Chart of the Week #2024-02 Number of Housing Units by Heating Fuel - 1940 to 2022: California, Texas, New York State



**Max Pyziur** 

anuary 10 2024

Washington, DC

© Copyright 2024 Energy Policy Research Foundation, Inc. 25 Massachusetts Avenue NW, Washington, DC 20001 • 202.944.3339 • eprinc.org

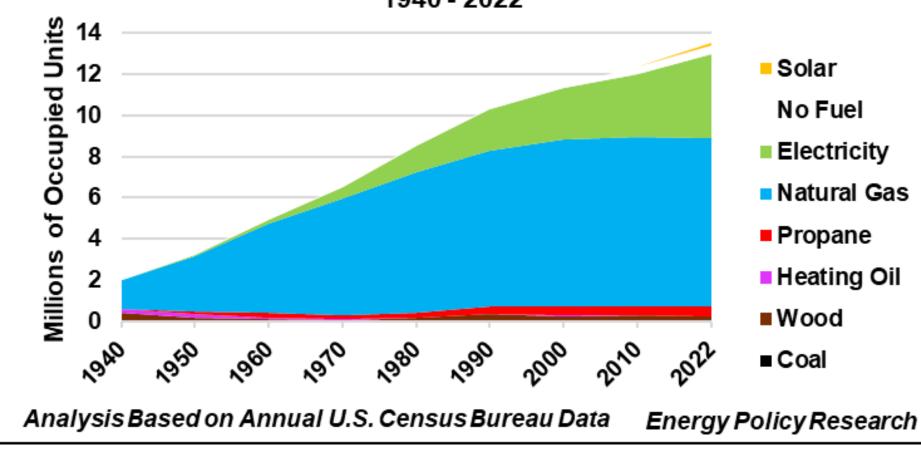
## Number of U.S. Housing Units by Heating Fuel - 1940 to 2022: California, Texas, New York



- Located in the West, South, and East, and with dominant economic and political roles in the U.S., California, Texas, and New York State show a different developmental profile when it comes to home heating.
- Residential growth from 1940 to 2022 has been substantial in California and Texas, increasing at annualized rates of 2.3% and 2.4%, respectively. Settled earlier, growth in the number of residential units in New York State has lagged during this period, rising at an annualized rate of less than 1%.



### California - Number of Housing Units by Heating Fuel 1940 - 2022



In California, natural gas has been the dominant home heating fuel, ranging between 60% and 80% of use in residences. **Use of electricity** began increasing in 1970, rising from 8.6% to 30% of total number of residences in 2022.

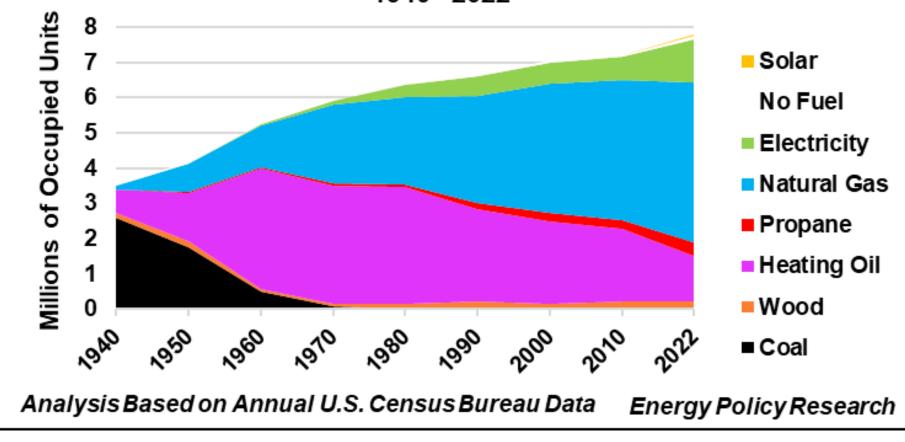


#### Texas - Number of Housing Units by Heating Fuel 1940 - 2022 of Occupied Units 10 Solar No Fuel 8 Electricity 6 Natural Gas 4 Propane Millions 2 Heating Oil Wood 1940 960 Coal Analysis Based on Annual U.S. Census Bureau Data Energy Policy Research

In 1940, wood and natural gas dominated residential heating in Texas at 47% and 43% of total, respectively. By 2022, electricity use for heating accounted for 61.5% in the total number of premises with natural gas at 34.2%.



## New York State - Number of Housing Units by Heating Fuel 1940 - 2022



In New York State, coal was used to heat 73.2% of residences in 1940; at 18.2%, heating oil made up most of the 1940 balance. By 2022, natural gas grew in use in 58.4% of New York State residences as coal use diminished to a small amount (0.2% in 2022).

Heating oil has continued to be an important fuel in New York State, rising to 65% in 1960 and then declining to 16.5% in 2022. Electricity use, while minimal through 2010, reached 15.3% in 2022. Propane, while small in use, has continued to rise as a percentage of total from 1.1% in 1970 to 5.2% in 2022.

# Number of U.S. Housing Units by Heating Fuel - 1940 to 2022: California, Texas, New York



- This slide deck is available at: <u>https://eprinc.org/chart-of-the-week/</u>
- For more information on this chart, please contact Max Pyziur (<u>maxp@eprinc.org</u>).