

Table 2.1
All Cancer Sites (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program,
1975-2016 With up to Five Joinpoints, 2000-2016 With up to Three Joinpoints,
Both Sexes 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	2007-16	2012-16
<u>SEER 9 Delay-Adjusted Incidence^a, 1975-2016</u>														
All Races	1975-89	1.2*	1989-92	2.8	1992-95	-2.4	1995-98	1.1	1998-08	-0.3*	2008-16	-1.0*	-0.9*	-1.0*
White	1975-82	0.8*	1982-92	1.8*	1992-95	-2.1	1995-98	1.4	1998-08	-0.3	2008-16	-1.0*	-0.9*	-1.0*
Black	1975-84	1.6*	1984-89	0.5	1989-92	3.9*	1992-09	-0.6*	2009-14	-1.9*	2014-16	0.4	-1.1*	-0.8
<u>SEER 21 Delay-Adjusted Incidence^b, 2000-2016</u>														
All Races	2000-04	-0.9*	2004-07	0.6	2007-16	-1.0*							-1.0*	-1.0*
White	2000-04	-0.9	2004-07	0.7	2007-16	-1.0*							-1.0*	-1.0*
White NH ^{ef}	2000-04	-0.8	2004-07	0.9	2007-16	-0.9*							-0.9*	-0.9*
Black	2000-06	-0.7*	2006-09	0.5	2009-14	-1.8*	2014-16	0.1					-0.9*	-0.9
Black NH ^{ef}	2000-05	-0.7*	2005-09	0.3	2009-14	-1.8*	2014-16	0.2					-0.9*	-0.8
API ^e	2000-16	-0.4*											-0.4*	-0.4*
AI/AN ^{eg}	2000-16	0.1											0.1	0.1
Hispanic ^f	2000-16	-0.6*											-0.6*	-0.6*
<u>U.S. Cancer Mortality^c, 1975-2016</u>														
All Races	1975-84	0.5*	1984-91	0.3*	1991-94	-0.5	1994-98	-1.3*	1998-01	-0.8*	2001-16	-1.5*	-1.5*	-1.5*
White	1975-90	0.4*	1990-94	-0.3	1994-98	-1.2*	1998-01	-0.6	2001-16	-1.4*			-1.4*	-1.4*
Black	1975-83	1.3*	1983-91	0.7*	1991-95	-0.8*	1995-01	-1.6*	2001-16	-2.1*			-2.1*	-2.1*
<u>U.S. Cancer Mortality^c, 2000-2016</u>														
All Races	2000-16	-1.5*											-1.5*	-1.5*
White	2000-16	-1.4*											-1.4*	-1.4*
White NH ^{ef}	2000-16	-1.4*											-1.4*	-1.4*
Black	2000-16	-2.1*											-2.1*	-2.1*
Black NH ^{ef}	2000-16	-2.0*											-2.0*	-2.0*
API ^e	2000-16	-1.3*											-1.3*	-1.3*
AI/AN ^{eg}	2000-16	-0.9*											-0.9*	-0.9*
Hispanic ^f	2000-16	-1.3*											-1.3*	-1.3*

Joinpoint Regression Program Version 4.7, February 2019, 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.