

TABLE 38. Federal obligations for applied research, by agency and performer: FY 2010
(Dollars in thousands)

Agency	Extramural									
	Total	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	31,932,631.1	8,090,075.0	4,878,612.6	2,368,494.2	12,204,679.8	280,958.9	3,156,598.7	494,274.2	249,555.3	209,382.2
Departments										
Department of Agriculture	1,158,846.0	700,317.9	19,361.6	0.0	409,978.6	0.0	19,535.3	0.0	8,005.9	1,646.7
Agricultural Marketing Service	2,182.0	2,182.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Agricultural Research Service	471,314.4	427,186.4	0.0	0.0	37,266.1	0.0	5,273.2	0.0	562.2	1,026.6
Economic Research Service	84,519.0	78,956.0	198.0	0.0	4,251.0	0.0	1,114.0	0.0	0.0	0.0
Foreign Agricultural Service	313.5	203.9	0.0	0.0	65.0	0.0	44.7	0.0	0.0	0.0
Forest Service	184,258.5	151,960.1	890.6	0.0	22,690.5	0.0	1,835.5	0.0	6,261.7	620.1
National Agricultural Statistics Service	4,234.2	3,122.5	0.0	0.0	705.0	0.0	406.7	0.0	0.0	0.0
National Institute of Food and Agriculture	407,225.0	35,607.0	18,273.0	0.0	344,523.0	0.0	7,640.0	0.0	1,182.0	0.0
Rural Business-Cooperative Service	4,799.4	1,100.0	0.0	0.0	478.1	0.0	3,221.3	0.0	0.0	0.0
Department of Commerce	932,831.0	669,949.3	58,756.3	0.0	175,145.8	12,655.7	11,074.1	130.0	3,296.9	1,822.8
Economic Development Administration	1,322.4	50.9	0.0	0.0	1,244.5	0.0	27.0	0.0	0.0	0.0
National Institute of Standards and Technology	456,532.6	341,461.4	58,256.3	0.0	48,315.0	0.0	6,443.1	130.0	119.9	1,806.8
National Oceanic and Atmospheric Administration	457,983.0	311,444.0	500.0	0.0	125,586.3	12,655.7	4,604.0	0.0	3,177.0	16.0
National Telecommunications and Information Administration	7,569.9	7,569.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
U.S. Census Bureau	9,423.2	9,423.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Defense	5,211,989.8	1,699,479.0	2,461,064.9	73,730.5	759,053.2	58,201.4	111,768.2	22,966.8	1,836.5	23,889.3
Defense agencies and activities	2,028,824.4	247,156.9	1,227,582.0	61,390.9	359,662.2	50,203.5	51,431.6	13,433.1	0.0	17,964.1
Chemical and Biological Defense	236,532.0	106,408.6	68,661.5	8,861.8	34,028.8	1,908.7	9,383.4	1,201.6	0.0	6,077.7
Defense Advanced Research Projects Agency	1,393,526.0	79,956.0	994,861.5	4,043.9	238,532.4	18,957.6	37,987.0	8,432.0	0.0	10,755.7
Defense Threat Reduction Agency	226,701.1	33,589.6	113,380.3	47,633.3	21,394.3	4,297.1	3,845.5	1,430.3	0.0	1,130.7
Office of the Secretary of Defense	146,400.1	23,621.2	28,595.0	852.0	65,706.7	25,040.1	215.7	2,369.3	0.0	0.0
Special Operations Command	25,665.2	3,581.6	22,083.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of the Air Force	1,202,629.0	672,472.4	430,081.5	1,345.9	82,950.9	5,122.8	3,241.1	4,739.9	797.9	1,876.5
Department of the Army	1,260,835.4	533,282.6	517,046.1	5,330.0	163,693.7	600.0	38,679.4	1,647.0	0.0	556.7
Department of the Navy	719,701.0	246,567.1	286,355.3	5,663.7	152,746.5	2,275.0	18,416.1	3,146.8	1,038.6	3,491.9
Department of Education	218,042.7	10,625.4	4,689.5	0.0	162,607.8	0.0	40,120.0	0.0	0.0	0.0
Department of Energy	3,628,805.2	505,702.3	259,536.6	1,968,961.1	307,196.9	132,364.8	74,793.3	372,562.6	7,687.6	0.0
Advanced Research Projects Agency-Energy	205,054.4	6,061.5	78,224.7	3,620.0	105,115.5	8,945.1	2,200.0	887.6	0.0	0.0
Bonneville Power Administration	3,932.1	592.1	1,984.6	0.0	162.4	0.0	1,000.0	0.0	193.1	0.0
Electricity Delivery and Energy Reliability	66,129.9	6,274.2	13,715.6	10,210.7	3,549.8	2,953.3	12,498.7	16,927.6	0.0	0.0
Energy Efficiency and Renewable Energy	891,000.0	348,139.8	0.0	88,007.8	91,555.9	82,334.9	25,316.2	255,645.4	0.0	0.0
Environmental Management	30,785.9	1.0	9,599.5	7,942.0	3,666.6	232.5	1,995.7	7,348.5	0.0	0.0
Fossil Energy	213,293.0	65,705.6	43,483.1	31,452.4	23,801.7	4,922.4	30,032.8	6,400.4	7,494.5	0.0
National Nuclear Security Administration	1,917,725.5	72,641.7	102,834.6	1,635,289.6	63,651.1	6,327.0	1,749.8	35,231.8	0.0	0.0
Defense Programs	1,710,287.9	71,141.7	100,182.1	1,476,522.5	60,513.6	1,420.0	508.0	0.0	0.0	0.0

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			Industry	Industry FFRDC	Universities and colleges	University FFRDC	Other nonprofits	Nonprofit FFRDC	State, local governments	
Nonproliferation and Verification	207,437.7	1,500.0	2,652.5	158,767.0	3,137.5	4,907.0	1,241.8	35,231.8	0.0	0.0
Nuclear Energy	300,884.4	6,286.3	9,694.5	192,438.7	15,694.0	26,649.6	0.0	50,121.3	0.0	0.0
Department of Health and Human Services	17,147,729.5	2,822,304.9	1,156,719.4	292,112.7	9,860,958.1	22,342.9	2,711,162.8	48,076.5	86,349.9	147,702.2
Administration for Children and Families	6,754.5	274.0	0.0	0.0	6,055.5	0.0	425.0	0.0	0.0	*
Agency for Healthcare Research and Quality	789,334.9	33,915.6	189,492.6	0.0	357,379.5	0.0	200,642.0	0.0	7,505.2	400.0
Agency for Toxic Substances and Disease Registry	2,780.5	291.6	0.0	0.0	1,442.7	0.0	1,046.1	0.0	0.0	0.0
Ctrs. for Disease Control and Prevention	324,333.1	125,991.2	38,829.4	0.0	97,514.6	0.0	19,387.5	0.0	32,457.5	10,152.9
Ctrs. for Medicare and Medicaid Services	81,681.0	30.0	71,614.4	0.0	3,458.9	0.0	4,230.0	0.0	2,347.7	0.0
Food and Drug Administration	210,605.4	190,968.6	4,142.4	0.0	9,029.6	0.0	6,464.8	0.0	0.0	0.0
Health Resources and Services Administration	27,174.2	1,252.7	0.0	0.0	14,769.3	0.0	11,152.2	0.0	0.0	0.0
National Institutes of Health	15,650,703.6	2,464,083.6	847,323.7	292,112.7	9,359,574.5	22,342.9	2,436,000.9	48,076.5	44,039.5	137,149.2
Office of the Secretary	54,362.3	5,497.6	5,317.0	0.0	11,733.5	0.0	31,814.2	0.0	0.0	0.0
Office of the Assistant Secretary, Planning and Evaluation	54,362.3	5,497.6	5,317.0	0.0	11,733.5	0.0	31,814.2	0.0	0.0	0.0
Department of Homeland Security	221,234.3	79,216.2	46,419.6	10,666.4	15,471.5	32,830.1	26,814.9	9,685.8	0.0	130.0
Science and Technology Directorate	213,648.3	76,363.7	41,686.0	10,666.4	15,471.5	32,830.1	26,814.9	9,685.8	0.0	130.0
U.S. Coast Guard	7,586.0	2,852.5	4,733.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Housing and Urban Development	38,810.0	29,049.0	3,464.8	0.0	405.0	0.0	5,891.1	0.0	0.0	0.0
Department of the Interior	594,122.0	486,629.1	15,674.1	0.0	70,955.6	15.0	3,508.4	157.0	9,991.7	7,191.2
Bureau of Ocean Energy Management, Regulation and Enforcement	43,382.5	20,374.2	10,816.3	0.0	10,387.3	15.0	96.0	157.0	780.0	756.7
Bureau of Reclamation	7,271.0	2,601.0	3,066.0	0.0	1,598.0	0.0	0.0	0.0	6.0	0.0
National Park Service	6,440.5	174.2	192.8	0.0	4,604.6	0.0	1,445.9	0.0	23.1	0.0
U.S. Geological Survey	537,028.0	463,479.7	1,599.0	0.0	54,365.7	0.0	1,966.5	0.0	9,182.6	6,434.5
Department of Justice	74,425.9	12,313.5	14,647.5	825.0	27,340.3	390.0	11,971.5	614.4	6,323.8	0.0
Bureau of Prisons	2,839.0	1,245.0	0.0	0.0	0.0	0.0	0.0	0.0	1,594.0	0.0
Office of Justice Programs	71,586.9	11,068.5	14,647.5	825.0	27,340.3	390.0	11,971.5	614.4	4,729.8	0.0
Department of Labor	11,857.2	6,275.6	5,581.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Employee Benefits Security Administration	5,776.2	1,270.6	4,505.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Occupational Safety and Health Administration	5,916.0	4,840.0	1,076.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Pension Benefit Guaranty Corp.	165.0	165.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of State	2,940.6	2,940.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Transportation	641,234.7	183,148.7	229,654.7	0.0	53,693.6	2,557.3	35,376.6	12,763.9	124,040.0	0.0
Federal Aviation Administration	236,599.8	97,953.4	105,512.0	0.0	22,952.6	1,568.1	2,538.5	6,075.2	0.0	0.0
Federal Highway Administration	291,248.0	33,575.9	99,586.2	0.0	7,664.0	989.1	31,657.6	6,688.7	111,086.4	0.0
Federal Motor Carrier Safety Administration	6,585.5	318.1	1,375.8	0.0	4,136.2	0.0	755.5	0.0	0.0	0.0
Federal Railroad Administration	9,683.9	4,291.5	2,831.7	0.0	2,135.7	0.0	425.0	0.0	0.0	0.0

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Federal Transit Administration	20,000.0	604.0	589.3	0.0	5,853.1	0.0	0.0	0.0	0.0	12,953.7	0.0
National Highway Traffic Safety Administration	70,837.0	41,085.0	18,800.0	0.0	10,952.0	0.0	0.0	0.0	0.0	0.0	0.0
Pipeline and Hazardous Materials Safety Administration	2,117.6	1,157.8	959.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Research and Innovative Technology Administration	4,163.0	4,163.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of the Treasury	68,330.6	64,565.6	3,597.3	0.0	17.9	0.0	0.0	0.0	149.8	0.0	0.0
Bureau of Engraving and Printing	949.7	949.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Internal Revenue Service	66,263.0	63,515.9	2,579.4	0.0	17.9	0.0	0.0	0.0	149.8	0.0	0.0
U.S. Mint	1,117.9	100.0	1,017.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Veterans Affairs	297,000.0	297,000.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other agencies											
Agency for International Development	83,482.3	4,228.4	10,680.1	0.0	15,189.0	0.0	36,794.5	0.0	0.0	0.0	16,590.2
Appalachian Regional Commission	623.2	*	575.1	0.0	48.2	0.0	0.0	0.0	0.0	0.0	0.0
Environmental Protection Agency ^b	397,886.5	296,903.4	49,526.0	0.0	38,478.7	0.0	11,537.2	0.0	0.0	565.7	875.6
Federal Communications Commission	3,667.6	3,667.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Federal Trade Commission	2,997.3	2,997.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Library of Congress	719.6	719.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Aeronautics and Space Administration	693,570.0	194,137.0	376,650.2	0.0	80,186.4	11,063.8	26,843.2	4,115.1	0.0	435.2	139.1
National Archives and Records Administration	4,620.0	120.0	0.0	0.0	4,500.0	0.0	0.0	0.0	0.0	0.0	0.0
National Science Foundation	348,490.0	1,547.5	115,726.0	0.0	207,660.8	0.0	20,270.6	0.0	0.0	745.2	2,539.9
Nuclear Regulatory Commission	85,379.0	4,269.0	11,099.3	22,198.5	5,976.5	8,537.9	3,415.2	23,052.3	0.0	0.0	6,830.3
Social Security Administration	62,996.0	11,968.0	35,188.0	0.0	9,816.0	0.0	5,722.0	0.0	0.0	277.0	25.0

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

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.