

TABLE 78. Preliminary federal obligations for basic research performed at universities and colleges, by selected agency and field of science and engineering: FY 2012

(Dollars in thousands)

Agency	Total	Computer sciences and mathematics	Engineering	Environmental sciences	Life sciences	Physical sciences	Psychology	Social sciences	Other sciences nec
All agencies surveyed	15,724,845.6	1,233,317.1	1,469,352.1	885,320.2	8,966,779.7	1,639,390.4	650,088.0	244,269.0	636,329.2
Departments									
Department of Agriculture	358,013.5	89.2	14,809.1	11,562.0	292,848.9	10,937.6	0.0	27,766.7	0.0
Agricultural Research Service	30,149.9	39.2	271.3	132.7	27,698.7	2,008.0	0.0	0.0	0.0
Foreign Agricultural Service	90.3	0.0	0.0	0.0	90.3	0.0	0.0	0.0	0.0
Forest Service	10,086.2	50.0	2,468.7	1,071.3	5,691.8	72.6	0.0	731.7	0.0
National Institute of Food and Agriculture	317,687.0	0.0	12,069.0	10,358.0	259,368.0	8,857.0	0.0	27,035.0	0.0
Department of Defense	1,108,430.1	198,353.7	392,744.6	81,512.0	134,545.0	250,058.2	14,631.0	21,921.2	14,664.3
Defense Advanced Research Projects Agency	260,689.4	45,884.7	149,852.5	7,597.0	40,805.3	14,208.4	2,341.5	0.0	0.0
Department of the Air Force	276,012.3	59,867.3	55,013.0	0.0	26,194.4	125,561.5	3,903.6	5,472.4	0.0
Department of the Army	179,682.8	36,417.7	63,500.3	7,376.5	19,306.5	44,176.0	3,012.0	5,893.7	0.0
Department of the Navy	303,706.6	46,768.3	107,392.7	65,466.8	42,402.3	14,496.2	3,981.4	8,818.0	14,380.9
Other defense agencies <sup>a</sup>	88,339.1	9,415.7	16,986.0	1,071.6	5,836.5	51,616.1	1,392.5	1,737.2	283.4
Department of Energy	617,305.6	15,854.3	24,421.2	36,453.0	36,745.4	430,437.1	0.0	0.0	73,394.6
Bonneville Power Administration	100.0	0.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
Electricity Delivery and Energy Reliability	443.2	0.0	443.2	0.0	0.0	0.0	0.0	0.0	0.0
Energy Efficiency and Renewable Energy	694.5	0.0	0.0	0.0	163.4	531.1	0.0	0.0	0.0
Fossil Energy	2,965.0	0.0	0.0	0.0	0.0	2,965.0	0.0	0.0	0.0
National Nuclear Security Administration	3,073.2	1,128.5	50.0	559.8	0.0	1,335.0	0.0	0.0	0.0
Nonproliferation and Verification	3,073.2	1,128.5	50.0	559.8	0.0	1,335.0	0.0	0.0	0.0
Office of Science	610,029.6	14,725.8	23,828.0	35,893.2	36,582.0	425,606.0	0.0	0.0	73,394.6
Department of Health and Human Services	9,459,375.4	67,353.3	388,241.5	119,195.8	7,850,534.0	89,318.8	607,539.5	55,419.9	281,772.7
Ctrs. for Disease Control and Prevention	25,889.1	0.0	0.0	7,585.0	4,216.0	0.0	0.0	0.0	14,088.1
National Institutes of Health	9,433,486.3	67,353.3	388,241.5	111,610.9	7,846,318.0	89,318.8	607,539.5	55,419.9	267,684.5
Department of Homeland Security	42,397.1	5,581.2	4,823.0	4,642.9	14,641.4	967.8	313.5	2,739.8	8,687.5
Science and Technology Directorate	42,397.1	5,581.2	4,823.0	4,642.9	14,641.4	967.8	313.5	2,739.8	8,687.5
Other agencies									
National Aeronautics and Space Administration	312,716.0	3,102.6	57,853.3	88,814.2	13,873.2	123,090.6	550.6	96.2	25,335.2
National Science Foundation	3,826,608.0	942,982.9	586,459.3	543,140.2	623,591.8	734,580.3	27,053.4	136,325.2	232,475.0

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. Basic research obligations of these seven agencies represented over 99% of total federal basic 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 2011–13.