

[Skip to main content](#)



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New Program Learning Resources Events Maps & Stats Research Resources BCERF Research

Program on  
Breast Cancer and Environmental Risk Factors

SPRECHER  
INSTITUTE  
for Comparative  
Cancer Research

## SEER Data Maps

### Overview

In December 1999, the National Cancer Institute (NCI) published the "Atlas of Cancer Mortality in the United States, 1950-94" and the complementary web site, Cancer Mortality Maps & Graphs ([www.nci.nih.gov/atlasplus/](http://www.nci.nih.gov/atlasplus/)).

The Cancer Mortality Maps & Graphs web site provides the ability to create bar charts and trend line graphs, as well as to access the tabulated data used to create the maps. It therefore offers both an alternate way to view the same data, plus additional information and extensive interactive possibilities.

### Sample Maps

BCERF used the web site to create four national breast cancer mortality maps. We have enlarged and enhanced these images for easier viewing. These maps illustrate just one set of data that presents an important problem to explore: how great is the difference, and what might account for the difference, in breast cancer mortality between black women and white women?

### What Do the Samples Show?

The data reveal an interesting aspect to this problem: there is a much greater difference in the mortality rate between black and white women in the age 20-49 category than there is for the age 50-74 category. The mortality rate for black women in the age 20-49 category is 17.39 per hundred thousand, whereas for white women it is 12.26. The mortality rate for black women in the age group 50-74 is 82.92 per hundred thousand, which is similar to the mortality rate for white women in this age group at 81.13 per hundred thousand.

### Further Reading

To learn more about using these maps read the BCERF newsletter article on "[Using NCI's Atlas of Cancer Mortality in the United States.](#)"

## ■ Maps

Maps of United States Breast Cancer Mortality Rates by State Economic Area for:

- [White Females \(Age 20 - 49\)](#)
- [White Females \(Age 50 - 74\)](#)
- [Black Females \(Age 20 - 49\)](#)
- [Black Females \(Age 50 - 74\)](#)
- [Compare all 4 maps](#)

**Note:** The unshaded areas (they appear white) on the maps are geographic areas with insufficient data.

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