

TABLE 70. Federal obligations for 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	2,450,466.4	197,890.0	47,115.5	93,905.5	50,130.3	327,050.8	154,333.8	356,666.0	1,223,374.6
Departments									
Department of Agriculture	28,695.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28,695.4
Agricultural Research Service	2,648.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,648.6
Forest Service	1,092.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1,092.3
National Institute of Food and Agriculture	24,954.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24,954.6
Department of Defense	678,439.8	74,238.4	6,381.9	34,503.2	8,940.1	204,704.2	52,519.5	109,629.7	187,522.8
Defense Advanced Research Projects Agency	204,170.7	816.5	158.8	0.0	0.0	63,218.6	729.0	21,489.2	117,758.6
Department of the Air Force	144,740.8	46,514.9	6,009.4	115.3	0.0	37,761.2	15,942.8	27,858.7	10,538.4
Department of the Army	83,410.5	10,175.9	0.0	1,774.2	2,621.0	33,007.3	9,111.7	22,420.3	4,300.1
Department of the Navy	202,939.7	13,268.6	213.7	29,383.0	2,050.2	59,221.8	21,040.1	29,788.3	47,974.0
Other defense agencies	43,178.1	3,462.6	0.0	3,230.7	4,269.0	11,495.3	5,695.8	8,073.2	6,951.7
Department of Energy	114,395.9	0.0	50.0	6,871.6	8,861.3	17,254.6	1,968.3	27,827.0	51,563.1
Advanced Research Projects Agency—Energy	10,064.4	0.0	0.0	438.0	0.0	5,463.0	1,816.6	900.0	1,446.8
Bonneville Power Administration	200.0	0.0	0.0	0.0	0.0	100.0	100.0	0.0	0.0
Electricity Delivery and Energy Reliability	5,807.9	0.0	0.0	0.0	0.0	5,807.9	0.0	0.0	0.0
Energy Efficiency and Renewable Energy	44,640.8	0.0	0.0	0.0	8,861.3	5,883.7	51.7	58.0	29,786.2
Fossil Energy	6,433.5	0.0	0.0	6,433.5	0.0	0.0	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
Nuclear Energy	20,330.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	20,330.2
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	705,091.0	0.0	0.0	0.0	0.0	0.0	0.0	25,109.3	679,981.7
Agency for Healthcare Research and Quality	28.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.4
National Institutes of Health	705,062.6	0.0	0.0	0.0	0.0	0.0	0.0	25,109.3	679,953.3
Department of Homeland Security	15,495.9	0.0	0.0	0.0	892.8	3,508.2	0.0	0.0	11,095.0
Science and Technology Directorate	15,495.9	0.0	0.0	0.0	892.8	3,508.2	0.0	0.0	11,095.0
Other agencies									
National Aeronautics and Space Administration	181,384.8	114,926.2	40,683.6	766.3	67.7	3,928.5	2,724.6	3,939.0	14,348.9
National Science Foundation	726,963.5	8,725.4	0.0	51,764.4	31,368.4	97,655.3	97,121.4	190,161.0	250,167.7

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. Research obligations of these seven agencies represented over 97% of total federal 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.