

TABLE 50. Preliminary federal obligations for applied research, by agency and field of science and engineering: FY 2013

(Dollars in thousands)

Agency	Total	Computer sciences and mathematics	Engineering	Environmental sciences	Life sciences	Physical sciences	Psychology	Social sciences	Other sciences nec
All agencies	29,903,452.0	1,785,618.0	7,320,058.6	1,228,159.1	14,003,304.7	1,939,575.8	932,514.7	876,727.4	1,817,493.7
Departments									
Department of Agriculture	1,128,859.0	5,746.3	24,857.0	18,443.8	881,541.5	44,836.3	0.0	153,434.1	0.0
Agricultural Marketing Service	2,643.3	0.0	0.0	0.0	2,643.3	0.0	0.0	0.0	0.0
Agricultural Research Service	441,026.0	573.3	3,969.2	1,940.5	405,170.6	29,372.3	0.0	0.0	0.0
Economic Research Service	70,397.0	0.0	0.0	0.0	0.0	0.0	0.0	70,397.0	0.0
Foreign Agricultural Service	441.9	0.0	0.0	0.0	441.9	0.0	0.0	0.0	0.0
Forest Service	181,211.8	1,073.0	4,425.7	3,020.3	125,263.7	3,194.0	0.0	44,235.1	0.0
National Agricultural Statistics Service	4,100.0	4,100.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Institute of Food and Agriculture	425,789.0	0.0	16,462.0	13,483.0	344,772.0	12,270.0	0.0	38,802.0	0.0
Rural Business-Cooperative Service	3,250.0	0.0	0.0	0.0	3,250.0	0.0	0.0	0.0	0.0
Department of Commerce	1,238,503.5	230,465.7	315,542.4	354,244.6	46,960.9	132,853.3	679.6	136,973.2	20,783.9
National Institute of Standards and Technology	650,866.6	220,576.4	302,402.2	113.4	3,512.8	116,767.3	0.0	196.4	7,298.1
National Oceanic and Atmospheric Administration	451,523.0	3,712.0	6,458.0	354,131.1	43,448.2	16,086.0	0.0	14,202.0	13,485.7
National Telecommunications and Information Administration	6,682.2	0.0	6,682.2	0.0	0.0	0.0	0.0	0.0	0.0
U.S. Census Bureau	129,431.6	6,177.3	0.0	0.0	0.0	0.0	679.6	122,574.8	0.0
Department of Defense	4,676,977.0	625,481.8	2,649,582.7	156,683.2	472,269.2	502,232.7	54,395.5	35,106.3	181,225.6
Defense Advanced Research Projects Agency	1,179,066.0	339,399.6	576,922.6	4,957.4	162,675.0	49,491.6	0.0	0.0	45,619.9
Department of the Air Force	1,334,347.7	109,605.1	867,160.8	7,494.4	2,927.1	230,133.0	34,996.3	0.0	82,031.1
Department of the Army	867,639.6	71,367.2	559,687.9	21,943.9	106,471.4	85,840.7	18,649.2	0.0	3,679.4
Department of the Navy	790,966.2	46,359.0	510,558.3	120,042.2	72,208.0	1,462.7	0.0	32,122.3	8,213.6
Other defense agencies <sup>a</sup>	504,957.6	58,751.0	135,253.0	2,245.4	127,987.7	135,304.7	750.0	2,984.0	41,681.7
Department of Education	223,395.4	0.0	7,051.0	0.0	13,256.0	0.0	12,240.6	150,125.4	40,722.4
Department of Energy	3,914,772.9	615,873.6	2,123,472.9	29,535.9	17,270.9	810,409.8	0.0	0.0	318,209.8
Advanced Research Projects Agency—Energy	141,620.0	3,494.3	99,964.0	0.0	17,114.9	8,755.0	0.0	0.0	12,291.8
Bonneville Power Administration	4,852.0	0.0	4,852.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity Delivery and Energy Reliability	49,619.7	0.0	49,619.7	0.0	0.0	0.0	0.0	0.0	0.0
Energy Efficiency and Renewable Energy	739,014.0	0.0	739,014.0	0.0	0.0	0.0	0.0	0.0	0.0
Environmental Management	6,600.0	0.0	0.0	6,600.0	0.0	0.0	0.0	0.0	0.0
Fossil Energy	121,457.8	0.0	89,511.2	12,074.6	0.0	19,872.0	0.0	0.0	0.0
National Nuclear Security Administration	2,545,691.4	612,379.4	1,140,512.0	10,861.2	156.0	781,782.7	0.0	0.0	0.0
Defense Programs	2,317,513.0	600,000.0	1,048,513.0	0.0	0.0	669,000.0	0.0	0.0	0.0
Nonproliferation and Verification	228,178.4	12,379.4	91,999.0	10,861.2	156.0	112,782.7	0.0	0.0	0.0
Nuclear Energy	305,918.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	305,918.0
Department of Health and Human Services	14,766,783.9	111,862.2	757,292.4	185,439.5	11,715,677.1	106,425.8	775,107.2	146,247.8	968,732.0
Administration for Children and Families	10,010.5	0.0	0.0	0.0	0.0	0.0	0.0	10,010.5	0.0
Agency for Healthcare Research and Quality	307,608.4	38,980.6	451.9	0.0	135,816.3	0.0	1,428.7	45,083.5	85,847.4

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Agency	Total	Computer sciences and mathematics	Engineering	Environmental sciences	Life sciences	Physical sciences	Psychology	Social sciences	Other sciences nec
Agency for Toxic Substances and Disease Registry	4,831.4	0.0	0.0	4,831.4	0.0	0.0	0.0	0.0	0.0
Ctrs. for Disease Control and Prevention	193,404.8	0.0	0.0	1,810.9	184,484.8	813.9	0.0	0.0	6,295.2
Ctrs. for Medicare and Medicaid Services	24,567.0	0.0	0.0	0.0	24,567.0	0.0	0.0	0.0	0.0
Food and Drug Administration	258,662.3	0.0	0.0	0.0	258,662.3	0.0	0.0	0.0	0.0
Health Resources and Services Administration	24,145.4	0.0	0.0	0.0	19,525.4	0.0	0.0	4,620.0	0.0
National Institutes of Health	13,925,054.0	72,881.5	756,840.6	178,797.2	11,092,621.2	105,611.9	773,678.5	68,033.8	876,589.3
Office of the Secretary	18,500.0	0.0	0.0	0.0	0.0	0.0	0.0	18,500.0	0.0
Office of the Assistant Secretary, Planning and Evaluation	18,500.0	0.0	0.0	0.0	0.0	0.0	0.0	18,500.0	0.0
Department of Homeland Security	166,570.3	35,811.6	32,982.9	1,519.0	28,129.5	32,877.1	5,497.4	16,727.7	13,025.0
Science and Technology Directorate	159,727.3	35,071.6	28,732.9	0.0	28,129.5	32,877.1	5,497.4	16,393.7	13,025.0
U.S. Coast Guard	6,843.0	740.0	4,250.0	1,519.0	0.0	0.0	0.0	334.0	0.0
Department of Housing and Urban Development	57,050.7	0.0	0.0	0.0	0.0	0.0	0.0	54,240.6	2,810.1
Department of the Interior	609,742.0	528.3	17,636.8	151,766.7	214,336.9	202,183.2	0.0	22,689.8	600.2
Bureau of Ocean Energy Management <sup>b</sup>	38,966.2	528.3	0.0	14,448.9	20,362.6	0.0	0.0	3,626.3	0.0
Bureau of Reclamation	7,490.0	0.0	6,290.0	599.8	0.0	0.0	0.0	0.0	600.2
Bureau of Safety and Environmental Enforcement <sup>b</sup>	13,073.8	0.0	11,346.8	1,727.0	0.0	0.0	0.0	0.0	0.0
U.S. Geological Survey	550,212.0	0.0	0.0	134,991.0	193,974.3	202,183.2	0.0	19,063.5	0.0
Department of Justice	9,842.8	0.0	0.0	0.0	0.0	0.0	0.0	3,374.0	6,468.8
Bureau of Prisons	3,374.0	0.0	0.0	0.0	0.0	0.0	0.0	3,374.0	0.0
Federal Bureau of Investigation	6,468.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6,468.8
Department of Labor	13,260.5	0.0	0.0	0.0	0.0	0.0	0.0	9,115.5	4,145.0
Employee Benefits Security Administration	8,950.5	0.0	0.0	0.0	0.0	0.0	0.0	8,950.5	0.0
Occupational Safety and Health Administration	4,145.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,145.0
Pension Benefit Guaranty Corp.	165.0	0.0	0.0	0.0	0.0	0.0	0.0	165.0	0.0
Department of State	2,020.0	0.0	0.0	0.0	0.0	0.0	0.0	2,020.0	0.0
Department of Transportation	721,531.1	53,886.0	490,319.9	33,718.8	32,249.7	0.0	32,638.7	34,230.4	44,487.7
Federal Aviation Administration	223,050.0	17,599.7	130,691.7	26,142.3	10,377.8	0.0	32,638.7	0.0	5,599.8
Federal Highway Administration	333,092.2	4,733.7	299,423.8	7,576.5	94.0	0.0	0.0	19,925.4	1,338.8
Federal Motor Carrier Safety Administration	6,494.5	0.0	0.0	0.0	76.5	0.0	0.0	0.0	6,418.0
Federal Railroad Administration	10,570.4	0.0	10,570.4	0.0	0.0	0.0	0.0	0.0	0.0
Federal Transit Administration	30,741.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	30,741.0
National Highway Traffic Safety Administration	111,000.0	30,762.6	44,231.0	0.0	21,701.4	0.0	0.0	14,305.0	0.0
Pipeline and Hazardous Materials Safety Administration	2,595.0	790.0	1,415.0	0.0	0.0	0.0	0.0	0.0	390.0
Research and Innovative Technology Administration	3,988.0	0.0	3,988.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of the Treasury	77,751.0	0.0	0.0	0.0	0.0	8,812.4	0.0	0.0	68,938.7
Bureau of Engraving and Printing	8,842.4	0.0	0.0	0.0	0.0	8,812.4	0.0	0.0	30.0
Internal Revenue Service	68,908.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	68,908.7
Department of Veterans Affairs	314,141.1	0.0	18,204.8	0.0	250,039.8	0.0	45,896.6	0.0	0.0

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Agency	Total	Computer sciences and mathematics	Engineering	Environmental sciences	Life sciences	Physical sciences	Psychology	Social sciences	Other sciences nec
Other agencies									
Agency for International Development	124,010.8	0.0	0.0	0.0	107,108.3	0.0	0.0	16,902.5	0.0
Appalachian Regional Commission	390.0	0.0	0.0	0.0	0.0	0.0	0.0	390.0	0.0
Environmental Protection Agency	401,329.8	8,548.8	56,916.6	165,416.3	158,547.1	9,582.8	0.0	2,318.3	0.0
Federal Communications Commission	4,760.3	1,350.0	844.0	0.0	0.0	1,030.0	0.0	1,536.3	0.0
Federal Trade Commission	1,942.0	0.0	0.0	0.0	1,942.0	0.0	0.0	0.0	0.0
Library of Congress	621.5	0.0	0.0	0.0	0.0	621.5	0.0	0.0	0.0
National Aeronautics and Space Administration	834,360.0	22,906.4	527,986.1	128,509.4	62,919.6	81,216.0	5,528.4	0.0	5,294.1
National Archives and Records Administration	1,988.5	1,988.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Science Foundation	458,040.0	71,168.7	216,520.2	2,882.0	1,056.3	6,495.0	530.8	17,336.6	142,050.5
Nuclear Regulatory Commission	80,848.9	0.0	80,848.9	0.0	0.0	0.0	0.0	0.0	0.0
Social Security Administration	73,959.0	0.0	0.0	0.0	0.0	0.0	0.0	73,959.0	0.0

nec = not elsewhere classified.

<sup>a</sup> As of the FYs 2011–13 survey, Other defense agencies displays aggregated data of Department of Defense subagencies engaged in classified R&D projects.

<sup>b</sup> The Bureau of Ocean Energy Management, Regulation and Enforcement was split into the Bureau of Ocean Energy Management and the Bureau of Safety and Environmental Enforcement in FY 2012.

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 the table. See appendix C for additional notes associated with the 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 2011–13.