

TABLE 112. Federal outlays for R&D plant, by agency: FYs 2004–14  
(Dollars in millions)

Agency	2004	2005	2006	2007	2008	2009	2010	2011	2012	Preliminary	
										2013	2014
All agencies	3,855.6	3,831.6	2,041.0	2,123.3	2,066.2	2,824.5	6,135.5	4,300.8	2,468.8	2,242.7	3,120.7
Departments											
Department of Agriculture	113.2	149.4	184.5	216.0	147.7	74.3	125.8	119.0	68.0	26.6	24.0
Agricultural Research Service	94.2	131.4	171.0	191.0	126.8	42.8	55.9	102.0	58.1	20.4	18.8
Forest Service	19.0	18.0	13.5	25.0	20.9	31.5	69.8	17.0	9.8	6.3	5.2
Department of Commerce	80.2	39.8	46.0	68.2	113.8	248.1	287.7	322.7	290.2	185.5	204.9
Economic Development Administration	NA	NA	NA	NA	18.5	25.4	26.5	14.9	NA	NA	NA
National Institute of Standards and Technology	49.2	37.9	46.0	35.3	49.1	46.7	101.9	171.1	149.7	47.5	41.5
National Oceanic and Atmospheric Administration	31.0	1.9	0.0	33.0	46.2	176.0	159.3	136.7	140.6	138.0	163.4
Department of Defense	187.7	210.2	93.3	151.7	130.4	195.9	148.3	131.9	138.7	122.6	159.5
Defense agencies and activities <sup>a</sup>	66.6	77.1	34.8	36.3	38.5	8.2	0.3	na	na	na	na
Department of the Air Force	9.7	35.7	38.7	15.1	91.9	111.2	128.8	115.6	135.7	121.5	158.5
Department of the Army	0.0	0.0	0.0	0.0	0.0	76.5	0.0	0.0	0.0	0.0	0.0
Department of the Navy	111.5	97.4	19.8	100.3	0.0	0.0	19.2	16.4	1.5	*	0.1
Other defense agencies	NA	0.0	1.6	1.0	1.0						
Department of Energy	1,025.9	846.8	780.3	651.3	748.3	1,224.5	904.4	771.3	714.3	647.4	865.0
Energy Efficiency and Renewable Energy	19.8	24.8	26.1	1.8	64.9	17.2	53.4	35.9	0.0	24.9	24.9
Fossil Energy	6.0	6.1	20.5	12.0	18.7	14.8	14.8	14.8	12.4	12.5	9.8
National Nuclear Security Administration	425.9	300.1	310.5	204.6	268.8	172.1	280.3	151.6	92.8	52.1	147.6
Defense Programs	407.8	268.4	271.6	171.0	232.0	132.0	201.3	119.1	52.9	52.0	77.9
Naval Reactors	18.2	31.7	38.9	33.6	36.8	40.1	79.0	32.5	39.9	0.1	69.8
Office of Science	574.3	515.8	423.2	432.8	395.9	1,020.4	555.9	569.0	609.1	557.9	682.6
Department of Health and Human Services	428.6	429.4	358.8	251.7	147.4	151.4	1,682.4	79.2	155.1	156.1	147.2
Ctrs. for Disease Control and Prevention	0.0	0.0	143.9	134.4	6.5	0.0	0.0	0.0	0.0	0.0	0.0
Food and Drug Administration	6.5	3.1	1.8	5.6	5.1	4.8	12.6	8.5	21.2	21.5	22.5
Health Resources and Services Administration	0.6	0.5	0.6	0.6	0.6	0.1	0.6	0.6	0.6	0.6	0.7
National Institutes of Health	421.4	425.7	212.6	111.1	135.1	146.5	1,669.1	70.1	133.2	134.0	124.0
Department of Homeland Security	56.3	61.2	121.2	259.0	210.5	346.2	392.9	694.3	234.5	213.9	691.5
Science and Technology Directorate	55.3	60.2	120.9	258.5	210.0	344.7	391.8	693.1	233.3	212.8	690.3
U.S. Coast Guard	1.0	1.0	0.3	0.6	0.5	1.5	1.1	1.2	1.2	1.2	1.2
Department of the Interior	7.6	7.3	5.3	9.8	9.1	6.8	5.6	8.4	5.8	6.0	5.7
Bureau of Ocean Energy Management, Regulation and Enforcement <sup>b, c</sup>	2.3	2.7	3.1	2.9	2.7	2.3	2.0	4.8	na	na	na
Bureau of Reclamation	5.3	4.6	2.2	7.0	6.3	4.6	3.6	3.7	2.1	3.0	3.0
Bureau of Safety and Environmental Enforcement <sup>b</sup>	na	3.8	3.0	2.7							
Department of Justice	NA	NA	NA	NA	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Office of Justice Programs	NA	NA	NA	NA	1.0	0.0	0.0	0.0	0.0	0.0	0.0
Department of Labor	0.0	0.0	0.0	0.5	0.6	0.7	1.1	1.3	1.3	0.5	0.5
Occupational Safety and Health Administration	0.0	0.0	0.0	0.5	0.6	0.7	1.1	1.3	1.3	0.5	0.5

TABLE 112. Federal outlays for R&amp;D plant, by agency: FYs 2004–14

(Dollars in millions)

Agency	2004	2005	2006	2007	2008	2009	2010	2011	2012	Preliminary	
										2013	2014
Department of Transportation	14.8	15.8	18.1	19.9	18.9	18.9	20.5	17.9	21.1	17.1	23.0
Federal Aviation Administration	14.0	15.0	17.0	18.0	17.0	17.0	19.0	17.0	18.0	14.0	16.0
Federal Railroad Administration	0.8	0.8	1.1	1.9	1.9	1.9	1.5	0.9	3.1	3.1	7.0
Department of Veterans Affairs	0.3	0.4	0.4	0.4	0.4	0.0	0.0	0.0	0.0	0.0	0.0
Other agencies											
Environmental Protection Agency	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.7	4.9	4.4	4.6
National Aeronautics and Space Administration	1,580.8	1,697.3	12.2	11.7	72.2	75.8	1,564.9	1,578.2	168.9	125.6	474.7
National Science Foundation	357.0	368.0	395.0	453.0	424.0	433.0	949.0	515.0	616.0	691.0	474.0
Smithsonian Institution	3.0	6.0	26.0	30.0	42.0	49.0	53.0	57.0	50.0	46.0	46.0

\* = amount greater than \$0 but less than \$50,000. na = not applicable; agency or subagency did not exist as such or in that organization in that year. NA = not available; data collected for this table were not recorded at that level in that particular fiscal year.

<sup>a</sup> In FY 2011, excepting the Defense Advanced Research Projects Agency, the Office of the Secretary of Defense began reporting for the agencies that had been presented under Department of Defense (DOD) agencies and activities and Operational Test and Evaluation, Director. These are now reported under Other defense agencies. Also, as of the FYs 2011–13 survey, Other defense agencies displays aggregated data of DOD subagencies engaged in classified R&D projects.

<sup>b</sup> The Bureau of Ocean Energy Management, Regulation and Enforcement was split into the Bureau of Ocean Energy Management and the Bureau of Safety and Environmental Enforcement in FY 2012.

<sup>c</sup> The Minerals Management Service changed its name to the Bureau of Ocean Energy Management, Regulation and Enforcement in FY 2010.

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. The Transportation Security Laboratory (TSL) initially existed under the Transportation Security Administration (TSA) of the Department of Homeland Security (DHS), but in the 2005 DHS reorganization, TSL was moved from TSA to the Science and Technology Directorate. In FY 2006, the National Aeronautics and Space Administration (NASA) reclassified as operational costs funding for Space Operations, the Hubble Space Telescope, the Stratospheric Observatory for Infrared Astronomy, and the James Webb Space Telescope that previously had been reported as R&D plant. In FY 2010, NASA resumed reporting International Space Station obligations as R&D plant. In FY 2012, NASA began reporting International Space Station obligations as research rather than R&D plant. See appendix C for additional notes associated with the agencies listed in this table. FYs 2009 and 2010 outlays include additional funding provided by the American Recovery and Reinvestment Act of 2009.

SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development.