



TABLE 8. Federal obligations for research and development, by agency and performer: FY 2010  
(Dollars in millions)

Agency	Total R&D	Extramural																Foreign
		United States and U.S. territories																
		Intramural <sup>a</sup>		Industry		Industry FFRDC		Universities and colleges		University FFRDC		Other nonprofits		Nonprofit FFRDC		State, local governments		
ARRA	Non-ARRA	ARRA	Non-ARRA	ARRA	Non-ARRA	ARRA	Non-ARRA	ARRA	Non-ARRA	ARRA	Non-ARRA	ARRA	Non-ARRA	ARRA	Non-ARRA	ARRA	Non-ARRA	
Defense Threat Reduction Agency	527.2	0.0	95.0	0.0	271.7	0.0	74.7	0.0	59.0	0.0	4.3	0.0	13.4	0.0	7.4	0.0	0.0	1.6
Joint Staff	111.8	0.0	109.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0
Missile Defense Agency	7,291.5	0.0	2,008.2	0.0	5,120.6	0.0	1.3	0.0	48.3	0.0	17.2	0.0	6.9	0.0	32.6	0.0	0.0	56.3
Office of the Secretary of Defense	2,498.3	0.0	779.9	18.5	1,113.8	0.0	78.3	0.0	269.9	0.0	71.2	0.0	22.0	0.0	75.2	0.0	21.0	48.5
Special Operations Command	446.8	0.0	68.8	0.0	378.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of the Air Force	26,521.4	0.0	3,164.3	23.1	22,304.3	0.0	64.6	0.0	438.9	0.0	119.6	0.0	32.7	0.0	352.6	0.0	6.7	14.6
Department of the Army	10,853.2	0.0	3,721.1	59.2	6,196.6	0.0	19.5	0.8	557.5	0.0	38.1	0.0	195.3	0.0	54.3	0.0	0.0	10.9
Department of the Navy	19,635.0	1.1	6,413.1	10.7	12,031.9	0.0	37.0	0.0	814.9	0.0	57.3	0.0	126.0	0.0	113.6	0.0	1.0	28.3
Operational Test and Evaluation, Director	196.9	0.0	80.1	0.0	65.9	0.0	0.0	0.0	8.3	0.0	0.0	0.0	0.0	0.0	42.6	0.0	0.0	0.0
Department of Education	362.8	0.0	16.9	0.0	16.7	0.0	0.0	0.0	252.4	0.0	0.0	0.0	76.8	0.0	0.0	0.0	0.0	0.0
Department of Energy	10,685.5	272.9	805.8	220.3	1,290.9	114.0	2,797.7	257.3	1,090.5	89.7	1,680.7	25.9	195.6	236.6	1,586.9	0.0	17.5	3.1
Advanced Research Projects																		
Agency-Energy	377.8	11.0	0.0	218.3	0.0	3.6	0.0	126.7	0.0	8.9	0.0	5.7	0.0	3.4	0.0	0.0	0.0	0.0
Bonneville Power Administration	13.1	0.0	2.0	0.0	8.4	0.0	0.0	0.0	0.3	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.4	0.0
Electricity Delivery and Energy Reliability	113.3	0.0	12.1	0.0	20.5	0.0	21.1	0.0	5.7	0.0	6.3	0.0	14.4	0.0	33.4	0.0	0.0	0.0
Energy Efficiency and Renewable Energy	1,895.2	261.8	461.1	0.0	0.0	90.0	82.1	68.9	121.3	61.9	109.0	19.0	33.5	213.5	373.1	0.0	0.0	0.0
Environmental Management	89.8	0.0	*	0.0	28.0	0.0	23.2	0.0	10.7	0.0	0.7	0.0	5.8	0.0	21.4	0.0	0.0	0.0
Fossil Energy	484.8	0.0	150.4	0.0	114.7	0.0	31.5	0.0	60.0	0.0	19.4	0.0	68.7	0.0	23.0	0.0	17.1	*
National Nuclear Security Administration	3,448.4	0.0	123.6	0.0	979.2	0.0	2,207.1	0.0	71.2	0.0	10.6	0.0	2.5	0.0	54.2	0.0	0.0	0.0
Defense Programs	2,247.4	0.0	80.6	0.0	100.2	0.0	2,004.2	0.0	60.5	0.0	1.4	0.0	0.5	0.0	0.0	0.0	0.0	0.0
Naval Reactors	914.3	0.0	38.0	0.0	875.2	0.0	1.1	0.0	0.0	0.0	*	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Nonproliferation and Verification	286.7	0.0	5.0	0.0	3.8	0.0	201.9	0.0	10.7	0.0	9.2	0.0	2.0	0.0	54.1	0.0	0.0	0.0
Nuclear Energy	368.1	0.0	6.3	0.0	34.2	0.0	235.1	0.0	15.7	0.0	26.6	0.0	0.0	0.0	50.1	0.0	0.0	0.0
Office of Science	3,895.1	0.0	50.4	2.0	105.9	20.4	197.7	61.7	805.6	18.9	1,508.1	1.2	68.6	19.7	1,031.8	0.0	0.0	3.1
Department of Health and Human Services	35,934.5	338.2	5,661.0	345.0	1,809.4	51.1	583.9	2,997.4	17,917.7	6.5	42.1	943.7	4,654.3	1.1	103.4	13.4	155.1	311.3
Administration for Children and Families	6.8	0.0	0.3	0.0	0.0	0.0	0.0	0.0	6.1	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.0	*
Agency for Healthcare Research and Quality	852.5	3.3	93.7	75.6	113.9	0.0	0.0	219.1	138.3	0.0	0.0	135.1	65.6	0.0	0.0	2.6	4.9	0.4
Agency for Toxic Substances and Disease Registry	2.8	0.0	0.3	0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
Ctrs. for Disease Control and Prevention	446.9	0.0	155.3	0.0	41.9	0.0	0.0	0.0	156.4	0.0	0.0	0.0	23.9	0.0	0.0	0.0	56.7	12.7

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ARRA	Non-ARRA	ARRA	Non-ARRA	ARRA	Non-ARRA	ARRA	Non-ARRA	ARRA	Non-ARRA	ARRA	Non-ARRA	ARRA	Non-ARRA	ARRA	Non-ARRA	ARRA	Non-ARRA	
Ctrs. for Medicare and Medicaid Services	81.7	0.0	*	44.1	27.5	0.0	0.0	2.0	1.5	0.0	0.0	0.0	4.2	0.0	0.0	0.0	2.3	0.0
Food and Drug Administration	210.6	0.0	191.0	0.0	4.1	0.0	0.0	0.0	9.0	0.0	0.0	0.0	6.5	0.0	0.0	0.0	0.0	0.0
Health Resources and Services Administration	66.3	0.0	3.7	0.0	0.0	0.0	0.0	0.0	22.7	0.0	0.0	4.5	29.3	0.0	0.0	0.0	6.1	0.0
National Institutes of Health	34,212.6	334.9	5,211.2	225.4	1,616.6	51.1	583.9	2,767.5	17,579.4	6.5	42.1	779.1	4,516.6	1.1	103.4	10.7	85.0	298.2
Office of the Secretary	54.4	0.0	5.5	0.0	5.3	0.0	0.0	8.7	3.0	0.0	0.0	25.1	6.8	0.0	0.0	0.0	0.0	0.0
Office of the Assistant Secretary, Planning and Evaluation	54.4	0.0	5.5	0.0	5.3	0.0	0.0	8.7	3.0	0.0	0.0	25.1	6.8	0.0	0.0	0.0	0.0	0.0
Department of Homeland Security	674.1	0.0	232.2	0.0	157.2	0.0	27.3	0.0	87.5	0.0	65.3	0.0	53.9	0.0	50.2	0.0	0.4	0.1
Science and Technology Directorate	649.4	0.0	223.3	0.0	141.4	0.0	27.3	0.0	87.5	0.0	65.3	0.0	53.9	0.0	50.2	0.0	0.4	0.1
U.S. Coast Guard	24.7	0.0	8.9	0.0	15.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Housing and Urban Development	61.7	0.0	40.9	0.0	9.7	0.0	0.0	0.0	0.4	0.0	0.0	0.0	10.6	0.0	0.0	0.0	0.0	0.0
Department of the Interior	721.7	0.2	594.1	0.2	17.3	0.0	0.0	0.1	84.1	0.0	*	0.0	4.2	0.0	0.2	0.0	13.0	8.3
Bureau of Ocean Energy Management, Regulation and Enforcement	43.4	0.0	20.4	0.0	10.8	0.0	0.0	0.0	10.4	0.0	*	0.0	0.1	0.0	0.2	0.0	0.8	0.8
Bureau of Reclamation	9.7	0.2	3.3	0.2	3.9	0.0	0.0	0.1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	*	0.0
National Park Service	7.6	0.0	0.3	0.0	0.5	0.0	0.0	0.0	5.2	0.0	0.0	0.0	1.5	0.0	0.0	0.0	*	0.0
U.S. Geological Survey	661.1	0.0	570.1	0.0	2.1	0.0	0.0	0.0	66.5	0.0	0.0	0.0	2.6	0.0	0.0	0.0	12.2	7.6
Department of Justice	125.4	0.0	46.7	0.0	15.7	0.0	0.8	0.0	34.2	0.0	0.4	0.0	12.5	0.0	1.1	0.0	14.1	0.0
Bureau of Prisons	10.8	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.9	0.0
Federal Bureau of Investigation	30.0	0.0	30.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Office of Justice Programs	84.6	0.0	13.8	0.0	15.7	0.0	0.8	0.0	34.2	0.0	0.4	0.0	12.5	0.0	1.1	0.0	6.2	0.0
Department of Labor	14.3	0.0	6.7	0.1	7.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Employee Benefits Security Administration	5.8	0.0	1.3	0.1	4.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Occupational Safety and Health Administration	5.9	0.0	4.8	0.0	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pension Benefit Guaranty Corp.	2.6	0.0	0.6	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of State	2.9	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Transportation	908.1	0.0	268.0	0.0	330.3	0.0	0.0	0.0	66.6	0.0	3.5	0.0	45.9	0.0	51.5	0.0	141.8	0.5
Federal Aviation Administration	390.4	0.0	141.1	0.0	175.8	0.0	0.0	0.0	24.5	0.0	2.5	0.0	2.5	0.0	43.9	0.0	0.0	0.0
Federal Highway Administration	336.8	0.0	41.9	0.0	110.1	0.0	0.0	0.0	12.8	0.0	1.0	0.0	35.0	0.0	7.6	0.0	128.6	0.0

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Federal Motor Carrier Safety Administration	6.9	0.0	0.4	0.0	1.6	0.0	0.0	0.0	4.1	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0
Federal Railroad Administration	41.1	0.0	16.9	0.0	18.4	0.0	0.0	0.0	2.4	0.0	0.0	0.0	3.1	0.0	0.0	0.0	0.0	0.3
Federal Transit Administration	22.6	0.0	0.9	0.0	1.2	0.0	0.0	0.0	7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.3	0.0
National Highway Traffic Safety Administration	70.8	0.0	41.1	0.0	18.8	0.0	0.0	0.0	11.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Office of the Secretary	23.5	0.0	17.5	0.0	1.4	0.0	0.0	0.0	3.8	0.0	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0
Pipeline and Hazardous Materials Safety Administration	10.0	0.0	2.2	0.0	3.1	0.0	0.0	0.0	0.7	0.0	0.0	0.0	3.7	0.0	0.0	0.0	0.0	0.2
Research and Innovative Technology Administration	6.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of the Treasury	68.5	0.0	64.8	0.0	3.6	0.0	0.0	0.0	*	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
Bureau of Engraving and Printing	1.2	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Internal Revenue Service	66.3	0.0	63.5	0.0	2.6	0.0	0.0	0.0	*	0.0	0.0	0.0	0.0	0.0	0.1	0.0	0.0	0.0
U.S. Mint	1.1	0.0	0.1	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Veterans Affairs	563.0	0.6	562.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other agencies																		
Agency for International Development	84.3	0.0	4.5	0.0	10.8	0.0	0.0	0.0	15.2	0.0	0.0	0.0	37.3	0.0	0.0	0.0	0.0	16.6
Appalachian Regional Commission	0.6	0.0	*	0.0	0.6	0.0	0.0	0.0	*	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Environmental Protection Agency <sup>b</sup>	572.3	0.0	428.7	0.0	70.5	0.0	0.0	0.0	54.7	0.0	0.0	0.0	16.4	0.0	0.0	0.0	0.8	1.3
Federal Communications Commission	3.7	0.0	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Federal Trade Commission	3.0	0.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Library of Congress	1.4	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Aeronautics and Space Administration	7,121.3	0.0	1,064.2	279.7	4,001.7	0.0	0.5	14.5	602.2	87.8	876.1	3.3	162.9	0.0	19.1	0.0	1.2	8.0
National Archives and Records Administration	4.6	0.0	0.1	0.0	0.0	0.0	0.0	0.0	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Science Foundation	5,015.7	0.0	126.2	*	317.3	0.0	0.0	34.6	3,888.0	0.0	135.7	1.2	456.6	0.0	5.4	2.4	22.8	25.5

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	Total R&D	ARRA	Non-ARRA	ARRA	Non-ARRA	ARRA	Non-ARRA	ARRA	Non-ARRA	ARRA	Non-ARRA	ARRA	Non-ARRA	ARRA	Non-ARRA	ARRA	Non-ARRA	
Nuclear Regulatory Commission	85.4	0.0	4.3	0.0	11.1	0.0	22.2	0.0	6.0	0.0	8.5	0.0	3.4	0.0	23.1	0.0	0.0	6.8
Smithsonian Institution	167.0	0.0	167.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Social Security Administration	63.0	0.0	12.0	0.0	35.2	0.0	0.0	0.0	9.8	0.0	0.0	0.0	5.7	0.0	0.0	0.0	0.3	*

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

ARRA = American Recovery and Reinvestment Act of 2009; FFRDC = federally funded research and development center.

<sup>a</sup> Includes costs associated with administration of intramural and extramural programs by federal personnel and actual intramural performance.

<sup>b</sup> 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.