

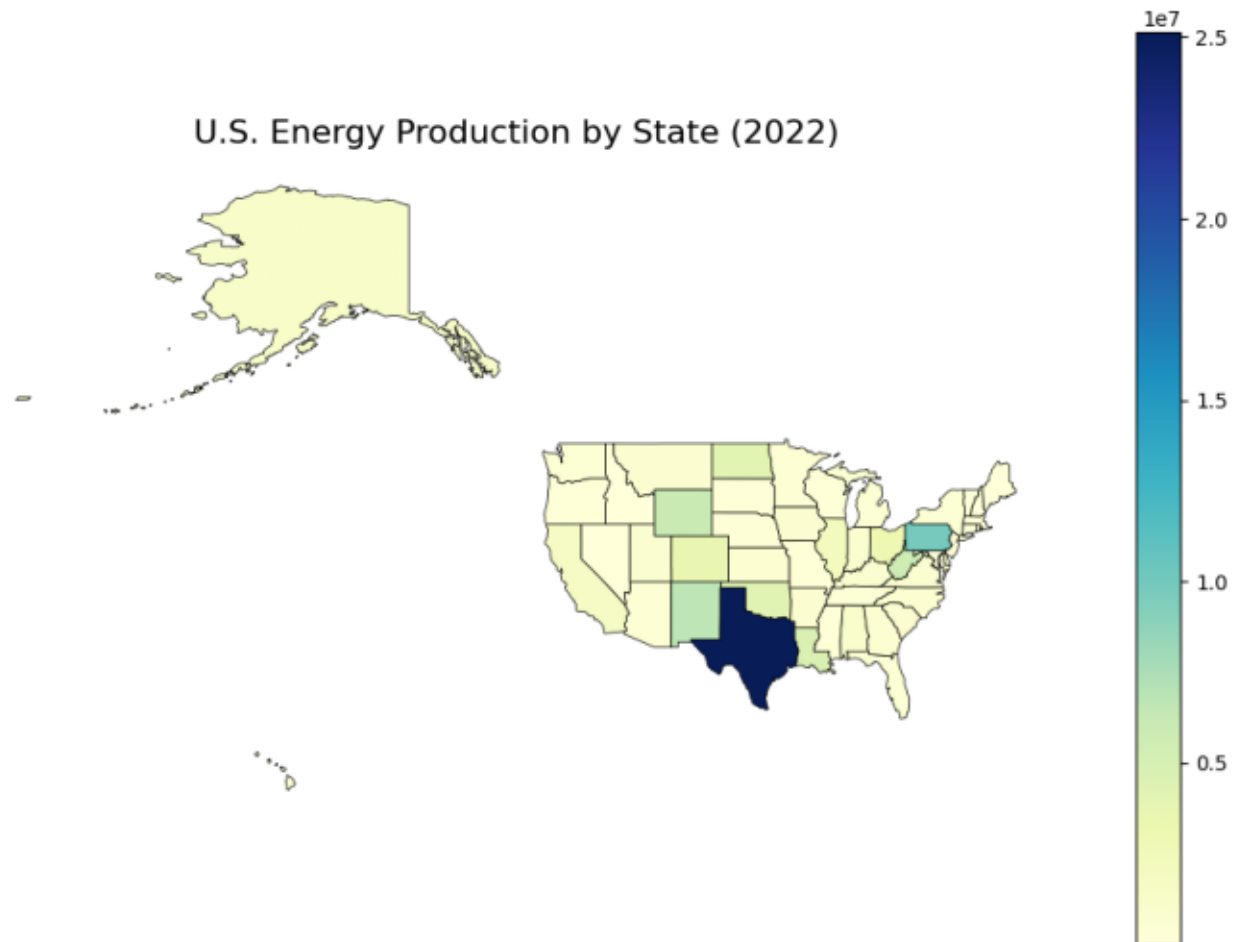
# Story 7

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Data 608

*Energy Production and Dependency in the United States (2022)*

U.S. Energy Production by State (2022)



# Narrative Summary

## Regional Patterns and Dependencies:

The analysis reveals distinct regional patterns in U.S. energy production. The Gulf Coast states, particularly Texas and Louisiana, dominate in overall energy production with significant natural gas and petroleum resources. The Mountain West region shows strength in coal production, with Wyoming leading the nation. Meanwhile, the West Coast and Northeast regions demonstrate lower overall production but higher percentages of renewable energy sources. States like California, New York, and Massachusetts import significant portions of their energy needs, creating dependency relationships with producing states. The Midwest exhibits a balanced mix of traditional and renewable sources.

## Implications for U.S. Energy Security:

These regional disparities have significant implications for U.S. energy security and policy. The concentration of production in specific regions creates vulnerabilities to natural disasters, infrastructure failures, or geopolitical disruptions. States heavily dependent on energy imports face price volatility and supply risks, particularly during extreme weather events or emergencies. Policymakers should strengthen interstate transmission infrastructure and invest in distributed energy resources, storage technologies, and grid modernization to reduce dependencies and enhance national resilience.

Top 10 Energy Producing States (2022)

