

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,
1975-2014 With up to Five Joinpoints, 1992-2014 With up to Four 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	2005-14	2010-14
<u>SEER 9 Delay-Adjusted Incidence^a, 1975-2014</u>														
All Races	1975-85	0.3	1985-95	-1.9*	1995-98	1.8	1998-08	-2.0*	2008-12	-4.1*	2012-14	0.4	-2.4*	-1.9
White	1975-85	0.3	1985-95	-2.1*	1995-98	2.0	1998-08	-2.2*	2008-11	-4.7*	2011-14	-0.1	-2.3*	-1.3
Black	1975-05	-0.1	2005-14	-4.1*									-4.1*	-4.1*
<u>SEER 13 Delay-Adjusted Incidence^b, 1992-2014</u>														
All Races	1992-95	-1.8*	1995-98	1.8	1998-08	-1.9*	2008-12	-4.1*	2012-14	-0.1			-2.5*	-2.1*
White	1992-95	-1.7	1995-98	1.8	1998-08	-2.1*	2008-12	-4.1*	2012-14	1.1			-2.3*	-1.5
Black	1992-06	-0.3	2006-14	-4.3*									-3.8*	-4.3*
<u>SEER 9 Observed Incidence^a, 1975-2014</u>														
All Races	1975-85	0.3	1985-95	-1.9*	1995-98	1.8	1998-08	-2.0*	2008-11	-4.7*	2011-14	-1.3	-2.7*	-2.1*
White	1975-85	0.3	1985-95	-2.1*	1995-98	2.0	1998-08	-2.2*	2008-11	-4.8*	2011-14	-0.6	-2.5*	-1.6
Black	1975-05	-0.1	2005-14	-4.3*									-4.3*	-4.3*
<u>SEER 13 Observed Incidence^b, 1992-2014</u>														
All Races	1992-95	-1.8*	1995-98	1.8	1998-08	-2.0*	2008-12	-4.2*	2012-14	-0.6			-2.7*	-2.4*
White	1992-95	-1.7	1995-98	1.8	1998-08	-2.1*	2008-12	-4.2*	2012-14	0.5			-2.5*	-1.9
White NH ^{ef}	1992-95	-1.7	1995-98	1.9	1998-08	-2.2*	2008-11	-4.7	2011-14	-0.7			-2.5*	-1.7
Black	1992-06	-0.3	2006-14	-4.6*									-4.1*	-4.6*
Black NH ^{ef}	1992-06	-0.2	2006-14	-4.6*									-4.1*	-4.6*
API ^e	1992-09	-0.9*	2009-14	-5.3*									-3.4*	-5.3*
AI/AN ^{eg}	1992-14	-0.3											-0.3	-0.3
Hispanic ^f	1992-07	0.0	2007-14	-2.8*									-2.2*	-2.8*
<u>U.S. Cancer Mortality^c, 1975-2014</u>														
All Races	1975-84	-1.0*	1984-01	-1.8*	2001-14	-2.8*							-2.8*	-2.8*
White	1975-84	-1.2*	1984-01	-2.0*	2001-10	-2.9*	2010-14	-1.9*					-2.5*	-1.9*
Black	1975-85	0.7*	1985-01	-0.7*	2001-14	-3.4*							-3.4*	-3.4*
<u>U.S. Cancer Mortality^c, 1992-2014</u>														
All Races	1992-00	-1.7*	2000-14	-2.8*									-2.8*	-2.8*
White	1992-00	-1.8*	2000-14	-2.7*									-2.7*	-2.7*
White NH ^{ef}	1992-00	-1.8*	2000-14	-2.7*									-2.7*	-2.7*
Black	1992-01	-0.7*	2001-14	-3.4*									-3.4*	-3.4*
Black NH ^{ef}	1992-01	-0.6*	2001-14	-3.3*									-3.3*	-3.3*
API ^e	1992-12	-1.5*	2012-14	-8.3									-3.1*	-4.9*
AI/AN ^{eg}	1992-14	-0.3											-0.3	-0.3
Hispanic ^f	1992-02	0.4	2002-14	-2.3*									-2.3*	-2.3*

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.