

TABLE 41. Federal obligations for basic research in physical sciences, by agency and detailed field: FY 2011  
(Dollars in thousands)

Agency	Total	Astronomy	Chemistry	Physics	Other physical sciences
All agencies	3,814,977.8	498,785.2	774,349.6	2,275,150.1	266,692.8
Departments					
Department of Agriculture	50,793.8	0.0	49,037.7	1,756.2	0.0
Agricultural Research Service	37,729.0	0.0	35,972.8	1,756.2	0.0
Forest Service	5,298.9	0.0	5,298.9	0.0	0.0
National Institute of Food and Agriculture	7,766.0	0.0	7,766.0	0.0	0.0
Department of Commerce	124,947.6	0.0	20,089.7	104,678.9	179.0
National Institute of Standards and Technology	124,947.6	0.0	20,089.7	104,678.9	179.0
Department of Defense	401,759.6	1,204.7	104,244.7	229,137.6	67,172.7
Defense Advanced Research Projects Agency	22,926.5	0.0	1,105.2	13,041.7	8,779.6
Department of the Air Force	151,116.2	0.0	37,979.3	99,513.5	13,623.5
Department of the Army	80,477.7	0.0	37,523.0	34,350.8	8,603.9
Department of the Navy	57,266.4	1,204.7	19,480.2	27,698.7	8,882.8
Other defense agencies <sup>a</sup>	89,972.8	0.0	8,156.9	54,533.0	27,283.0
Department of Energy	1,809,499.6	160.0	231,364.2	1,570,929.6	7,045.8
Energy Efficiency and Renewable Energy	1,223.7	0.0	1,223.7	0.0	0.0
Fossil Energy	4,106.0	0.0	4,106.0	0.0	0.0
National Nuclear Security Administration	25,369.2	160.0	1,440.9	16,722.5	7,045.8
Nonproliferation and Verification	25,369.2	160.0	1,440.9	16,722.5	7,045.8
Office of Science	1,778,800.8	0.0	224,593.7	1,554,207.1	0.0
Department of Health and Human Services	121,340.7	0.0	116,728.2	0.0	4,612.4
National Institutes of Health	121,340.7	0.0	116,728.2	0.0	4,612.4
Department of Homeland Security	4,322.1	0.0	4,322.1	0.0	0.0
Science and Technology Directorate	4,322.1	0.0	4,322.1	0.0	0.0
Department of the Interior	4,381.7	0.0	0.0	0.0	4,381.7
U.S. Geological Survey	4,381.7	0.0	0.0	0.0	4,381.7
Department of Justice	2,127.5	0.0	2,127.5	0.0	0.0
Office of Justice Programs	2,127.5	0.0	2,127.5	0.0	0.0
Department of the Treasury	237.9	0.0	0.0	0.0	237.9
Bureau of Engraving and Printing	237.9	0.0	0.0	0.0	237.9
Other agencies					
Environmental Protection Agency	3,572.4	0.0	3,045.6	0.0	526.8
National Aeronautics and Space Administration	337,266.8	209,299.6	15,175.0	97,624.9	15,167.3
National Science Foundation	895,163.2	233,463.9	226,871.1	267,458.9	167,369.3
Smithsonian Institution	59,565.0	54,657.0	1,344.0	3,564.0	0.0

<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. 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.