



Developing a Regional R&D Satellite Account

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This paper represents the views of the presenter and not necessarily those of NCSES.

National Center for Science and Engineering Statistics

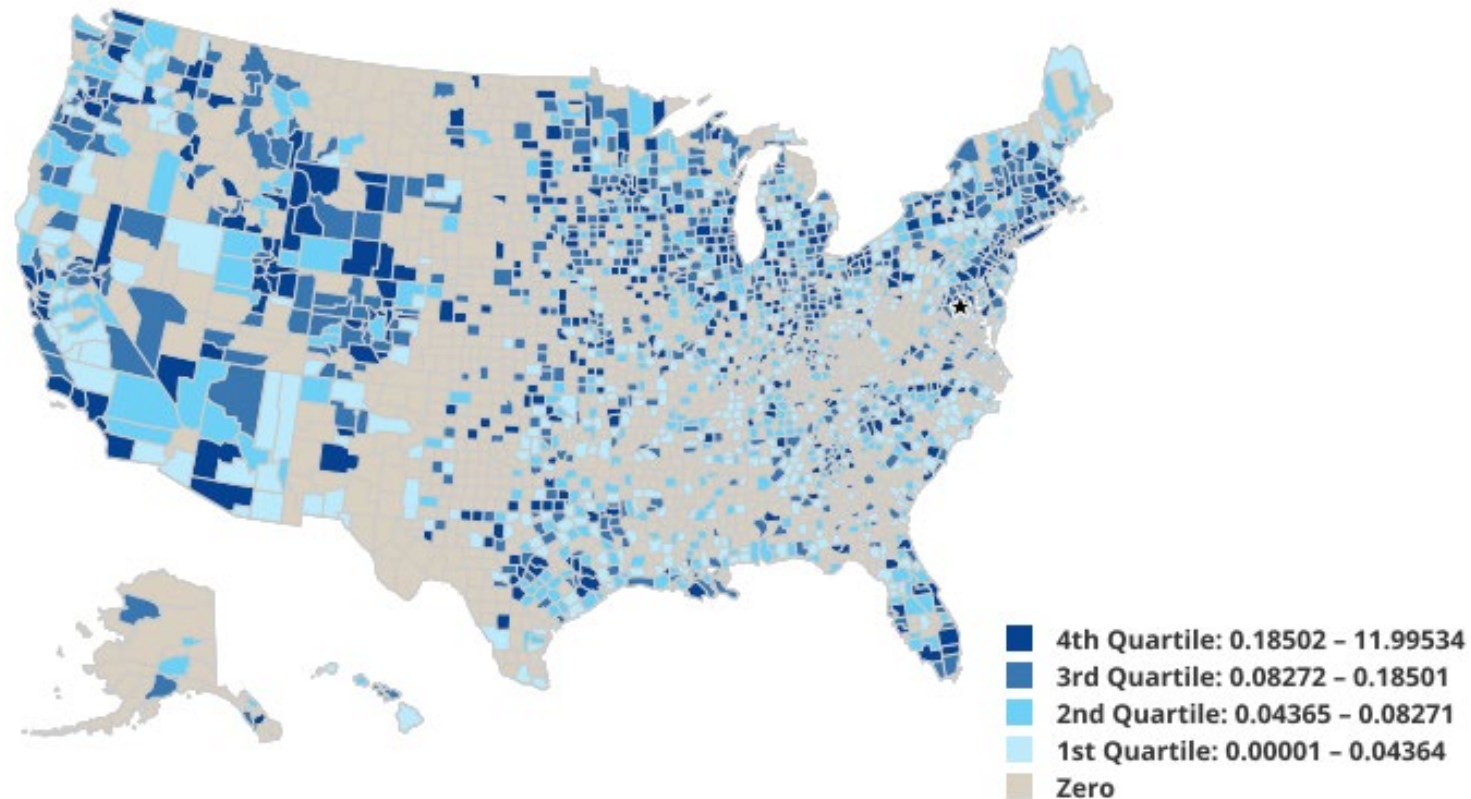
Social, Behavioral and Economic Sciences

National Science Foundation

Contributions of this project

- A relevant and exciting step forward for BEA Regional Accounts
- Address a critical data gap: Geography of Innovation
- Policy relevance for state-level activity and for targeting federal programs

USPTO utility patents granted to U.S. owners per 1,000 residents, by U.S. county: 2020

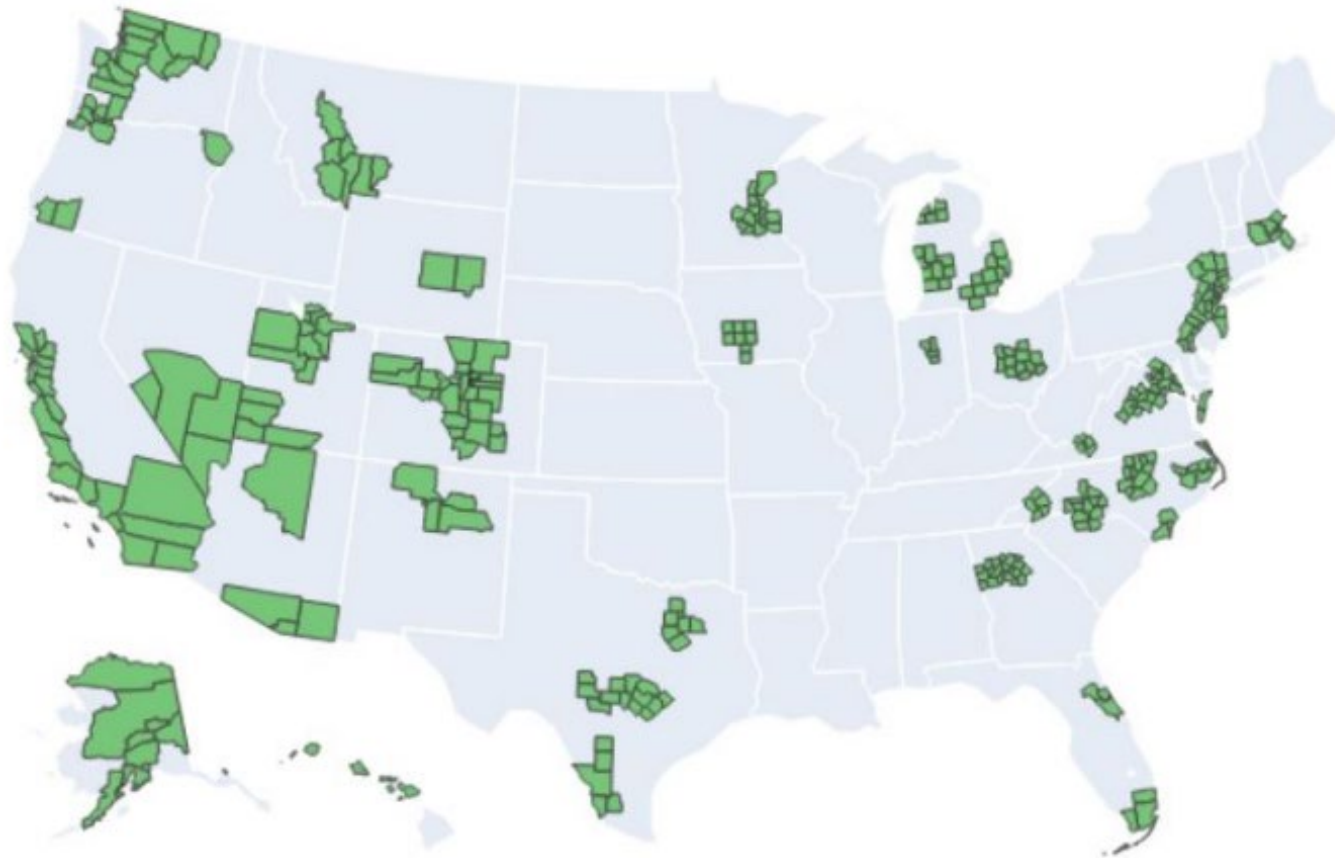


USPTO = U.S. Patent and Trademark Office.

Source: Based on USPTO patent data and U.S. Census Bureau population data

National Science Board, National Science Foundation. 2022. Invention, Knowledge Transfer, and Innovation. *Science and Engineering Indicators 2022*. NSB-2022-4. Alexandria, VA. Available at <https://nces.nsf.gov/pubs/nsb20224/>.

Top 50 new-to-market innovation commuting zones



Source: Wojan TR; National Center for Science and Engineering Statistics (NCSES). 2022. The Geography of Self-Reported Innovation: Results from the 2017 Annual Business Survey. Working Paper NCSES 22-206. Alexandria, VA: National Science Foundation. Available at <https://nces.nsf.gov/pubs/ncses22206>.

Proposed Data Presentation

	2012	2013	2014	2015	2016	2017	2018	2019	2020
Research and development									
Business									
Manufacturing									
Pharmaceutical and medicine manufacturing									
Chemical manufacturing, excluding pharmaceutical and medicine									
Semiconductor and other electronic component manufacturing									
Other computer and electronic product manufacturing									
Motor vehicles, bodies and trailers, and parts manufacturing									
Aerospace products and parts manufacturing									
Other manufacturing									
Nonmanufacturing									
Scientific research and development services									
Software publishers									
Financial and real estate services									
Computer systems design and related services									
Other nonmanufacturing									
Nonprofit institutions serving households									
Universities and colleges									
Other nonprofit institutions									
Government									
Federal									
National defense									
Nondefense									
State and local									



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