

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,  
1975-2016 With up to Five Joinpoints, 2000-2016 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	2007-16	2012-16
<u>SEER 9 Delay-Adjusted Incidence<sup>a</sup>, 1975-2016</u>														
All Races	1975-85	0.8*	1985-95	-1.8*	1995-98	1.5	1998-08	-2.3*	2008-12	-4.0*	2012-16	-0.3	-2.2*	-0.3
White	1975-85	0.8*	1985-95	-2.0*	1995-98	1.6	1998-08	-2.5*	2008-11	-4.9*	2011-16	-0.7	-2.3*	-0.7
Black	1975-80	3.3*	1980-03	-0.1	2003-16	-2.7*							-2.7*	-2.7*
<u>SEER 21 Delay-Adjusted Incidence<sup>b</sup>, 2000-2016</u>														
All Races	2000-08	-2.5*	2008-12	-3.5*	2012-16	-1.0*							-2.3*	-1.0*
White	2000-12	-3.0*	2012-16	-1.3*									-2.2*	-1.3*
White NH <sup>ef</sup>	2000-12	-3.0*	2012-16	-1.1									-2.1*	-1.1
Black	2000-03	0.0	2003-09	-2.1*	2009-12	-3.9*	2012-16	-1.8*					-2.6*	-1.8*
Black NH <sup>ef</sup>	2000-03	0.5	2003-16	-2.5*									-2.5*	-2.5*
API <sup>e</sup>	2000-16	-2.2*											-2.2*	-2.2*
AI/AN <sup>eg</sup>	2000-16	-0.1											-0.1	-0.1
Hispanic <sup>f</sup>	2000-04	-0.1	2004-13	-2.5*	2013-16	-0.1							-1.7*	-0.7
<u>U.S. Cancer Mortality<sup>c</sup>, 1975-2016</u>														
All Races	1975-78	0.2	1978-85	-0.8*	1985-02	-1.8*	2002-05	-3.8*	2005-12	-2.6*	2012-16	-1.8*	-2.2*	-1.8*
White	1975-78	0.2	1978-85	-1.0*	1985-02	-1.9*	2002-05	-3.8*	2005-12	-2.5*	2012-16	-1.6*	-2.1*	-1.6*
Black	1975-90	0.6*	1990-01	-0.8*	2001-16	-2.9*							-2.9*	-2.9*
<u>U.S. Cancer Mortality<sup>c</sup>, 2000-2016</u>														
All Races	2000-10	-2.9*	2010-16	-2.0*									-2.3*	-2.0*
White	2000-10	-3.0*	2010-16	-1.8*									-2.2*	-1.8*
White NH <sup>ef</sup>	2000-10	-3.0*	2010-16	-1.7*									-2.2*	-1.7*
Black	2000-16	-2.9*											-2.9*	-2.9*
Black NH <sup>ef</sup>	2000-16	-2.8*											-2.8*	-2.8*
API <sup>e</sup>	2000-16	-2.0*											-2.0*	-2.0*
AI/AN <sup>eg</sup>	2000-16	-0.8											-0.8	-0.8
Hispanic <sup>f</sup>	2000-16	-1.8*											-1.8*	-1.8*

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).

<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.