

TABLE 63. Federal obligations for 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	2,941,608.8	122,639.5	39,915.9	194,775.6	183,010.2	315,741.6	83,774.9	370,534.9	1,631,216.2
Departments									
Department of Agriculture	17,097.1	0.0	0.0	456.8	117.4	67.1	83.8	0.0	16,372.0
Agricultural Research Service	754.6	0.0	0.0	377.3	117.4	67.1	83.8	0.0	109.0
Forest Service	530.4	0.0	0.0	79.5	0.0	0.0	0.0	0.0	451.0
National Institute of Food and Agriculture	15,812.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15,812.0
Department of Defense	816,253.5	55,555.2	14,837.5	23,072.7	14,533.6	205,946.6	63,478.1	145,974.6	292,855.2
Defense agencies and activities	270,254.6	7,076.2	0.0	5,333.1	7,585.2	51,896.3	10,414.1	29,745.6	158,204.0
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	210,494.1	2,931.4	0.0	178.7	0.0	28,493.2	0.0	28,300.4	150,590.4
Defense Threat Reduction Agency	3,844.1	0.0	0.0	0.0	0.0	3,844.1	0.0	0.0	0.0
Office of the Secretary of Defense	55,908.3	4,144.8	0.0	5,154.4	7,585.2	19,551.0	10,414.1	1,445.3	7,613.6
Department of the Air Force	167,973.2	32,777.4	14,164.6	1,462.1	2,407.0	30,791.5	5,590.8	51,117.5	29,662.3
Department of the Army	162,759.3	9,263.3	0.0	6,152.2	4,416.0	65,580.7	27,203.5	37,227.0	12,916.6
Department of the Navy	215,266.4	6,438.4	672.9	10,125.3	125.4	57,678.0	20,269.6	27,884.5	92,072.3
Department of Energy	258,504.0	0.0	35.0	30,089.4	0.0	17,914.2	7,575.0	40,720.1	162,170.3
Advanced Research Projects Agency-Energy	100,122.8	0.0	0.0	18,714.2	0.0	13,915.0	7,475.0	5,222.9	54,795.8
Bonneville Power Administration	324.7	0.0	0.0	0.0	0.0	100.0	100.0	0.0	124.7
Electricity Delivery and Energy Reliability	3,899.2	0.0	0.0	0.0	0.0	3,899.2	0.0	0.0	0.0
Energy Efficiency and Renewable Energy	91,555.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	91,555.9
Fossil Energy	11,375.2	0.0	0.0	11,375.2	0.0	0.0	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
Nuclear Energy	15,694.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15,694.0
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	1,033,253.4	0.0	0.0	0.0	0.0	0.0	295.4	40,944.4	992,013.6
Agency for Healthcare Research and Quality	1,207.7	0.0	0.0	0.0	0.0	0.0	295.4	0.0	912.3
National Institutes of Health	1,032,045.8	0.0	0.0	0.0	0.0	0.0	0.0	40,944.4	991,101.3
Department of Homeland Security	21,026.9	0.0	0.0	0.0	2,266.3	3,372.7	3,372.7	642.4	11,372.8
Science and Technology Directorate	21,026.9	0.0	0.0	0.0	2,266.3	3,372.7	3,372.7	642.4	11,372.8
Other agencies									
National Aeronautics and Space Administration	105,874.3	67,084.3	25,043.4	398.3	35.1	2,133.2	1,476.7	2,055.2	7,648.1
National Science Foundation	689,599.6	0.0	0.0	140,758.5	166,057.8	86,307.9	7,493.2	140,198.1	148,784.2

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. Research obligations of these seven agencies represented 98% of total federal 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.