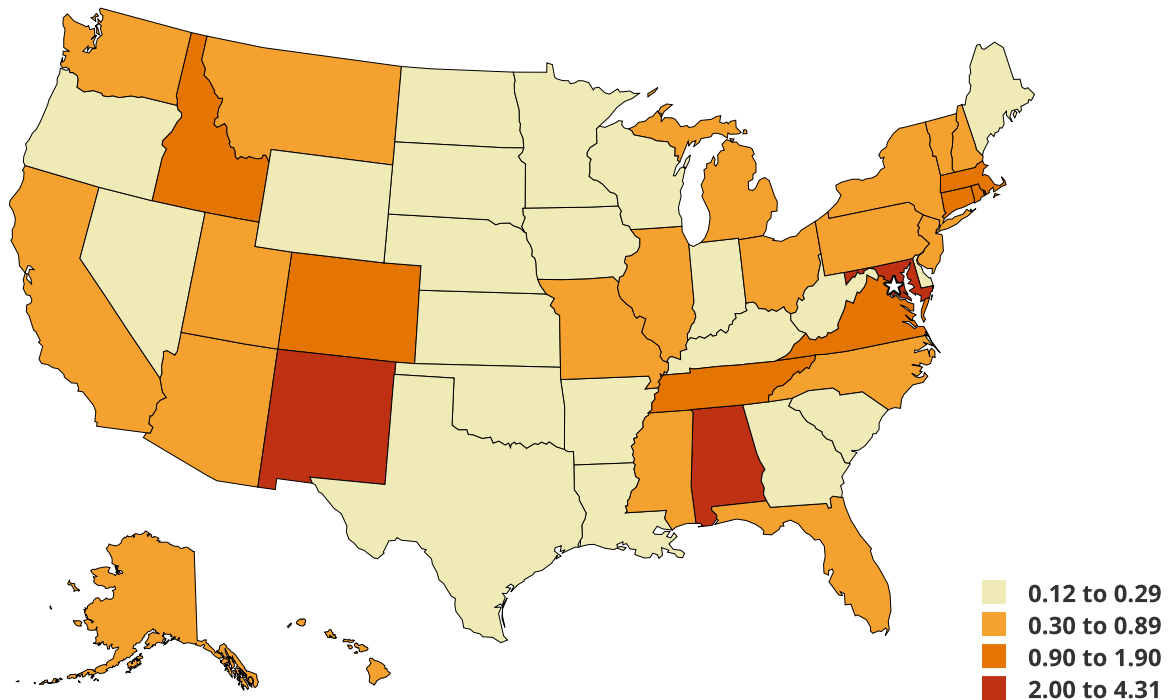


Figure 3

Ratio of federal obligations for research and experimental development to state gross domestic product, by state: FY 2019



GDP = gross domestic product.

Note(s):

Federal R&D intensity is the ratio of federal R&D obligations to state gross domestic product. Eleven 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; and the National Science Foundation. Obligations of these 11 agencies represented more than 97% of total federal R&D obligations in FY 2019. 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.

Source(s):

National Center for Science and Engineering Statistics, Survey of Federal Funds for Research and Development, FYs 2019–20, See data table 89. State GDP data are from the Bureau of Economic Analysis, <http://www.bea.gov/regional/index.htm>, accessed 3 November 2021.