

TABLE 95. Federal obligations for applied 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	212,622.3	4,776.2	101,207.7	85,675.6	20,962.9
Departments					
Department of Agriculture	12,622.7	0.0	12,528.1	94.5	0.0
Agricultural Research Service	2,030.7	0.0	1,936.1	94.5	0.0
National Institute of Food and Agriculture	10,592.0	0.0	10,592.0	0.0	0.0
Department of Defense	36,479.6	201.6	6,493.4	19,191.6	10,592.9
Defense Advanced Research Projects Agency	5,502.1	0.0	0.0	1,615.9	3,886.2
Department of the Air Force	10,336.7	201.6	196.2	8,663.0	1,275.9
Department of the Army	8,972.0	0.0	2,238.3	3,287.4	3,446.4
Department of the Navy	215.3	0.0	0.0	0.0	215.3
Other defense agencies ^a	11,453.3	0.0	4,058.9	5,625.3	1,769.1
Department of Energy	72,614.8	0.0	8,760.9	63,340.1	513.7
Advanced Research Projects Agency—Energy	2,874.9	0.0	2,874.9	0.0	0.0
Fossil Energy	5,886.1	0.0	5,886.1	0.0	0.0
National Nuclear Security Administration	63,853.9	0.0	0.0	63,340.1	513.7
Defense Programs	63,231.8	0.0	0.0	63,231.8	0.0
Nonproliferation and Verification	622.0	0.0	0.0	108.3	513.7
Department of Health and Human Services	75,918.7	0.0	72,221.6	0.0	3,697.0
National Institutes of Health	75,918.7	0.0	72,221.6	0.0	3,697.0
Department of Homeland Security	2,187.5	0.0	11.1	0.0	2,176.4
Science and Technology Directorate	2,187.5	0.0	11.1	0.0	2,176.4
Other agencies					
National Aeronautics and Space Administration	6,549.7	4,418.8	223.2	1,605.8	302.0
National Science Foundation	6,249.4	155.8	969.2	1,443.6	3,680.9

^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. 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.