

TABLE 142. Federal obligations for R&D plant for selected agencies, by state or location: FYs 2005–13
(Dollars in millions)

State or location	2005	2006	2007	2008	2009	2010	2011	2012	2013
All locations	3,749.1	2,093.1	2,111.0	1,893.3	3,591.3	6,563.3	4,100.5	2,093.9	1,860.6
Alabama	27.1	6.4	1.4	2.6	4.2	98.1	93.2	3.4	39.3
Alaska	15.8	4.8	7.6	3.6	173.5	57.8	6.3	6.6	7.8
Arizona	6.7	3.6	62.6	5.7	20.5	194.9	30.3	2.9	1.0
Arkansas	0.7	1.7	8.6	6.1	8.9	28.5	6.4	5.9	3.0
California	972.4	427.7	404.8	291.0	475.5	1,087.8	997.4	117.9	166.2
Colorado	89.3	97.7	183.8	115.9	279.5	300.0	140.6	108.2	150.9
Connecticut	87.8	4.3	1.9	5.6	3.1	123.2	93.7	1.7	1.5
Delaware	0.4	*	*	0.4	0.5	13.5	0.4	0.8	0.2
District of Columbia	33.3	105.8	73.4	76.7	180.4	364.9	236.9	135.4	167.5
Florida	107.0	1.6	11.4	12.9	56.7	140.7	90.4	47.9	37.6
Georgia	98.7	128.7	131.7	36.0	53.8	58.5	45.4	50.8	92.4
Hawaii	43.8	5.6	8.0	3.1	25.3	38.1	23.3	15.4	13.0
Idaho	23.1	7.0	8.7	5.9	16.6	25.2	30.9	41.0	1.2
Illinois	104.7	84.6	89.2	61.7	233.8	281.3	115.4	245.0	103.4
Indiana	4.2	2.7	4.1	3.7	7.5	34.9	6.6	2.2	2.6
Iowa	32.0	62.3	64.4	11.3	11.1	28.3	7.1	8.0	7.5
Kansas	10.2	0.3	1.6	0.4	2.9	12.7	4.4	5.5	2.5
Kentucky	25.2	7.2	0.8	5.6	2.5	21.8	4.6	8.5	0.8
Louisiana	15.4	36.7	6.2	2.8	26.7	28.4	14.9	1.2	12.2
Maine	3.8	3.8	1.8	0.8	6.3	1.4	1.5	0.1	1.7
Maryland	515.1	250.5	157.1	262.1	238.7	1,137.3	404.9	235.3	263.7
Massachusetts	90.5	49.1	32.7	13.9	48.8	102.7	30.8	28.0	13.9
Michigan	3.3	3.5	2.6	1.3	11.3	45.0	3.5	23.8	24.5
Minnesota	4.3	0.8	4.7	0.9	8.5	24.1	24.0	2.1	2.2
Mississippi	11.1	20.5	19.4	3.1	25.3	77.6	22.0	13.6	14.5
Missouri	11.3	6.3	1.3	1.9	5.8	30.5	4.2	12.1	7.5
Montana	6.3	6.5	1.4	0.9	2.0	23.3	0.4	0.0	1.0
Nebraska	*	0.7	0.7	1.0	0.9	22.2	0.8	0.5	0.5
Nevada	7.2	40.9	32.5	4.3	1.2	1.8	4.1	1.1	0.3
New Hampshire	3.4	4.0	1.1	0.8	2.1	11.1	1.6	2.0	1.3
New Jersey	51.0	56.9	90.2	53.3	82.8	74.5	40.0	52.1	55.5
New Mexico	183.3	110.8	29.2	184.6	108.7	190.5	96.8	54.2	82.9
New York	97.1	100.8	80.4	81.7	326.0	309.7	210.5	186.2	94.1
North Carolina	8.5	4.1	3.0	4.9	12.2	36.7	8.8	10.7	7.4
North Dakota	4.4	0.3	0.0	0.7	2.0	5.9	0.4	0.7	0.0
Ohio	26.1	17.0	21.5	16.7	24.3	100.5	55.2	61.6	4.7
Oklahoma	4.2	0.9	2.5	12.8	5.7	19.0	13.1	10.6	8.2
Oregon	4.0	2.8	4.1	2.9	4.9	35.9	18.1	9.6	9.6
Pennsylvania	24.7	17.4	12.9	35.0	37.8	127.1	15.2	23.3	13.0
Rhode Island	2.4	1.0	0.1	0.8	4.7	6.1	2.6	6.5	6.2
South Carolina	20.7	3.5	7.3	11.4	14.7	24.5	19.0	16.2	13.2
South Dakota	2.3	0.5	0.5	0.3	2.2	2.6	0.8	0.6	1.1
Tennessee	198.9	111.8	143.6	188.8	330.1	371.6	315.3	248.3	223.4
Texas	486.8	42.1	7.5	20.6	39.9	430.3	428.7	34.8	15.0
Utah	4.3	0.5	3.9	1.9	83.7	12.1	1.5	2.0	3.6
Vermont	0.7	0.3	0.2	0.8	0.6	3.2	1.4	0.5	0.3
Virginia	170.4	129.0	283.9	268.9	268.6	215.1	344.7	169.7	131.9
Washington	34.3	30.0	29.6	13.5	215.2	89.0	48.8	52.3	40.8
West Virginia	10.2	20.7	16.0	13.1	52.2	35.7	21.4	14.9	0.2
Wisconsin	58.2	65.1	47.1	30.6	36.9	33.3	10.0	11.3	5.7
Wyoming	0.8	0.4	0.6	0.0	0.5	1.2	0.5	0.3	1.2
Outlying areas	1.1	0.4	1.6	8.0	3.6	23.3	1.5	0.5	0.6

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(Dollars in millions)

State or location	2005	2006	2007	2008	2009	2010	2011	2012	2013
Puerto Rico	1.1	0.4	1.6	4.4	3.6	15.9	1.5	0.5	0.6
Other areas ^a	0.0	0.0	0.0	3.6	*	7.4	0.0	0.0	0.0
Offices abroad ^b	0.8	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0

* = amount greater than \$0 but less than \$50,000.

^a Includes America Samoa, Baker Island, Guam, Howland Island, Jarvis Island, Johnston Atoll, Kingman Reef, Midway Islands, Navassa Island, Northern Mariana Islands, Palmyra Atoll, U.S. Virgin Islands, and Wake Island.

^b Includes R&D performed or administered in foreign countries by the U.S. government.

NOTES: Because of rounding, detail may not add to total. Only 11 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 97% of the federal R&D plant obligations in FY 2013. 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 (ISS) obligations as R&D plant. In FY 2012, NASA began reporting ISS obligations as research rather than 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. FYs 2009 and 2010 obligations 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.