

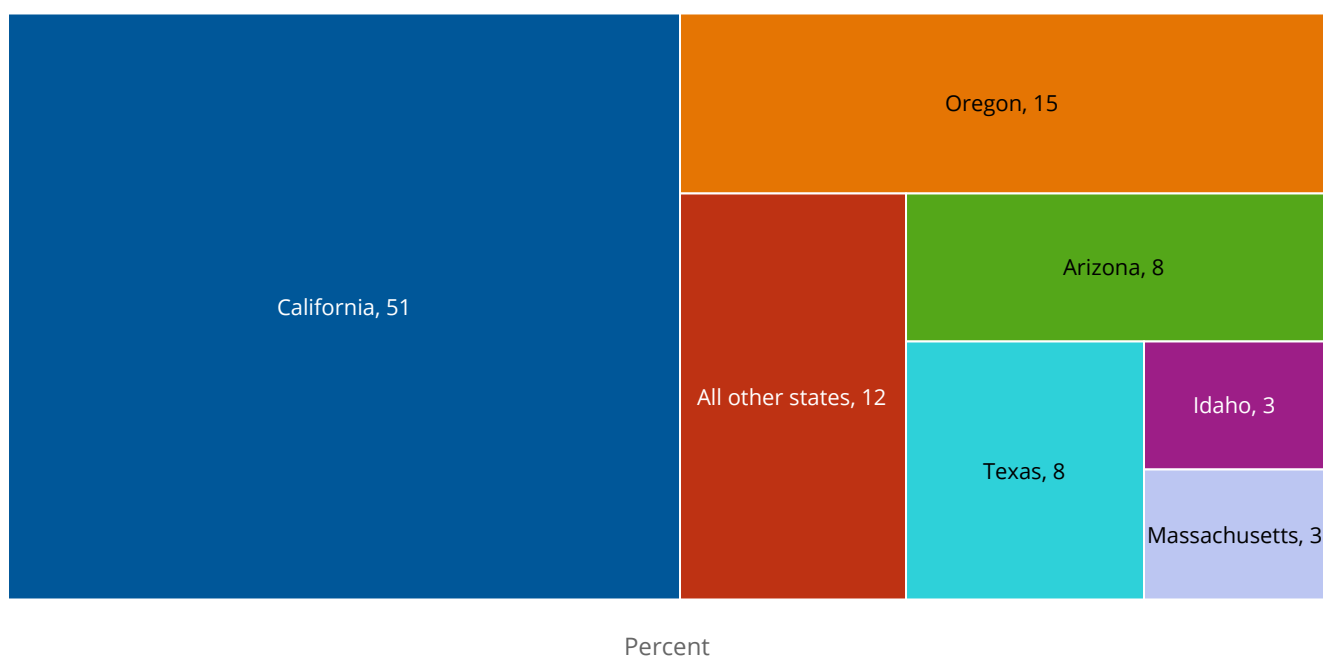


InfoChart

Six States Perform Around 90% of Semiconductor Business R&D, Led by California

NSF 24-329 | July 2024 | *Francisco Moris and Alexander Rhodes*

Figure 1 | Company-funded domestic R&D performance by semiconductor and other electronic components manufacturing industry, by selected states: 2021



Note(s): Data are for domestic R&D paid for and performed by companies with 10 or more domestic employees that performed or funded \$50,000 or more of R&D. Detail may not add to total because of rounding. Industry classification is based on the dominant business code for domestic R&D performance.

Source(s): National Center for Science and Engineering Statistics and Census Bureau, Business Enterprise Research and Development Survey, 2021. Available at <https://nces.nsf.gov/surveys/business-enterprise-research-development/2021#data>.

U.S. research and development (R&D) performed by the semiconductor and other electronic components manufacturing industry (NAICS 3344) reached \$47.4 billion in 2021, an increase of 9.8% from 2020 in current dollars (see [NSB-2024-6](#) for definitions and historical data). Of this amount, \$45.5 billion was R&D paid for and performed by the company. California performed by far the most company-funded U.S. semiconductor business R&D among states at \$23 billion, or 51% of total. The next five states, which include Oregon, Arizona, and Texas, had a combined share of 38%. For related regional production data by computer manufacturing and other knowledge- and technology-intensive (KTI) industries, see the sidebar [Geography of Domestic KTI Production](#) in [NSB-2024-7](#).

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