

Table 43. Federal obligations to FFRDCs administered by universities and colleges for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1970	1971	1972	1973	1974	1975	1976
Total, all agencies	145,588	131,217	143,956	126,182	150,868	167,964	263,394
Departments:							
Department of Agriculture, total	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0
Agricultural Research Svc	0	0	0	0	0	0	0
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	0	35	0	0	0	73	207
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	0	0	0	0	0	0	0
Minority Business Dvlpmt Agcy	0	0	0	0	0	0	0
National Fire Prevention & Control Administration	NA	NA	NA	NA	NA	0	0
Nat'l Inst of Standards & Tech	0	0	0	0	0	0	0
National Oceanic & Atmospheric Administration	0	35	0	0	0	73	207
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	0	0	0	0

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

Table 43. Federal obligations to FFRDCs administered by universities and colleges for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1970	1971	1972	1973	1974	1975	1976
Department of Defense, total	38,493	28,732	39,566	28,678	36,748	44,243	43,007
Defense Agencies, total	20,972	15,909	20,204	18,224	20,069	29,203	23,951
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	200	250	280	304	564	212	744
Department of the Army, total	2,951	115	4,858	78	431	2,191	102
Department of the Army, Civil Functions	40	15	0	0	0	0	0
Department of the Army, Military Functions	2,911	100	4,858	78	431	2,191	102
Department of the Navy, total	14,350	12,418	14,224	10,072	15,684	12,637	18,210
Def Civil Preparedness Agcy	20	40	0	0	0	0	0
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	0	0	0	0	0	0	0

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

Table 43. Federal obligations to FFRDCs administered by universities and colleges for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1970	1971	1972	1973	1974	1975	1976
Department of Education	NA	NA	NA	NA	NA	NA	NA
Department of Energy	NA	NA	NA	NA	NA	NA	NA
Dept of Health, Education, & Welfare, total	3,333	4,405	3,888	533	1,721	2,741	2,823
Alcohol, Drug Abuse, & Mental Health Administration	NA	NA	0	0	0	0	0
Center for Disease Control	0	0	0	0	0	0	0
Environmental Health Service	0	0	0	0	0	0	0
Food & Drug Administration	0	0	4	0	0	0	0
Health Care Financing Admin	NA	NA	NA	NA	NA	NA	NA
Health Resources Admin	0	0	0	0	0	0	0
Health Services Administration	0	0	0	0	0	0	0
Hlth Svcs & Mental Health Admin	0	0	0	0	0	0	0
National Inst of Education	0	0	0	0	0	0	0
National Institutes of Health	0	218	265	533	1,721	2,741	2,823
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	0	0	0	0	0	0
Office of Education	3,333	4,187	3,619	0	0	0	0
Office of Human Dvlpmnt Svcs	0	0	0	0	0	0	0
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	0
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 43. Federal obligations to FFRDCs administered by universities and colleges for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1970	1971	1972	1973	1974	1975	1976
Dept of Housing & Urban Dvlpmt	0	550	400	530	0	0	0
Department of the Interior, total	0	0	107	0	0	5	0
Bonneville Power Admin	0	0	0	0	0	0	0
Bureau of Land Management	0	0	0	0	0	0	0
Bureau of Mines	0	0	107	0	0	0	0
Bureau of Reclamation	0	0	0	0	0	0	0
Federal Water Pollution Control							
Administration	NA	NA	NA	NA	NA	NA	NA
Geological Survey	0	0	0	0	0	5	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	0	0	0	0	NA	NA	NA
Office of the Secretary	0	0	0	0	0	0	0
Office of Surface Mining Reclamation & Enforcement	0	0	0	NA	NA	NA	NA
Office of Water Research & Technology, total	0	0	0	0	0	0	0
Office of Saline Water	0	0	0	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	0	0	19	0	0	0	0
Bureau of Prisons	0	0	0	0	0	0	0
Drug Enforcement Admin	0	0	0	0	0	0	0
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	0	0	19	0	0	0	0
Office of Legal Policy	0	0	0	0	0	0	0
Department of Labor, total	0	0	0	0	349	264	130
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	0	0	0	0	0	0	0
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	349	264	130
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	0	NA	NA	NA	NA	NA	NA

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

Table 43. Federal obligations to FFRDCs administered by universities and colleges for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1970	1971	1972	1973	1974	1975	1976
Department of State, total	0	0	0	5	0	0	0
Agcy for Internat'l Dvlpmt	0	0	0	0	0	0	0
Bureau of Intelligence & Rsch	0	0	0	0	0	0	0
Departmental Funds	0	0	0	5	0	0	0
Peace Corps	0	0	0	0	0	0	0
Dept of Transportation, total	160	250	744	978	224	109	10
Coast Guard	0	0	0	0	0	0	0
Federal Aviation Admin	0	0	0	123	0	0	0
Federal Highway Administration	0	100	104	0	0	0	0
Federal Motor Carrier Safety Administration ⁷	NA	NA	NA	NA	NA	NA	NA
Federal Railroad Admin	0	0	266	250	0	0	0
Federal Transit Administration	0	0	374	486	170	57	10
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	0	0	0	0	0	0	0
Office of the Secretary	160	150	0	119	54	52	0
Rsch & Special Programs Admin	NA	NA	NA	NA	NA	NA	NA
Department of the Treasury, total	0	0	0	0	0	0	0
Bureau of Alcohol, Tobacco, & Firearms	0	0	0	0	0	0	0
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	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	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	0	0	NA	NA	NA	NA	0
Atomic Energy Commission	72,571	74,830	72,677	78,328	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	0	0
Energy Research & Dvlpmt Admin	0	0	0	0	93,261	90,866	186,035
Energy Security Trust Fund	NA	NA	NA	NA	NA	NA	NA
Environmental Protection Agency ⁴	219	0	0	88	0	0	0
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 Agcy	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	0	0
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	NA	NA	NA	NA	NA	NA	NA
Agcy 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	0	0	0	0	0

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

Table 43. Federal obligations to FFRDCs administered by universities and colleges for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1970	1971	1972	1973	1974	1975	1976
Nat'l Aeronautics & Space Admin ⁹	29,147	20,998	22,386	13,797	11,471	20,614	16,724
Nat'l Archives & Records Admin	NA	NA	NA	NA	NA	NA	NA
National Science Foundation	1,665	1,417	4,169	3,245	5,677	2,681	2,958
Nuclear Regulatory Commission	NA	NA	NA	NA	1,417	6,368	11,500
Office of Economic Opportunity	0	0	0	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	0	0
Office of Thrift Supervision	0	0	0	0	0	0	0
Postal Service	NA	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	0	0	0	0	0	0	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 43. Federal obligations to FFRDCs administered by universities and colleges for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1977	1978	1979	1980	1981	1982	1983
Total, all agencies	346,185	358,078	406,994	414,331	450,037	539,997	646,095
Departments:							
Department of Agriculture, total	0	0	0	0	0	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	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	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	0	0	0	0	NA	NA	NA
Agricultural Research Svc	0	0	0	0	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	821	126	270	383	623	802	834
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	0	0	0	0	NA	NA	NA
Minority Business Dvlpmt Agcy	0	0	0	0	0	0	0
National Fire Prevention & Control Administration	0	NA	NA	NA	NA	NA	NA
Nat'l Inst of Standards & Tech	0	0	0	0	0	0	52
National Oceanic & Atmospheric Administration	821	126	270	383	623	802	782
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 43. Federal obligations to FFRDCs administered by universities and colleges for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1977	1978	1979	1980	1981	1982	1983
Department of Defense, total	79,802	51,948	55,914	31,150	34,837	68,137	72,569
Defense Agencies, total	18,495	16,943	17,764	25,931	29,813	64,760	65,394
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	1,121	19,600	19,700	0	0	842	603
Department of the Army, total	195	2,236	1,729	2,640	1,074	1,771	3,027
Department of the Army, Civil Functions	0	0	0	0	0	0	0
Department of the Army, Military Functions	195	2,236	1,729	2,640	1,074	1,771	3,027
Department of the Navy, total	59,991	13,169	16,721	2,579	3,950	764	3,545
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	0	0	0	0	0	0	0

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

Table 43. Federal obligations to FFRDCs administered by universities and colleges for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1977	1978	1979	1980	1981	1982	1983
Department of Education	NA	NA	0	0	0	0	0
Department of Energy	219,618	261,473	299,225	320,574	350,508	398,066	475,111
Dept of Health, Education, & Welfare, total	3,155	4,133	NA	NA	NA	NA	NA
Alcohol, Drug Abuse, & Mental Health Administration	0	0	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	0	0	NA	NA	NA	NA	NA
Hlth Svcs & Mental Health Admin	0	0	NA	NA	NA	NA	NA
National Inst of Education	0	0	NA	NA	NA	NA	NA
National Institutes of Health	3,155	4,133	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	0	0	NA	NA	NA	NA	NA
Office of Child Development	0	0	NA	NA	NA	NA	NA
Office of Education	0	0	NA	NA	NA	NA	NA
Office of Human Dvlpmt Svcs	0	0	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	2,787	3,440	4,876	2,981	2,593
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	0	0	0	0	0
National Institutes of Health ⁵	NA	NA	2,787	3,440	4,876	2,981	2,593
Off of the Asst Sec for Health	NA	NA	0	0	0	0	0
Office of the Secretary, total	NA	NA	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	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 43. Federal obligations to FFRDCs administered by universities and colleges for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1977	1978	1979	1980	1981	1982	1983
Dept of Housing & Urban Dvlpmt	0	0	0	0	0	0	0
Department of the Interior, total	0	156	220	107	1,412	57	40
Bonneville Power Admin	0	0	0	0	0	NA	NA
Bureau of Land Management	0	0	0	0	0	0	0
Bureau of Mines	0	0	150	100	85	57	0
Bureau of Reclamation	0	0	0	0	0	0	0
Federal Water Pollution Control Administration	NA	NA	NA	NA	NA	NA	NA
Geological Survey	0	0	0	0	931	0	40
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	156	0	0	0	0	0
Office of Water Research & Technology, total	0	0	0	0	0	0	0
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	70	7	396	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	0	0	0	0	0	0	0
Bureau of Prisons	0	0	0	0	0	0	0
Drug Enforcement Admin	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0
Office of Legal Policy	0	0	0	0	0	0	0
Department of Labor, total	25	3	35	0	0	300	0
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	3	10	0	0	0	0
Employment & Training Admin	0	0	0	0	0	300	0
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	25	0	25	0	0	0	0
Pension & Welfare Benefits Administration	NA	NA	NA	NA	NA	NA	NA
Pension Benefit Guaranty Corp	NA	NA	NA	NA	0	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 43. Federal obligations to FFRDCs administered by universities and colleges for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1977	1978	1979	1980	1981	1982	1983
Department of State, total	0	0	0	20	0	0	0
Agy for Internat'l Dvlpmt	0	0	NA	NA	NA	NA	NA
Bureau of Intelligence & Rsch	0	0	0	0	0	0	0
Departmental Funds	0	0	0	20	0	0	0
Peace Corps	0	0	0	0	0	0	0
Dept of Transportation, total	0	0	0	0	200	12	62
Coast Guard	0	0	0	0	200	12	62
Federal Aviation Admin	0	0	0	0	0	0	0
Federal Highway Administration	0	0	0	0	0	0	0
Federal Motor Carrier Safety Administration ⁷	NA	NA	NA	NA	NA	NA	NA
Federal Railroad Admin	0	0	0	0	0	0	0
Federal Transit Administration	0	0	0	0	0	0	0
Infrastructure Investment	NA	NA	NA	NA	NA	NA	NA
Maritime Administration	NA	NA	NA	NA	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	0	0	0	0	0	0	0
Rsch & Special Programs Admin	0	0	0	0	0	0	0
Department of the Treasury, total	0	0	28	26	0	0	0
Bureau of Alcohol, Tobacco, & Firearms	0	0	28	26	0	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	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	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	0	0
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	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	0	0	0	0	0	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	0	0	0	0	0	0	0
Fed Communications Commission	0	0	0	0	0	0	0
Federal Emergency Management Agency, total	NA	51	0	0	264	935	604
Def Civil Preparedness Agcy	NA	NA	0	0	0	0	0
National Fire Prevention & Control Administration	NA	51	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	0	NA	NA
General Services Administration	0	0	0	0	0	0	0
International Development Cooperation Agency, total	NA	NA	0	0	0	0	0
Agy for Internat'l Dvlpmt	NA	NA	0	0	0	0	0
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 43. Federal obligations to FFRDCs administered by universities and colleges for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1977	1978	1979	1980	1981	1982	1983
Nat'l Aeronautics & Space Admin ⁹	18,590	18,473	23,381	31,404	23,647	36,876	61,099
Nat'l Archives & Records Admin	NA	NA	NA	NA	NA	NA	NA
National Science Foundation	1,959	199	242	117	200	24	235
Nuclear Regulatory Commission	22,205	21,354	24,696	26,688	33,186	31,771	32,858
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	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	0	0	0	0	0	0	0
United States Arms Control & Disarmament Agency ¹⁰	10	162	196	422	284	36	90
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 43. Federal obligations to FFRDCs administered by universities and colleges for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1984	1985	1986	1987	1988	1989	1990
Total, all agencies	667,042	697,085	567,565	564,339	575,016	605,367	564,281
Departments:							
Department of Agriculture, total	0	0	0	0	0	10	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	0	0	0	0	10	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	478	420	1,646	185	82	0	4
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	138	70	0	0	1	0	4
National Oceanic & Atmospheric Administration	340	350	1,646	185	81	0	0
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 43. Federal obligations to FFRDCs administered by universities and colleges for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1984	1985	1986	1987	1988	1989	1990
Department of Defense, total	64,265	75,120	72,928	77,763	69,620	83,460	66,711
Defense Agencies, total	57,929	57,718	61,151	66,073	58,021	67,619	58,780
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	50,788	45,677	17,446	41,879
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	15,285	12,344	0	16,901
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 Washington Headquarters Services	NA	NA	NA	0	0	0	0
Washington Headquarters Services	NA	NA	NA	0	0	50,173	0
Dept of the Air Force, total	0	0	0	0	0	0	0
Department of the Army, total	3,856	10,347	8,205	5,986	6,267	12,606	2,990
Department of the Army, Civil Functions	0	0	0	0	0	0	0
Department of the Army, Military Functions	3,856	10,347	8,205	5,986	6,267	12,606	2,990
Department of the Navy, total	2,480	7,055	3,572	5,704	5,332	3,235	4,941
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 43. Federal obligations to FFRDCs administered by universities and colleges for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1984	1985	1986	1987	1988	1989	1990
Department of Education	0	0	0	0	0	0	0
Department of Energy	493,638	487,768	352,528	355,376	367,975	369,523	352,785
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	3,536	4,268	5,701	6,756	7,717	7,994	8,091
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	0	0	0	0	0	0	0
Health Services Administration	NA	NA	NA	NA	NA	NA	NA
Human Development Services	0	0	0	0	0	0	0
National Institutes of Health ⁵	3,536	4,268	5,701	6,756	7,717	7,994	8,091
Off of the Asst Sec for Health	0	0	0	0	0	0	0
Office of the Secretary, total	0	0	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 43. Federal obligations to FFRDCs administered by universities and colleges for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1984	1985	1986	1987	1988	1989	1990
Dept of Housing & Urban Dvlpmt	0	0	0	0	0	0	0
Department of the Interior, total	0	195	0	204	0	0	0
Bonneville Power Admin	NA	NA	NA	NA	NA	NA	NA
Bureau of Land Management	0	0	0	0	0	0	0
Bureau of Mines	0	0	0	204	0	0	0
Bureau of Reclamation	0	0	0	0	0	0	0
Federal Water Pollution Control							
Administration	NA	NA	NA	NA	NA	NA	NA
Geological Survey	0	0	0	0	0	0	0
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	0	0	0
Office of Surface Mining Reclamation & Enforcement	0	195	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	0	0	0	0	0	0	0
Bureau of Prisons	0	0	0	0	0	0	0
Drug Enforcement Admin	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0
Office of Legal Policy	0	0	0	0	0	0	0
Department of Labor, total	0	0	0	0	0	0	0
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	0	0	0
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	0	0	0	0	0
Pension & Welfare Benefits Administration	0	0	0	0	0	0	0
Pension Benefit Guaranty Corp	0	0	0	0	0	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 43. Federal obligations to FFRDCs administered by universities and colleges for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1984	1985	1986	1987	1988	1989	1990
Department of State, total	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	225	0	245	325	87	100	0
Coast Guard	25	0	0	0	0	0	0
Federal Aviation Admin	0	0	0	0	0	0	0
Federal Highway Administration	0	0	245	0	32	0	0
Federal Motor Carrier Safety Administration ⁷	NA	NA	NA	NA	NA	NA	NA
Federal Railroad Admin	0	0	0	0	0	0	0
Federal Transit Administration	0	0	0	0	0	0	0
Infrastructure Investment	NA	NA	NA	NA	NA	NA	NA
Maritime Administration	200	0	0	0	0	0	0
Materials Transportation Bureau	0	0	0	0	0	0	0
National Highway Traffic Safety Administration	0	0	0	325	55	100	0
Office of the Secretary	0	0	0	0	0	0	0
Rsch & Special Programs Admin	0	0	0	0	0	0	0
Department of the Treasury, total	0	50	0	69	0	175	227
Bureau of Alcohol, Tobacco, & Firearms	NA	NA	NA	NA	NA	NA	NA
Bureau of Engraving & Printing	0	50	0	69	0	175	227
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	0
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	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	0	0
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	0	0	0	0	0	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	0	0	0	0	0	0	0
Fed Communications Commission	0	0	0	0	0	0	0
Federal Emergency Management Agency, total	1,789	833	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	0	0	0	0	0	0	0
Agy for Internat'l Dvlpmt	0	0	0	0	0	0	0
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 43. Federal obligations to FFRDCs administered by universities and colleges for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1984	1985	1986	1987	1988	1989	1990
Nat'l Aeronautics & Space Admin ⁹	70,269	102,756	108,864	98,287	106,962	121,724	119,776
Nat'l Archives & Records Admin	NA	0	0	0	130	0	20
National Science Foundation	35	138	226	202	387	259	104
Nuclear Regulatory Commission	32,632	25,337	23,702	25,117	22,036	22,047	16,538
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	0	0	0	0	0	0	0
United States Arms Control & Disarmament Agency ¹⁰	175	200	225	55	20	75	25
United States Commission on Civil Rights	0	0	0	0	0	0	0
United States Information Agency ¹¹	0	0	1,500	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 43. Federal obligations to FFRDCs administered by universities and colleges for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1991	1992	1993	1994	1995	1996	1997
Total, all agencies	854,676	957,629	896,759	845,075	794,768	863,986	998,824
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	3	2	3	285	4	163	28
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	2	3	275	4	163	3
National Oceanic & Atmospheric Administration	0	0	0	10	0	0	25
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 43. Federal obligations to FFRDCs administered by universities and colleges for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1991	1992	1993	1994	1995	1996	1997
Department of Defense, total	64,544	59,303	101,416	68,869	62,841	57,843	65,195
Defense Agencies, total	56,494	38,411	96,061	62,568	52,347	55,502	60,612
Ballistic Missile Def Org	0	0	11,313	4,626	4,878	8,408	9,663
Chemical and Biological Defense ¹	NA	NA	NA	NA	NA	NA	NA
Def Adv Rsch Projects Agcy	41,558	20,761	52,098	37,832	34,704	21,351	32,051
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	14,936	17,650	31,950	15,649	12,765	12,030	4,349
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	0	0	0	0	0
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	0	700	4,461	0	13,713	14,549
Dept of the Air Force, total	638	689	617	1,100	4,813	528	67
Department of the Army, total	4,215	16,360	3,808	4,310	2,362	672	540
Department of the Army, Civil Functions	0	0	0	0	0	0	0
Department of the Army, Military Functions	4,215	16,360	3,808	4,310	2,362	672	540
Department of the Navy, total	3,197	3,843	930	891	3,319	1,141	3,976
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 43. Federal obligations to FFRDCs administered by universities and colleges for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1991	1992	1993	1994	1995	1996	1997
Department of Education	0	0	0	0	0	0	0
Department of Energy	630,677	752,812	660,648	663,572	582,427	602,316	783,342
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	8,055	5,743	6,472	8,331	7,383	7,566	16,328
Admin for Children & Families	0	0	0	0	0	0	0
Administration on Aging	0	0	0	0	0	0	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	517	NA	NA	NA	NA	NA	NA
Centers for Disease Control & Prevention	0	0	0	0	237	138	7,002
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	7,538	5,743	6,472	8,331	7,146	7,428	9,326
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 43. Federal obligations to FFRDCs administered by universities and colleges for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1991	1992	1993	1994	1995	1996	1997
Dept of Housing & Urban Dvlpmt	0	0	0	0	0	0	0
Department of the Interior, total	0	0	0	140	530	127	0
Bonneville Power Admin	NA	NA	NA	NA	NA	NA	NA
Bureau of Land Management	0	0	0	0	0	0	0
Bureau of Mines	0	0	0	0	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	0	0	0	0	0	0	0
Heritage Conservation & Recreation Service	NA	NA	NA	NA	NA	NA	NA
Minerals Management Service	0	0	0	140	530	127	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	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	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	0	0	0	0	0	0	0
Bureau of Prisons	0	0	0	0	0	0	0
Drug Enforcement Admin	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0
Office of Legal Policy	0	0	0	0	0	0	0
Department of Labor, total	0	0	0	0	0	0	0
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	0	0	0
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	0	0	0	0	0	0	0
Pension & Welfare Benefits Administration	0	0	0	0	0	0	0
Pension Benefit Guaranty Corp	0	0	0	0	0	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 43. Federal obligations to FFRDCs administered by universities and colleges for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1991	1992	1993	1994	1995	1996	1997
Department of State, total	0	0	15	15	23	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	0	0	1,300	1,478	3,115	2,000	0
Coast Guard	0	0	0	0	0	0	0
Federal Aviation Admin	0	0	0	1,478	3,115	0	0
Federal Highway Administration	0	0	1,300	0	0	2,000	0
Federal Motor Carrier Safety Administration ⁷	NA	NA	NA	NA	NA	NA	NA
Federal Railroad Admin	0	0	0	0	0	0	0
Federal Transit Administration	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0
Rsch & Special Programs Admin	0	0	0	0	0	0	0
Department of the Treasury, total	229	85	135	167	1,496	125	98
Bureau of Alcohol, Tobacco, & Firearms	NA	NA	NA	NA	NA	NA	NA
Bureau of Engraving & Printing	229	85	135	167	184	125	98
Financial Crimes Enforcement Network	0	0	0	0	0	0	0
Internal Revenue Service	0	0	0	0	1,312	0	0
Office of Thrift Supervision	0	0	0	0	0	0	0
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	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	0	0	0	0	0	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	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0
Agy for Internat'l Dvlpmt	0	0	0	0	0	0	0
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 43. Federal obligations to FFRDCs administered by universities and colleges for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1991	1992	1993	1994	1995	1996	1997
Nat'l Aeronautics & Space Admin ⁹	132,384	117,709	107,856	88,333	120,780	180,728	119,461
Nat'l Archives & Records Admin	100	0	0	0	0	0	0
National Science Foundation	195	392	116	1	71	75	75
Nuclear Regulatory Commission	18,439	21,533	18,798	13,884	16,098	13,043	14,297
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	50	50	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 43. Federal obligations to FFRDCs administered by universities and colleges for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1998	1999	2000	Preliminary	
				2001	2002
Total, all agencies	1,100,674	988,588	1,099,214	1,217,458	1,252,821
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	2	97	100	0	142
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	2	12	0	0	0
National Oceanic & Atmospheric Administration	0	85	100	0	142
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 43. Federal obligations to FFRDCs administered by universities and colleges for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

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Agency and subdivision	1998	1999	2000	Preliminary	
				2001	2002
Department of Defense, total	72,953	72,287	89,380	73,212	90,017
Defense Agencies, total	70,204	67,345	75,668	70,092	87,079
Ballistic Missile Def Org	9,536	4,001	200	1,090	0
Chemical and Biological					
Defense ¹	NA	NA	239	141	2,962
Def Adv Rsch Projects Agcy	38,824	41,839	43,150	43,341	56,742
Defense Info Systems Agcy	0	0	0	0	0
Defense Logistics Agency	0	0	0	0	0
Def Special Weapons Agcy	NA	NA	NA	NA	NA
Def Threat Reduction Agcy	3,985	299	6,555	4,785	4,811
Joint Staff	0	0	0	0	0
Nat'l Imagery & Mapping Agcy	0	0	0	0	0
Special Operations Command	0	0	0	0	0
TRICARE Management Activity ² ..	NA	NA	0	0	0
Uniformed Services University					
of the Health Sciences	NA	NA	NA	NA	NA
Washington Headquarters					
Services	17,859	21,206	25,524	20,735	22,564
Dept of the Air Force, total	104	1,850	855	865	802
Department of the Army, total	449	190	1,112	578	774
Department of the Army, Civil					
Functions	0	0	0	0	0
Department of the Army,					
Military Functions	449	190	1,112	578	774
Department of the Navy, total	2,196	2,902	11,745	1,677	1,362
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 43. Federal obligations to FFRDCs administered by universities and colleges for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1998	1999	2000	Preliminary	
				2001	2002
Department of Education	0	0	0	0	0
Department of Energy	833,594	695,712	933,453	1,045,338	1,065,754
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	9,167	11,221	20,928	24,194	27,467
Admin for Children & Families	0	0	0	0	0
Administration on Aging	0	0	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	9,167	11,221	20,928	24,194	27,467
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	0	0	0	0	0

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

Table 43. Federal obligations to FFRDCs administered by universities and colleges for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

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Agency and subdivision	1998	1999	2000	Preliminary	
				2001	2002
Dept of Housing & Urban Dvlpmt	0	0	0	0	0
Department of the Interior, total	0	0	0	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	0	0	0	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	0	0	0	0	0
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	0	0	0	0	0
Office of Legal Policy	0	0	0	0	0
Department of Labor, total	0	0	0	0	0
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	0	0	0	0
Pension & Welfare Benefits Administration	0	0	0	0	0
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 43. Federal obligations to FFRDCs administered by universities and colleges for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

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Agency and subdivision	1998	1999	2000	Preliminary	
				2001	2002
Department of State, total	15	15	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	57	601	14,597	12,842	12,050
Coast Guard	0	0	0	0	0
Federal Aviation Admin	0	0	8,781	12,492	10,540
Federal Highway Administration	0	500	5,816	350	1,510
Federal Motor Carrier Safety Administration ⁷	NA	NA	0	0	0
Federal Railroad Admin	0	0	0	0	0
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	0	0	0	0	0
Office of the Secretary	0	0	0	0	0
Rsch & Special Programs Admin	57	101	0	0	0
Department of the Treasury, total	0	0	0	0	0
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	0	0	0	0	0
Office of Thrift Supervision	0	0	0	0	0
United States Customs Service	0	0	0	0	0
United States Mint	0	0	0	0	0
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	0	0	0	0	0
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	0	0	0	0	0
Agcy for Internat'l Dvlpmt	0	0	0	0	0
Institute for Scientific & Technological Cooperation	0	0	0	0	0
Interstate Commerce Commission	0	0	0	0	0
Library of Congress	0	0	0	0	0

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

Table 43. Federal obligations to FFRDCs administered by universities and colleges for applied research, by agency: fiscal years 1970-2002

[Dollars in thousands]

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Agency and subdivision	1998	1999	2000	Preliminary	
				2001	2002
Nat'l Aeronautics & Space Admin ⁹	174,382	204,299	31,524	52,697	41,834
Nat'l Archives & Records Admin	0	0	0	0	0
National Science Foundation	0	5	2,078	2,459	2,442
Nuclear Regulatory Commission	10,504	4,351	7,154	6,716	7,915
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	5,200
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: FFRDCs = Federally funded research and development centers
 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)

NOTE: In 1984 the Center for Naval Analyses was reclassified from an FFRDC administered by a university to an FFRDC administered by a nonprofit institution.

On March 1, 1998, Brookhaven National Laboratory acquired a new nonprofit administrator (Brookhaven Science Associates, Inc.). The previous administrator was a university consortium.

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