Table 4.19
Cancer of the Female Breast (*In Situ*)

SEER Incidence
Age-Adjusted Rates and Trends[a]
By Race/Ethnicity

SEER Incidence	SEER 21 Areas[b] Rate 2012-2016 Rate per 100,000 persons	SEER 21 Areas[b] Trend 2007-2016[c] AAPC (%)	SEER 9 Areas[b] Trend 2007-2016[d] AAPC (%)
	Females	Females	Females
Race/Ethnicity			
All Races	33.2	-0.6	-0.7
White	33.1	-1.2*	-1.2*
White Hispanic[e]	25.0	0.4	–
White Non-Hispanic[e]	35.0	-1.2*	–
Black	33.3	1.2*	1.1*
Asian/Pacific Islander	32.1	1.1	–
Amer Ind/Alaska Nat[f]	16.8	0.2	–
Hispanic[e]	24.7	0.7	–

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.7, February 2019, 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.

[a] Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

[b] The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.
The SEER 21 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, Georgia excluding ATL/RG, Idaho, New York and Massachusetts.

[c] The 2007-2016 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 2000-2016.

[d] The 2007-2016 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2016.

[e] 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.

[f] Incidence data for American Indian/Alaska Native are based on the Purchased/Referred Care Delivery Area (PRCDA) counties.

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