

TABLE 129. Federal obligations for research and development for selected agencies, by state and other locations: FY 1996–2004

(Dollars in millions)

State/location	1996	1997	1998	1999	2000	2001	2002	2003	2004
All locations	66,292.4	68,510.2	70,710.4	73,798.2	71,261.5	78,078.4	83,978.3	91,525.0	99,062.9
Alabama	2,178.8	2,213.7	2,013.3	1,807.0	1,614.9	2,333.4	2,704.8	2,932.9	2,806.2
Alaska	93.3	99.9	107.2	115.0	146.8	212.2	273.8	246.0	261.0
Arizona	706.7	732.1	993.5	1,116.9	1,121.7	1,781.5	2,057.3	1,856.8	2,216.3
Arkansas	148.2	95.3	97.4	106.4	116.3	183.9	141.3	139.7	141.3
California	12,658.1	13,730.9	12,222.6	15,600.1	14,083.0	12,651.1	15,686.1	17,410.3	18,041.1
Colorado	1,277.6	1,340.2	1,336.3	1,438.7	1,369.7	1,340.6	1,609.0	1,612.0	1,806.2
Connecticut	798.9	846.5	699.4	655.2	806.2	1,377.4	1,916.9	2,068.0	2,088.3
Delaware	64.9	49.0	45.2	52.3	69.9	70.2	78.8	91.4	85.4
District of Columbia	2,574.1	2,232.3	2,229.8	2,451.6	2,369.5	2,605.9	2,849.5	2,916.1	3,054.8
Florida	2,957.9	3,326.4	2,754.9	2,284.4	2,216.2	2,648.4	2,300.6	2,522.1	2,740.0
Georgia	4,137.8	3,919.9	3,443.9	2,023.2	2,632.2	3,395.9	2,019.2	1,514.3	1,308.4
Hawaii	147.6	150.7	164.5	198.8	209.7	293.1	375.2	349.6	392.6
Idaho	244.6	205.7	212.7	200.7	216.9	209.3	230.9	216.1	259.8
Illinois	1,094.3	1,140.2	1,160.1	1,316.1	1,404.6	1,693.9	1,693.9	1,900.3	1,836.5
Indiana	439.8	410.4	377.7	413.9	506.3	534.7	525.7	561.2	541.1
Iowa	213.4	228.2	235.8	264.1	267.0	324.3	404.5	465.2	477.9
Kansas	212.0	255.5	154.8	191.6	223.5	306.7	290.5	190.0	210.0
Kentucky	78.6	91.3	216.7	146.8	203.9	271.7	321.3	232.1	237.3
Louisiana	228.7	211.0	223.6	219.2	249.0	275.8	432.0	441.9	419.4
Maine	56.7	68.7	105.7	150.6	249.8	450.7	254.5	144.9	188.4
Maryland	6,730.7	7,328.8	7,966.8	8,094.4	8,684.8	9,290.4	7,192.2	7,804.4	12,163.0
Massachusetts	3,192.1	3,437.5	3,113.8	3,129.4	4,145.5	4,318.1	4,658.6	5,156.5	5,324.8
Michigan	707.9	735.1	755.9	839.8	975.1	1,175.7	1,244.2	1,673.2	1,073.0
Minnesota	679.5	609.4	806.1	885.1	781.1	900.9	1,150.8	861.3	826.4
Mississippi	250.6	289.8	280.4	351.6	394.6	402.1	622.7	1,173.9	1,593.7
Missouri	1,267.8	1,130.1	933.7	928.7	890.6	909.4	1,202.7	1,269.9	2,979.3
Montana	63.0	79.3	81.1	95.4	95.0	136.8	112.9	129.5	187.2
Nebraska	88.5	83.0	85.0	94.1	98.5	125.2	144.7	146.3	155.3
Nevada	253.2	295.0	294.7	279.1	263.9	295.4	336.0	409.3	510.2
New Hampshire	268.5	278.7	269.5	291.7	356.9	418.6	296.6	363.1	354.0
New Jersey	1,272.6	1,318.8	1,459.6	2,661.2	1,937.8	1,591.9	2,021.5	1,785.8	1,968.8
New Mexico	1,955.0	1,933.1	1,892.1	2,068.3	2,130.5	2,580.7	2,746.1	2,850.1	3,069.2
New York	2,504.9	2,471.0	2,560.5	2,689.0	2,927.5	3,336.2	3,746.8	3,972.9	4,034.1
North Carolina	821.5	900.3	922.7	1,007.5	1,062.5	1,400.9	1,390.4	1,610.9	1,677.0
North Dakota	46.2	53.0	52.1	59.9	64.1	77.9	102.1	101.8	103.0
Ohio	1,681.7	1,879.8	5,563.0	3,687.9	1,799.1	2,327.0	2,103.4	2,396.0	2,505.5
Oklahoma	138.3	160.4	176.2	165.8	185.1	225.8	271.6	274.3	304.0
Oregon	308.2	319.6	348.6	408.1	468.2	522.6	502.3	480.2	448.8
Pennsylvania	1,921.2	1,893.7	1,886.5	1,907.1	2,357.6	2,601.6	3,162.0	3,787.9	3,282.4
Rhode Island	583.2	403.8	385.8	391.7	418.0	437.5	501.3	523.3	495.3
South Carolina	186.7	166.6	188.7	215.9	249.0	314.3	371.0	411.7	373.3
South Dakota	35.0	42.0	46.0	39.0	38.8	54.9	58.7	54.8	70.0
Tennessee	558.6	566.2	621.2	684.7	734.4	844.7	961.1	1,039.3	1,063.4
Texas	3,493.5	3,640.2	4,112.5	3,853.3	2,671.8	2,925.4	3,374.4	4,757.0	5,026.0
Utah	351.7	319.9	393.4	305.0	286.0	395.1	408.7	650.2	682.1
Vermont	47.1	49.9	57.7	61.7	72.0	112.7	136.4	181.9	211.7
Virginia	4,576.3	4,849.8	4,671.2	5,750.4	4,848.0	4,809.9	5,756.3	6,212.9	6,191.5
Washington	1,152.9	1,226.2	1,246.9	1,306.8	1,329.5	1,544.6	1,998.9	2,292.1	2,070.9
West Virginia	254.4	193.1	243.3	227.0	235.7	352.8	254.2	367.4	288.7
Wisconsin	331.4	332.2	333.0	377.8	420.8	487.9	594.8	657.2	644.6
Wyoming	37.5	28.4	33.5	35.2	35.1	37.0	39.6	41.1	45.7

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(Dollars in millions)

State/location	1996	1997	1998	1999	2000	2001	2002	2003	2004
Outlying areas	172.6	93.3	115.7	133.1	117.9	133.3	284.7	216.9	128.8
Puerto Rico	51.6	58.9	65.7	72.7	81.0	90.8	135.3	112.2	100.9
Other areas	121.0	34.3	50.0	60.4	36.9	42.5	149.4	104.7	27.9
Offices abroad	48.5	54.6	18.2	19.8	109.1	30.3	64.4	60.9	99.4

NOTES: Because of rounding, detail may not add to total. Only 11 agencies are required to report data for this section of survey: Departments of Agriculture, Commerce, Defense, Energy, Health and Human Services, Homeland Security, Interior, and Transportation; Environmental Protection Agency; National Aeronautics and Space Administration; and National Science Foundation. Obligations of these 11 agencies represented 96% or more of the total federal R&D obligations in that year. 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.

In FY 2000, National Aeronautics and Space Administration reclassified Space Station as a physical asset, reclassified Space Station Research as equipment, and transferred funding for the program from R&D to R&D plant; and National Institutes of Health reclassified all of its development activities as research.

SOURCE: National Science Foundation/Division of Science Resources Statistics, Survey of Federal Funds for Research and Development: FY 2004, 2005, and 2006.