

Table 6.1  
Cancer of the Colon and Rectum (Invasive)

Trends in SEER Incidence<sup>ab</sup> and U.S. Mortality<sup>c</sup> Using the Joinpoint Regression Program,  
1975-2017 With up to Five Joinpoints, 2000-2017 With up to Three Joinpoints,  
Both Sexes by Race/Ethnicity

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC <sup>d</sup>	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2008-17	2013-17
<u>SEER 9 Delay-Adjusted Incidence<sup>a</sup>, 1975-2017</u>														
All Races	1975-85	0.8*	1985-95	-1.8*	1995-98	1.4	1998-08	-2.3*	2008-11	-4.6*	2011-17	-0.9*	-2.2*	-0.9*
White	1975-85	0.8*	1985-95	-2.0*	1995-98	1.6	1998-08	-2.5*	2008-11	-4.8*	2011-17	-0.8*	-2.1*	-0.8*
Black	1975-80	3.1*	1980-02	-0.1	2002-17	-2.5*							-2.5*	-2.5*
<u>SEER 21 Delay-Adjusted Incidence<sup>b</sup>, 2000-2017</u>														
All Races	2000-08	-2.5*	2008-11	-3.9*	2011-17	-1.3*							-2.2*	-1.3*
White	2000-12	-3.0*	2012-17	-1.2*									-2.0*	-1.2*
White NH <sup>ef</sup>	2000-12	-3.0*	2012-17	-1.0*									-1.9*	-1.0*
Black	2000-03	0.5	2003-17	-2.6*									-2.6*	-2.6*
Black NH <sup>ef</sup>	2000-03	0.6	2003-17	-2.5*									-2.5*	-2.5*
API <sup>e</sup>	2000-17	-2.1*											-2.1*	-2.1*
AI/AN <sup>eg</sup>	2000-17	-0.3											-0.3	-0.3
Hispanic <sup>f</sup>	2000-04	-0.1	2004-13	-2.4*	2013-17	-0.3							-1.5*	-0.3
<u>U.S. Cancer Mortality<sup>c</sup>, 1975-2017</u>														
All Races	1975-78	0.2	1978-85	-0.8*	1985-02	-1.8*	2002-05	-3.8*	2005-12	-2.6*	2012-17	-1.8*	-2.1*	-1.8*
White	1975-78	0.2	1978-85	-1.0*	1985-02	-1.9*	2002-05	-3.8*	2005-12	-2.5*	2012-17	-1.6*	-2.0*	-1.6*
Black	1975-90	0.6*	1990-01	-0.8*	2001-17	-2.9*							-2.9*	-2.9*
<u>U.S. Cancer Mortality<sup>c</sup>, 2000-2017</u>														
All Races	2000-11	-2.9*	2011-17	-1.8*									-2.1*	-1.8*
White	2000-02	-2.3*	2002-05	-3.8*	2005-12	-2.5*	2012-17	-1.6*					-2.0*	-1.6*
White NH <sup>ef</sup>	2000-02	-2.3*	2002-05	-3.8*	2005-12	-2.5*	2012-17	-1.6*					-2.0*	-1.6*
Black	2000-17	-2.8*											-2.8*	-2.8*
Black NH <sup>ef</sup>	2000-17	-2.7*											-2.7*	-2.7*
API <sup>e</sup>	2000-17	-1.9*											-1.9*	-1.9*
AI/AN <sup>eg</sup>	2000-17	-0.7											-0.7	-0.7
Hispanic <sup>f</sup>	2000-17	-1.7*											-1.7*	-1.7*

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).

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

<sup>b</sup> 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).

<sup>c</sup> Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

<sup>d</sup> The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

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

<sup>f</sup> 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.

<sup>g</sup> 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.