

TABLE 81. Federal obligations for basic research performed at universities and colleges in engineering, by selected 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 surveyed	1,511,438.0	127,513.3	18,356.2	67,118.0	28,617.7	180,352.2	123,489.5	293,539.7	672,451.5
Departments									
Department of Agriculture	10,231.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10,231.4
Agricultural Research Service	1,034.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,034.1
Forest Service	463.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	463.2
National Institute of Food and Agriculture	8,734.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8,734.1
Department of Defense	382,601.6	52,759.3	2,088.8	22,790.6	3,465.8	92,302.5	43,664.3	71,791.2	93,739.0
Defense Advanced Research Projects Agency	77,117.3	0.0	0.0	0.0	0.0	4,225.6	0.0	11,092.3	61,799.3
Department of the Air Force	89,366.2	30,116.4	2,088.8	0.0	0.0	28,953.7	14,739.4	12,104.9	1,363.0
Department of the Army	63,877.3	9,510.5	0.0	677.0	408.0	23,825.5	7,620.3	21,536.8	299.2
Department of the Navy	117,520.2	9,669.8	0.0	20,487.8	393.8	27,445.2	17,213.7	18,984.1	23,325.8
Other defense agencies	34,720.6	3,462.6	0.0	1,625.8	2,664.1	7,852.4	4,090.9	8,073.2	6,951.7
Department of Energy	27,592.8	0.0	50.0	0.0	0.0	673.8	0.0	26,869.0	0.0
Bonneville Power Administration	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0
Electricity Delivery and Energy Reliability	573.8	0.0	0.0	0.0	0.0	573.8	0.0	0.0	0.0
National Nuclear Security Administration	50.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0
Nonproliferation and Verification	50.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0
Office of Science	26,869.0	0.0	0.0	0.0	0.0	0.0	0.0	26,869.0	0.0
Department of Health and Human Services	373,683.2	0.0	0.0	0.0	0.0	0.0	0.0	13,307.9	360,375.3
National Institutes of Health	373,683.2	0.0	0.0	0.0	0.0	0.0	0.0	13,307.9	360,375.3
Department of Homeland Security	11,585.1	0.0	0.0	0.0	0.0	3,508.2	0.0	0.0	8,077.0
Science and Technology Directorate	11,585.1	0.0	0.0	0.0	0.0	3,508.2	0.0	0.0	8,077.0
Other agencies									
National Aeronautics and Space Administration	106,983.1	67,773.7	16,217.4	746.0	66.4	3,276.6	2,288.8	3,787.1	12,827.1
National Science Foundation	598,760.9	6,980.3	0.0	43,581.4	25,085.5	80,591.1	77,536.4	177,784.5	187,201.8

NOTES: Because of rounding, detail may not add to total. Seven agencies are required to report data for this section of the survey: the Departments of Agriculture, Defense, Energy, Health and Human Services, and Homeland Security; the National Aeronautics and Space Administration; and the National Science Foundation. Basic research obligations of these seven agencies represented over 99% of total federal basic research obligations to universities and colleges in FY 2012. 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.