

TABLE 9. Preliminary federal obligations for research and development, by agency and performer: FY 2004

(Dollars in millions)

Agency	Total R&D	Intramural ^a	Extramural							Foreign
			United States and U.S. territories							
			Industry	Industry FFRDCs	Universities and colleges	University FFRDCs	Other nonprofits	Nonprofit FFRDCs	State, local governments	
All agencies	102,720.5	24,718.4	38,935.6	1,562.4	23,960.8	4,951.5	6,106.2	1,587.6	501.3	396.8
Departments										
Department of Agriculture	2,161.2	1,390.5	17.6	0.0	728.4	0.0	19.0	0.0	3.0	2.8
Agricultural Marketing Service	8.4	8.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Agricultural Research Service	1,082.5	984.0	0.0	0.0	89.4	0.0	6.2	0.0	0.5	2.4
Animal and Plant Health Inspection Service	29.2	22.5	0.0	0.0	6.8	0.0	0.0	0.0	0.0	0.0
Cooperative State Research, Education, and Extension Service	654.2	36.8	14.4	0.0	595.3	0.0	6.7	0.0	0.9	0.0
Economic Research Service	71.0	62.7	1.7	0.0	5.0	0.0	1.6	0.0	0.0	0.0
Foreign Agricultural Service	1.6	1.1	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0
Forest Service	298.0	261.5	1.5	0.0	31.2	0.0	1.9	0.0	1.6	0.3
Grain Inspection, Packers, and Stockyards Administration	6.9	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Agricultural Statistics Service	5.8	5.4	0.0	0.0	0.2	0.0	0.1	0.0	0.0	0.0
Rural Business-Cooperative Service	3.7	1.2	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0
Department of Commerce	1,117.9	751.1	168.9	0.0	171.7	0.8	15.8	0.0	9.2	0.4
Economic Development Administration	0.6	0.1	0.0	0.0	0.3	0.0	0.3	0.0	0.0	0.0
National Institute of Standards and Technology	461.0	288.1	161.6	0.0	9.2	0.0	1.7	0.0	0.0	0.4
National Oceanic and Atmospheric Administration	609.2	428.8	7.3	0.0	155.9	0.8	9.5	0.0	6.9	0.0
National Telecommunications and Information Administration	22.7	9.8	0.0	0.0	6.3	0.0	4.3	0.0	2.3	0.0
U.S. Census Bureau	24.4	24.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Defense	48,264.6	12,092.7	32,596.4	124.8	1,913.0	348.8	399.9	652.1	4.9	132.0
Defense agencies	13,479.6	2,921.3	9,094.6	79.8	736.6	198.6	134.9	257.0	0.0	56.7
Chemical and Biological Defense	439.3	315.0	101.2	0.0	13.1	0.3	8.9	0.8	0.0	0.0
Defense Advanced Research Projects Agency	2,978.7	316.2	1,875.1	31.8	508.7	95.9	101.0	29.9	0.0	20.1
Defense Information Systems Agency	292.0	54.2	225.0	0.0	3.7	0.0	0.0	9.1	0.0	0.0
Defense Logistics Agency	197.0	66.3	97.4	0.0	28.0	0.0	0.8	4.4	0.0	0.0
Defense Threat Reduction Agency	306.2	84.3	212.8	0.4	2.5	3.8	0.2	0.8	0.0	1.2
Joint Staff	126.7	126.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Missile Defense Agency	7,474.0	1,427.0	5,710.7	25.6	47.0	58.8	10.6	182.7	0.0	11.5
Special Operations Command	590.4	202.3	384.1	0.0	3.6	0.4	0.0	0.0	0.0	0.0
Washington Headquarters Services	1,075.5	329.2	488.3	22.0	130.0	39.5	13.4	29.3	0.0	23.9
Department of the Air Force	9,394.0	1,910.3	7,032.5	10.1	120.6	73.9	30.7	212.2	2.9	0.7
Materiel Command	6,427.6	1,452.0	4,732.6	0.9	119.9	9.1	30.7	81.6	*	0.7
Space Command	2,966.4	458.3	2,299.9	9.2	0.7	64.8	0.0	130.7	2.9	0.0

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			Industry	Industry FFRDCs	Universities and colleges	University FFRDCs	Other nonprofits				
Department of the Army	9,577.1	2,430.0	6,485.9	8.3	419.6	37.9	98.2	62.4	1.8	33.1	
Civil Functions	44.1	30.2	9.3	0.0	2.6	0.0	0.0	0.0	1.8	0.3	
Military Functions	9,533.0	2,399.8	6,476.6	8.3	416.9	37.9	98.2	62.4	0.0	32.8	
Department of the Navy	15,515.7	4,729.1	9,841.4	26.6	625.7	31.0	136.1	84.1	0.2	41.6	
Operational Test and Evaluation, Director	298.3	101.9	142.0	0.0	10.6	7.4	0.0	36.4	0.0	0.0	
Department of Education	307.8	15.4	17.3	0.0	206.3	0.0	67.9	0.0	0.9	0.0	
Department of Energy	7,899.8	856.4	1,438.0	939.1	804.8	2,806.9	177.6	875.3	0.5	1.2	
Bonneville Power Administration	24.7	24.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	
Civilian Radioactive Waste Management	82.2	6.4	18.9	18.4	0.0	36.3	0.0	2.2	0.0	0.0	
Energy Efficiency and Renewable Energy	729.3	284.9	0.0	50.5	74.9	67.4	20.7	230.8	0.0	0.0	
Environmental Management	59.6	*	0.0	30.4	23.9	3.5	0.0	1.8	0.0	0.0	
Fossil Energy	525.4	115.4	290.9	5.9	53.6	18.9	23.3	17.0	0.5	0.0	
National Nuclear Security Administration	3,634.0	403.0	915.1	760.5	69.7	1,440.2	13.4	32.1	0.0	0.0	
Defense Programs	2,789.4	395.2	256.5	668.8	62.6	1,386.4	10.9	8.9	0.0	0.0	
Fissile Materials Disposition	1.0	*	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	
Naval Reactors	708.5	*	651.8	54.7	0.0	0.4	1.5	0.1	0.0	0.0	
Nonproliferation and Verification	135.2	7.8	6.7	37.0	7.1	53.5	0.0	23.1	0.0	0.0	
Nuclear Energy	122.3	*	57.4	16.3	0.0	37.0	0.0	11.6	0.0	0.0	
Office of Intelligence	4.0	0.1	2.3	0.3	0.0	0.7	0.0	0.7	0.0	0.0	
Office of Science	2,718.3	22.6	153.5	56.9	582.8	1,202.9	120.2	578.3	0.0	1.2	
Department of Health and Human Services	28,226.1	5,687.3	1,616.8	472.9	15,636.6	89.8	4,322.4	26.0	163.6	210.7	
Administration for Children and Families	21.3	1.4	0.2	0.0	17.2	0.0	1.5	0.0	1.0	0.0	
Administration on Aging	3.0	0.1	0.0	0.0	0.0	0.0	2.9	0.0	0.0	0.0	
Agency for Healthcare Research and Quality	303.7	109.8	81.7	0.0	98.9	0.0	12.3	0.0	0.3	0.6	
Agency for Toxic Substances and Disease Registry	14.9	2.5	0.2	0.0	3.0	0.0	5.7	0.0	3.5	*	
Centers for Disease Control and Prevention	539.0	466.2	32.5	0.0	36.5	0.0	1.9	0.0	1.9	0.0	
Centers for Medicare and Medicaid Services	77.8	*	15.6	0.0	7.8	0.0	14.0	0.0	40.4	0.0	
Food and Drug Administration	132.3	99.5	6.1	0.0	18.3	0.0	7.3	0.0	0.0	1.1	
Health Resources and Services Administration	47.9	3.0	0.0	0.0	24.9	0.0	18.2	0.0	1.8	0.0	
National Institutes of Health	27,004.5	4,999.8	1,473.9	472.9	15,403.8	84.9	4,220.0	26.0	114.3	208.9	
Office of the Secretary	22.1	5.0	6.6	0.0	2.3	4.8	3.0	0.0	0.3	0.0	
Office of the Assistant Secretary, Planning and Evaluation	16.6	4.3	6.6	0.0	2.3	0.0	3.0	0.0	0.3	0.0	
Office of Public Health and Science	5.5	0.7	0.0	0.0	0.0	4.8	0.0	0.0	0.0	0.0	

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Substance Abuse and Mental Health Services ^b Administration	59.5	*	0.0	0.0	23.9	0.0	35.6	0.0	0.0	0.0
Department of Housing and Urban Development	49.4	32.1	12.7	0.0	1.5	0.0	3.0	0.0	0.0	0.0
Department of the Interior	583.9	515.1	10.1	0.0	45.9	0.0	2.4	0.0	8.9	1.5
Bureau of Reclamation	10.1	6.1	2.2	0.0	1.0	0.0	0.6	0.0	0.1	*
Geological Survey	547.1	502.4	1.1	0.0	34.9	0.0	0.0	0.0	8.7	0.0
Minerals Management Service	26.8	6.7	6.8	0.0	10.0	0.0	1.8	0.0	0.0	1.5
Department of Justice	103.1	43.5	9.2	0.0	17.6	0.0	19.4	1.5	11.9	0.0
Bureau of Prisons	9.4	2.8	0.0	0.0	0.0	0.0	0.0	0.0	6.6	0.0
Federal Bureau of Investigation	33.7	33.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Office of Justice Programs	60.0	7.0	9.2	0.0	17.6	0.0	19.4	1.5	5.3	0.0
Department of Labor	165.5	147.9	3.6	0.0	12.6	0.0	1.5	0.0	0.0	0.0
Bureau of Labor Statistics	22.1	8.1	1.1	0.0	12.1	0.0	0.8	0.0	0.0	0.0
Employee Benefits Security Administration	2.8	1.1	1.0	0.0	0.2	0.0	0.5	0.0	0.0	0.0
Employment and Training Administration	135.0	135.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Occupational Safety and Health Administration	3.2	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Office of the Secretary	1.5	0.1	1.0	0.0	0.3	0.0	0.2	0.0	0.0	0.0
Pension Benefit Guaranty Corporation	0.9	0.4	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of State	2.2	0.7	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Transportation	795.8	201.8	243.3	2.9	53.6	8.6	28.0	0.2	256.2	1.3
Federal Aviation Administration	234.2	83.7	123.8	2.6	15.4	8.5	0.0	0.2	0.0	0.0
Federal Highway Administration	405.9	51.8	80.1	0.3	18.9	*	21.9	0.0	232.8	0.0
Federal Motor Carrier Safety Administration	6.6	0.1	2.6	0.0	2.8	0.0	1.0	0.0	0.0	0.2
Federal Railroad Administration	33.2	14.9	15.4	0.0	2.4	0.0	0.0	0.0	0.0	0.3
Federal Transit Administration	4.6	0.2	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Highway Traffic Safety Administration	63.2	40.5	9.5	0.0	13.1	0.0	*	0.0	0.0	0.3
Office of the Secretary	28.8	5.4	0.0	0.0	0.0	0.0	0.0	0.0	23.4	0.0
Research and Special Programs Administration	19.3	5.1	7.5	0.0	1.1	0.0	5.1	0.0	0.0	0.5
Department of the Treasury	64.4	58.4	5.7	0.0	0.0	0.0	0.3	0.0	0.0	0.0
Bureau of Engraving and Printing	5.8	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Internal Revenue Service	57.7	51.7	5.7	0.0	0.0	0.0	0.3	0.0	0.0	0.0
U.S. Mint	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Veterans Affairs	392.9	392.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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			Industry	Industry FFRDCs	Universities and colleges	University FFRDCs	Other nonprofits	Nonprofit FFRDCs		
Other agencies										
Agency for International Development	296.1	37.1	17.6	0.0	35.0	0.0	206.5	0.0	0.0	0.0
Appalachian Regional Commission	0.7	0.1	0.3	0.0	0.3	0.0	0.1	0.0	0.0	0.0
Environmental Protection Agency	606.9	394.5	48.0	0.0	123.6	0.0	30.8	0.0	8.3	1.6
Federal Communications Commission	6.5	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Federal Trade Commission	1.7	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Library of Congress	6.5	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Aeronautics and Space Administration	7,690.7	1,914.4	2,582.5	0.1	1,116.2	1,478.7	542.8	14.3	12.8	28.9
National Archives and Records Administration	0.1	0.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Science Foundation	3,730.2	34.3	132.1	0.0	3,081.4	208.7	247.1	1.3	11.2	14.0
Nuclear Regulatory Commission	77.9	16.6	6.6	22.5	2.6	9.2	1.0	16.9	0.0	2.5
Smithsonian Institution	112.0	112.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Social Security Administration	56.6	9.0	7.5	0.0	9.7	0.0	20.7	0.0	9.8	0.0

* = amount greater than 0 but less than \$50,000.

FFRDCs = federally funded research and development centers.

^a Includes costs associated with administration of intramural and extramural programs by federal personnel and actual intramural performance.

^b Beginning in FY 2003 Substance Abuse and Mental Health Services Administration reclassified some of its funding categories that were considered R&D in prior years.

NOTES: Because of rounding, detail may not add to total. Data for only those agencies and subdivisions that had obligations in variables represented by this table appear in table. See appendix B for additional notes associated with agencies listed in this table. Totals on this table do not include Department of Homeland Security.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: FY 2003, 2004, and 2005.