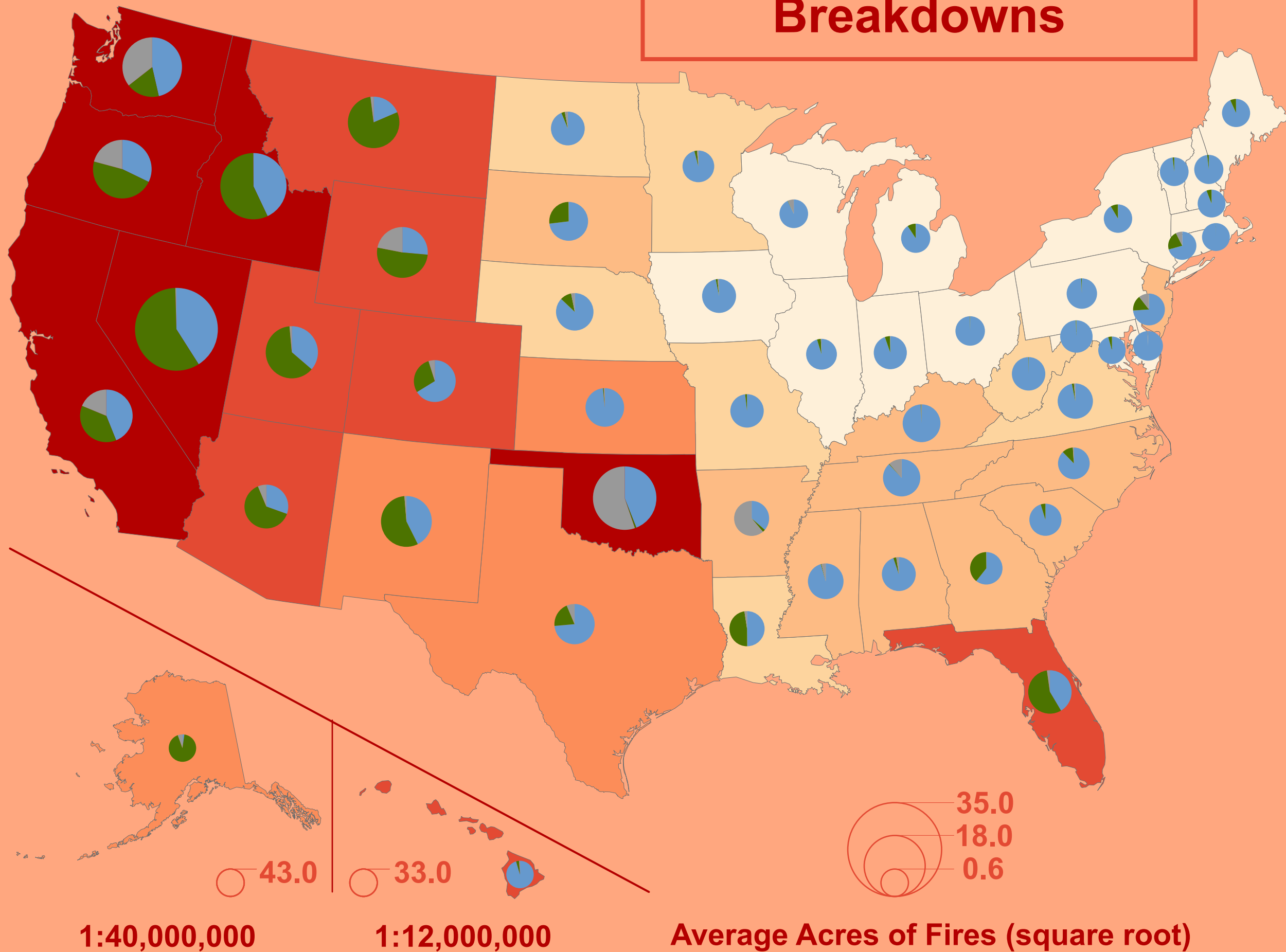


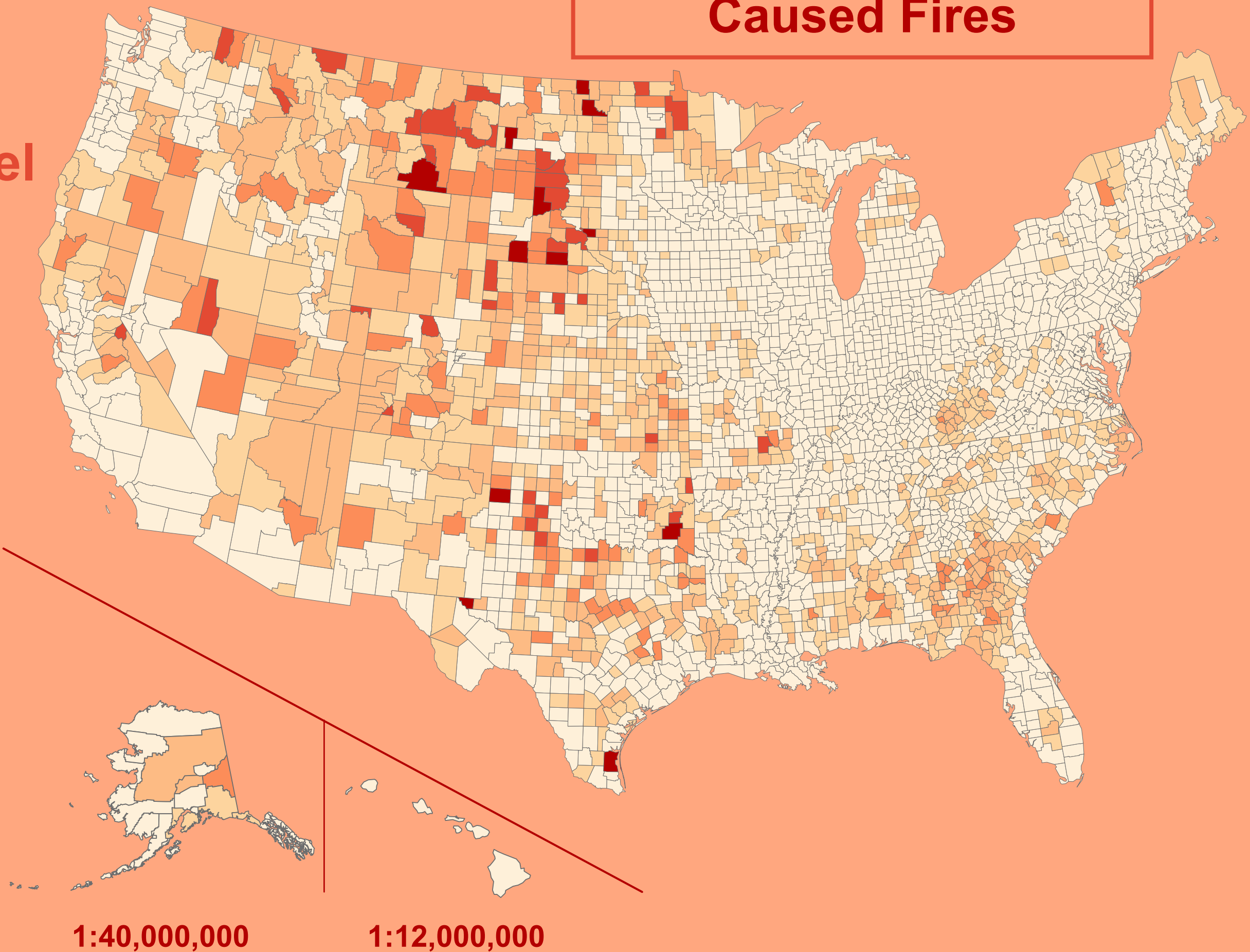
# THE GREAT AMERICAN BURN: Who's to Blame – Nature or Nurture?

## Fires In the USA 2016 to 2020 Accumulative

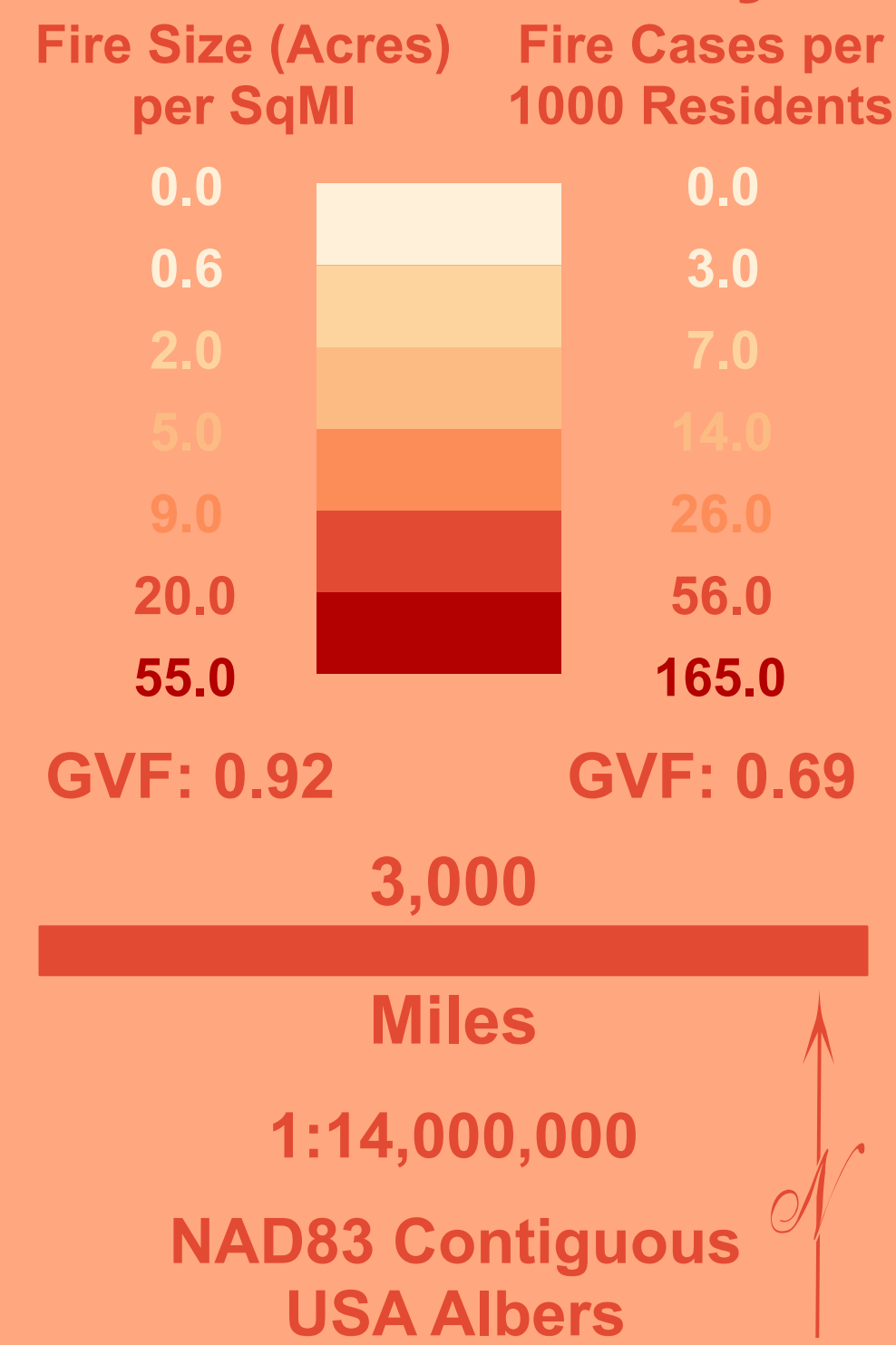
State Wide Fire Size Breakdowns



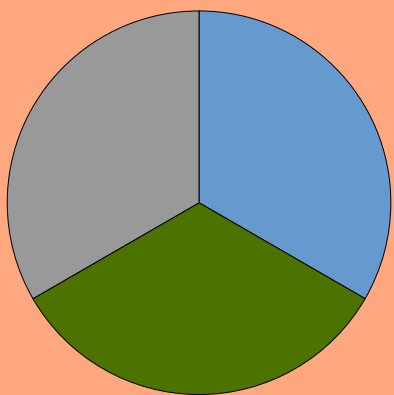
County Level Human Caused Fires



Statewide County-Level



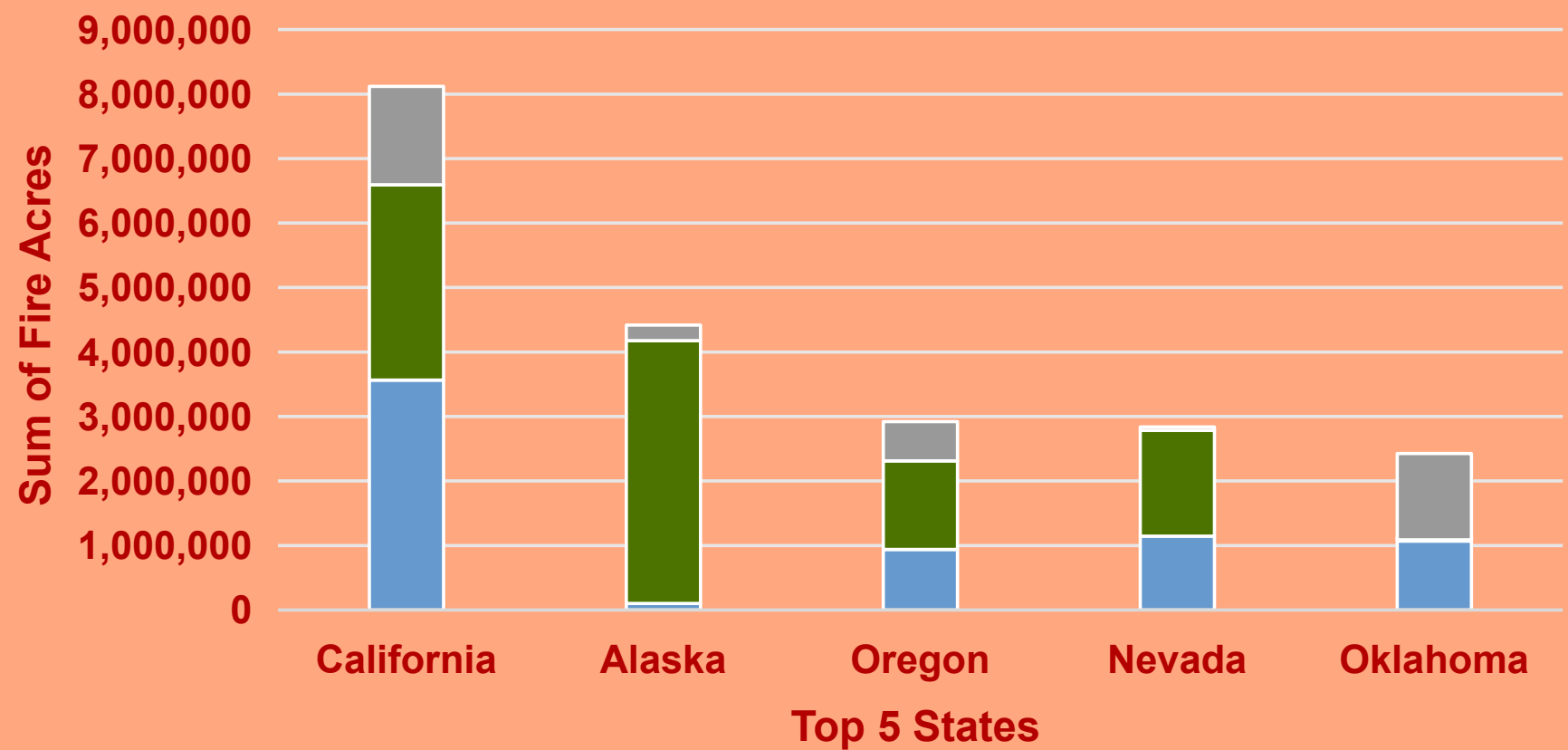
Missed Data



Human Reason

Natural Reason

Fire Causes of Top 5 States



Data Source: US Open Data  
National Interagency Fire Occurrence  
Sixth Edition 1992-2020

This poster presents a cumulative analysis of wildfires across the United States from 2016 to 2020, with a focus on investigating potential relationships between naturally caused fires and each state's forest cover, as well as between county populations and total fire counts per county. The bar chart shows a stacked representation of the top five states with the highest sum of the fire size, broken down by human-caused fires, natural causes, and missing data. The correlation table on the right reveals a strong positive correlation between naturally caused fires and the average forested area per square mile in each state, while showing a moderate positive correlation between county populations and total fire incidents at the county level.

Correlation Table

By State		Forest Area per Square Mile
Total Fire Size Caused by Nature		0.84
By County		Population
Total Fire Cases by Human		0.37

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