

TABLE 45. Preliminary federal obligations for applied research, by agency and performer: FY 2012

(Dollars in thousands)

Agency	Extramural									
	United States and U.S. territories									Foreign
	Total	Intramural ^a	Industry	Industry-administered FFRDCs	Universities and colleges	University-administered FFRDCs	Other nonprofits	Nonprofit-administered FFRDCs	State, local governments	
All agencies	28,623,598.1	8,014,343.1	4,191,393.2	2,419,277.3	10,452,861.5	182,304.7	2,679,604.8	319,497.8	205,596.9	158,718.9
Departments										
Department of Agriculture	1,239,758.3	685,690.3	22,977.5	0.0	507,859.4	0.0	14,821.9	0.0	7,702.6	706.6
Agricultural Marketing Service	2,143.3	2,143.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Agricultural Research Service	440,596.8	412,418.0	0.0	0.0	24,119.9	0.0	3,511.4	0.0	70.9	476.5
Economic Research Service	70,723.0	62,044.0	4,500.0	0.0	3,179.0	0.0	1,000.0	0.0	0.0	0.0
Foreign Agricultural Service	441.9	167.7	0.0	0.0	232.3	0.0	41.9	0.0	0.0	0.0
Forest Service	206,615.3	173,476.3	1,087.5	0.0	22,749.2	0.0	2,874.5	0.0	6,197.7	230.1
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	511,888.0	30,981.0	17,390.0	0.0	457,159.0	0.0	4,924.0	0.0	1,434.0	0.0
Rural Business-Cooperative Service	3,250.0	1,000.0	0.0	0.0	0.0	0.0	2,250.0	0.0	0.0	0.0
Department of Commerce	804,858.8	648,955.6	21,472.7	0.0	122,951.3	211.8	6,060.5	37.6	5,041.5	127.8
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	321,076.9	270,322.6	20,714.1	0.0	23,606.2	0.0	5,919.5	0.0	514.6	0.0
National Oceanic and Atmospheric Administration	406,325.0	304,714.6	758.7	0.0	95,844.3	211.8	141.0	0.0	4,526.9	127.8
National Telecommunications and Information Administration	7,494.7	7,494.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
U.S. Census Bureau	66,282.2	66,282.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Defense	4,648,134.3	1,839,802.6	2,017,073.8	24,971.8	559,936.2	65,450.5	93,068.8	24,196.9	4,574.3	19,059.3
Defense Advanced Research Projects Agency	1,239,118.0	80,577.6	756,729.6	7,645.8	308,391.7	17,335.1	55,769.0	4,844.4	0.0	7,824.7
Department of the Air Force	1,294,353.4	697,557.9	520,554.9	865.3	62,629.3	1,219.6	3,050.5	6,019.0	623.7	1,833.0
Department of the Army	917,300.4	555,029.4	291,470.5	3,107.5	41,334.6	12,062.6	2,978.2	5,978.3	3,409.0	1,930.3
Department of the Navy	806,525.1	282,190.5	349,039.1	7,704.8	127,920.4	9,114.6	19,660.7	4,502.2	541.6	5,851.3
Other defense agencies ^b	390,837.5	224,447.3	99,279.7	5,648.4	19,660.1	25,718.6	11,610.4	2,853.0	0.0	1,620.0
Department of Education	203,628.6	11,377.3	6,474.1	0.0	145,848.2	0.0	39,929.0	0.0	0.0	0.0
Department of Energy	3,275,595.7	504,365.5	198,853.8	2,066,871.7	141,380.6	74,239.3	36,140.1	249,161.0	4,583.7	0.0
Advanced Research Projects Agency—Energy	60,978.0	12,100.0	33,691.0	495.0	9,511.4	1,213.2	2,311.4	1,655.9	0.0	0.0
Bonneville Power Administration	1,533.6	231.8	526.8	0.0	200.0	0.0	575.0	0.0	0.0	0.0
Electricity Delivery and Energy Reliability	27,558.9	1,772.8	4,401.1	5,426.0	2,614.6	2,269.5	1,245.9	9,829.0	0.0	0.0
Energy Efficiency and Renewable Energy	434,453.0	169,753.5	0.0	42,912.7	44,640.8	40,146.6	12,344.2	124,655.1	0.0	0.0
Environmental Management	6,755.0	1.0	3,491.7	1,242.1	0.0	452.4	0.0	1,567.7	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	2,371,562.0	278,919.8	120,074.4	1,872,981.6	62,705.3	3,206.1	1,295.0	32,379.7	0.0	0.0
Defense Programs	2,143,383.7	276,537.3	90,988.6	1,712,749.8	62,083.0	1,000.0	25.0	0.0	0.0	0.0
Nonproliferation and Verification	228,178.4	2,382.6	29,085.9	160,231.7	622.3	2,206.1	1,270.0	32,379.7	0.0	0.0
Nuclear Energy	242,302.1	1,400.0	10,073.8	124,577.6	7,151.0	23,940.7	0.0	75,159.0	0.0	0.0

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	United States and U.S. territories									
	Total	Intramural ^a	Industry	Industry-administered FFRDCs	Universities and colleges	University-administered FFRDCs	Other nonprofits	Nonprofit-administered FFRDCs	State, local governments	Foreign
Department of Health and Human Services	14,749,306.9	2,778,487.9	906,179.0	221,580.1	8,369,977.9	23,947.3	2,257,657.4	10,724.7	58,264.1	122,488.4
Administration for Children and Families	9,804.6	279.8	0.0	0.0	9,163.3	0.0	361.6	0.0	0.0	*
Agency for Healthcare Research and Quality	339,528.8	55,373.3	112,724.9	0.0	109,397.5	0.0	60,950.7	0.0	396.7	685.5
Agency for Toxic Substances and Disease Registry	4,831.4	3,131.4	0.0	0.0	1,000.0	0.0	700.0	0.0	0.0	0.0
Ctrs. for Disease Control and Prevention	251,339.2	113,924.1	30,650.7	0.0	71,746.3	3,844.4	4,054.9	0.0	17,934.1	9,184.7
Ctrs. for Medicare and Medicaid Services	21,160.0	40.0	18,870.0	0.0	530.0	0.0	1,710.0	0.0	10.0	0.0
Food and Drug Administration	217,703.5	204,343.2	5,006.2	0.0	5,233.2	0.0	2,641.5	0.0	92.6	386.7
Health Resources and Services Administration	24,145.4	1,041.2	0.0	0.0	14,996.7	0.0	8,107.5	0.0	0.0	0.0
National Institutes of Health	13,861,194.0	2,395,454.9	738,927.2	216,680.1	8,155,010.8	20,103.0	2,172,231.2	10,724.7	39,830.7	112,231.4
Office of the Secretary	19,600.0	4,900.0	0.0	4,900.0	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	0.0	4,900.0	2,900.0	0.0	6,900.0	0.0	0.0	0.0
Department of Homeland Security	124,199.3	50,867.7	32,995.9	22,263.3	5,302.2	4,222.0	1,131.6	7,192.0	0.0	224.6
Science and Technology Directorate	110,899.3	44,392.7	26,170.9	22,263.3	5,302.2	4,222.0	1,131.6	7,192.0	0.0	224.6
U.S. Coast Guard	13,300.0	6,475.0	6,825.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Housing and Urban Development	64,611.4	29,536.2	11,347.9	0.0	377.7	0.0	23,245.1	0.0	104.6	0.0
Department of the Interior	562,239.7	446,197.1	16,000.3	1,450.0	78,768.2	0.0	9,712.7	0.0	9,612.3	499.2
Bureau of Ocean Energy Management ^c	37,729.3	16,862.3	8,712.3	0.0	11,051.0	0.0	150.0	0.0	750.0	203.8
Bureau of Reclamation	7,490.0	2,397.0	1,873.0	0.0	599.0	0.0	2,546.0	0.0	75.0	0.0
Bureau of Safety and Environmental Enforcement ^c	7,347.4	1,056.4	4,552.9	996.1	366.6	0.0	80.0	0.0	0.0	295.4
U.S. Geological Survey	509,673.0	425,881.4	862.0	453.9	66,751.6	0.0	6,936.7	0.0	8,787.3	0.0
Department of Justice	50,983.5	10,744.6	8,158.9	767.9	14,302.1	383.9	9,694.7	383.9	6,547.5	0.0
Bureau of Prisons	3,288.0	1,413.8	0.0	0.0	0.0	0.0	0.0	0.0	1,874.2	0.0
Federal Bureau of Investigation	6,468.8	6,468.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Office of Justice Programs	41,226.7	2,861.9	8,158.9	767.9	14,302.1	383.9	9,694.7	383.9	4,673.4	0.0
Department of Labor	13,014.3	4,804.3	8,210.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Employee Benefits Security Administration	8,899.3	1,499.3	7,400.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Occupational Safety and Health Administration	3,950.0	3,140.0	810.0	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	2,182.5	2,182.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Transportation	670,316.7	189,026.4	208,256.1	60,814.4	53,175.7	12.1	42,719.9	9,463.2	106,772.6	76.2
Federal Aviation Administration	230,771.0	97,858.5	99,451.4	0.0	20,538.1	12.1	5,374.3	7,536.6	0.0	0.0
Federal Highway Administration	325,992.4	48,576.6	60,377.8	60,814.4	14,085.4	0.0	35,774.0	1,926.6	104,437.6	0.0
Federal Motor Carrier Safety Administration	6,551.1	152.4	761.8	0.0	4,837.2	0.0	723.7	0.0	0.0	76.2
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
Federal Transit Administration	6,108.0	1,312.0	503.0	0.0	1,958.0	0.0	0.0	0.0	2,335.0	0.0
National Highway Traffic Safety Administration	72,000.0	25,541.0	38,162.0	0.0	8,297.0	0.0	0.0	0.0	0.0	0.0

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Pipeline and Hazardous Materials Safety Administration	5,630.2	1,782.0	3,848.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Research and Innovative Technology Administration	4,339.0	4,339.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of the Treasury	74,671.4	71,280.6	3,390.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bureau of Engraving and Printing	4,438.0	4,438.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Internal Revenue Service	68,908.7	66,792.6	2,116.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
U.S. Mint	1,324.7	50.0	1,274.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Veterans Affairs	322,168.6	322,168.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other agencies										
Agency for International Development	121,579.2	4,794.0	15,382.6	0.0	22,875.6	0.0	71,198.3	0.0	0.0	7,328.7
Appalachian Regional Commission	390.0	*	190.0	0.0	200.0	0.0	0.0	0.0	0.0	0.0
Environmental Protection Agency	394,200.0	204,561.7	125,316.5	0.0	63,497.9	0.0	0.0	0.0	0.0	823.8
Federal Communications Commission	3,883.4	3,883.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Federal Trade Commission	1,907.2	1,907.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Library of Congress	586.3	586.3	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	1,988.5	1,254.8	0.0	0.0	733.6	0.0	0.0	0.0	0.0	0.0
National Science Foundation	450,380.0	1,645.8	98,956.3	0.0	300,671.2	198.0	44,067.4	161.6	2,027.0	2,652.7
Nuclear Regulatory Commission	68,804.9	8,434.6	12,557.0	20,558.0	2,976.7	6,021.8	1,198.8	12,703.9	0.0	4,354.1
Social Security Administration	78,160.0	21,067.0	45,704.0	0.0	3,300.0	0.0	7,930.0	0.0	159.0	0.0

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

FFRDC = federally funded research and development center.

^a Intramural activities cover costs associated with the administration of intramural and extramural programs by federal personnel and actual intramural performance.

^b As of the FYs 2011–13 survey, Other defense agencies displays aggregated data of Department of Defense subagencies engaged in classified R&D projects.

^c The Bureau of Ocean Energy Management, Regulation and Enforcement was split into the Bureau of Ocean Energy Management and the Bureau of Safety and Environmental Enforcement in FY 2012.

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 the table. See appendix C for additional notes associated with the 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 2011–13.