

Table 6.3
Cancer of the Colon and Rectum (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program,
1975-2017 With up to Five Joinpoints, 2000-2017 With up to Three Joinpoints,
Females 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	2008-17	2013-17
<u>SEER 9 Delay-Adjusted Incidence^a, 1975-2017</u>														
All Races	1975-85	0.3	1985-95	-1.9*	1995-98	1.8	1998-08	-2.0*	2008-11	-4.7*	2011-17	-0.8*	-2.1*	-0.8*
White	1975-85	0.3	1985-95	-2.1*	1995-98	2.0	1998-08	-2.2*	2008-11	-4.6*	2011-17	-0.6	-2.0*	-0.6
Black	1975-05	-0.1	2005-13	-4.2*	2013-17	0.3							-2.2*	0.3
<u>SEER 21 Delay-Adjusted Incidence^b, 2000-2017</u>														
All Races	2000-08	-2.3*	2008-12	-3.4*	2012-17	-1.0*							-2.1*	-1.0*
White	2000-12	-2.7*	2012-17	-1.0*									-1.8*	-1.0*
White NH ^{ef}	2000-12	-2.7*	2012-17	-1.1*									-1.8*	-1.1*
Black	2000-03	0.4	2003-17	-2.7*									-2.7*	-2.7*
Black NH ^{ef}	2000-02	2.2	2002-17	-2.6*									-2.6*	-2.6*
API ^e	2000-08	-1.0*	2008-13	-4.1*	2013-17	-0.6							-2.6*	-0.6
AI/AN ^{eg}	2000-17	0.1											0.1	0.1
Hispanic ^f	2000-04	-0.1	2004-12	-2.4*	2012-17	0.1							-1.0*	0.1
<u>U.S. Cancer Mortality^c, 1975-2017</u>														
All Races	1975-84	-1.0*	1984-01	-1.8*	2001-12	-2.9*	2012-17	-1.5*					-2.1*	-1.5*
White	1975-84	-1.2*	1984-01	-2.0*	2001-11	-2.9*	2011-17	-1.5*					-2.0*	-1.5*
Black	1975-85	0.8*	1985-01	-0.7*	2001-17	-3.2*							-3.2*	-3.2*
<u>U.S. Cancer Mortality^c, 2000-2017</u>														
All Races	2000-12	-2.9*	2012-17	-1.5*									-2.1*	-1.5*
White	2000-10	-3.0*	2010-17	-1.7*									-2.0*	-1.7*
White NH ^{ef}	2000-10	-3.0*	2010-17	-1.6*									-1.9*	-1.6*
Black	2000-17	-3.1*											-3.1*	-3.1*
Black NH ^{ef}	2000-17	-3.0*											-3.0*	-3.0*
API ^e	2000-17	-1.9*											-1.9*	-1.9*
AI/AN ^{eg}	2000-17	-0.9											-0.9	-0.9
Hispanic ^f	2000-17	-2.0*											-2.0*	-2.0*

Joinpoint Regression Program Version 4.8, April 2020, 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.