

Table 4.19
Cancer of the Female Breast (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity

SEER Incidence	SEER 18 Areas ^b	SEER 13 Areas ^b	SEER 9 Areas ^b
	Rate 2006-2010	Trend 2001-2010 ^c	Trend 2001-2010 ^d
	Rate per 100,000 persons	AAPC (%)	AAPC (%)
	Females	Females	Females
RACE/ETHNICITY			
All Races	123.8	-0.7	-0.7
White	127.4	-0.8*	-0.8*
White Hispanic ^e	94.2	0.0	-
White Non-Hispanic ^e	133.4	-0.7	-
Black	121.4	0.1	0.1
Asian/Pacific Islander	91.8	0.0	-
Amer Ind/Alaska Nat ^f	77.1	-0.3	-
Hispanic ^e	90.8	-0.6*	-
U.S. Mortality ^g	Rate 2006-2010	Trend 2001-2010 ^h	
	Rate per 100,000 persons	AAPC (%)	
	Females	Females	
RACE/ETHNICITY			
All Races	22.6	-1.9*	
White	22.1	-1.9*	
White Hispanic ^e	15.6	-1.6*	
White Non-Hispanic ^e	22.7	-1.8*	
Black	30.8	-1.6*	
Asian/Pacific Islander	11.5	-1.0*	
Amer Ind/Alaska Nat			
Total U.S.	12.5	-1.2*	
CHSDA Counties	15.5	-0.4	
Non-CHSDA Counties	8.9	-2.6*	
Hispanic ^e	14.8	-1.7*	

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends

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The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry. The 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.

Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

US Mortality Files, National Center for Health Statistics, CDC.

The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

The APC is significantly different from zero (p<.05).