

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,  
1975-2017 With up to Five Joinpoints, 2000-2017 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	2008-17	2013-17
<u>SEER 9 Delay-Adjusted Incidence<sup>a</sup>, 1975-2017</u>														
All Races	1975-79	-0.3	1979-87	1.6*	1987-95	0.1	1995-98	1.5	1998-03	-0.5	2003-17	0.0	0.0	0.0
White	1975-79	-0.2	1979-87	1.7*	1987-95	0.1	1995-98	1.7	1998-03	-0.5	2003-17	0.0	0.0	0.0
Black	1975-92	1.1*	1992-17	0.0									0.0	0.0
<u>SEER 21 Delay-Adjusted Incidence<sup>b</sup>, 2000-2017</u>														
All Races	2000-17	0.0											0.0	0.0
White	2000-17	0.0											0.0	0.0
White NH <sup>ef</sup>	2000-17	0.1*											0.1*	0.1*
Black	2000-17	0.2*											0.2*	0.2*
Black NH <sup>ef</sup>	2000-17	0.2*											0.2*	0.2*
API <sup>e</sup>	2000-17	0.5*											0.5*	0.5*
AI/AN <sup>eg</sup>	2000-17	0.5*											0.5*	0.5*
Hispanic <sup>f</sup>	2000-17	0.4*											0.4*	0.4*
<u>U.S. Cancer Mortality<sup>c</sup>, 1975-2017</u>														
All Races	1975-90	0.6*	1990-94	-0.2	1994-02	-0.8*	2002-17	-1.4*					-1.4*	-1.4*
White	1975-90	0.6*	1990-95	-0.2	1995-98	-1.2*	1998-01	-0.2	2001-17	-1.3*			-1.3*	-1.3*
Black	1975-91	1.0*	1991-99	-0.5*	1999-17	-1.6*							-1.6*	-1.6*
<u>U.S. Cancer Mortality<sup>c</sup>, 2000-2017</u>														
All Races	2000-17	-1.4*											-1.4*	-1.4*
White	2000-17	-1.3*											-1.3*	-1.3*
White NH <sup>ef</sup>	2000-17	-1.3*											-1.3*	-1.3*
Black	2000-17	-1.6*											-1.6*	-1.6*
Black NH <sup>ef</sup>	2000-17	-1.5*											-1.5*	-1.5*
API <sup>e</sup>	2000-17	-1.0*											-1.0*	-1.0*
AI/AN <sup>eg</sup>	2000-17	-1.2*											-1.2*	-1.2*
Hispanic <sup>f</sup>	2000-17	-1.0*											-1.0*	-1.0*

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).

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

<sup>b</sup> 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).

<sup>c</sup> Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

<sup>d</sup> The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

<sup>e</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>g</sup> 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.