

TABLE 74. Preliminary federal obligations for applied research performed at universities and colleges, by selected agency and field of science and engineering: FY 2011
(Dollars in thousands)

Agency	Total	Environmental sciences	Life sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Other sciences, nec	Engineering
All agencies surveyed	10,226,950.5	172,966.8	7,659,789.5	146,687.0	237,652.3	533,630.6	205,601.1	285,218.2	985,405.1
Departments									
Department of Agriculture	519,005.4	7,561.2	419,721.2	959.4	19,964.4	0.0	53,039.0	0.0	17,760.2
Agricultural Research Service	29,248.0	128.7	26,870.1	38.0	1,947.9	0.0	0.0	0.0	263.2
Economic Research Service	4,751.0	0.0	0.0	0.0	0.0	0.0	4,751.0	0.0	0.0
Foreign Agricultural Service	65.0	0.0	65.0	0.0	0.0	0.0	0.0	0.0	0.0
Forest Service	22,690.5	1,579.5	13,416.1	501.4	2,713.5	0.0	4,041.0	0.0	439.0
National Agricultural Statistics Service	420.0	0.0	0.0	420.0	0.0	0.0	0.0	0.0	0.0
National Institute of Food and Agriculture	461,531.0	5,853.0	379,370.0	0.0	15,303.0	0.0	43,947.0	0.0	17,058.0
Rural Business-Cooperative Service	300.0	0.0	0.0	0.0	0.0	0.0	300.0	0.0	0.0
Department of Defense	570,414.0	26,608.6	73,479.2	67,768.8	55,675.0	7,462.7	6,772.5	4,436.8	328,210.3
Defense agencies and activities	271,507.3	5,607.7	49,196.9	51,981.3	36,168.2	2,508.5	3,098.9	3,078.1	119,867.6
Chemical and Biological Defense	5,002.0	368.3	3,224.7	0.0	1,409.0	0.0	0.0	0.0	0.0
Defense Advanced Research Projects Agency	221,146.1	3,240.5	43,963.7	43,692.5	20,360.9	0.0	0.0	0.0	109,888.5
Defense Threat Reduction Agency	20,076.9	0.0	0.0	1,516.7	12,389.8	0.0	0.0	2,563.1	3,607.4
Office of the Secretary of Defense	25,282.2	1,998.9	2,008.5	6,772.1	2,008.5	2,508.5	3,098.9	515.0	6,371.7
Department of the Air Force	83,999.5	214.2	0.0	2,958.7	8,692.8	0.0	0.0	72.5	72,061.2
Department of the Army	58,928.5	2,345.0	12,304.7	3,104.7	10,530.8	4,954.1	0.0	0.0	25,689.1
Department of the Navy	155,978.6	18,441.7	11,977.6	9,724.0	283.3	0.0	3,673.6	1,286.1	110,592.3
Department of Energy	145,602.5	9,827.8	0.0	0.0	68,893.1	0.0	0.0	135.2	66,746.5
Advanced Research Projects Agency-Energy	2,400.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2,400.0
Bonneville Power Administration	162.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	162.4
Electricity Delivery and Energy Reliability	4,564.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4,564.6
Energy Efficiency and Renewable Energy	52,417.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	52,417.6
Environmental Management	2,755.7	2,755.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fossil Energy	20,160.0	7,072.0	0.0	0.0	5,886.1	0.0	0.0	0.0	7,202.0
National Nuclear Security Administration	63,142.2	0.0	0.0	0.0	63,007.0	0.0	0.0	135.2	0.0
Defense Programs	62,385.0	0.0	0.0	0.0	62,385.0	0.0	0.0	0.0	0.0
Nonproliferation and Verification	757.2	0.0	0.0	0.0	622.0	0.0	0.0	135.2	0.0
Department of Health and Human Services	8,706,083.9	115,038.5	7,156,841.4	41,667.2	77,064.7	524,493.2	131,780.8	244,854.2	414,343.9
Administration for Children and Families	6,182.6	0.0	0.0	0.0	0.0	0.0	6,182.6	0.0	0.0
Agency for Healthcare Research and Quality	454,273.3	0.0	342,279.8	3,444.8	546.4	359.0	37,474.5	68,633.8	1,535.1
Agency for Toxic Substances and Disease Registry	1,000.0	1,000.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Ctrs. for Disease Control and Prevention	76,890.9	11,069.5	13,399.6	0.0	0.0	0.0	28,794.2	23,627.6	0.0
Ctrs. for Medicare and Medicaid Services	1,308.0	0.0	1,308.0	0.0	0.0	0.0	0.0	0.0	0.0
Food and Drug Administration	9,932.5	0.0	9,932.5	0.0	0.0	0.0	0.0	0.0	0.0
Health Resources and Services Administration	14,749.0	0.0	14,749.0	0.0	0.0	0.0	0.0	0.0	0.0
National Institutes of Health	8,138,572.5	102,969.0	6,775,172.5	38,222.4	76,518.3	524,134.3	56,154.5	152,592.8	412,808.8
Office of the Secretary	3,175.0	0.0	0.0	0.0	0.0	0.0	3,175.0	0.0	0.0

TABLE 74. Preliminary federal obligations for applied research performed at universities and colleges, by selected agency and field of science and engineering: FY 2011
(Dollars in thousands)

Agency	Total	Environmental sciences	Life sciences	Mathematics and computer sciences	Physical sciences	Psychology	Social sciences	Other sciences, nec	Engineering
Office of the Assistant Secretary, Planning and Evaluation	3,175.0	0.0	0.0	0.0	0.0	0.0	3,175.0	0.0	0.0
Department of Homeland Security	14,072.6	0.0	3,434.5	327.2	3,029.3	91.0	10.8	0.0	7,180.0
Science and Technology Directorate	14,072.6	0.0	3,434.5	327.2	3,029.3	91.0	10.8	0.0	7,180.0
Other agencies									
National Aeronautics and Space Administration	67,287.3	10,363.7	5,074.2	1,847.3	6,549.7	445.8	0.0	426.9	42,579.7
National Science Foundation	204,484.8	3,567.0	1,239.0	34,117.2	6,476.0	1,137.8	13,998.0	35,365.1	108,584.6

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. Applied research obligations of these seven agencies represented over 95% of total federal applied research obligations to universities and colleges in FY 2011. 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.