

TABLE 142. Federal obligations for R&amp;D plant for selected agencies, by state and other locations: FYs 2003–11

(Dollars in millions)

State or location	2003	2004	2005	2006	2007	2008	2009	2010	2011
All locations	4,239.8	3,979.3	3,749.1	2,093.1	2,111.0	1,893.3	3,591.3	6,563.3	4,100.5
Alabama	92.5	37.3	27.1	6.4	1.4	2.6	4.2	98.1	93.2
Alaska	133.9	126.8	15.8	4.8	7.6	3.6	173.5	57.8	6.3
Arizona	38.3	27.7	6.7	3.6	62.6	5.7	20.5	194.9	30.3
Arkansas	6.0	7.7	0.7	1.7	8.6	6.1	8.9	28.5	6.4
California	519.3	987.7	972.4	427.7	404.8	291.0	475.5	1,087.8	997.4
Colorado	97.1	82.9	89.3	97.7	183.8	115.9	279.5	300.0	140.6
Connecticut	48.7	46.8	87.8	4.3	1.9	5.6	3.1	123.2	93.7
Delaware	0.9	0.6	0.4	*	*	0.4	0.5	13.5	0.4
District of Columbia	18.7	118.1	33.3	105.8	73.4	76.7	180.4	364.9	236.9
Florida	173.0	120.9	107.0	1.6	11.4	12.9	56.7	140.7	90.4
Georgia	7.5	16.4	98.7	128.7	131.7	36.0	53.8	58.5	45.4
Hawaii	1.9	7.0	43.8	5.6	8.0	3.1	25.3	38.1	23.3
Idaho	7.0	22.6	23.1	7.0	8.7	5.9	16.6	25.2	30.9
Illinois	122.1	122.9	104.7	84.6	89.2	61.7	233.8	281.3	115.4
Indiana	12.3	7.7	4.2	2.7	4.1	3.7	7.5	34.9	6.6
Iowa	30.0	107.0	32.0	62.3	64.4	11.3	11.1	28.3	7.1
Kansas	1.9	1.3	10.2	0.3	1.6	0.4	2.9	12.7	4.4
Kentucky	3.1	7.4	25.2	7.2	0.8	5.6	2.5	21.8	4.6
Louisiana	56.8	17.2	15.4	36.7	6.2	2.8	26.7	28.4	14.9
Maine	0.9	4.8	3.8	3.8	1.8	0.8	6.3	1.4	1.5
Maryland	106.0	472.7	515.1	250.5	157.1	262.1	238.7	1,137.3	404.9
Massachusetts	233.4	21.6	90.5	49.1	32.7	13.9	48.8	102.7	30.8
Michigan	17.0	8.0	3.3	3.5	2.6	1.3	11.3	45.0	3.5
Minnesota	4.2	5.7	4.3	0.8	4.7	0.9	8.5	24.1	24.0
Mississippi	24.4	11.0	11.1	20.5	19.4	3.1	25.3	77.6	22.0
Missouri	21.2	4.7	11.3	6.3	1.3	1.9	5.8	30.5	4.2
Montana	6.5	3.4	6.3	6.5	1.4	0.9	2.0	23.3	0.4
Nebraska	0.8	1.5	*	0.7	0.7	1.0	0.9	22.2	0.8
Nevada	12.4	7.6	7.2	40.9	32.5	4.3	1.2	1.8	4.1
New Hampshire	2.8	6.6	3.4	4.0	1.1	0.8	2.1	11.1	1.6
New Jersey	72.5	50.5	51.0	56.9	90.2	53.3	82.8	74.5	40.0
New Mexico	187.9	269.4	183.3	110.8	29.2	184.6	108.7	190.5	96.8
New York	89.2	71.3	97.1	100.8	80.4	81.7	326.0	309.7	210.5
North Carolina	26.2	21.0	8.5	4.1	3.0	4.9	12.2	36.7	8.8
North Dakota	0.2	NA	4.4	0.3	NA	0.7	2.0	5.9	0.4
Ohio	26.4	19.5	26.1	17.0	21.5	16.7	24.3	100.5	55.2
Oklahoma	14.4	17.6	4.2	0.9	2.5	12.8	5.7	19.0	13.1
Oregon	8.3	7.1	4.0	2.8	4.1	2.9	4.9	35.9	18.1
Pennsylvania	79.6	26.8	24.7	17.4	12.9	35.0	37.8	127.1	15.2
Puerto Rico	1.9	1.6	1.1	0.4	1.6	4.4	3.6	15.9	1.5
Rhode Island	0.2	12.0	2.4	1.0	0.1	0.8	4.7	6.1	2.6
South Carolina	10.0	8.6	20.7	3.5	7.3	11.4	14.7	24.5	19.0
South Dakota	1.1	10.8	2.3	0.5	0.5	0.3	2.2	2.6	0.8
Tennessee	309.6	199.7	198.9	111.8	143.6	188.8	330.1	371.6	315.3
Texas	1,370.4	568.7	486.8	42.1	7.5	20.6	39.9	430.3	428.7
Utah	8.3	1.1	4.3	0.5	3.9	1.9	83.7	12.1	1.5
Vermont	NA	0.6	0.7	0.3	0.2	0.8	0.6	3.2	1.4
Virginia	147.3	179.3	170.4	129.0	283.9	268.9	268.6	215.1	344.7
Washington	30.6	32.4	34.3	30.0	29.6	13.5	215.2	89.0	48.8
West Virginia	6.0	11.3	10.2	20.7	16.0	13.1	52.2	35.7	21.4
Wisconsin	47.7	56.2	58.2	65.1	47.1	30.6	36.9	33.3	10.0

TABLE 142. Federal obligations for R&D plant for selected agencies, by state and other locations: FYs 2003–11

(Dollars in millions)

State or location	2003	2004	2005	2006	2007	2008	2009	2010	2011
Wyoming	0.2	0.3	0.8	0.4	0.6	0.0	0.5	1.2	0.5
Offices abroad <sup>a</sup>	1.0	NA	0.8	1.7	NA	0.0	0.0	0.0	0.0
Other areas <sup>b</sup>	NA	NA	NA	NA	NA	3.6	*	7.4	0.0

\* = amount greater than \$0 but less than \$50,000. NA = not available; data collected for this table were not recorded at that level in that particular fiscal year.

<sup>a</sup> Includes R&D performed or administered in foreign countries by the U.S. government.

<sup>b</sup> Includes America Samoa, Baker Island, Federated States of Micronesia, Guam, Howland Island, Jarvis Island, Johnston Atoll, Kingman Reef, Marshall Islands, Midway Islands, Navassa Island, Northern Mariana Islands, Palau, Palmyra Atoll, U.S. Virgin Islands, and Wake Island.

NOTES: Because of rounding, detail may not add to total. Eleven agencies are required to report data for this section of the survey: the Departments of Agriculture, Commerce, Defense (DOD), Energy, Health and Human Services, Homeland Security, the Interior, and Transportation; the Environmental Protection Agency (EPA); the National Aeronautics and Space Administration (NASA); and the National Science Foundation. These obligations represented over 98% of the federal R&D plant obligations in FY 2011. Although the nongeographic historical tables incorporate corrections to previously reported data that have been submitted by reporting agencies, corresponding corrections to geographic distributions are rarely obtainable. Geographic distribution of DOD development funding to industry reflects location of prime contractors and not the numerous subcontractors who perform much of the R&D. 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. In FY 2010, EPA was unable to report R&D plant by performer or by location. Percentage distributions calculated from EPA's data submission for FYs 2009–11 were used to estimate its FY 2010 R&D plant by performer and its location.

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