

Table 2.3  
All Cancer Sites (Invasive)

Trends in SEER Incidence<sup>ab</sup> and U.S. Mortality<sup>c</sup> Using the Joinpoint Regression Program,  
1975-2012 With up to Five Joinpoints, 1992-2012 With up to Three Joinpoints,  
Females 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	2003-12	2008-12
<u>SEER 9 Delay-Adjusted Incidence<sup>a</sup>, 1975-2012</u>														
All Races	1975-79	-0.3	1979-87	1.6*	1987-95	0.1	1995-98	1.5	1998-03	-0.6	2003-12	0.2	0.2	0.2
White	1975-79	-0.2	1979-87	1.7*	1987-95	0.1	1995-98	1.7	1998-04	-0.4	2004-12	0.2	0.1	0.2
Black	1975-91	1.1*	1991-12	0.1*									0.1*	0.1*
<u>SEER 13 Delay-Adjusted Incidence<sup>b</sup>, 1992-2012</u>														
All Races	1992-98	0.8*	1998-03	-0.6	2003-12	0.0							0.0	0.0
White	1992-94	-0.3	1994-98	1.4*	1998-03	-0.7	2003-12	0.1					0.1	0.1
Black	1992-12	0.1											0.1	0.1
<u>SEER 9 Observed Incidence<sup>a</sup>, 1975-2012</u>														
All Races	1975-79	-0.3	1979-87	1.6*	1987-95	0.1	1995-98	1.1	1998-12	-0.2*			-0.2*	-0.2*
White	1975-79	-0.2	1979-87	1.7*	1987-95	0.1	1995-98	1.5	1998-12	-0.2*			-0.2*	-0.2*
Black	1975-91	1.1*	1991-12	0.0									0.0	0.0
<u>SEER 13 Observed Incidence<sup>b</sup>, 1992-2012</u>														
All Races	1992-98	0.7*	1998-12	-0.3*									-0.3*	-0.3*
White	1992-98	0.8*	1998-12	-0.3*									-0.3*	-0.3*
White NH <sup>ef</sup>	1992-98	1.2*	1998-04	-0.5	2004-09	0.3	2009-12	-1.2					-0.3	-0.8
Black	1992-12	0.0											0.0	0.0
Black NH <sup>ef</sup>	1992-12	0.1											0.1	0.1
API <sup>e</sup>	1992-12	0.1											0.1	0.1
AI/AN <sup>eg</sup>	1992-12	0.6*											0.6*	0.6*
Hispanic <sup>f</sup>	1992-12	0.1											0.1	0.1
<u>U.S. Cancer Mortality<sup>c</sup>, 1975-2012</u>														
All Races	1975-90	0.6*	1990-94	-0.2	1994-02	-0.8*	2002-12	-1.4*					-1.4*	-1.4*
White	1975-90	0.6*	1990-95	-0.2	1995-98	-1.2*	1998-01	-0.2	2001-12	-1.3*			-1.3*	-1.3*
Black	1975-91	1.0*	1991-99	-0.6*	1999-12	-1.6*							-1.6*	-1.6*
<u>U.S. Cancer Mortality<sup>c</sup>, 1992-2012</u>														
All Races	1992-95	-0.2	1995-98	-1.2*	1998-01	-0.4	2001-12	-1.4*					-1.4*	-1.4*
White	1992-95	-0.2	1995-98	-1.2*	1998-01	-0.2	2001-12	-1.3*					-1.3*	-1.3*
White NH <sup>ef</sup>	1992-94	0.6	1994-98	-1.0*	1998-01	-0.2	2001-12	-1.3*					-1.3*	-1.3*
Black	1992-02	-0.8*	2002-09	-1.9*	2009-12	-1.0							-1.6*	-1.2*
Black NH <sup>ef</sup>	1992-95	0.0	1995-02	-0.9*	2002-09	-1.7*	2009-12	-1.0					-1.5*	-1.2*
API <sup>e</sup>	1992-12	-0.9*											-0.9*	-0.9*
AI/AN <sup>eg</sup>	1992-04	0.6	2004-12	-1.4*									-1.2*	-1.4*
Hispanic <sup>f</sup>	1992-00	0.0	2000-12	-1.1*									-1.1*	-1.1*

Joinpoint Regression Program Version 4.2.0, April 2015, 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  
<sup>f</sup> 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>f</sup> The Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.  
<sup>g</sup> 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.