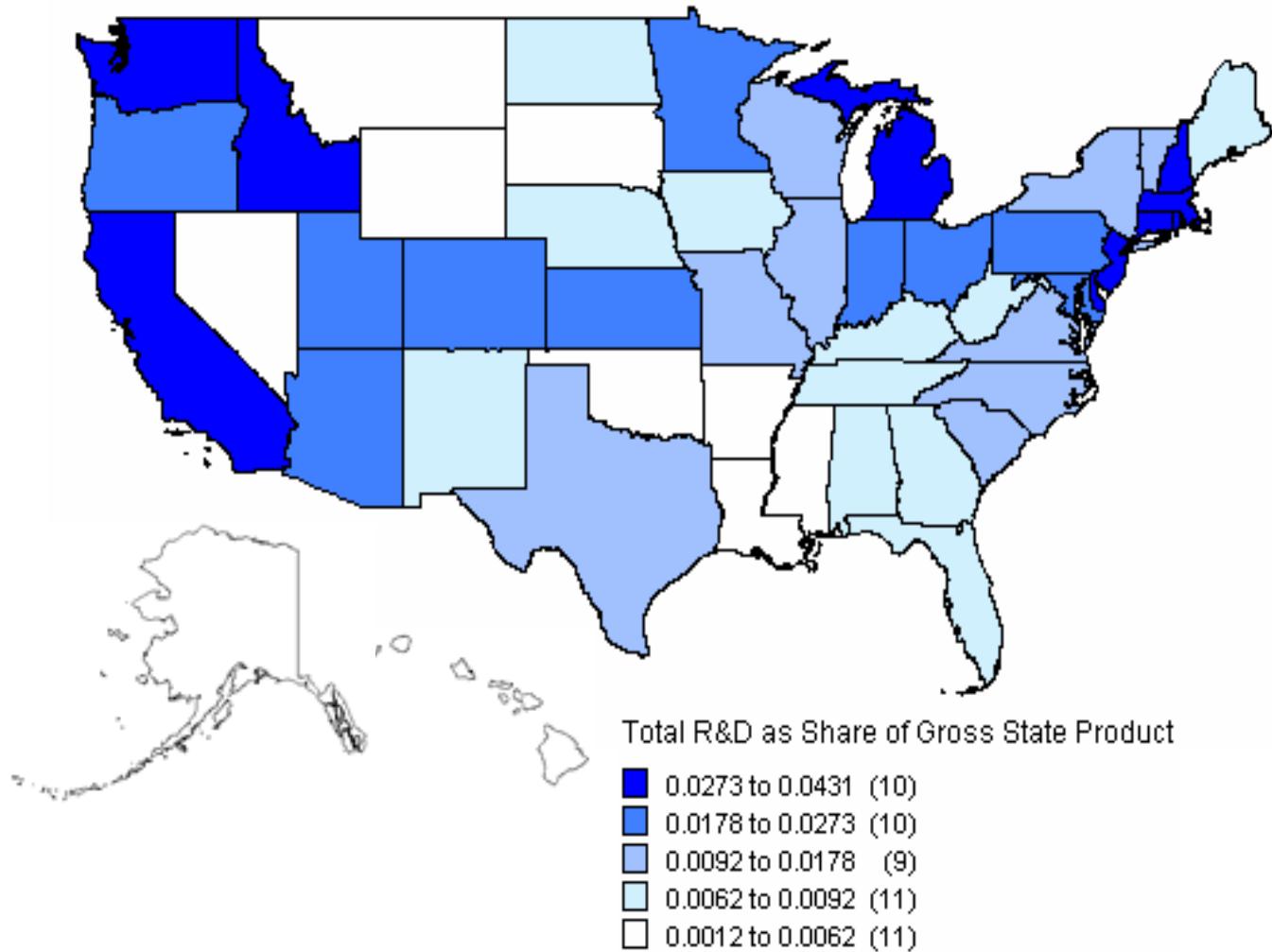


IN SHORT

R&D Intensity Across U.S. States

There is a tremendous amount of geographic variation in Research and Development (R&D) intensity in the United States. The map below shows the variation across U.S. states in a common measure of R&D intensity – Total (federal, industry, and other) R&D spending as a share of Gross State Product. The most R&D intensive states tend to be located in the west – California, Washington, and Idaho – and the Northeast. The geographic variation in R&D is driven in large part by variation in industry composition. For example, the very R&D-intensive pharmaceutical industry is heavily concentrated in New Jersey, while non-R&D-intensive industries like natural resources dominate in states such as Nevada, Wyoming, and Louisiana. Similarly, the R&D-intensive western states have a high concentration of the R&D-intensive sectors of IT hardware and software and also aerospace.



Source: National Science Foundation and Bureau of Economic Analysis
December 2006