

Table 6.1
Cancer of the Colon and Rectum (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program,
1975-2014 With up to Five Joinpoints, 1992-2014 With up to Four 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 ^d	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2005-14	2010-14
<u>SEER 9 Delay-Adjusted Incidence^a, 1975-2014</u>														
All Races	1975-85	0.8*	1985-95	-1.8*	1995-98	1.5	1998-08	-2.3*	2008-12	-4.0*	2012-14	0.4	-2.5*	-1.9*
White	1975-85	0.8*	1985-95	-2.0*	1995-98	1.6	1998-08	-2.5*	2008-11	-4.8*	2011-14	-0.6	-2.6*	-1.6*
Black	1975-80	3.3*	1980-04	-0.2	2004-14	-3.3*							-3.3*	-3.3*
<u>SEER 13 Delay-Adjusted Incidence^b, 1992-2014</u>														
All Races	1992-95	-2.1*	1995-98	1.6	1998-08	-2.2*	2008-12	-4.0*	2012-14	-0.4			-2.6*	-2.2*
White	1992-95	-2.2*	1995-98	1.7	1998-08	-2.4*	2008-12	-4.2*	2012-14	0.4			-2.6*	-1.9*
Black	1992-04	-0.1	2004-14	-3.3*									-3.3*	-3.3*
<u>SEER 9 Observed Incidence^a, 1975-2014</u>														
All Races	1975-85	0.8*	1985-95	-1.8*	1995-98	1.5	1998-08	-2.3*	2008-11	-4.6*	2011-14	-1.3	-2.7*	-2.1*
White	1975-85	0.8*	1985-95	-2.0*	1995-98	1.6	1998-08	-2.5*	2008-11	-4.9*	2011-14	-1.0	-2.8*	-2.0*
Black	1975-80	3.3*	1980-04	-0.2	2004-14	-3.5*							-3.5*	-3.5*
<u>SEER 13 Observed Incidence^b, 1992-2014</u>														
All Races	1992-95	-2.1*	1995-98	1.6	1998-08	-2.2*	2008-12	-4.1*	2012-14	-0.9			-2.8*	-2.5*
White	1992-95	-2.2*	1995-98	1.7	1998-08	-2.4*	2008-12	-4.3*	2012-14	-0.2			-2.8*	-2.3*
White NH ^{ef}	1992-95	-2.2*	1995-98	1.8	1998-08	-2.5*	2008-12	-4.3*	2012-14	0.3			-2.7*	-2.0*
Black	1992-03	-0.1	2003-08	-2.2*	2008-14	-4.6*							-3.8*	-4.6*
Black NH ^{ef}	1992-03	-0.1	2003-09	-2.3*	2009-14	-4.8*							-3.7*	-4.8*
API ^e	1992-02	-0.3	2002-14	-2.6*									-2.6*	-2.6*
AI/AN ^{eg}	1992-14	-0.2											-0.2	-0.2
Hispanic ^f	1992-07	0.0	2007-14	-3.1*									-2.4*	-3.1*
<u>U.S. Cancer Mortality^c, 1975-2014</u>														
All Races	1975-84	-0.5*	1984-02	-1.8*	2002-05	-3.8*	2005-14	-2.5*					-2.5*	-2.5*
White	1975-84	-0.7*	1984-02	-1.9*	2002-05	-3.9*	2005-14	-2.4*					-2.4*	-2.4*
Black	1975-90	0.7*	1990-02	-0.9*	2002-14	-3.1*							-3.1*	-3.1*
<u>U.S. Cancer Mortality^c, 1992-2014</u>														
All Races	1992-02	-1.8*	2002-05	-3.8*	2005-14	-2.5*							-2.5*	-2.5*
White	1992-02	-1.9*	2002-05	-3.9*	2005-14	-2.4*							-2.4*	-2.4*
White NH ^{ef}	1992-02	-1.8*	2002-05	-4.0*	2005-14	-2.4*							-2.4*	-2.4*
Black	1992-01	-0.6*	2001-14	-3.0*									-3.0*	-3.0*
Black NH ^{ef}	1992-01	-0.5*	2001-14	-2.9*									-2.9*	-2.9*
API ^e	1992-14	-1.9*											-1.9*	-1.9*
AI/AN ^{eg}	1992-96	8.6	1996-14	-0.7									-0.7	-0.7
Hispanic ^f	1992-01	0.3	2001-14	-1.8*									-1.8*	-1.8*

Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute. (<https://surveillance.cancer.gov/joinpoint/>).
^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
^b Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).
^c Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
^d Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
^e The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
^f 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.
^f The Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.
^g Data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.
* The APC/AAPC is significantly different from zero (p<.05).
- Joinpoint regression line analysis could not be performed on data series.