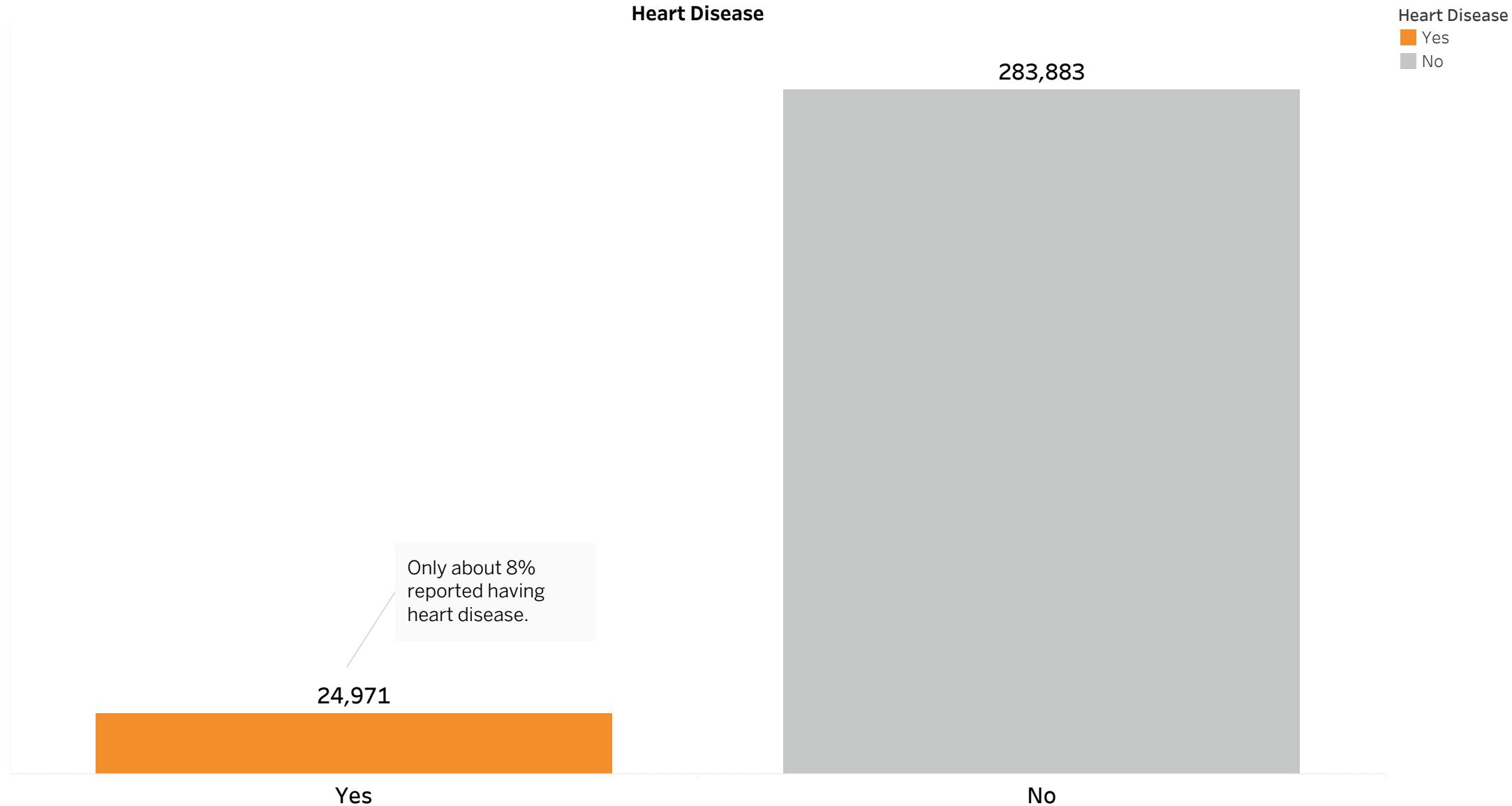


## Vast Majority of Patients Report No Heart Disease.

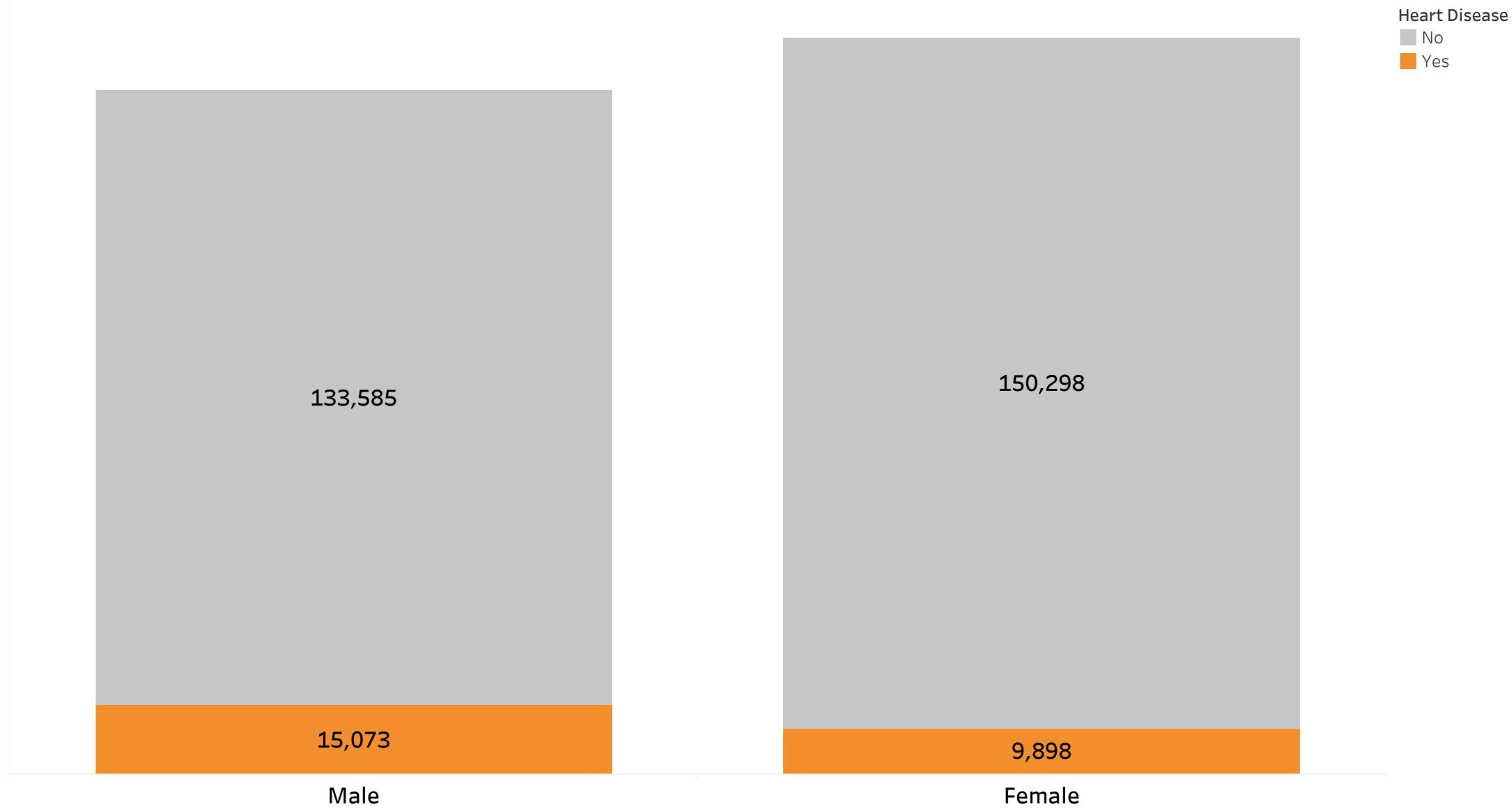
Significant disparity between reported cases.



Count of Heart Disease for each Heart Disease. Colour shows details about Heart Disease.

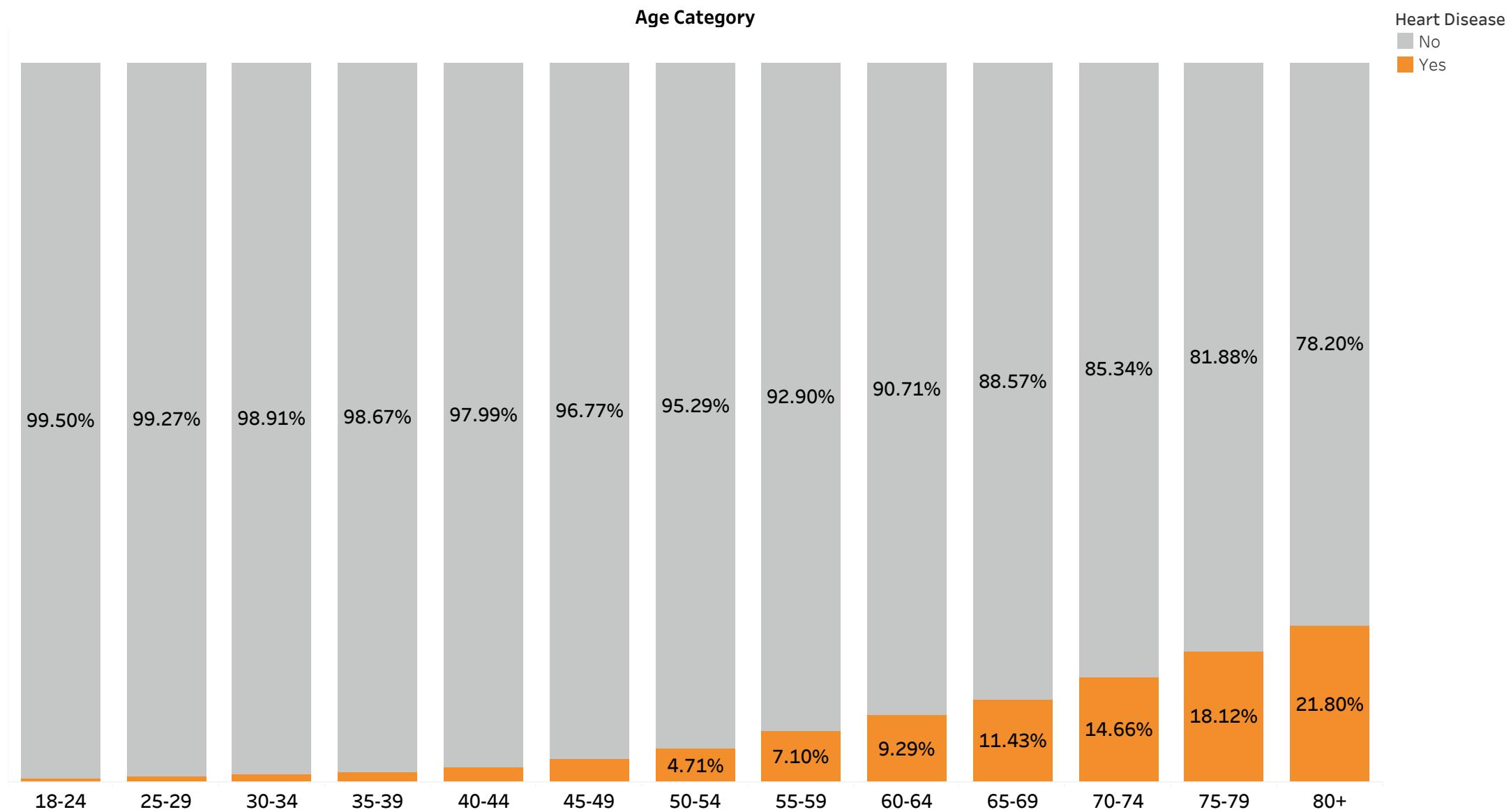
## Higher Heart Disease Reports Among Males.

Despite fewer males, heart disease prevalence rate is higher.



Count of Sex for each Sex. Colour shows details about Heart Disease.

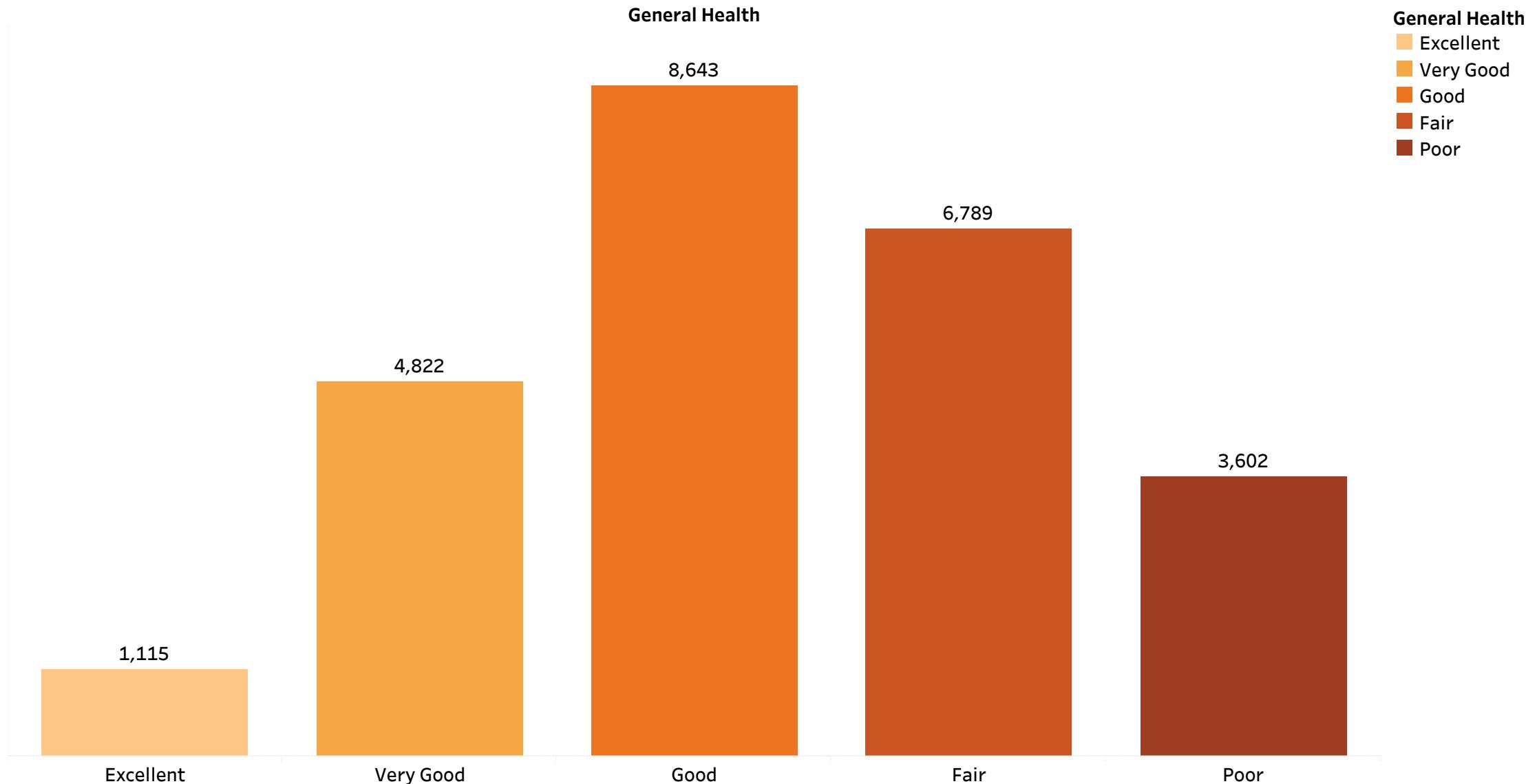
## Heart Disease Prevalence Increases with Age.



% of Total Count of Age Category for each Age Category. Colour shows details about Heart Disease.

## Perceived Health vs. Actual Heart Disease Prevalence.

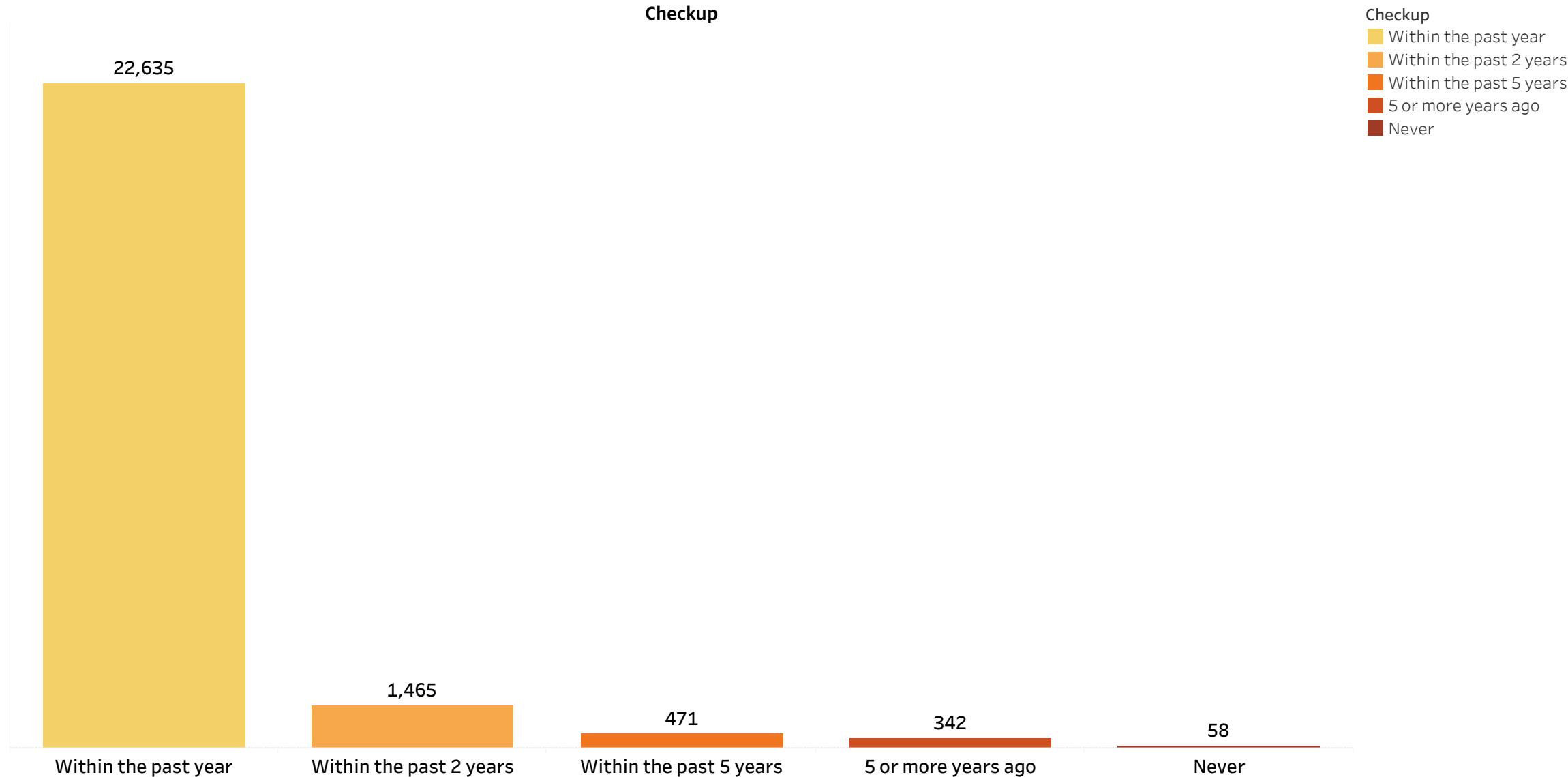
Self-assessment may not reflect true heart health.



Count of General Health for each General Health. Colour shows details about General Health. The data is filtered on Heart Disease, which keeps Yes.

## Heart Disease Prevalence by Checkup Frequency.

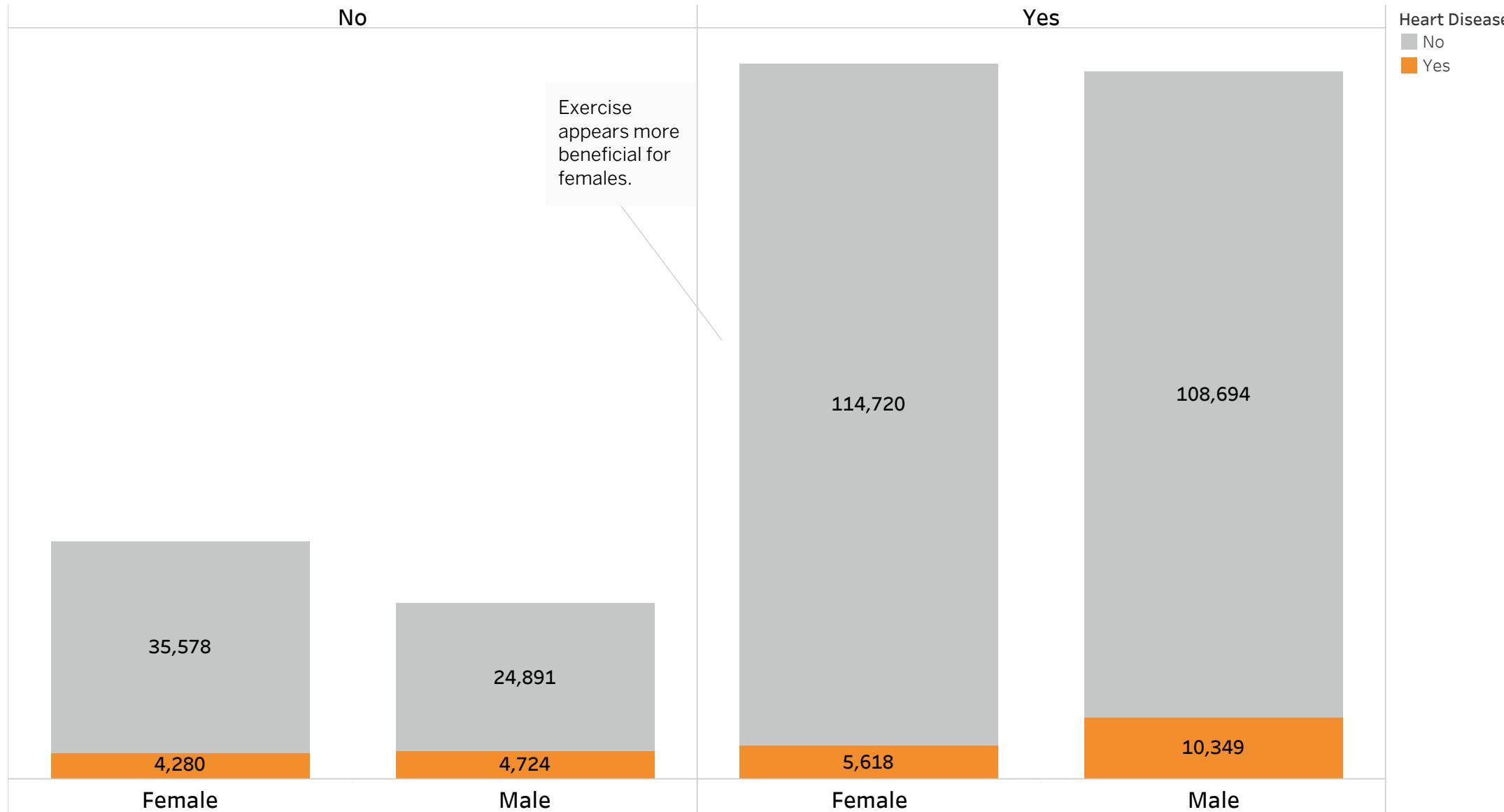
Regular checkups aid detection but don't guarantee heart disease immunity.



Count of Checkup for each Checkup. Colour shows details about Checkup. The data is filtered on Heart Disease, which keeps Yes.

## Exercise's Influence on Heart Disease Risk.

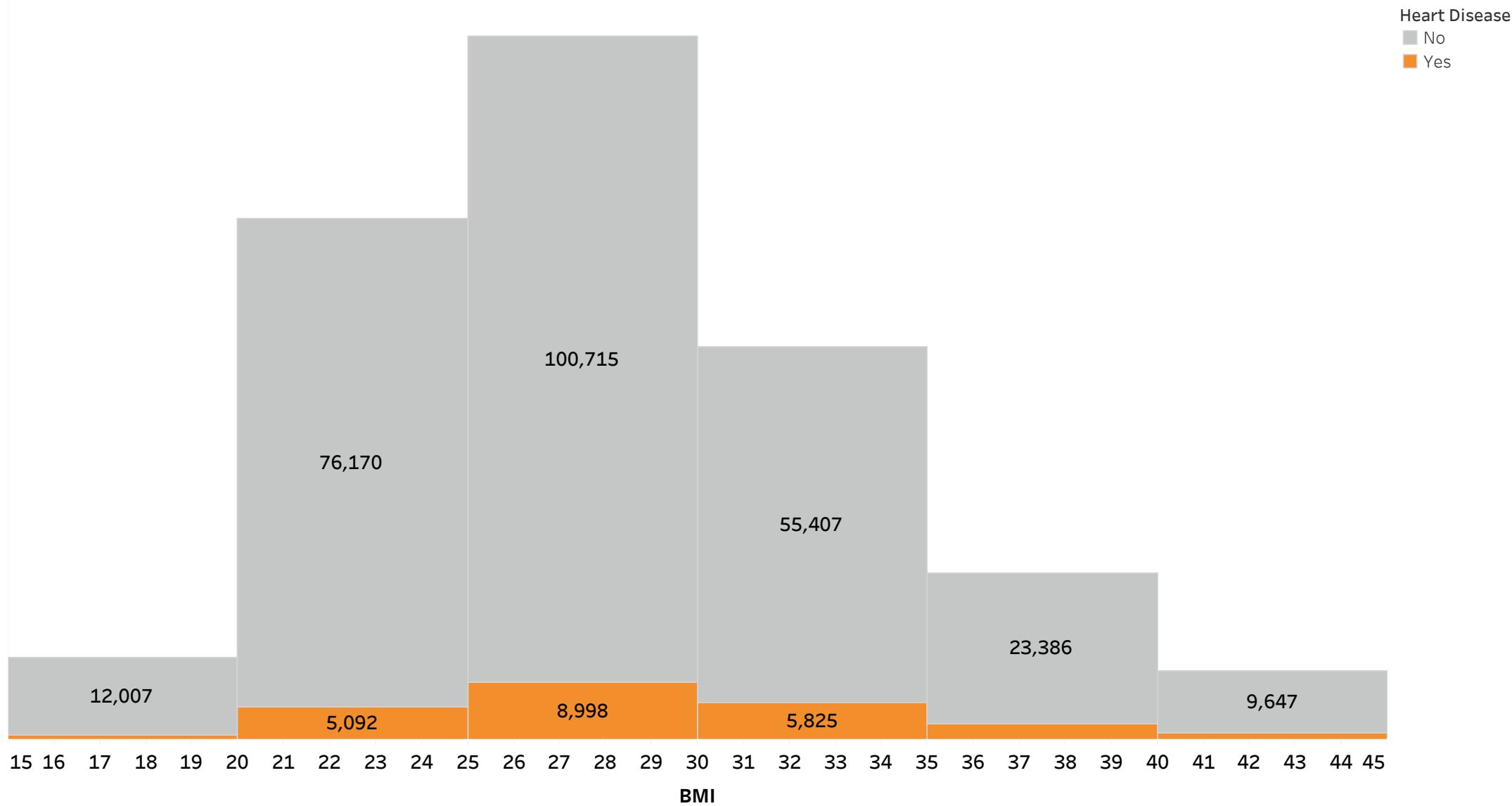
Reduced risk with exercise, but other factors play a role.



Count of Exercise for each Sex broken down by Exercise. Colour shows details about Heart Disease.

## Overweight Range Shows Highest Heart Disease Prevalence.

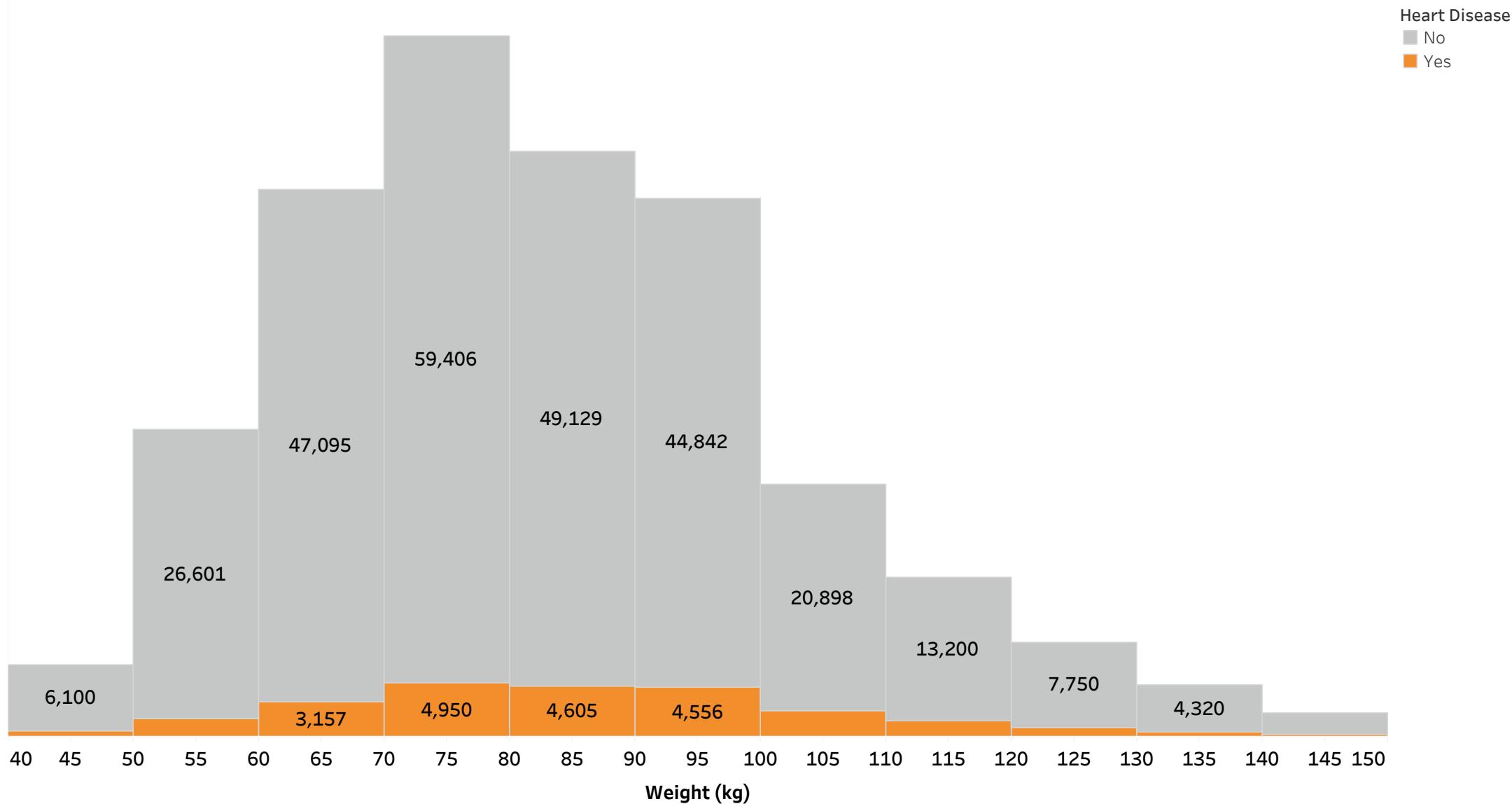
Majority fall between 25-30 BMI, correlating with increased CVD risk.



The trend of count of BMI for BMI (bin). Colour shows details about Heart Disease. The view is filtered on Exclusions (BMI (bin),Heart Disease), which keeps 32 members.

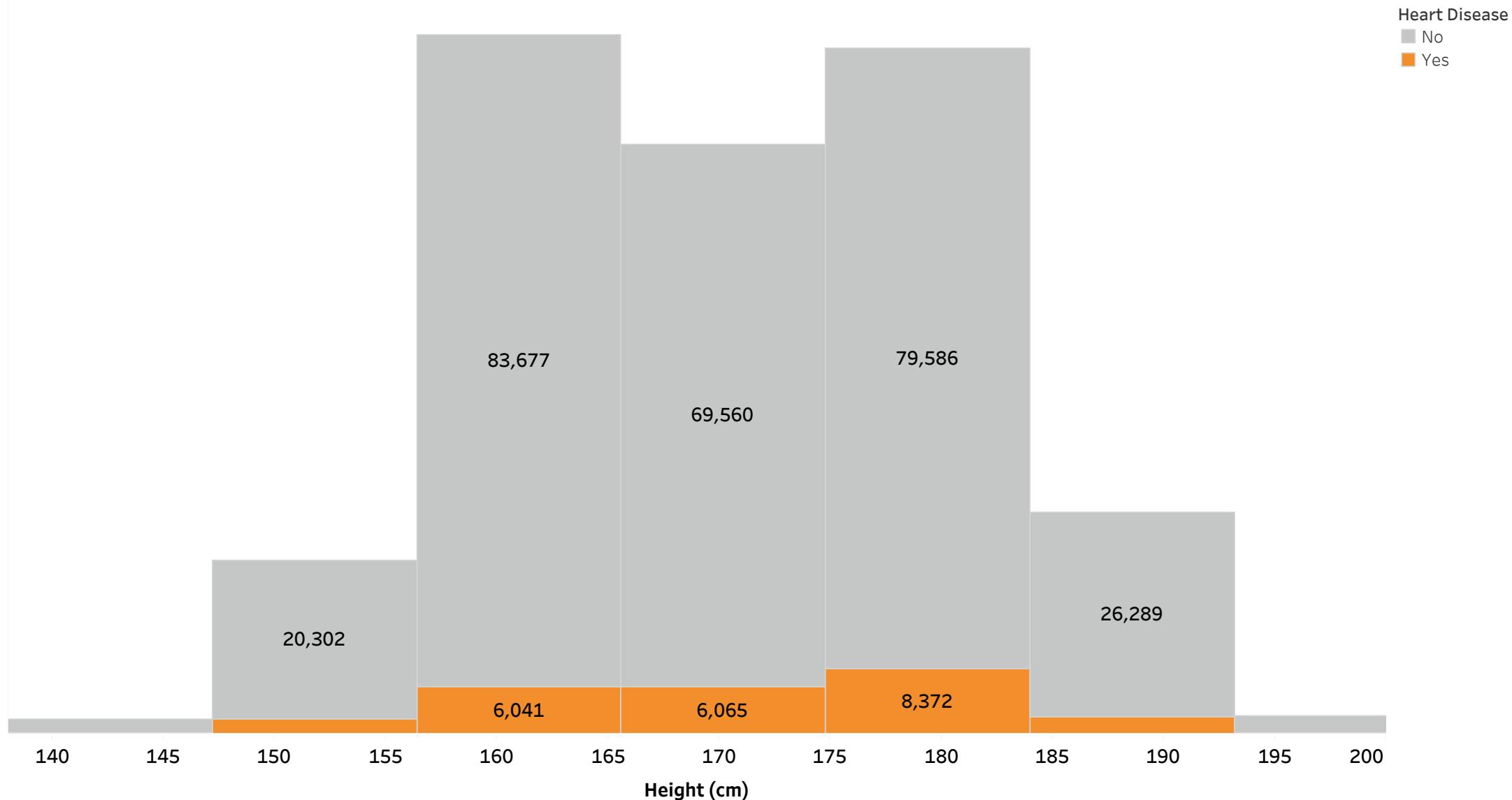
## 70-90 kg Weight Range Linked to Higher Heart Disease.

The majority of patients in this range face increased heart disease risks.



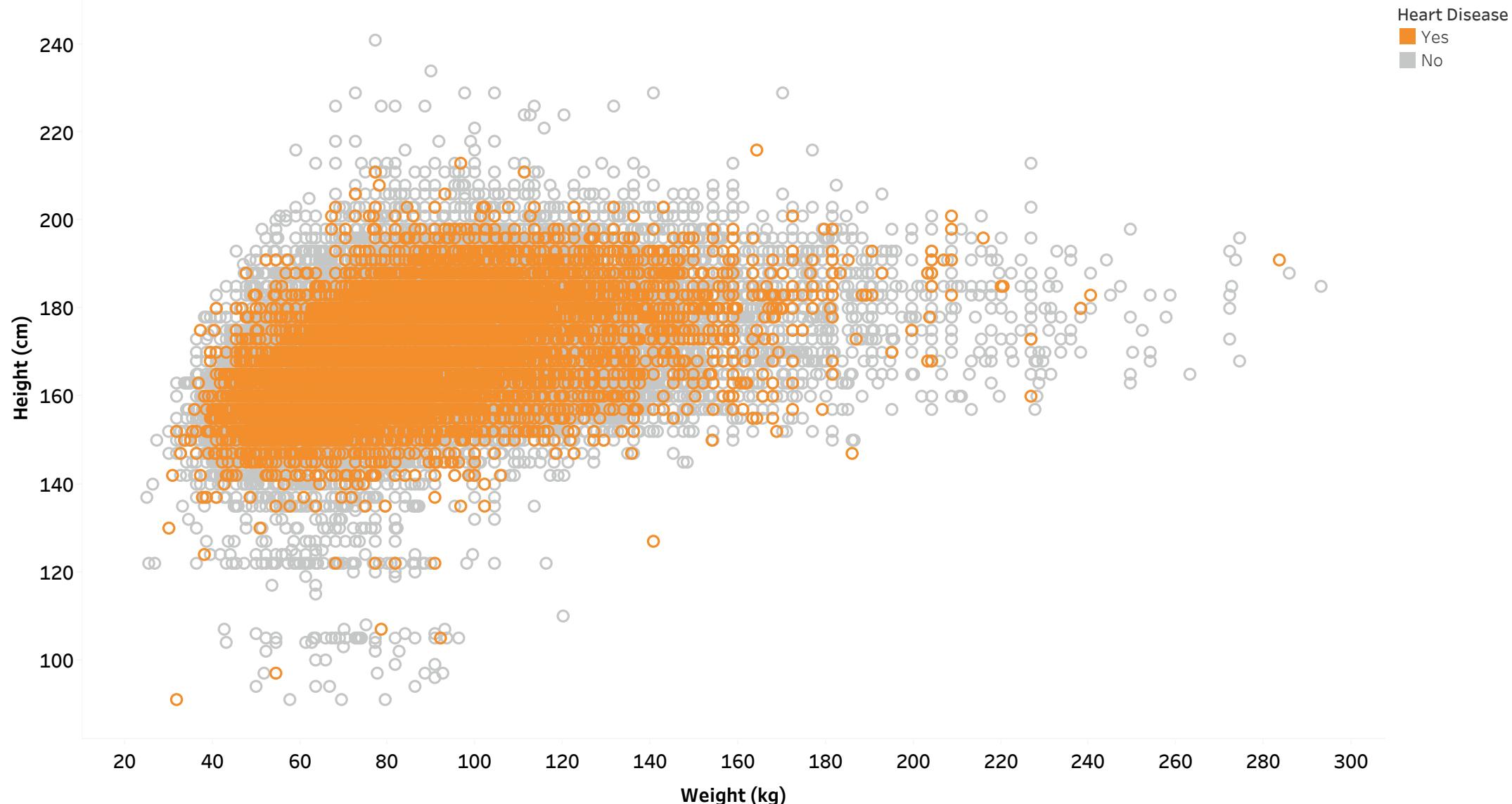
The trend of count of Weight kg for Weight kg (bin). Colour shows details about Heart Disease.

## Heart Disease Likelihood Consistent across Height Groups.



The trend of count of Height cm for Height cm (bin). Colour shows details about Heart Disease.

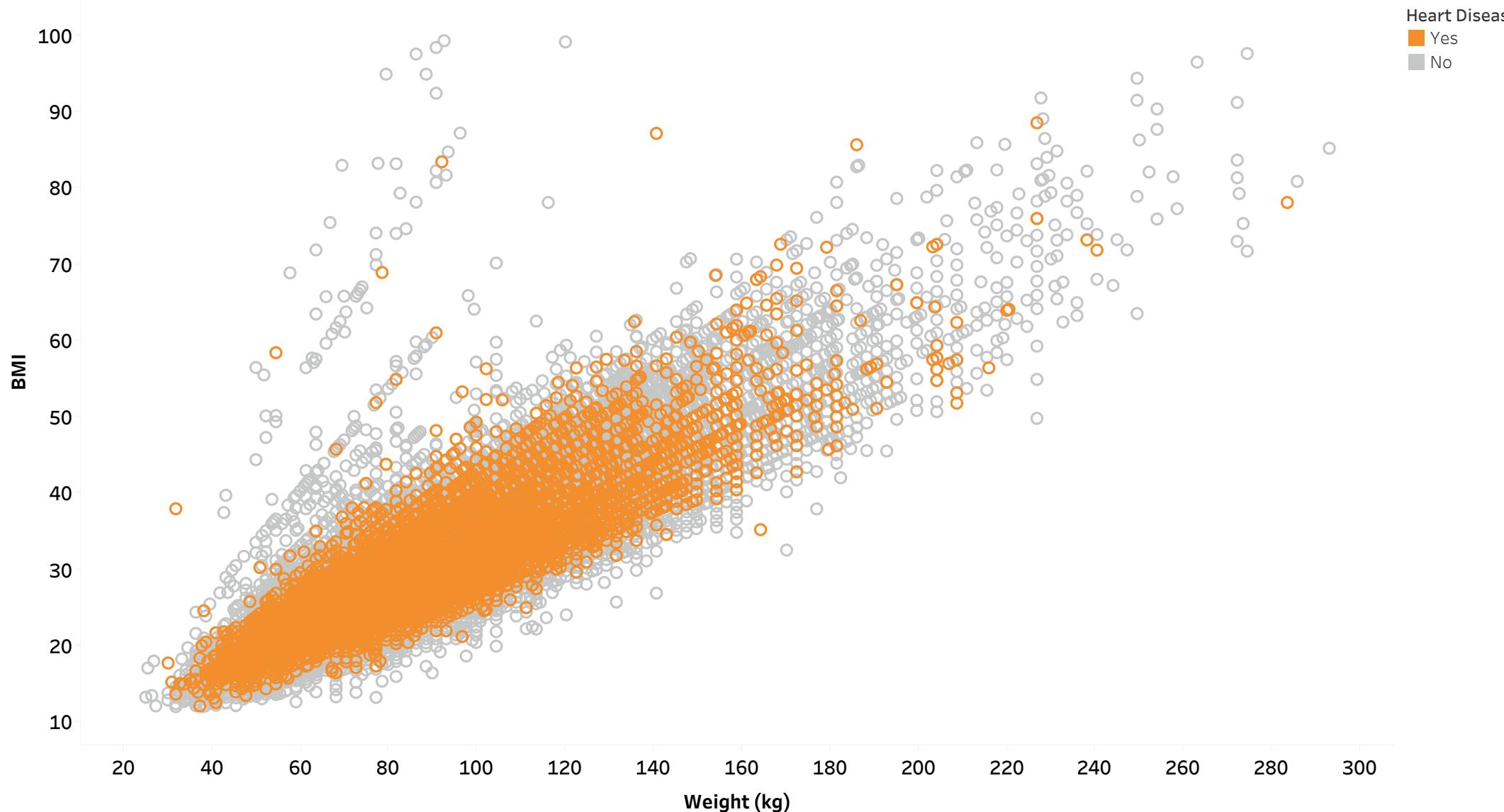
## Higher Weight Correlates with a Slight Heart Disease Increase.



Weight kg vs. Height cm. Colour shows details about Heart Disease.

## Higher BMI Often Aligns with Heart Disease Risk.

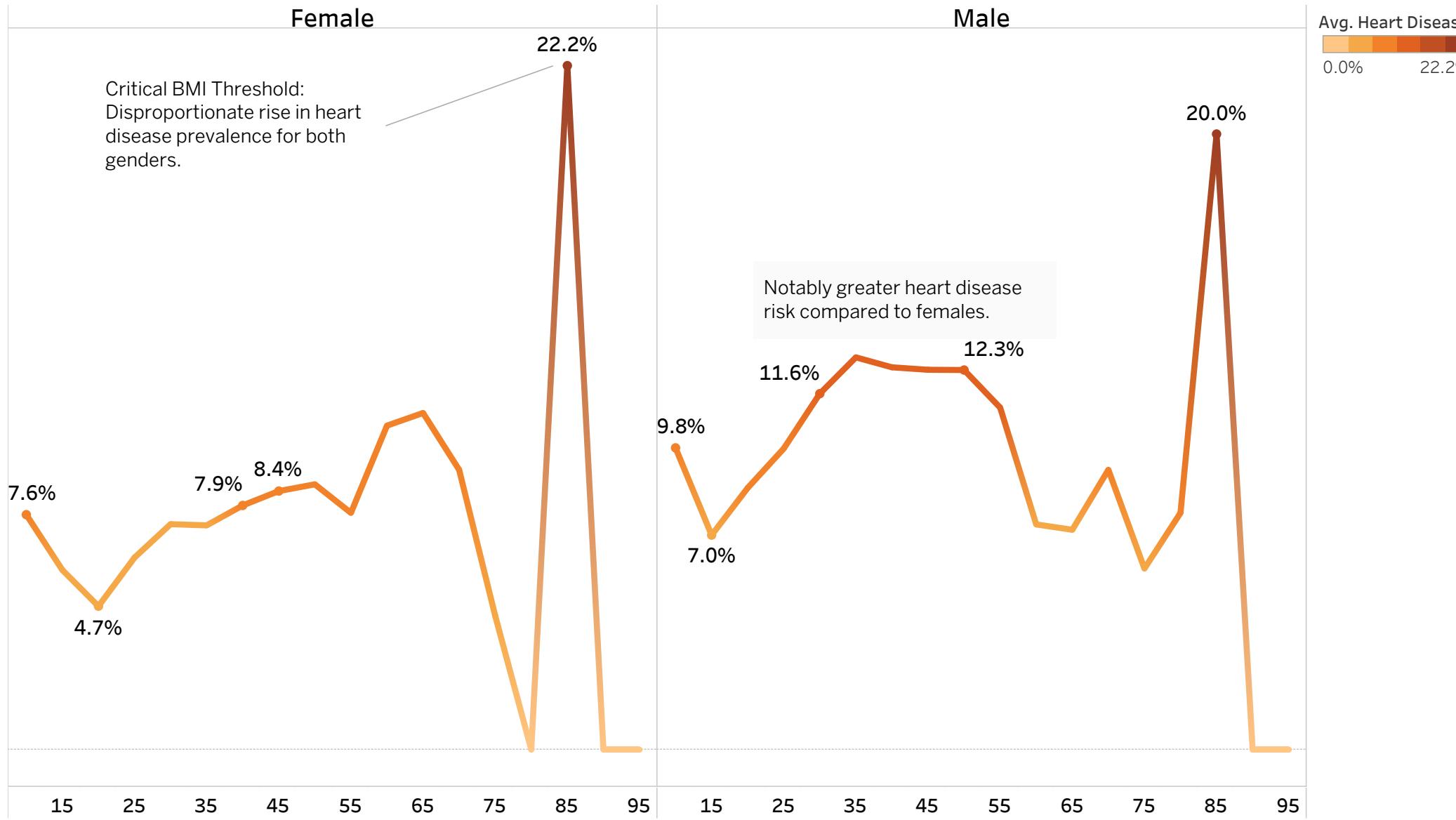
Exceptions present; outliers may indicate recording errors.



Weight kg vs. BMI. Colour shows details about Heart Disease.

## Heart Disease Prevalence Peaks at a BMI ~85.

Males with high BMI have a slightly higher risk.

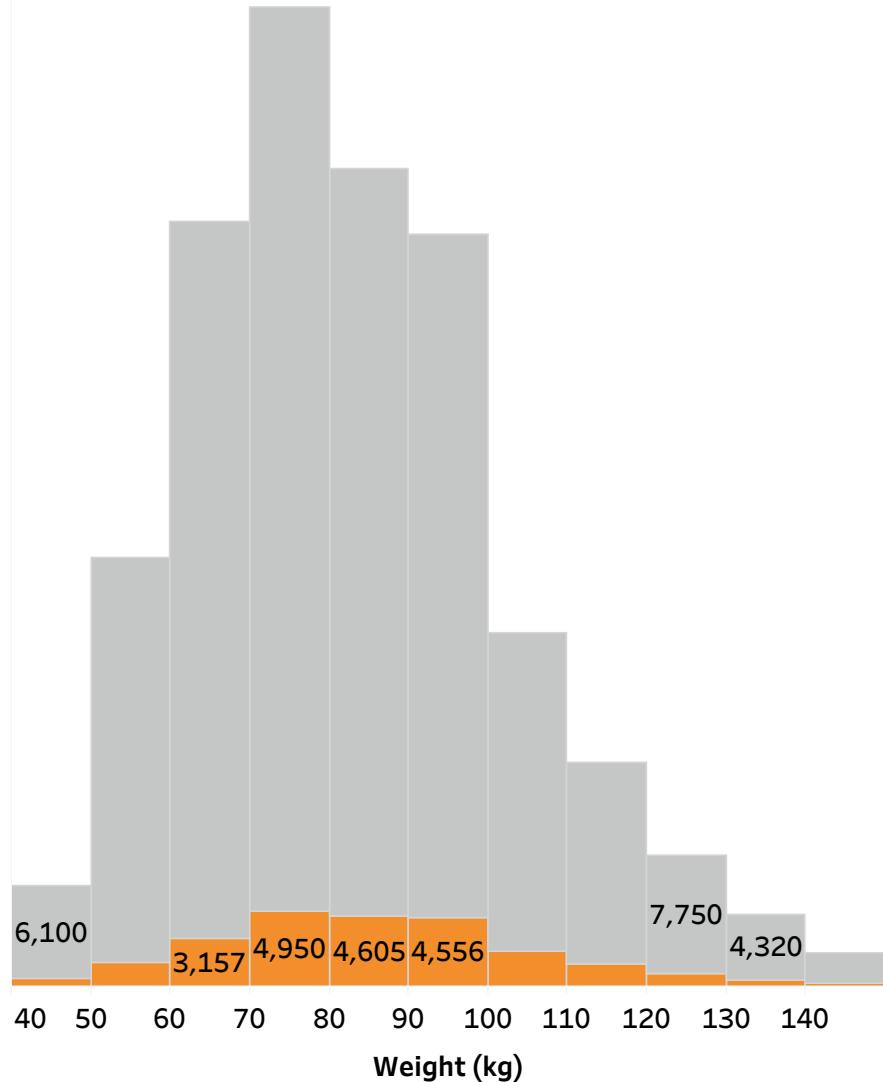


The trend of average of Has Heart Disease Int for BMI (bin) broken down by Sex. Colour shows average of Has Heart Disease Int.

### BMI, Height, & Weight Relationship

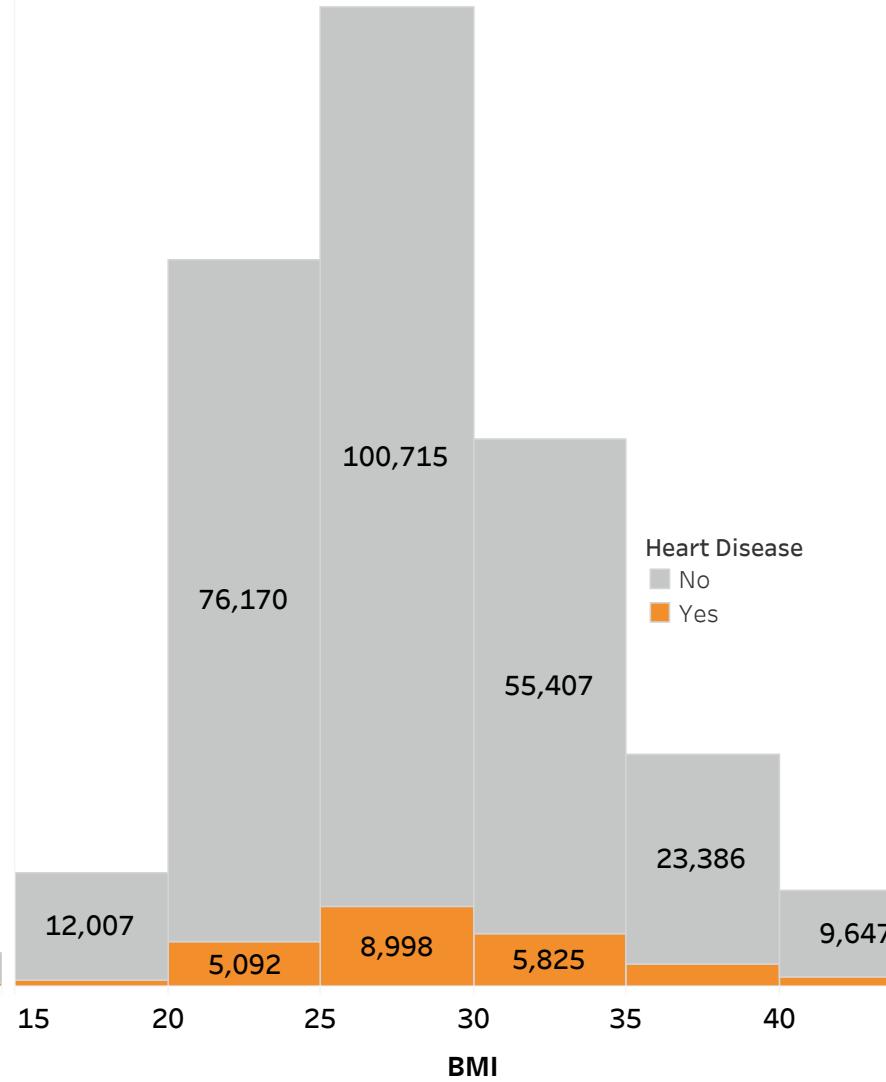
#### 70-90 kg Weight Range Linked to Higher Heart Disease.

The majority of patients in this range face increased heart disease risks.

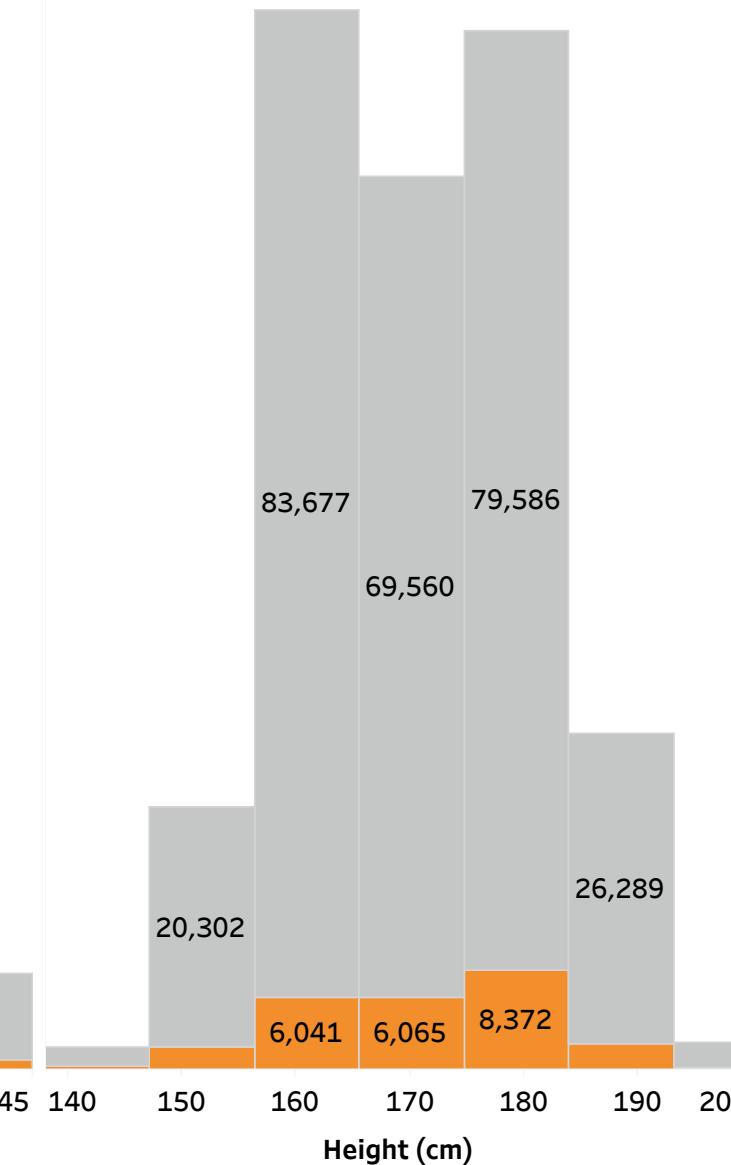


#### Overweight Range Shows Highest Heart Disease Prevalence.

Majority fall between 25-30 BMI, correlating with increased CVD risk.



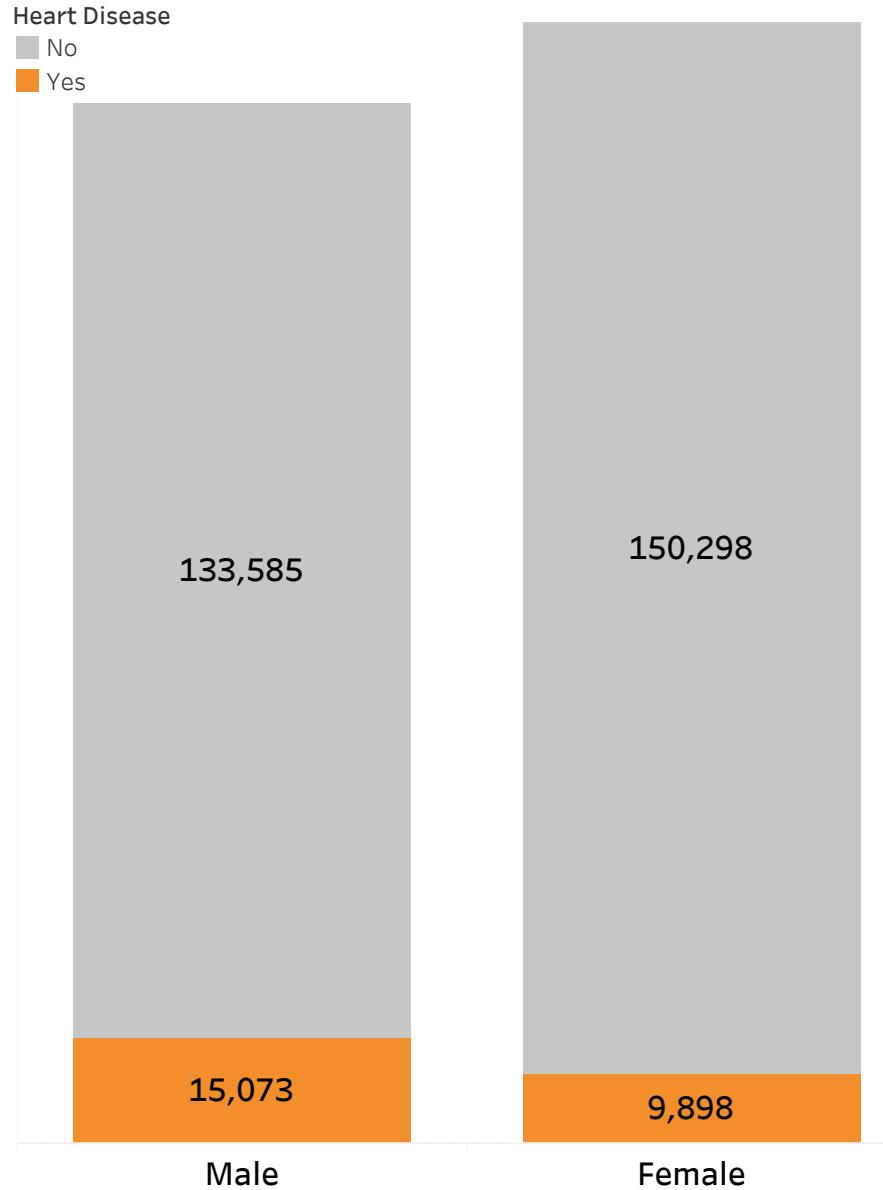
#### Heart Disease Likelihood Consistent across Height Groups.



### BMI & Gender in Relation to Heart Disease

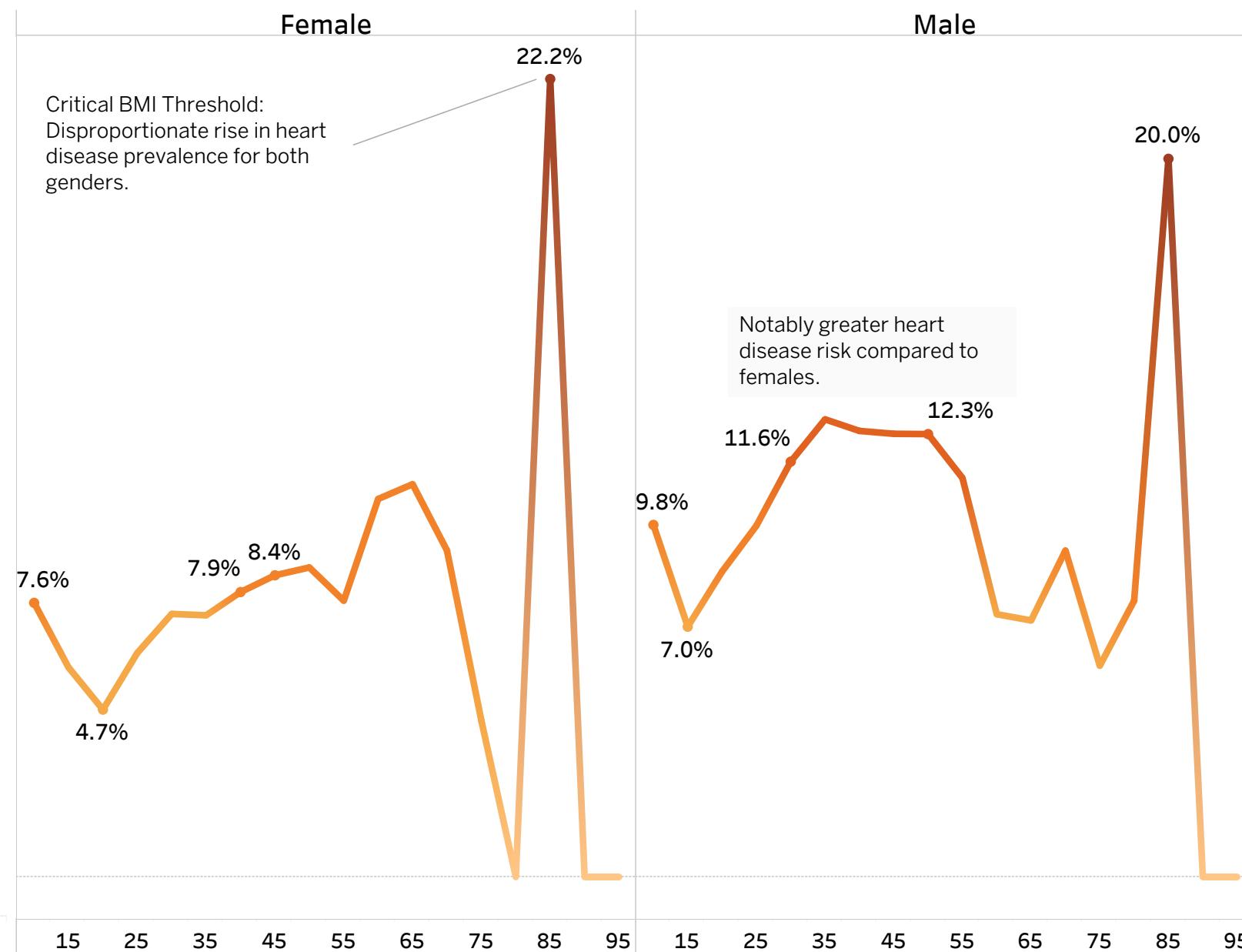
#### **Higher Heart Disease Reports Among Males.**

Despite fewer males, heart disease prevalence rate is higher.



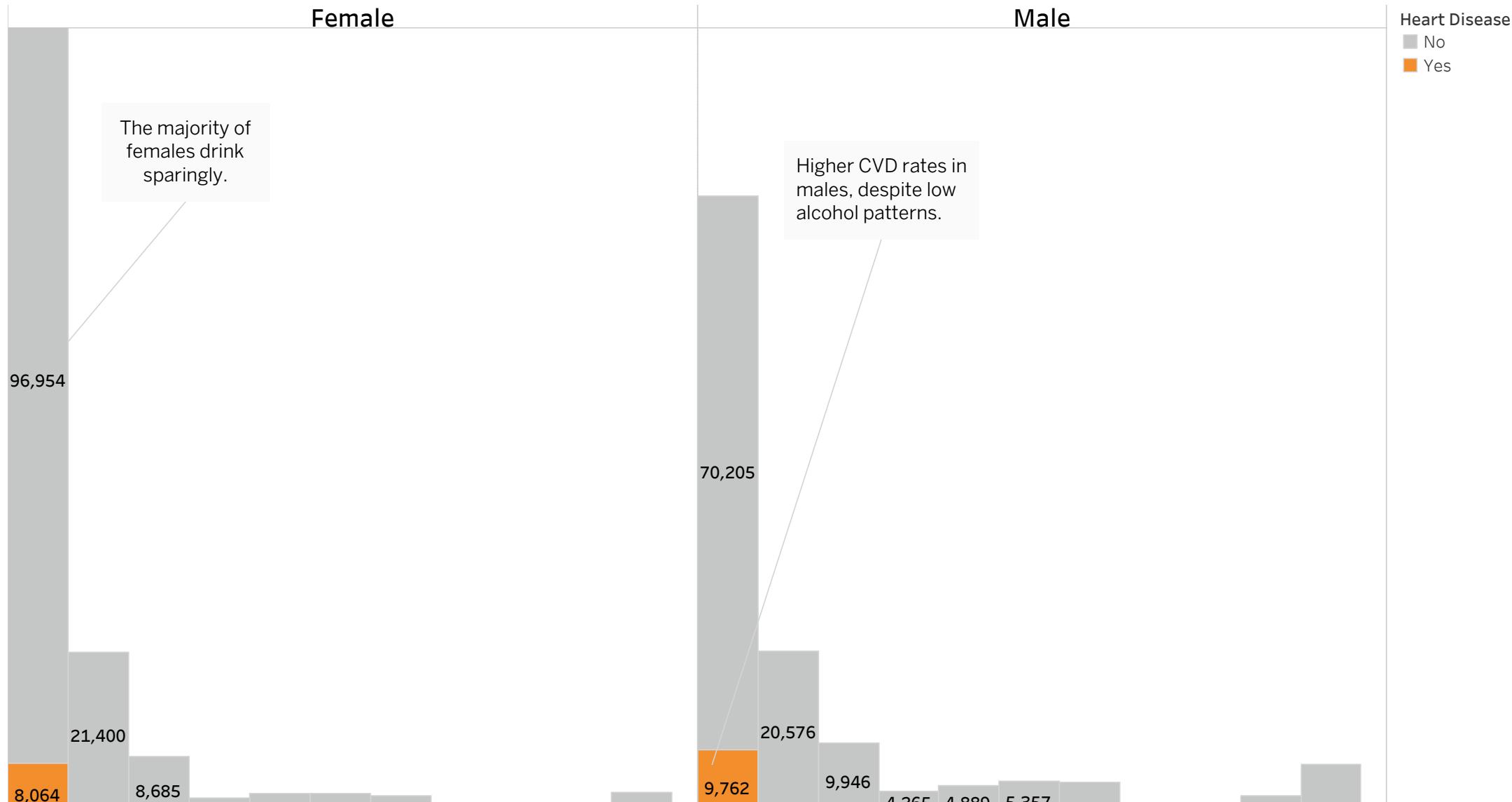
#### **Heart Disease Prevalence Peaks at a BMI ~85.**

Males with high BMI have a slightly higher risk.



## Alcohol Consumption Has Minimal Impact on Heart Disease Prevalence.

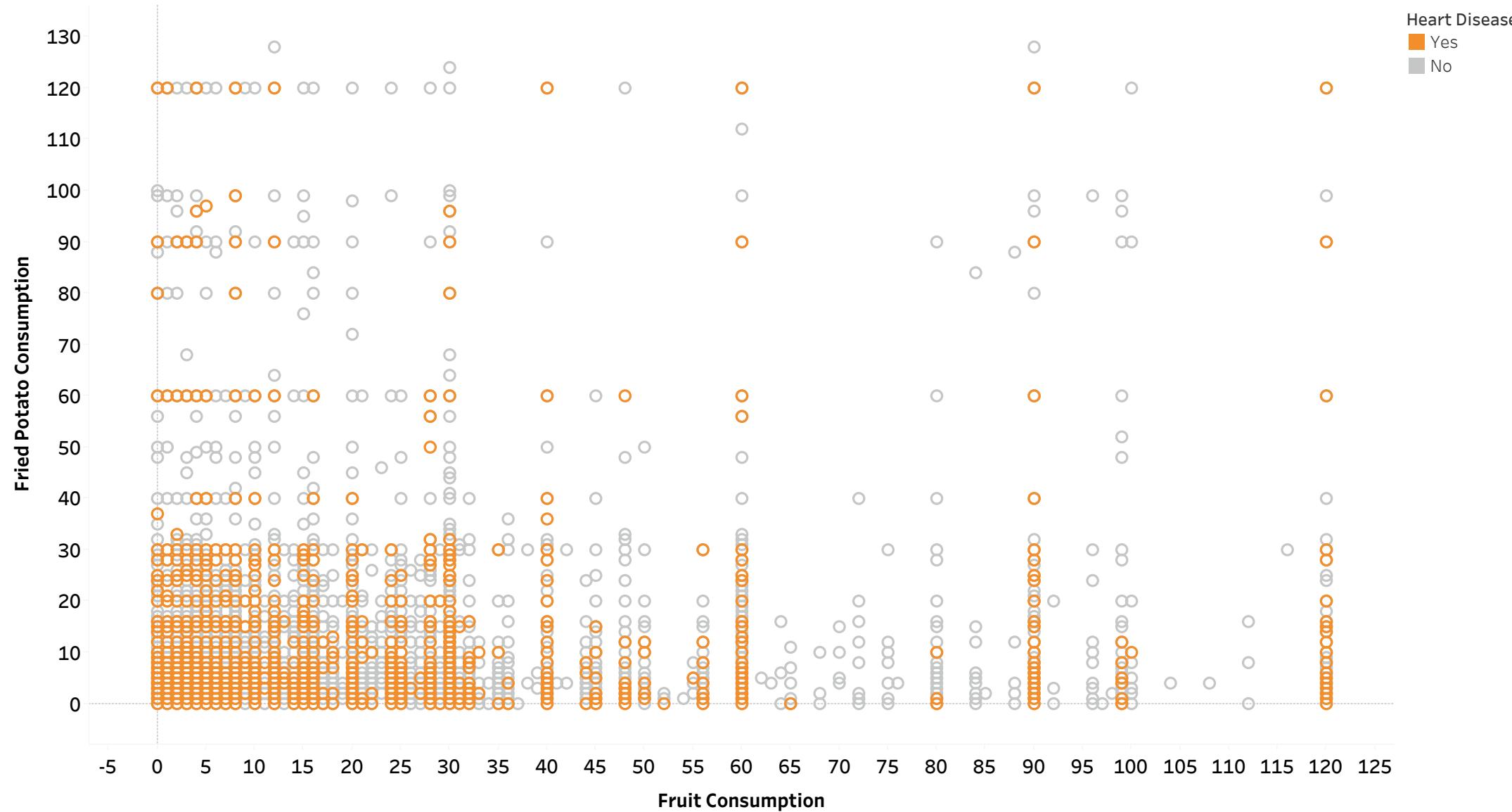
Despite low alcohol intake in both genders, high heart disease prevalence persists, especially in males.



The plot of count of Alcohol Consumption for Alcohol Consumption (bin) broken down by Sex. Colour shows details about Heart Disease.

## Higher Fruit Intake Correlates with Lower Heart Disease.

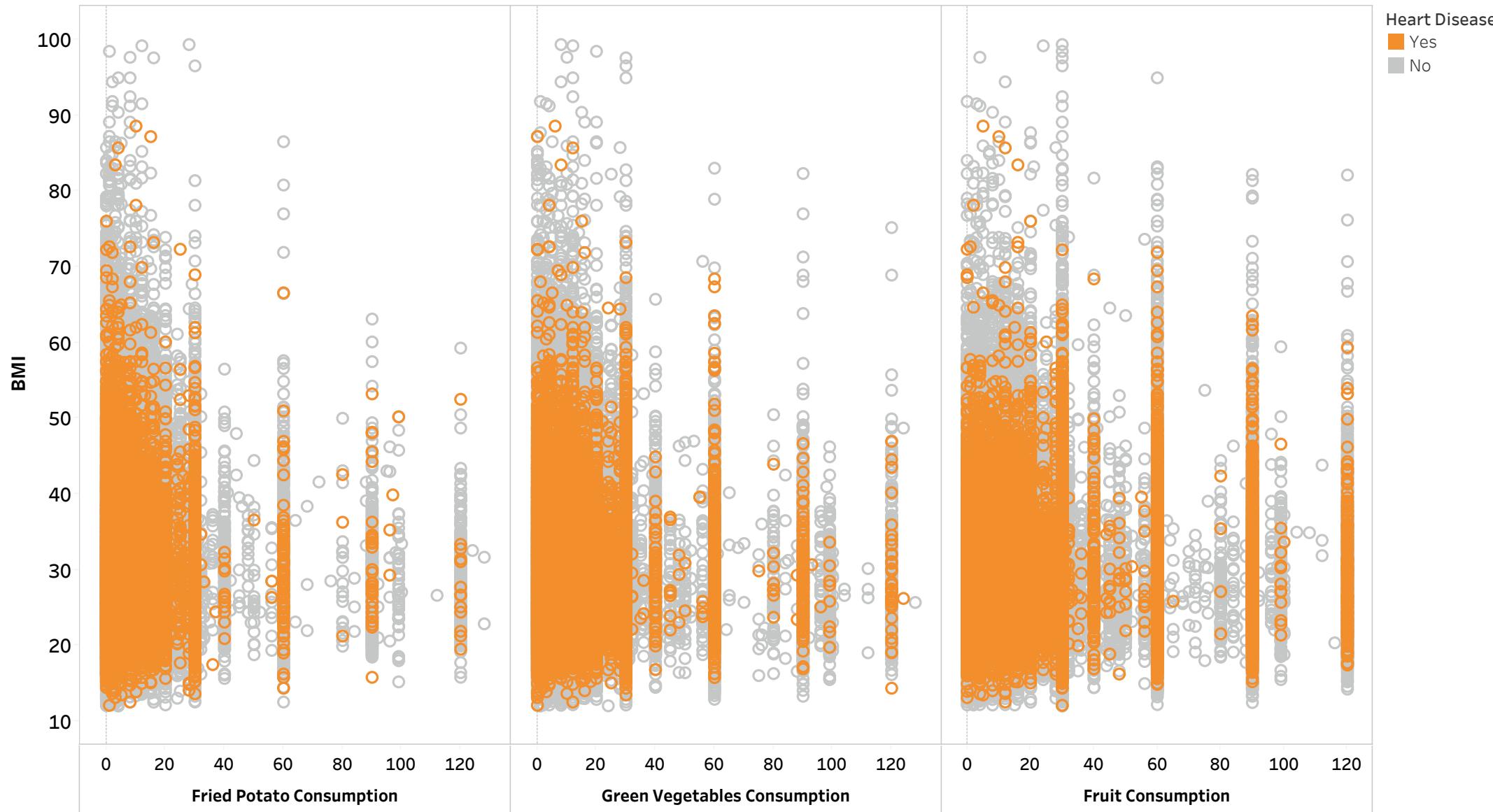
Significant decline in heart disease observed beyond 60 units of fruit consumption.



Fruit Consumption vs. FriedPotato Consumption. Colour shows details about Heart Disease.

## High BMI Increase Heart Disease Risk with Increased Fried Potato Intake.

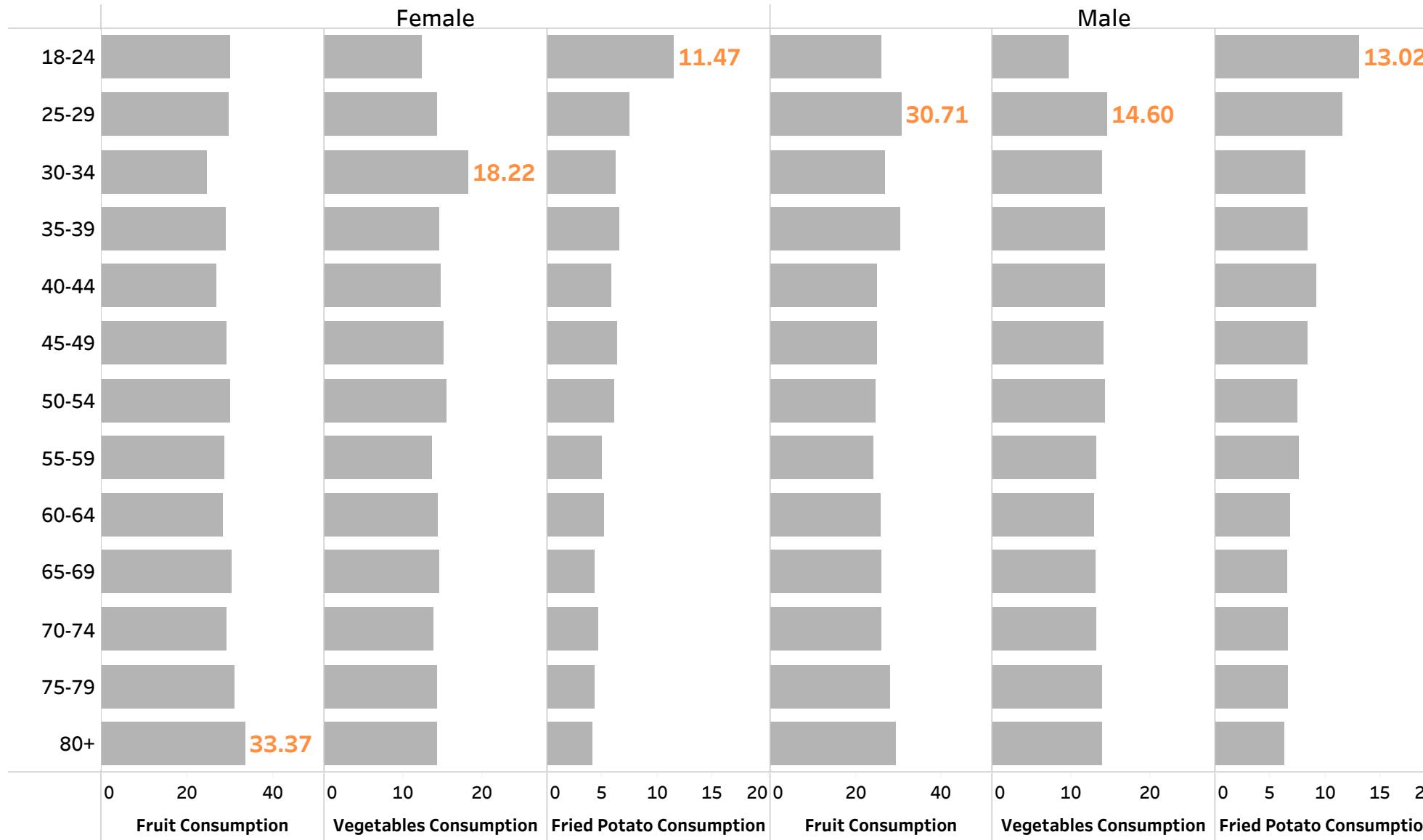
Green veggies and fruit show inconclusive trends with heart disease.



Fried Potato Consumption, Green Vegetables Consumption and Fruit Consumption vs. BMI. Colour shows details about Heart Disease.

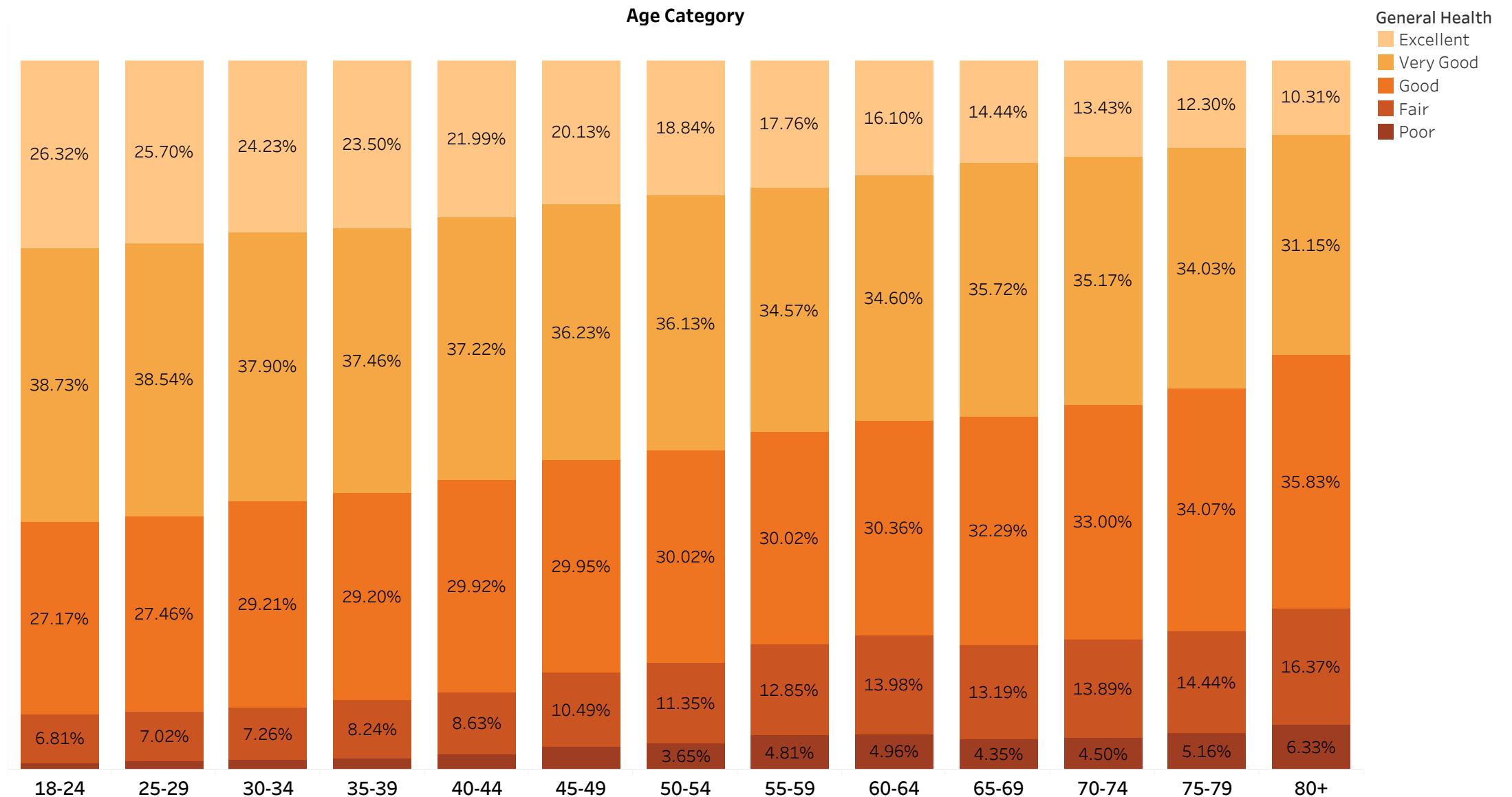
## Males' Dietary Choices Show Increased Heart Disease Risk.

Males consume fewer fruits and vegetables, but more fried potato than their female counterparts.



Average of Fruit Consumption, average of Green Vegetables Consumption, and average of Fried Potato Consumption for each Age Category broken down by Gender. The data is filtered on Heart Disease, which keeps No and Yes.

## Ageing Links to Diminishing Positive Health Perceptions.



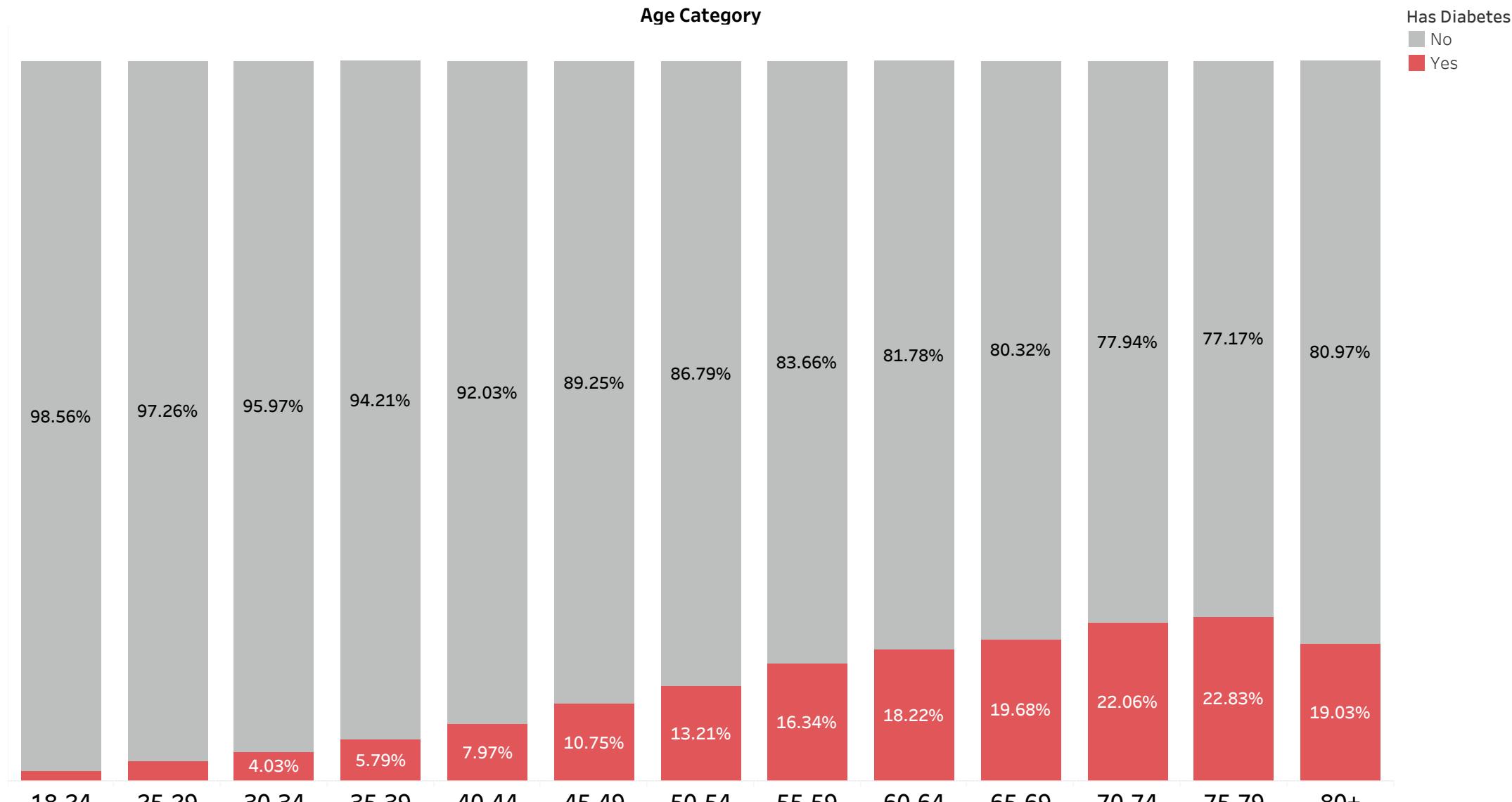
% of Total Count of Age Category for each Age Category. Colour shows details about General Health.

**General Health**

- Excellent
- Very Good
- Good
- Fair
- Poor

## Elderly Age Groups Show Highest Diabetes Prevalence.

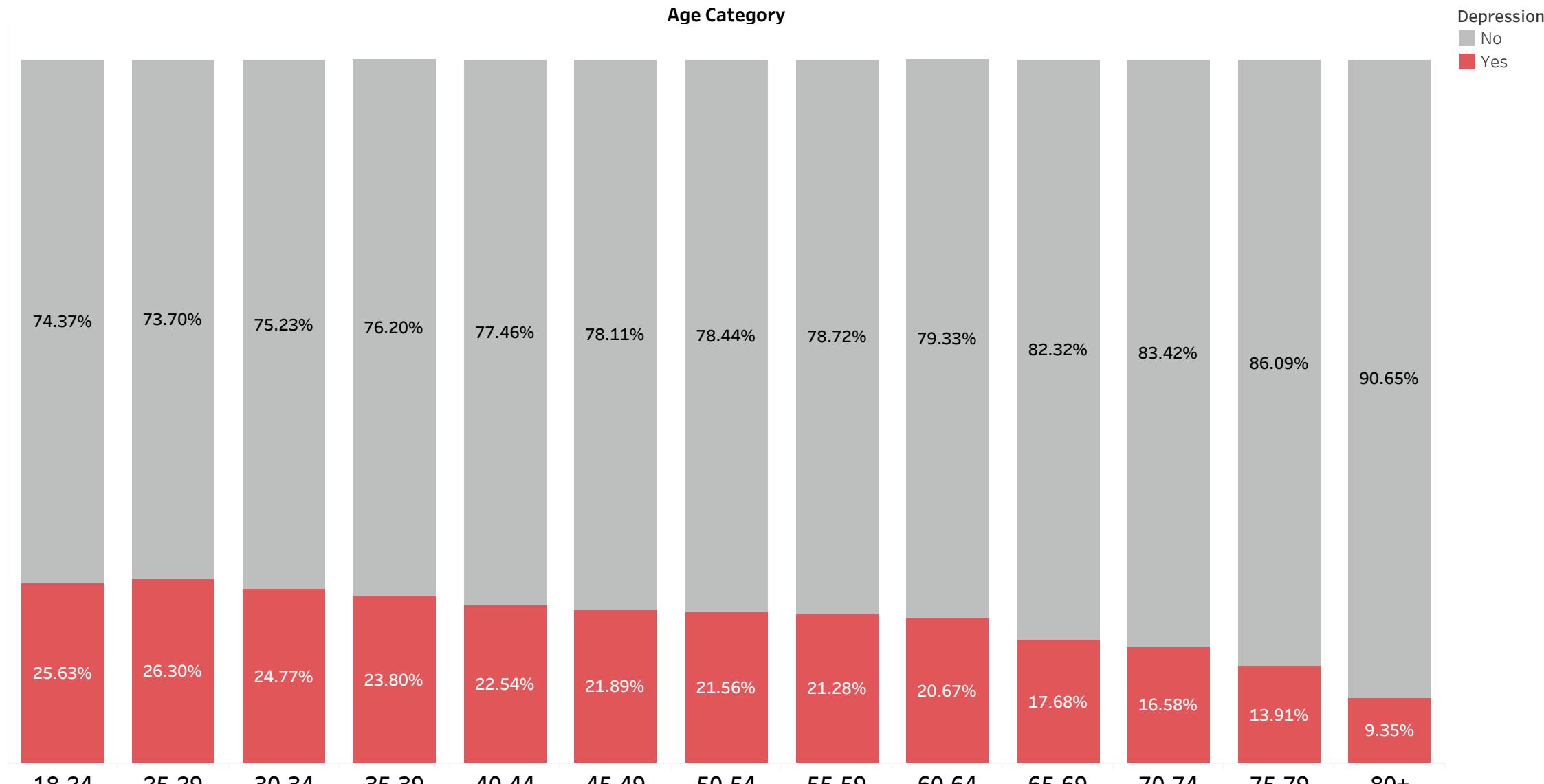
Diabetes is most common in 70-74 age bracket.



% of Total Count of Age Category for each Age Category. Colour shows details about Has Diabetes. The data is filtered on Sex, which keeps Female and Male.

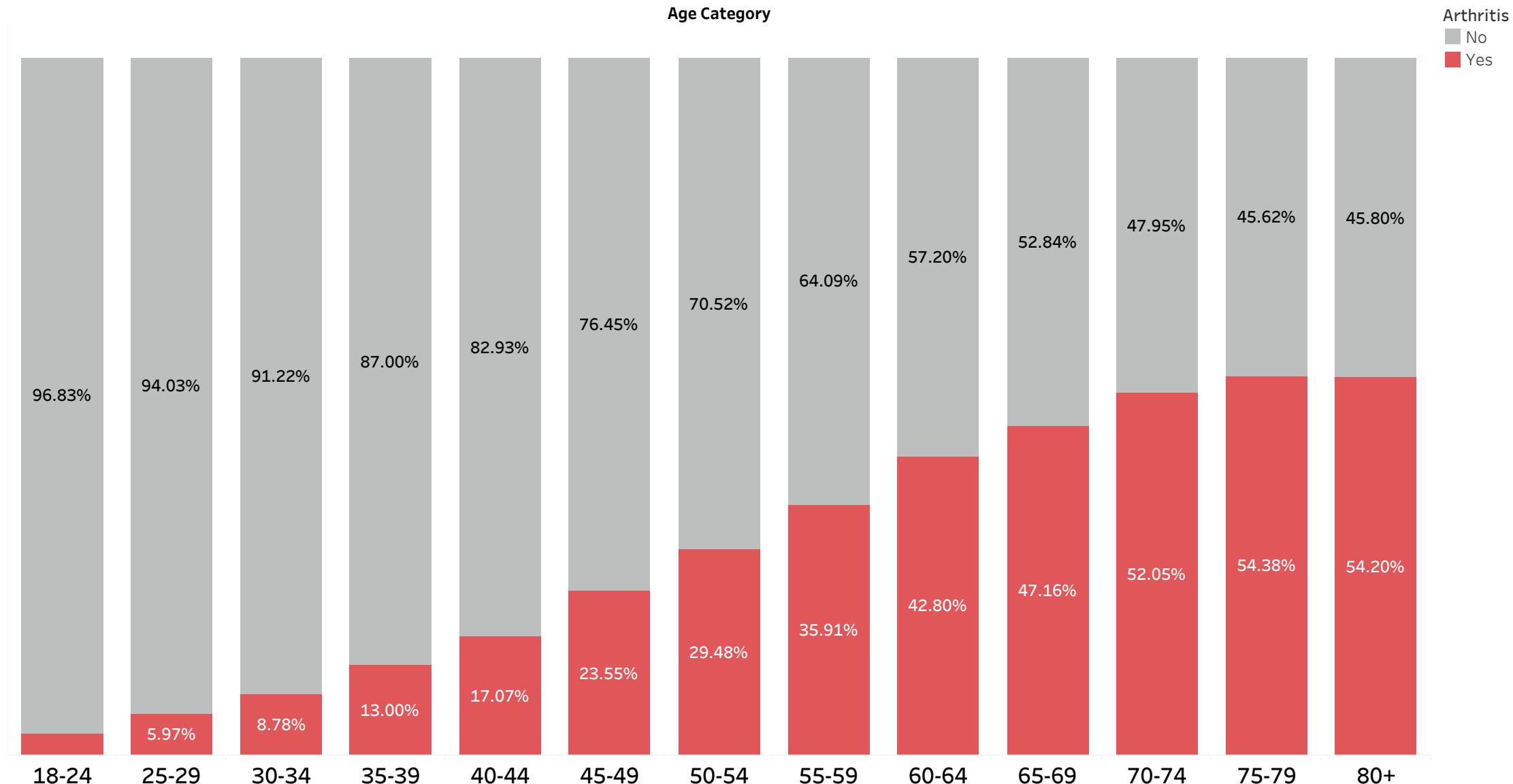
## Depression Rates Steady Except in Older Age Groups.

Significant drop in depression observed in ages 75+



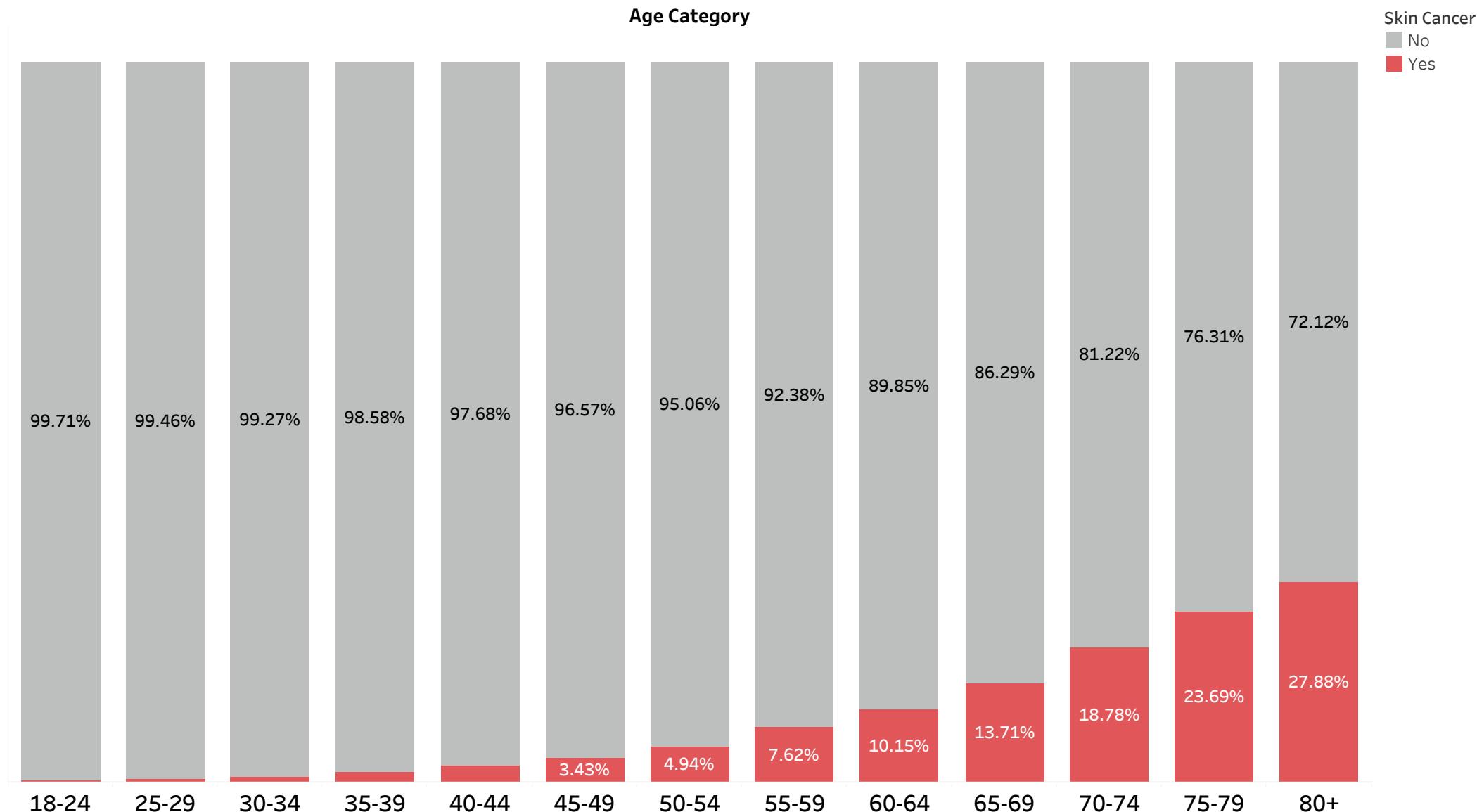
% of Total Count of Age Category for each Age Category. Colour shows details about Depression.

## Arthritis Prevalence Increases with Age with It Being Highest in Ages 60-74.



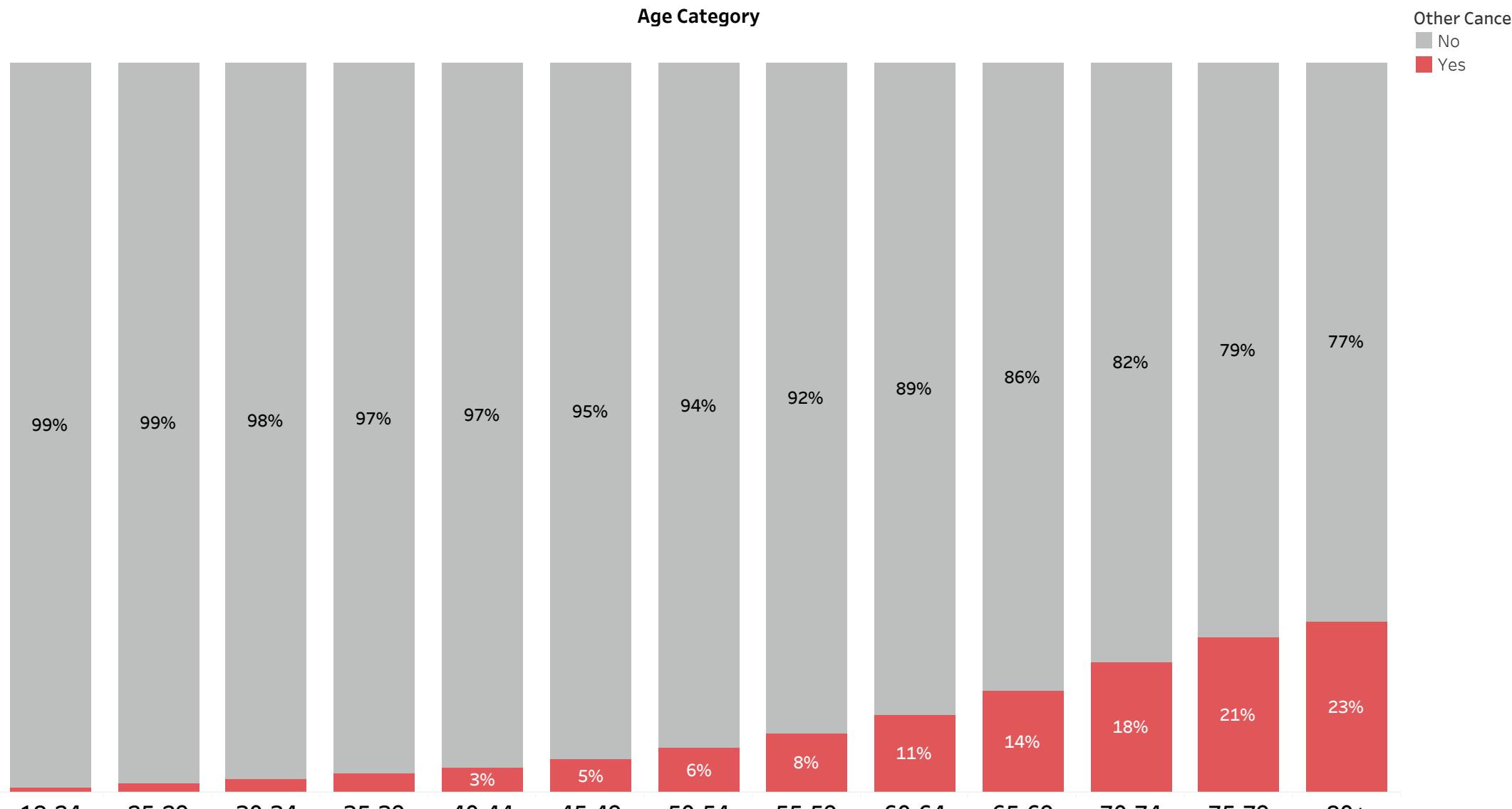
% of Total Count of Age Category for each Age Category. Colour shows details about Arthritis.

## Skin Cancer Increases with Age, with It Being Most Common in the 80+ Age Category.



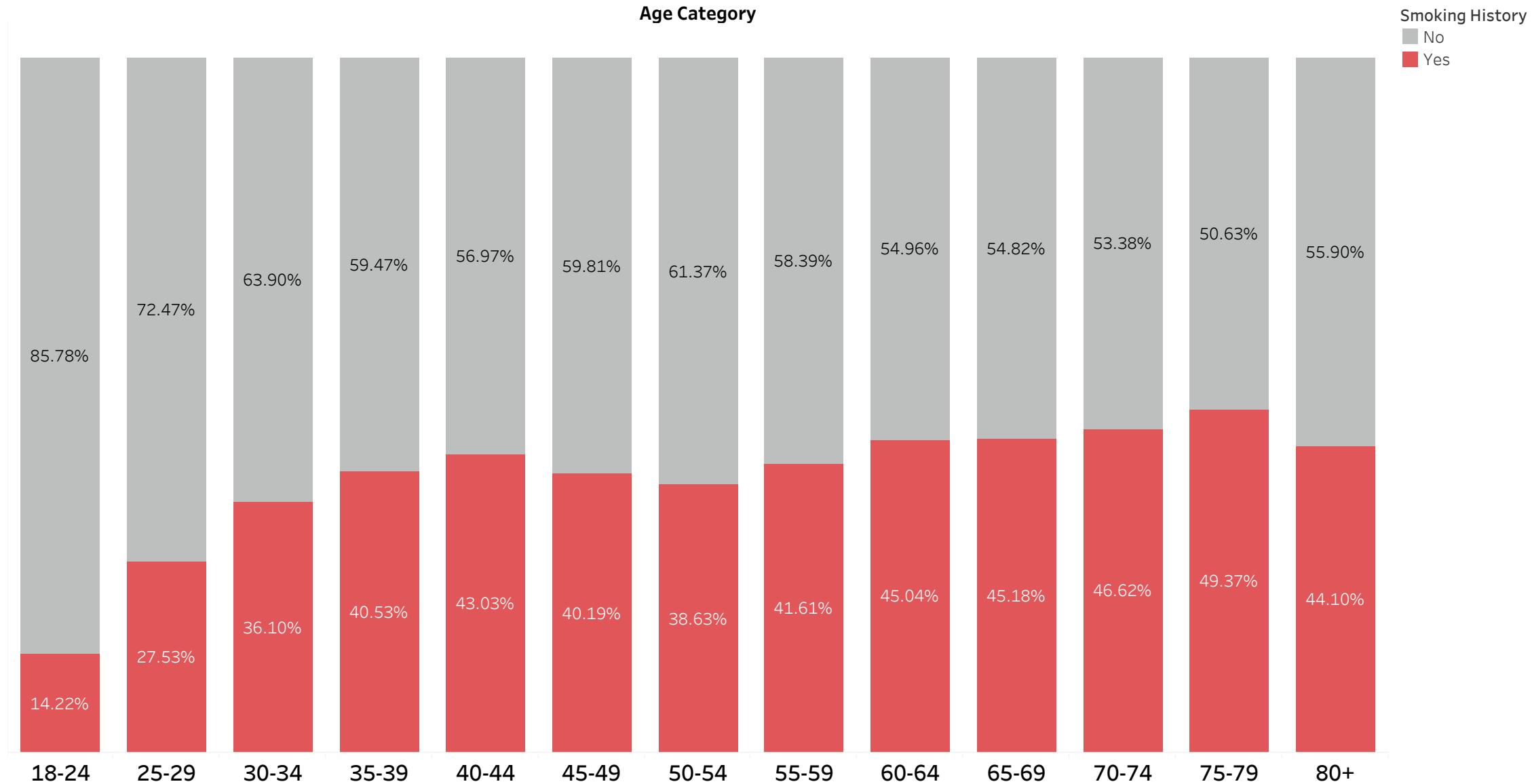
% of Total Count of Age Category for each Age Category. Colour shows details about Skin Cancer.

**Other Cancer Types are Also Significantly Higher in Elderly Age Groups, with it Being the Most Common in the 70-74 Age Category.**



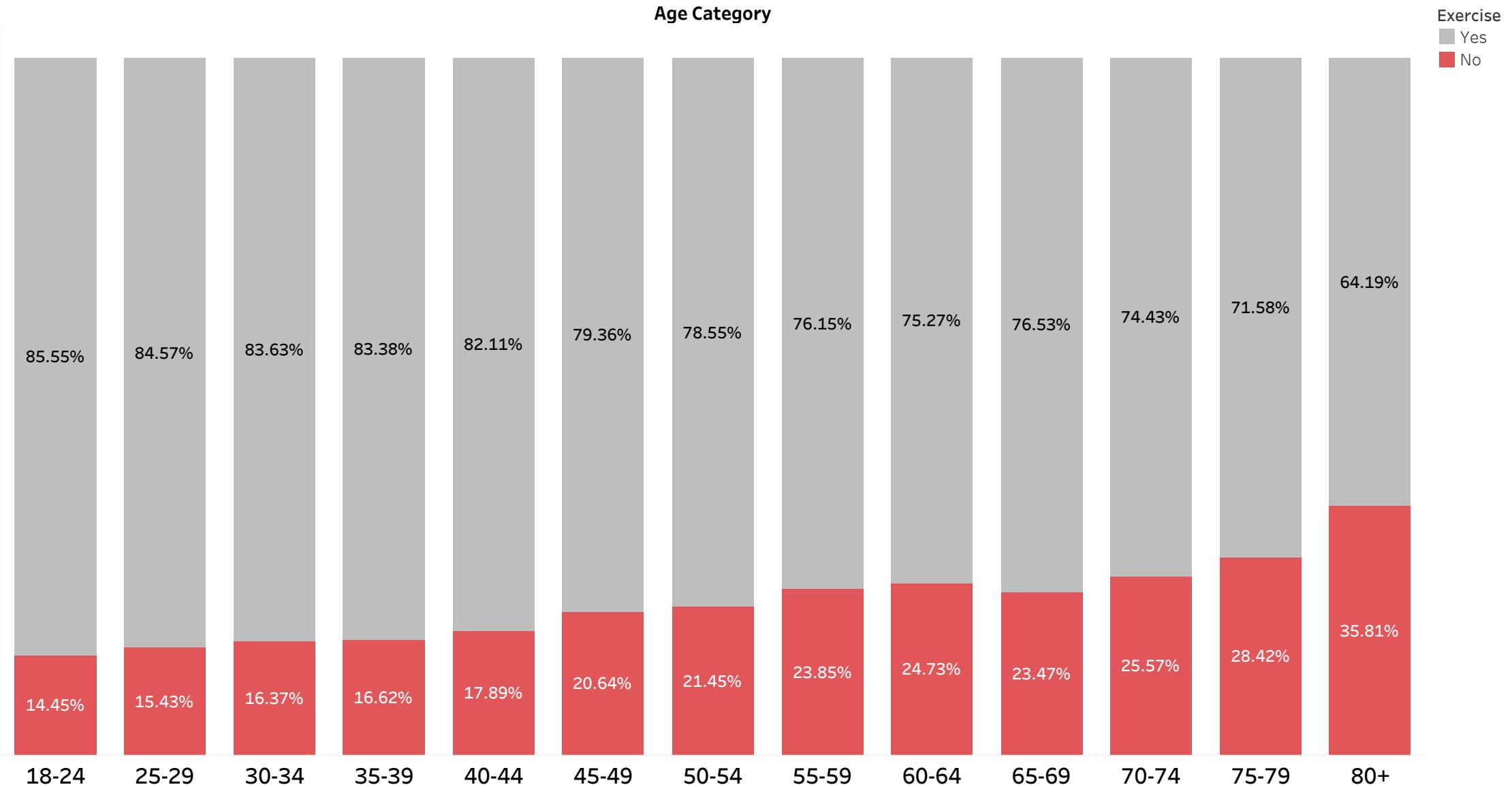
% of Total Count of Age Category for each Age Category. Colour shows details about Other Cancer.

## Increasing Smoking History with Age, with Fluctuations in Mid-life. Overall High in Most Age Groups.



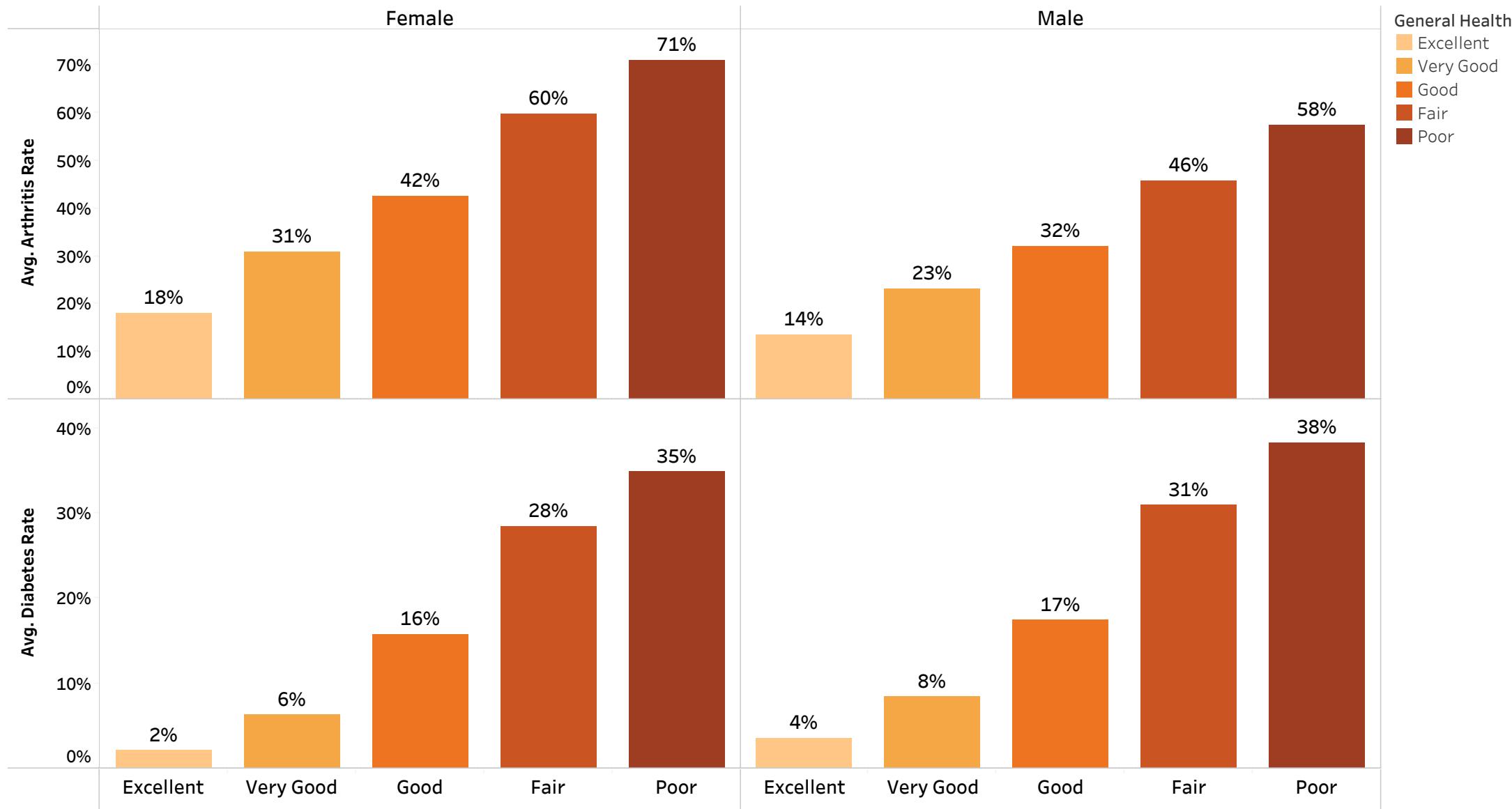
% of Total Count of Age Category for each Age Category. Colour shows details about Smoking History.

## Consistent Exercise Habits with Significant Decline in 80+ Age Group.



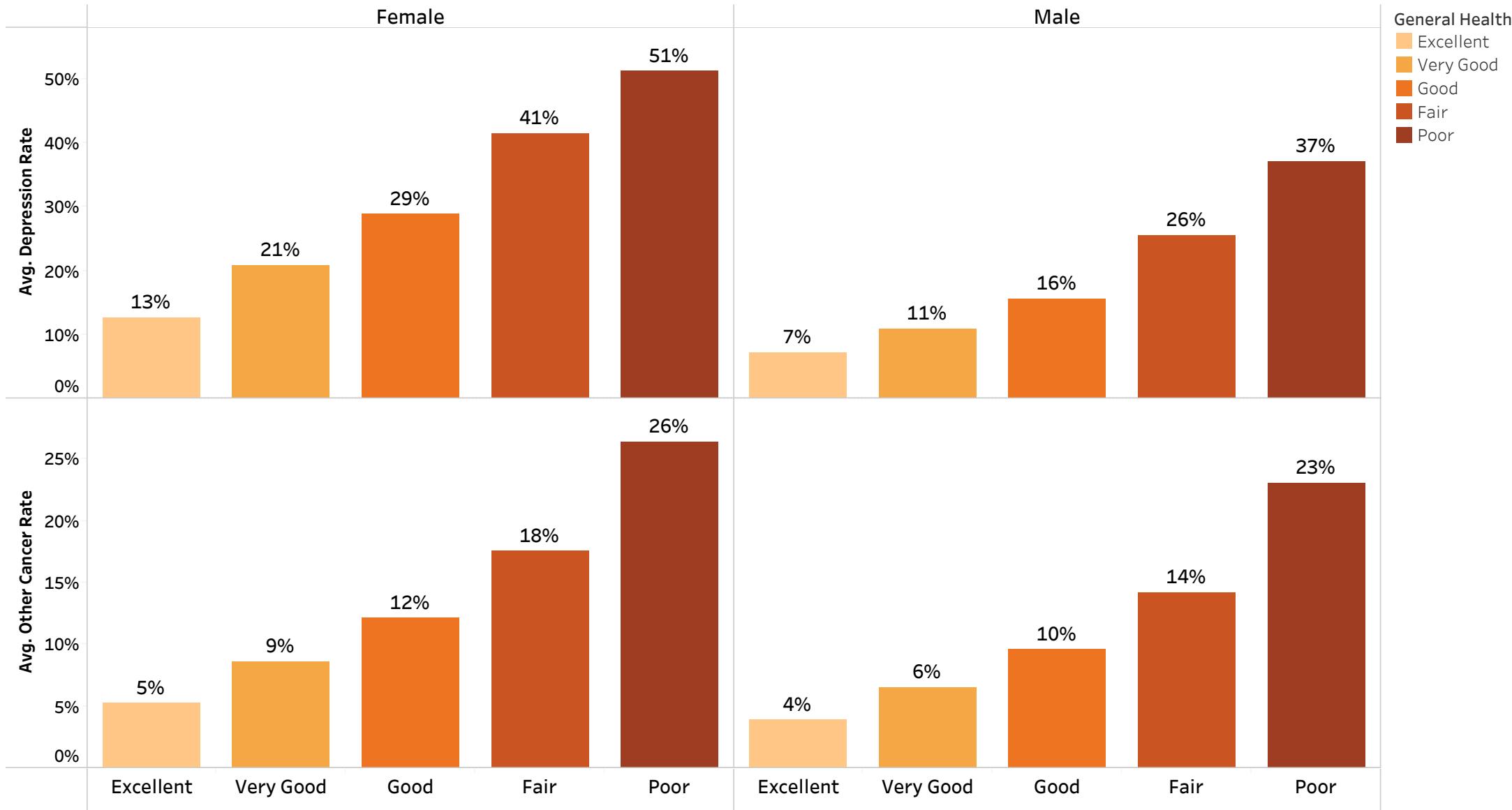
% of Total Count of Age Category for each Age Category. Colour shows details about Exercise.

## Arthritis & Diabetes Rates Rise in Both Genders as Health Deteriorates.



Average of Has Arthritis Int and average of Has Diabetes Int for each General Health broken down by Sex. Colour shows details about General Health.

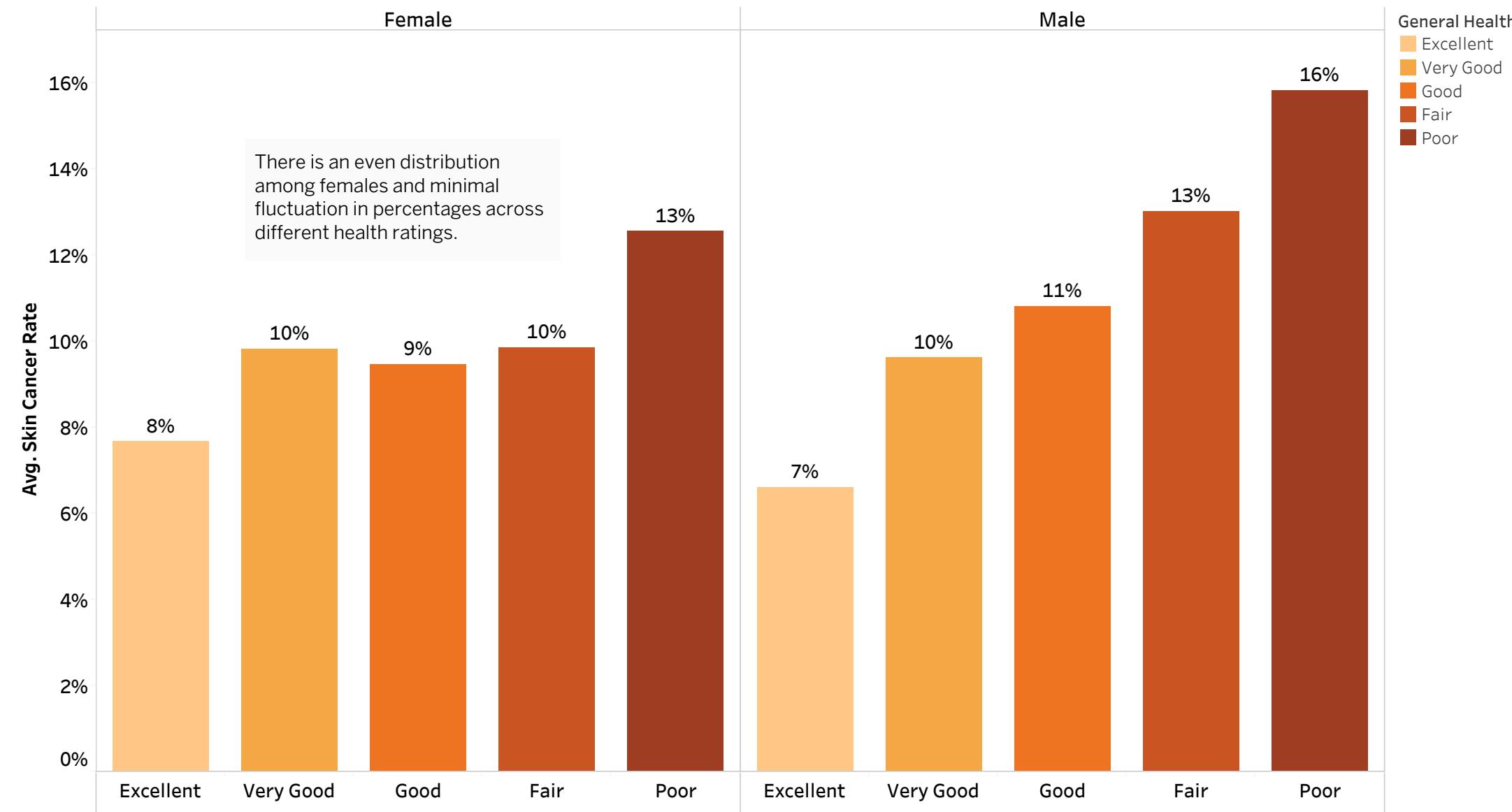
## Depression & Other Cancer Types Rates Rise in Both Genders as Health Deteriorates.



Average of Has Depression Int and average of Has Other Cancer Int for each General Health broken down by Sex. Colour shows details about General Health.

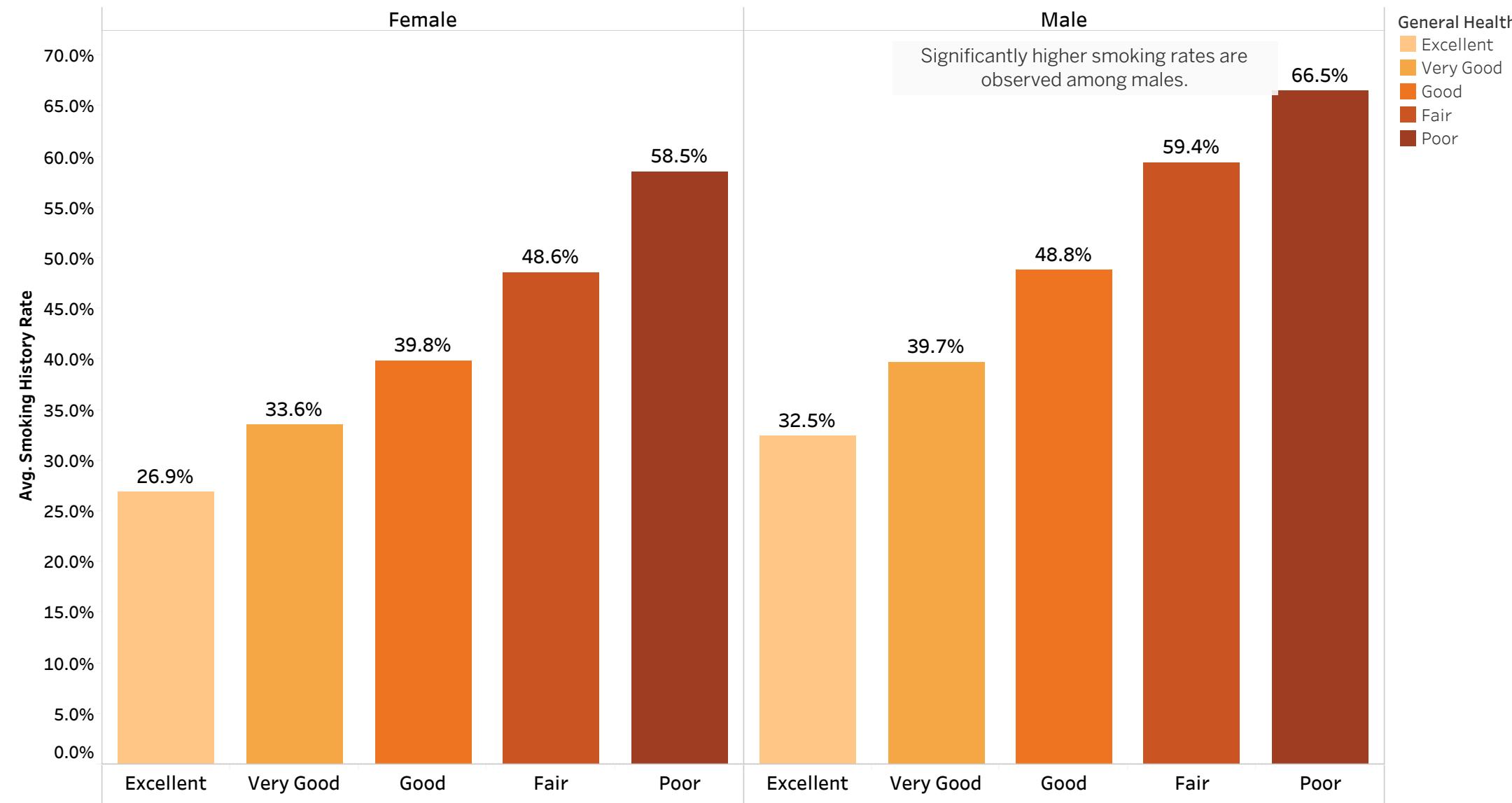
## Skin Cancer Has An Even Impact on Heart Disease Prevalence.

Lesser correlation with health perception, especially in females.



Average of Has Skin Cancer Int for each General Health broken down by Sex. Colour shows details about General Health.

## Both genders show declining health with increased smoking.



Average of Has Smoking History Int for each General Health broken down by Sex. Colour shows details about General Health.