

TABLE 28. Preliminary federal obligations for basic research, by agency and performer: FY 2011  
(Dollars in thousands)

Agency	Extramural									
	Total	Intramural <sup>a</sup>	United States and U.S. territories							Foreign
			Industry	Industry FFRDC	Universities and colleges	University FFRDC	Other nonprofits	Nonprofit FFRDC	State, local governments	
All agencies	29,060,799.6	4,794,138.9	1,601,954.8	515,154.5	15,758,660.1	1,914,590.2	3,088,624.4	1,102,909.0	93,836.5	190,931.2
Departments										
Department of Agriculture	1,078,808.1	682,634.2	1,364.2	0.0	379,453.9	0.0	11,259.6	0.0	3,063.3	1,032.8
Agricultural Research Service	592,500.0	549,506.9	0.0	0.0	36,560.0	0.0	4,943.6	0.0	527.1	962.4
Economic Research Service	2,203.0	1,596.0	607.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Foreign Agricultural Service	121.9	79.3	0.0	0.0	25.3	0.0	17.4	0.0	0.0	0.0
Forest Service	110,078.5	97,876.4	52.2	0.0	8,656.7	0.0	1,453.7	0.0	1,969.2	70.4
Grain Inspection, Packers, and Stockyards Administration	6,690.6	6,690.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Agricultural Statistics Service	3,200.0	3,200.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Institute of Food and Agriculture	364,014.0	23,685.0	705.0	0.0	334,212.0	0.0	4,845.0	0.0	567.0	0.0
Department of Commerce	149,802.2	119,506.9	10,837.1	0.0	18,859.1	0.0	569.2	0.0	0.0	30.0
Economic Development Administration	442.0	17.0	0.0	0.0	0.0	0.0	425.0	0.0	0.0	0.0
National Institute of Standards and Technology	149,360.3	119,489.9	10,837.1	0.0	18,859.1	0.0	144.2	0.0	0.0	30.0
Department of Defense	1,903,932.1	464,503.4	259,188.2	7,532.1	1,103,966.4	2,954.2	39,609.8	4,803.0	0.0	21,375.0
Defense agencies and activities	443,637.2	36,863.4	75,706.8	5,750.4	304,650.4	1,927.8	11,269.8	3,219.6	0.0	4,249.1
Chemical and Biological Defense	27,925.0	8,998.3	3,568.8	1,746.1	11,130.1	543.8	702.2	1,089.3	0.0	146.4
Defense Advanced Research Projects Agency	313,960.0	17,182.2	70,909.4	1,806.5	209,629.5	1,384.0	8,037.0	1,317.6	0.0	3,693.7
Defense Threat Reduction Agency	44,541.3	4,138.2	1,228.6	2,197.8	33,224.5	0.0	2,530.6	812.7	0.0	409.0
Office of the Secretary of Defense	57,211.0	6,544.7	0.0	0.0	50,666.3	0.0	0.0	0.0	0.0	0.0
Department of the Air Force	511,692.6	95,443.6	89,493.9	0.0	317,833.1	876.4	1,274.4	0.0	0.0	6,771.2
Department of the Army	416,548.3	151,032.3	65,094.7	0.0	189,570.0	150.0	9,948.5	198.0	0.0	554.8
Department of the Navy	532,054.0	181,164.0	28,892.7	1,781.8	291,913.0	0.0	17,117.1	1,385.4	0.0	9,799.9
Department of Education	7,482.3	321.9	0.0	0.0	5,544.5	0.0	1,615.9	0.0	0.0	0.0
Department of Energy	3,717,186.1	110,489.4	91,223.9	208,235.9	652,955.1	1,578,600.6	36,149.0	1,036,908.8	193.1	2,430.3
Bonneville Power Administration	7,923.1	1,184.3	5,383.4	0.0	162.4	0.0	1,000.0	0.0	193.1	0.0
Electricity Delivery and Energy Reliability	6,448.5	128.0	1,402.1	1,630.5	435.2	142.9	1,439.6	1,270.2	0.0	0.0
Energy Efficiency and Renewable Energy	5,229.0	2,043.5	0.0	951.9	537.4	483.0	148.5	1,064.7	0.0	0.0
Fossil Energy	4,106.0	*	0.0	0.0	4,105.9	0.0	0.0	0.0	0.0	0.0
National Nuclear Security Administration	39,787.1	3,735.0	3,600.0	20,234.0	2,473.4	3,048.3	507.0	6,189.5	0.0	0.0
Nonproliferation and Verification	39,787.1	3,735.0	3,600.0	20,234.0	2,473.4	3,048.3	507.0	6,189.5	0.0	0.0
Office of Science	3,653,692.5	103,398.6	80,838.4	185,419.5	645,240.9	1,574,926.5	33,053.9	1,028,384.4	0.0	2,430.3
Department of Health and Human Services	16,123,620.9	2,630,326.1	865,102.8	297,651.9	9,565,747.2	22,766.6	2,485,311.0	48,988.2	66,299.3	141,427.8
Ctrs. for Disease Control and Prevention	84,912.6	28,287.3	1,711.9	0.0	28,693.1	0.0	3,117.8	0.0	21,424.7	1,677.9
Health Resources and Services Administration	2,485.3	2,485.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Institutes of Health	16,036,223.0	2,599,553.5	863,391.0	297,651.9	9,537,054.1	22,766.6	2,482,193.3	48,988.2	44,874.6	139,749.9
Department of Homeland Security	91,204.6	17,996.0	5,289.4	1,327.6	53,037.1	4,302.7	3,230.7	6,021.0	0.0	0.0
Science and Technology Directorate	91,204.6	17,996.0	5,289.4	1,327.6	53,037.1	4,302.7	3,230.7	6,021.0	0.0	0.0

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			Industry	Industry FFRDC	Universities and colleges	University FFRDC	Other nonprofits	Nonprofit FFRDC	State, local governments	
Department of the Interior	48,939.0	42,369.1	138.2	0.0	4,646.9	0.0	209.1	0.0	1,040.8	534.9
U.S. Geological Survey	48,939.0	42,369.1	138.2	0.0	4,646.9	0.0	209.1	0.0	1,040.8	534.9
Department of Justice	17,524.1	610.0	2,397.7	0.0	9,676.6	0.0	3,672.2	0.0	1,167.5	0.0
Office of Justice Programs	17,524.1	610.0	2,397.7	0.0	9,676.6	0.0	3,672.2	0.0	1,167.5	0.0
Department of Transportation	8,105.4	8,105.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Federal Highway Administration	8,105.4	8,105.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of the Treasury	358.8	358.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Bureau of Engraving and Printing	358.8	358.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Veterans Affairs	218,000.0	218,000.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other agencies										
Agency for International Development	776.4	219.1	95.0	0.0	0.0	0.0	462.3	0.0	0.0	0.0
Environmental Protection Agency <sup>b</sup>	88,032.0	70,928.9	7,718.3	0.0	8,177.1	0.0	1,072.0	0.0	91.6	44.1
National Aeronautics and Space Administration	856,837.8	135,355.7	159,096.5	406.9	314,232.0	171,669.2	73,638.1	891.6	177.6	1,370.2
National Science Foundation	4,581,190.0	123,414.1	199,503.3	0.0	3,642,364.0	134,297.0	431,825.6	5,296.4	21,803.4	22,686.2
Smithsonian Institution	169,000.0	169,000.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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

FFRDC = federally funded research and development center.

<sup>a</sup> Includes costs associated with administration of intramural and extramural programs by federal personnel and actual intramural performance.

<sup>b</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.