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San Francisco

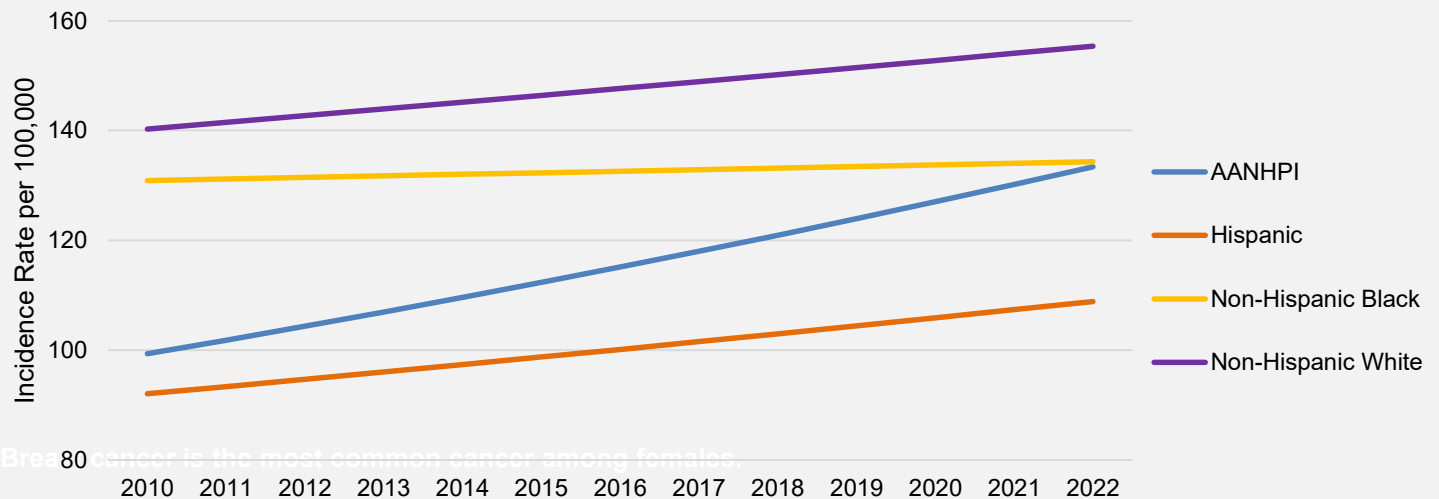
Breast Cancer in the Greater Bay Area



Breast cancer is the most common cancer among females.

- Incidence varies by age group and across racial and ethnic groups.
- Incidence rates have increased significantly since 2010 (2.5% per year) for Asian American/Native Hawaiian/Pacific Islander (AANHPI) females

Invasive female breast cancer incidence trends, GBACR, 2010-2022

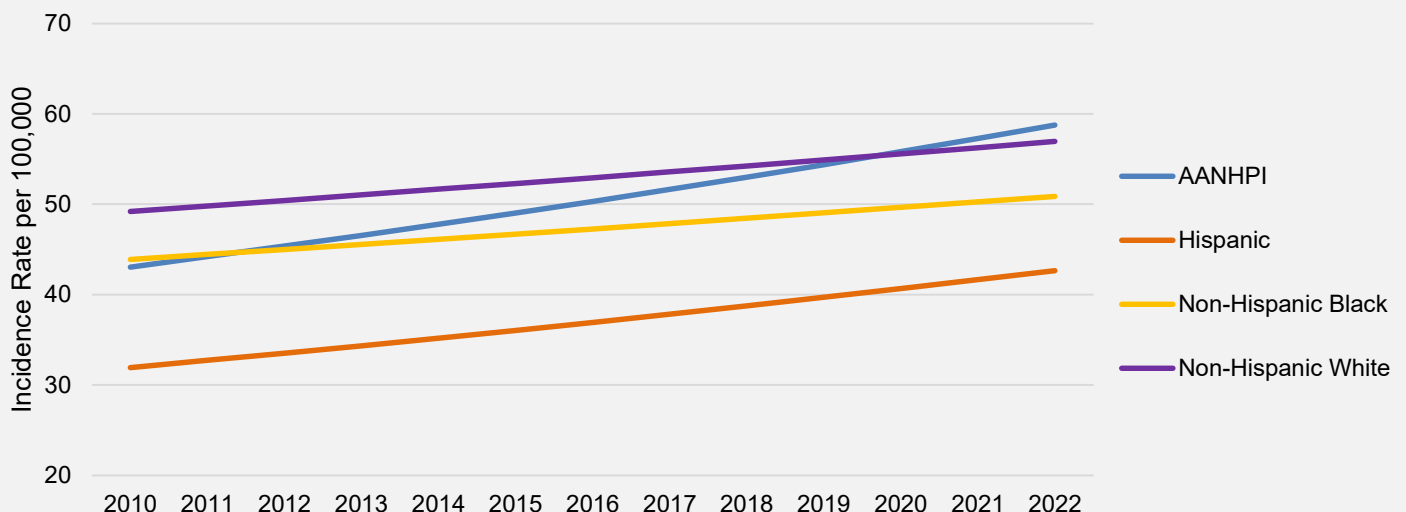


Breast cancer among females age <50 years is increasing.

The reasons for these increases are not well understood, and more research is needed.

- AANHPI 2.6% per year
- Hispanic 2.5% per year
- Non-Hispanic Black 1.2% per year
- Non-Hispanic White 1.2% per year

Early onset (<50 years of age) female breast cancer incidence trends, GBACR, 2010-2022





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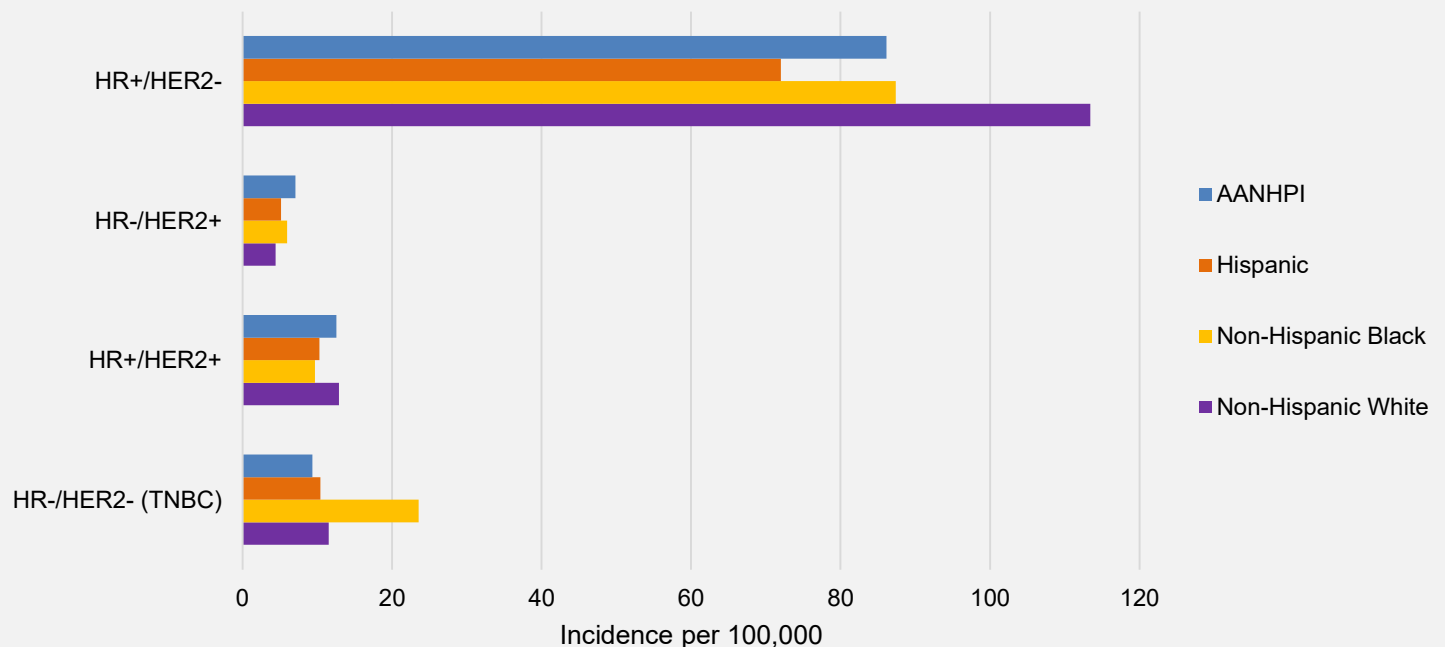
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There are different breast cancer subtypes.

- **HR+/HER2-** breast cancer makes up approximately 75% of invasive breast cancers; NH White females have the highest incidence rate.
- **HR-/HER2+** breast cancer has little variation by race and ethnicity. HR- breast cancer is more common in pre-menopausal women.
- **HR+/HER2+** breast cancer also has little variation by race and ethnicity. These tumors tend to grow more slowly than those that are HR-.
- **HR-/HER2-** breast cancer indicates a triple negative subtype (**TNBC**). This subtype is diagnosed more frequently in younger, pre-menopausal women and is more common in NH Black females.

Female breast cancer incidence rates by subtype, GBACR, 2018-2022



There are factors that increase breast cancer risk.

- Presence of certain genetic mutations (for ex, BRCA 1, BRCA2)
- Having no or few children
- Later age at first birth
- Moderate to high consumption of alcohol
- Late age at menopause
- Use of combined (estrogen + progestin) hormone replacement therapy during menopause

Learn more about cancer in the
Greater Bay Area by scanning the QR code.

