

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

Trends in SEER 9 Observed Incidence^a Using the Joinpoint Regression Program,
1975-2016 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 ^d
		Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2012-16
<u>SEER 9 Observed Incidence^a for Cancer of the Colon, 1975-2016</u>														
All Races	Both Sexes	1975-85	1.1*	1985-95	-1.6*	1995-00	0.0	2000-08	-2.7*	2008-11	-4.9*	2011-16	-1.5*	-1.5*
All Races	Male	1975-85	1.7*	1985-02	-1.4*	2002-12	-3.6*	2012-16	-1.8					-1.8
All Races	Female	1975-85	0.6*	1985-93	-1.8*	1993-01	-0.3	2001-08	-2.5*	2008-11	-4.9	2011-16	-1.2	-1.2
White	Both Sexes	1975-85	1.1*	1985-95	-1.9*	1995-98	1.4	1998-08	-2.5*	2008-11	-5.4*	2011-16	-1.3*	-1.3*
White	Male	1975-86	1.6*	1986-95	-2.2*	1995-98	1.0	1998-08	-3.0*	2008-11	-5.5*	2011-16	-1.6*	-1.6*
White	Female	1975-85	0.6	1985-93	-2.1*	1993-01	-0.2	2001-16	-2.8*					-2.8*
Black	Both Sexes	1975-80	3.5*	1980-02	0.0	2002-16	-3.1*							-3.1*
Black	Male	1975-01	0.5*	2001-16	-3.3*									-3.3*
Black	Female	1975-02	0.0	2002-16	-3.2*									-3.2*
<u>SEER 9 Observed Incidence^a for Cancer of the Rectum, 1975-2016</u>														
All Races	Both Sexes	1975-87	-0.3	1987-95	-2.4*	1995-98	2.6	1998-13	-2.3*	2013-16	1.0			0.2
All Races	Male	1975-89	-0.3	1989-94	-3.7*	1994-98	1.8	1998-12	-2.6*	2012-16	-0.1			-0.1
All Races	Female	1975-84	-0.2	1984-95	-2.2*	1995-98	2.5	1998-13	-2.2*	2013-16	1.2			0.3
White	Both Sexes	1975-85	-0.1	1985-95	-2.3*	1995-98	2.5	1998-13	-2.6*	2013-16	1.6			0.5
White	Male	1975-89	-0.3	1989-94	-3.9*	1994-99	1.1	1999-12	-3.1*	2012-16	0.4			0.4
White	Female	1975-84	-0.2	1984-95	-2.3*	1995-98	2.4	1998-13	-2.4*	2013-16	1.6			0.6
Black	Both Sexes	1975-09	-0.1	2009-14	-5.5*	2014-16	10.0							1.9
Black	Male	1975-04	0.1	2004-16	-1.8*									-1.8*
Black	Female	1975-09	-0.1	2009-14	-6.8*	2014-16	14.3							3.2

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).
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.

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