

TABLE 9. Preliminary federal obligations for research and development, by agency and performer: FY 2009

(Dollars in millions)

Agency	Total R&D	Intramural ^a	Extramural							
			United States and U.S. territories							Foreign
			Industry	Industry FFRDC	Universities and colleges	University FFRDC	Other nonprofits	Nonprofit FFRDC	State, local governments	
All agencies	119,730.6	28,354.1	46,444.9	2,572.3	28,867.1	3,931.1	6,316.5	2,260.6	431.9	551.9
Departments										
Department of Agriculture	2,456.4	1,543.5	18.7	0.0	857.2	0.0	24.1	0.0	9.9	3.1
Agricultural Marketing Service	4.3	4.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Agricultural Research Service	1,140.4	1,050.8	0.0	0.0	74.8	0.0	10.8	0.0	1.1	2.8
Animal and Plant Health Inspection Service	29.5	27.1	0.0	0.0	2.4	0.0	0.0	0.0	0.0	0.0
Economic Research Service	81.3	78.1	0.5	0.0	2.2	0.0	0.5	0.0	0.0	0.0
Foreign Agricultural Service	0.4	0.2	0.0	0.0	0.2	0.0	*	0.0	0.0	0.0
Forest Service	356.0	312.6	1.1	0.0	31.8	0.0	2.6	0.0	7.6	0.3
Grain Inspection, Packers, and Stockyards Administration	6.5	6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Agricultural Statistics Service	7.2	7.0	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0
National Institute of Food and Agriculture	826.9	55.8	17.0	0.0	745.4	0.0	7.6	0.0	1.1	0.0
Rural Business-Cooperative Service	3.8	1.1	0.0	0.0	0.1	0.0	2.6	0.0	0.0	0.0
Department of Commerce	1,359.6	900.0	265.3	0.1	173.3	0.8	14.8	1.2	2.3	1.7
Economic Development Administration	2.9	0.1	0.0	0.0	1.2	0.0	1.6	0.0	0.0	0.0
National Institute of Standards and Technology	712.8	422.6	258.9	0.1	24.6	0.0	4.1	1.2	0.2	1.2
National Oceanic and Atmospheric Administration	611.3	444.7	6.5	0.0	147.5	0.8	9.1	0.0	2.1	0.6
National Telecommunications and Information Administration	6.9	6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
U.S. Census Bureau	25.6	25.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Defense	59,440.5	15,914.9	38,778.9	727.5	2,405.2	355.6	380.0	666.0	21.9	190.5
Defense agencies and activities	16,500.8	4,455.2	9,934.3	591.8	896.7	190.1	126.6	142.7	10.2	153.2
Chemical and Biological Defense	770.9	505.8	196.9	4.6	39.6	2.3	11.7	0.6	0.0	9.4
Defense Advanced Research Projects Agency	3,554.1	258.4	2,479.8	35.8	571.7	68.9	94.2	20.7	0.0	24.5
Defense Business Transformation Agency	188.0	95.9	92.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Defense Contract Management Agency	12.0	0.6	11.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Defense Information Systems Agency	288.7	50.4	227.5	0.0	0.0	0.0	0.0	10.8	0.0	0.0
Defense Logistics Agency	133.8	93.2	29.2	0.0	0.6	0.0	0.6	0.0	10.2	0.0
Defense Technical Information Center	52.1	48.8	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Defense Threat Reduction Agency	476.9	101.2	282.9	34.2	33.9	10.6	0.8	13.3	0.0	0.1
Joint Staff	59.3	59.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Missile Defense Agency	8,245.9	2,281.2	5,391.7	387.9	19.3	33.2	0.9	25.7	0.0	105.9
Office of the Secretary of Defense	2,243.0	893.0	816.3	127.1	228.0	75.1	18.4	71.6	0.0	13.4
Special Operations Command	476.2	67.4	403.0	2.1	3.6	0.0	0.0	*	0.0	0.0
Department of the Air Force	11,089.1	1,812.1	8,453.0	94.7	282.8	75.9	34.1	324.0	5.0	7.5
Department of the Army	11,202.9	3,096.4	7,522.5	15.5	433.6	22.1	53.5	47.3	4.1	7.9
Department of the Navy	20,461.4	6,478.4	12,801.1	25.6	785.4	67.4	165.9	113.1	2.7	21.8
Operational Test and Evaluation, Director	186.2	72.7	67.9	0.0	6.8	0.0	0.0	38.8	0.0	0.0

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Department of Education	321.3	17.1	18.2	0.0	206.8	0.0	78.6	0.0	0.6	0.0
Department of Energy	8,680.5	682.2	1,185.8	1,096.7	922.3	3,242.2	155.8	1,373.9	20.2	1.2
Bonneville Power Administration	7.1	7.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Civilian Radioactive Waste Management	0.1	*	0.0	0.1	0.0	*	0.0	0.0	0.0	0.0
Electricity Delivery and Energy Reliability	142.3	12.3	42.2	15.0	21.0	5.2	9.5	32.3	4.8	0.0
Energy Efficiency and Renewable Energy	774.0	302.4	0.0	53.2	79.5	71.5	22.0	245.3	0.0	0.0
Environmental Management	30.2	*	21.0	0.5	0.3	1.7	0.0	6.6	0.0	0.0
Fossil Energy	436.0	135.1	102.5	29.7	53.9	17.1	61.7	20.4	15.4	0.0
National Nuclear Security Administration	3,537.3	142.4	856.4	789.2	68.9	1,589.6	25.3	65.5	0.0	0.0
Defense Programs	2,476.2	141.7	170.7	549.8	55.0	1,537.3	21.7	0.0	0.0	0.0
Naval Reactors	746.1	*	681.1	62.6	0.0	0.8	1.5	0.1	0.0	0.0
Nonproliferation and Verification	315.1	0.7	4.6	176.9	13.9	51.5	2.2	65.4	0.0	0.0
Nuclear Energy	116.0	*	1.5	84.3	0.6	14.2	0.0	15.3	0.0	0.0
Office of Science	3,637.6	82.8	162.3	124.7	698.1	1,542.8	37.3	988.5	0.0	1.2
Department of Health and Human Services	30,734.5	5,713.6	1,693.0	640.2	17,540.8	54.9	4,558.6	28.0	196.9	308.4
Administration for Children and Families	19.9	0.3	0.0	0.0	10.0	0.0	9.6	0.0	0.0	0.0
Agency for Healthcare Research and Quality	371.6	88.4	119.1	0.0	88.4	0.0	72.4	0.0	2.2	1.1
Agency for Toxic Substances and Disease Registry	4.5	3.0	0.3	0.0	0.6	0.0	0.6	0.0	0.0	0.0
Centers for Disease Control and Prevention	455.2	119.6	16.1	2.4	139.6	0.0	82.0	0.0	76.9	18.6
Centers for Medicare and Medicaid Services	30.1	*	16.7	0.0	1.3	0.0	6.5	0.0	5.5	0.0
Food and Drug Administration	166.4	146.3	3.9	0.0	9.7	0.0	6.2	0.0	0.0	0.4
Health Resources and Services Administration	52.8	3.3	0.0	0.0	13.9	0.0	32.7	0.0	2.9	0.0
National Institutes of Health	29,613.2	5,342.9	1,531.8	637.8	17,274.4	54.9	4,345.7	28.0	109.4	288.3
Office of the Secretary	20.7	9.7	5.1	0.0	3.0	0.0	2.9	0.0	0.0	0.0
Office of the Assistant Secretary, Planning and Evaluation	20.7	9.7	5.1	0.0	3.0	0.0	2.9	0.0	0.0	0.0
Department of Homeland Security	1,063.5	402.0	244.7	80.8	93.3	58.6	36.6	144.1	2.8	0.5
Science and Technology Directorate	1,031.0	389.6	224.9	80.7	93.2	58.6	36.6	144.1	2.8	0.5
U.S. Coast Guard	32.2	12.1	19.8	0.2	0.1	0.0	0.0	0.0	0.0	0.0
U.S. Secret Service	0.3	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Housing and Urban Development	33.2	22.0	10.2	0.0	0.2	0.0	0.8	0.0	0.0	0.0
Department of the Interior	657.7	579.3	14.9	0.0	45.4	0.0	8.3	0.0	8.3	1.5
Bureau of Reclamation	8.2	2.6	2.1	0.0	0.7	0.0	2.8	0.0	0.1	0.0
Minerals Management Service	37.9	16.5	11.4	0.0	7.1	0.0	0.1	0.0	1.3	1.5
U.S. Geological Survey	611.6	560.2	1.4	0.0	37.7	0.0	5.4	0.0	6.9	0.0
Department of Justice	123.7	30.8	18.8	0.0	40.4	0.0	12.6	10.2	10.8	0.0
Bureau of Prisons	10.5	2.8	0.0	0.0	0.0	0.0	0.0	0.0	7.6	0.0
Federal Bureau of Investigation	14.5	14.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Office of Justice Programs	98.7	13.5	18.8	0.0	40.4	0.0	12.6	10.2	3.2	0.0

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Department of Labor	45.5	15.7	13.3	0.0	0.4	0.0	14.4	0.0	1.7	0.0
Bureau of Labor Statistics	25.8	10.2	2.1	0.0	0.0	0.0	13.5	0.0	0.0	0.0
Employee Benefits Security Administration	2.2	1.1	0.6	0.0	0.0	0.0	0.5	0.0	0.0	0.0
Employment and Training Administration	10.3	0.0	7.8	0.0	0.4	0.0	0.4	0.0	1.7	0.0
Occupational Safety and Health Administration	4.5	3.8	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pension Benefit Guaranty Corporation	2.7	0.6	2.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of State	4.0	0.8	3.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Transportation	888.8	205.5	384.2	8.1	71.0	15.6	60.1	3.9	140.2	0.1
Federal Aviation Administration	330.5	79.7	211.3	1.8	26.4	11.4	0.0	0.0	0.0	0.0
Federal Highway Administration	370.0	39.9	131.9	0.0	18.4	4.2	49.1	3.4	123.1	0.0
Federal Motor Carrier Safety Administration	6.9	3.3	1.5	0.0	1.6	0.0	0.5	0.0	0.0	0.0
Federal Railroad Administration	46.7	18.9	17.2	6.3	4.2	0.0	0.0	0.0	0.0	0.0
Federal Transit Administration	14.6	1.0	0.0	0.0	5.5	0.0	7.7	0.0	0.4	0.0
National Highway Traffic Safety Administration	63.4	39.2	13.3	0.0	11.0	0.0	0.0	0.0	0.0	0.0
Office of the Secretary	30.3	9.0	0.0	0.0	3.6	0.0	1.0	0.0	16.8	0.0
Pipeline and Hazardous Materials Safety Administration	15.2	3.7	9.1	0.0	0.5	0.0	1.8	0.0	0.0	0.1
Research and Innovative Technology Administration	11.2	10.7	0.0	0.0	0.0	0.0	0.0	0.5	0.0	0.0
Department of the Treasury	71.4	66.2	5.0	0.0	*	0.0	0.0	0.2	0.0	0.0
Bureau of Engraving and Printing	5.9	5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Internal Revenue Service	64.9	59.6	5.0	0.0	*	0.0	0.0	0.2	0.0	0.0
U.S. Mint	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Veterans Affairs	509.5	509.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other agencies										
Agency for International Development	158.2	20.2	11.6	0.0	29.4	0.0	97.1	0.0	0.0	0.0
Appalachian Regional Commission	0.8	0.1	0.3	0.0	0.3	0.0	0.2	0.0	0.0	0.0
Environmental Protection Agency	566.4	428.1	67.5	0.0	53.0	0.0	15.9	0.0	0.8	1.2
Federal Communications Commission	7.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Federal Trade Commission	2.4	2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Library of Congress	0.9	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Aeronautics and Space Administration	5,853.5	1,059.7	3,440.3	1.2	1,123.8	3.5	205.7	13.2	1.0	5.1
National Archives and Records Administration	4.6	0.1	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0
National Science Foundation	6,430.2	50.0	204.4	0.1	5,289.7	193.4	643.8	0.9	14.0	33.9

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			Industry	Industry FFRDC	Universities and colleges	University FFRDC	Other nonprofits	Nonprofit FFRDC	State, local governments	
Nuclear Regulatory Commission	81.6	25.4	6.6	17.5	1.3	6.5	0.9	19.0	0.0	4.4
Smithsonian Institution	150.0	150.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Social Security Administration	84.8	7.3	60.0	0.0	8.6	0.0	8.1	0.0	0.5	0.3

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

FFRDC = federally funded research and development center.

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

NOTES: Department of the Air Force did not include Budget Activity 6.7 Operational Systems Development in preliminary FY 2009 data; therefore these data are not comparable to FY 2008 (actual) data. Because of rounding, detail may not add to total. Only those agencies and subdivisions that had obligations in variables represented by this table appear in table. See appendix C for additional notes associated with agencies listed in this table.

SOURCE: National Science Foundation/National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development: FY 2008–10.