

Table 4.4
Cancer of the Female Breast (*In Situ*)

Trends in SEER Incidence^{ab} Using the Joinpoint Regression Program,
1975-2017 With up to Five Joinpoints, 2000-2017 With up to Three Joinpoints,
All Ages by Race/Ethnicity

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^d	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2008-17	2013-17
<u>SEER 9 Observed Incidence^a, 1975-2017</u>														
All Races	1975-81	-3.1	1981-87	25.2*	1987-94	3.8*	1994-98	9.7*	1998-09	1.1*	2009-17	-1.2*	-1.0*	-1.2*
White	1975-81	-2.9	1981-87	25.4*	1987-95	3.9*	1995-98	11.1*	1998-09	0.9*	2009-17	-1.7*	-1.4*	-1.7*
Black	1975-83	6.2*	1983-88	23.2*	1988-93	3.7	1993-98	10.8*	1998-14	1.3*	2014-17	-3.9	-0.4	-2.6
<u>SEER 21 Observed Incidence^b, 2000-2017</u>														
All Races	2000-05	0.1	2005-08	4.5	2008-17	-1.1*							-1.1*	-1.1*
White	2000-05	-0.1	2005-08	4.6	2008-17	-1.8*							-1.8*	-1.8*
White NH ^{ef}	2000-05	-0.2	2005-08	5.0	2008-17	-1.8*							-1.8*	-1.8*
Black	2000-12	3.0*	2012-17	-1.1									0.7	-1.1
Black NH ^{ef}	2000-13	2.9*	2013-17	-2.0									0.7	-2.0
API ^e	2000-05	0.4	2005-08	6.3	2008-17	0.8							0.8	0.8
AI/AN ^{eg}	2000-17	0.0											0.0	0.0
Hispanic ^f	2000-07	3.1*	2007-17	0.9*									0.9*	0.9*

Joinpoint Regression Program Version 4.8, April 2020, National Cancer Institute. (<https://surveillance.cancer.gov/joinpoint/>).

The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^a Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

^b Trends are from the SEER 21 areas (SEER 9 areas, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, Georgia excluding ATL/RG, Idaho, New York and Massachusetts).

^c Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

^d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^e API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

^f 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.

^g Data for American Indian/Alaska Native are based on the Purchased/Referred Care Delivery Area (PRCDA) counties.

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

- Joinpoint regression line analysis could not be performed on data series.