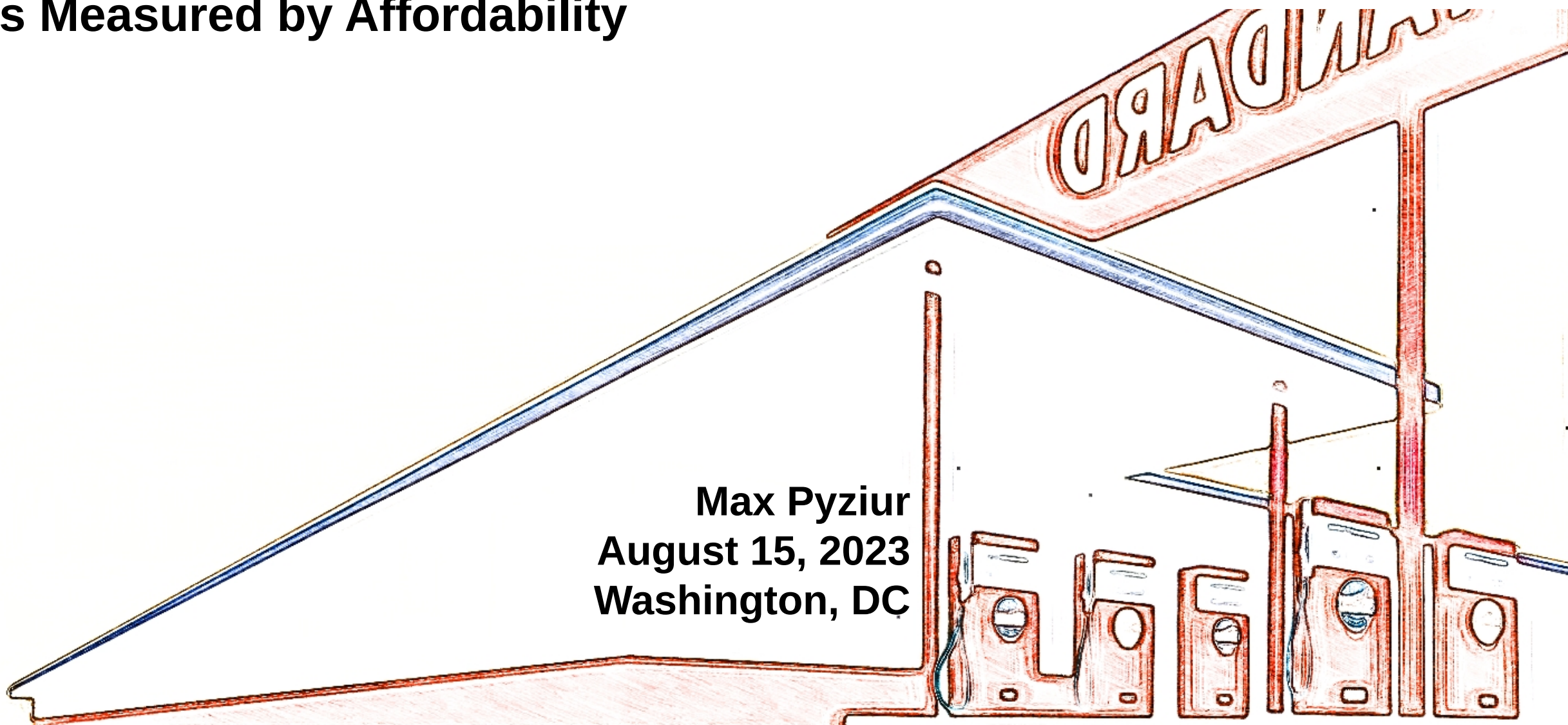


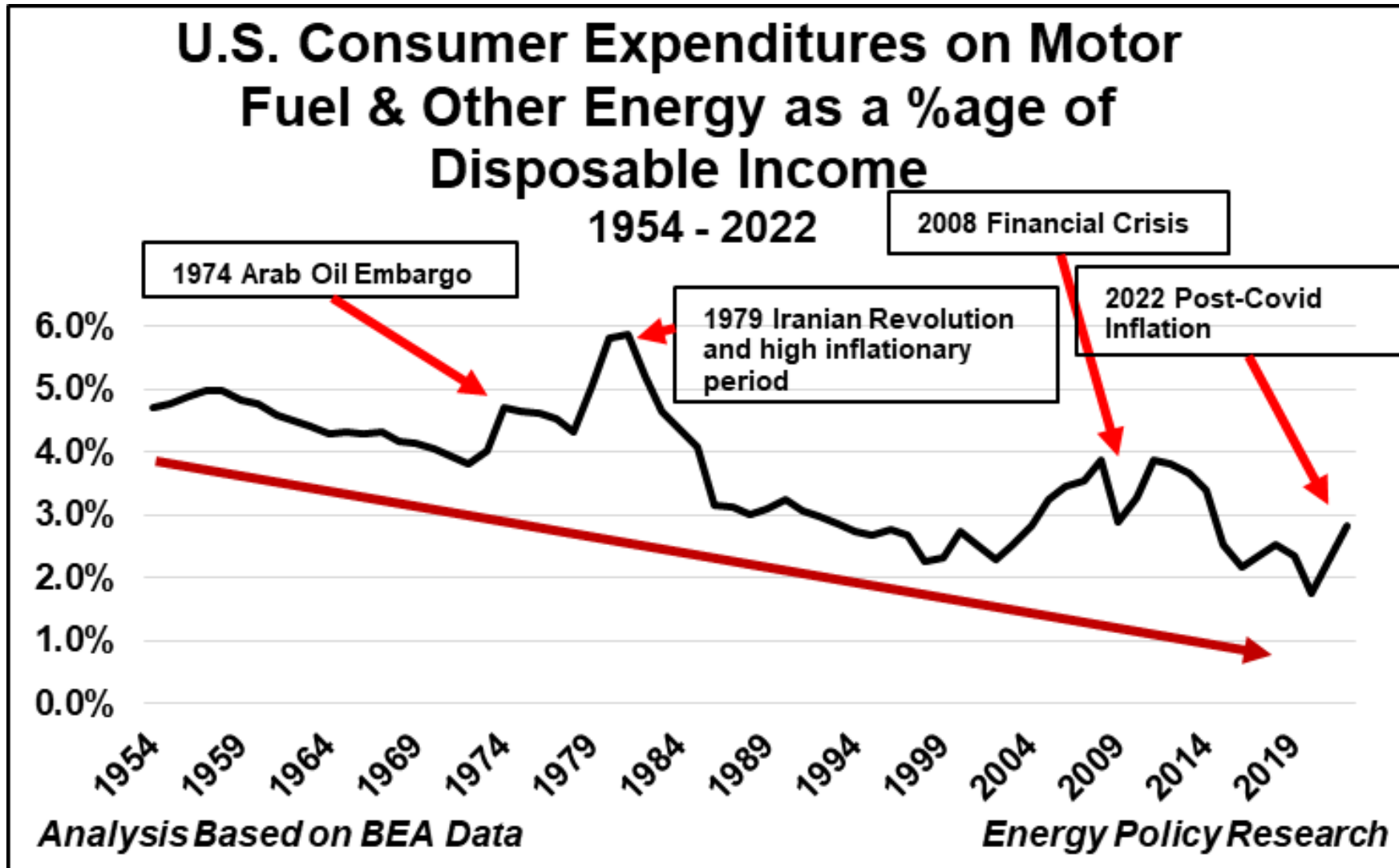
Chart of the Week #2023-32

U.S. Energy Security

As Measured by Affordability



Max Pyziur
August 15, 2023
Washington, DC



U.S. Energy Security As Measured by Affordability

- Energy security is described in three dimensions: availability, affordability, and acceptability.
- Affordability is further broken down into domestic and import prices.
- One way of measuring affordability is to divide consumer expenditures on motor vehicle fuel and other energy goods by total disposable personal expenditures in order to derive a time-series percentage.
- Since the mid-1950s and using inflation-adjusted data provided by the U.S. Bureau of Economic Analysis, the overall trend has been declining from approximately 5% to 2%. However, there have been spikes along the way. These have been caused by things such as foreign supply shocks like the events in the mid- to late-1970s coupled with domestic economic challenges such as high inflation and recessions.
- Policy interventions have taken place seeking to mitigate the adverse episodes, but not all with measurable success, and some even with controversy.
- This slide deck is available at: <https://eprinc.org/chart-of-the-week/>
- For more information on this chart, please contact Max Pyziur (maxp@eprinc.org).