

TABLE 40. Preliminary federal obligations for applied research, by agency and performer: FY 2012
(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	30,047,539.8	8,007,458.3	4,788,663.8	2,478,151.2	10,957,364.3	235,304.6	2,761,193.2	415,347.7	218,395.0	185,661.6
Departments										
Department of Agriculture	1,166,226.2	708,136.2	17,113.6	0.0	414,970.0	0.0	16,751.1	0.0	7,865.3	1,390.0
Agricultural Marketing Service	2,143.5	2,143.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Agricultural Research Service	480,000.0	453,716.0	0.0	0.0	21,137.6	0.0	3,954.9	0.0	421.7	769.9
Economic Research Service	75,864.0	73,509.0	0.0	0.0	2,099.0	0.0	256.0	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	173,075.2	140,776.8	890.6	0.0	22,690.5	0.0	1,835.5	0.0	6,261.7	620.1
National Agricultural Statistics Service	4,100.0	3,460.0	0.0	0.0	420.0	0.0	220.0	0.0	0.0	0.0
National Institute of Food and Agriculture	426,530.0	33,227.0	16,223.0	0.0	368,258.0	0.0	7,640.0	0.0	1,182.0	0.0
Rural Business-Cooperative Service	4,200.0	1,100.0	0.0	0.0	300.0	0.0	2,800.0	0.0	0.0	0.0
Department of Commerce	1,064,867.4	767,651.8	112,947.6	0.0	168,264.0	2,429.0	10,012.9	169.0	1,877.2	1,515.8
Economic Development Administration	3,680.0	141.5	0.0	0.0	3,500.9	0.0	0.0	37.6	0.0	0.0
National Institute of Standards and Technology	497,067.0	332,700.8	112,671.6	0.0	40,781.2	0.0	9,144.9	131.4	121.2	1,515.8
National Oceanic and Atmospheric Administration	489,599.1	360,288.2	276.0	0.0	123,981.9	2,429.0	868.0	0.0	1,756.0	0.0
National Telecommunications and Information Administration	8,829.1	8,829.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
U.S. Census Bureau	65,692.1	65,692.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Defense	4,696,449.8	1,657,638.9	2,236,382.7	64,180.3	558,771.1	58,962.4	76,507.4	20,453.5	1,128.5	22,425.1
Defense agencies and activities	1,723,514.9	189,001.0	1,095,260.1	53,837.7	261,258.9	50,936.2	43,911.5	12,033.4	0.0	17,276.2
Chemical and Biological Defense	113,661.9	62,803.2	21,992.6	7,958.3	6,957.4	1,716.9	4,935.9	880.9	0.0	6,416.8
Defense Advanced Research Projects Agency	1,307,234.0	75,004.8	933,256.2	3,793.4	223,761.6	17,783.6	35,634.7	7,909.9	0.0	10,089.7
Defense Threat Reduction Agency	196,954.0	29,182.1	98,715.5	41,383.0	18,587.0	3,733.3	3,340.9	1,242.6	0.0	769.7
Office of the Secretary of Defense	78,836.0	18,274.2	18,203.5	703.0	11,952.9	27,702.4	0.0	2,000.0	0.0	0.0
Special Operations Command	26,829.0	3,736.7	23,092.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of the Air Force	1,336,110.3	727,351.9	506,384.3	2,172.2	86,821.0	5,302.1	3,865.6	2,916.2	8.1	1,289.0
Department of the Army	860,388.7	475,281.7	325,809.3	2,330.0	45,903.5	0.0	8,862.5	2,109.0	0.0	92.8
Department of the Navy	776,436.0	266,004.4	308,929.1	5,840.5	164,787.7	2,724.0	19,867.8	3,394.9	1,120.4	3,767.2
Department of Education	235,422.1	10,760.8	6,023.8	0.0	171,552.0	1,650.0	45,435.6	0.0	0.0	0.0
Department of Energy	3,646,931.0	525,896.2	324,558.6	2,115,284.3	212,881.8	90,445.7	64,903.3	308,184.2	4,776.8	0.0
Advanced Research Projects Agency-Energy	142,454.4	22,454.4	66,000.0	1,000.0	48,000.0	2,000.0	2,400.0	600.0	0.0	0.0
Bonneville Power Administration	4,600.9	1,803.1	1,442.4	0.0	162.4	0.0	1,000.0	0.0	193.1	0.0
Electricity Delivery and Energy Reliability	103,338.3	4,183.7	24,806.8	16,379.2	8,086.1	4,047.7	21,200.6	24,634.3	0.0	0.0
Energy Efficiency and Renewable Energy	575,768.0	224,549.5	0.0	57,576.8	63,334.5	51,819.1	17,273.0	161,215.0	0.0	0.0
Environmental Management	44,366.9	1.0	13,834.5	11,445.7	5,284.2	335.0	2,876.1	10,590.4	0.0	0.0
Fossil Energy	130,453.0	40,186.5	26,594.9	19,236.7	14,557.5	3,010.6	18,368.5	3,914.6	4,583.7	0.0
National Nuclear Security Administration	2,294,304.4	232,717.0	103,303.0	1,860,305.9	61,757.2	2,875.3	1,785.0	31,561.0	0.0	0.0
Defense Programs	2,064,412.0	230,677.0	74,807.0	1,697,928.0	61,000.0	0.0	0.0	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	229,892.4	2,040.0	28,496.0	162,377.9	757.2	2,875.3	1,785.0	31,561.0	0.0	0.0
Nuclear Energy	351,645.0	1.0	88,577.0	149,340.0	11,700.0	26,358.0	0.0	75,669.0	0.0	0.0
Department of Health and Human Services	15,394,334.6	2,668,368.2	977,514.6	263,920.6	8,813,594.2	25,359.1	2,383,887.3	43,436.6	85,115.5	133,138.5
Administration for Children and Families	7,041.2	285.6	0.0	0.0	6,312.5	0.0	443.0	0.0	0.0	*
Agency for Healthcare Research and Quality	562,039.0	24,149.3	134,926.5	0.0	254,469.0	0.0	142,865.4	0.0	5,344.0	284.8
Agency for Toxic Substances and Disease Registry	3,492.7	1,692.7	0.0	0.0	1,000.0	0.0	800.0	0.0	0.0	0.0
Ctrs. for Disease Control and Prevention	295,188.6	119,505.6	45,132.5	0.0	66,731.6	5,172.5	13,139.4	0.0	36,566.2	8,940.8
Ctrs. for Medicare and Medicaid Services	31,200.0	178.0	22,423.8	0.0	1,148.6	0.0	4,033.5	0.0	3,416.0	0.0
Food and Drug Administration	233,069.8	211,338.5	4,584.3	0.0	9,992.7	0.0	7,154.3	0.0	0.0	0.0
Health Resources and Services Administration	23,780.2	1,358.6	0.0	0.0	14,769.3	0.0	7,652.2	0.0	0.0	0.0
National Institutes of Health	14,218,923.0	2,304,959.9	765,547.4	263,920.6	8,456,270.4	20,186.6	2,200,899.5	43,436.6	39,789.2	123,912.8
Office of the Secretary	19,600.0	4,900.0	4,900.0	0.0	2,900.0	0.0	6,900.0	0.0	0.0	0.0
Office of the Assistant Secretary, Planning and Evaluation	19,600.0	4,900.0	4,900.0	0.0	2,900.0	0.0	6,900.0	0.0	0.0	0.0
Department of Homeland Security	233,871.2	83,423.2	48,885.3	11,331.8	16,436.7	34,878.3	28,487.8	10,290.0	0.0	138.1
Science and Technology Directorate	226,977.2	81,127.8	44,286.7	11,331.8	16,436.7	34,878.3	28,487.8	10,290.0	0.0	138.1
U.S. Coast Guard	6,894.0	2,295.4	4,598.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Housing and Urban Development	72,405.1	33,508.2	28,743.6	0.0	1,209.1	0.0	8,944.2	0.0	0.0	0.0
Department of the Interior	552,552.2	450,629.5	21,336.5	0.0	62,514.5	0.0	1,890.6	0.0	9,469.6	6,711.4
Bureau of Ocean Energy Management, Regulation and Enforcement	46,042.2	16,791.6	17,000.5	0.0	10,715.7	0.0	63.3	0.0	949.0	522.2
Bureau of Reclamation	6,896.0	2,482.4	2,896.4	0.0	1,517.2	0.0	0.0	0.0	0.0	0.0
U.S. Geological Survey	499,614.0	431,355.5	1,439.6	0.0	50,281.6	0.0	1,827.3	0.0	8,520.7	6,189.2
Department of Justice	14,886.7	10,386.7	0.0	0.0	0.0	3,000.0	0.0	0.0	1,500.0	0.0
Bureau of Prisons	2,820.0	1,320.0	0.0	0.0	0.0	0.0	0.0	0.0	1,500.0	0.0
Federal Bureau of Investigation	8,066.7	8,066.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Office of Justice Programs	4,000.0	1,000.0	0.0	0.0	0.0	3,000.0	0.0	0.0	0.0	0.0
Department of Labor	8,847.2	6,671.2	2,176.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Employee Benefits Security Administration	2,471.2	1,371.2	1,100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Occupational Safety and Health Administration	6,211.0	5,135.0	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	3,258.2	3,258.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Transportation	672,311.9	198,356.0	264,505.5	0.0	75,115.4	1,588.5	21,256.3	6,881.9	104,608.3	0.0
Federal Aviation Administration	236,510.0	96,064.3	106,881.3	0.0	23,250.4	1,588.5	2,571.5	6,154.0	0.0	0.0
Federal Highway Administration	285,613.7	33,691.9	118,759.8	0.0	11,455.7	0.0	17,113.2	727.8	103,865.3	0.0
Federal Motor Carrier Safety Administration	6,551.1	761.8	1,028.4	0.0	4,037.3	0.0	723.7	0.0	0.0	0.0
Federal Railroad Administration	18,925.0	9,465.0	5,152.0	0.0	3,460.0	0.0	848.0	0.0	0.0	0.0

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Federal Transit Administration	28,555.0	1,312.0	14,000.0	0.0	12,500.0	0.0	0.0	0.0	743.0	0.0
National Highway Traffic Safety Administration	89,452.0	51,882.0	17,158.0	0.0	20,412.0	0.0	0.0	0.0	0.0	0.0
Pipeline and Hazardous Materials Safety Administration	2,230.0	704.0	1,526.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Research and Innovative Technology Administration	4,475.0	4,475.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of the Treasury	75,373.2	71,105.4	4,067.8	0.0	50.0	0.0	0.0	150.0	0.0	0.0
Bureau of Engraving and Printing	3,228.2	3,228.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Internal Revenue Service	70,537.0	67,777.2	2,559.8	0.0	50.0	0.0	0.0	150.0	0.0	0.0
U.S. Mint	1,608.0	100.0	1,508.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Veterans Affairs	285,000.0	285,000.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other agencies										
Agency for International Development	75,342.8	3,816.2	9,638.8	0.0	14,610.6	0.0	33,207.1	0.0	0.0	14,070.2
Appalachian Regional Commission	730.0	*	600.0	0.0	130.0	0.0	0.0	0.0	0.0	0.0
Environmental Protection Agency ^b	403,937.0	325,459.1	35,415.7	0.0	37,520.7	0.0	4,918.9	0.0	420.4	202.2
Federal Communications Commission	3,890.4	3,890.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Federal Trade Commission	2,032.3	2,032.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Library of Congress	710.0	710.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Aeronautics and Space Administration	696,048.5	170,720.9	431,896.1	0.0	58,727.2	7,618.0	21,028.5	5,472.9	207.5	377.5
National Archives and Records Administration	2,500.0	164.3	0.0	0.0	2,335.8	0.0	0.0	0.0	0.0	0.0
National Science Foundation	566,740.0	2,516.8	188,207.5	0.0	337,713.4	0.0	32,959.9	0.0	1,211.9	4,130.6
Nuclear Regulatory Commission	78,114.0	3,905.7	12,498.2	23,434.2	5,468.0	9,373.7	1,562.3	20,309.6	0.0	1,562.3
Social Security Administration	94,758.0	13,452.0	66,152.0	0.0	5,500.0	0.0	9,440.0	0.0	214.0	0.0

* = 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.