

Becker Friedman Institute for Economics (BFI), University of Chicago Healthcare Employment Geography Dashboard

About the project:

The Becker Friedman Institute for Economics (BFI) is the University of Chicago's economic hub for data-driven insights that inform policy. The BFI's paper, *The Rise of Healthcare Jobs*, documents key trends that have driven healthcare employment's rapid growth in the United States since 1980.

To expand the paper's reach, BFI collaborated with the University of Chicago's Data Science Clinic to create an interactive dashboard, using the paper's dataset and additional government demographic data. This dashboard is key in making the paper's findings easily accessible for researchers, policymakers, and the general public to understand healthcare employment growth across the United States.

Dashboard Features:

The team developed a dashboard with two main features: a guided tour and a free roam page.

Figure 1: Healthcare Growth vs. Manufacturing Decline (1980-2022)

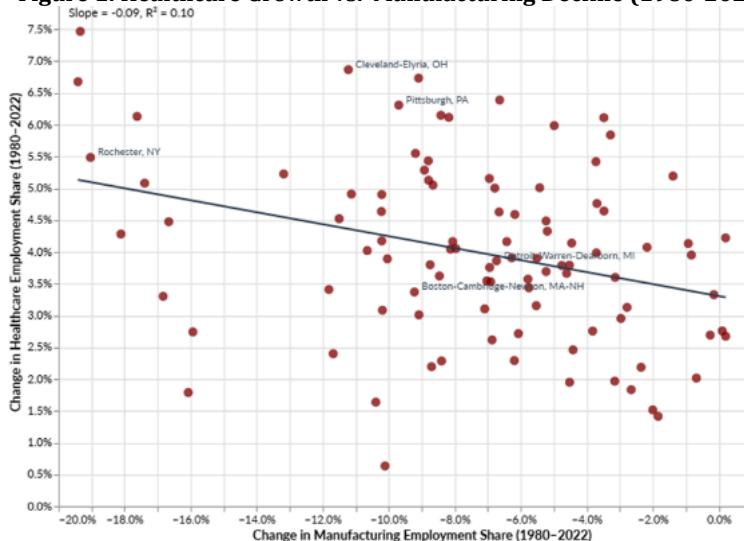
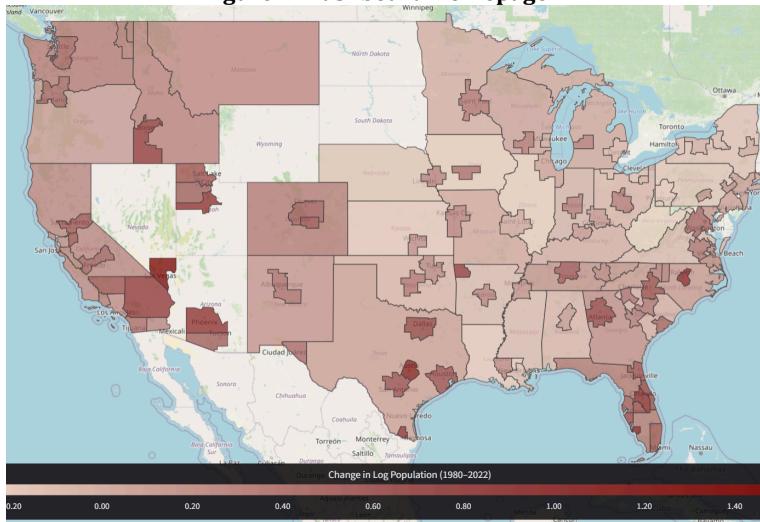


Figure 2: Dashboard Homepage



Guided Tour:

Curated charts that illustrate key patterns discussed in the paper, such as healthcare employment's relationship to manufacturing decline across regions (**Figure 1**). From the figure, we see that healthcare growth has a weak statistical relationship with manufacturing jobs.

Free Roam:

Users have full control to interact with all the data (**Figure 2**). Users can explore 130 regions and compare trends across them. Using dropdown menus, users can also customize graphs of socioeconomic conditions to explore the relationships between them.