

TABLE 38. Federal obligations for basic research in engineering, by agency and detailed field: FY 2012  
(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	3,458,923.4	401,939.1	79,410.0	94,431.8	35,277.1	298,679.0	156,427.2	1,186,067.8	1,206,691.3
Departments									
Department of Agriculture	29,131.4	0.0	0.0	43.0	0.0	0.0	0.0	0.0	29,088.4
Agricultural Research Service	16,891.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	16,891.8
Forest Service	2,593.3	0.0	0.0	43.0	0.0	0.0	0.0	0.0	2,550.3
National Institute of Food and Agriculture	9,646.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9,646.3
Department of Commerce	17,850.1	0.0	0.0	995.6	0.0	13,093.5	0.0	549.9	3,211.0
National Institute of Standards and Technology	17,850.1	0.0	0.0	995.6	0.0	13,093.5	0.0	549.9	3,211.0
Department of Defense	658,999.0	89,537.1	6,276.5	44,467.2	9,183.6	170,653.1	65,663.7	133,774.1	139,443.7
Defense Advanced Research Projects Agency	132,309.7	0.0	320.8	0.0	0.0	24,844.0	0.0	16,268.0	90,876.8
Department of the Air Force	147,353.1	56,442.8	5,955.6	0.0	0.0	30,081.7	17,746.8	28,310.4	8,815.8
Department of the Army	119,544.1	18,707.9	0.0	4,156.5	5,021.0	41,327.1	18,882.7	30,052.3	1,396.5
Department of the Navy	217,990.4	9,923.8	0.0	37,684.9	498.6	65,547.9	23,943.2	50,070.2	30,321.8
Other defense agencies	41,801.8	4,462.6	0.0	2,625.8	3,664.1	8,852.4	5,090.9	9,073.2	8,032.8
Department of Energy	851,798.0	0.0	50.0	0.0	460.0	12,692.4	690.1	836,644.6	1,260.9
Bonneville Power Administration	4,600.9	0.0	0.0	0.0	460.0	2,300.5	690.1	0.0	1,150.3
Electricity Delivery and Energy Reliability	6,326.6	0.0	0.0	0.0	0.0	6,326.6	0.0	0.0	0.0
National Nuclear Security Administration	2,480.6	0.0	50.0	0.0	0.0	62.5	0.0	2,257.5	110.6
Nonproliferation and Verification	2,480.6	0.0	50.0	0.0	0.0	62.5	0.0	2,257.5	110.6
Office of Science	838,389.8	0.0	0.0	0.0	0.0	4,002.7	0.0	834,387.1	0.0
Department of Health and Human Services	753,266.6	0.0	0.0	0.0	0.0	0.0	0.0	19,335.2	733,931.3
National Institutes of Health	753,266.6	0.0	0.0	0.0	0.0	0.0	0.0	19,335.2	733,931.3
Department of Homeland Security	13,642.4	0.0	0.0	0.0	0.0	3,518.2	0.0	0.0	10,124.2
Science and Technology Directorate	13,642.4	0.0	0.0	0.0	0.0	3,518.2	0.0	0.0	10,124.2
Department of Veterans Affairs	7,540.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7,540.3
Other agencies									
Environmental Protection Agency	3,313.3	0.0	0.0	1,628.6	0.0	0.0	0.0	0.0	1,684.7
National Aeronautics and Space Administration	482,118.3	305,421.7	73,083.6	3,361.7	299.1	14,766.2	10,314.5	17,066.4	57,805.2
National Science Foundation	641,264.1	6,980.3	0.0	43,935.7	25,334.3	83,955.6	79,759.0	178,697.6	222,601.6

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 2012–14.