

TABLE 71. Federal obligations for basic research performed at universities and colleges in engineering, by selected agency and detailed field: FY 2010
(Dollars in thousands)

Agency	Total	Aeronautical engineering	Astronautical engineering	Chemical engineering	Civil engineering	Electrical engineering	Mechanical engineering	Metallurgy and materials engineering	Engineering, nec
All agencies surveyed	1,664,190.0	73,357.0	15,620.3	125,989.1	140,115.4	188,911.9	48,955.6	280,592.0	790,648.9
Departments									
Department of Agriculture	7,151.7	0.0	0.0	239.1	65.2	37.3	46.6	0.0	6,763.5
Agricultural Research Service	419.2	0.0	0.0	209.6	65.2	37.3	46.6	0.0	60.6
Forest Service	91.4	0.0	0.0	29.5	0.0	0.0	0.0	0.0	62.0
National Institute of Food and Agriculture	6,641.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6,641.0
Department of Defense	416,092.8	38,430.9	7,227.9	10,927.7	5,957.8	113,361.2	38,397.4	80,380.1	121,409.8
Defense agencies and activities	130,089.7	4,144.8	0.0	628.5	3,059.4	30,428.7	6,161.3	9,655.1	76,011.9
Chemical and Biological Defense	8.0	0.0	0.0	0.0	0.0	8.0	0.0	0.0	0.0
Defense Advanced Research Projects Agency	92,003.6	0.0	0.0	0.0	0.0	15,395.5	0.0	8,209.8	68,398.3
Office of the Secretary of Defense	38,078.1	4,144.8	0.0	628.5	3,059.4	15,025.2	6,161.3	1,445.3	7,613.6
Department of the Air Force	98,961.1	23,402.1	7,227.9	962.8	2,407.0	20,853.0	861.5	19,928.9	23,318.0
Department of the Army	90,084.6	8,649.7	0.0	2,809.4	366.0	31,356.3	15,268.5	31,322.3	312.3
Department of the Navy	96,957.4	2,234.3	0.0	6,527.0	125.4	30,723.2	16,106.0	19,473.8	21,767.6
Department of Energy	36,044.0	0.0	35.0	0.0	0.0	399.4	50.0	35,497.2	62.4
Bonneville Power Administration	162.4	0.0	0.0	0.0	0.0	50.0	50.0	0.0	62.4
Electricity Delivery and Energy Reliability	349.4	0.0	0.0	0.0	0.0	349.4	0.0	0.0	0.0
National Nuclear Security Administration	35.0	0.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0
Nonproliferation and Verification	35.0	0.0	35.0	0.0	0.0	0.0	0.0	0.0	0.0
Office of Science	35,497.2	0.0	0.0	0.0	0.0	0.0	0.0	35,497.2	0.0
Department of Health and Human Services	557,304.7	0.0	0.0	0.0	0.0	0.0	0.0	22,110.0	535,194.7
National Institutes of Health	557,304.7	0.0	0.0	0.0	0.0	0.0	0.0	22,110.0	535,194.7
Department of Homeland Security	13,133.2	0.0	0.0	0.0	16.6	3,372.7	3,372.7	642.4	5,728.9
Science and Technology Directorate	13,133.2	0.0	0.0	0.0	16.6	3,372.7	3,372.7	642.4	5,728.9
Other agencies									
National Aeronautics and Space Administration	55,132.0	34,926.1	8,357.4	384.4	34.2	1,688.6	1,179.5	1,951.6	6,610.2
National Science Foundation	579,331.6	0.0	0.0	114,437.8	134,041.5	70,052.8	5,909.4	140,010.7	114,879.4

nec = not elsewhere classified.

NOTES: Because of rounding, detail may not add to total. Seven agencies are required to report data for this section of survey: Departments of Agriculture, Defense, Energy, Health and Human Services, and Homeland Security; National Aeronautics and Space Administration; and 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 2010. Only those agencies and subdivisions that had obligations in variables represented by this table appear in table. See appendix C for additional notes associated with 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 2010–12.