

Table 6.21
Cancer of the Colon and Rectum (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 2008-2012 | | | Trend 2003-2012 ^c | | | Trend 2003-2012 ^d | | |
| | Rate per 100,000 persons | | | AAPC (%) | | | AAPC (%) | | |
| RACE/ETHNICITY | Total | Males | Females | Total | Males | Females | Total | Males | Females |
| All Races | 42.4 | 48.9 | 37.1 | -3.0* | -3.2* | -2.9* | -3.1* | -3.4* | -3.0* |
| White | 41.5 | 47.8 | 36.3 | -3.2* | -3.5* | -3.0* | -3.3* | -3.6* | -3.0* |
| White Hispanic ^e | 37.0 | 44.9 | 30.8 | -1.8* | -1.9* | -1.8* | - | - | - |
| White Non-Hispanic ^e | 42.4 | 48.4 | 37.2 | -3.3* | -3.6* | -3.1* | - | - | - |
| Black | 52.3 | 61.2 | 46.0 | -3.1* | -3.2* | -3.5* | -3.3* | -3.4* | -3.5* |
| Asian/Pacific Islander | 36.1 | 42.2 | 31.3 | -2.5* | -2.5* | -2.9* | - | - | - |
| Amer Ind/Alaska Nat ^f | 40.3 | 46.3 | 35.7 | -0.4 | -0.1 | -0.6 | - | - | - |
| Hispanic ^e | 35.8 | 43.3 | 30.0 | -1.9* | -2.0* | -1.9* | - | - | - |
| <u>U.S. Mortality^g</u> | | | | | | | | | |
| | Rate 2008-2012 | | | Trend 2003-2012 ^h | | | | | |
| | Rate per 100,000 persons | | | AAPC (%) | | | | | |
| RACE/ETHNICITY | Total | Males | Females | Total | Males | Females | | | |
| All Races | 15.5 | 18.6 | 13.1 | -2.8* | -2.9* | -2.9* | | | |
| White | 15.0 | 18.0 | 12.7 | -2.8* | -2.9* | -2.9* | | | |
| White Hispanic ^e | 12.9 | 16.5 | 10.1 | -1.5* | -1.3* | -2.0* | | | |
| White Non-Hispanic ^e | 15.2 | 18.2 | 12.9 | -2.8* | -3.0* | -2.9* | | | |
| Black | 21.4 | 26.9 | 17.8 | -2.9* | -2.7* | -3.3* | | | |
| Asian/Pacific Islander | 11.0 | 13.0 | 9.4 | -1.7* | -1.8* | -1.5* | | | |
| Amer Ind/Alaska Nat | | | | | | | | | |
| Total U.S. | 12.5 | 14.0 | 11.2 | -1.5* | -2.3* | -0.8 | | | |
| CHSDA Counties | 17.1 | 18.8 | 15.6 | -0.8 | -1.4* | 0.0 | | | |
| Non-CHSDA Counties | 7.2 | 8.7 | 6.2 | -1.9* | -3.0* | -1.5* | | | |
| Hispanic ^e | 12.2 | 15.6 | 9.6 | -1.8* | -1.5* | -2.2* | | | |

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, 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 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2012.

d The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2012.

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 2003-2012 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 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

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