

TABLE 112. Federal outlays for R&D plant, by agency: FYs 2003–13
(Dollars in millions)

Agency	2003	2004	2005	2006	2007	2008	2009	2010	2011	Preliminary	
										2012	2013
All agencies	4,157.9	3,855.6	3,831.6	2,041.0	2,123.3	2,066.2	2,824.5	6,135.5	4,300.8	4,366.8	4,414.2
Departments											
Department of Agriculture	77.1	113.2	149.4	184.5	216.0	147.7	74.3	125.8	119.0	72.7	20.0
Agricultural Research Service	61.1	94.2	131.4	171.0	191.0	126.8	42.8	55.9	102.0	64.0	13.0
Forest Service	16.0	19.0	18.0	13.5	25.0	20.9	31.5	69.8	17.0	8.7	7.0
Department of Commerce	93.1	80.2	39.8	46.0	68.2	113.8	248.1	287.7	322.7	247.1	243.1
Economic Development Administration	NA	NA	NA	NA	NA	18.5	25.4	26.5	14.9	27.0	0.0
National Institute of Standards and Technology	77.3	49.2	37.9	46.0	35.3	49.1	46.7	101.9	171.1	83.0	100.0
National Oceanic and Atmospheric Administration	15.7	31.0	1.9	0.0	33.0	46.2	176.0	159.3	136.7	137.1	143.1
Department of Defense	237.2	187.7	210.2	93.3	151.7	130.4	195.9	148.3	131.9	138.2	139.0
Defense agencies and activities ^a	137.9	66.6	77.1	34.8	36.3	38.5	8.2	0.3	na	na	na
Department of the Air Force	6.8	9.7	35.7	38.7	15.1	91.9	111.2	128.8	115.6	122.4	122.0
Department of the Army	0.0	0.0	0.0	0.0	0.0	0.0	76.5	0.0	0.0	0.0	0.0
Department of the Navy	92.5	111.5	97.4	19.8	100.3	0.0	0.0	19.2	16.4	15.8	17.0
Department of Energy	1,051.8	1,025.9	846.8	780.3	651.3	748.3	1,224.5	904.4	771.3	732.3	726.2
Energy Efficiency and Renewable Energy	6.2	19.8	24.8	26.1	1.8	64.9	17.2	53.4	35.9	0.0	0.0
Fossil Energy	2.9	6.0	6.1	20.5	12.0	18.7	14.8	14.8	14.8	12.4	9.8
National Nuclear Security Administration	446.8	425.9	300.1	310.5	204.6	268.8	172.1	280.3	151.6	156.3	163.4
Defense Programs	419.9	407.8	268.4	271.6	171.0	232.0	132.0	201.3	119.1	116.4	113.8
Naval Reactors	26.8	18.2	31.7	38.9	33.6	36.8	40.1	79.0	32.5	39.9	49.6
Office of Science	596.0	574.3	515.8	423.2	432.8	395.9	1,020.4	555.9	569.0	563.6	553.0
Department of Health and Human Services	817.1	428.6	429.4	358.8	251.7	147.4	151.4	1,682.4	79.2	142.4	144.5
Ctrs. for Disease Control and Prevention	0.0	0.0	0.0	143.9	134.4	6.5	0.0	0.0	0.0	0.0	0.0
Food and Drug Administration	8.6	6.5	3.1	1.8	5.6	5.1	4.8	12.6	8.5	8.5	10.6
Health Resources and Services Administration	0.3	0.6	0.5	0.6	0.6	0.6	0.1	0.6	0.6	0.6	0.6
National Institutes of Health	808.2	421.4	425.7	212.6	111.1	135.1	146.5	1,669.1	70.1	133.2	133.2
Department of Homeland Security	NA	56.3	61.2	121.2	259.0	210.5	346.2	392.9	694.3	720.4	645.2
Science and Technology Directorate	NA	55.3	60.2	120.9	258.5	210.0	344.7	391.8	693.1	719.1	644.0
U.S. Coast Guard	NA	1.0	1.0	0.3	0.6	0.5	1.5	1.1	1.2	1.3	1.3
Department of the Interior	3.6	7.6	7.3	5.3	9.8	9.1	6.8	5.6	8.4	3.8	4.6
Bureau of Ocean Energy Management, Regulation and Enforcement ^{b,c}	2.1	2.3	2.7	3.1	2.9	2.7	2.3	2.0	4.8	na	na
Bureau of Reclamation	1.5	5.3	4.6	2.2	7.0	6.3	4.6	3.6	3.7	2.1	2.1
Bureau of Safety and Environmental Enforcement ^b	na	1.7	2.5								
Department of Justice	NA	NA	NA	NA	NA	1.0	0.0	0.0	0.0	0.0	0.0
Office of Justice Programs	NA	NA	NA	NA	NA	1.0	0.0	0.0	0.0	0.0	0.0
Department of Labor	0.0	0.0	0.0	0.0	0.5	0.6	0.7	1.1	1.3	0.8	0.9
Occupational Safety and Health Administration	0.0	0.0	0.0	0.0	0.5	0.6	0.7	1.1	1.3	0.8	0.9

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Agency	2003	2004	2005	2006	2007	2008	2009	2010	2011	Preliminary	
										2012	2013
Department of Transportation	7.3	14.8	15.8	18.1	19.9	18.9	18.9	20.5	17.9	22.9	24.0
Federal Aviation Administration	6.0	14.0	15.0	17.0	18.0	17.0	17.0	19.0	17.0	20.0	21.0
Federal Railroad Administration	1.3	0.8	0.8	1.1	1.9	1.9	1.9	1.5	0.9	2.9	3.0
Department of Veterans Affairs	0.4	0.3	0.4	0.4	0.4	0.4	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	0.0	4.7	4.7	4.7
National Aeronautics and Space Administration	1,595.8	1,580.8	1,697.3	12.2	11.7	72.2	75.8	1,564.9	1,578.2	1,634.5	1,869.0
National Science Foundation	272.0	357.0	368.0	395.0	453.0	424.0	433.0	949.0	515.0	597.0	547.0
Smithsonian Institution	2.5	3.0	6.0	26.0	30.0	42.0	49.0	53.0	57.0	50.0	46.0

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.

^a 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.

^b 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.

^c 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. Data for only those agencies and subdivisions that had outlays in variables represented by this table appear in the table. In FY 2003, the Substance Abuse and Mental Health Services Administration reclassified some of its funding categories that were considered R&D in prior years. 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. Between FY 2006 and FY 2007, the National Aeronautics and Space Administration's (NASA's) R&D obligations decreased for two reasons: (1) in FY 2007, NASA excluded projects that were operational in nature that were not excluded in FY 2006, which accounts for \$850 million of the decrease; and (2) there was an overall decrease in obligations between FY 2006 and FY 2007, which accounts for the remainder of the decrease. In FY 2006, 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. 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.