

TABLE 88. Federal obligations for research and development to intramural performers for personnel costs, by agency: FYs 2010–12  
(Dollars in thousands)

Agency	Preliminary								
	Total intramural R&D (2010)	Personnel costs (2010)		Total intramural R&D (2011)	Personnel costs (2011)		Total intramural R&D (2012)	Personnel costs (2012)	
		Amount	% of total		Amount	% of total		Amount	% of total
All agencies	30,911,822.5	8,088,547.4	26.2	32,065,881.5	8,228,231.1	25.7	29,691,287.8	7,947,140.2	26.8
Departments									
Department of Agriculture	1,558,413.7	1,002,013.8	64.3	1,611,155.4	1,004,538.3	62.3	1,582,161.2	968,059.1	61.2
Agricultural Marketing Service	4,364.0	3,248.6	74.4	4,287.0	3,172.4	74.0	4,287.0	3,172.4	74.0
Agricultural Research Service	1,067,966.0	732,948.6	68.6	1,099,013.9	732,879.0	66.7	1,134,290.0	717,629.0	63.3
Animal and Plant Health Inspection Service	16,964.1	11,366.0	67.0	15,940.3	10,680.0	67.0	15,335.9	10,275.1	67.0
Economic Research Service	80,836.0	11,033.0	13.6	82,493.0	12,199.0	14.8	74,855.0	7,311.0	9.8
Foreign Agricultural Service	283.2	283.2	100.0	283.2	283.2	100.0	283.2	283.2	100.0
Forest Service	312,012.0	209,000.0	67.0	339,499.4	211,000.0	62.2	280,499.4	195,000.0	69.5
Grain Inspection, Packers, and Stockyards Administration	6,276.8	4,707.6	75.0	6,690.6	5,017.9	75.0	6,690.6	5,017.9	75.0
National Agricultural Statistics Service	6,347.5	5,625.8	88.6	6,660.0	5,505.8	82.7	6,660.0	5,569.5	83.6
National Institute of Food and Agriculture	62,264.0	22,701.0	36.5	55,188.0	22,701.0	41.1	58,160.0	22,701.0	39.0
Rural Business-Cooperative Service	1,100.0	1,100.0	100.0	1,100.0	1,100.0	100.0	1,100.0	1,100.0	100.0
Department of Commerce	891,542.2	446,381.7	50.1	801,851.5	425,081.8	53.0	1,029,928.2	551,859.6	53.6
Economic Development Administration	263.4	263.4	100.0	25.0	25.0	100.0	199.2	199.2	100.0
National Institute of Standards and Technology	487,978.8	257,387.4	52.7	403,158.4	257,826.3	64.0	496,841.8	299,074.3	60.2
National Oceanic and Atmospheric Administration	348,501.0	161,766.7	46.4	351,033.0	138,111.7	39.3	411,753.2	176,258.4	42.8
National Telecommunications and Information Administration	7,569.9	7,569.9	100.0	8,138.2	8,138.2	100.0	8,829.1	8,829.1	100.0
U.S. Census Bureau	47,229.2	19,394.4	41.1	39,497.0	20,980.6	53.1	112,304.9	67,498.6	60.1
Department of Defense	17,732,716.2	2,391,915.1	13.5	19,791,047.8	2,485,084.1	12.6	17,174,686.3	2,468,883.5	14.4
Defense agencies and activities	4,352,951.1	590,590.2	13.6	4,423,153.4	486,173.5	11.0	4,066,188.5	479,341.6	11.8
Chemical and Biological Defense	712,831.8	149,269.5	20.9	235,603.0	67,197.7	28.5	208,919.5	57,816.6	27.7
Defense Advanced Research Projects Agency	231,694.5	147,615.4	63.7	185,447.9	142,846.6	77.0	183,003.2	142,337.9	77.8
Defense Business Transformation Agency	107,094.7	2,100.0	2.0	51,845.2	1,016.6	2.0	0.0	0.0	-
Defense Contract Management Agency	457.6	112.3	24.5	469.6	112.9	24.0	488.3	112.9	23.1
Defense Information Systems Agency	62,058.5	3,175.4	5.1	50,848.6	2,965.6	5.8	53,838.6	3,810.4	7.1
Defense Logistics Agency	132,730.0	17,163.1	12.9	81,839.5	17,088.2	20.9	75,633.2	18,454.4	24.4
Defense Security Cooperation Agency	2,100.0	1,900.0	90.5	2,266.0	1,359.6	60.0	2,469.0	1,481.4	60.0
Defense Technical Information Ctr.	42,726.3	31,530.9	73.8	47,685.7	33,143.0	69.5	45,360.3	30,240.0	66.7
Defense Threat Reduction Agency	95,022.6	9,502.3	10.0	106,725.1	10,672.5	10.0	101,405.1	10,140.5	10.0
Joint Staff	109,299.0	1.0	**	89,136.0	1.0	**	83,409.0	1.0	**
Missile Defense Agency	2,008,171.5	12,832.2	0.6	2,706,702.9	649.0	**	2,516,583.0	138.0	**
Office of the Secretary of Defense	779,931.6	208,377.5	26.7	824,811.1	204,745.5	24.8	735,284.7	208,231.0	28.3
Special Operations Command	68,832.9	7,010.6	10.2	39,772.6	4,375.2	11.0	59,794.6	6,577.4	11.0
Department of the Air Force	3,164,327.6	424,205.0	13.4	4,877,885.4	612,110.8	12.5	4,406,680.9	611,740.0	13.9
Department of the Army	3,721,054.5	1,242,855.0	33.4	4,467,811.9	1,255,312.8	28.1	3,856,616.0	1,248,066.3	32.4
Department of the Navy	6,414,233.0	99,861.4	1.6	5,943,650.2	97,771.5	1.6	4,767,439.5	96,357.2	2.0
Operational Test and Evaluation, Director	80,149.9	34,403.6	42.9	78,546.9	33,715.5	42.9	77,761.4	33,378.3	42.9

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Department of Education	16,925.3	11,747.4	69.4	16,874.9	12,487.2	74.0	16,775.2	12,371.0	73.7
Department of Energy	1,078,619.8	237,171.9	22.0	877,456.5	197,094.6	22.5	1,108,653.9	190,085.8	17.1
Advanced Research Projects Agency-Energy	11,021.0	1,900.0	17.2	8,886.3	5,000.0	56.3	28,068.0	6,500.0	23.2
Bonneville Power Administration	1,973.8	1,769.1	89.6	1,973.8	1,769.1	89.6	6,575.4	3,674.4	55.9
Electricity Delivery and Energy Reliability	12,069.8	*	**	4,912.4	*	**	8,702.3	*	**
Energy Efficiency and Renewable Energy	722,910.6	104,732.5	14.5	418,444.0	60,622.6	14.5	382,813.2	57,490.8	15.0
Environmental Management	2.0	2.0	100.0	2.0	2.0	100.0	2.0	2.0	100.0
Fossil Energy	150,363.9	82,905.3	55.1	127,357.9	70,220.6	55.1	91,964.9	50,706.2	55.1
National Nuclear Security Administration	123,581.9	44,859.9	36.3	211,481.6	56,532.1	26.7	317,614.0	70,708.3	22.3
Defense Programs	80,599.1	8,059.9	10.0	161,121.0	16,112.1	10.0	262,083.0	26,208.3	10.0
Naval Reactors	37,957.8	36,800.0	96.9	44,585.6	40,420.0	90.7	49,756.0	44,500.0	89.4
Nonproliferation and Verification	5,025.0	*	**	5,775.0	*	**	5,775.0	*	**
Nuclear Energy	6,287.3	2.0	**	1,000.0	2.0	0.2	2.0	2.0	100.0
Office of Science	50,409.5	1,001.0	2.0	103,398.6	2,946.0	2.8	272,912.0	1,002.0	0.4
Department of Health and Human Services	5,999,130.8	2,156,446.5	35.9	5,318,641.7	2,230,458.3	41.9	5,424,423.5	2,152,483.4	39.7
Administration for Children and Families	274.0	274.0	100.0	279.8	279.8	100.0	285.6	285.6	100.0
Agency for Healthcare Research and Quality	97,062.4	76,339.5	78.6	130,358.0	127,985.2	98.2	73,022.3	48,986.9	67.1
Agency for Toxic Substances and Disease Registry	291.6	283.2	97.1	1,297.0	533.6	41.1	1,692.7	942.7	55.7
Ctrs. for Disease Control and Prevention	155,282.1	91,493.5	58.9	149,429.2	95,129.1	63.7	149,529.0	95,738.6	64.0
Ctrs. for Medicare and Medicaid Services	30.0	10.0	33.3	202.6	10.0	4.9	178.0	10.0	5.6
Food and Drug Administration	190,968.6	632.6	**	210,065.5	632.6	0.3	211,338.5	632.6	0.3
Health Resources and Services Administration	3,687.1	3,316.1	89.9	3,846.1	3,483.6	90.6	3,844.6	3,481.4	90.6
National Institutes of Health	5,546,037.4	1,984,087.0	35.8	4,817,917.3	2,002,392.0	41.6	4,979,632.8	2,002,392.0	40.2
Office of the Secretary	5,497.6	10.5	**	5,246.3	12.5	0.2	4,900.0	13.5	0.3
Office of the Assistant Secretary, Planning and Evaluation	5,497.6	10.5	**	5,246.3	12.5	0.2	4,900.0	13.5	0.3
Department of Homeland Security	232,151.9	51,363.2	22.1	219,922.2	51,481.6	23.4	244,671.2	38,128.0	15.6
Science and Technology Directorate	223,253.8	44,650.8	20.0	203,068.1	40,613.6	20.0	237,181.9	32,833.4	13.8
U.S. Coast Guard	8,898.1	6,712.4	75.4	16,854.1	10,867.9	64.5	7,489.3	5,294.6	70.7
Department of Housing and Urban Development	40,933.5	31,000.0	75.7	43,360.2	32,000.0	73.8	47,194.6	36,000.0	76.3
Department of the Interior	594,294.7	401,574.1	67.6	571,474.0	392,908.3	68.8	582,985.2	396,146.8	68.0
Bureau of Ocean Energy Management, Regulation and Enforcement	20,374.2	5,568.3	27.3	16,398.4	5,712.3	34.8	16,791.6	5,826.5	34.7
Bureau of Reclamation	3,468.0	435.0	12.5	3,310.2	411.0	12.4	3,310.2	411.0	12.4
National Park Service	349.7	65.8	18.8	0.0	0.0	-	0.0	0.0	-
U.S. Geological Survey	570,102.8	395,505.0	69.4	551,765.4	386,785.0	70.1	562,883.3	389,909.3	69.3
Department of Justice	46,668.4	8,519.6	18.3	26,260.7	5,246.6	20.0	22,808.9	6,226.8	27.3
Bureau of Prisons	2,893.0	2,713.6	93.8	2,979.0	2,794.3	93.8	3,068.0	2,877.8	93.8

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Federal Bureau of Investigation	30,000.0	2,349.0	7.8	17,740.9	2,349.0	13.2	17,740.9	2,349.0	13.2
Office of Justice Programs	13,775.4	3,457.0	25.1	5,540.8	103.3	1.9	2,000.0	1,000.0	50.0
Department of Labor	6,727.6	6,727.6	100.0	6,948.7	6,948.7	100.0	7,123.2	7,123.2	100.0
Employee Benefits Security Administration	1,270.6	1,270.6	100.0	1,346.7	1,346.7	100.0	1,371.2	1,371.2	100.0
Occupational Safety and Health Administration	4,840.0	4,840.0	100.0	4,985.0	4,985.0	100.0	5,135.0	5,135.0	100.0
Pension Benefit Guaranty Corp.	617.0	617.0	100.0	617.0	617.0	100.0	617.0	617.0	100.0
Department of State	2,940.6	717.5	24.4	3,258.2	717.5	22.0	3,258.2	717.5	22.0
Department of Transportation	268,044.1	108,485.8	40.5	295,870.8	125,748.1	42.5	310,984.4	124,925.2	40.2
Federal Aviation Administration	141,148.2	83,277.3	59.0	149,731.0	86,144.1	57.5	138,446.5	89,484.2	64.6
Federal Highway Administration	41,852.5	48.3	**	48,080.2	319.4	0.7	58,139.5	357.5	0.6
Federal Motor Carrier Safety Administration	377.1	177.1	47.0	726.4	346.4	47.7	832.5	332.5	39.9
Federal Railroad Administration	16,917.4	3,402.1	20.1	35,864.1	4,799.0	13.4	44,489.0	4,254.0	9.6
Federal Transit Administration	904.0	904.0	100.0	1,198.0	1,198.0	100.0	1,812.0	1,812.0	100.0
National Highway Traffic Safety Administration	41,085.0	10,200.0	24.8	38,063.0	21,597.0	56.7	51,882.0	17,158.0	33.1
Office of the Secretary	17,518.4	4,874.0	27.8	10,190.0	5,593.2	54.9	6,463.0	5,697.1	88.1
Pipeline and Hazardous Materials Safety Administration	2,220.4	1,050.0	47.3	5,236.0	1,050.0	20.1	2,135.0	1,445.0	67.7
Research and Innovative Technology Administration	6,021.0	4,553.0	75.6	6,782.0	4,701.0	69.3	6,785.0	4,385.0	64.6
Department of the Treasury	64,781.0	45,453.8	70.2	73,389.2	49,102.1	66.9	71,706.6	49,114.3	68.5
Bureau of Engraving and Printing	1,165.1	728.8	62.6	5,512.0	1,128.1	20.5	3,829.4	1,140.3	29.8
Internal Revenue Service	63,515.9	44,625.0	70.3	67,777.2	47,874.0	70.6	67,777.2	47,874.0	70.6
U.S. Mint	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Department of Veterans Affairs	563,000.0	287,280.0	51.0	579,000.0	295,388.0	51.0	521,000.0	265,806.0	51.0
Other agencies									
Agency for International Development	4,459.1	103.1	2.3	4,236.1	98.0	2.3	4,024.3	93.1	2.3
Appalachian Regional Commission	*	*	100.0	*	*	100.0	*	*	100.0
Environmental Protection Agency <sup>a</sup>	428,664.5	251,897.4	58.8	464,924.6	278,843.3	60.0	466,408.1	284,546.9	61.0
Federal Communications Commission	3,667.6	3,667.6	100.0	3,740.9	3,740.9	100.0	3,890.4	3,890.4	100.0
Federal Trade Commission	2,997.3	1,732.4	57.8	1,890.7	1,092.8	57.8	2,032.3	1,174.6	57.8
Library of Congress	1,379.6	883.9	64.1	1,338.1	748.8	56.0	1,399.8	820.8	58.6
National Aeronautics and Space Administration	1,064,157.6	526,710.2	49.5	1,036,813.3	508,064.4	49.0	737,854.4	268,556.0	36.4
National Archives and Records Administration	120.0	100.0	83.3	1,786.1	1,246.9	69.8	164.3	164.3	100.0
National Science Foundation	126,249.9	*	**	124,938.0	*	**	139,796.0	*	**

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Nuclear Regulatory Commission	4,269.0	32.6	0.8	6,702.7	33.0	0.5	3,905.7	22.1	0.6
Smithsonian Institution	167,000.0	108,550.0	65.0	169,000.0	109,850.0	65.0	170,000.0	110,500.0	65.0
Social Security Administration	11,968.0	8,072.0	67.4	13,999.0	10,228.0	73.1	13,452.0	9,442.0	70.2

\* = amount greater than \$0 but less than \$50; \*\* = amount greater than 0 but less than 0.05%; - = no value possible.

<sup>a</sup> 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.