

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 2011-2015			Trend 2006-2015 <sup>c</sup>			Trend 2006-2015 <sup>d</sup>		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	439.2	483.0	409.9	-1.2*	-2.3*	-0.3	-1.1*	-2.1*	-0.2*
White	448.8	488.5	423.1	-1.2*	-2.2*	-0.3	-1.1*	-2.0*	-0.2*
White Hispanic <sup>e</sup>	346.0	370.5	334.6	-1.3*	-2.7*	0.4*	-	-	-
White Non-Hispanic <sup>e</sup>	469.6	510.7	442.3	-1.1*	-2.1*	-0.2*	-	-	-
Black	453.4	535.0	397.8	-1.9*	-3.2*	-0.7*	-1.8*	-3.0*	-0.6
Asian/Pacific Islander	297.9	303.5	298.3	-1.2*	-2.5*	0.1	-	-	-
Amer Ind/Alaska Nat <sup>f</sup>	315.1	325.6	311.4	0.0	-0.5*	0.5*	-	-	-
Hispanic <sup>e</sup>	336.3	362.9	322.9	-1.2*	-2.6*	0.2*	-	-	-
U.S. Mortality <sup>g</sup>									
	Rate 2011-2015			Trend 2006-2015 <sup>h</sup>					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
RACE/ETHNICITY									
All Races	163.5	196.8	139.6	-1.5*	-1.8*	-1.4*			
White	163.8	196.4	140.0	-1.4*	-1.7*	-1.3*			
White Hispanic <sup>e</sup>	121.6	148.4	102.7	-1.1*	-1.3*	-0.9*			
White Non-Hispanic <sup>e</sup>	167.8	200.6	143.6	-1.4*	-1.6*	-1.3*			
Black	189.8	239.9	159.0	-2.1*	-2.7*	-1.6*			
Asian/Pacific Islander	102.0	121.2	88.3	-1.3*	-1.6*	-1.0*			
Amer Ind/Alaska Nat									
Total U.S.	110.3	131.9	94.1	-2.0*	-1.4*	-2.1*			
CHSDA Counties	150.4	181.5	127.6	-1.1*	-0.4*	-1.4*			
Non-CHSDA Counties	66.9	79.5	57.3	-2.7*	-3.3*	-2.5*			
Hispanic <sup>e</sup>	115.0	140.6	97.1	-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 4.6, February 2018, 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 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2015.

d The 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2015.

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 2006-2015 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 2006-2015 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2015.

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