

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 17 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2004-2008			Trend 1999-2008 ^c			Trend 1999-2008 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	464.4	541.0	411.6	-0.7*	-1.0*	-0.4*	-0.6*	-0.8*	-0.4*
White	471.8	543.6	423.0	-0.7*	-0.9*	-0.5*	-0.7*	-0.9*	-0.5*
White Hispanic ^e	361.8	411.8	331.1	-0.5*	-1.5*	0.0	-	-	-
White Non-Hispanic ^e	490.9	565.3	439.4	-0.6*	-0.8*	-0.4*	-	-	-
Black	491.2	626.1	400.9	-0.8*	-1.6*	-0.1	-0.8*	-1.5*	0.0
Asian/Pacific Islander	315.9	347.7	297.0	-0.4*	-1.0*	0.3*	-	-	-
Amer Ind/Alaska Nat ^f	319.9	338.0	309.0	0.0	-0.7	0.7*	-	-	-
Hispanic ^e	356.1	407.3	324.4	-0.4*	-1.4*	0.1	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2004-2008			Trend 1999-2008 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	181.3	223.0	153.2	-1.4*	-1.7*	-1.3*			
White	180.0	220.0	152.8	-1.3*	-1.6*	-1.2*			
White Hispanic ^e	125.2	154.0	105.2	-1.7*	-2.2*	-1.3*			
White Non-Hispanic ^e	184.3	225.1	156.6	-1.2*	-1.5*	-1.1*			
Black	220.8	295.3	177.7	-1.9*	-2.3*	-1.5*			
Asian/Pacific Islander	110.9	134.7	94.1	-1.5*	-1.8*	-1.0*			
Amer Ind/Alaska Nat									
Total U.S.	124.6	148.4	107.7	-1.3*	-1.9*	-0.7*			
CHSDA Counties	159.6	190.0	138.4	-0.1	-0.2	0.0			
Non-CHSDA Counties	82.2	99.0	69.7	-2.8*	-3.6*	-1.3*			
Hispanic ^e	121.0	149.1	101.5	-1.8*	-2.3*	-1.3*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.5, April 2011, 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 17 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana and New Jersey.

c The 1999-2008 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2008.

d The 1999-2008 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2008.

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 2004-2008 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia and North Dakota.

The 1999-2008 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma and Vermont.

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 1999-2008 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2008.

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