

TABLE 123. Federal obligations for R&D plant for selected agencies, by state and other locations: FYs 1991–2001

(Dollars in millions)

State/location	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
All locations	2,807.0	2,962.9	3,054.5	2,196.2	2,210.8	1,736.6	1,891.1	1,809.8	2,042.3	4,489.3	4,026.0
Alabama	165.0	346.1	368.2	94.1	44.1	48.9	43.4	38.6	66.6	210.6	202.6
Alaska	0.2	0.8	1.0	88.0	1.4	0.2	3.0	0.0	0.0	0.3	0.4
Arizona	16.4	7.9	16.9	20.8	42.7	3.0	1.9	7.5	1.1	4.1	2.7
Arkansas	5.3	4.4	3.3	3.9	3.9	12.5	14.1	18.5	3.0	3.2	4.7
California	377.8	356.1	469.6	209.5	414.0	341.2	418.9	426.4	467.7	503.0	570.3
Colorado	50.7	55.6	30.0	36.9	31.2	28.4	52.6	63.3	43.2	34.6	54.5
Connecticut	2.6	2.6	14.4	3.8	5.2	3.6	5.2	2.6	2.3	91.0	55.6
Delaware	*	0.1	2.1	1.1	1.9	2.0	2.4	0.8	1.1	0.3	0.1
District of Columbia	16.3	17.8	13.3	11.2	3.0	4.6	7.0	13.2	53.7	30.0	26.5
Florida	132.1	143.1	73.5	101.7	40.6	65.3	66.1	66.4	56.2	238.3	180.0
Georgia	6.0	6.4	3.5	5.3	12.4	4.6	5.2	3.8	8.5	9.2	20.1
Hawaii	9.2	6.5	19.3	14.3	0.5	1.7	3.0	1.5	9.3	1.8	2.8
Idaho	46.0	39.6	27.4	12.5	8.9	19.2	26.2	11.5	8.2	27.2	18.4
Illinois	319.7	183.9	201.6	208.5	190.0	147.3	134.3	152.6	151.5	143.1	167.2
Indiana	5.0	8.4	22.6	4.1	4.8	15.2	7.9	3.1	6.7	12.2	18.0
Iowa	26.1	5.2	7.9	10.1	15.5	10.1	8.9	7.2	6.2	8.1	16.6
Kansas	5.2	2.5	10.1	10.6	1.2	1.5	1.4	0.6	4.0	3.0	3.0
Kentucky	1.6	NA	NA	3.9	4.7	2.4	0.4	NA	0.1	2.6	0.8
Louisiana	26.1	26.2	29.5	21.0	21.5	26.5	18.6	30.4	28.8	11.7	16.5
Maine	0.7	1.5	1.0	1.9	0.7	0.2	0.3	1.6	1.5	1.5	7.5
Maryland	235.9	229.7	264.6	196.2	390.3	240.2	299.6	304.2	302.2	352.4	107.5
Massachusetts	32.5	20.2	22.3	15.8	23.1	14.1	12.1	10.7	20.3	41.6	58.9
Michigan	3.0	9.1	21.7	4.5	3.7	6.3	5.0	3.0	5.9	5.9	17.6
Minnesota	2.1	2.5	3.0	17.2	5.1	6.3	2.6	3.5	7.2	3.7	7.5
Mississippi	50.8	41.6	42.2	31.9	36.5	32.8	38.8	47.6	26.8	20.7	31.0
Missouri	6.5	1.7	1.5	4.7	4.6	4.4	5.7	4.0	1.8	3.1	11.4
Montana	1.6	2.7	1.6	3.6	4.9	5.8	9.6	2.0	1.4	2.4	7.5
Nebraska	6.0	5.7	1.0	1.0	2.3	1.0	0.8	0.9	0.9	3.4	12.2
Nevada	57.7	59.7	50.2	26.9	38.5	16.1	1.0	2.9	14.7	6.2	14.6
New Hampshire	0.3	4.0	0.8	0.3	NA	0.6	2.3	0.3	0.5	4.1	2.6
New Jersey	30.0	39.0	53.2	45.3	34.9	26.7	29.9	32.1	30.8	46.4	39.2
New Mexico	175.5	164.7	181.4	152.6	133.8	77.5	124.8	113.9	99.8	122.2	159.7
New York	107.2	194.5	177.7	186.1	159.1	164.6	152.2	122.1	89.0	113.6	138.2
North Carolina	7.4	6.8	36.6	40.0	25.7	20.5	27.4	30.4	38.0	7.7	14.3
North Dakota	9.0	7.4	5.5	5.8	4.9	1.5	3.7	3.2	2.3	1.1	1.5
Ohio	115.4	122.2	64.1	128.1	147.5	67.5	49.7	91.2	108.1	68.7	84.4
Oklahoma	3.3	4.1	1.0	1.9	2.8	3.2	6.7	2.6	7.8	3.5	2.7
Oregon	3.3	1.8	13.8	6.5	5.2	8.1	5.9	3.2	8.9	4.0	16.2
Pennsylvania	89.5	52.0	95.7	72.2	35.4	51.3	40.8	17.9	28.0	63.3	39.9
Rhode Island	14.3	1.9	0.6	0.6	7.3	3.9	4.6	9.7	15.4	2.9	1.3

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(Dollars in millions)

State/location	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001
South Carolina	31.9	4.1	4.9	14.7	2.7	2.2	10.3	1.0	18.5	18.2	6.3
South Dakota	2.0	1.5	1.0	5.6	4.3	3.0	0.4	0.6	0.2	2.2	0.4
Tennessee	63.2	48.1	29.5	77.4	37.1	22.9	38.7	28.8	135.4	128.9	288.3
Texas	218.0	465.7	429.1	56.6	84.2	56.5	62.8	35.8	44.1	2,014.2	1,421.5
Utah	3.5	1.5	3.5	6.7	4.6	2.6	2.8	1.5	1.2	1.8	3.0
Vermont	0.8	NA	0.1	0.6	NA	2.2	0.5	0.1	0.5	2.1	0.3
Virginia	175.5	172.4	131.0	126.6	81.1	69.7	56.6	53.7	61.3	60.6	114.4
Washington	34.5	54.3	71.6	71.5	64.3	71.8	64.8	12.1	14.9	12.1	20.5
West Virginia	89.4	9.7	8.4	4.8	5.4	2.6	2.8	12.6	25.0	18.4	18.6
Wisconsin	13.0	10.2	8.0	24.6	9.6	3.0	2.0	1.1	3.2	10.5	11.5
Wyoming	0.7	1.8	0.6	1.8	1.5	0.5	0.6	0.7	0.3	0.9	0.3
Outlying areas	11.0	6.9	13.1	0.5	1.4	8.3	4.3	3.1	7.5	5.6	3.7
Puerto Rico	NA	NA	NA	0.4	0.3	0.3	0.4	2.2	1.3	3.2	1.5
Other areas ^a	NA	NA	NA	*	1.1	8.1	3.9	0.9	6.2	2.4	2.2
Offices abroad ^b	0.5	0.6	0.6	0.7	1.3	0.5	0.3	3.9	0.5	0.7	0.6

* = 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.

^a 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, Virgin Islands of the United States, and Wake Island.

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

NOTES: Because of rounding, detail may not add to total. Eleven agencies are required to report data for this section of survey: Departments of Agriculture, Commerce, Defense (DOD), Energy, Health and Human Services, Homeland Security, the Interior, and Transportation; Environmental Protection Agency; National Aeronautics and Space Administration (NASA); and National Science Foundation. Data for each year are obligations of these 11 agencies. These obligations represented over 98% of federal R&D plant obligations in FY 2010. Although 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 numerous subcontractors who perform most R&D. In FY 2000 NASA reclassified Space Station as physical asset, reclassified Space Station Research as equipment, and transferred funding for program from R&D to R&D plant.

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