

Table C-8. Federal obligations for total research and development, by agency and performer: fiscal year 2000

[Dollars in millions]

Agency and subdivision	Total	Intra-mural ¹	Extramural							
			United States and territories							Foreign
			Indus-trial firms	FFRDCs admin by indus-trial firms	Univer-sities and colleges	FFRDCs admin by univs and colleges	Other non-profit insti-tutions	FFRDCs admin by nonprofit insti-tutions	State and local govts	
Total, all agencies	72,863.2	17,149.8	27,735.6	1,100.9	16,815.1	4,053.2	4,216.6	1,231.5	224.0	336.7
Departments:										
Department of Agriculture, total	1,746.8	1,151.6	17.2	.0	553.6	.0	18.0	.0	3.0	3.5
Agricultural Marketing Service	5.1	4.7	.0	.0	.4	.0	.0	.0	.0	.0
Agricultural Research Service	884.7	826.4	.0	.0	49.9	.0	5.2	.0	.4	2.8
Animal & Plant Hlth Inspection Svc	20.6	18.6	.0	.0	2.0	.0	.0	.0	.0	.0
Cooperative State Research, Education, & Extension Service	535.0	33.7	12.4	.0	479.3	.0	8.7	.0	.9	.0
Economic Research Service	64.2	55.0	4.5	.0	3.7	.0	.7	.0	.0	.2
Food Safety Inspection Service	2.3	2.3	.0	.0	.0	.0	.0	.0	.0	.0
Foreign Agricultural Service	1.4	.8	.0	.0	.6	.0	.0	.0	.0	.0
Forest Service	223.0	201.3	.2	.0	17.6	.0	1.7	.0	1.7	.5
Grain Inspection Packers & Stockyards Administration	3.6	3.6	.0	.0	.0	.0	.0	.0	.0	.0
Nat'l Agricultural Statistics Svc	3.9	3.6	.0	.0	.2	.0	-	.0	.0	.0
Rural Business-Cooperative Service	3.1	1.5	.0	.0	.1	.0	1.5	.0	.0	.0
Department of Commerce, total	1,036.6	755.2	161.7	.0	100.5	.1	11.8	-	7.1	.2
Bureau of the Census	13.0	13.0	.0	.0	.0	.0	.0	.0	.0	.0
Economic Development Admin .....	.6	.1	.1	.0	.4	.0	.1	.0	.0	.0
Nat'l Inst of Standards & Tech	404.2	230.8	156.8	.0	11.2	.0	5.1	-	.0	.2
Nat'l Oceanic & Atmospheric Admin	597.1	503.5	4.9	.0	84.7	.1	1.1	.0	2.9	-
National Telecommunications & Information Administration	21.8	7.9	.0	.0	4.2	.0	5.4	.0	4.2	.0
Department of Defense, total	33,167.0	8,086.8	22,229.0	116.0	1,606.1	285.2	250.9	382.3	6.1	204.6
Defense Agencies, research & development (R&D), total	7,190.8	1,570.8	4,182.7	81.3	879.1	195.5	87.9	88.5	.5	104.4
Ballistic Missile Defense Organization, R&D	3,062.7	583.2	2,201.5	51.5	66.8	49.2	2.1	16.5	.0	91.9
Chemical and Biological Defense, R&D ²	383.5	202.2	137.0	.0	37.7	6.0	.5	.2	.0	.0
Defense Advanced Research Projects Agency, R&D	1,801.5	172.3	1,035.6	13.2	409.5	81.1	59.2	27.1	.0	3.6
Defense Information Systems Agency, R&D	114.3	53.3	46.0	.0	.0	.3	7.1	7.6	.0	.0
Defense Logistics Agency, R&D	109.2	76.8	24.9	.0	4.7	.0	.4	2.4	.0	.0
Defense Threat Reduction Agency, R&D	406.2	145.5	219.9	7.7	7.5	19.1	1.3	3.7	.0	1.5
Joint Staff, R&D	52.0	52.0	.0	.0	.0	.0	.0	.0	.0	.0
Special Operations Command, R&D	219.0	81.7	135.3	.0	2.0	.0	.0	.0	.0	.0
TRICARE Management Activity, R&D ³	69.1	3.5	6.2	.0	59.4	.0	.0	.0	.0	.0
Washington Headquarters Services, R&D	973.3	200.4	376.3	8.9	291.6	39.8	17.4	31.1	.5	7.4
Department of the Air Force, R&D	11,055.0	1,206.0	9,481.3	26.9	112.4	12.8	16.9	163.4	5.5	29.7
Department of the Army, R&D	5,323.7	1,854.3	3,120.6	3.0	196.2	35.1	47.7	27.6	-	39.1
Department of the Navy, R&D	9,307.6	3,346.5	5,290.7	4.2	413.8	41.8	98.3	80.9	.0	31.4
Operational Test & Evaluation, Director, R&D	32.9	11.4	3.1	.6	1.1	.0	.0	16.7	.0	.0
Test & Evaluation, Deputy Under Secretary of Defense, R&D	257.0	97.8	150.6	.0	3.5	.0	.0	5.1	.0	.0
Department of Defense, research	4,920.4	1,748.4	1,761.2	20.4	1,112.8	91.2	111.2	37.7	-	37.4
Dept of Defense, development, total	28,246.7	6,338.4	20,467.8	95.6	493.4	194.0	139.7	344.5	6.1	167.3
Department of Defense, advanced technology development	4,192.9	1,133.0	2,495.3	16.0	259.8	78.4	104.9	78.4	5.8	21.3
Department of Defense, major systems development	24,053.8	5,205.4	17,972.6	79.5	233.6	115.6	34.8	266.1	.2	146.0
Department of Education	247.3	10.0	15.0	.0	152.0	.0	70.1	.0	.2	.0
Department of Energy	6,063.1	481.3	915.0	763.4	668.0	2,345.7	96.5	787.7	3.5	2.0

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

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Dept of Health & Human Svcs, total	18,425.9	3,303.0	1,316.9	208.1	10,365.1	51.5	2,949.7	32.7	130.0	68.9
Admin for Children & Families	27.3	1.9	2.7	.0	11.0	.0	10.0	.0	1.8	-
Administration on Aging	2.8	.1	.0	.0	.0	.0	2.8	.0	.0	.0
Agency for Healthcare Research and Quality ⁴	198.8	50.5	49.6	.0	65.9	.0	32.6	.0	.0	.2
Agency for Toxic Substances Disease & Registry ⁵	14.7	2.8	-	.0	5.2	.0	3.6	.0	3.1	.0
Centers for Disease Control & Prevention	505.0	280.2	46.9	.0	108.3	.0	63.5	.0	6.1	.0
Food & Drug Administration	144.2	112.2	7.9	.0	17.3	.0	6.4	.0	.3	.0
Health Care Financing Admin	61.5	.3	35.3	.0	10.0	.0	11.3	.0	4.2	.4
Health Resources & Services Admin	35.6	6.6	.0	.0	13.7	.0	15.3	.0	.0	.0
National Institutes of Health ⁶	16,918.3	2,846.8	803.2	208.1	10,086.7	51.5	2,737.1	32.7	83.9	68.3
Office of the Secretary, total	19.8	1.7	.7	.0	8.8	.0	7.9	.0	.7	.0
Office of the Assistant Secretary, Planning & Evaluation	16.7	1.3	.7	.0	6.1	.0	7.9	.0	.7	.0
Office of Public Hlth & Science	3.1	.4	.0	.0	2.7	.0	.0	.0	.0	.0
Substance Abuse & Mental Health Services Administration ⁷	497.8	-	370.5	.0	38.2	.0	59.2	.0	29.9	.0
Dept of Housing & Urban Development	45.6	19.5	12.9	.0	1.4	.0	11.9	.0	.0	.0
Department of the Interior, total	579.9	507.5	14.3	.0	47.2	.0	1.3	.0	7.8	1.8
Bureau of Reclamation	9.8	7.8	.0	.0	1.3	.0	.3	.0	.4	.0
Geological Survey	506.1	471.2	3.4	.0	24.7	.0	.0	.0	6.8	.0
Minerals Management Service	29.2	7.1	8.8	.0	10.8	.0	.6	.0	.1	1.8
National Park Service	34.7	21.4	2.1	.0	10.4	.0	.3	.0	.5	.0
Department of Justice, total	80.5	14.1	11.6	1.0	19.4	.0	10.5	1.4	22.5	.0
Bureau of Prisons	7.8	3.0	.0	.0	.0	.0	.0	.0	4.8	.0
Federal Bureau of Investigation	10.0	10.0	.0	.0	.0	.0	.0	.0	.0	.0
Immigration & Naturalization Svc .....	.6	.3	.3	.0	.0	.0	.0	.0	.0	.0
Office of Justice Programs	62.2	.9	11.3	1.0	19.4	.0	10.5	1.4	17.8	.0
Department of Labor, total	83.7	53.0	6.3	.0	12.9	.0	11.4	.0	.0	.0
Bureau of Labor Statistics	12.3	8.4	.0	.0	3.9	.0	.0	.0	.0	.0
Employment & Training Admin	60.9	41.4	.0	.0	8.3	.0	11.1	.0	.0	.0
Occupational Safety & Health Admin	5.8	2.0	3.8	.0	.0	.0	.0	.0	.0	.0
Office of the Secretary	1.3	.1	1.1	.0	.1	.0	.0	.0	.0	.0
Pension & Welfare Benefits Admin	2.7	.9	1.0	.0	.6	.0	.3	.0	.0	.0
Pension Benefit Guaranty Corp .....	.7	.3	.4	.0	.0	.0	.0	.0	.0	.0
Department of State ⁸	1.5	.6	.9	.0	.0	.0	.0	.0	.0	.0
Department of Transportation, total	467.4	175.2	208.8	3.1	40.9	14.7	12.8	5.2	6.3	.5
Coast Guard	20.0	12.8	7.2	-	-	.0	.0	.0	.0	-
Federal Aviation Administration	219.0	73.7	117.1	3.0	11.1	8.8	.0	5.1	.0	.1
Federal Highway Administration	126.7	27.8	61.9	.0	13.7	5.9	11.3	.1	6.0	-
Federal Motor Carrier Safety Administration ⁹	3.9	.4	1.6	.0	1.2	.0	.6	.0	.0	.1
Federal Railroad Administration	27.3	13.5	11.4	.0	2.2	.0	.0	.0	.0	.2
Federal Transit Administration	8.9	2.5	.0	.0	6.4	.0	.0	.0	.0	.0
Nat'l Highway Traffic Safety Admin	50.6	36.4	7.9	.0	6.0	.0	.2	.0	.0	-
Office of the Secretary	4.0	4.0	.0	.0	.0	.0	.0	.0	.0	.0
Research & Special Programs Admin	6.9	4.0	1.7	.1	.1	.0	.6	.0	.3	.0
Department of the Treasury, total	61.4	42.2	19.2	.0	-	.0	.0	.0	.0	.0
Bureau of Engraving & Printing	2.8	2.8	.0	.0	.0	.0	.0	.0	.0	.0
Internal Revenue Service	54.4	37.4	17.0	.0	.0	.0	.0	.0	.0	.0
Office of Thrift Supervision .....	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0
United States Customs Service	1.8	.9	.9	.0	.0	.0	.0	.0	.0	.0
United States Mint	1.3	.1	1.1	.0	-	.0	.0	.0	.0	.0
United States Secret Service	1.0	.8	.2	.0	.0	.0	.0	.0	.0	.0
Department of Veterans Affairs	341.7	341.7	.0	.0	.0	.0	.0	.0	.0	.0

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Other agencies:										
Appalachian Regional Commission6	-	.3	.0	.3	.0	-	.0	.0	.0
Broadcasting Board of Governors ¹⁰1	.1	.0	.0	.0	.0	.0	.0	.0	.0
Environmental Protection Agency ⁵	502.2	319.5	21.1	.0	98.9	.0	48.7	.0	13.1	.8
Federal Communications Commission	2.8	2.8	.0	.0	.0	.0	.0	.0	.0	.0
Federal Trade Commission7	.7	.0	.0	.0	.0	.0	.0	.0	.0
International Development Cooperation										
Agency, total	218.8	25.8	12.7	.0	33.5	.0	146.4	.0	.0	.4
Agcy for International Dvlpm ¹¹	218.8	25.8	12.7	.0	33.5	.0	146.4	.0	.0	.4
Library of Congress	2.5	2.2	.3	.0	.0	.0	.0	.0	.0	.0
National Aeronautics & Space Admin ¹²	6,881.9	1,720.5	2,644.3	.2	845.1	1,196.8	421.2	5.1	8.1	40.6
National Archives & Records Admin1	.1	.0	.0	.0	.0	.0	.0	.0	.0
National Science Foundation	2,725.5	18.4	115.5	.0	2,265.2	152.0	148.5	4.8	9.2	12.1
Nuclear Regulatory Commission	53.0	14.5	3.0	9.1	5.0	7.2	1.2	11.6	.0	1.5
Smithsonian Institution	98.0	98.0	.0	.0	.0	.0	.0	.0	.0	.0
Social Security Administration	28.7	5.4	9.7	.0	.0	.0	5.9	.7	7.0	.0

- 1 Includes costs associated with the administration of intramural and extramural programs by Federal personnel as well as actual intramural performance.
- 2 Prior to fiscal year 2000, Chemical and Biological Defense's R&D was reported with the Washington Headquarters Services.
- 3 TRICARE Management Activity oversees the delivery of healthcare to active duty and retired members of the uniformed services and their family members and survivors.
- 4 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.
- 5 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.
- 6 Beginning in the fiscal year 2000, the National Institutes of Health classified all of its development activities as research.
- 7 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.
- 8 Effective April 1, 1999, all functions and authorities of the United States Arms Control & Disarmament Agency were transferred to the Department of State.
- 9 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)).
- 10 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.
- 11 Since the experimental New Management System, which is an integrated system containing the Agency for International Development's (AID) budget and accounting records, does not contain codes for determining either fields of science and engineering or performer data, the National Science Foundation has estimated these data based on AID's Budget Authority (fiscal years 2000-2002) and AID's Federal funds survey submission to Vol. 44 (fiscal years 1994-96). More accurate data for AID will be reported in future volumes of this survey.
- 12 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.

KEY: - = Amount less than 50 thousand dollars
 FFRDCs = Federally funded research and development centers

NOTES: Because of rounding, detail may not add to totals.

Data for only those agencies and sub-divisions that had obligations in the variables represented by this table appear in the table. For a complete list of the Federal agencies that have been included in the Federal funds survey, refer to appendix A. For notes associated with the agencies listed in this table, refer to appendix B.

Beginning with Vol. 44, Department of Defense development obligations are reported in two categories: advanced technology and major systems.

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