

TABLE 27. Federal obligations for research in physical sciences, by agency and detailed field: FY 2011  
(Dollars in thousands)

Agency	Total	Astronomy	Chemistry	Physics	Other physical sciences
All agencies	5,426,594.6	555,365.7	1,106,345.5	3,268,796.6	496,086.8
Departments					
Department of Agriculture	96,033.1	0.0	92,872.0	3,161.1	0.0
Agricultural Research Service	67,912.1	0.0	64,751.0	3,161.1	0.0
Forest Service	8,671.9	0.0	8,671.9	0.0	0.0
National Institute of Food and Agriculture	19,449.0	0.0	19,449.0	0.0	0.0
Department of Commerce	201,608.6	0.0	47,778.6	153,245.4	584.6
National Institute of Standards and Technology	185,335.6	0.0	46,526.6	138,224.4	584.6
National Oceanic and Atmospheric Administration	16,273.0	0.0	1,252.0	15,021.0	0.0
Department of Defense	852,508.2	10,314.6	178,226.8	481,833.8	182,133.0
Defense Advanced Research Projects Agency	69,147.1	0.0	11,161.2	22,629.2	35,356.7
Department of the Air Force	351,857.5	9,109.9	52,934.2	253,293.6	36,519.7
Department of the Army	194,234.8	0.0	55,891.0	75,863.5	62,480.2
Department of the Navy	59,772.0	1,204.7	19,480.2	27,698.7	11,388.4
Other defense agencies <sup>a</sup>	177,496.8	0.0	38,760.1	102,348.8	36,387.9
Department of Energy	2,586,624.7	320.0	284,119.3	2,242,414.2	59,771.2
Advanced Research Projects Agency—Energy	4,776.6	0.0	4,776.6	0.0	0.0
Energy Efficiency and Renewable Energy	1,223.7	0.0	1,223.7	0.0	0.0
Fossil Energy	32,764.2	0.0	32,764.2	0.0	0.0
National Nuclear Security Administration	769,059.5	320.0	20,761.2	688,207.2	59,771.2
Defense Programs	634,720.8	0.0	0.0	618,521.2	16,199.6
Nonproliferation and Verification	134,338.6	320.0	20,761.2	69,685.9	43,571.6
Office of Science	1,778,800.8	0.0	224,593.7	1,554,207.1	0.0
Department of Health and Human Services	225,710.9	0.0	217,131.1	0.0	8,579.8
National Institutes of Health	225,710.9	0.0	217,131.1	0.0	8,579.8
Department of Homeland Security	30,514.7	0.0	23,838.9	0.0	6,675.8
Science and Technology Directorate	30,514.7	0.0	23,838.9	0.0	6,675.8
Department of the Interior	37,285.3	0.0	310.8	158.7	36,815.7
National Park Service	469.6	0.0	310.8	158.7	0.0
U.S. Geological Survey	36,815.7	0.0	0.0	0.0	36,815.7
Department of Justice	7,354.2	0.0	2,127.5	0.0	5,226.7
Office of Justice Programs	7,354.2	0.0	2,127.5	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	5,174.6	0.0	0.0	0.0	5,174.6
Bureau of Engraving and Printing	5,174.6	0.0	0.0	0.0	5,174.6
Other agencies					
Environmental Protection Agency	13,204.7	0.0	11,539.4	0.0	1,665.3
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	407,135.1	256,436.5	17,555.9	114,754.2	18,388.5
National Archives and Records Administration	70.0	0.0	50.0	20.0	0.0
National Science Foundation	901,614.7	233,637.7	227,860.2	269,045.1	171,071.6
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.