

TABLE 10. Preliminary federal obligations for research and development, by agency and performer: FY 2011

(Dollars in millions)

Agency	Extramural									
	Total R&D	Intramural ^a	United States and U.S. territories							Foreign
			Industry	Industry FFRDC	Universities and colleges	University FFRDC	Other nonprofits	Nonprofit FFRDC	State, local governments	
All agencies	127,786.6	32,223.7	49,948.9	4,060.6	28,373.0	3,455.6	6,391.8	2,481.9	366.3	484.9
Departments										
Department of Agriculture	2,579.9	1,629.5	21.9	0.0	893.9	0.0	21.4	0.0	10.5	2.7
Agricultural Marketing Service	5.3	5.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Agricultural Research Service	1,199.7	1,129.5	0.0	0.0	57.9	0.0	8.9	0.0	1.0	2.4
Animal and Plant Health Inspection Service	29.4	19.6	0.0	0.0	9.8	0.0	0.0	0.0	0.0	0.0
Economic Research Service	103.6	97.5	0.6	0.0	4.7	0.0	0.8	0.0	0.0	0.0
Foreign Agricultural Service	0.4	0.3	0.0	0.0	0.1	0.0	*	0.0	0.0	0.0
Forest Service	356.0	308.1	1.4	0.0	34.3	0.0	3.5	0.0	8.4	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	7.3	7.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0
National Institute of Food and Agriculture	867.6	54.7	19.9	0.0	786.6	0.0	5.3	0.0	1.1	0.0
Rural Business-Cooperative Service	4.2	1.1	0.0	0.0	0.3	0.0	2.8	0.0	0.0	0.0
Department of Commerce	1,419.5	1,093.5	94.1	0.0	214.6	3.4	10.4	2.4	0.9	0.1
Economic Development Administration	4.2	0.2	0.0	0.0	2.5	0.0	0.0	1.5	0.0	0.0
National Institute of Standards and Technology	585.3	432.4	93.9	0.0	47.6	*	10.0	1.0	0.3	0.1
National Oceanic and Atmospheric Administration	782.3	613.2	0.2	0.0	164.5	3.4	0.4	0.0	0.6	0.0
National Telecommunications and Information Administration	8.9	8.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
U.S. Census Bureau	38.9	38.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Defense	65,530.5	18,983.8	42,604.5	293.2	2,178.1	266.7	361.5	667.8	7.5	167.4
Defense agencies and activities	15,137.5	5,657.7	7,968.5	174.7	800.7	150.3	131.7	122.7	0.0	131.1
Chemical and Biological Defense	1,146.7	484.4	552.6	9.4	45.1	15.5	13.0	6.1	0.0	20.4
Defense Advanced Research Projects Agency	3,092.1	213.9	2,158.5	28.8	516.0	42.7	79.4	21.7	0.0	31.1
Defense Contract Management Agency	11.7	0.4	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Defense Information Systems Agency	239.4	48.3	185.6	0.0	0.0	1.4	0.0	4.1	0.0	0.0
Defense Logistics Agency	115.8	73.7	25.3	0.0	16.2	0.0	0.5	0.0	0.0	0.0
Defense Technical Information Ctr.	59.9	55.1	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Defense Threat Reduction Agency	557.4	122.5	291.5	49.7	61.6	3.4	20.0	6.9	0.0	1.7
Joint Staff	123.7	122.2	0.0	0.0	0.0	0.0	0.0	1.5	0.0	0.0
Missile Defense Agency	7,454.6	3,725.4	3,547.2	49.9	15.6	39.1	4.4	16.8	0.0	56.3
Office of the Secretary of Defense	1,861.6	744.0	787.6	36.2	144.1	48.3	14.3	65.7	0.0	21.4
Special Operations Command	474.7	67.7	404.2	0.8	2.1	0.0	0.0	0.0	0.0	0.0
Department of the Air Force	22,460.4	3,335.3	18,249.1	57.0	345.7	70.8	52.8	336.2	4.7	8.8
Department of the Army	10,211.8	4,084.7	5,588.7	24.8	360.7	7.4	72.0	70.5	0.0	3.1
Department of the Navy	17,526.2	5,860.9	10,700.6	36.7	662.7	38.1	105.1	95.2	2.8	24.4
Operational Test and Evaluation, Director	194.4	45.3	97.7	0.0	8.2	0.0	0.0	43.2	0.0	0.0
Department of Education	402.3	16.3	18.7	0.0	282.6	0.0	84.7	0.0	0.0	0.0

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Department of Energy	9,985.4	842.7	1,496.1	2,994.3	1,014.5	1,855.7	129.5	1,637.2	13.2	2.3	
Bonneville Power Administration	5.1	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Electricity Delivery and Energy Reliability	144.3	15.4	19.4	27.7	7.3	8.0	18.2	48.2	0.0	0.0	
Energy Efficiency and Renewable Energy	1,070.9	418.4	0.0	72.2	110.0	99.0	30.4	340.9	0.0	0.0	
Environmental Management	120.0	*	37.2	52.8	1.2	2.4	0.0	26.4	0.0	0.0	
Fossil Energy	374.4	116.1	88.6	24.3	46.3	15.0	53.1	17.8	13.2	*	
National Nuclear Security Administration	3,798.9	231.7	1,062.3	2,390.4	66.2	4.8	4.2	39.3	0.0	0.0	
Defense Programs	2,628.1	231.2	169.8	2,164.0	62.5	0.0	0.7	0.0	0.0	0.0	
Naval Reactors	955.1	*	890.2	63.1	0.0	0.7	1.1	0.1	0.0	0.0	
Nonproliferation and Verification	215.6	0.5	2.3	163.3	3.8	4.1	2.5	39.2	0.0	0.0	
Nuclear Energy	495.3	*	115.3	242.8	51.7	35.0	0.0	50.5	0.0	0.0	
Office of Science	3,976.6	56.0	173.3	184.1	731.6	1,691.6	23.5	1,114.1	0.0	2.3	
Department of Health and Human Services	32,627.2	6,086.3	1,840.0	722.8	18,598.1	60.6	4,830.0	54.3	158.2	276.9	
Administration for Children and Families	14.5	0.3	0.0	0.0	12.6	0.0	1.7	0.0	0.0	*	
Agency for Healthcare Research and Quality	610.9	127.6	190.9	0.0	165.4	0.0	119.8	0.0	3.1	4.2	
Agency for Toxic Substances and Disease Registry	4.3	3.0	0.3	0.0	0.2	0.0	0.8	0.0	0.0	0.0	
Ctrs. for Disease Control and Prevention	396.5	147.8	33.3	4.3	105.3	8.0	20.5	3.9	61.6	11.9	
Ctrs. for Medicare and Medicaid Services	47.2	*	36.5	0.0	1.9	0.0	5.6	0.0	3.1	0.0	
Food and Drug Administration	231.7	210.1	4.0	0.0	9.1	0.0	8.4	0.0	0.0	0.0	
Health Resources and Services Administration	39.5	3.6	0.0	0.0	16.8	0.0	19.1	0.0	0.0	0.0	
National Institutes of Health	31,260.7	5,588.5	1,569.6	718.5	18,283.3	52.6	4,646.6	50.4	90.4	260.7	
Office of the Secretary	21.9	5.5	5.4	0.0	3.5	0.0	7.5	0.0	0.0	0.0	
Office of the Assistant Secretary, Planning and Evaluation	21.9	5.5	5.4	0.0	3.5	0.0	7.5	0.0	0.0	0.0	
Department of Homeland Security	711.1	258.8	126.0	28.6	93.9	75.3	54.9	69.9	3.4	0.4	
Science and Technology Directorate	690.4	248.7	115.4	28.6	93.9	75.3	54.9	69.9	3.4	0.4	
U.S. Coast Guard	20.8	10.1	10.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Department of Housing and Urban Development	146.1	49.2	77.4	0.0	1.3	0.0	18.1	0.0	0.0	0.0	
Department of the Interior	728.4	649.5	13.6	0.0	48.8	0.0	2.7	3.1	10.3	0.3	
Bureau of Reclamation	9.2	2.9	2.3	0.0	0.7	0.0	0.0	3.1	0.1	0.0	
Minerals Management Service	40.0	20.0	10.3	0.0	7.4	0.0	0.3	0.0	1.6	0.3	
U.S. Geological Survey	679.2	626.6	1.1	0.0	40.7	0.0	2.4	0.0	8.5	0.0	
Department of Justice	59.9	37.0	5.0	0.0	6.0	0.0	3.5	0.0	8.4	0.0	
Bureau of Prisons	10.9	3.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9	0.0	
Federal Bureau of Investigation	30.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Office of Justice Programs	19.0	4.0	5.0	0.0	6.0	0.0	3.5	0.0	0.5	0.0	
Department of Labor	26.4	6.7	11.9	0.0	0.3	0.0	5.0	0.0	2.6	0.0	
Employee Benefits Security Administration	3.0	1.2	1.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Employment and Training Administration	16.1	0.0	9.3	0.0	0.3	0.0	5.0	0.0	1.4	0.0	
Occupational Safety and Health Administration	5.9	4.8	0.0	0.0	0.0	0.0	0.0	0.0	1.1	0.0	

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Pension Benefit Guaranty Corp.	1.4	0.6	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of State	2.9	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Transportation	936.4	273.5	400.2	4.3	60.9	0.3	51.5	11.2	133.6	0.8
Federal Aviation Administration	332.7	114.5	196.3	4.2	7.7	0.0	0.0	9.9	0.0	0.0
Federal Highway Administration	399.9	64.0	131.7	0.0	23.0	0.3	47.2	1.3	132.4	0.0
Federal Motor Carrier Safety Administration	6.1	2.4	0.8	0.0	3.0	0.0	0.0	0.0	0.0	0.0
Federal Railroad Administration	71.9	29.6	37.5	0.0	4.0	0.0	0.0	0.0	0.5	0.3
Federal Transit Administration	33.2	1.2	16.7	0.0	14.5	0.0	0.0	0.0	0.7	0.0
National Highway Traffic Safety Administration	66.0	46.4	11.2	0.0	8.4	0.0	0.0	0.0	0.0	0.0
Office of the Secretary	9.8	6.6	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.0
Pipeline and Hazardous Materials Safety Administration	9.7	1.7	6.0	0.1	0.3	0.0	1.2	0.0	0.0	0.5
Research and Innovative Technology Administration	7.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of the Treasury	75.7	68.3	7.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0
Bureau of Engraving and Printing	3.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Internal Revenue Service	70.6	64.3	6.0	0.0	0.4	0.0	0.0	0.0	0.0	0.0
U.S. Mint	1.2	0.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Veterans Affairs	590.0	590.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other agencies										
Agency for International Development	112.5	6.4	10.1	0.0	16.6	0.0	74.7	0.0	0.0	4.7
Appalachian Regional Commission	0.7	*	0.7	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Environmental Protection Agency	526.9	424.6	46.2	0.0	48.9	0.0	6.4	0.0	0.5	0.3
Federal Communications Commission	4.7	4.7	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	1.3	1.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Aeronautics and Space Administration	5,886.2	963.2	2,928.8	0.9	741.9	1,029.2	195.4	18.2	1.6	7.0
National Archives and Records Administration	4.5	1.2	0.0	0.0	3.3	0.0	0.0	0.0	0.0	0.0
National Science Foundation	5,103.5	26.2	188.7	0.0	4,158.9	156.9	533.3	5.2	15.3	19.1
Nuclear Regulatory Commission	54.5	3.8	9.6	16.5	0.9	7.5	0.7	12.6	0.0	2.9
Smithsonian Institution	178.0	178.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Social Security Administration	89.6	23.7	48.4	0.0	9.0	0.0	8.2	0.0	0.3	0.0

* = 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: 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 2009–11.