

Breast Cancer Facts & Figures

National Breast Cancer Coalition

The Breast Cancer Deadline

2020

The National Breast Cancer Coalition (NBCC) is a grassroots organization dedicated to ending breast cancer through action and advocacy. Following are a few statistics that speak to the need to end this deadly disease.

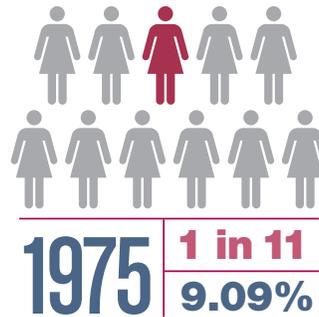
INCIDENCE

Excluding basal cell and squamous cell skin cancers, breast cancer is the most commonly diagnosed cancer among women in the U.S. In 2019, there will be

271,270 new cases of invasive breast cancer (2,670 in males and 268,600 in females), and an additional **62,930** cases of carcinoma in situ of the female breast. (ACS, 2019)

Lifetime Risk

In the United States, a woman's lifetime risk of being diagnosed with invasive breast cancer has increased since 1975. (ACS, 2019)



Incidence By Age

Older women are much more likely to get invasive breast cancer than younger women. From 2011-2015, the median age of a breast cancer diagnosis was 62 years of age. (NCI, 2019)

MORTALITY



In 2018 there were **626,679** deaths from breast cancer globally. (Globocan, 2018)

Breast cancer is **the second leading cause of cancer death for women**

in the United States, after lung cancer.

In 2019, it is estimated that

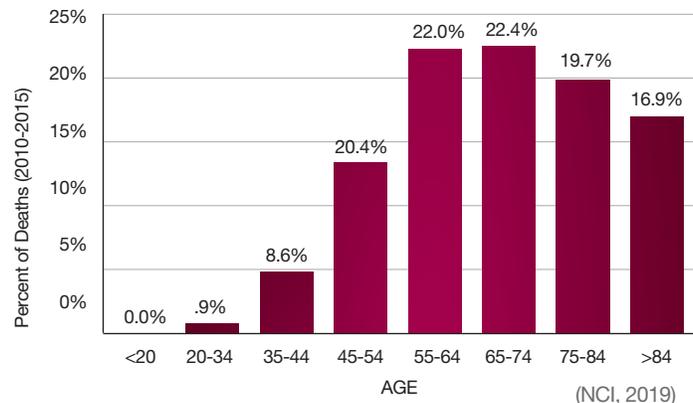
41,760 women and **500 men** will die of breast cancer. (ACS, 2019)

Between 2000 and 2016, the breast cancer mortality rate has declined incrementally (~1.5% to 1.8%) each year since the highest recorded rate in 1989. (SEER, 2019)

While the breast cancer mortality rate has declined, over **42,000 women and men continue to die each year** and this number continues to rise as the aging population grows.

Mortality By Age

From 2011-2015, the median age at death from breast cancer was 68 years of age. (NCI, 2019)



RACIAL DISPARITIES



Despite a similar incidence, mortality from breast cancer among black women is **40% higher** compared with white women. (ACS, 2019)

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RECURRENCE

An estimated **20% to 30%** of women diagnosed, treated, and declared free of disease for local or regional invasive breast cancer will have a recurrence.

(Saphner et al., 1996; Harris et al., 2000; Colleoni et al., 2016)

PREVALENCE

As of 2016, there were an estimated **3.5 million** individuals living with a history of breast cancer in the United States.

(Miller et al., 2016)

The number of women living with metastatic breast cancer in the United States:

In 2017 – 155,000
By 2020 – 168,292

(Mariatto et al., 2017)

RISK FACTORS

All women are at risk for breast cancer. Only 5-10% of women (5-20% of males) with breast cancer have inherited **a mutation in a known breast cancer gene** (e.g., BRCA1 and BRCA2). The majority of breast cancer cases do not involve these inherited mutations.

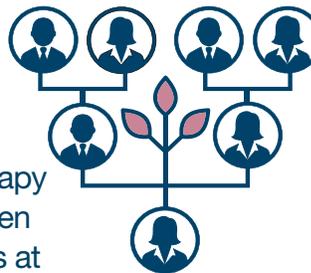
(ACS, 2017-2018)

Factors that increase a woman's risk of breast cancer include:

- ◆ Getting older
- ◆ Genetic mutations
- ◆ Long menstrual history
- ◆ Having dense breasts
- ◆ Personal history of breast cancer or certain non-cancerous breast diseases



- ◆ Family history of breast or ovarian cancer
- ◆ Previous treatment using radiation therapy
- ◆ Never having children
- ◆ Being over 30 years at first full-term pregnancy



- ◆ Use of combined post-menopausal hormone replacement therapy
- ◆ Being overweight or obese after menopause
- ◆ Not being physically active
- ◆ Drinking alcohol

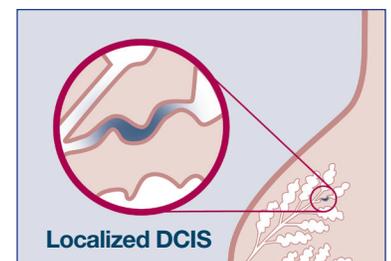
(CDC, 2019)

DCIS AND SCREENING

The diagnosis of ductal carcinoma in situ (DCIS) was rare before 1980. Widespread adoption of screening mammography has led to an 800% increase in the incidence of DCIS. However, screening has not resulted in a decrease in the rate of lethal disease (i.e., stage IV, metastatic disease) at diagnosis.

Overdiagnosis of breast cancer (i.e., cancer that would never become a problem) is estimated to occur in 22-31% of all screen-detected breast cancers.

(Bleyer and Welch, 2012)



TREATMENT

The current methods of treatment in use in the U.S. are:

Surgery
(Mastectomy & Lumpectomy)



Chemotherapy



Radiation



Hormonal Therapy



Targeted Therapy

