

TABLE 21. Preliminary federal obligations for research, by agency and field of science and engineering: FY 2011  
(Dollars in thousands)

Agency	Total	Environmental sciences	Life sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Other sciences, nec	Engineering
All agencies	58,166,731.5	3,124,664.1	30,202,684.4	3,275,503.1	5,534,039.4	1,905,000.2	1,221,870.7	2,763,534.1	10,139,435.6
Departments									
Department of Agriculture	2,372,213.1	20,805.4	1,894,877.4	9,771.5	197,170.6	0.0	207,082.1	0.0	42,506.1
Agricultural Marketing Service	2,143.5	0.0	2,143.5	0.0	0.0	0.0	0.0	0.0	0.0
Agricultural Research Service	1,066,500.0	4,692.6	979,793.6	1,386.5	71,028.9	0.0	0.0	0.0	9,598.5
Economic Research Service	88,412.0	0.0	0.0	0.0	0.0	0.0	88,412.0	0.0	0.0
Foreign Agricultural Service	435.5	0.0	435.5	0.0	0.0	0.0	0.0	0.0	0.0
Forest Service	314,573.5	3,028.8	172,659.3	1,085.0	98,634.7	0.0	36,976.1	0.0	2,189.6
Grain Inspection, Packers, and Stockyards Administration	6,690.6	0.0	6,690.6	0.0	0.0	0.0	0.0	0.0	0.0
National Agricultural Statistics Service	7,300.0	0.0	0.0	7,300.0	0.0	0.0	0.0	0.0	0.0
National Institute of Food and Agriculture	881,958.0	13,084.0	730,355.0	0.0	27,507.0	0.0	80,294.0	0.0	30,718.0
Rural Business-Cooperative Service	4,200.0	0.0	2,800.0	0.0	0.0	0.0	1,400.0	0.0	0.0
Department of Commerce	989,081.3	351,167.5	74,176.7	115,531.7	202,752.6	561.9	16,145.2	11,969.4	216,776.5
Economic Development Administration	650.0	0.0	0.0	0.0	0.0	0.0	650.0	0.0	0.0
National Institute of Standards and Technology	517,942.2	998.5	11,278.7	108,106.5	187,139.6	0.0	591.2	6,846.4	202,981.3
National Oceanic and Atmospheric Administration	456,732.0	350,169.0	62,898.0	3,548.0	15,613.0	0.0	13,724.0	5,123.0	5,657.0
National Telecommunications and Information Administration	8,138.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8,138.2
U.S. Census Bureau	5,619.0	0.0	0.0	3,877.1	0.0	561.9	1,180.0	0.0	0.0
Department of Defense	6,578,188.8	297,340.9	599,484.1	949,571.9	783,170.3	81,134.9	48,205.3	189,592.9	3,629,688.4
Defense agencies and activities	2,162,415.5	38,048.7	251,850.6	583,951.6	272,826.3	4,651.6	4,106.0	55,733.8	951,247.2
Chemical and Biological Defense	112,025.0	368.3	55,344.4	0.0	51,664.3	0.0	0.0	4,648.0	0.0
Defense Advanced Research Projects Agency	1,605,914.0	35,026.0	190,845.1	508,775.9	99,858.2	0.0	0.0	18,676.4	752,732.4
Defense Threat Reduction Agency	258,187.0	0.0	0.0	32,012.0	115,422.0	0.0	0.0	21,429.0	89,324.1
Office of the Secretary of Defense	159,744.5	2,654.3	5,661.2	43,163.7	5,881.9	4,651.6	4,106.0	10,980.3	82,645.6
Special Operations Command	26,545.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	26,545.0
Department of the Air Force	1,805,432.3	15,814.9	60,190.0	104,584.1	299,193.7	32,092.0	10,239.2	81,339.8	1,201,978.5
Department of the Army	1,343,357.0	45,112.3	179,718.2	158,576.3	152,985.1	40,959.8	14,465.2	22,818.6	728,721.4
Department of the Navy	1,266,984.0	198,364.9	107,725.3	102,459.9	58,165.2	3,431.6	19,394.9	29,700.8	747,741.4
Department of Education	213,093.2	0.0	12,547.6	0.0	0.0	12,291.2	179,530.7	2,688.7	6,035.2
Department of Energy	6,771,373.0	304,889.9	297,955.4	993,165.6	2,612,071.7	0.0	0.0	286,754.0	2,276,536.3
Advanced Research Projects Agency-Energy	14,349.1	0.0	0.0	0.0	0.0	0.0	0.0	7,109.1	7,240.0
Bonneville Power Administration	11,884.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11,884.6
Electricity Delivery and Energy Reliability	66,087.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	66,087.5
Energy Efficiency and Renewable Energy	515,367.0	0.0	1,229.9	0.0	3,999.1	0.0	0.0	0.0	510,138.0
Environmental Management	23,136.4	23,136.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fossil Energy	184,765.0	17,960.0	0.0	0.0	33,664.0	0.0	0.0	0.0	133,141.0
National Nuclear Security Administration	2,144,369.6	14,158.3	485.0	625,698.4	791,257.6	0.0	0.0	160.2	712,610.1
Defense Programs	1,874,690.1	0.0	0.0	610,995.0	659,980.4	0.0	0.0	0.0	603,714.8
Nonproliferation and Verification	269,679.5	14,158.3	485.0	14,703.4	131,277.3	0.0	0.0	160.2	108,895.3

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Nuclear Energy	157,721.3	0.0	0.0	0.0	0.0	0.0	0.0	157,721.3	0.0
Office of Science	3,653,692.5	249,635.3	296,240.5	367,467.3	1,783,151.0	0.0	0.0	121,763.4	835,435.0
Department of Health and Human Services	31,440,371.8	446,911.8	25,396,925.0	172,897.7	221,064.7	1,666,564.2	313,806.7	1,463,737.1	1,758,464.8
Administration for Children and Families	6,896.4	0.0	0.0	0.0	0.0	0.0	6,896.4	0.0	0.0
Agency for Healthcare Research and Quality	1,003,341.7	0.0	649,745.7	65,300.4	546.4	5,499.0	92,671.1	187,833.9	1,745.2
Agency for Toxic Substances and Disease Registry	3,832.8	3,832.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ctrs. for Disease Control and Prevention	391,291.3	98,882.3	187,244.3	0.0	0.0	1,718.4	29,734.3	73,711.9	0.0
Ctrs. for Medicare and Medicaid Services	35,528.8	0.0	35,528.8	0.0	0.0	0.0	0.0	0.0	0.0
Food and Drug Administration	231,666.0	0.0	231,666.0	0.0	0.0	0.0	0.0	0.0	0.0
Health Resources and Services Administration	26,232.0	0.0	26,232.0	0.0	0.0	0.0	0.0	0.0	0.0
National Institutes of Health	29,720,948.0	344,196.7	24,266,508.3	107,597.3	220,518.3	1,659,346.8	163,869.9	1,202,191.2	1,756,719.6
Office of the Secretary	20,635.0	0.0	0.0	0.0	0.0	0.0	20,635.0	0.0	0.0
Office of the Assistant Secretary, Planning and Evaluation	20,635.0	0.0	0.0	0.0	0.0	0.0	20,635.0	0.0	0.0
Department of Homeland Security	299,427.7	5,557.0	78,603.3	50,741.3	43,422.1	12,978.3	16,535.8	18,399.9	73,190.1
Science and Technology Directorate	285,535.7	0.0	78,603.3	47,886.3	43,422.1	12,003.3	16,535.8	18,399.9	68,685.1
U.S. Coast Guard	13,892.0	5,557.0	0.0	2,855.0	0.0	975.0	0.0	0.0	4,505.0
Department of Housing and Urban Development	64,388.7	0.0	0.0	0.0	0.0	0.0	62,810.6	446.9	1,131.3
Department of the Interior	613,516.0	341,434.8	208,452.6	0.0	32,660.0	0.0	17,650.0	4,090.7	9,227.8
Bureau of Ocean Energy Management, Regulation and Enforcement	39,428.0	13,922.8	18,496.4	0.0	0.0	0.0	0.0	3,456.3	3,552.4
Bureau of Reclamation	6,896.0	0.0	586.2	0.0	0.0	0.0	0.0	634.5	5,675.4
U.S. Geological Survey	567,192.0	327,512.0	189,370.0	0.0	32,660.0	0.0	17,650.0	0.0	0.0
Department of Justice	83,326.3	0.0	16,600.7	5,529.6	5,226.7	0.0	47,902.4	8,066.7	0.0
Bureau of Prisons	2,882.0	0.0	0.0	0.0	0.0	0.0	2,882.0	0.0	0.0
Federal Bureau of Investigation	8,066.7	0.0	0.0	0.0	0.0	0.0	0.0	8,066.7	0.0
Office of Justice Programs	72,377.5	0.0	16,600.7	5,529.6	5,226.7	0.0	45,020.4	0.0	0.0
Department of Labor	11,283.6	0.0	0.0	0.0	0.0	0.0	5,222.6	6,061.0	0.0
Employee Benefits Security Administration	5,057.6	0.0	0.0	0.0	0.0	0.0	5,057.6	0.0	0.0
Occupational Safety and Health Administration	6,061.0	0.0	0.0	0.0	0.0	0.0	0.0	6,061.0	0.0
Pension Benefit Guaranty Corp.	165.0	0.0	0.0	0.0	0.0	0.0	165.0	0.0	0.0
Department of State	3,258.2	0.0	0.0	0.0	0.0	0.0	3,258.2	0.0	0.0
Department of Transportation	712,724.6	29,527.8	23,816.9	26,508.5	0.0	33,477.4	13,202.4	81,455.0	504,736.7
Federal Aviation Administration	242,491.0	26,882.3	10,369.9	18,512.8	0.0	33,477.4	0.0	8,897.0	144,351.6
Federal Highway Administration	323,192.6	2,645.5	94.0	3,839.7	0.0	0.0	868.4	40,362.0	275,383.1
Federal Motor Carrier Safety Administration	5,541.0	0.0	0.0	0.0	0.0	0.0	0.0	5,541.0	0.0
Federal Railroad Administration	38,775.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	38,775.0
Federal Transit Administration	26,655.0	0.0	0.0	0.0	0.0	0.0	0.0	26,655.0	0.0
National Highway Traffic Safety Administration	64,793.0	0.0	13,353.0	4,156.0	0.0	0.0	12,334.0	0.0	34,950.0

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Pipeline and Hazardous Materials Safety Administration	6,687.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6,687.0
Research and Innovative Technology Administration	4,590.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,590.0
Department of the Treasury	77,005.8	0.0	0.0	0.0	4,615.1	0.0	0.0	70,537.0	1,853.7
Bureau of Engraving and Printing	4,615.1	0.0	0.0	0.0	4,615.1	0.0	0.0	0.0	0.0
Internal Revenue Service	70,537.0	0.0	0.0	0.0	0.0	0.0	0.0	70,537.0	0.0
U.S. Mint	1,853.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,853.7
Department of Veterans Affairs	532,000.0	0.0	446,128.0	0.0	0.0	61,136.0	0.0	0.0	24,736.0
Other agencies									
Agency for International Development	80,084.5	190.0	70,831.1	0.0	0.0	0.0	7,952.0	1,111.5	0.0
Appalachian Regional Commission	730.0	0.0	0.0	0.0	0.0	0.0	330.0	400.0	0.0
Environmental Protection Agency	491,432.0	179,489.6	223,986.8	11,665.1	13,303.2	0.0	2,330.2	0.0	60,657.0
Federal Communications Commission	3,740.9	0.0	0.0	135.0	600.0	0.0	1,456.9	0.0	1,549.0
Federal Trade Commission	1,890.7	0.0	0.0	0.0	0.0	0.0	1,890.7	0.0	0.0
Library of Congress	684.3	0.0	0.0	0.0	0.0	684.3	0.0	0.0	0.0
National Aeronautics and Space Administration	1,574,619.4	353,903.7	92,140.7	28,206.9	407,135.1	6,264.6	263.6	73,972.6	612,732.2
National Archives and Records Administration	3,052.5	50.0	0.0	2,932.5	70.0	0.0	0.0	0.0	0.0
National Science Foundation	4,924,350.0	786,004.7	693,327.0	908,845.9	948,429.3	29,907.4	179,353.2	542,651.7	835,830.6
Nuclear Regulatory Commission	83,784.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	83,784.0
Smithsonian Institution	169,000.0	7,391.0	72,831.0	0.0	62,348.0	0.0	24,831.0	1,599.0	0.0
Social Security Administration	72,111.0	0.0	0.0	0.0	0.0	0.0	72,111.0	0.0	0.0

nec = not elsewhere classified.

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.