

Table 2.15
All Cancer Sites (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2009-2013			Trend 2004-2013 ^c			Trend 2004-2013 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	448.7	504.5	409.9	-1.1*	-2.0*	-0.3	-1.0*	-1.9*	-0.2*
White	457.4	508.2	422.5	-1.1*	-2.0*	-0.3	-1.1*	-1.9*	-0.2*
White Hispanic ^e	354.8	391.3	333.8	-1.2*	-2.7*	0.1*	-	-	-
White Non-Hispanic ^e	477.2	529.2	440.8	-1.0*	-1.9*	-0.2	-	-	-
Black	470.2	571.8	400.5	-1.5*	-2.6*	-0.6	-1.4*	-2.3*	0.0
Asian/Pacific Islander	302.8	317.3	296.7	-1.1*	-2.4*	0.1	-	-	-
Amer Ind/Alaska Nat ^f	320.0	338.5	310.7	0.0	-0.5	0.5*	-	-	-
Hispanic ^e	344.6	382.9	321.9	-1.1*	-2.3*	0.1	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2009-2013			Trend 2004-2013 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	168.5	204.0	143.4	-1.5*	-1.8*	-1.4*			
White	168.4	202.9	143.6	-1.4*	-1.7*	-1.4*			
White Hispanic ^e	124.2	152.8	104.1	-1.1*	-1.3*	-0.9*			
White Non-Hispanic ^e	172.4	207.2	147.3	-1.4*	-1.6*	-1.3*			
Black	197.9	254.2	163.8	-2.1*	-2.7*	-1.6*			
Asian/Pacific Islander	104.4	125.6	89.6	-1.4*	-1.6*	-1.0*			
Amer Ind/Alaska Nat									
Total U.S.	114.4	136.6	98.5	-2.0*	-1.4*	-2.1*			
CHSDA Counties	153.6	183.0	132.3	-1.1*	-0.3*	-1.3*			
Non-CHSDA Counties	70.4	85.1	60.1	-2.8*	-3.3*	-2.5*			
Hispanic ^e	117.6	145.0	98.5	-1.2*	-1.6*	-1.0*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

c The 2004-2013 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2013.

d The 2004-2013 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2013.

e 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 2004-2013 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

g US Mortality Files, National Center for Health Statistics, CDC.

h The 2004-2013 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2013.

* The APC is significantly different from zero (p<.05).