

TABLE 12. Preliminary federal obligations for research and development and for R&D plant to federally funded research and development centers, by agency: FY 2011
(Dollars in thousands)

Agency	Research and development				R&D plant			
	Total	Industry FFRDC	University FFRDC	Nonprofit FFRDC	Total	Industry FFRDC	University FFRDC	Nonprofit FFRDC
All agencies	10,288,195.7	3,946,394.3	3,238,977.0	3,102,824.5	751,523.1	161,065.8	249,920.5	340,536.8
Departments								
Department of Agriculture	2,800.0	0.0	0.0	2,800.0	0.0	0.0	0.0	0.0
Rural Business-Cooperative Service	2,800.0	0.0	0.0	2,800.0	0.0	0.0	0.0	0.0
Department of Commerce	2,724.4	0.0	2,594.4	130.0	0.0	0.0	0.0	0.0
National Institute of Standards and Technology	130.0	0.0	0.0	130.0	0.0	0.0	0.0	0.0
National Oceanic and Atmospheric Administration	2,594.4	0.0	2,594.4	0.0	0.0	0.0	0.0	0.0
Department of Defense	2,430,996.7	662,767.1	416,854.0	1,351,375.5	0.0	0.0	0.0	0.0
Defense agencies and activities	450,773.1	188,523.9	131,164.7	131,084.5	0.0	0.0	0.0	0.0
Chemical and Biological Defense	10,093.0	7,386.4	1,393.8	1,312.8	0.0	0.0	0.0	0.0
Defense Advanced Research Projects Agency	76,460.4	15,742.2	47,671.1	13,047.1	0.0	0.0	0.0	0.0
Defense Information Systems Agency	1,221.6	0.0	0.0	1,221.6	0.0	0.0	0.0	0.0
Defense Threat Reduction Agency	90,627.9	77,950.2	4,032.5	8,645.2	0.0	0.0	0.0	0.0
Joint Staff	1,511.0	0.0	0.0	1,511.0	0.0	0.0	0.0	0.0
Missile Defense Agency	37,761.0	70.5	13,855.6	23,834.9	0.0	0.0	0.0	0.0
Office of the Secretary of Defense	233,098.2	87,374.7	64,211.7	81,511.9	0.0	0.0	0.0	0.0
Department of the Air Force	1,436,396.4	172,973.9	216,233.2	1,047,189.3	0.0	0.0	0.0	0.0
Department of the Army	88,991.1	24,410.8	30,650.6	33,929.7	0.0	0.0	0.0	0.0
Department of the Navy	411,382.1	276,858.6	38,805.6	95,717.9	0.0	0.0	0.0	0.0
Operational Test and Evaluation, Director	43,454.1	0.0	0.0	43,454.1	0.0	0.0	0.0	0.0
Department of Education	2,200.0	0.0	2,200.0	0.0	0.0	0.0	0.0	0.0
Department of Energy	5,921,252.4	2,678,721.1	1,721,577.3	1,520,954.0	680,787.6	160,608.3	193,650.0	326,529.2
Electricity Delivery and Energy Reliability	52,611.0	18,835.3	4,760.3	29,015.3	0.0	0.0	0.0	0.0
Energy Efficiency and Renewable Energy	512,012.7	72,200.6	98,957.4	340,854.7	36,104.0	0.0	0.0	36,104.0
Environmental Management	35,001.0	17,907.4	524.1	16,569.4	0.0	0.0	0.0	0.0
Fossil Energy	62,545.5	26,640.1	16,434.1	19,471.3	0.0	0.0	0.0	0.0
National Nuclear Security Administration	2,321,911.6	2,265,350.2	8,375.1	48,186.3	156,880.0	156,880.0	0.0	0.0
Defense Programs	2,062,479.6	2,060,979.6	1,500.0	0.0	156,880.0	156,880.0	0.0	0.0
Naval Reactors	1,595.9	1,481.5	19.4	95.0	0.0	0.0	0.0	0.0
Nonproliferation and Verification	257,836.0	202,889.1	6,855.7	48,091.3	0.0	0.0	0.0	0.0
Nuclear Energy	148,440.2	92,367.9	17,599.7	38,472.6	0.0	0.0	0.0	0.0
Office of Science	2,788,730.4	185,419.5	1,574,926.5	1,028,384.4	487,803.6	3,728.4	193,650.0	290,425.2
Department of Health and Human Services	693,449.2	551,657.1	47,367.2	94,424.9	0.0	0.0	0.0	0.0
Ctrs. for Disease Control and Prevention	8,804.5	0.0	5,172.5	3,632.0	0.0	0.0	0.0	0.0
National Institutes of Health	684,644.7	551,657.1	42,194.7	90,792.9	0.0	0.0	0.0	0.0
Department of Homeland Security	129,939.0	24,828.8	59,429.9	45,680.2	11,375.7	457.5	3.2	10,915.0
Science and Technology Directorate	129,939.0	24,828.8	59,429.9	45,680.2	11,375.7	457.5	3.2	10,915.0

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(Dollars in thousands)

Agency	Research and development				R&D plant			
	Total	Industry FFRDC	University FFRDC	Nonprofit FFRDC	Total	Industry FFRDC	University FFRDC	Nonprofit FFRDC
Department of Justice	1,605.7	975.0	355.0	275.7	0.0	0.0	0.0	0.0
Office of Justice Programs	1,605.7	975.0	355.0	275.7	0.0	0.0	0.0	0.0
Department of Transportation	53,346.5	0.0	2,639.5	50,707.0	0.0	0.0	0.0	0.0
Federal Aviation Administration	52,546.3	0.0	2,639.5	49,906.8	0.0	0.0	0.0	0.0
Federal Highway Administration	602.2	0.0	0.0	602.2	0.0	0.0	0.0	0.0
Federal Transit Administration	198.0	0.0	0.0	198.0	0.0	0.0	0.0	0.0
Department of the Treasury	150.0	0.0	0.0	150.0	0.0	0.0	0.0	0.0
Internal Revenue Service	150.0	0.0	0.0	150.0	0.0	0.0	0.0	0.0
Other agencies								
National Aeronautics and Space Administration	855,678.9	634.2	842,446.4	12,598.3	4,226.7	0.0	1,134.1	3,092.6
National Science Foundation	139,593.4	0.0	134,297.0	5,296.4	55,133.1	0.0	55,133.1	0.0
Nuclear Regulatory Commission	54,459.6	26,810.9	9,216.2	18,432.5	0.0	0.0	0.0	0.0

FFRDC = federally funded research and development center.

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.