

# Heart Disease Analysis

< Overview

Demographic Analysis

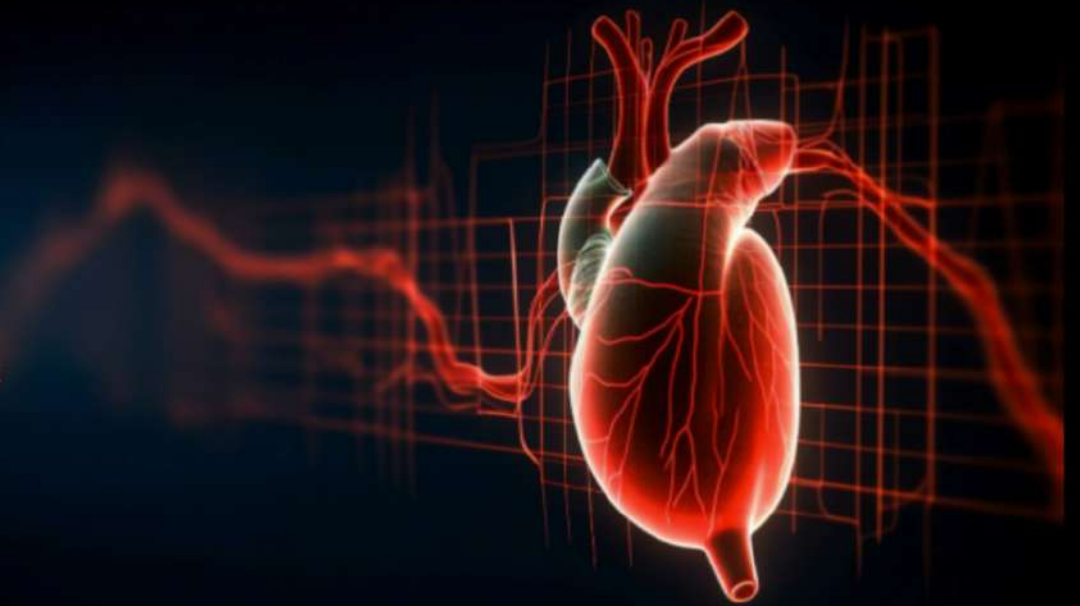
Age Distribution

Risk Factors

Conclusion >

## HEART DISEASE INDICATORS

Heart disease remains one of the leading causes of mortality worldwide, making it crucial to identify and understand its associated risk factors. In this analysis, we delve into a comprehensive dataset encompassing various health and lifestyle attributes of individuals. Through the lens of Tableau, we aim to uncover patterns and insights that may serve as indicators for heart disease.



# DEMOGRAPHIC ANALYSIS

Heart Attack: (All)



TOTAL PATIENTS

246,022

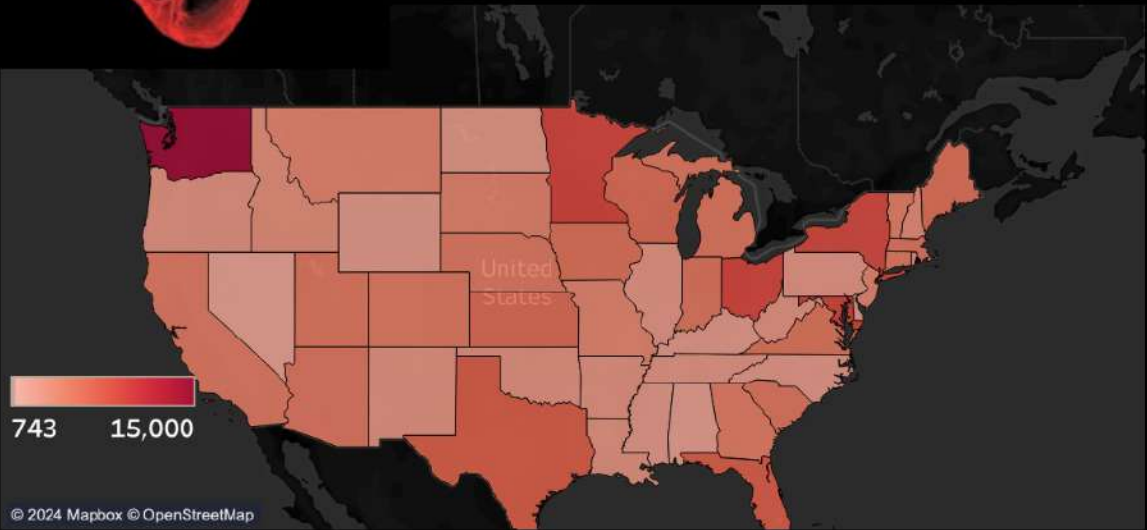
AVERAGE BMI

28.67

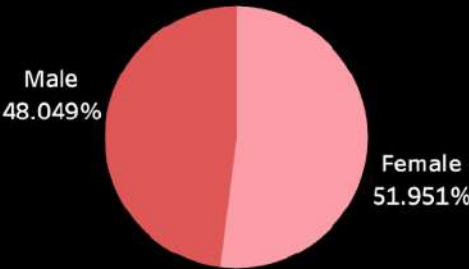
AVERAGE SLEEP HOURS

7

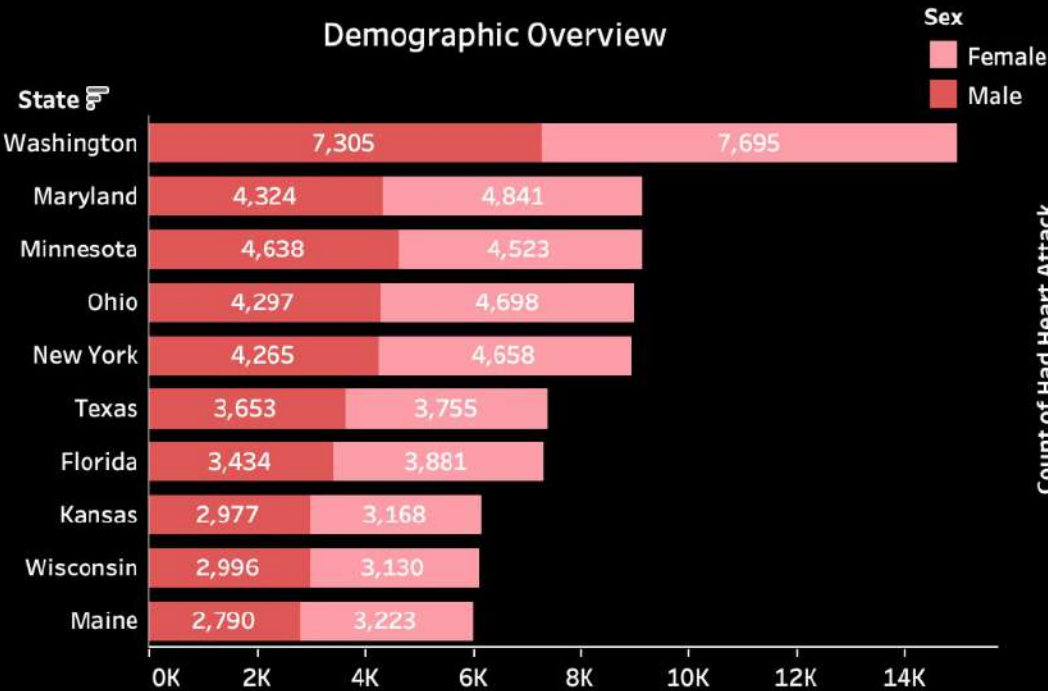
## Geospatial Analysis



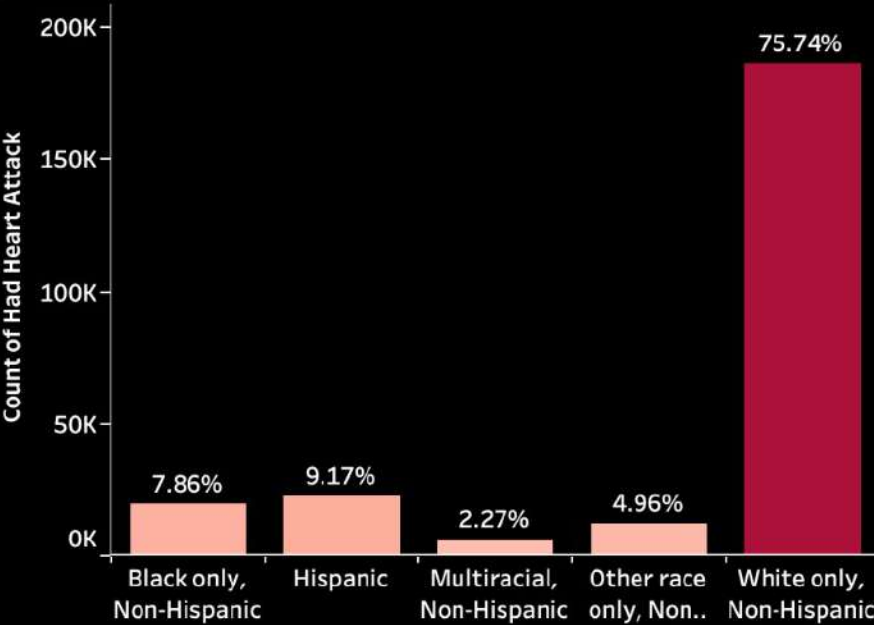
## Gender Distribution



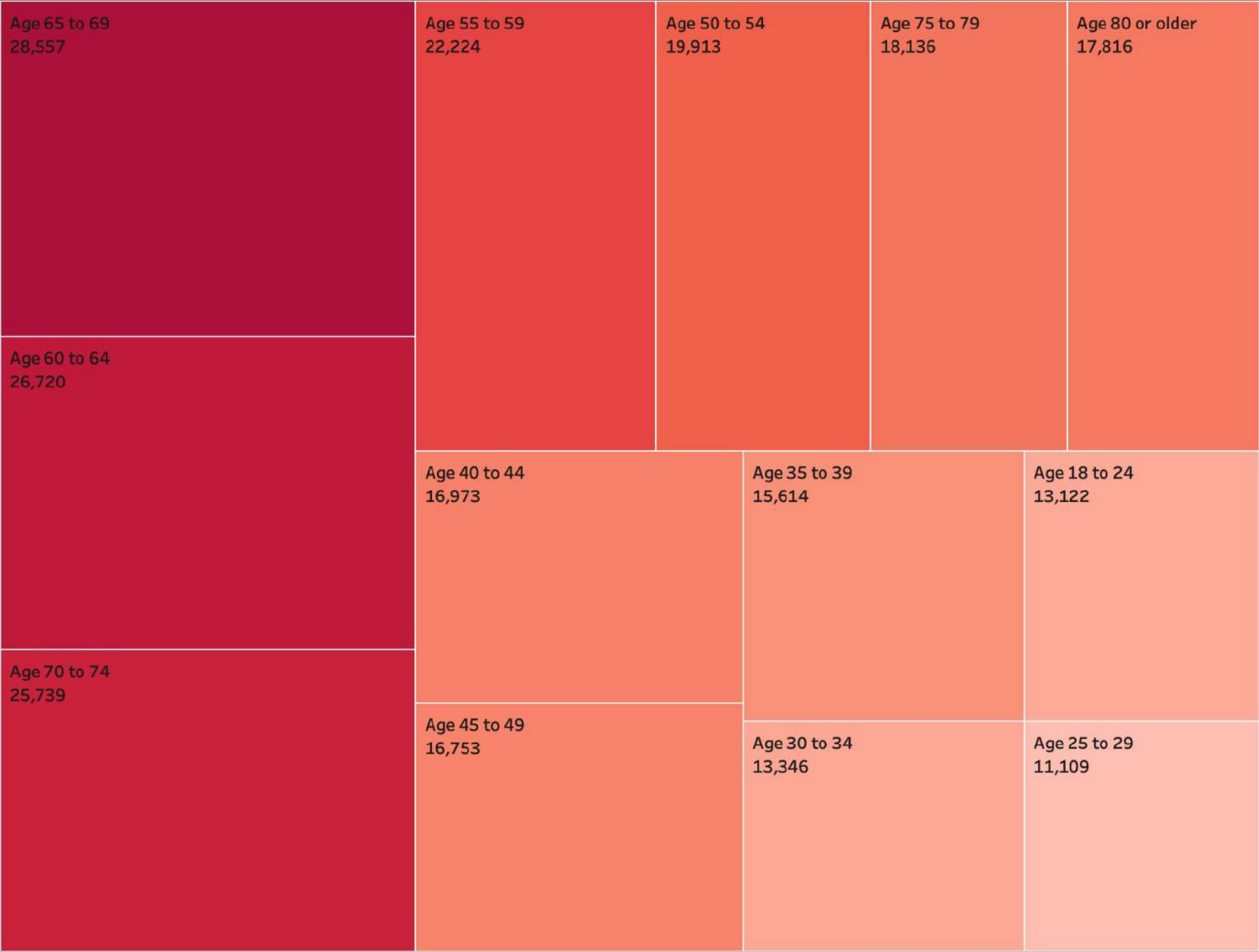
## Demographic Overview



## Ethnicity



Age Distribution



# RISK FACTOR ANALYSIS

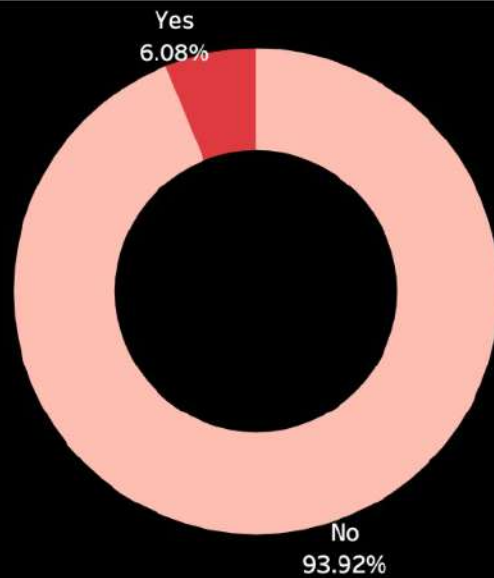
## General Health Analysis

Had Heart Attack

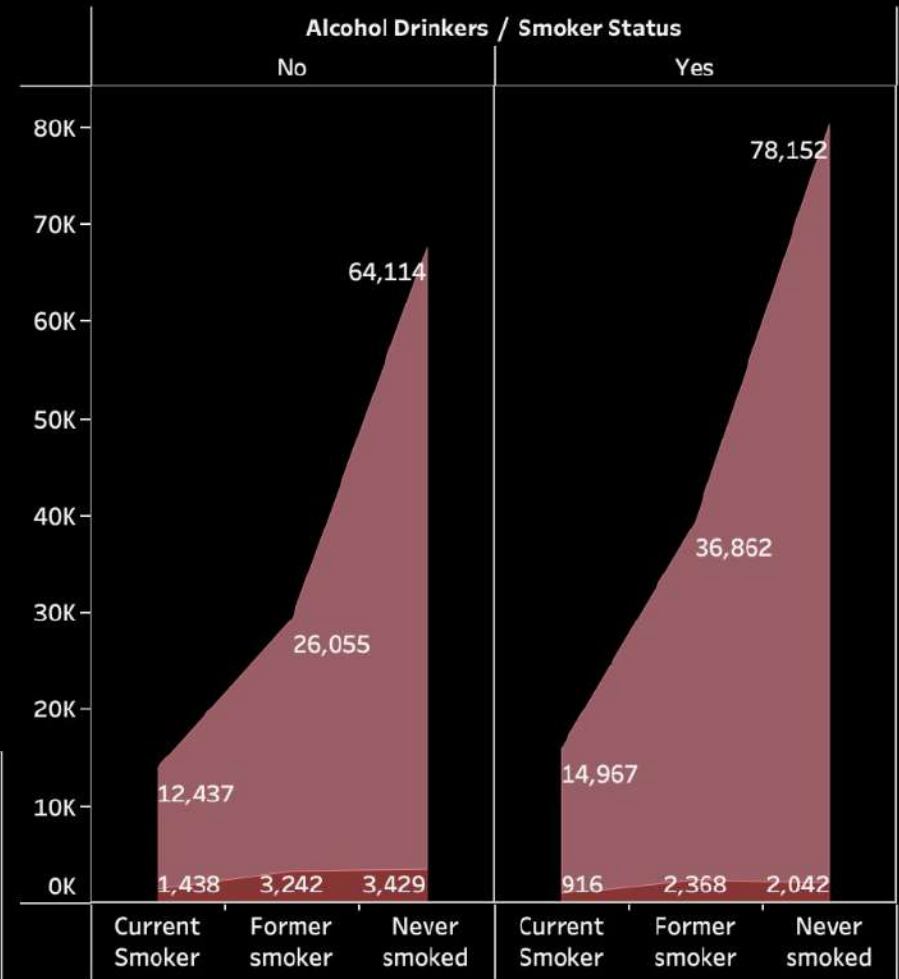
(All)



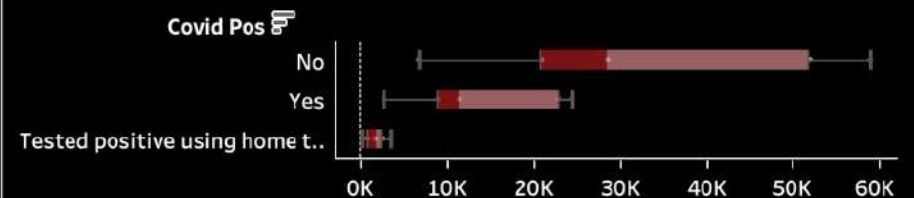
## Patients with Angina



## Alcohol and Smoking impacts on heart attacks



## Covid Effect





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## INFERENCE

The analysis highlights significant insights into heart attack prevalence and its associated factors, including a notable gender disparity favoring males. Age is a significant risk factor, with heart attack occurrence increasing with advancing age. Geographic variations suggest potential disparities in healthcare access or population demographics. Angina emerges as a key warning sign closely associated with heart attacks. Lifestyle factors, such as smoking, are prevalent among heart attack cases, while fewer cases are observed among alcohol drinkers. Understanding these complexities is crucial for tailored healthcare strategies to prevent heart attacks. Additionally, the study underscores the importance of overall health status in heart attack risk assessment.

