

TABLE 139. Federal obligations for research and development for selected agencies, by state or location: FYs 1994–2004

(Dollars in millions)

| State or location | 1994 | 1995 | 1996 | 1997 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 |
|----------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|-----------|-----------|
| All locations | 65,820.1 | 66,700.1 | 66,292.4 | 68,510.2 | 70,710.4 | 73,798.2 | 74,301.3 | 82,618.0 | 91,816.0 | 101,366.4 | 109,732.9 |
| Alabama | 1,819.2 | 1,931.3 | 2,178.8 | 2,213.7 | 2,013.3 | 1,807.0 | 1,670.1 | 2,456.8 | 2,734.8 | 3,211.8 | 3,035.5 |
| Alaska | 157.3 | 96.9 | 93.3 | 99.9 | 107.2 | 115.0 | 155.2 | 254.4 | 299.9 | 399.4 | 461.3 |
| Arizona | 800.2 | 902.3 | 706.7 | 732.1 | 993.5 | 1,116.9 | 1,151.9 | 1,881.0 | 2,279.2 | 2,385.4 | 2,643.7 |
| Arkansas | 88.9 | 97.7 | 148.2 | 95.3 | 97.4 | 106.4 | 116.3 | 183.9 | 141.3 | 145.4 | 146.7 |
| California | 11,250.6 | 12,600.2 | 12,658.1 | 13,730.9 | 12,222.6 | 15,600.1 | 14,819.4 | 13,001.7 | 19,198.5 | 20,169.6 | 19,259.4 |
| Colorado | 1,356.4 | 1,049.2 | 1,277.6 | 1,340.2 | 1,336.3 | 1,438.7 | 1,398.9 | 1,450.6 | 1,728.4 | 1,735.0 | 2,068.0 |
| Connecticut | 733.5 | 900.7 | 798.9 | 846.5 | 699.4 | 655.2 | 806.2 | 1,377.4 | 2,816.7 | 2,068.0 | 2,122.5 |
| Delaware | 50.4 | 57.7 | 64.9 | 49.0 | 45.2 | 52.3 | 69.9 | 83.5 | 80.6 | 95.4 | 89.7 |
| District of Columbia | 2,483.6 | 2,755.4 | 2,574.1 | 2,232.3 | 2,229.8 | 2,451.6 | 2,443.1 | 2,776.0 | 3,145.6 | 2,985.5 | 3,329.4 |
| Florida | 2,906.7 | 2,391.8 | 2,957.9 | 3,326.4 | 2,754.9 | 2,284.4 | 2,286.5 | 2,774.0 | 2,542.0 | 2,854.1 | 3,265.0 |
| Georgia | 5,546.4 | 4,366.0 | 4,137.8 | 3,919.9 | 3,443.9 | 2,023.2 | 2,654.0 | 3,438.3 | 2,229.0 | 2,133.0 | 1,906.5 |
| Hawaii | 140.3 | 139.3 | 147.6 | 150.7 | 164.5 | 198.8 | 234.3 | 435.7 | 428.3 | 413.9 | 488.2 |
| Idaho | 227.8 | 211.0 | 244.6 | 205.7 | 212.7 | 200.7 | 217.3 | 209.3 | 235.5 | 217.8 | 288.5 |
| Illinois | 1,088.6 | 1,107.4 | 1,094.3 | 1,140.2 | 1,160.1 | 1,316.1 | 1,496.8 | 1,825.1 | 1,728.6 | 1,934.7 | 1,880.1 |
| Indiana | 403.6 | 426.3 | 439.8 | 410.4 | 377.7 | 413.9 | 512.8 | 568.8 | 537.6 | 573.7 | 556.7 |
| Iowa | 223.8 | 212.1 | 213.4 | 228.2 | 235.8 | 264.1 | 275.6 | 361.5 | 463.4 | 499.5 | 538.3 |
| Kansas | 84.8 | 120.4 | 212.0 | 255.5 | 154.8 | 191.6 | 224.0 | 306.7 | 290.5 | 268.7 | 287.4 |
| Kentucky | 90.1 | 73.1 | 78.6 | 91.3 | 216.7 | 146.8 | 253.5 | 370.4 | 321.5 | 246.7 | 251.8 |
| Louisiana | 210.5 | 170.1 | 228.7 | 211.0 | 223.6 | 219.2 | 249.0 | 275.8 | 432.7 | 453.4 | 446.7 |
| Maine | 82.1 | 53.1 | 56.7 | 68.7 | 105.7 | 150.6 | 249.8 | 450.7 | 255.6 | 166.7 | 210.3 |
| Maryland | 6,659.5 | 7,343.7 | 6,730.7 | 7,328.8 | 7,966.8 | 8,094.4 | 8,778.5 | 9,473.7 | 7,420.0 | 8,027.3 | 12,608.6 |
| Massachusetts | 3,201.8 | 3,337.8 | 3,192.1 | 3,437.5 | 3,113.8 | 3,129.4 | 4,552.3 | 4,499.8 | 4,920.7 | 5,491.7 | 5,963.6 |
| Michigan | 771.0 | 683.2 | 707.9 | 735.1 | 755.9 | 839.8 | 1,005.0 | 1,196.4 | 1,254.1 | 1,693.1 | 1,117.8 |
| Minnesota | 475.1 | 570.2 | 679.5 | 609.4 | 806.1 | 885.1 | 797.3 | 900.9 | 1,152.8 | 866.2 | 831.3 |
| Mississippi | 255.9 | 209.7 | 250.6 | 289.8 | 280.4 | 351.6 | 413.8 | 415.7 | 627.7 | 1,181.0 | 1,598.7 |
| Missouri | 2,272.6 | 1,606.2 | 1,267.8 | 1,130.1 | 933.7 | 928.7 | 905.9 | 927.0 | 1,241.1 | 1,349.5 | 3,058.8 |
| Montana | 57.0 | 63.8 | 63.0 | 79.3 | 81.1 | 95.4 | 105.4 | 136.8 | 113.7 | 131.2 | 188.8 |
| Nebraska | 86.5 | 84.7 | 88.5 | 83.0 | 85.0 | 94.1 | 104.1 | 145.2 | 153.8 | 168.0 | 210.5 |
| Nevada | 347.7 | 368.9 | 253.2 | 295.0 | 294.7 | 279.1 | 273.3 | 360.2 | 342.5 | 418.9 | 555.0 |
| New Hampshire | 218.9 | 213.2 | 268.5 | 278.7 | 269.5 | 291.7 | 357.8 | 474.4 | 312.3 | 511.9 | 422.1 |
| New Jersey | 1,385.7 | 1,297.7 | 1,272.6 | 1,318.8 | 1,459.6 | 2,661.2 | 1,979.3 | 1,674.0 | 2,109.1 | 2,087.6 | 2,273.7 |
| New Mexico | 1,894.1 | 1,959.9 | 1,955.0 | 1,933.1 | 1,892.1 | 2,068.3 | 2,210.5 | 2,890.6 | 2,877.0 | 3,090.1 | 3,363.2 |
| New York | 2,678.7 | 2,585.9 | 2,504.9 | 2,471.0 | 2,560.5 | 2,689.0 | 2,989.7 | 3,528.3 | 3,820.6 | 4,382.5 | 4,505.3 |
| North Carolina | 734.3 | 831.6 | 821.5 | 900.3 | 922.7 | 1,007.5 | 1,062.5 | 1,400.9 | 1,393.0 | 1,617.3 | 1,683.6 |
| North Dakota | 49.6 | 47.4 | 46.2 | 53.0 | 52.1 | 59.9 | 64.1 | 77.9 | 104.7 | 107.3 | 108.6 |
| Ohio | 1,736.4 | 1,810.0 | 1,681.7 | 1,879.8 | 5,563.0 | 3,687.9 | 2,164.6 | 3,051.1 | 2,380.4 | 2,967.1 | 2,794.2 |
| Oklahoma | 142.1 | 158.7 | 138.3 | 160.4 | 176.2 | 165.8 | 232.2 | 324.0 | 276.1 | 570.2 | 498.5 |
| Oregon | 279.2 | 283.4 | 308.2 | 319.6 | 348.6 | 408.1 | 468.2 | 522.6 | 504.0 | 514.2 | 504.8 |
| Pennsylvania | 1,983.4 | 2,394.2 | 1,921.2 | 1,893.7 | 1,886.5 | 1,907.1 | 2,396.1 | 2,772.1 | 3,245.0 | 3,989.3 | 3,731.1 |

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(Dollars in millions)

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|-----------------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Rhode Island | 433.8 | 514.6 | 583.2 | 403.8 | 385.8 | 391.7 | 418.0 | 437.5 | 501.5 | 565.6 | 642.1 |
| South Carolina | 198.5 | 173.2 | 186.7 | 166.6 | 188.7 | 215.9 | 249.9 | 314.3 | 371.0 | 454.0 | 384.3 |
| South Dakota | 26.5 | 26.5 | 35.0 | 42.0 | 46.0 | 39.0 | 38.8 | 54.9 | 58.7 | 54.8 | 70.0 |
| Tennessee | 671.3 | 582.5 | 558.6 | 566.2 | 621.2 | 684.7 | 824.3 | 1,039.5 | 1,157.2 | 1,130.6 | 1,382.0 |
| Texas | 3,654.3 | 4,068.9 | 3,493.5 | 3,640.2 | 4,112.5 | 3,853.3 | 3,021.0 | 3,189.4 | 3,553.9 | 5,414.4 | 5,506.7 |
| Utah | 324.9 | 368.8 | 351.7 | 319.9 | 393.4 | 305.0 | 306.0 | 421.6 | 457.9 | 803.4 | 1,183.7 |
| Vermont | 48.5 | 53.0 | 47.1 | 49.9 | 57.7 | 61.7 | 72.0 | 112.7 | 136.4 | 201.1 | 417.1 |
| Virginia | 3,726.9 | 3,392.2 | 4,576.3 | 4,849.8 | 4,671.2 | 5,750.4 | 4,961.5 | 4,995.7 | 6,175.9 | 6,709.2 | 7,298.3 |
| Washington | 963.8 | 1,131.6 | 1,152.9 | 1,226.2 | 1,246.9 | 1,306.8 | 1,345.6 | 1,725.3 | 2,023.3 | 2,442.2 | 2,311.3 |
| West Virginia | 212.9 | 287.9 | 254.4 | 193.1 | 243.3 | 227.0 | 235.7 | 376.1 | 254.2 | 383.4 | 315.7 |
| Wisconsin | 358.3 | 338.5 | 331.4 | 332.2 | 333.0 | 377.8 | 420.8 | 487.9 | 595.5 | 658.4 | 645.9 |
| Wyoming | 36.8 | 35.4 | 37.5 | 28.4 | 33.5 | 35.2 | 35.1 | 37.0 | 39.6 | 43.0 | 47.6 |
| Outlying areas | 166.3 | 166.5 | 172.6 | 93.2 | 115.7 | 133.1 | 117.9 | 142.6 | 288.2 | 323.3 | 135.0 |
| Puerto Rico | 50.5 | 46.7 | 51.6 | 58.9 | 65.7 | 72.7 | 81.0 | 90.8 | 135.3 | 112.2 | 100.9 |
| Other areas ^a | 115.8 | 119.8 | 121.0 | 34.3 | 50.0 | 60.4 | 36.9 | 51.8 | 152.9 | 211.1 | 34.1 |
| Offices abroad ^b | 23.1 | 48.0 | 48.5 | 54.6 | 18.2 | 19.8 | 109.1 | 30.3 | 64.4 | 60.9 | 99.4 |

^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; the National Aeronautics and Space Administration (NASA); and the National Science Foundation. These obligations represented over 98% of the total federal R&D 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 2000, NASA reclassified the International Space Station (ISS) as a physical asset, reclassified ISS Research as equipment, and transferred funding for the program from R&D to R&D plant; the National Institutes of Health reclassified all its development activities as research. In FY 2003, the Substance Abuse and Mental Health Services Administration reclassified some of its funding categories as non-R&D that were considered R&D in prior years.

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