

Table 2.15  
All Cancer Sites (Invasive)

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

SEER Incidence	SEER 18 Areas <sup>b</sup>			SEER 13 Areas <sup>b</sup>			SEER 9 Areas <sup>b</sup>		
	Rate 2007-2011			Trend 2002-2011 <sup>c</sup>			Trend 2002-2011 <sup>d</sup>		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	460.4	529.4	411.3	-0.8*	-1.2*	-0.3*	-0.7*	-1.2*	-0.2*
White	468.9	532.1	424.4	-0.8*	-1.2*	-0.3*	-0.7*	-1.3*	-0.2*
White Hispanic <sup>e</sup>	364.3	414.7	332.9	-0.3*	-1.2*	0.1*	-	-	-
White Non-Hispanic <sup>e</sup>	487.9	552.1	441.9	-0.8*	-1.1*	-0.3	-	-	-
Black	480.8	600.9	398.8	-1.2*	-2.1*	0.0	-1.1*	-2.0*	0.0
Asian/Pacific Islander	306.7	331.0	293.0	-0.5*	-1.6*	0.1	-	-	-
Amer Ind/Alaska Nat <sup>f</sup>	319.3	348.1	301.9	0.2	-0.2	0.6*	-	-	-
Hispanic <sup>e</sup>	353.2	405.0	320.4	-0.3*	-1.3*	0.1	-	-	-
U.S. Mortality <sup>g</sup>									
	Rate 2007-2011			Trend 2002-2011 <sup>h</sup>					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
RACE/ETHNICITY									
All Races	173.8	211.6	147.4	-1.5*	-1.8*	-1.4*			
White	173.3	209.8	147.5	-1.4*	-1.7*	-1.4*			
White Hispanic <sup>e</sup>	126.6	157.6	105.3	-1.1*	-1.3*	-1.0*			
White Non-Hispanic <sup>e</sup>	177.3	214.0	151.2	-1.4*	-1.6*	-1.3*			
Black	206.4	269.3	169.0	-2.1*	-2.6*	-1.5*			
Asian/Pacific Islander	107.8	131.0	91.5	-1.4*	-1.6*	-1.0*			
Amer Ind/Alaska Nat									
Total U.S.	120.0	145.2	102.1	-1.4*	-1.2*	-1.9*			
CHSDA Counties	158.0	190.0	135.2	-0.1	-0.2	-1.2*			
Non-CHSDA Counties	75.5	93.1	63.1	-2.7*	-3.2*	-2.5*			
Hispanic <sup>e</sup>	120.3	150.1	99.9	-1.3*	-1.4*	-1.2*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, 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 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.

d The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.

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 2002-2011 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 2002-2011 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2011.

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