

TABLE 88. 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	Computer sciences and mathematics	Engineering	Environmental sciences	Life sciences	Physical sciences	Psychology	Social sciences	Other social sciences nec
All agencies surveyed	9,936,787.7	218,347.9	924,576.1	164,170.6	7,399,320.7	212,622.3	524,837.8	141,131.5	351,780.7
Departments									
Department of Agriculture	438,249.3	1,478.5	16,800.7	13,070.4	351,519.4	12,622.7	0.0	42,757.6	0.0
Agricultural Research Service	30,490.5	39.6	274.4	134.2	28,011.6	2,030.7	0.0	0.0	0.0
Economic Research Service	4,738.2	0.0	0.0	0.0	0.0	0.0	0.0	4,738.2	0.0
Foreign Agricultural Service	232.3	0.0	0.0	0.0	232.3	0.0	0.0	0.0	0.0
Forest Service	22,749.2	500.7	2,406.3	3,020.3	12,737.5	0.0	0.0	4,084.4	0.0
National Agricultural Statistics Service	938.1	938.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0
National Institute of Food and Agriculture	378,901.0	0.0	14,120.0	9,916.0	310,538.0	10,592.0	0.0	33,735.0	0.0
Rural Business-Cooperative Service	200.0	0.0	0.0	0.0	0.0	0.0	0.0	200.0	0.0
Department of Defense	665,119.5	83,829.7	313,694.4	22,824.0	191,375.8	36,479.6	7,299.8	6,606.4	3,009.8
Defense Advanced Research Projects Agency	281,184.7	50,616.0	130,197.1	1,537.0	93,332.4	5,502.1	0.0	0.0	0.0
Department of the Air Force	59,400.4	4,614.1	44,189.0	94.1	21.4	10,336.7	145.1	0.0	0.0
Department of the Army	127,819.6	2,341.8	31,823.1	1,521.0	81,860.6	8,972.0	1,301.1	0.0	0.0
Department of the Navy	118,974.7	7,391.6	84,065.5	14,018.2	9,104.7	215.3	0.0	2,792.4	1,386.9
Other defense agencies <sup>a</sup>	77,740.1	18,866.2	23,419.7	5,653.7	7,056.7	11,453.3	5,853.7	3,814.0	1,622.9
Department of Energy	201,051.4	1,730.0	100,304.6	7,890.4	18,376.3	72,614.8	0.0	0.0	135.2
Advanced Research Projects Agency—Energy	63,644.4	1,730.0	40,663.2	0.0	18,376.3	2,874.9	0.0	0.0	0.0
Bonneville Power Administration	50.0	0.0	50.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity Delivery and Energy Reliability	4,186.1	0.0	4,186.1	0.0	0.0	0.0	0.0	0.0	0.0
Energy Efficiency and Renewable Energy	47,872.1	0.0	47,872.1	0.0	0.0	0.0	0.0	0.0	0.0
Environmental Management	818.4	0.0	0.0	818.4	0.0	0.0	0.0	0.0	0.0
Fossil Energy	20,160.0	0.0	7,202.0	7,072.0	0.0	5,886.1	0.0	0.0	0.0
National Nuclear Security Administration	63,989.1	0.0	0.0	0.0	0.0	63,853.9	0.0	0.0	135.2
Defense Programs	63,231.8	0.0	0.0	0.0	0.0	63,231.8	0.0	0.0	0.0
Nonproliferation and Verification	757.2	0.0	0.0	0.0	0.0	622.0	0.0	0.0	135.2
Nuclear Energy	331.3	0.0	331.3	0.0	0.0	0.0	0.0	0.0	0.0
Department of Health and Human Services	8,255,166.7	60,344.0	330,361.7	107,342.7	6,830,787.6	75,918.7	516,493.2	76,519.7	257,399.0
Administration for Children and Families	8,974.8	0.0	0.0	0.0	0.0	0.0	0.0	8,974.8	0.0
Agency for Healthcare Research and Quality	109,871.4	3,095.5	366.2	0.0	76,620.0	0.0	100.0	12,423.0	17,266.8
Agency for Toxic Substances and Disease Registry	1,627.6	0.0	0.0	1,627.6	0.0	0.0	0.0	0.0	0.0
Ctrs. for Disease Control and Prevention	91,751.9	0.0	0.0	10,848.7	68,296.1	0.0	0.0	0.0	12,607.2
Ctrs. for Medicare and Medicaid Services	908.0	0.0	0.0	0.0	908.0	0.0	0.0	0.0	0.0
Food and Drug Administration	5,413.5	0.0	0.0	0.0	5,413.5	0.0	0.0	0.0	0.0
Health Resources and Services Administration	14,996.7	0.0	0.0	0.0	10,377.7	0.0	0.0	4,619.0	0.0
National Institutes of Health	8,018,225.3	57,248.6	329,995.5	94,866.4	6,669,172.3	75,918.7	516,393.2	47,105.5	227,525.1
Office of the Secretary	3,397.4	0.0	0.0	0.0	0.0	0.0	0.0	3,397.4	0.0
Office of the Assistant Secretary, Planning and Evaluation	3,397.4	0.0	0.0	0.0	0.0	0.0	0.0	3,397.4	0.0

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(Dollars in thousands)

Agency	Total	Computer sciences and mathematics	Engineering	Environmental sciences	Life sciences	Physical sciences	Psychology	Social sciences	Other social sciences nec
Department of Homeland Security	6,178.0	94.0	1,287.5	0.0	1,139.3	2,187.5	166.8	1,303.0	0.0
Science and Technology Directorate	6,084.0	0.0	1,287.5	0.0	1,139.3	2,187.5	166.8	1,303.0	0.0
U.S. Coast Guard	94.0	94.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other agencies									
National Aeronautics and Space Administration	67,287.3	1,847.3	42,579.7	10,363.7	5,074.2	6,549.7	445.8	0.0	426.9
National Science Foundation	303,735.5	69,024.5	119,547.5	2,679.4	1,048.2	6,249.4	432.2	13,944.7	90,809.7

nec = not elsewhere classified.

<sup>a</sup> As of the FYs 2011–13 survey, Other defense agencies displays aggregated data of Department of Defense subagencies engaged in classified R&D projects.

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. Applied research obligations of these seven agencies represented over 94% 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 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 2011–13.