

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

Trends in SEER Incidence<sup>ab</sup> Using the Joinpoint Regression Program,  
1975-2010 With up to Five Joinpoints, 1992-2010 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 <sup>d</sup>	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2001-10	2006-10
<u>SEER 9 Delay-Adjusted Incidence<sup>a</sup>, 1975-2010</u>														
All Races	1975-81	-3.2	1981-87	25.1*	1987-94	3.8*	1994-98	9.9*	1998-10	1.0*			1.0*	1.0*
White	1975-81	-2.7	1981-87	25.0*	1987-95	4.0*	1995-98	11.3*	1998-10	0.8*			0.8*	0.8*
Black	1975-98	9.4*	1998-10	1.6*									1.6*	1.6*
<u>SEER 13 Delay-Adjusted Incidence<sup>b</sup>, 1992-2010</u>														
All Races	1992-99	7.1*	1999-10	0.7									0.7	0.7
White	1992-99	7.0*	1999-10	0.5									0.5	0.5
Black	1992-98	8.9*	1998-10	1.8*									1.8*	1.8*
<u>SEER 9 Observed Incidence<sup>a</sup>, 1975-2010</u>														
All Races	1975-81	-3.1	1981-87	25.2*	1987-94	3.8*	1994-98	9.9*	1998-10	0.9*			0.9*	0.9*
White	1975-81	-2.9	1981-87	25.4*	1987-95	3.9*	1995-98	11.4	1998-10	0.7*			0.7*	0.7*
Black	1975-81	3.1	1981-88	18.4*	1988-98	7.9*	1998-10	1.8*					1.8*	1.8*
<u>SEER 13 Observed Incidence<sup>b</sup>, 1992-2010</u>														
All Races	1992-99	7.1*	1999-10	0.6									0.6	0.6
White	1992-99	7.0*	1999-10	0.4									0.4	0.4
White NH <sup>ef</sup>	1992-99	7.3*	1999-10	0.6									0.6	0.6
Black	1992-98	8.9*	1998-10	1.8*									1.8*	1.8*
Black NH <sup>ef</sup>	1992-98	8.7*	1998-10	1.9*									1.9*	1.9*
API <sup>e</sup>	1992-02	7.8*	2002-05	-5.4	2005-08	8.6	2008-10	-3.8					0.9	2.2
AI/AN <sup>eg</sup>	1992-10	0.8											0.8	0.8
Hispanic <sup>f</sup>	1992-98	8.3*	1998-10	1.6*									1.6*	1.6*

Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute. (<http://surveillance.cancer.gov/joinpoint/>).  
<sup>a</sup> The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).  
<sup>b</sup> Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).  
<sup>c</sup> Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).  
<sup>d</sup> Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.  
<sup>e</sup> The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.  
<sup>f</sup> 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.  
<sup>g</sup> The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, SC, OK and VT.  
\* 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.