

Table 6.2
Cancer of the Colon and Rectum (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program,
1975-2016 With up to Five Joinpoints, 2000-2016 With up to Three Joinpoints,
Males by Race/Ethnicity

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^d	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2007-16	2012-16
<u>SEER 9 Delay-Adjusted Incidence^a, 1975-2016</u>														
All Races	1975-85	1.1*	1985-91	-1.2*	1991-95	-3.2*	1995-98	2.3	1998-13	-3.0*	2013-16	-0.6	-2.2*	-1.2
White	1975-86	1.1*	1986-95	-2.3*	1995-98	1.4	1998-07	-2.9*	2007-12	-4.1*	2012-16	-0.4	-2.5*	-0.4
Black	1975-80	4.5	1980-02	0.0	2002-16	-2.7*							-2.7*	-2.7*
<u>SEER 21 Delay-Adjusted Incidence^b, 2000-2016</u>														
All Races	2000-12	-3.1*	2012-16	-1.6*									-2.4*	-1.6*
White	2000-12	-3.3*	2012-16	-1.4*									-2.5*	-1.4*
White NH ^{ef}	2000-12	-3.4*	2012-16	-1.2									-2.4*	-1.2
Black	2000-16	-2.3*											-2.3*	-2.3*
Black NH ^{ef}	2000-16	-2.2*											-2.2*	-2.2*
API ^e	2000-16	-2.2*											-2.2*	-2.2*
AI/AN ^{eg}	2000-16	-0.3											-0.3	-0.3
Hispanic ^f	2000-08	-1.2*	2008-12	-4.2*	2012-16	-0.6							-2.3*	-0.6
<u>U.S. Cancer Mortality^c, 1975-2016</u>														
All Races	1975-79	0.6	1979-87	-0.6*	1987-02	-1.9*	2002-05	-4.2*	2005-16	-2.4*			-2.4*	-2.4*
White	1975-79	0.6	1979-87	-0.8*	1987-02	-2.1*	2002-05	-4.1*	2005-12	-2.6*	2012-16	-1.8*	-2.3*	-1.8*
Black	1975-90	1.2*	1990-02	-0.7*	2002-16	-2.8*							-2.8*	-2.8*
<u>U.S. Cancer Mortality^c, 2000-2016</u>														
All Races	2000-02	-2.1*	2002-05	-4.0*	2005-12	-2.6*	2012-16	-2.0*					-2.3*	-2.0*
White	2000-02	-2.1*	2002-05	-4.2*	2005-12	-2.6*	2012-16	-1.8*					-2.3*	-1.8*
White NH ^{ef}	2000-02	-2.2*	2002-05	-4.1*	2005-12	-2.7*	2012-16	-1.7*					-2.3*	-1.7*
Black	2000-16	-2.7*											-2.7*	-2.7*
Black NH ^{ef}	2000-16	-2.6*											-2.6*	-2.6*
API ^e	2000-16	-2.2*											-2.2*	-2.2*
AI/AN ^{eg}	2000-16	-0.7											-0.7	-0.7
Hispanic ^f	2000-16	-1.7*											-1.7*	-1.7*

Joinpoint Regression Program Version 4.7, February 2019, National Cancer Institute. (<https://surveillance.cancer.gov/joinpoint/>).

The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^a Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

^b Trends are from the SEER 21 areas (SEER 9 areas, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding

SF/SJM/LA, Kentucky, Louisiana, New Jersey, Georgia excluding ATL/RG, Idaho, New York and Massachusetts).

^c Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

^d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^e API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

^f 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.

^g Data for American Indian/Alaska Native are based on the Purchased/Referred Care Delivery Area (PRCDA) counties.

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

- Joinpoint regression line analysis could not be performed on data series.