

TABLE 55. Federal obligations for applied research in physical sciences, by agency and detailed field: FY 2011
(Dollars in thousands)

Agency	Total	Astronomy	Chemistry	Physics	Other physical sciences
All agencies	1,611,616.8	56,580.5	331,995.9	993,646.4	229,394.0
Departments					
Department of Agriculture	45,239.2	0.0	43,834.3	1,404.9	0.0
Agricultural Research Service	30,183.2	0.0	28,778.2	1,404.9	0.0
Forest Service	3,373.1	0.0	3,373.1	0.0	0.0
National Institute of Food and Agriculture	11,683.0	0.0	11,683.0	0.0	0.0
Department of Commerce	76,661.0	0.0	27,688.9	48,566.5	405.6
National Institute of Standards and Technology	60,388.0	0.0	26,436.9	33,545.5	405.6
National Oceanic and Atmospheric Administration	16,273.0	0.0	1,252.0	15,021.0	0.0
Department of Defense	450,748.5	9,109.9	73,982.1	252,696.2	114,960.3
Defense Advanced Research Projects Agency	46,220.6	0.0	10,056.0	9,587.5	26,577.1
Department of the Air Force	200,741.3	9,109.9	14,954.9	153,780.2	22,896.3
Department of the Army	113,757.0	0.0	18,368.0	41,512.7	53,876.3
Department of the Navy	2,505.6	0.0	0.0	0.0	2,505.6
Other defense agencies ^a	87,524.0	0.0	30,603.2	47,815.9	9,104.9
Department of Energy	777,125.1	160.0	52,755.1	671,484.6	52,725.4
Advanced Research Projects Agency—Energy	4,776.6	0.0	4,776.6	0.0	0.0
Fossil Energy	28,658.2	0.0	28,658.2	0.0	0.0
National Nuclear Security Administration	743,690.3	160.0	19,320.3	671,484.6	52,725.4
Defense Programs	634,720.8	0.0	0.0	618,521.2	16,199.6
Nonproliferation and Verification	108,969.5	160.0	19,320.3	52,963.4	36,525.8
Department of Health and Human Services	104,370.2	0.0	100,402.9	0.0	3,967.3
National Institutes of Health	104,370.2	0.0	100,402.9	0.0	3,967.3
Department of Homeland Security	26,192.7	0.0	19,516.9	0.0	6,675.8
Science and Technology Directorate	26,192.7	0.0	19,516.9	0.0	6,675.8
Department of the Interior	32,903.6	0.0	310.8	158.7	32,434.1
National Park Service	469.6	0.0	310.8	158.7	0.0
U.S. Geological Survey	32,434.1	0.0	0.0	0.0	32,434.1
Department of Justice	5,226.7	0.0	0.0	0.0	5,226.7
Office of Justice Programs	5,226.7	0.0	0.0	0.0	5,226.7
Department of Transportation	706.6	0.0	706.6	0.0	0.0
Federal Aviation Administration	706.6	0.0	706.6	0.0	0.0
Department of the Treasury	4,936.8	0.0	0.0	0.0	4,936.8
Bureau of Engraving and Printing	4,936.8	0.0	0.0	0.0	4,936.8
Other agencies					
Environmental Protection Agency	9,632.3	0.0	8,493.8	0.0	1,138.5
Federal Communications Commission	600.0	0.0	0.0	600.0	0.0
Library of Congress	884.3	0.0	884.3	0.0	0.0
National Aeronautics and Space Administration	69,868.3	47,136.9	2,381.0	17,129.3	3,221.2
National Archives and Records Administration	70.0	0.0	50.0	20.0	0.0
National Science Foundation	6,451.4	173.8	989.2	1,586.2	3,702.3

^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. 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.