

Table 6.4  
Cancer of the Colon (Invasive) and Cancer of the Rectum (Invasive)

Trends in SEER 9 Observed Incidence<sup>a</sup> Using the Joinpoint Regression Program,  
1975-2011 With up to Five Joinpoints,  
By Race and Sex

		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	2007-11
<u>SEER 9 Observed Incidence<sup>a</sup> for Cancer of the Colon, 1975-2011</u>														
All Races	Both Sexes	1975-85	1.1*	1985-95	-1.6*	1995-00	0.0	2000-08	-2.7*	2008-11	-5.0*			-4.4*
All Races	Male	1975-85	1.7*	1985-91	-1.2*	1991-95	-3.1*	1995-98	1.3	1998-04	-2.5*	2004-11	-3.8*	-3.8*
All Races	Female	1975-85	0.6*	1985-93	-1.8*	1993-01	-0.2	2001-09	-2.6*	2009-11	-6.7*			-4.7*
White	Both Sexes	1975-85	1.1*	1985-95	-1.9*	1995-98	1.4	1998-08	-2.5*	2008-11	-5.8*			-5.0*
White	Male	1975-85	1.7*	1985-91	-1.4*	1991-95	-3.1*	1995-98	1.6	1998-08	-3.0*	2008-11	-5.5*	-4.9*
White	Female	1975-85	0.5*	1985-95	-1.9*	1995-98	1.8	1998-08	-2.1*	2008-11	-6.0*			-5.1*
Black	Both Sexes	1975-80	3.6*	1980-03	-0.1	2003-11	-4.0*							-4.0*
Black	Male	1975-85	2.2*	1985-03	-0.2	2003-11	-4.1*							-4.1*
Black	Female	1975-04	-0.1	2004-11	-4.6*									-4.6*
<u>SEER 9 Observed Incidence<sup>a</sup> for Cancer of the Rectum, 1975-2011</u>														
All Races	Both Sexes	1975-87	-0.3	1987-95	-2.4*	1995-98	2.6	1998-11	-2.3*					-2.3*
All Races	Male	1975-89	-0.3	1989-94	-3.6*	1994-98	1.8	1998-11	-2.6*					-2.6*
All Races	Female	1975-84	-0.2	1984-95	-2.2*	1995-98	2.3	1998-11	-2.0*					-2.0*
White	Both Sexes	1975-85	-0.1	1985-95	-2.3*	1995-98	2.5	1998-11	-2.7*					-2.7*
White	Male	1975-89	-0.3	1989-94	-3.9*	1994-99	1.1	1999-11	-3.2*					-3.2*
White	Female	1975-84	-0.2	1984-95	-2.3*	1995-98	2.4	1998-11	-2.4*					-2.4*
Black	Both Sexes	1975-11	-0.2											-0.2
Black	Male	1975-08	0.0	2008-11	-7.0									-5.3
Black	Female	1975-11	-0.2											-0.2

Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute. (<http://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).  
Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).  
The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.  
\* The APC/AAPC is significantly different from zero (p<.05).  
- Joinpoint regression line analysis could not be performed on data series.