



EVNoire Consulting Group, a national award winning minority owned and led organization, working at the intersection of transportation, energy and environmental equity. We are recognized as national thought leaders in the E-Mobility space. We work with Utilities and Co-ops, Non-Profits, Government Agencies, Public Health Organizations, and Regional and National organizations to expand this market share. We also engage communities on workforce development opportunities in the alternative fuel/electric vehicle economy.

EVNoire has compiled extensive data on the attitudes, beliefs, and knowledge of Electric, Hybrid and Autonomous vehicles as well as highlighting the financial & public health benefits of driving next-generation, zero-emission vehicles. We have experience and expertise in working with frontline populations that are most burdened by the negative impacts of carbon emissions and environmental justice issues.

We are also the founders of the nation's largest network of diverse EV drivers & enthusiasts who work in tandem to grow the numbers of diverse EV drivers. We specifically focus on those populations that are most burdened by the negative impacts of carbon emissions.

# ABOUT US

We have expertise in engaging

- General Market Consumers
- Racial Ethnic Demographics
- Underserved Communities
- Aging Populations
- Rural / Immigrant Communities
- Multi Unit Property Residents
- LGBTQ Communities

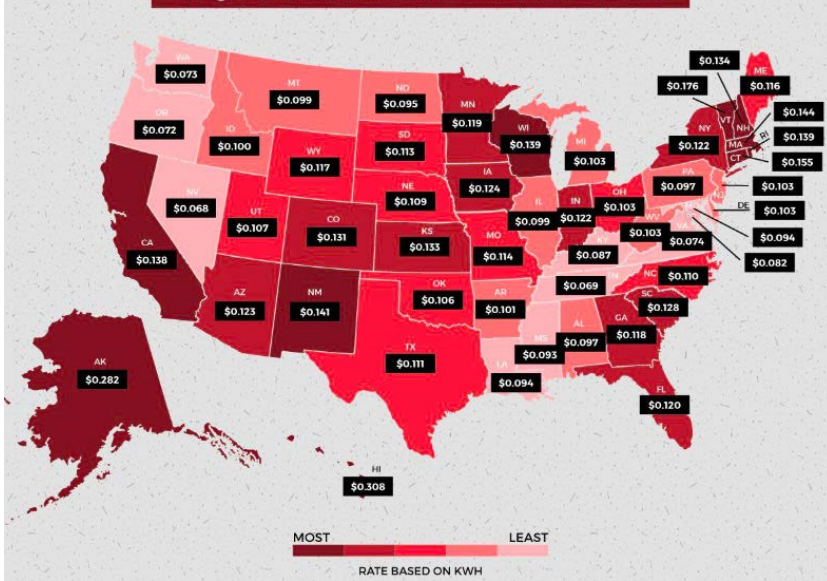




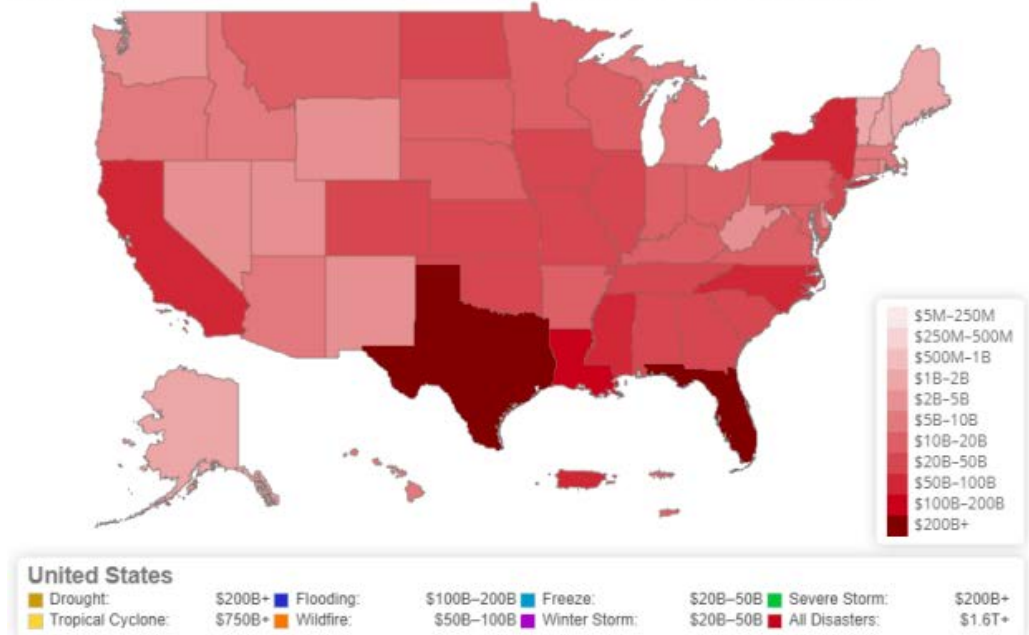
**Energy Equity** is the fair distribution of the benefits and burdens from **ENERGY** production and consumption

### RESIDENTIAL ELECTRICITY RATES IN THE UNITED STATES

Average Rate Per State, Rounded to the Nearest Thousandth

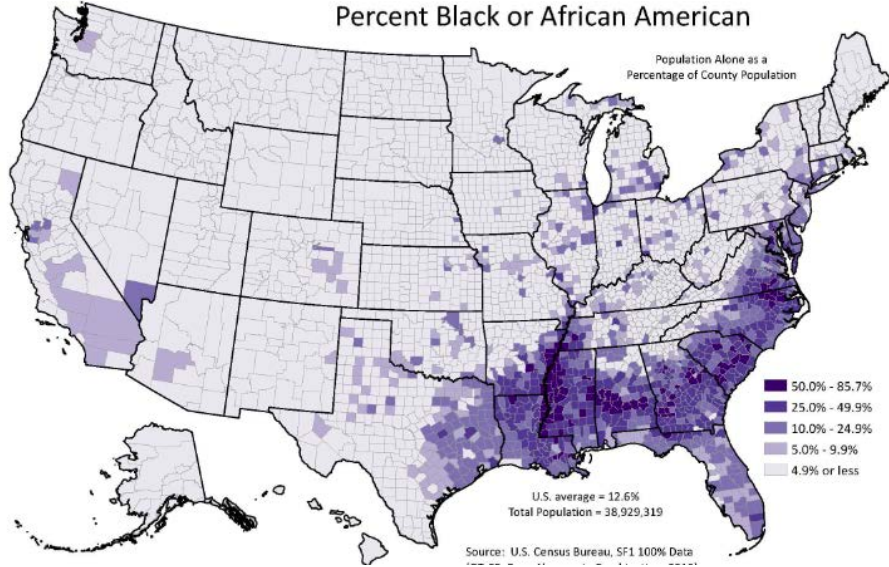


### 1980-2018 Billion-Dollar Weather and Climate Disaster Cost (CPI-Adjusted)

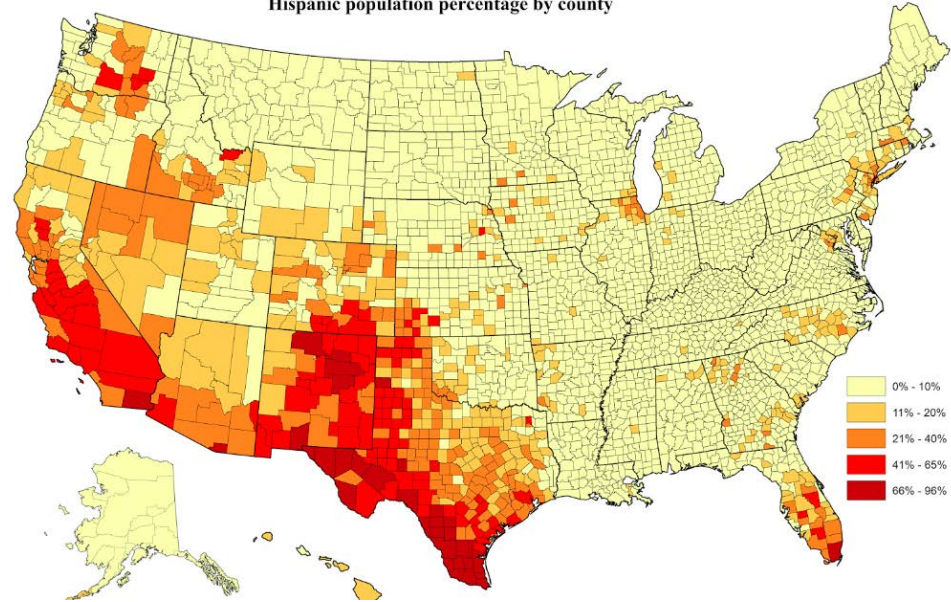


# Black & Brown Demographics

### Percent Black or African American



### Hispanic population percentage by county



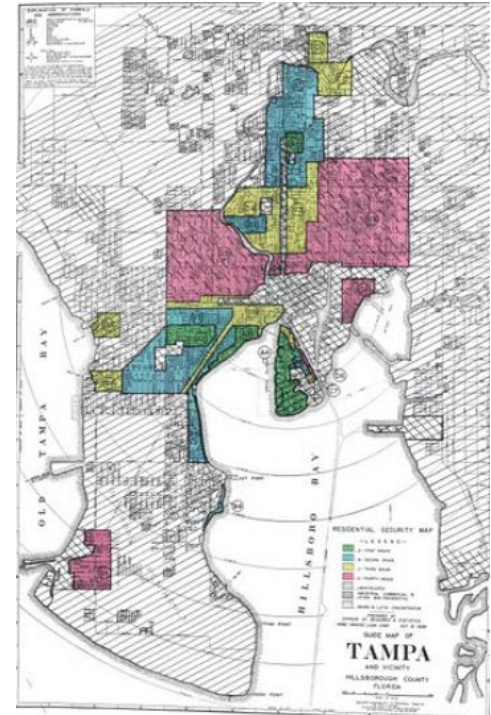
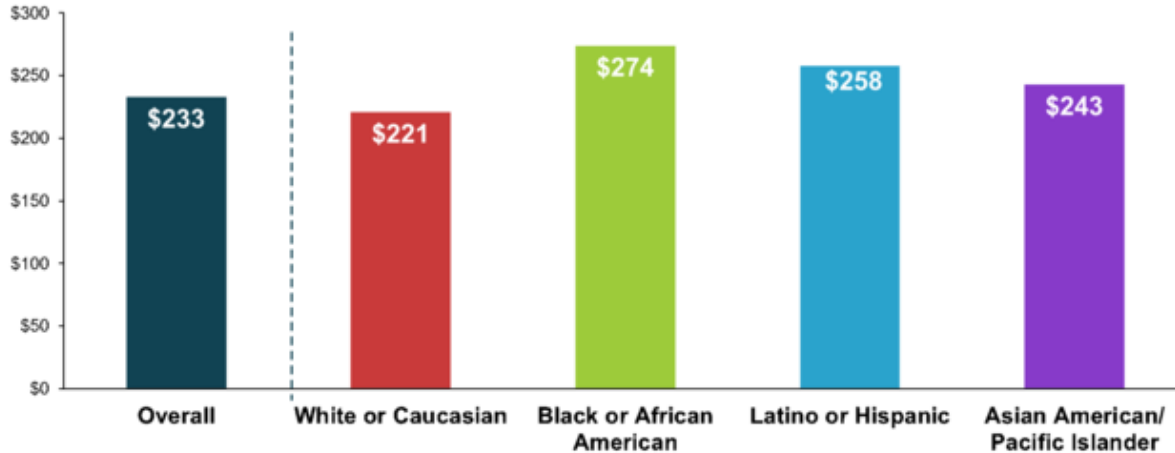


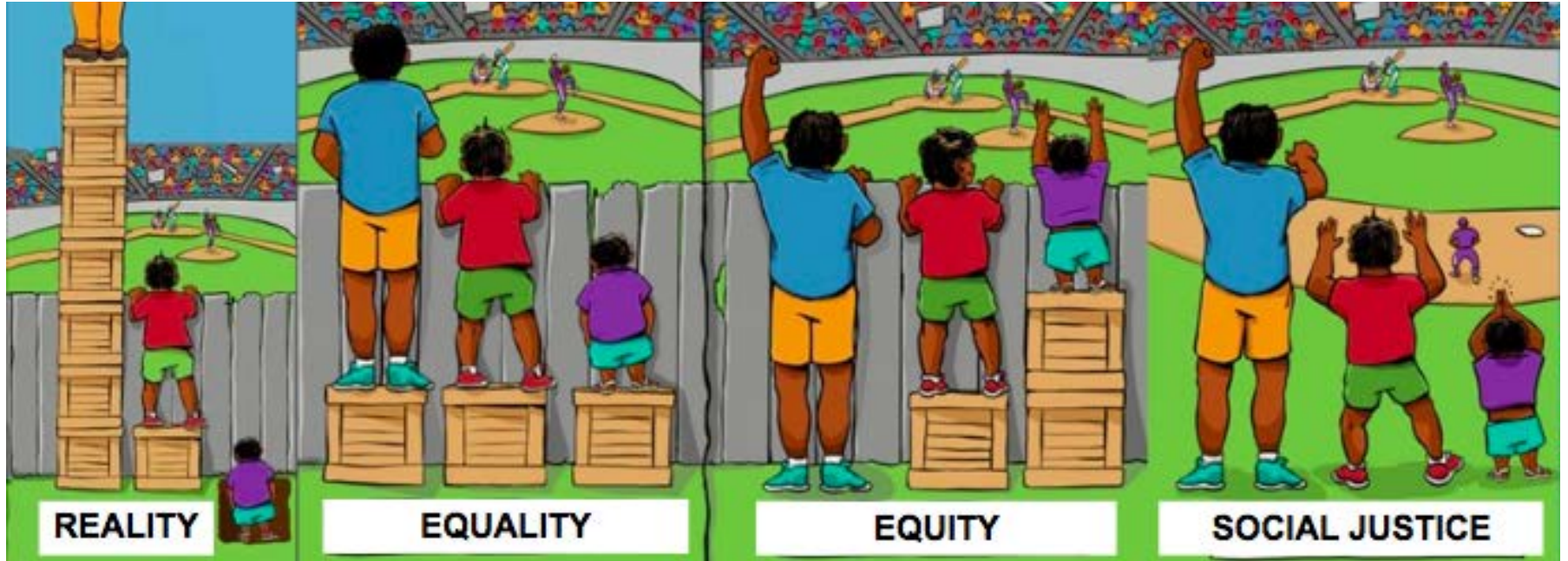
# Energy Cost & How This Came To

On average, minorities report paying more in monthly utility bills.

African-Americans spend nearly 25% more than White/Caucasians on monthly utility bills; Latino/Hispanics spend 17% more

*On average, how much would you say that your household spends on your combined home electric, gas, and water bills every month?*

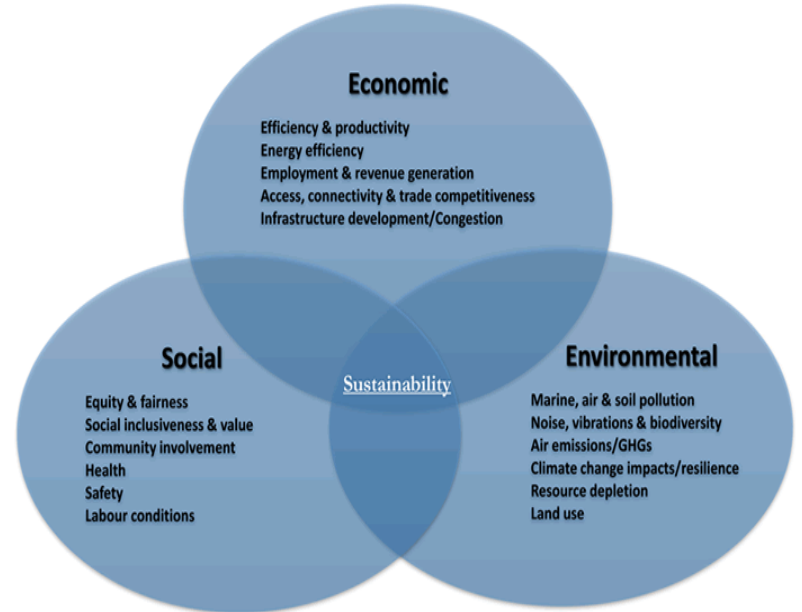




## Equity Indicators

## Recommended Metrics

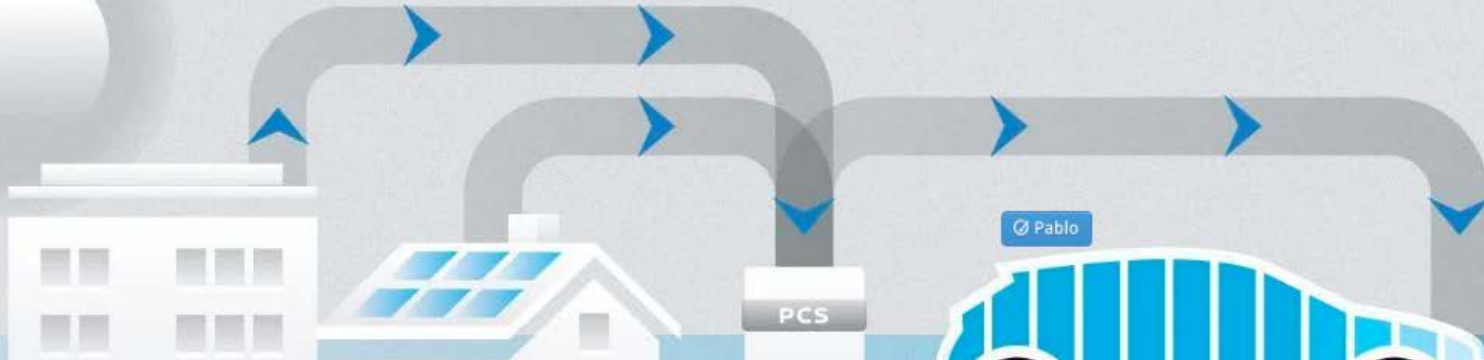
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|---|--|
| 1. Affordability                          | This metric will vary by transportation mode and location, and therefore should be set by the community; a recommended default is that households should spend no more than 20% of budgets on transportation costs <sup>28</sup> |
| 2. Accessibility                          | Transportation mode is physically accessible (available in neighborhood), accessible to disabled people, accessible to people with various cultures/languages, accessible without the need for banking or a smartphone           |
| 3. Efficiency                             | Frequency of transit, travel times, time spent in traffic, optimal availability of parking, etc.   |
| 4. Reliability                            | Consistency and variability of travel times, predictability of travel times  |
| 5. Safety                                 | Collision rate and severity; <sup>39</sup> personal safety issues (harassment, profiling, etc.)  |
| 6. Clean Air and Positive Health Benefits | Quantities of air pollutants (PM, NOx) reduction, <sup>40</sup> level of physical activity, etc.   |
| 7. Reduction in Greenhouse Gases          | Quantities of greenhouse gas reduction <sup>41</sup>   |
| 8. Reduction in Vehicle Miles Traveled    | Compact development and greater clustering of destinations, VMT per capita   |



# NISSAN ENERGY SHARE

LEAF energy is shared with home, buildings or grid

Vehicle to **Home** / Vehicle to **Building**







Disrupting Current Energy & Transportation Inequities  
By Utilizing Frameworks & Best Practices.  
More Importantly Prioritizing Those Most Impacted

**T. Travis**

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