

TABLE 38. Federal obligations for basic research in engineering, by agency and detailed field: FY 2011

(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	3,167,986.1	153,190.4	32,896.3	182,705.0	149,200.0	281,045.7	82,258.2	1,077,226.8	1,209,463.7
Departments									
Department of Agriculture	18,418.7	0.0	0.0	2,729.2	793.1	453.2	566.5	0.0	13,876.7
Agricultural Research Service	5,098.5	0.0	0.0	2,549.3	793.1	453.2	566.5	0.0	736.5
Forest Service	2,884.2	0.0	0.0	180.0	0.0	0.0	0.0	0.0	2,704.3
National Institute of Food and Agriculture	10,436.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10,436.0
Department of Commerce	15,432.3	0.0	0.0	0.0	0.0	11,274.7	0.0	528.7	3,629.0
National Institute of Standards and Technology	15,432.3	0.0	0.0	0.0	0.0	11,274.7	0.0	528.7	3,629.0
Department of Defense	649,562.7	52,769.7	8,866.9	56,500.3	7,412.8	177,552.6	70,553.4	107,143.0	168,764.1
Defense Advanced Research Projects Agency	132,930.6	0.0	176.8	0.0	0.0	32,625.5	0.0	14,022.0	86,106.3
Department of the Air Force	137,641.2	25,540.6	8,690.1	0.0	0.0	31,867.4	10,571.5	16,367.9	44,603.8
Department of the Army	125,555.1	17,410.1	0.0	4,873.6	4,674.0	41,726.0	26,502.2	28,840.3	1,528.8
Department of the Navy	194,996.9	3,134.9	0.0	24,101.6	318.9	60,535.7	28,350.9	44,459.4	34,095.6
Other defense agencies ^a	58,438.9	6,684.2	0.0	27,525.1	2,419.9	10,798.0	5,128.8	3,453.4	2,429.5
Department of Energy	818,198.8	0.0	0.0	52.5	891.3	8,474.5	891.3	806,946.1	943.1
Bonneville Power Administration	3,961.5	0.0	0.0	0.0	891.3	1,980.8	891.3	0.0	198.1
Electricity Delivery and Energy Reliability	6,446.4	0.0	0.0	0.0	0.0	6,446.4	0.0	0.0	0.0
National Nuclear Security Administration	5,626.0	0.0	0.0	52.5	0.0	47.3	0.0	4,781.3	745.0
Nonproliferation and Verification	5,626.0	0.0	0.0	52.5	0.0	47.3	0.0	4,781.3	745.0
Office of Science	802,164.8	0.0	0.0	0.0	0.0	0.0	0.0	802,164.8	0.0
Department of Health and Human Services	869,556.5	0.0	0.0	0.0	0.0	0.0	0.0	21,899.0	847,657.5
National Institutes of Health	869,556.5	0.0	0.0	0.0	0.0	0.0	0.0	21,899.0	847,657.5
Department of Homeland Security	10,259.7	0.0	0.0	0.0	2,467.2	3,059.8	0.0	228.7	4,504.1
Science and Technology Directorate	10,259.7	0.0	0.0	0.0	2,467.2	3,059.8	0.0	228.7	4,504.1
Department of Veterans Affairs	7,516.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7,516.7
Other agencies									
Environmental Protection Agency	3,354.4	0.0	0.0	1,648.8	0.0	0.0	0.0	0.0	1,705.6
National Aeronautics and Space Administration	158,517.4	100,420.7	24,029.4	1,105.3	98.4	4,855.0	3,391.3	5,611.3	19,006.0
National Science Foundation	617,168.8	0.0	0.0	120,669.0	137,537.2	75,376.0	6,855.6	134,870.2	141,860.9

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

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.