

TABLE 52. Federal obligations for applied research in engineering, by agency and detailed field: FY 2013

(Dollars in thousands)

Agency	Total	Aeronautical engineering	Astronautical engineering	Chemical engineering	Civil engineering	Electrical engineering	Mechanical engineering	Metallurgy and materials engineering	Other engineering
All agencies	7,540,685.9	1,433,155.1	652,254.9	334,848.8	418,738.9	903,884.2	401,740.7	528,222.4	2,867,840.9
Departments									
Department of Agriculture	48,502.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	48,502.8
Agricultural Research Service	24,547.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24,547.2
Forest Service	7,693.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7,693.2
National Institute of Food and Agriculture	16,262.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16,262.4
Department of Commerce	156,713.3	0.0	0.0	250.7	37,938.0	50,249.8	2,046.1	36,055.8	30,172.8
National Institute of Standards and Technology	144,246.0	0.0	0.0	250.7	34,930.0	40,790.6	2,046.1	36,055.8	30,172.8
National Oceanic and Atmospheric Administration	5,127.0	0.0	0.0	0.0	3,008.0	2,119.0	0.0	0.0	0.0
National Telecommunications and Information Administration	7,340.3	0.0	0.0	0.0	0.0	7,340.3	0.0	0.0	0.0
Department of Defense	2,240,149.0	390,622.9	111,598.8	81,841.0	50,466.1	651,642.2	150,953.4	201,374.7	601,649.8
Defense Advanced Research Projects Agency	385,340.4	36,794.2	4,883.3	0.0	0.0	35,491.9	0.0	31,391.1	276,779.8
Department of the Air Force	716,252.2	272,072.6	84,154.4	1,177.1	7,074.5	133,586.1	46,697.0	112,673.3	58,817.1
Department of the Army	529,781.3	47,749.9	0.0	17,186.9	37,343.0	194,180.0	77,553.1	37,055.1	118,713.2
Department of the Navy	477,721.1	34,006.1	22,561.0	50,998.7	6,048.6	228,356.9	25,205.2	20,255.2	90,289.2
Other defense agencies	131,054.1	0.0	0.0	12,478.3	0.0	60,027.3	1,498.1	0.0	57,050.4
Department of Education	6,815.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6,815.9
Department of Energy	1,894,252.2	0.0	0.0	217,982.5	16,564.3	158,923.9	193,631.3	232,544.4	1,074,605.7
Advanced Research Projects Agency—Energy	59,504.4	0.0	0.0	8,535.3	207.3	11,665.0	6,818.9	30,408.0	1,870.0
Bonneville Power Administration	3,150.0	0.0	0.0	0.0	0.0	3,000.0	150.0	0.0	0.0
Electricity Delivery and Energy Reliability	49,827.9	0.0	0.0	0.0	0.0	49,827.9	0.0	0.0	0.0
Energy Efficiency and Renewable Energy	529,774.0	0.0	0.0	91,299.0	15,453.0	87,505.0	178,338.0	24,736.0	132,443.0
Fossil Energy	112,463.8	0.0	0.0	111,559.7	904.1	0.0	0.0	0.0	0.0
National Nuclear Security Administration	853,652.5	0.0	0.0	317.5	0.0	1,261.0	0.0	162,668.8	689,405.2
Defense Programs	849,433.5	0.0	0.0	0.0	0.0	0.0	0.0	161,519.3	687,914.2
Nonproliferation and Verification	4,219.0	0.0	0.0	317.5	0.0	1,261.0	0.0	1,149.5	1,491.0
Nuclear Energy	236,055.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	236,055.8
Office of Science	49,823.8	0.0	0.0	6,271.0	0.0	5,665.1	8,324.4	14,731.7	14,831.7
Department of Health and Human Services	620,768.5	0.0	0.0	0.0	0.0	0.0	134.1	14,461.9	606,172.5
Agency for Healthcare Research and Quality	634.1	0.0	0.0	0.0	0.0	0.0	134.1	0.0	500.0
National Institutes of Health	620,134.4	0.0	0.0	0.0	0.0	0.0	0.0	14,461.9	605,672.5
Department of Homeland Security	34,873.3	550.0	0.0	0.0	875.2	3,159.6	380.0	105.0	29,803.6
Science and Technology Directorate	32,498.3	0.0	0.0	0.0	450.2	2,244.6	0.0	0.0	29,803.6
U.S. Coast Guard	2,375.0	550.0	0.0	0.0	425.0	915.0	380.0	105.0	0.0
Department of Housing and Urban Development	1,264.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,264.4
Department of the Interior	18,614.4	0.0	0.0	3,057.5	2,638.0	603.0	2,154.6	849.8	9,311.6
Bureau of Reclamation	6,256.0	0.0	0.0	1,734.0	2,638.0	603.0	829.0	452.0	0.0
Bureau of Safety and Environmental Enforcement	12,358.4	0.0	0.0	1,323.5	0.0	0.0	1,325.6	397.8	9,311.6

TABLE 52. Federal obligations for applied research in engineering, by agency and detailed field: FY 2013

(Dollars in thousands)

Agency	Total	Aeronautical engineering	Astronautical engineering	Chemical engineering	Civil engineering	Electrical engineering	Mechanical engineering	Metallurgy and materials engineering	Other engineering
Department of Justice	5,691.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5,691.9
Office of Justice Programs	5,691.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5,691.9
Department of Transportation	454,503.5	0.0	0.0	686.8	302,609.2	5,133.3	22,471.4	23,205.7	100,397.1
Federal Aviation Administration	115,887.8	0.0	0.0	0.0	79,484.3	0.0	0.0	23,205.7	13,197.8
Federal Highway Administration	285,647.6	0.0	0.0	0.0	205,750.2	0.0	0.0	0.0	79,897.4
Federal Railroad Administration	37,513.2	0.0	0.0	0.0	17,374.7	5,133.3	11,056.4	0.0	3,948.7
National Highway Traffic Safety Administration	11,415.0	0.0	0.0	0.0	0.0	0.0	11,415.0	0.0	0.0
Pipeline and Hazardous Materials Safety Administration	686.8	0.0	0.0	686.8	0.0	0.0	0.0	0.0	0.0
Research and Innovative Technology Administration	3,353.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3,353.1
Department of the Treasury	162.0	0.0	0.0	0.0	0.0	0.0	0.0	162.0	0.0
U.S. Mint	162.0	0.0	0.0	0.0	0.0	0.0	0.0	162.0	0.0
Department of Veterans Affairs	19,000.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	19,000.0
Other agencies									
Environmental Protection Agency	63,277.2	0.0	0.0	23,007.5	2,656.0	0.0	755.6	572.4	36,285.8
Federal Communications Commission	690.0	0.0	0.0	0.0	0.0	690.0	0.0	0.0	0.0
National Aeronautics and Space Administration	1,644,139.0	1,041,982.1	540,656.1	449.8	28.5	14,405.7	9,631.0	3,357.6	33,628.3
National Science Foundation	255,355.7	0.0	0.0	7,573.1	4,963.6	19,076.7	19,583.2	15,533.0	188,626.0
Nuclear Regulatory Commission	75,912.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	75,912.8

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 2013–15.