

Analysis of Per Capita Income Growth In Tennessee (2000-2021)

Albert HU

Motivation

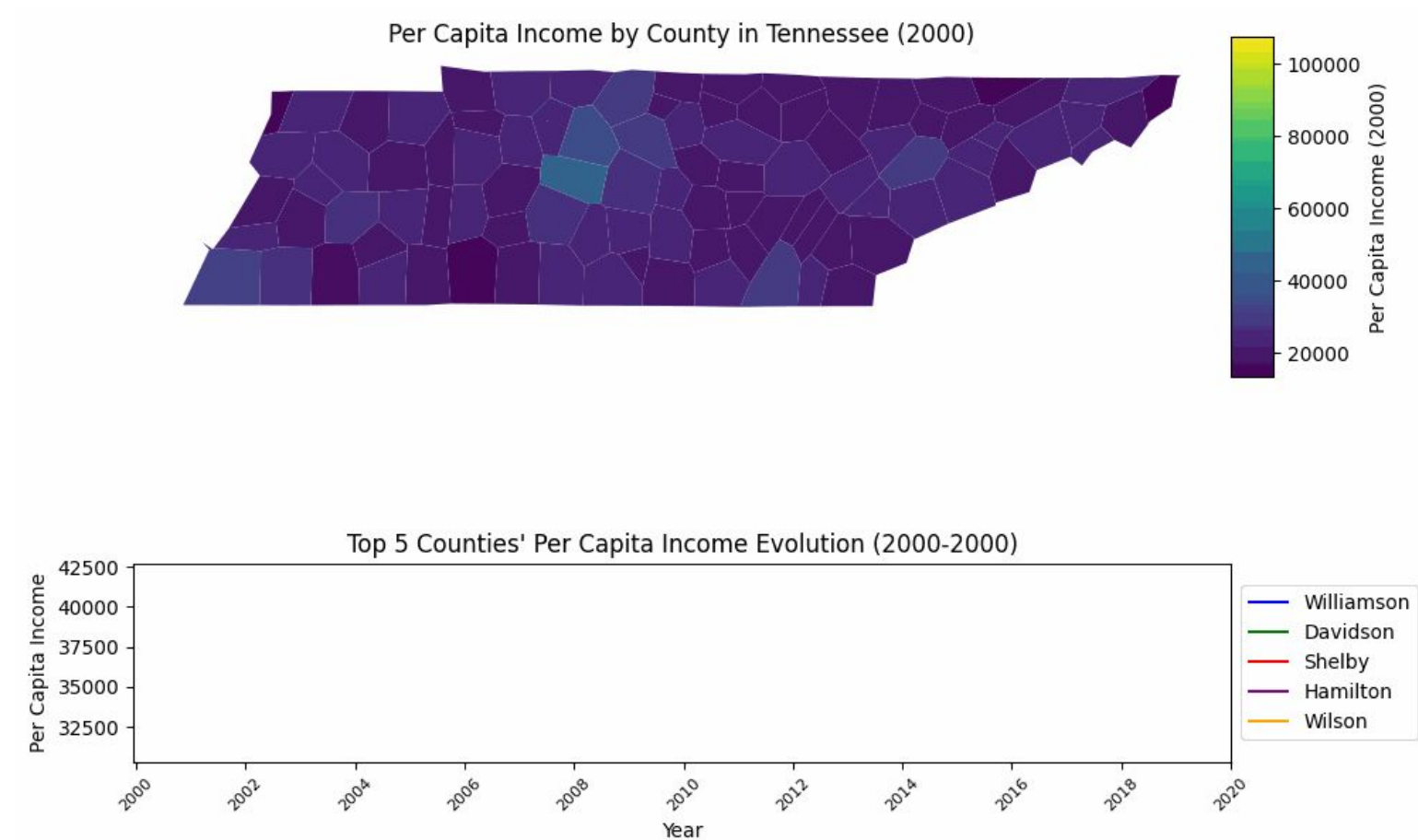
- Understanding economic growth patterns is pivotal.
- 1. How has the per capita income growth in Tennessee counties evolved over the past two decades?
- 2. How does this growth in Tennessee compare to the national average?

Data

STATE	COUNTY	COUNTY	NAME	NAMESA	...	2016	2017	2018	2019	2020	2021	GEOID	geometry
47	065	01639749	Hamilton	Hamilton County	...	48383.0	50148.0	52181.0	54475.0	56545	60089	47065	POLYGON ((... ..
47	115	01639770	Marion	Marion County	...	36890.0	38074.0	38934.0	40301.0	43088	46559	47115	POLYGON ((... ..
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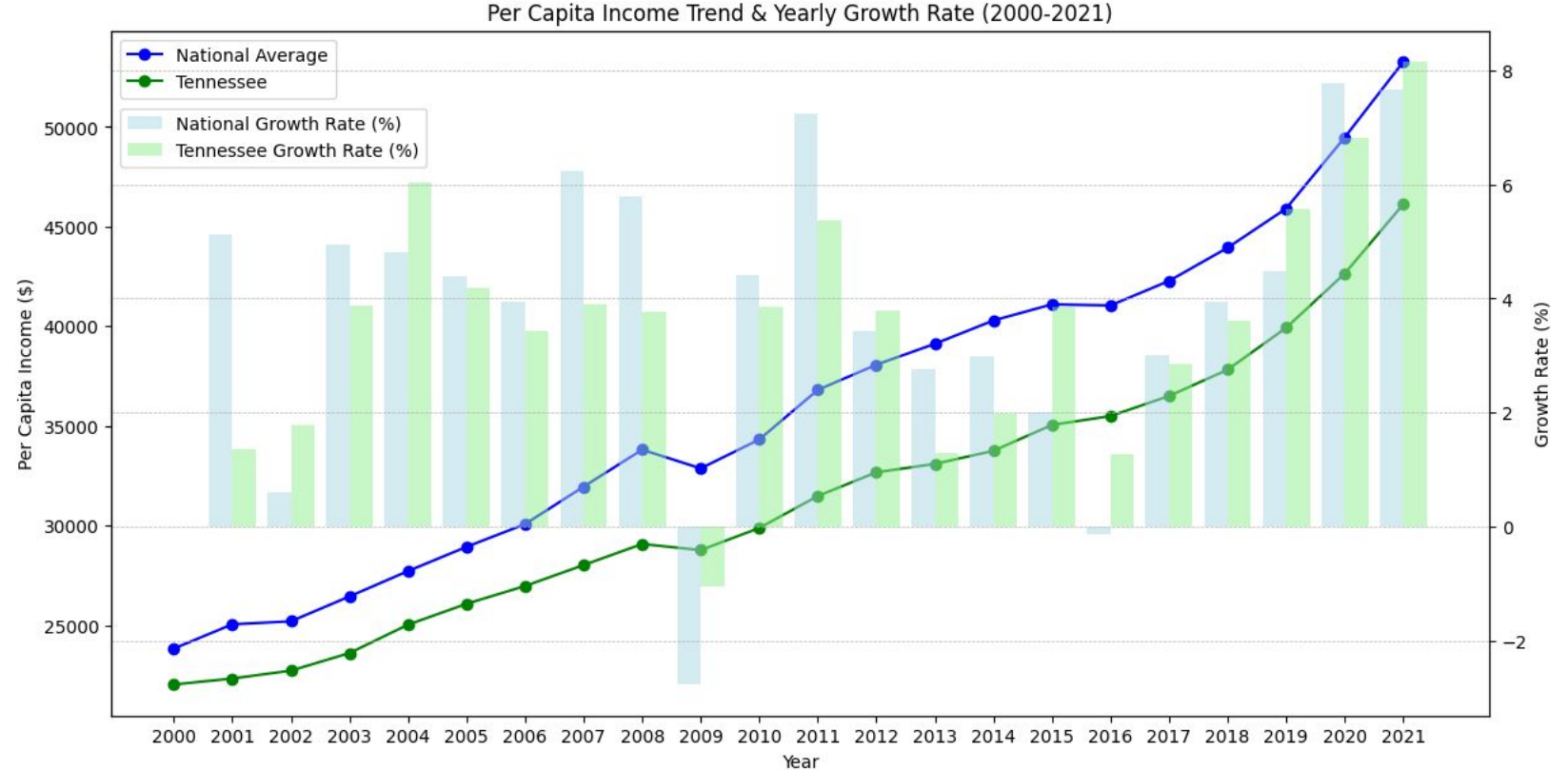
- Per capita income by US counties Data sourced from The Bureau of Economic Analysis from 1969 to 2021.
- Merged with US counties Shapefiles provided by U.S. Census Bureau

Analysis (Tennessee's Income Evolution)



- Animated heatmap of Tennessee's counties from 2000 to 2021. Color intensity indicates per capita income. The animation showcases the evolution of income across Tennessee over two decades.

Analysis (PCI in TN Comparing to National)



- Dual-axis chart comparing per capita income and growth rate from 2000 to 2021. The line shows the trend in income, while the bars highlight the growth rate. Notable events like the 2008 and 2015 global financial crisis are evident.

Takeaway

- Key Observations:
- - Impact of the 2008 and 2015 economic challenges.
- - Tennessee's growth rate often behind the national average.
- - High growth in Tennessee from 2018 to 2021.
- - Diverse economic landscape in Tennessee's counties.