

# Exploring Breast Cancer in African American Women

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## Purpose of Study

- The purpose of this study is to explore the rates in which women are diagnosed with breast cancer.

## Introduction

- Breast cancer is the most common cancer except for skin cancer.
- African American women suffer a higher burden of basal-like breast cancer, an aggressive subtype that has no targeted therapy.
- African American women have higher rates of mortality because of the lack of screening and genetic mutation.

## Background Info /Symptoms

- Breast lumps are one of the classic signs of breast cancer
  - These lumps can emerge in any area any size .
  - How these lumps feel will also be very individual.
- Inflamed lymph nodes.
- Redness and inflammation around the nipple area.
  - Nipple discharge.
  - Inverted nipple.
- Women experience breast cancer at similar rates (11-13%) across race and ethnicity background.
- Common treatments include: chemotherapy, mastectomy, and lumpectomy.

## Public Perception

### In The US

- African American women have a 31% breast cancer mortality rate – the highest of any U.S. racial or ethnic group.
- Among women younger than 45, breast cancer incidence is higher among African American women than White women.
- Over the past 20 years, despite the universal drop in mortality rates, we have seen a rise in the incidence of breast cancer in African American women.
- A US woman's lifetime risk of breast cancer is 1 in 8

### Products to Watch Out For:

- skin lighteners
- hair relaxers
- Brazilian blowout treatments
- acrylic nails
- Fragrance

## Addressing the Disparity

- Caucasian and African American women have the highest chances of acquiring breast cancer.
- African American women have a higher mortality rate for breast cancer than other women.
- Factors of genetics and environment increase African American women's rates of death while diagnosed with breast cancer.
  - Barriers that are related to poverty , Lack of a primary care physician , geographical access to care , lack of information ,comorbidity. Health insurance ,competing survival priorities and rich promoting lifestyles

## Data

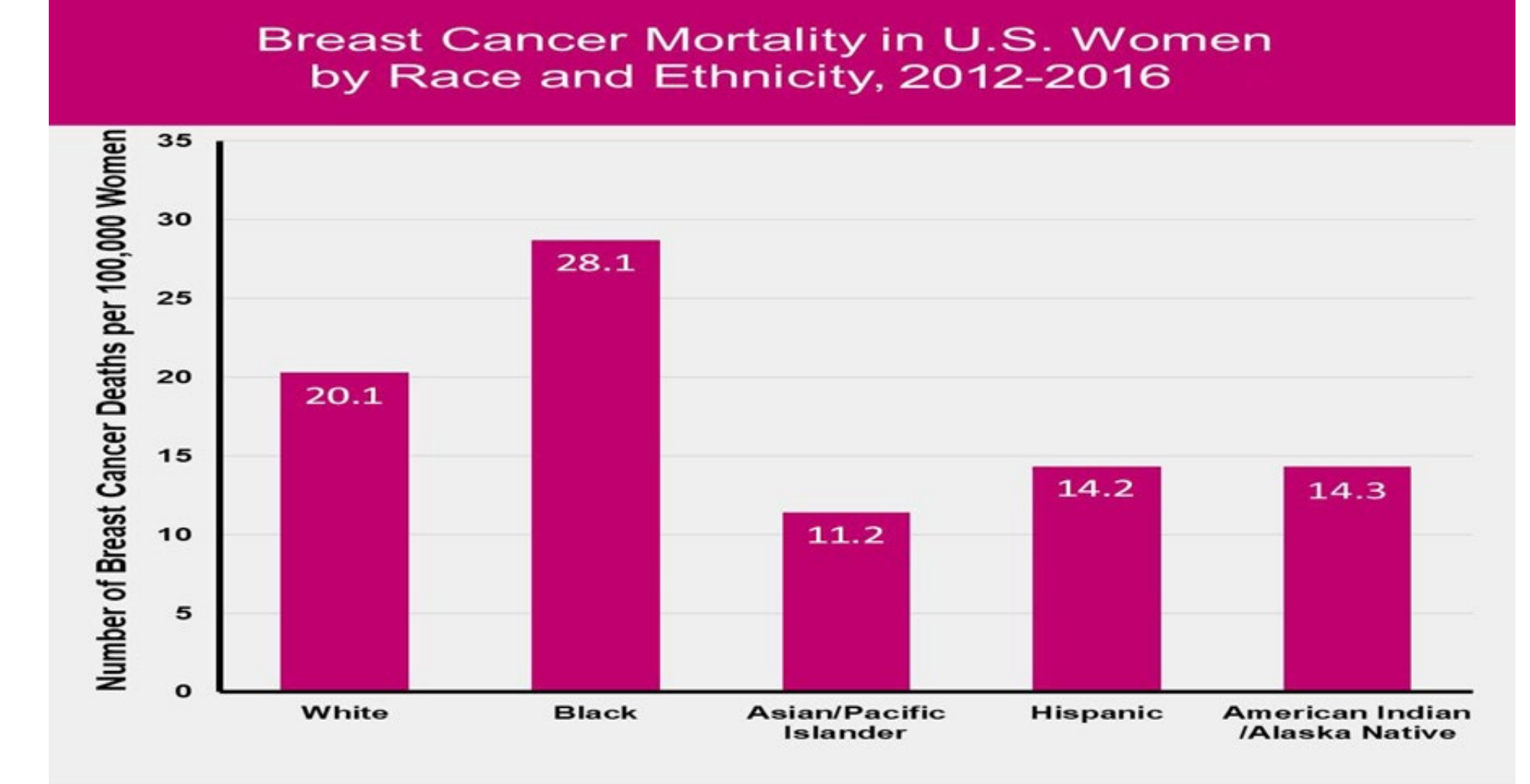


Figure 1: The graph above shows the rates of breast cancer within , black /african american , white asian / pacific ,hispanic and americans , Indian and alaska native .

## Conclusion

- African American women experience the same rates of being diagnosed with breast cancer.
- African American women have the highest mortality rate among all racial/ethnic groups.
- Be proactive with getting screenings for our reproductive organs.

## References

- <https://ww5.komen.org/BreastCancer/RaceandEthnicity.html>
- <https://www.cancer.org/cancer/breast-cancer/screening-tests-and-early-detection/american-cancer-society-recommendations-for-the-early-detection-of-breast-cancer.html>
- <https://www.einstein.edu/?id=1346&sid=1>
- <https://www.bcpp.org/resource/african-american-women-and-breast-cancer/>

- What does the public think about breast cancer?
- What assumptions do people make about breast cancer?
- What assumptions do people make based on race or ethnicity.
- <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3483911/>

Facts (<https://www.bcpp.org/resource/african-american-women-and-breast-cancer/>)

### **Globally:**

Breast cancer affects more women than any other type of cancer and is the leading cause of cancer-related deaths among women.

### **In The US**

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