	0	0	0
Immigration & Naturalization Service	0	0	0	0	0	0	0
Office of Justice Programs	4,623	5,930	1,104	1,304	119	1,556	530
Office of Legal Policy	0	0	0	0	0	0	0
Department of Labor, total	9,586	2,954	7,099	10,748	3,992	6,487	3,930
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	8,144	2,100	5,000	9,000	2,063	6,000	3,517
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	0	0	0	0	0	0	0
Office of the Secretary	1,342	854	1,594	908	1,413	50	0
Pension & Welfare Benefits Administration	0	0	0	0	0	0	0
Pension Benefit Guaranty Corp	100	0	505	840	516	437	413
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 49. Federal obligations to industrial performers for development, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

Agency and subdivision	1991	1992	1993	1994	1995	1996	1997
Department of State, total	0	0	0	0	0	0	0
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	38,508	54,580	70,112	143,197	172,916	87,468	36,503
Coast Guard	5,406	4,221	6,896	4,662	4,149	4,210	4,825
Federal Aviation Admin	5,999	14,118	38,950	97,282	91,439	61,386	22,675
Federal Highway Administration	25,910	34,513	22,382	38,345	74,488	19,773	7,404
Federal Motor Carrier Safety Administration ⁷	NA	NA	NA	NA	NA	NA	NA
Federal Railroad Admin	473	793	731	540	1,000	754	300
Federal Transit Administration	0	0	0	350	388	288	100
Infrastructure Investment	NA	NA	NA	0	NA	NA	NA
Maritime Administration	0	0	0	0	0	0	0
Materials Transportation Bureau	0	0	0	0	0	0	0
National Highway Traffic Safety Administration	0	0	0	0	0	0	0
Office of the Secretary	505	618	507	415	500	0	0
Rsch & Special Programs Admin	215	317	646	1,603	952	1,057	1,199
Department of the Treasury, total	3,153	2,002	2,868	2,726	6,515	4,441	3,941
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	119	119	0	0	0	1,546	983
Office of Thrift Supervision	0	0	0	0	0	0	0
United States Customs Service	3,034	1,883	2,775	2,195	6,245	2,895	2,950
United States Mint	0	0	93	531	270	0	8
United States Secret Service	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0
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	85	38	83	0	3	0	0
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	35,367	24,178	71,810	53,742	40,793	22,132	12,539
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	268	579	364	1,386	1,073	300	458
Agy for Internat'l Dvlpmt	268	579	364	1,386	1,073	300	458
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	1,327

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

**Table 49. Federal obligations to industrial performers for development, 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	2,462,718	2,710,279	2,869,333	2,683,121	2,800,838	2,541,918	2,871,948
Nat'l Archives & Records Admin	0	0	0	0	0	0	0
National Science Foundation	0	0	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0	0	0
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	0	0
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	0	0	0	0	0	0	0
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 49. Federal obligations to industrial performers for development, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1998	1999	2000	Preliminary	
				2001	2002
Total, all agencies	27,365,899	27,321,807	22,934,397	24,868,836	24,108,012
Departments:					
Department of Agriculture, total	0	0	0	0	0
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	0	0	0	0	0
Economic Research Service	0	0	0	0	0
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	0	0	0	0	0
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	72,722	76,896	77,168	46,162	34,478
Bureau of the Census	0	0	0	0	0
Economic Development Admin	0	0	0	0	0
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	72,722	76,896	77,168	46,162	34,478
National Oceanic & Atmospheric Administration	0	0	0	0	0
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 49. Federal obligations to industrial performers for development, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1998	1999	2000	Preliminary	
				2001	2002
Department of Defense, total	22,968,030	23,195,871	20,467,847	22,302,372	21,684,244
Defense Agencies, total	4,291,527	3,640,472	3,430,147	4,762,986	3,985,837
Ballistic Missile Def Org	2,453,536	2,298,846	2,127,874	3,275,794	2,346,747
Chemical and Biological Defense ¹	NA	NA	123,657	118,287	121,798
Def Adv Rsch Projects Agcy	750,014	682,544	568,638	567,213	697,297
Defense Info Systems Agcy	32,763	56,757	44,739	102,522	131,664
Defense Logistics Agency	32,771	21,528	24,928	46,773	15,300
Def Special Weapons Agcy	NA	NA	NA	NA	NA
Def Threat Reduction Agcy	53,242	88,307	67,867	68,771	87,726
Joint Staff	0	0	0	0	0
Nat'l Imagery & Mapping Agcy	0	0	0	0	0
Special Operations Command	86,973	113,551	123,898	141,876	158,594
TRICARE Management Activity ² ..	NA	NA	0	62,800	62,286
Uniformed Services University of the Health Sciences	NA	NA	NA	NA	NA
Washington Headquarters Services	882,228	378,939	348,546	378,950	364,425
Dept of the Air Force, total	11,564,064	12,280,303	9,063,791	8,687,754	8,253,280
Department of the Army, total	2,660,145	2,410,603	2,825,629	3,577,705	3,897,585
Department of the Army, Civil Functions	0	0	0	0	0
Department of the Army, Military Functions	2,660,145	2,410,603	2,825,629	3,577,705	3,897,585
Department of the Navy, total	4,431,813	4,705,870	4,994,639	5,165,778	5,443,248
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	8,253	16,168	3,076	93,147	104,294
Test & Evaluation, Deputy Under Secretary of Defense	12,228	142,455	150,565	15,002	0

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

Table 49. Federal obligations to industrial performers for development, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1998	1999	2000	Preliminary	
				2001	2002
Department of Education	10,138	7,879	8,414	8,357	8,499
Department of Energy	1,083,921	760,929	726,228	864,408	786,963
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	265,454	321,061	370,543	469,628	487,462
Admin for Children & Families	0	0	0	0	0
Administration on Aging	228	1,512	0	0	0
Agency for Healthcare Research and Quality ³	0	0	0	0	0
Agency for Toxic Substances Disease & Registry ⁴	NA	NA	0	0	0
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	NA	NA	NA
Centers for Disease Control & Prevention	0	0	0	0	0
Food & Drug Administration	0	0	0	0	0
Health Care Financing Admin	0	0	0	0	0
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	102,237	113,496	0	0	0
Off of the Asst Sec for Health	NA	NA	NA	NA	NA
Office of the Secretary, total	0	0	0	0	0
Office of the Asst Secretary, Planning & Evaluation	0	0	0	0	0
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	162,989	206,053	370,543	469,628	487,462

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

Table 49. Federal obligations to industrial performers for development, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1998	1999	2000	Preliminary	
				2001	2002
Dept of Housing & Urban Dvlpmt	5,594	8,801	11,315	13,175	10,816
Department of the Interior, total	2,895	3,293	2,213	0	0
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	2,895	3,293	2,213	0	0
Heritage Conservation & Recreation Service	NA	NA	NA	NA	NA
Minerals Management Service	0	0	0	0	0
National Biological Service	NA	NA	NA	NA	NA
National Park Service	0	0	0	0	0
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	1,479	0	700	800	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	300	250	300
Office of Justice Programs	1,479	0	400	550	550
Office of Legal Policy	0	0	0	0	0
Department of Labor, total	356	1,017	1,405	1,298	1,299
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	0	0	0	0	0
Office of the Secretary	0	600	975	900	900
Pension & Welfare Benefits Administration	0	0	0	0	0
Pension Benefit Guaranty Corp	356	417	430	398	399
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 49. Federal obligations to industrial performers for development, 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	0	0	0	0	0
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	26,334	49,777	73,390	125,471	88,495
Coast Guard	5,825	4,535	5,867	6,525	6,259
Federal Aviation Admin	9,617	30,599	47,148	87,661	62,407
Federal Highway Administration	9,994	11,667	17,822	25,049	15,933
Federal Motor Carrier Safety Administration ⁷	NA	NA	51	163	189
Federal Railroad Admin	156	150	1,963	3,726	2,163
Federal Transit Administration	0	2,331	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	0	0	0	0	0
Office of the Secretary	0	60	0	0	0
Rsch & Special Programs Admin	742	435	539	2,347	1,544
Department of the Treasury, total	7,708	10,897	7,274	6,778	8,659
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	2,237	5,858	5,265	4,722	4,959
Office of Thrift Supervision	0	0	0	0	0
United States Customs Service	5,416	4,305	900	1,306	3,200
United States Mint	55	734	1,109	750	500
United States Secret Service	0	0	0	0	0
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	0	0	0	0	0
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	24,823	40,767	3,852	4,344	3,981
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	391	196	150	150	150
Agcy for Internat'l Dvlpmt	391	196	150	150	150
Institute for Scientific & Technological Cooperation	0	0	0	0	0
Interstate Commerce Commission	0	0	0	0	0
Library of Congress	637	575	258	195	675

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

Table 49. Federal obligations to industrial performers for development, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1998	1999	2000	Preliminary	
				2001	2002
Nat'l Aeronautics & Space Admin ⁹	2,895,417	2,843,848	1,183,640	1,025,698	991,441
Nat'l Archives & Records Admin	0	0	0	0	0
National Science Foundation	0	0	0	0	0
Nuclear Regulatory Commission	0	0	0	0	0
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	0	0	0	0	0
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	0	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