

TABLE 84. Federal obligations for basic research performed at universities and colleges in physical sciences, by selected agency and detailed field: FY 2011

(Dollars in thousands)

Agency	Total	Astronomy	Chemistry	Physics	Other physical sciences
All agencies surveyed	1,652,074.8	159,360.1	498,656.6	791,465.4	202,592.8
Departments					
Department of Agriculture	9,971.0	0.0	9,852.8	118.2	0.0
Agricultural Research Service	2,538.3	0.0	2,420.2	118.2	0.0
Forest Service	72.6	0.0	72.6	0.0	0.0
National Institute of Food and Agriculture	7,360.0	0.0	7,360.0	0.0	0.0
Department of Defense	261,007.4	0.0	78,324.5	152,208.2	30,474.8
Defense Advanced Research Projects Agency	10,406.2	0.0	0.0	7,333.8	3,072.4
Department of the Air Force	119,515.7	0.0	33,866.6	72,772.5	12,876.6
Department of the Army	47,042.9	0.0	27,406.2	18,081.3	1,555.4
Department of the Navy	23,067.8	0.0	12,063.8	7,352.8	3,651.2
Other defense agencies ^a	60,974.8	0.0	4,987.8	46,667.8	9,319.2
Department of Energy	438,189.7	0.0	97,574.7	340,455.0	159.9
Energy Efficiency and Renewable Energy	125.8	0.0	125.8	0.0	0.0
Fossil Energy	4,105.9	0.0	4,105.9	0.0	0.0
National Nuclear Security Administration	1,334.8	0.0	0.0	1,174.9	159.9
Nonproliferation and Verification	1,334.8	0.0	0.0	1,174.9	159.9
Office of Science	432,623.2	0.0	93,343.0	339,280.2	0.0
Department of Health and Human Services	89,121.9	0.0	84,781.9	0.0	4,340.0
National Institutes of Health	89,121.9	0.0	84,781.9	0.0	4,340.0
Department of Homeland Security	1,110.5	0.0	1,110.5	0.0	0.0
Science and Technology Directorate	1,110.5	0.0	1,110.5	0.0	0.0
Other agencies					
National Aeronautics and Space Administration	123,687.4	76,757.4	5,565.2	35,802.4	5,562.4
National Science Foundation	728,986.9	82,602.7	221,446.9	262,881.6	162,055.7

^a 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 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.