

TABLE 4. Federal obligations and outlays for research and development, by agency: FYs 2010–12
(Dollars in millions)

Agency	Obligations				Outlays					
	2010		Preliminary		2010		Preliminary		2012	
	ARRA	Non-ARRA	2011	2012	ARRA	Non-ARRA	2011			
							ARRA	Non-ARRA		
All agencies	6,620.8	133,733.7	132,140.6	130,952.4	5,224.1	126,163.5	3,231.2	128,676.9	133,858.4	
Departments										
Department of Agriculture	0.1	2,364.1	2,591.3	2,377.9	0.1	2,308.8	0.0	2,359.3	2,647.0	
Agricultural Marketing Service	0.0	4.4	4.3	4.3	0.0	4.4	0.0	4.3	4.3	
Agricultural Research Service	0.0	1,178.3	1,185.0	1,200.0	0.0	1,199.9	0.0	1,239.4	1,216.0	
Animal and Plant Health Inspection Service	0.0	30.1	29.1	28.0	0.0	25.6	0.0	25.0	23.8	
Economic Research Service	0.1	86.3	88.4	77.8	0.1	86.3	0.0	83.5	72.0	
Foreign Agricultural Service	0.0	0.4	0.4	0.4	0.0	0.4	0.0	0.4	0.4	
Forest Service	0.0	356.5	384.0	325.0	0.0	363.0	0.0	378.0	391.0	
Grain Inspection, Packers, and Stockyards Administration	0.0	6.3	6.7	6.7	0.0	6.3	0.0	6.7	6.7	
National Agricultural Statistics Service	0.0	7.5	7.3	7.3	0.0	7.5	0.0	7.3	7.3	
National Institute of Food and Agriculture	0.0	689.6	882.0	724.3	0.0	611.7	0.0	611.7	922.4	
Rural Business-Cooperative Service	0.0	4.8	4.2	4.2	0.0	3.7	0.0	3.1	3.1	
Department of Commerce	162.6	1,111.8	1,135.5	1,495.1	40.0	1,081.6	60.7	1,114.7	1,508.9	
Economic Development Administration	0.0	6.8	0.6	5.2	0.0	7.3	0.0	0.6	5.2	
National Institute of Standards and Technology	162.6	524.7	563.1	794.2	40.0	494.6	60.7	542.5	808.2	
National Oceanic and Atmospheric Administration	0.0	525.4	524.2	574.6	0.0	525.4	0.0	524.2	574.6	
National Telecommunications and Information Administration	0.0	7.6	8.1	8.8	0.0	7.0	0.0	8.0	8.6	
U.S. Census Bureau	0.0	47.2	39.5	112.3	0.0	47.2	0.0	39.5	112.3	
Department of Defense	120.3	73,350.7	71,684.2	70,868.9	75.4	67,539.4	62.9	70,382.3	69,650.4	
Defense agencies and activities	25.4	16,239.1	14,772.1	13,754.9	25.9	15,183.8	25.0	16,723.0	13,818.0	
Chemical and Biological Defense	0.0	1,184.9	308.0	336.9	0.0	1,184.9	0.0	433.4	532.2	
Defense Advanced Research Projects Agency	0.0	3,445.3	3,167.7	2,996.8	0.0	2,940.0	0.0	2,957.4	2,974.2	
Defense Business Transformation Agency	0.0	210.0	101.7	0.0	0.0	230.5	0.0	109.9	0.0	
Defense Contract Management Agency	0.0	11.7	11.7	12.2	0.0	11.9	0.0	11.9	12.3	
Defense Information Systems Agency	0.0	294.2	236.7	226.4	0.0	256.0	0.0	209.4	248.6	
Defense Logistics Agency	6.9	176.2	120.5	146.7	4.1	184.1	1.9	145.6	105.8	
Defense Security Cooperation Agency	0.0	2.1	2.3	2.5	0.0	1.7	0.0	2.5	2.8	
Defense Technical Information Ctr.	0.0	57.8	59.8	56.4	0.0	51.1	0.0	53.8	56.7	
Defense Threat Reduction Agency	0.0	527.2	550.9	533.7	0.0	456.6	0.0	523.0	535.1	
Joint Staff	0.0	111.8	90.6	85.0	0.0	0.0	0.0	0.0	0.0	
Missile Defense Agency	0.0	7,291.5	7,477.9	6,917.2	0.0	7,272.2	0.0	7,460.8	6,886.4	
Office of the Secretary of Defense	18.5	2,479.8	2,365.2	2,022.4	21.8	2,148.0	23.1	4,536.3	2,045.1	
Special Operations Command	0.0	446.8	279.1	418.9	0.0	446.8	0.0	279.1	418.9	
Department of the Air Force	23.1	26,498.4	28,530.7	29,462.6	33.5	26,072.7	37.9	27,057.8	30,182.3	
Department of the Army	60.0	10,793.3	10,366.3	9,626.6	14.8	9,194.8	0.0	10,993.3	10,126.8	
Department of the Navy	11.8	19,623.2	17,822.0	17,833.7	1.3	16,903.9	0.0	15,421.1	15,333.3	
Operational Test and Evaluation, Director	0.0	196.9	193.1	191.1	0.0	184.2	0.0	187.0	189.9	

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	ARRA	Non-ARRA	2011	2012	ARRA	Non-ARRA	2011		2012
							ARRA	Non-ARRA	
Department of Education	0.0	362.8	346.3	399.3	0.0	321.7	0.0	414.5	350.7
Department of Energy	1,216.8	9,468.8	9,136.2	10,314.5	329.7	8,656.6	1,937.1	8,539.0	12,601.0
Advanced Research Projects Agency-Energy	377.8	0.0	17.8	178.1	63.8	0.0	107.5	2.0	132.0
Bonneville Power Administration	0.0	13.1	13.2	15.3	0.0	13.1	0.0	13.2	15.3
Electricity Delivery and Energy Reliability	0.0	113.3	103.3	179.4	0.0	83.0	0.0	92.5	138.4
Energy Efficiency and Renewable Energy	715.1	1,180.0	1,070.9	999.7	133.7	781.4	1,775.9	1,058.2	3,488.2
Environmental Management	0.0	89.8	69.4	133.2	0.0	69.9	0.0	69.4	133.2
Fossil Energy	0.0	484.8	410.6	296.5	4.6	345.1	26.9	0.3	341.6
National Nuclear Security Administration	0.0	3,448.4	3,616.5	3,998.7	0.0	3,488.8	0.0	3,460.8	3,833.4
Defense Programs	0.0	2,247.4	2,385.9	2,619.0	0.0	2,285.1	0.0	2,338.1	2,566.7
Naval Reactors	0.0	914.3	913.2	1,062.2	0.0	866.1	0.0	833.2	977.2
Nonproliferation and Verification	0.0	286.7	317.5	317.5	0.0	337.6	0.0	289.6	289.6
Nuclear Energy	0.0	368.1	180.8	377.4	0.0	368.1	0.0	180.8	377.4
Office of Science	123.9	3,771.2	3,653.7	4,136.3	127.5	3,507.1	26.9	3,661.8	4,141.4
Department of Health and Human Services	4,696.4	31,238.2	31,573.7	32,073.4	4,253.2	30,674.6	38.5	30,345.5	31,390.2
Administration for Children and Families	0.0	6.8	6.9	7.0	0.0	6.5	0.0	6.6	6.8
Agency for Healthcare Research and Quality	435.7	416.8	1,090.6	610.9	0.0	0.0	0.0	0.0	0.0
Agency for Toxic Substances and Disease Registry	0.0	2.8	3.8	3.5	0.0	2.8	0.0	3.8	3.5
Ctrs. for Disease Control and Prevention	0.0	446.9	427.4	414.0	38.6	304.4	38.5	294.1	321.5
Ctrs. for Medicare and Medicaid Services	46.1	35.6	35.5	31.2	0.0	53.9	0.0	55.9	76.0
Food and Drug Administration	0.0	210.6	231.7	233.1	0.0	188.4	0.0	207.3	208.5
Health Resources and Services Administration	4.5	61.8	36.2	35.6	4.5	61.8	0.0	36.2	35.9
National Institutes of Health	4,176.3	30,036.3	29,720.9	30,718.5	4,176.3	30,036.3	0.0	29,720.9	30,718.5
Office of the Secretary	33.8	20.6	20.6	19.6	33.8	20.6	0.0	20.6	19.6
Office of the Assistant Secretary, Planning and Evaluation	33.8	20.6	20.6	19.6	33.8	20.6	0.0	20.6	19.6
Department of Homeland Security	0.0	674.1	634.7	710.6	0.0	583.1	0.0	511.8	643.2
Science and Technology Directorate	0.0	649.4	590.7	689.9	0.0	557.2	0.0	479.7	621.8
U.S. Coast Guard	0.0	24.7	44.0	20.6	0.0	25.9	0.0	32.1	21.4
Department of Housing and Urban Development	0.0	61.7	90.5	105.8	0.0	50.5	0.0	49.3	71.8
Department of the Interior	0.5	721.2	688.6	708.8	0.5	719.5	0.0	689.8	708.4
Bureau of Ocean Energy Management, Regulation and Enforcement	0.0	43.4	39.4	46.0	0.0	41.7	0.0	40.6	45.6
Bureau of Reclamation	0.5	9.2	9.2	9.2	0.5	9.2	0.0	9.2	9.2
National Park Service	0.0	7.6	0.0	0.0	0.0	7.6	0.0	0.0	0.0
U.S. Geological Survey	0.0	661.1	640.0	653.6	0.0	661.1	0.0	640.0	653.6
Department of Justice	0.0	125.4	101.0	43.9	0.0	118.6	0.0	121.9	56.2
Bureau of Prisons	0.0	10.8	10.9	11.2	0.0	10.8	0.0	10.9	11.2

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							ARRA	Non-ARRA	
Federal Bureau of Investigation	0.0	30.0	17.7	17.7	0.0	30.0	0.0	30.0	30.0
Office of Justice Programs	0.0	84.6	72.4	15.0	0.0	77.8	0.0	81.1	15.0
Department of Labor	0.1	14.1	13.9	10.5	0.1	11.8	0.0	11.5	8.1
Employee Benefits Security Administration	0.1	5.6	5.1	2.5	0.1	4.4	0.0	3.7	1.1
Occupational Safety and Health Administration	0.0	5.9	6.1	6.2	0.0	4.8	0.0	5.0	5.1
Pension Benefit Guaranty Corp.	0.0	2.6	2.8	1.8	0.0	2.6	0.0	2.8	1.8
Department of State	0.0	2.9	3.3	3.3	0.0	2.9	0.0	3.3	3.3
Department of Transportation	0.0	908.1	997.0	986.0	0.0	760.5	0.0	827.3	828.0
Federal Aviation Administration	0.0	390.4	419.2	392.7	0.0	239.0	0.0	242.0	241.0
Federal Highway Administration	0.0	336.8	360.2	346.5	0.0	352.4	0.0	351.7	334.2
Federal Motor Carrier Safety Administration	0.0	6.9	6.3	6.9	0.0	6.9	0.0	6.3	6.9
Federal Railroad Administration	0.0	41.1	71.9	92.6	0.0	44.0	0.0	40.7	92.6
Federal Transit Administration	0.0	22.6	27.9	31.1	0.0	21.7	0.0	27.0	26.0
National Highway Traffic Safety Administration	0.0	70.8	64.8	89.5	0.0	64.6	0.0	111.0	99.3
Office of the Secretary	0.0	23.5	25.3	9.8	0.0	20.3	0.0	36.3	14.8
Pipeline and Hazardous Materials Safety Administration	0.0	10.0	14.7	10.1	0.0	7.6	0.0	9.3	10.2
Research and Innovative Technology Administration	0.0	6.0	6.8	6.8	0.0	4.0	0.0	3.0	3.0
Department of the Treasury	0.0	68.5	77.9	76.0	0.0	68.5	0.0	77.9	76.0
Bureau of Engraving and Printing	0.0	1.2	5.5	3.8	0.0	1.2	0.0	5.5	3.8
Internal Revenue Service	0.0	66.3	70.5	70.5	0.0	66.3	0.0	70.5	70.5
U.S. Mint	0.0	1.1	1.9	1.6	0.0	1.1	0.0	1.9	1.6
Department of Veterans Affairs	0.6	562.5	579.0	521.0	0.6	580.5	0.0	580.0	580.0
Other agencies									
Agency for International Development	0.0	84.3	80.1	76.1	0.0	168.7	0.0	160.2	152.2
Appalachian Regional Commission	0.0	0.6	0.7	0.7	0.0	0.6	0.0	0.7	0.7
Environmental Protection Agency	0.0	572.3	577.0	578.9	0.0	594.7	0.0	581.7	584.1
Federal Communications Commission	0.0	3.7	3.7	3.9	0.0	3.7	0.0	3.7	3.9
Federal Trade Commission	0.0	3.0	1.9	2.0	0.0	3.0	0.0	1.9	2.0
Library of Congress	0.0	1.4	1.3	1.4	0.0	1.2	0.0	1.1	1.2
National Aeronautics and Space Administration	385.2	6,736.0	6,570.5	3,586.4	487.5	6,828.4	461.1	5,684.4	6,015.8
National Archives and Records Administration	0.0	4.6	3.1	2.5	0.0	4.6	0.0	3.1	2.5
National Science Foundation	38.2	4,977.5	4,924.4	5,662.6	37.0	4,772.0	671.0	5,890.0	5,632.0

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	ARRA	Non-ARRA	2011	2012	ARRA	Non-ARRA	2011		
							ARRA	Non-ARRA	
Nuclear Regulatory Commission	0.0	85.4	83.8	78.1	0.0	81.0	0.0	84.0	78.0
Smithsonian Institution	0.0	167.0	169.0	170.0	0.0	164.0	0.0	166.0	168.0
Social Security Administration	0.0	63.0	72.1	94.8	0.0	63.0	0.0	72.1	94.8

ARRA = American Recovery and Reinvestment Act of 2009.

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: FYs 2010–12.