

Table 2.12
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 2002-2006 | | | Trend 1997-2006 ^c | | | Trend 1997-2006 ^d | | |
| | Rate per 100,000 persons | | | AAPC (%) | | | AAPC (%) | | |
| RACE/ETHNICITY | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| All Races | 462.9 | 541.8 | 408.5 | -0.8* | -1.1* | -0.7* | -0.6* | -0.9* | -0.5* |
| White | 470.6 | 544.3 | 420.5 | -0.8* | -1.1* | -0.7* | -0.6* | -0.9* | -0.5* |
| White Hispanic ^e | 357.2 | 416.0 | 319.7 | -0.7* | -1.7* | -0.3* | - | - | - |
| White Non-Hispanic ^e | 489.2 | 564.4 | 437.4 | -0.6* | -1.0* | -0.6* | - | - | - |
| Black | 493.6 | 633.7 | 398.9 | -1.5* | -2.6* | -0.2 | -1.4* | -2.4* | -0.1 |
| Asian/Pacific Islander | 311.1 | 349.1 | 287.5 | -0.9* | -1.1* | -0.4 | - | - | - |
| Amer Ind/Alaska Nat ^f | 313.6 | 331.0 | 302.2 | 0.1 | -1.0* | 1.1* | - | - | - |
| Hispanic ^e | 350.6 | 409.7 | 312.5 | -0.6* | -1.7* | -0.2 | - | - | - |
| <u>U.S. Mortality^g</u> | | | | | | | | | |
| RACE/ETHNICITY | Rate 2002-2006 | | | Trend 1997-2006 ^h | | | | | |
| | Rate per 100,000 persons | | | AAPC (%) | | | | | |
| | Total | Males | Females | Total | Males | Females | | | |
| All Races | 186.9 | 229.9 | 157.8 | -1.3* | -1.8* | -1.1* | | | |
| White | 185.4 | 226.7 | 157.3 | -1.2* | -1.6* | -1.0* | | | |
| White Hispanic ^e | 129.0 | 159.8 | 107.7 | -1.5* | -2.1* | -1.2* | | | |
| White Non-Hispanic ^e | 189.8 | 231.8 | 161.2 | -1.1* | -1.4* | -0.9* | | | |
| Black | 229.0 | 304.2 | 183.7 | -2.0* | -2.6* | -1.4* | | | |
| Asian/Pacific Islander | 111.8 | 135.4 | 95.1 | -1.7* | -2.1* | -1.1* | | | |
| Amer Ind/Alaska Nat | | | | | | | | | |
| Total U.S. | 125.1 | 146.4 | 110.1 | -1.6* | -2.6* | -0.6* | | | |
| CHSDA Counties | 157.8 | 183.3 | 140.1 | -0.2 | -0.5* | 0.1 | | | |
| Non-CHSDA Counties | 84.1 | 100.7 | 72.0 | -2.4* | -4.0 | -1.3 | | | |
| Hispanic ^e | 124.7 | 154.7 | 103.9 | -1.5* | -2.2* | -1.1* | | | |

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.3, April 2008, 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 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 2 Joinpoints over diagnosis years 1992-2006.

d The 1997-2006 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1975-2006.

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 2002-2006 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, Minnesota, New Hampshire and North Dakota. The 1997-2006 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 1997-2006 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2006.

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