

Table 14. Federal obligations to FFRDCs administered by universities and colleges for research and development, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1970	1971	1972	1973	1974	1975	1976
Total, all agencies	751,126	728,867	760,559	725,310	789,136	935,076	1,061,115
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	658
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	451
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 14. Federal obligations to FFRDCs administered by universities and colleges for research and development, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1970	1971	1972	1973	1974	1975	1976
Department of Defense, total	139,906	141,979	147,514	138,195	152,769	161,488	156,347
Defense Agencies, total	21,403	15,909	20,454	20,462	23,632	32,013	26,374
Ballistic Missile Def Org	NA	NA	NA	NA	NA	NA	NA
Chemical and Biological Defense ¹	NA	NA	NA	NA	NA	NA	NA
Def Adv Rsch Projects Agcy	NA	NA	NA	NA	NA	NA	NA
Defense Info Systems Agcy	NA	NA	NA	NA	NA	NA	NA
Defense Logistics Agency	NA	NA	NA	NA	NA	NA	NA
Def Special Weapons Agcy	NA	NA	NA	NA	NA	NA	NA
Def Threat Reduction Agcy	NA	NA	NA	NA	NA	NA	NA
Joint Staff	NA	NA	NA	NA	NA	NA	NA
Nat'l Imagery & Mapping Agcy	NA	NA	NA	NA	NA	NA	NA
Special Operations Command	NA	NA	NA	NA	NA	NA	NA
TRICARE Management Activity ²	NA	NA	NA	NA	NA	NA	NA
Uniformed Services University of the Health Sciences	NA	NA	NA	NA	NA	NA	NA
Washington Headquarters Services	NA	NA	NA	NA	NA	NA	NA
Dept of the Air Force, total	26,395	25,507	25,496	29,820	31,313	26,268	28,614
Department of the Army, total	26,583	28,413	19,629	20,388	10,737	20,891	12,520
Department of the Army, Civil Functions	140	15	0	0	0	0	0
Department of the Army, Military Functions	26,443	28,398	19,629	20,388	10,737	20,891	12,520
Department of the Navy, total	65,505	72,110	81,935	67,525	87,087	82,316	88,839
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 14. Federal obligations to FFRDCs administered by universities and colleges for research and development, 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	8,031	7,155	9,210	1,070	3,962	4,765	5,847
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	500	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	98	437	732	1,070	3,462	4,508	5,678
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	7,933	6,718	8,474	0	0	257	169
Office of Human Dvlpmt 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 14. Federal obligations to FFRDCs administered by universities and colleges for research and development, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1970	1971	1972	1973	1974	1975	1976
Dept of Housing & Urban Dvlpmnt	0	550	400	530	0	0	0
Department of the Interior, total	0	0	152	0	0	218	661
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	152	0	0	213	661
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	280	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	280	0	0
Office of Legal Policy	0	0	0	0	0	0	0
Department of Labor, total	0	0	0	0	349	593	296
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	329	166
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 14. Federal obligations to FFRDCs administered by universities and colleges for research and development, 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
Agy 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	1,468	6,140	772	4,591	3,620	2,638	2,354
Coast Guard	0	0	0	3,303	813	260	121
Federal Aviation Admin	0	0	0	123	2,040	1,640	1,425
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	1,308	5,890	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	28	429	597	681	798
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	448,001	432,287	438,089	464,184	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	498,950	629,518	754,381
Energy Security Trust Fund	NA	NA	NA	NA	NA	NA	NA
Environmental Protection Agency ⁴	1,267	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	17	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
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	0	0	0	0	0

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

Table 14. Federal obligations to FFRDCs administered by universities and colleges for research and development, 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	126,785	109,194	123,969	77,799	83,267	89,255	83,625
Nat'l Archives & Records Admin	NA	NA	NA	NA	NA	NA	NA
National Science Foundation	25,668	31,527	40,434	38,848	44,522	40,143	45,446
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	0	0	0	0	0	0	0
United States Commission on Civil Rights ¹⁰	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 14. Federal obligations to FFRDCs administered by universities and colleges for research and development, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1977	1978	1979	1980	1981	1982	1983
Total, all agencies	1,313,148	1,311,945	1,488,266	1,533,309	1,790,977	1,976,671	2,393,881
Departments:							
Department of Agriculture, total	0	0	0	0	0	105	65
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	105	65
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	1,198	161	378	491	690	952	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	347	NA	NA	NA	NA	NA	NA
Nat'l Inst of Standards & Tech	0	0	0	0	0	150	52
National Oceanic & Atmospheric Administration	851	161	378	491	690	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 14. Federal obligations to FFRDCs administered by universities and colleges for research and development, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1977	1978	1979	1980	1981	1982	1983
Department of Defense, total	215,478	85,035	121,029	149,141	185,835	226,248	388,246
Defense Agencies, total	20,733	18,096	26,951	50,063	58,533	68,350	72,152
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	29,508	31,582	48,422	60,651	82,402	92,530	222,338
Department of the Army, total	14,212	16,753	19,128	21,581	24,293	38,463	68,498
Department of the Army, Civil Functions	0	0	0	0	0	0	0
Department of the Army, Military Functions	14,212	16,753	19,128	21,581	24,293	38,463	68,498
Department of the Navy, total	151,025	18,604	26,528	16,846	20,607	26,905	25,258
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 14. Federal obligations to FFRDCs administered by universities and colleges for research and development, 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	941,145	1,064,822	1,169,291	1,185,210	1,399,914	1,438,696	1,564,141
Dept of Health, Education, & Welfare, total	6,316	8,312	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	6,316	8,312	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	11,158	11,426	14,996	18,793	20,274
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	79	75
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	11,158	11,426	14,996	18,714	20,199
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 14. Federal obligations to FFRDCs administered by universities
and colleges for research and development, by agency:
fiscal years 1970-2002**

[Dollars in thousands]

Agency and subdivision	1977	1978	1979	1980	1981	1982	1983
Dept of Housing & Urban Dvlpmnt	0	0	0	0	0	0	0
Department of the Interior, total	0	352	645	307	1,631	57	40
Bonneville Power Admin	0	0	0	0	19	NA	NA
Bureau of Land Management	0	0	0	0	0	0	0
Bureau of Mines	0	196	294	300	285	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	351	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	534	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	534	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 14. Federal obligations to FFRDCs administered by universities and colleges for research and development, 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	719	210	340	3,710	4,000	3,975	6,626
Coast Guard	270	0	0	0	200	149	562
Federal Aviation Admin	200	210	0	3,300	3,800	3,595	5,867
Federal Highway Administration	0	0	0	0	0	231	62
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	340	410	0	0	0
Infrastructure Investment	NA	NA	NA	NA	NA	NA	NA
Maritime Administration	NA	NA	NA	NA	0	0	135
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	249	0	0	0	0	0	0
Rsch & Special Programs Admin	0	0	0	0	0	0	0
Department of the Treasury, total	0	0	55	48	0	0	40
Bureau of Alcohol, Tobacco, & Firearms	0	0	55	48	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	40
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	254
Fed Communications Commission	0	0	0	0	0	0	0
Federal Emergency Management Agency, total	NA	297	0	0	264	935	604
Def Civil Preparedness Agcy	NA	NA	0	0	0	0	0
National Fire Prevention & Control Administration	NA	297	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 14. Federal obligations to FFRDCs administered by universities
and colleges for research and 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	78,284	77,763	92,984	96,956	79,008	182,519	305,120
Nat'l Archives & Records Admin	NA	NA	NA	NA	NA	NA	NA
National Science Foundation	47,768	53,474	67,364	58,890	71,169	72,050	74,689
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	162	291	422	284	36	90
United States Commission on Civil Rights ¹⁰	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 14. Federal obligations to FFRDCs administered by universities and colleges for research and development, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1984	1985	1986	1987	1988	1989	1990
Total, all agencies	2,485,820	2,816,413	2,767,653	3,209,624	3,473,924	3,497,050	3,449,838
Departments:							
Department of Agriculture, total	120	55	165	210	0	523	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	120	55	165	210	0	493	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	30	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	597	480	1,768	257	192	107	100
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	257	130	84	72	111	107	100
National Oceanic & Atmospheric Administration	340	350	1,684	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 14. Federal obligations to FFRDCs administered by universities
and colleges for research and 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	261,559	305,910	285,017	737,478	828,673	686,018	658,452
Defense Agencies, total	66,870	129,039	187,721	533,131	607,721	506,154	497,054
Ballistic Missile Def Org	NA	NA	NA	445,760	524,437	0	363,333
Chemical and Biological Defense ¹	NA	NA	NA	NA	NA	NA	NA
Def Adv Rsch Projects Agcy	NA	NA	NA	65,769	56,820	17,446	95,798
Defense Info Systems Agcy	NA	NA	NA	924	1,572	1,460	1,463
Defense Logistics Agency	NA	NA	NA	0	0	0	0
Def Special Weapons Agcy	NA	NA	NA	15,285	12,344	16,191	18,330
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	15	0	376,742	0
Special Operations Command	NA	NA	NA	0	0	0	0
TRICARE Management Activity ²	NA	NA	NA	NA	NA	NA	NA
Uniformed Services University of the Health Sciences	NA	NA	NA	0	0	0	0
Washington Headquarters Services	NA	NA	NA	5,378	12,548	94,315	18,130
Dept of the Air Force, total	88,266	127,038	50,747	161,491	68,665	35,675	34,075
Department of the Army, total	91,365	34,094	27,049	22,972	138,169	135,929	118,308
Department of the Army, Civil Functions	0	0	0	0	0	0	0
Department of the Army, Military Functions	91,365	34,094	27,049	22,972	138,169	135,929	118,308
Department of the Navy, total	15,058	14,839	14,800	15,884	13,547	7,384	9,015
Def Civil Preparedness Agcy	NA	NA	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	0	0	0	0	0
Test & Evaluation, Deputy Under Secretary of Defense	0	900	4,700	4,000	571	876	0

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

Table 14. Federal obligations to FFRDCs administered by universities and colleges for research and development, 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	1,714,317	1,847,865	1,797,344	1,839,046	1,944,633	2,033,256	2,020,493
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	20,234	24,478	26,280	30,077	27,252	27,915	28,449
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	104	107	123	207	0	202
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	20,234	24,374	26,173	29,954	27,045	27,915	28,247
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 14. Federal obligations to FFRDCs administered by universities and colleges for research and development, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1984	1985	1986	1987	1988	1989	1990
Dept of Housing & Urban Dvlpmnt	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	72	190
Bureau of Prisons	0	0	0	0	0	0	0
Drug Enforcement Admin	0	0	0	0	0	72	190
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 14. Federal obligations to FFRDCs administered by universities and colleges for research and 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	12,306	12,359	7,695	9,781	87	100	0
Coast Guard	125	220	220	280	0	0	0
Federal Aviation Admin	11,871	12,139	7,030	9,176	0	0	0
Federal Highway Administration	110	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	200	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	117	566	102	177	126	162	0
Fed Communications Commission	0	0	0	0	0	0	0
Federal Emergency Management Agency, total	3,294	1,165	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
Agcy 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 14. Federal obligations to FFRDCs administered by universities and colleges for research and 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	350,255	512,366	542,407	475,303	559,567	630,070	619,257
Nat'l Archives & Records Admin	NA	147	0	0	130	0	20
National Science Foundation	90,214	85,240	81,428	88,675	88,618	95,270	106,087
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	175	200	245	3,230	2,610	1,335	25
United States Commission on Civil Rights ¹⁰	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 14. Federal obligations to FFRDCs administered by universities and colleges for research and development, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1991	1992	1993	1994	1995	1996	1997
Total, all agencies	3,603,818	3,855,467	3,614,191	3,292,933	3,561,614	3,447,090	3,701,010
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	145	153	770	1,187	129	352	80
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	145	153	32	420	129	352	19
National Oceanic & Atmospheric Administration	0	0	738	767	0	0	61
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 14. Federal obligations to FFRDCs administered by universities and colleges for research and development, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1991	1992	1993	1994	1995	1996	1997
Department of Defense, total	637,260	668,287	544,677	274,947	248,620	251,681	250,754
Defense Agencies, total	486,294	421,683	369,032	191,808	153,052	164,296	176,707
Ballistic Missile Def Org	374,421	314,372	223,205	61,539	59,667	54,071	66,512
Chemical and Biological Defense ¹	NA	NA	NA	NA	NA	NA	NA
Def Adv Rsch Projects Agcy	88,239	62,240	65,695	81,505	61,308	57,998	64,203
Defense Info Systems Agcy	1,200	1,128	1,310	1,915	828	289	300
Defense Logistics Agency	0	0	0	0	0	0	0
Def Special Weapons Agcy	15,562	19,348	34,479	18,244	14,186	14,346	6,725
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	300	500	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	6,872	24,595	44,343	28,305	16,563	37,592	38,967
Dept of the Air Force, total	39,838	42,550	64,113	12,310	42,375	37,063	27,411
Department of the Army, total	104,191	193,278	85,098	46,913	26,258	31,842	20,338
Department of the Army, Civil Functions	0	0	0	0	0	0	0
Department of the Army, Military Functions	104,191	193,278	85,098	46,913	26,258	31,842	20,338
Department of the Navy, total	6,937	9,609	25,409	23,651	26,785	18,305	25,779
Def Civil Preparedness Agcy	NA	NA	NA	NA	NA	NA	NA
Health Affairs, Assistant Secretary of Defense for	0	NA	NA	NA	NA	NA	NA
Operational Test & Evaluation, Director	0	0	0	0	150	175	519
Test & Evaluation, Deputy Under Secretary of Defense	0	1,167	1,025	265	0	0	0

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

Table 14. Federal obligations to FFRDCs administered by universities and colleges for research and development, 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	2,071,670	2,227,109	2,204,925	2,077,228	2,057,324	1,933,619	2,155,640
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	28,203	22,745	25,473	26,877	24,643	26,207	37,706
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	632	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	27,571	22,745	25,473	26,877	24,406	26,069	30,704
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 14. Federal obligations to FFRDCs administered by universities and colleges for research and development, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1991	1992	1993	1994	1995	1996	1997
Dept of Housing & Urban Dvlpmnt	0	0	0	0	0	0	0
Department of the Interior, total	0	0	0	215	610	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	75	80	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 14. Federal obligations to FFRDCs administered by universities and colleges for research and 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	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	15,279	1,589	27,875	2,000	5,217
Coast Guard	0	0	0	0	0	0	0
Federal Aviation Admin	0	0	13,979	1,478	11,926	0	0
Federal Highway Administration	0	0	1,300	111	15,949	2,000	5,217
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	75	189	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 14. Federal obligations to FFRDCs administered by universities
and colleges for research and 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	736,342	791,023	685,258	771,176	1,043,913	1,090,058	1,105,958
Nat'l Archives & Records Admin	100	0	0	0	0	0	0
National Science Foundation	111,305	124,293	118,861	125,648	140,883	129,878	131,260
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	50	50	0	0	0	0	0
United States Commission on Civil Rights ¹⁰	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 14. Federal obligations to FFRDCs administered by universities and colleges for research and development, by agency: fiscal years 1970-2002

[Dollars in thousands]

Agency and subdivision	1998	1999	2000	Preliminary	
				2001	2002
Total, all agencies	3,890,155	3,896,411	4,053,157	4,367,755	4,213,818
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	27	107	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 Dvlprmt Agcy	0	0	0	0	0
National Fire Prevention & Control Administration	NA	NA	NA	NA	NA
Nat'l Inst of Standards & Tech	27	22	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 14. Federal obligations to FFRDCs administered by universities and colleges for research and 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 Defense, total	347,206	275,852	285,201	287,522	272,417
Defense Agencies, total	169,901	194,147	195,498	188,814	214,729
Ballistic Missile Def Org	58,313	55,810	49,220	50,476	38,646
Chemical and Biological Defense ¹	NA	NA	6,036	4,003	10,301
Def Adv Rsch Projects Agcy	68,658	87,888	81,056	81,808	104,097
Defense Info Systems Agcy	312	318	322	0	300
Defense Logistics Agency	100	200	0	0	0
Def Special Weapons Agcy	NA	NA	NA	NA	NA
Def Threat Reduction Agcy	5,361	480	19,113	17,463	7,384
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	37,157	49,451	39,751	35,064	54,001
Dept of the Air Force, total	104,504	14,865	12,844	41,839	14,253
Department of the Army, total	30,099	43,105	35,066	39,549	24,976
Department of the Army, Civil Functions	0	0	0	0	0
Department of the Army, Military Functions	30,099	43,105	35,066	39,549	24,976
Department of the Navy, total	42,702	23,735	41,793	17,320	18,459
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 14. Federal obligations to FFRDCs administered by universities and colleges for research and 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 Education	0	0	0	0	0
Department of Energy	2,236,172	2,139,007	2,345,662	2,502,736	2,481,784
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 Dvlpmnt 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	30,182	37,073	51,548	59,332	66,979
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	30,182	37,073	51,548	59,332	66,979
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 14. Federal obligations to FFRDCs administered by universities and colleges for research and development, by agency: fiscal years 1970-2002

[Dollars in thousands]

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

[Dollars in thousands]

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	3,427	1,001	14,702	12,902	12,050
Coast Guard	0	0	0	0	0
Federal Aviation Admin	0	0	8,781	12,492	10,540
Federal Highway Administration	3,370	900	5,921	410	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 14. Federal obligations to FFRDCs administered by universities and colleges for research and 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	1,123,543	1,285,951	1,196,805	1,331,089	1,199,693
Nat'l Archives & Records Admin	0	0	0	0	0
National Science Foundation	139,079	153,054	151,985	167,458	167,638
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	0	0	0	0	0
United States Commission on Civil Rights ¹⁰	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)

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