

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

Trends in SEER Incidence^{ab} Using the Joinpoint Regression Program,
1975-2012 With up to Five Joinpoints, 1992-2012 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	2003-12	2008-12
<u>SEER 9 Observed Incidence^a, 1975-2012</u>														
All Races	1975-81	-3.1	1981-87	25.2*	1987-94	3.8*	1994-98	10.2*	1998-12	0.7*			0.7*	0.7*
White	1975-81	-2.9	1981-87	25.4*	1987-95	3.9*	1995-98	11.8	1998-12	0.5			0.5	0.5
Black	1975-83	6.0	1983-87	23.8*	1987-98	8.2*	1998-12	1.5*					1.5*	1.5*
<u>SEER 13 Observed Incidence^b, 1992-2012</u>														
All Races	1992-99	7.2*	1999-12	0.5									0.5	0.5
White	1992-99	7.2*	1999-12	0.2									0.2	0.2
White NH ^{ef}	1992-99	7.4*	1999-12	0.3									0.3	0.3
Black	1992-98	9.2*	1998-12	1.6*									1.6*	1.6*
Black NH ^{ef}	1992-98	9.0*	1998-12	1.7*									1.7*	1.7*
API ^e	1992-99	9.6*	1999-12	1.7*									1.7*	1.7*
AI/AN ^{eg}	1992-12	1.4											1.4	1.4
Hispanic ^f	1992-98	8.8*	1998-12	1.5*									1.5*	1.5*

Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. (<http://surveillance.cancer.gov/joinpoint/>).
^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
^b Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).
^c Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
^d Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
^e The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
^f API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic
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 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.
^g Data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.
* The APC/AAPC is significantly different from zero ($p < .05$).
- Joinpoint regression line analysis could not be performed on data series.