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):**