



Breast Cancer Report

Patient Overview Dashboard

Tumor & Stage Analysis

Survival & Hormone Impact

Filters Menu

INSIGHTS

Age vs. Survival Duration

Tumor Size Impact

Stage & Survival Relationship

Hormone Receptor Status
(Estrogen/Progesterone)

Demographics Effect
(Race/Marital Status)

Age & Demographics

Patients aged 40–49 have the longest average survival duration (72.7 months), suggesting better treatment response in this age group.

Married patients show higher survival rates, while the White population forms the majority of cases (75%). The “Other” race group records the highest survival rate (89%), possibly due to grouped minor races or regional treatment differences.



4K

Total Patients



84.84%

Survival rate



71.33

Average Survival



53.98

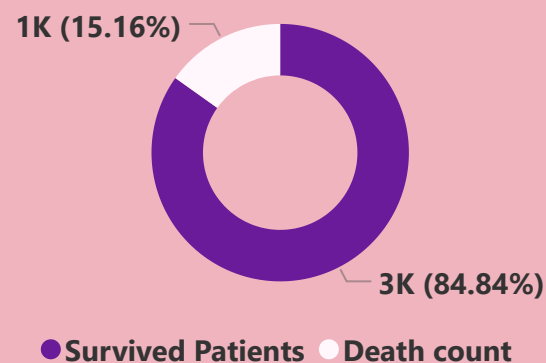
Average age



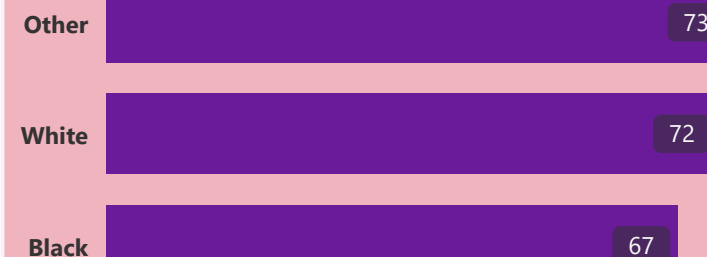
30.41

Average tumor size

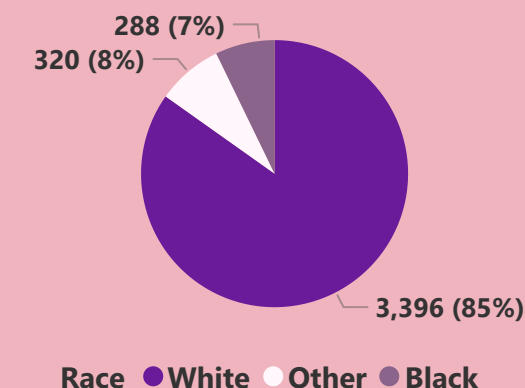
Survived Patients Vs Death count



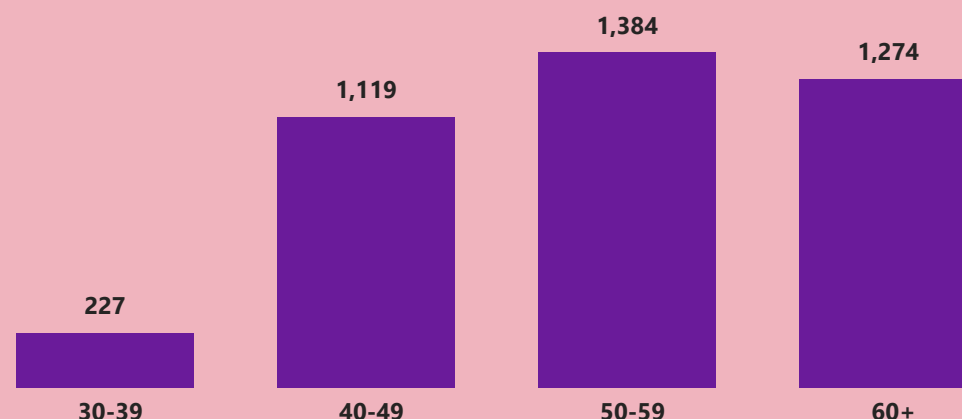
Survival by Race



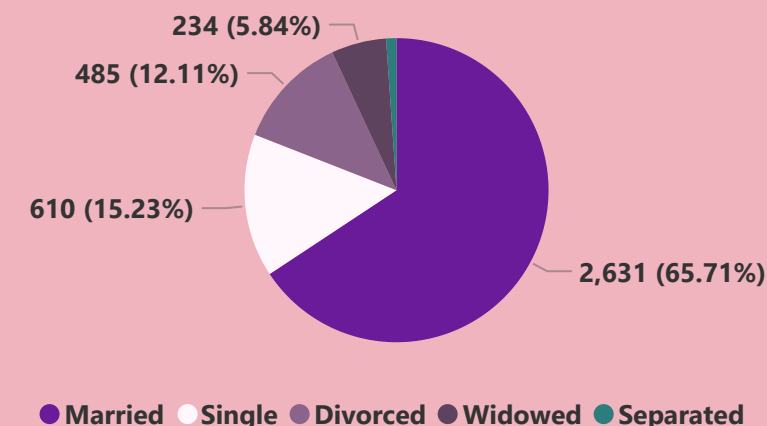
Total Patients by Race



Total Patients by Age Group



Total Patients by Marital Status





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Tumor Size & Stage

A clear pattern shows that larger tumor size is linked with shorter survival time, emphasizing the danger of delayed diagnosis.

Patients at T1 stage have the highest survival rate ($\approx 90\%$), reinforcing the importance of early cancer detection and intervention.



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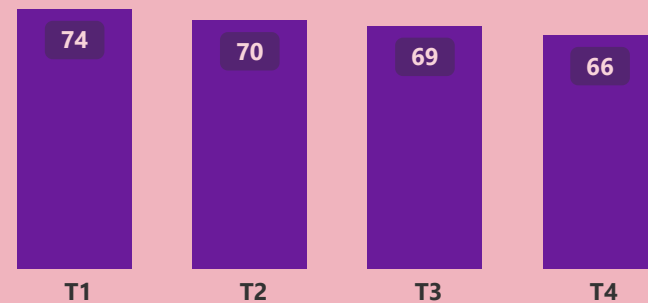
Average age



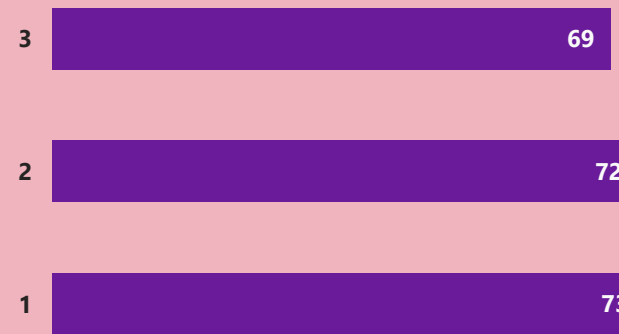
30.41

Average tumor size

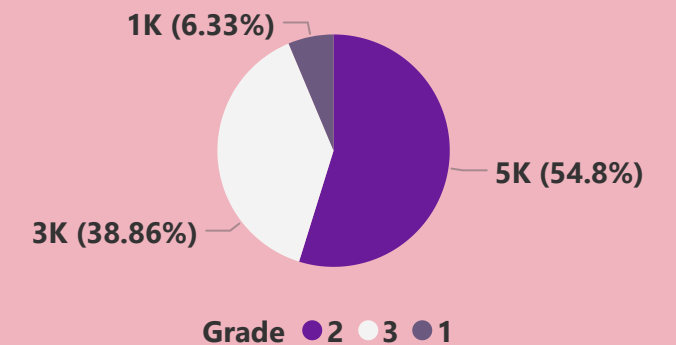
Avg Survival by T Stage



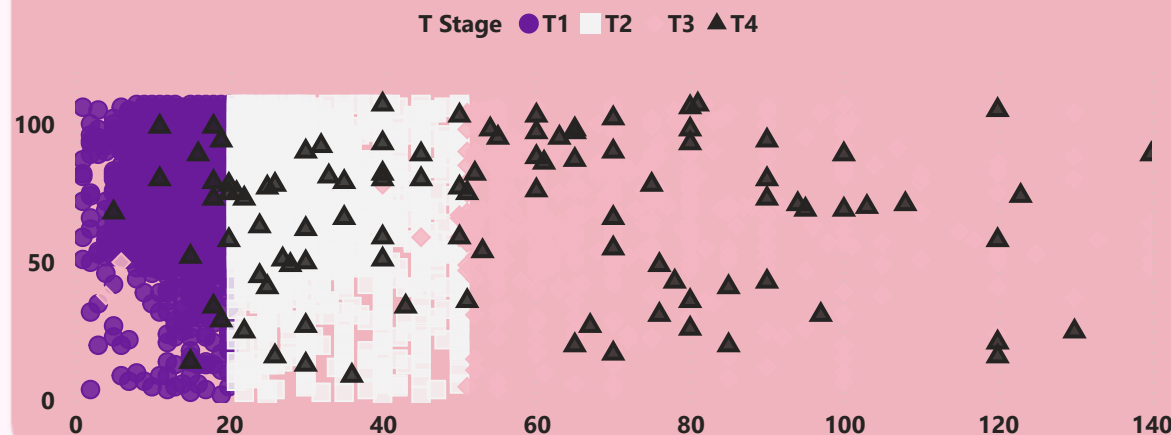
Avg Survival by Grade



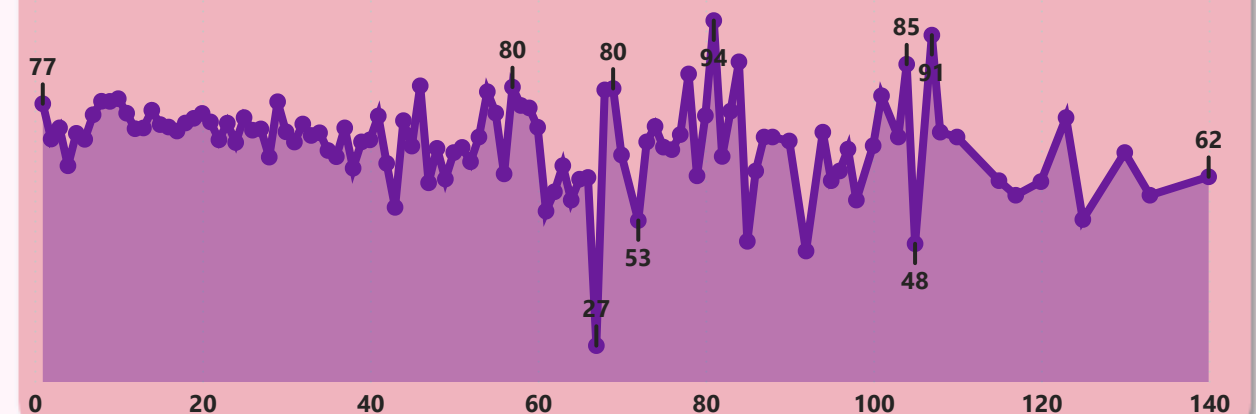
Tumor Grade Distribution



T Stage, Tumor Size and Survival Months



Avg Survival by Tumor Size





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Hormone Receptor Status

Patients with positive estrogen and progesterone receptors show significantly higher survival outcomes, reflecting stronger response to hormone-based treatments.

This underscores the role of hormone therapy in improving prognosis among receptor-positive patients.



4K

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Survival rate



71.33

Average Survival



53.98

Average age



30.41

Average tumor size

Avg Survival by Estrogen Status

Positive

72

Negative

61

Avg Survival by Progesterone Status

Positive

72

Negative

67

Survival rate by T Stage

T1

90.23%

T2

83.21%

T3

78.52%

T4

61.00%

Survival rate by Marital Status

86.51%

83.61%

81.44%

79.49%

68.18%

Married

Single

Divorced

Widowed

Separated

Avg Survival by Age Group

66.8

30-39

72.7

40-49

71.6

50-59

70.7

60+