

TABLE 128

Federal obligations for research and development for selected agencies, by state or location: FYs 2000–10

(Dollars in millions)

State or location	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
All locations	74,301.3	82,618.0	91,816.0	101,366.4	109,732.9	116,585.5	119,302.2	124,900.3	125,091.8	138,975.5	138,156.5
Alabama	1,670.1	2,456.8	2,734.8	3,211.8	3,035.5	3,108.2	2,198.2	2,247.6	2,782.2	3,023.3	3,476.9
Alaska	155.2	254.4	299.9	399.4	461.3	495.1	212.1	264.0	222.2	247.3	235.6
Arizona	1,151.9	1,881.0	2,279.2	2,385.4	2,643.7	2,958.8	2,459.6	2,422.4	2,449.2	3,141.5	3,425.6
Arkansas	116.3	183.9	141.3	145.4	146.7	165.0	161.8	177.7	145.3	171.2	181.8
California	14,819.4	13,001.7	19,198.5	20,169.6	19,259.4	19,964.3	26,897.6	26,987.2	19,938.7	26,988.8	27,226.9
Colorado	1,398.9	1,450.6	1,728.4	1,735.0	2,068.0	2,264.9	2,188.7	2,797.5	2,668.1	3,862.3	4,348.3
Connecticut	806.2	1,377.4	2,816.7	2,068.0	2,122.5	2,399.6	1,946.6	2,116.8	1,815.4	2,364.5	2,193.5
Delaware	69.9	83.5	80.6	95.4	89.7	94.2	112.7	130.6	144.3	225.2	129.1
District of Columbia	2,443.1	2,776.0	3,145.6	2,985.5	3,329.4	4,161.8	4,193.2	4,277.7	17,537.2	4,265.5	3,890.1
Florida	2,286.5	2,774.0	2,542.0	2,854.1	3,265.0	2,590.0	3,346.5	4,078.2	2,290.4	3,734.4	3,142.2
Georgia	2,654.0	3,438.3	2,229.0	2,133.0	1,906.5	2,181.8	1,750.8	1,686.2	1,386.0	1,957.6	1,520.0
Hawaii	234.3	435.7	428.3	413.9	488.2	600.3	380.3	379.2	347.8	387.5	389.4
Idaho	217.3	209.3	235.5	217.8	288.5	290.3	300.0	287.5	355.4	388.0	479.0
Illinois	1,496.8	1,825.1	1,728.6	1,934.7	1,880.1	2,127.8	2,003.5	2,145.1	2,168.5	2,745.5	2,631.3
Indiana	512.8	568.8	537.6	573.7	556.7	566.8	583.2	596.6	672.0	1,109.2	988.7
Iowa	275.6	361.5	463.4	499.5	538.3	487.7	548.7	662.4	634.9	683.2	909.1
Kansas	224.0	306.7	290.5	268.7	287.4	357.8	294.5	317.8	300.4	464.2	347.5
Kentucky	253.5	370.4	321.5	246.7	251.8	296.3	240.0	222.2	252.5	319.1	287.4
Louisiana	249.0	275.8	432.7	453.4	446.7	443.7	322.6	419.4	406.1	405.6	330.8
Maine	249.8	450.7	255.6	166.7	210.3	292.1	229.2	378.8	168.0	194.2	163.1
Maryland	8,778.5	9,473.7	7,420.0	8,027.3	12,608.6	12,500.8	12,746.6	11,905.8	13,312.7	15,970.5	15,879.0
Massachusetts	4,552.3	4,499.8	4,920.7	5,491.7	5,963.6	6,591.9	6,875.8	7,528.9	6,883.1	9,047.0	8,747.5
Michigan	1,005.0	1,196.4	1,254.1	1,693.1	1,117.8	1,177.0	1,700.3	1,726.1	1,866.5	2,427.4	2,509.7
Minnesota	797.3	900.9	1,152.8	866.2	831.3	768.3	1,241.6	1,386.8	1,393.0	1,550.6	1,062.6
Mississippi	413.8	415.7	627.7	1,181.0	1,598.7	438.2	554.9	433.9	435.2	384.6	421.6
Missouri	905.9	927.0	1,241.1	1,349.5	3,058.8	4,201.7	1,315.6	1,220.6	1,111.3	1,284.6	1,151.0
Montana	105.4	136.8	113.7	131.2	188.8	182.1	151.3	653.6	159.5	171.5	139.2
Nebraska	104.1	145.2	153.8	168.0	210.5	193.1	178.1	230.1	204.6	220.2	239.8
Nevada	273.3	360.2	342.5	418.9	555.0	593.3	436.2	321.1	312.6	558.2	379.8
New Hampshire	357.8	474.4	312.3	511.9	422.1	513.8	400.4	339.9	294.3	458.4	350.5
New Jersey	1,979.3	1,674.0	2,109.1	2,087.6	2,273.7	2,524.8	2,172.7	2,192.0	2,192.7	2,492.2	2,853.0
New Mexico	2,210.5	2,890.6	2,877.0	3,090.1	3,363.2	3,593.4	3,315.0	3,478.0	3,502.9	3,695.6	3,338.0
New York	2,989.7	3,528.3	3,820.6	4,382.5	4,505.3	5,320.1	5,368.2	5,367.6	4,651.2	6,242.0	5,602.2
North Carolina	1,062.5	1,400.9	1,393.0	1,617.3	1,683.6	1,806.1	1,771.4	1,828.4	1,772.6	2,021.8	2,151.2
North Dakota	64.1	77.9	104.7	107.3	108.6	117.9	117.9	115.8	98.3	101.2	119.6
Ohio	2,164.6	3,051.1	2,380.4	2,967.1	2,794.2	2,961.5	2,723.9	3,660.9	2,580.4	4,459.5	4,098.8
Oklahoma	232.2	324.0	276.1	570.2	498.5	400.7	271.1	253.2	260.8	370.0	429.6
Oregon	468.2	522.6	504.0	514.2	504.8	650.1	510.1	506.4	581.1	635.2	675.3
Pennsylvania	2,396.1	2,772.1	3,245.0	3,989.3	3,731.1	3,677.4	3,299.7	3,359.9	3,279.4	4,297.6	4,963.4
Rhode Island	418.0	437.5	501.5	565.6	642.1	888.8	622.5	627.8	643.7	679.5	669.8
South Carolina	249.9	314.3	371.0	454.0	384.3	492.7	373.8	421.7	453.0	661.6	662.2
South Dakota	38.8	54.9	58.7	54.8	70.0	70.0	75.9	61.9	76.4	79.3	75.0
Tennessee	824.3	1,039.5	1,157.2	1,130.6	1,382.0	1,426.0	1,489.1	1,907.9	1,689.9	2,081.4	2,104.8
Texas	3,021.0	3,189.4	3,553.9	5,414.4	5,506.7	5,187.0	5,914.7	6,692.8	5,029.6	6,031.1	6,896.1
Utah	306.0	421.6	457.9	803.4	1,183.7	1,058.2	845.8	991.3	699.9	1,168.5	1,708.9
Vermont	72.0	112.7	136.4	201.1	417.1	262.6	105.5	108.4	121.0	151.4	142.3
Virginia	4,961.5	4,995.7	6,175.9	6,709.2	7,298.3	8,746.5	8,994.3	9,088.2	9,282.2	9,381.3	9,111.7
Washington	1,345.6	1,725.3	2,023.3	2,442.2	2,311.3	2,641.2	4,087.1	4,751.1	4,339.5	4,156.7	3,915.5

TABLE 128

Federal obligations for research and development for selected agencies, by state or location: FYs 2000–10

(Dollars in millions)

State or location	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
West Virginia	235.7	376.1	254.2	383.4	315.7	807.5	301.4	219.1	224.6	262.6	312.8
Wisconsin	420.8	487.9	595.5	658.4	645.9	651.8	635.7	671.4	660.9	885.7	795.6
Wyoming	35.1	37.0	39.6	43.0	47.6	37.5	36.2	36.6	47.4	65.2	36.7
Outlying areas	117.9	142.6	288.2	323.3	135.0	160.6	161.2	178.4	160.3	237.2	263.2
Puerto Rico	81.0	90.8	135.3	112.2	100.9	101.4	98.8	85.9	84.9	96.1	94.8
Other areas ^a	36.9	51.8	152.9	211.1	34.1	59.2	62.4	92.5	75.4	141.1	168.4
Offices abroad ^b	109.1	30.3	64.4	60.9	99.4	96.5	138.0	39.9	86.8	67.8	54.0

^a Includes American 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.

Note(s):

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, Energy, Health and Human Services, Homeland Security, the Interior, and Transportation; the Environmental Protection Agency; the National Aeronautics and Space Administration; and the National Science Foundation. Obligations of these 11 agencies represented more than 97% of total federal R&D obligations in FY 2019. 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 Department of Defense development funding to industry reflects location of prime contractors and not the numerous subcontractors who perform much of the R&D. FYs 2009 and 2010 obligations include additional funding provided by the American Recovery and Reinvestment Act of 2009. See technical table A-2 for additional notes associated with the agencies listed in this table.

Source(s):

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