

TABLE 10. Preliminary federal obligations for research and development, by agency and performer: FY 2012
(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	130,952.4	29,691.3	55,080.2	4,033.5	28,708.0	3,116.7	6,335.3	3,085.8	398.1	503.5	
Departments											
Department of Agriculture	2,377.9	1,582.2	18.5	0.0	734.7	0.0	29.0	0.0	11.0	2.6	
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	1,200.0	1,134.3	0.0	0.0	52.8	0.0	9.9	0.0	1.1	1.9	
Animal and Plant Health Inspection Service	28.0	15.3	0.0	0.0	12.6	0.0	0.0	0.0	0.0	0.0	
Economic Research Service	77.8	74.9	0.6	0.0	2.1	0.0	0.3	0.0	0.0	0.0	
Foreign Agricultural Service	0.4	0.3	0.0	0.0	0.1	0.0	0.1	0.0	0.0	0.0	
Forest Service	325.0	280.5	0.9	0.0	31.3	0.0	3.3	0.0	8.2	0.7	
Grain Inspection, Packers, and Stockyards Administration	6.7	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
National Agricultural Statistics Service	7.3	6.7	0.0	0.0	0.4	0.0	0.2	0.0	0.0	0.0	
National Institute of Food and Agriculture	724.3	58.2	16.9	0.0	634.9	0.0	12.5	0.0	1.7	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	1,495.1	1,029.9	205.2	0.0	235.1	2.4	12.7	1.6	5.5	2.7	
Economic Development Administration	5.2	0.2	0.0	0.0	3.5	0.0	0.0	1.5	0.0	0.0	
National Institute of Standards and Technology	794.2	496.8	204.9	0.0	75.7	0.0	11.0	0.1	2.9	2.7	
National Oceanic and Atmospheric Administration	574.6	411.8	0.3	0.0	155.9	2.4	1.7	0.0	2.6	0.0	
National Telecommunications and Information Administration	8.8	8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
U.S. Census Bureau	112.3	112.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Department of Defense	70,868.9	17,174.7	48,778.4	435.3	2,419.2	369.8	266.3	1,223.0	41.6	160.6	
Defense agencies and activities	13,754.9	4,066.2	8,232.0	190.7	778.6	132.1	89.1	124.6	25.1	116.5	
Chemical and Biological Defense	336.9	208.9	70.6	16.5	15.0	1.9	10.7	2.3	0.0	10.9	
Defense Advanced Research Projects Agency	2,996.8	183.0	2,149.9	14.8	504.2	44.9	49.5	12.8	0.0	37.6	
Defense Contract Management Agency	12.2	0.5	11.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Defense Information Systems Agency	226.4	53.8	170.9	0.0	0.0	0.0	0.0	1.6	0.0	0.0	
Defense Logistics Agency	146.7	75.6	69.6	0.0	0.6	0.0	0.8	0.0	0.0	0.0	
Defense Security Cooperation Agency	2.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Defense Technical Information Ctr.	56.4	45.4	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Defense Threat Reduction Agency	533.7	101.4	269.2	73.4	61.8	3.7	14.6	8.3	0.0	1.2	
Joint Staff	85.0	83.4	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.0	
Missile Defense Agency	6,917.2	2,516.6	4,261.7	0.1	47.3	12.9	5.9	23.6	0.0	49.2	
Office of the Secretary of Defense	2,022.4	735.3	858.1	86.0	149.7	68.6	7.6	74.5	25.1	17.5	
Special Operations Command	418.9	59.8	359.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Department of the Air Force	29,462.6	4,406.7	23,183.5	168.0	514.7	194.7	26.7	935.0	15.3	17.9	
Department of the Army	9,626.6	3,856.6	5,317.5	23.4	329.6	9.1	52.2	35.7	0.0	2.4	
Department of the Navy	17,833.7	4,767.4	11,984.5	53.0	787.8	33.9	98.4	83.7	1.1	23.8	
Operational Test and Evaluation, Director	191.1	77.8	60.9	0.0	8.5	0.0	0.0	43.9	0.0	0.0	

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Department of Education	399.3	16.8	18.1	0.0	277.0	2.2	85.3	0.0	0.0	0.0
Department of Energy	10,314.5	1,108.7	1,642.6	2,973.1	1,073.2	1,736.2	141.0	1,627.9	10.9	0.9
Advanced Research Projects Agency-Energy	178.1	28.1	81.9	1.5	60.0	3.0	3.0	0.6	0.0	0.0
Bonneville Power Administration	15.3	6.6	6.1	0.0	0.3	0.0	2.0	0.0	0.4	0.0
Electricity Delivery and Energy Reliability	179.4	8.7	41.6	33.4	12.0	8.2	24.9	50.7	0.0	0.0
Energy Efficiency and Renewable Energy	999.7	382.8	0.0	92.9	104.9	89.2	28.8	301.0	0.0	0.0
Environmental Management	133.2	*	41.5	34.4	15.9	1.0	8.6	31.8	0.0	0.0
Fossil Energy	296.5	92.0	70.2	19.2	36.7	11.9	42.0	14.1	10.5	*
National Nuclear Security Administration	3,998.7	317.6	1,133.3	2,425.5	64.8	7.0	2.5	48.1	0.0	0.0
Defense Programs	2,619.0	262.1	74.8	2,221.2	61.0	0.0	0.0	0.0	0.0	0.0
Naval Reactors	1,062.2	49.8	1,010.9	1.5	0.0	0.1	0.0	*	0.0	0.0
Nonproliferation and Verification	317.5	5.8	47.6	202.9	3.8	6.9	2.5	48.1	0.0	0.0
Nuclear Energy	377.4	*	88.6	175.1	11.7	26.4	0.0	75.7	0.0	0.0
Office of Science	4,136.3	272.9	179.5	191.0	767.0	1,589.7	29.2	1,106.0	0.0	0.9
Department of Health and Human Services	32,073.4	5,424.4	1,868.1	570.2	18,685.2	48.8	4,948.2	93.8	156.0	278.6
Administration for Children and Families	7.0	0.3	0.0	0.0	6.3	0.0	0.4	0.0	0.0	*
Agency for Healthcare Research and Quality	610.9	73.0	134.9	0.0	254.5	0.0	142.9	0.0	5.3	0.3
Agency for Toxic Substances and Disease Registry	3.5	1.7	0.0	0.0	1.0	0.0	0.8	0.0	0.0	0.0
Ctrs. for Disease Control and Prevention	414.0	149.5	47.3	0.0	124.2	5.2	16.0	0.0	61.1	10.6
Ctrs. for Medicare and Medicaid Services	31.2	0.2	22.4	0.0	1.1	0.0	4.0	0.0	3.4	0.0
Food and Drug Administration	233.1	211.3	4.6	0.0	10.0	0.0	7.2	0.0	0.0	0.0
Health Resources and Services Administration	35.6	3.8	0.0	0.0	16.2	0.0	15.2	0.0	0.3	0.0
National Institutes of Health	30,718.5	4,979.6	1,653.9	570.2	18,268.9	43.6	4,754.8	93.8	86.0	267.7
Office of the Secretary	19.6	4.9	4.9	0.0	2.9	0.0	6.9	0.0	0.0	0.0
Office of the Assistant Secretary, Planning and Evaluation	19.6	4.9	4.9	0.0	2.9	0.0	6.9	0.0	0.0	0.0
Department of Homeland Security	710.6	244.7	163.4	29.0	92.9	69.4	57.3	53.4	0.4	0.1
Science and Technology Directorate	689.9	237.2	150.2	29.0	92.9	69.4	57.3	53.4	0.4	0.1
U.S. Coast Guard	20.6	7.5	13.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Housing and Urban Development	105.8	47.2	45.4	0.0	1.4	0.0	11.8	0.0	0.0	0.0
Department of the Interior	708.8	583.0	23.1	0.0	78.2	0.0	2.6	0.0	13.6	8.3
Bureau of Ocean Energy Management, Regulation and Enforcement	46.0	16.8	17.0	0.0	10.7	0.0	0.1	0.0	0.9	0.5
Bureau of Reclamation	9.2	3.3	3.9	0.0	2.0	0.0	0.0	0.0	0.0	0.0
U.S. Geological Survey	653.6	562.9	2.2	0.0	65.5	0.0	2.6	0.0	12.6	7.8
Department of Justice	43.9	22.8	0.0	0.0	0.0	13.0	0.0	0.0	8.1	0.0
Bureau of Prisons	11.2	3.1	0.0	0.0	0.0	0.0	0.0	0.0	8.1	0.0

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Federal Bureau of Investigation	17.7	17.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Office of Justice Programs	15.0	2.0	0.0	0.0	0.0	13.0	0.0	0.0	0.0	0.0
Department of Labor	10.5	7.1	3.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Employee Benefits Security Administration	2.5	1.4	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Occupational Safety and Health Administration	6.2	5.1	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pension Benefit Guaranty Corp.	1.8	0.6	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of State	3.3	3.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Transportation	986.0	311.0	371.0	2.0	90.8	3.2	33.8	49.4	124.3	0.6
Federal Aviation Administration	392.7	138.4	179.3	0.0	24.8	2.5	2.6	45.1	0.0	0.0
Federal Highway Administration	346.5	58.1	126.2	0.0	15.9	0.0	22.9	0.8	122.5	0.0
Federal Motor Carrier Safety Administration	6.9	0.8	1.3	0.0	4.0	0.0	0.7	0.0	0.0	0.0
Federal Railroad Administration	92.6	44.5	29.6	0.0	12.1	0.0	6.0	0.0	0.0	0.4
Federal Transit Administration	31.1	1.8	14.0	0.0	13.5	0.0	0.0	0.0	1.7	0.0
National Highway Traffic Safety Administration	89.5	51.9	17.2	0.0	20.4	0.0	0.0	0.0	0.0	0.0
Office of the Secretary	9.8	6.5	1.9	0.0	0.0	0.0	1.5	0.0	0.0	0.0
Pipeline and Hazardous Materials Safety Administration	10.1	2.1	1.5	2.0	0.0	0.7	0.0	3.5	0.0	0.2
Research and Innovative Technology Administration	6.8	6.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of the Treasury	76.0	71.7	4.1	0.0	0.1	0.0	0.0	0.2	0.0	0.0
Bureau of Engraving and Printing	3.8	3.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Internal Revenue Service	70.5	67.8	2.6	0.0	0.1	0.0	0.0	0.2	0.0	0.0
U.S. Mint	1.6	0.1	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Veterans Affairs	521.0	521.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other agencies										
Agency for International Development	76.1	4.0	9.7	0.0	14.6	0.0	33.6	0.0	0.0	14.1
Appalachian Regional Commission	0.7	*	0.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0
Environmental Protection Agency ^b	578.9	466.4	50.8	0.0	53.8	0.0	7.0	0.0	0.6	0.3
Federal Communications Commission	3.9	3.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Federal Trade Commission	2.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Library of Congress	1.4	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Aeronautics and Space Administration	3,586.4	737.9	1,389.3	0.6	549.1	712.9	182.3	10.2	0.4	3.6
National Archives and Records Administration	2.5	0.2	0.0	0.0	2.3	0.0	0.0	0.0	0.0	0.0
National Science Foundation	5,662.6	139.8	410.1	0.0	4,389.3	149.4	513.3	5.9	25.5	29.4

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			Industry	Industry FFRDC	Universities and colleges	University FFRDC	Other nonprofits	Nonprofit FFRDC	State, local governments		
Nuclear Regulatory Commission	78.1	3.9	12.5	23.4	5.5	9.4	1.6	20.3	0.0	1.6	
Smithsonian Institution	170.0	170.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Social Security Administration	94.8	13.5	66.2	0.0	5.5	0.0	9.4	0.0	0.2	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.

^b Environmental Protection Agency (EPA) was unable to report R&D by performer for FYs 2010–12 or by location for FY 2010. Percentage distributions calculated from EPA's data submission for FYs 2009–11 were used to estimate its FYs 2010, 2011, and 2012 R&D by performer and its FY 2010 R&D by location.

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.