

Table 2.3
All Cancer Sites (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program,
1975-2014 With up to Five Joinpoints, 1992-2014 With up to Four Joinpoints,
Females 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	2005-14	2010-14
<u>SEER 9 Delay-Adjusted Incidence^a, 1975-2014</u>														
All Races	1975-79	-0.3	1979-87	1.6*	1987-95	0.1	1995-98	1.5	1998-03	-0.6	2003-14	0.1	0.1	0.1
White	1975-79	-0.2	1979-87	1.7*	1987-95	0.1	1995-98	1.7	1998-03	-0.5	2003-14	0.1	0.1	0.1
Black	1975-91	1.1*	1991-14	0.1									0.1	0.1
<u>SEER 13 Delay-Adjusted Incidence^b, 1992-2014</u>														
All Races	1992-98	0.8*	1998-03	-0.6	2003-14	0.0							0.0	0.0
White	1992-94	-0.3	1994-98	1.4*	1998-03	-0.7	2003-14	0.0					0.0	0.0
Black	1992-14	0.1											0.1	0.1
<u>SEER 9 Observed Incidence^a, 1975-2014</u>														
All Races	1975-79	-0.3	1979-87	1.6*	1987-95	0.1	1995-98	1.2	1998-14	-0.2*			-0.2*	-0.2*
White	1975-79	-0.2	1979-87	1.7*	1987-95	0.1	1995-98	1.4	1998-14	-0.2*			-0.2*	-0.2*
Black	1975-91	1.1*	1991-12	0.1	2012-14	-3.6							-0.7	-1.8
<u>SEER 13 Observed Incidence^b, 1992-2014</u>														
All Races	1992-94	-0.3	1994-98	1.2*	1998-04	-0.7*	2004-09	0.3	2009-14	-0.8*			-0.3	-0.8*
White	1992-94	-0.3	1994-98	1.4*	1998-04	-0.7*	2004-08	0.4	2008-14	-0.6*			-0.3	-0.6*
White NH ^{ef}	1992-94	0.0	1994-98	1.6*	1998-04	-0.6*	2004-08	0.5	2008-14	-0.6*			-0.2	-0.6*
Black	1992-11	0.1	2011-14	-2.3*									-0.7*	-1.7*
Black NH ^{ef}	1992-11	0.1	2011-14	-2.2*									-0.7*	-1.6*
API ^e	1992-14	0.1											0.1	0.1
AI/AN ^{eg}	1992-14	0.4*											0.4*	0.4*
Hispanic ^f	1992-14	0.1*											0.1*	0.1*
<u>U.S. Cancer Mortality^c, 1975-2014</u>														
All Races	1975-90	0.6*	1990-94	-0.2	1994-02	-0.8*	2002-14	-1.4*					-1.4*	-1.4*
White	1975-90	0.6*	1990-95	-0.2	1995-98	-1.2*	1998-01	-0.2	2001-14	-1.3*			-1.3*	-1.3*
Black	1975-91	1.0*	1991-99	-0.6*	1999-14	-1.6*							-1.6*	-1.6*
<u>U.S. Cancer Mortality^c, 1992-2014</u>														
All Races	1992-94	-0.2	1994-02	-0.8*	2002-14	-1.4*							-1.4*	-1.4*
White	1992-95	-0.2	1995-98	-1.2*	1998-01	-0.2	2001-14	-1.3*					-1.3*	-1.3*
White NH ^{ef}	1992-94	0.6	1994-98	-1.0*	1998-01	-0.2	2001-14	-1.3*					-1.3*	-1.3*
Black	1992-99	-0.6*	1999-14	-1.6*									-1.6*	-1.6*
Black NH ^{ef}	1992-99	-0.5*	1999-14	-1.5*									-1.5*	-1.5*
API ^e	1992-14	-1.0*											-1.0*	-1.0*
AI/AN ^{eg}	1992-04	0.7	2004-14	-1.5*									-1.5*	-1.5*
Hispanic ^f	1992-99	0.1	1999-14	-1.0*									-1.0*	-1.0*

Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute. (<https://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
^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.
^f The Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.
^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.