

Heart Disease Exploratory Analysis

Title	Objective	Total Heart Disease	Heart Disease by State	Heart Disease by Sex	Heart Disease Age	Heart Disease and ..
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Objective: Identify major indicators of heart disease to improve targeted public health campaigns.

Data: 2022 medical data featuring a survey of 445,000+ patients.
Data source: <https://www.kaggle.com/datasets/kamilpytlak/personal-key-indicators-of-heart-disease>

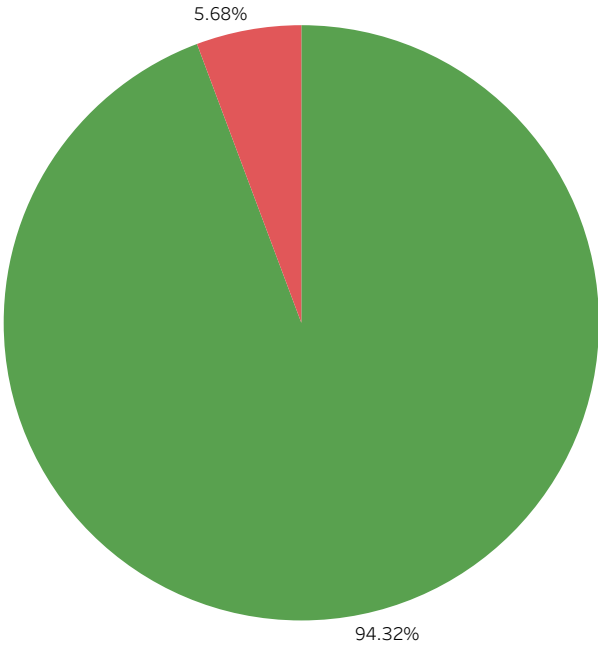
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5.68% of patients had a heart attack. This is used as our identifier of heart disease throughout this analysis.

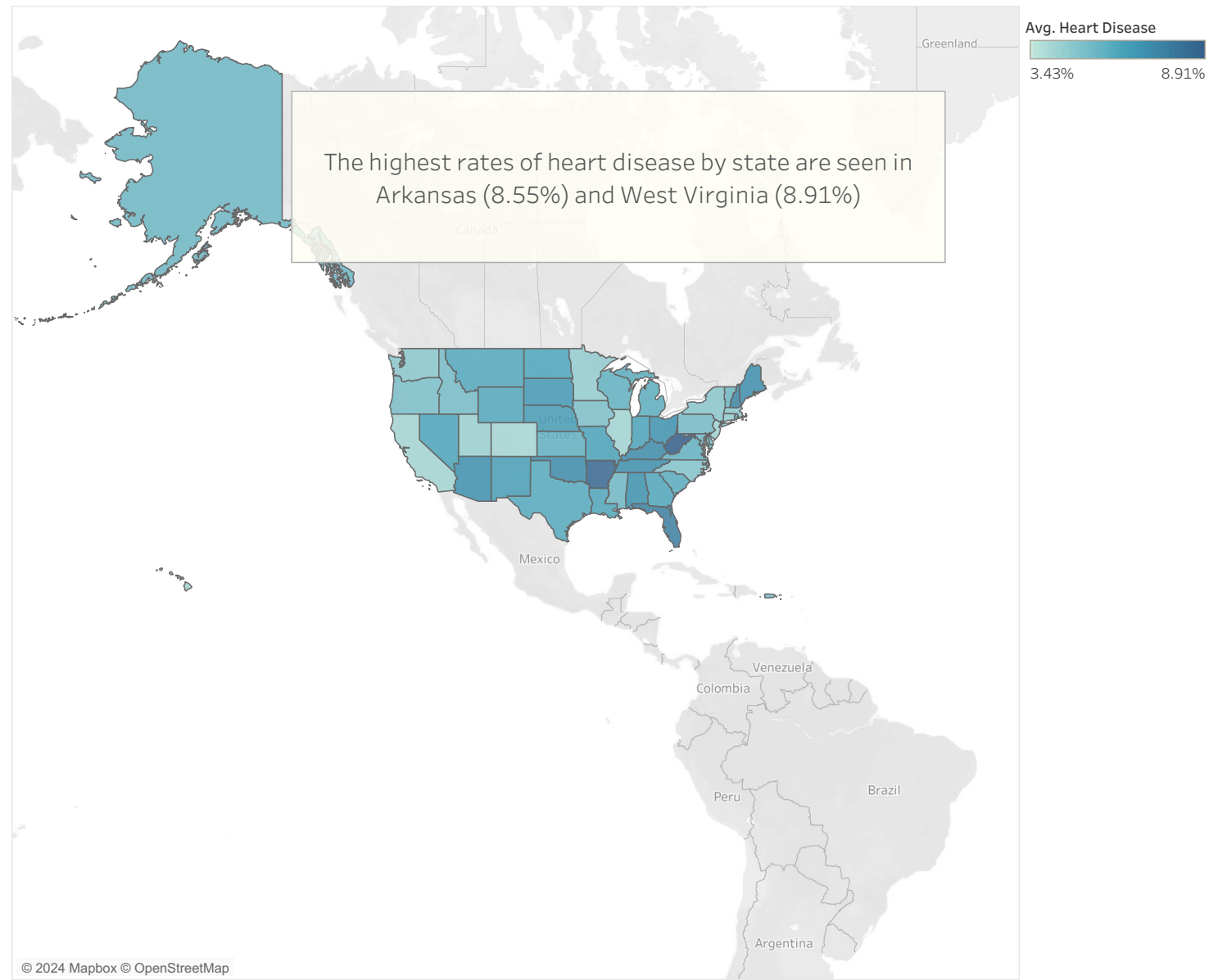
Had Heart Attack

- No
- Yes



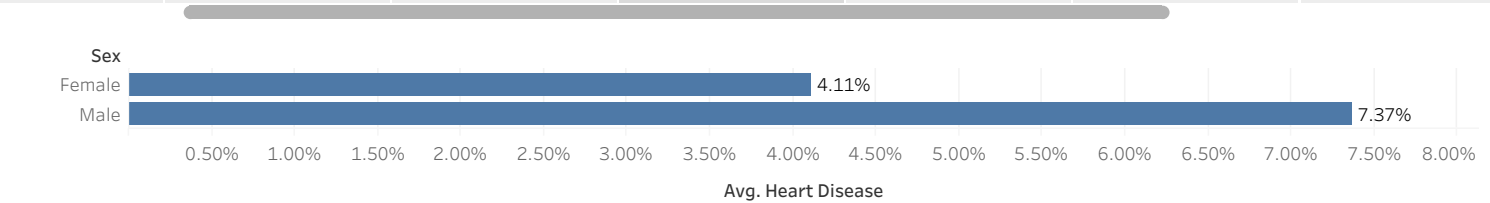
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Title	Objective	Total Heart Disease	Heart Disease by State	Heart Disease by Sex	Heart Disease Age	Heart Disease and Smoking
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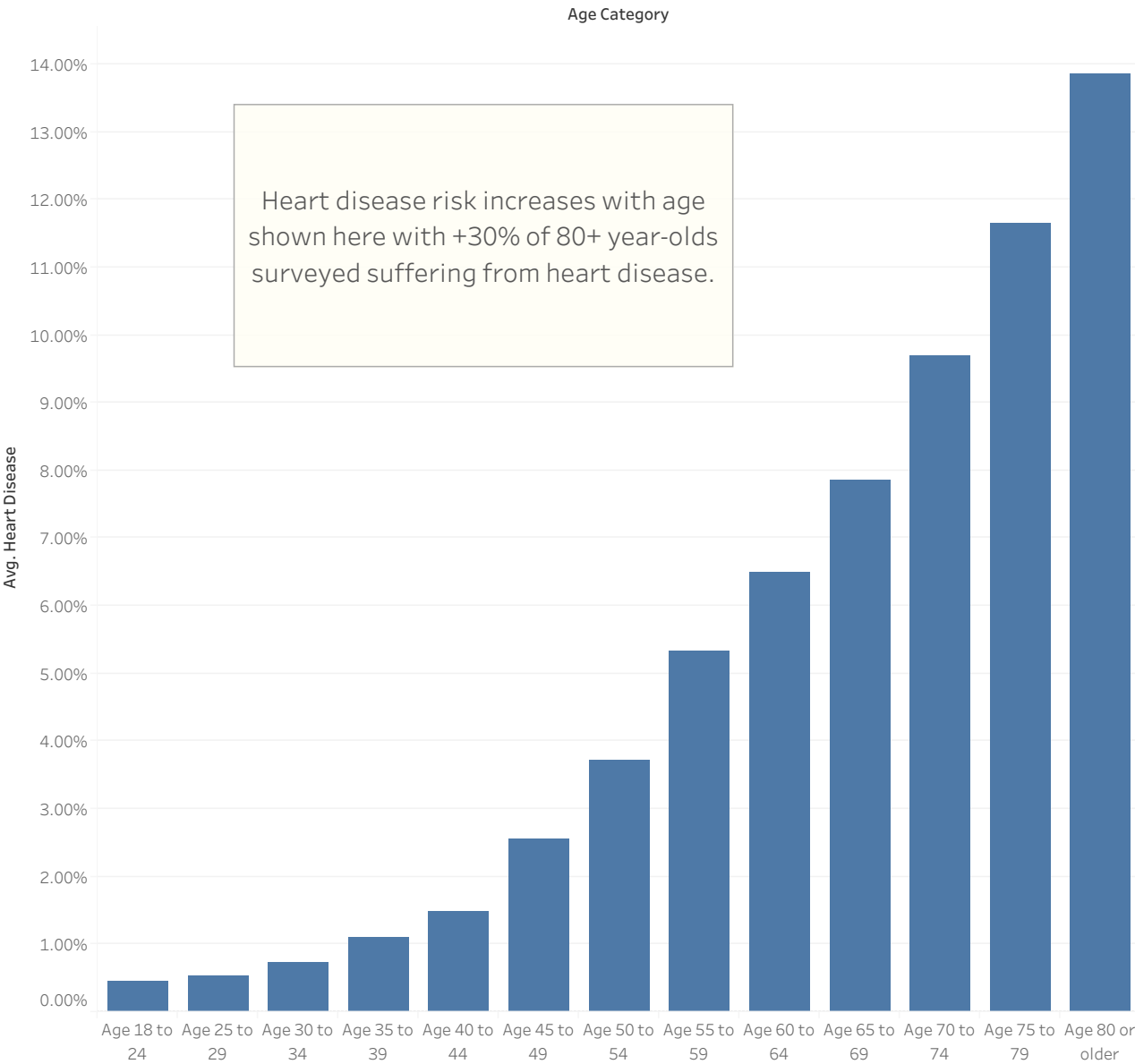
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The majority of heart disease patients are male (7.37%)

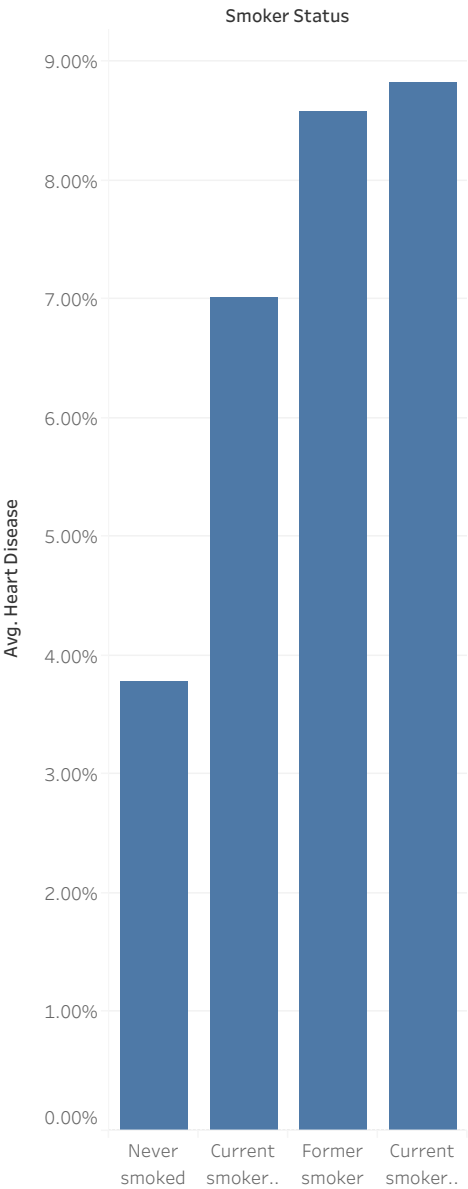
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Total Heart Disease	Heart Disease by State	Heart Disease by Sex	Heart Disease Age	Heart Disease and Smoking	Heart Disease and Diabetes	Heart Disease and Overall Health
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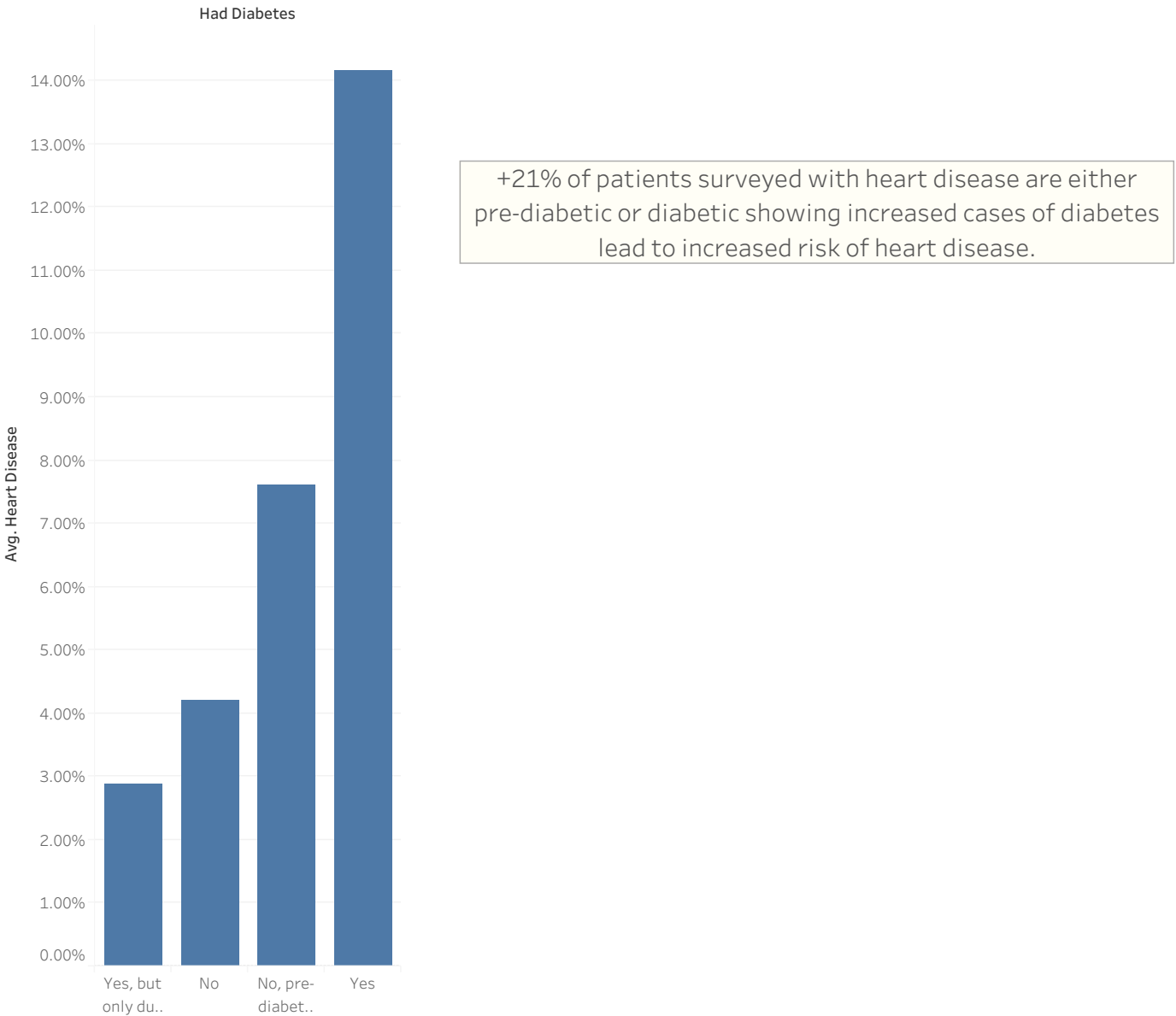
Heart Disease by State	Heart Disease by Sex	Heart Disease Age	Heart Disease and Smoking	Heart Disease and Diabetes	Heart Disease and Overall Health	Conclusions
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Smoking is a key indicator of heart disease. Of our heart disease patients, +24% had some history of smoking.

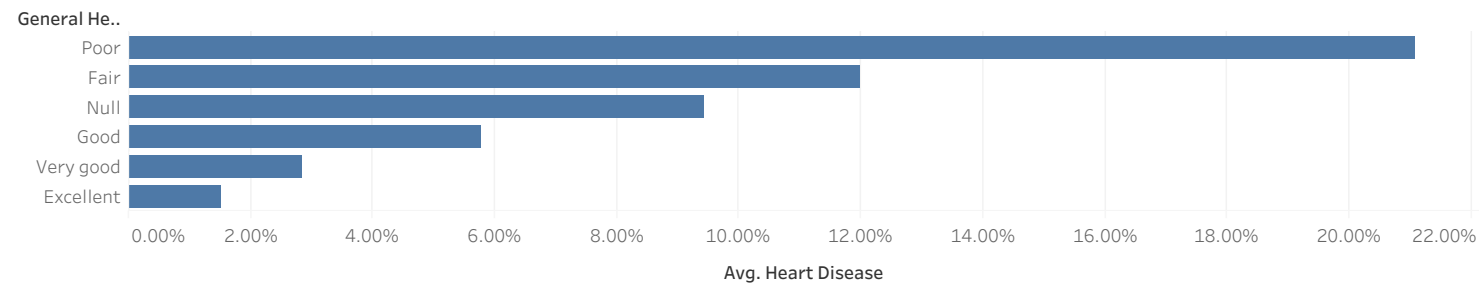
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Overall health is another key indicator of heart disease with 21.08% of heart disease patients marked as in poor overall health.

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Conclusions

To ensure heart disease prevention messaging reaches the most vulnerable audiences we should target those discussed with the highest levels of heart disease.

This includes aging men, residents of Arkansas and West Virginia, current and former smokers, people diagnosed with diabetes, and those considered to be in poor health.

