

TABLE 49. Federal obligations for development, by agency and performer: FY 2010
(Dollars in thousands)

Agency	Total	Intramural ^a	Extramural								
			United States and U.S. territories								Foreign
			Industry	Industry FFRDC	Universities and colleges	University FFRDC	Other nonprofits	Nonprofit FFRDC	State, local governments		
All agencies	76,626,547.9	17,630,890.8	53,242,291.7	986,090.0	1,584,456.2	1,218,914.5	558,280.5	1,150,436.6	73,909.7	181,277.9	
Departments											
Department of Agriculture	223,171.8	199,011.5	0.0	0.0	22,444.9	0.0	1,318.3	0.0	140.6	256.6	
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	117,828.6	106,796.6	0.0	0.0	9,316.5	0.0	1,318.3	0.0	140.6	256.6	
Animal and Plant Health Inspection Service	30,092.5	16,964.1	0.0	0.0	13,128.3	0.0	0.0	0.0	0.0	0.0	
Forest Service	73,068.7	73,068.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Department of Commerce	139,354.8	78,237.4	22,640.2	0.0	35,245.7	0.0	1,448.9	0.0	554.0	1,228.6	
National Institute of Standards and Technology	34,117.8	3,374.4	22,636.2	0.0	5,975.7	0.0	916.9	0.0	0.0	1,214.6	
National Oceanic and Atmospheric Administration	67,431.0	37,057.0	4.0	0.0	29,270.0	0.0	532.0	0.0	554.0	14.0	
U.S. Census Bureau	37,806.0	37,806.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Department of Defense, total development	66,405,563.4	15,611,523.6	48,083,697.7	266,676.9	961,822.0	301,496.0	304,697.5	677,194.7	26,956.6	171,498.5	
Defense agencies and activities	13,820,935.4	4,072,253.4	8,803,912.7	160,763.7	333,730.1	94,637.4	63,514.1	125,247.1	21,041.6	145,835.3	
Chemical and Biological Defense	874,847.0	595,921.1	179,655.5	45,847.2	20,065.4	0.0	19,922.5	1,280.0	0.0	12,155.4	
Defense Advanced Research Projects Agency	1,818,015.0	138,946.0	1,499,727.7	11,071.7	97,034.5	31,206.1	7,046.1	4,252.0	0.0	28,731.0	
Defense Business Transformation Agency	209,989.6	107,094.7	102,894.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Defense Contract Management Agency	11,658.8	457.6	11,201.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Defense Information Systems Agency	294,228.0	62,058.5	225,602.0	0.0	0.0	0.0	0.0	6,567.5	0.0	0.0	
Defense Logistics Agency	183,108.0	132,730.0	32,375.1	0.0	17,483.0	0.0	520.0	0.0	0.0	0.0	
Defense Security Cooperation Agency	2,100.0	2,100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Defense Technical Information Ctr.	57,750.9	42,726.3	15,024.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Defense Threat Reduction Agency	258,835.9	57,800.7	157,266.5	25,156.1	5,890.7	0.0	7,354.0	5,258.0	0.0	110.0	
Joint Staff	111,776.0	109,299.0	0.0	0.0	0.0	0.0	0.0	2,477.0	0.0	0.0	
Missile Defense Agency	7,291,453.2	2,008,171.5	5,120,587.5	1,274.0	48,336.2	17,249.0	6,905.0	32,614.6	0.0	56,315.4	
Office of the Secretary of Defense	2,286,009.5	749,696.8	1,103,665.6	77,414.7	144,920.4	46,182.3	21,766.6	72,798.0	21,041.6	48,523.5	
Special Operations Command	421,163.6	65,251.3	355,912.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Department of the Air Force	24,843,162.0	2,428,880.8	21,809,425.5	62,260.6	64,818.6	114,498.2	8,417.2	347,843.0	5,915.1	1,103.1	
Department of the Army	9,178,064.1	3,049,438.1	5,677,984.3	14,149.7	193,968.7	37,378.0	142,830.4	52,445.9	0.0	9,868.9	
Department of the Navy	18,366,523.9	5,980,801.2	11,726,502.8	29,502.8	361,051.0	54,982.5	89,935.7	109,056.7	0.0	14,691.2	
Operational Test and Evaluation, Director	196,878.0	80,149.9	65,872.4	0.0	8,253.6	0.0	0.0	42,602.1	0.0	0.0	
Department of Defense, advanced technology	6,630,676.9	1,561,300.3	4,032,874.3	117,930.1	537,194.9	80,809.9	186,415.5	55,320.2	61.0	58,770.7	
Defense agencies and activities	3,719,928.9	841,561.3	2,341,124.5	105,501.1	244,726.8	71,002.4	34,753.7	28,920.9	0.0	52,338.2	
Chemical and Biological Defense	334,601.0	98,513.2	161,730.0	45,470.2	18,112.4	0.0	3,417.5	1,280.0	0.0	6,077.7	
Defense Advanced Research Projects Agency	1,558,489.0	60,072.0	1,342,509.9	11,071.7	74,111.3	31,206.1	6,535.1	4,252.0	0.0	28,731.0	
Defense Logistics Agency	154,332.5	105,362.6	32,375.1	0.0	16,074.8	0.0	520.0	0.0	0.0	0.0	
Defense Threat Reduction Agency	239,119.2	57,000.7	138,459.8	25,156.1	5,890.7	0.0	7,354.0	5,258.0	0.0	0.0	
Missile Defense Agency	181,781.0	41,314.3	122,435.4	3.0	14,340.7	2,948.0	739.6	0.0	0.0	0.0	
Office of the Secretary of Defense	1,164,271.3	470,140.4	465,437.6	23,800.1	116,196.8	36,848.3	16,187.6	18,130.9	0.0	17,529.5	

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			Industry	Industry FFRDC	Universities and colleges	University FFRDC	Other nonprofits	Nonprofit FFRDC	State, local governments	
Special Operations Command	87,335.0	9,158.2	78,176.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of the Air Force	734,595.0	193,021.4	462,353.6	6,118.8	50,529.7	1,697.5	1,424.7	18,871.3	61.0	517.0
Department of the Army	1,338,726.0	327,102.9	745,168.5	3,022.7	141,055.1	3,660.0	112,045.3	4,083.0	0.0	2,588.4
Department of the Navy	837,427.0	199,614.7	484,227.7	3,287.5	100,883.4	4,450.0	38,191.7	3,445.0	0.0	3,327.0
Department of Defense, major systems	59,774,886.6	14,050,223.3	44,050,823.4	148,746.7	424,627.0	220,686.1	118,282.0	621,874.5	26,895.6	112,727.8
Defense agencies and activities	10,101,006.5	3,230,692.1	6,462,788.2	55,262.7	89,003.3	23,634.9	28,760.4	96,326.2	21,041.6	93,497.1
Chemical and Biological Defense	540,246.0	497,407.9	17,925.5	377.0	1,952.9	0.0	16,505.0	0.0	0.0	6,077.7
Defense Advanced Research Projects Agency	259,526.0	78,874.0	157,217.9	0.0	22,923.1	0.0	511.0	0.0	0.0	0.0
Defense Business Transformation Agency	209,989.6	107,094.7	102,894.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Defense Contract Management Agency	11,658.8	457.6	11,201.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Defense Information Systems Agency	294,228.0	62,058.5	225,602.0	0.0	0.0	0.0	0.0	6,567.5	0.0	0.0
Defense Logistics Agency	28,775.5	27,367.4	0.0	0.0	1,408.1	0.0	0.0	0.0	0.0	0.0
Defense Security Cooperation Agency	2,100.0	2,100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Defense Technical Information Ctr.	57,750.9	42,726.3	15,024.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Defense Threat Reduction Agency	19,716.7	800.0	18,806.7	0.0	0.0	0.0	0.0	0.0	0.0	110.0
Joint Staff	111,776.0	109,299.0	0.0	0.0	0.0	0.0	0.0	2,477.0	0.0	0.0
Missile Defense Agency	7,109,672.2	1,966,857.2	4,998,152.1	1,271.0	33,995.5	14,301.0	6,165.4	32,614.6	0.0	56,315.4
Office of the Secretary of Defense	1,121,738.2	279,556.4	638,228.0	53,614.7	28,723.6	9,333.9	5,578.9	54,667.1	21,041.6	30,994.0
Special Operations Command	333,828.6	56,093.2	277,735.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of the Air Force	24,108,567.0	2,235,859.4	21,347,071.9	56,141.8	14,288.9	112,800.7	6,992.5	328,971.7	5,854.1	586.1
Department of the Army	7,839,338.1	2,722,335.2	4,932,815.8	11,127.0	52,913.7	33,718.0	30,785.1	48,362.9	0.0	7,280.5
Department of the Navy	17,529,096.9	5,781,186.6	11,242,275.1	26,215.3	260,167.7	50,532.5	51,744.0	105,611.7	0.0	11,364.2
Operational Test and Evaluation, Director	196,878.0	80,149.9	65,872.4	0.0	8,253.6	0.0	0.0	42,602.1	0.0	0.0
Department of Education	137,657.5	5,979.5	11,972.8	0.0	84,617.4	0.0	35,087.9	0.0	0.0	0.0
Department of Energy	3,087,238.1	509,045.5	1,136,398.9	704,174.0	160,259.4	106,610.9	74,021.8	387,072.5	9,655.2	*
Advanced Research Projects Agency-Energy	172,708.6	4,959.4	140,118.4	0.0	21,575.4	0.0	3,513.3	2,542.0	0.0	0.0
Bonneville Power Administration	1,310.7	197.4	1,113.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity Delivery and Energy Reliability	39,891.6	5,137.6	5,415.6	9,232.1	1,841.1	2,989.9	748.8	14,526.5	0.0	0.0
Energy Efficiency and Renewable Energy	983,438.0	366,675.6	0.0	80,236.6	96,430.5	86,711.7	26,666.1	326,717.4	0.0	0.0
Environmental Management	59,005.4	1.0	18,399.1	15,222.2	7,027.6	445.6	3,825.1	14,084.7	0.0	0.0
Fossil Energy	266,616.0	84,658.2	71,215.5	0.0	31,323.2	14,480.3	38,695.4	16,588.2	9,655.2	*
National Nuclear Security Administration	1,497,060.0	47,415.2	875,601.5	556,811.7	2,061.6	1,983.4	573.0	12,613.7	0.0	0.0
Defense Programs	537,156.0	9,457.4	0.0	527,698.6	0.0	0.0	0.0	0.0	0.0	0.0
Naval Reactors	914,333.0	37,957.8	875,182.5	1,056.9	0.0	42.9	0.0	93.0	0.0	0.0
Nonproliferation and Verification	45,571.0	*	419.0	28,056.2	2,061.6	1,940.5	573.0	12,520.7	0.0	0.0
Nuclear Energy	67,207.8	1.0	24,535.5	42,671.4	0.0	0.0	0.0	0.0	0.0	0.0

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			United States and U.S. territories							Foreign
			Industry	Industry FFRDC	Universities and colleges	University FFRDC	Other nonprofits	Nonprofit FFRDC	State, local governments	
Other agencies										
Environmental Protection Agency ^b	87,500.0	66,094.0	10,497.6	0.0	8,156.0	0.0	2,445.4	0.0	119.9	187.1
Library of Congress	660.0	660.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Aeronautics and Space Administration	5,618,440.1	739,433.1	3,759,626.0	68.3	238,493.5	782,133.5	77,314.2	13,889.7	472.9	7,009.0

* = 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.