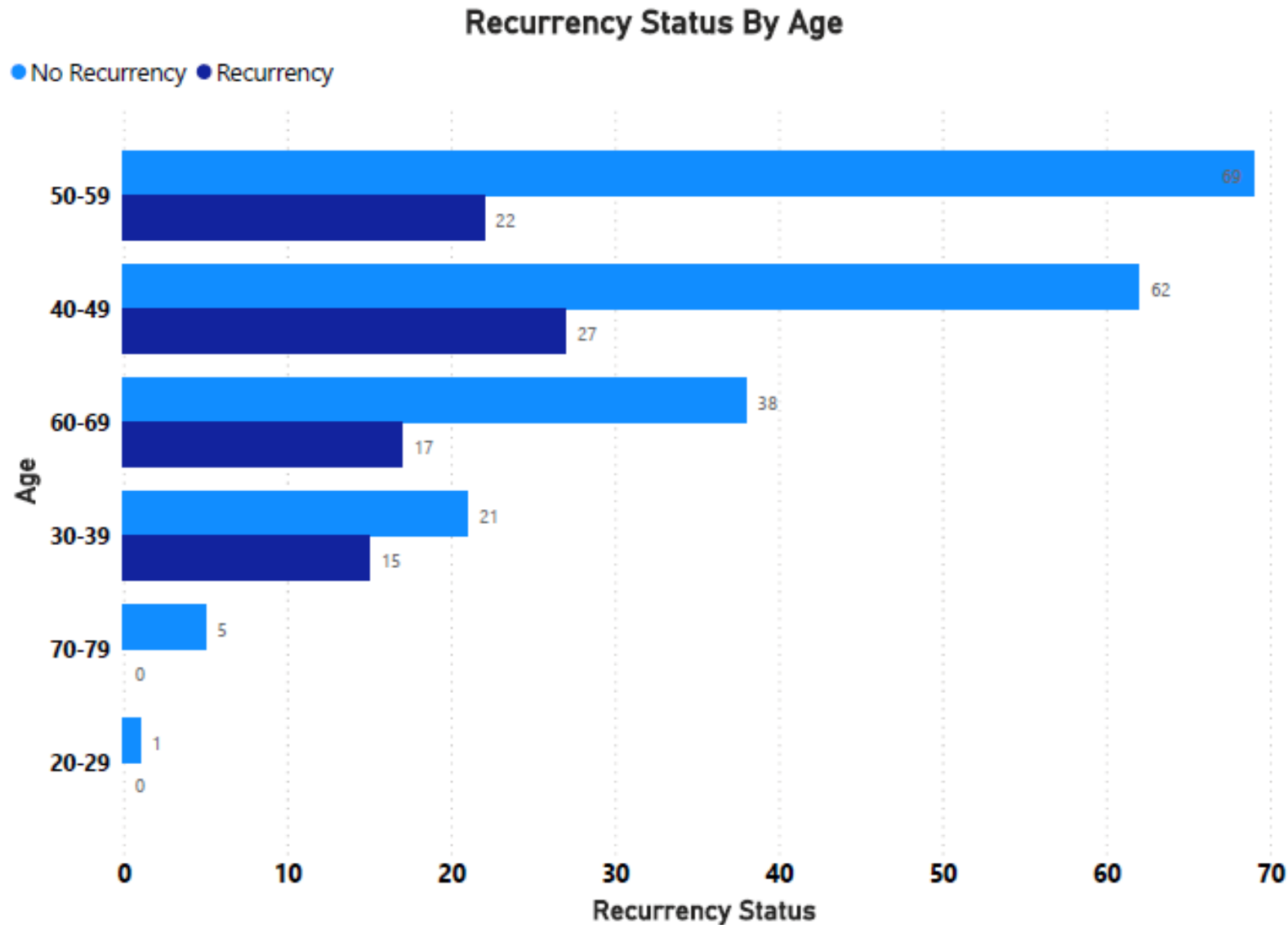




# Breast Cancer EDA

# Effect of Age



Age: 40 - 95

## 65% Cancer

Most of the cancer patients are between age 40-59 (65%)

Age: 20 – 29 & 70 -79

## 0.4 % & 1.8% Cancer

Patients at age (20-29) 0.4% , (70-79) 1.8 % show less cases of breast cancer.

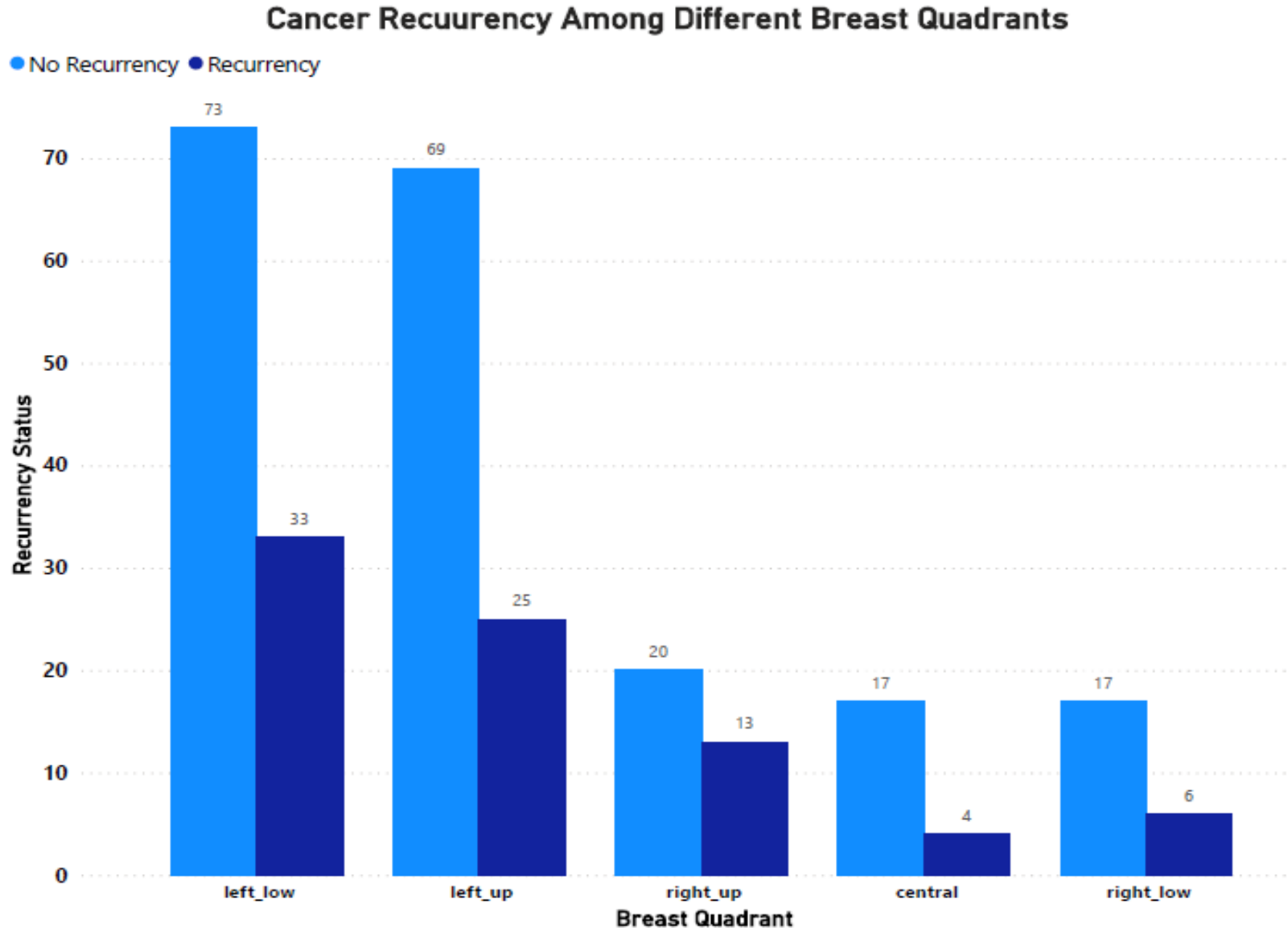
Maybe due to the many comorbidities at the old age, it's underdiagnosed.

Age: 30-39

## 41.7 % Recurrent

Patients at age (30-39) show the highest cancer recurrency 41.7%.

# Breast Quadrant Effect



## Lower & Upper - Left Breast

38.3% & 33.9%

Most of the patients 38.3%, 33.9% suffer from cancer in the **lower** and **upper** quadrant f the **left** breast, respectively.

## Upper Quad – Right Breast

39.4% Recurrent

Patients who suffer from cancer in the upper quadrant of the right breast show the **highest** cancer recurrency 39.4 %.

## Central

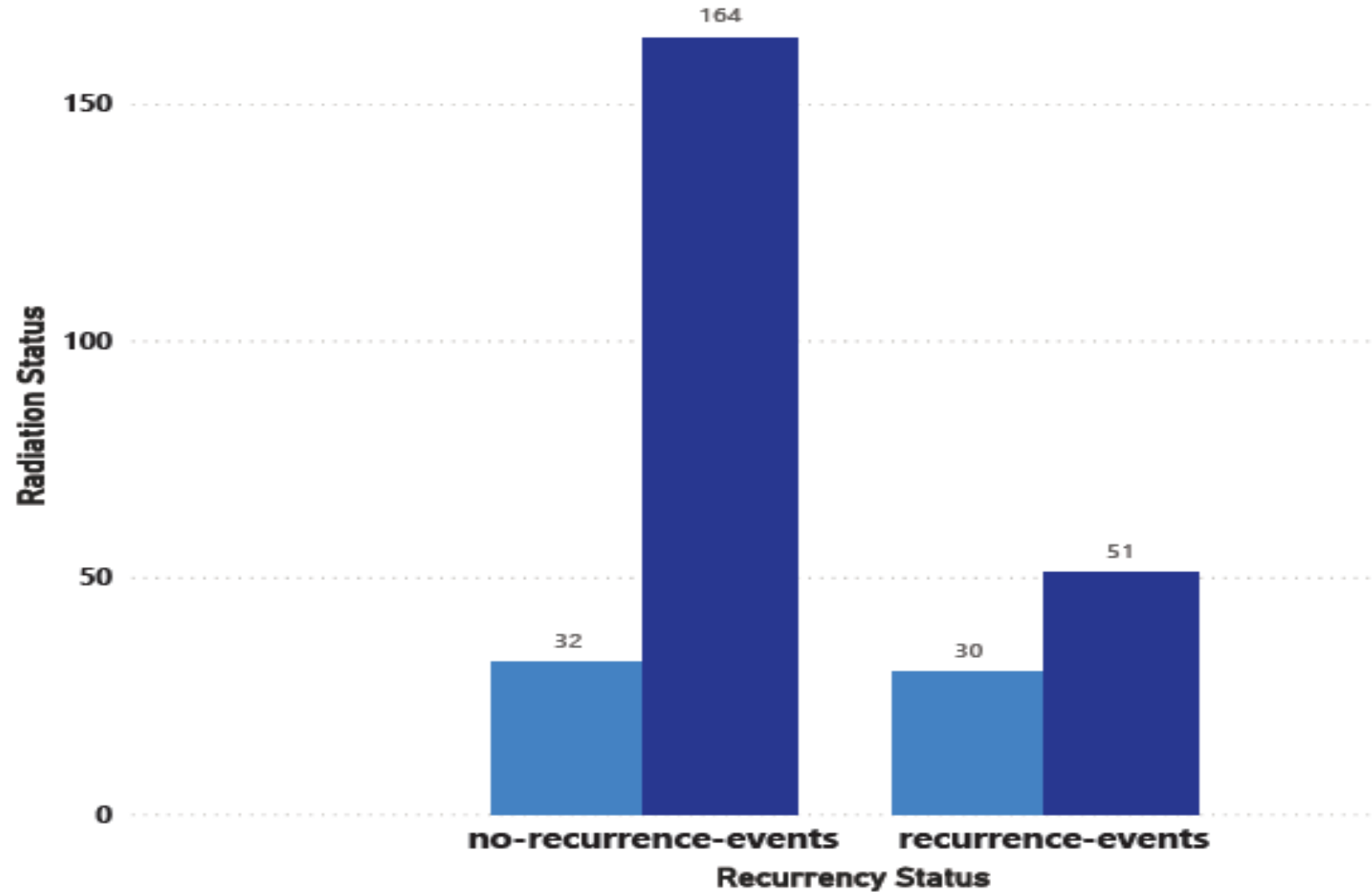
19 % Recurrent

Patients who suffer from cancer in the central part of the breast show the **lowest** cancer recurrency 19 %.

# Effect of Radiation

**The Effect of Radiation on Recurrency**

● Recieved Radiation ● Not Recieved Radiation



**Pre-Radiotherapy**

**22.4%**

Only 22.4 % of the patients were previously treated with radiotherapy.

**Pre-Radiotherapy**

**48.4% Recurrent**

Out of the patients who previously treated with radiotherapy, 48.4% show cancer recurrency.

**No Pre-Radiotherapy**

**23.7 % Recurrent**

Out of the patients who haven't received any radiotherapy, 23.7% show cancer recurrency.