

Table 6.21  
Cancer of the Colon and Rectum (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 2009-2013			Trend 2004-2013 <sup>c</sup>			Trend 2004-2013 <sup>d</sup>		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	41.0	47.1	36.0	-3.2*	-3.3*	-3.1*	-3.2*	-3.4*	-3.2*
White	40.1	46.0	35.2	-3.3*	-3.6*	-3.1*	-3.4*	-3.7*	-3.2*
White Hispanic <sup>e</sup>	35.8	42.9	30.2	-2.3*	-2.3*	-2.4*	-	-	-
White Non-Hispanic <sup>e</sup>	41.0	46.7	36.2	-3.4*	-3.7*	-3.1*	-	-	-
Black	50.7	59.2	44.8	-3.4*	-3.0*	-3.7*	-3.5*	-2.8*	-4.0*
Asian/Pacific Islander	34.8	41.2	29.8	-2.6*	-2.5*	-3.4*	-	-	-
Amer Ind/Alaska Nat <sup>f</sup>	40.9	46.2	36.8	-0.4	-0.3	-0.4	-	-	-
Hispanic <sup>e</sup>	34.7	41.3	29.4	-2.3*	-2.4*	-2.4*	-	-	-
<u>U.S. Mortality<sup>g</sup></u>									
	Rate 2009-2013			Trend 2004-2013 <sup>h</sup>					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	15.1	18.1	12.7	-2.7*	-2.7*	-2.8*			
White	14.7	17.6	12.3	-2.6*	-2.7*	-2.8*			
White Hispanic <sup>e</sup>	12.7	16.3	10.0	-1.5*	-1.2*	-2.0*			
White Non-Hispanic <sup>e</sup>	14.9	17.7	12.5	-2.6*	-2.8*	-2.8*			
Black	20.7	26.1	17.1	-3.0*	-2.7*	-3.4*			
Asian/Pacific Islander	10.5	12.6	9.0	-1.8*	-1.9*	-1.7*			
Amer Ind/Alaska Nat									
Total U.S.	12.1	13.9	10.8	-1.4*	-2.0*	-0.8			
CHSDA Counties	16.8	18.9	15.1	0.1	-1.0	0.0			
Non-CHSDA Counties	6.9	8.5	5.9	-1.9*	-2.0*	-1.5*			
Hispanic <sup>e</sup>	12.0	15.4	9.4	-1.7*	-1.4*	-2.2*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, 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 2004-2013 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2013.

d The 2004-2013 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2013.

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 2004-2013 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 2004-2013 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2013.

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