

TABLE 81. Federal obligations for basic research performed at universities and colleges in engineering, by selected 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 surveyed	1,408,711.8	119,644.4	19,585.7	70,808.4	22,249.9	146,205.1	113,332.4	274,406.0	642,479.9
Departments									
Department of Agriculture	10,586.2	0.0	0.0	2.0	0.0	0.0	0.0	0.0	10,584.2
Agricultural Research Service	945.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	945.9
Forest Service	219.5	0.0	0.0	2.0	0.0	0.0	0.0	0.0	217.5
National Institute of Food and Agriculture	9,420.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9,420.8
Department of Defense	321,113.5	53,880.7	3,749.3	38,177.1	2,073.7	64,528.2	31,627.4	58,436.2	68,640.9
Defense Advanced Research Projects Agency	58,929.9	0.0	0.0	0.0	0.0	3,271.0	0.0	8,768.2	46,890.7
Department of the Air Force	78,195.1	29,863.4	3,146.4	509.9	0.0	16,087.0	15,678.1	9,193.3	3,717.0
Department of the Army	56,911.6	8,391.3	0.0	665.9	337.0	21,387.0	6,183.9	19,240.1	706.4
Department of the Navy	108,581.7	12,944.8	0.0	35,441.6	297.9	17,615.2	7,229.1	19,649.2	15,403.9
Other defense agencies	18,495.2	2,681.2	602.9	1,559.8	1,438.8	6,168.0	2,536.3	1,585.3	1,922.8
Department of Energy	33,354.0	0.0	100.0	0.0	0.0	818.7	0.0	32,435.3	0.0
Bonneville Power Administration	630.0	0.0	0.0	0.0	0.0	630.0	0.0	0.0	0.0
Electricity Delivery and Energy Reliability	188.7	0.0	0.0	0.0	0.0	188.7	0.0	0.0	0.0
National Nuclear Security Administration	100.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
Nonproliferation and Verification	100.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
Office of Science	32,435.3	0.0	0.0	0.0	0.0	0.0	0.0	32,435.3	0.0
Department of Health and Human Services	364,360.7	0.0	0.0	0.0	0.0	0.0	0.0	11,148.7	353,212.0
National Institutes of Health	364,360.7	0.0	0.0	0.0	0.0	0.0	0.0	11,148.7	353,212.0
Other agencies									
National Aeronautics and Space Administration	103,810.1	65,763.7	15,736.4	723.8	64.4	3,179.5	2,220.9	3,674.8	12,446.7
National Science Foundation	575,487.2	0.0	0.0	31,905.4	20,111.8	77,678.7	79,484.2	168,711.0	197,596.1

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 2013. 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.