

Table 2.1
All Cancer Sites (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program,
1975-2010 With up to Five Joinpoints, 1992-2010 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	2001-10	2006-10
<u>SEER 9 Delay-Adjusted Incidence^a, 1975-2010</u>														
All Races	1975-89	1.2*	1989-92	2.9*	1992-95	-2.5	1995-98	1.2	1998-10	-0.3*			-0.3*	-0.3*
White	1975-82	0.8*	1982-92	1.8*	1992-95	-2.2	1995-98	1.5	1998-10	-0.3*			-0.3*	-0.3*
Black	1975-84	1.6*	1984-89	0.4	1989-92	4.7*	1992-95	-1.6	1995-10	-0.5*			-0.5*	-0.5*
<u>SEER 13 Delay-Adjusted Incidence^b, 1992-2010</u>														
All Races	1992-94	-3.2*	1994-98	0.4	1998-10	-0.4*							-0.4*	-0.4*
White	1992-94	-3.2*	1994-99	0.5	1999-10	-0.4*							-0.4*	-0.4*
Black	1992-10	-0.6*											-0.6*	-0.6*
<u>SEER 9 Observed Incidence^a, 1975-2010</u>														
All Races	1975-89	1.2*	1989-92	2.8	1992-95	-2.3	1995-99	0.8	1999-10	-0.5*			-0.5*	-0.5*
White	1975-82	0.9*	1982-92	1.8*	1992-95	-2.1	1995-99	1.1	1999-10	-0.5*			-0.5*	-0.5*
Black	1975-84	1.6*	1984-89	0.4	1989-92	4.7*	1992-95	-1.7	1995-08	-0.5*	2008-10	-2.5	-1.0*	-1.5*
<u>SEER 13 Observed Incidence^b, 1992-2010</u>														
All Races	1992-94	-3.1	1994-99	0.3	1999-10	-0.6*							-0.6*	-0.6*
White	1992-94	-3.3	1994-99	0.6	1999-10	-0.5*							-0.5*	-0.5*
White NH ^{ef}	1992-94	-3.2	1994-99	0.7	1999-10	-0.4*							-0.4*	-0.4*
Black	1992-10	-0.7*											-0.7*	-0.7*
Black NH ^{ef}	1992-10	-0.7*											-0.7*	-0.7*
API ^e	1992-10	-0.5*											-0.5*	-0.5*
AI/AN ^{eg}	1992-10	0.2											0.2	0.2
Hispanic ^f	1992-08	-0.1	2008-10	-2.8									-0.7	-1.5
<u>U.S. Cancer Mortality^c, 1975-2010</u>														
All Races	1975-84	0.5*	1984-91	0.3*	1991-94	-0.5	1994-98	-1.3*	1998-01	-0.8	2001-10	-1.5*	-1.5*	-1.5*
White	1975-90	0.4*	1990-94	-0.3	1994-98	-1.2*	1998-01	-0.6	2001-10	-1.4*			-1.4*	-1.4*
Black	1975-83	1.3*	1983-91	0.7*	1991-95	-0.8*	1995-02	-1.7*	2002-10	-2.2*			-2.1*	-2.2*
<u>U.S. Cancer Mortality^c, 1992-2010</u>														
All Races	1992-01	-1.0*	2001-10	-1.5*									-1.5*	-1.5*
White	1992-94	-0.3	1994-98	-1.2*	1998-01	-0.6	2001-10	-1.4*					-1.4*	-1.4*
White NH ^{ef}	1992-94	-0.1	1994-97	-1.3*	1997-01	-0.6*	2001-10	-1.3*					-1.3*	-1.3*
Black	1992-99	-1.3*	1999-10	-2.1*									-2.1*	-2.1*
Black NH ^{ef}	1992-01	-1.3*	2001-10	-2.1*									-2.1*	-2.1*
API ^e	1992-10	-1.4*											-1.4*	-1.4*
AI/AN ^{eg}	1992-10	0.0											0.0	0.0
Hispanic ^f	1992-01	-0.4*	2001-10	-1.5*									-1.5*	-1.5*

Joinpoint Regression Program Version 4.0.3, April 2013, 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 CT, DC, ME, MD, MN, NH, NY, ND, SC, OK and VT.
^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.