

New York State Department of Health, New York State Cancer Registry
Trends Using the Joinpoint Regression Program With up to Five Joinpoints, 1976-2020
Cancer Diagnosed in Regional/Distant Stage, New York State, Males and Females

		Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		Joinpoint Trend 5		Joinpoint Trend 6		AAPC	
Site of cancer	Race	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2011-2020	2016-2020
Colorectal	All Races	1976-1982	2.5*	1982-1992	-2.9*	1992-1999	1.4*	1999-2011	-3.1*	2011-2020	-0.5			-0.5	-0.5
Colorectal	White Individuals	1976-1983	2.0*	1983-1992	-3.1*	1992-2000	1.0*	2000-2009	-3.7*	2009-2020	-0.9*			-0.9*	-0.9*
Colorectal	Black Individuals	1976-1978	15.6	1978-1993	-2.2*	1993-1997	5.2	1997-2020	-1.9*					-1.9*	-1.9*
Lung and bronchus	All Races	1976-1985	2.3*	1985-2001	-0.1	2001-2005	4.9*	2005-2013	-0.8	2013-2020	-4.4*			-3.6*	-4.4*
Lung and bronchus	White Individuals	1976-1987	2.3*	1987-1993	-1.2	1993-2001	1.1*	2001-2006	3.7*	2006-2013	-1.1*	2013-2020	-4.4*	-3.7*	-4.4*
Lung and bronchus	Black Individuals	1976-1980	5.2	1980-2001	-0.7*	2001-2011	0.9	2011-2020	-4.4*					-4.4*	-4.4*

Joinpoint Regression Program Version 4.6.0.0, April 2018, National Cancer Institute (<https://surveillance.cancer.gov/joinpoint/>).

The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Standard Population.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

* indicates the APC/AAPC is significantly different from zero (p<0.05).

Cancer diagnoses in 2020 may have been affected by the coronavirus disease 19 (COVID-19) pandemic.

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Cancer Diagnosed in Regional/Distant Stage, New York State, Males**

		Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		Joinpoint Trend 5		Joinpoint Trend 6		AAPC	
Site of cancer	Race	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2011-2020	2016-2020
Colorectal	All Races	1976-1982	3.1*	1982-1993	-3.0*	1993-1998	2.0	1998-2011	-3.2*	2011-2020	-0.3			-0.3	-0.3
Colorectal	White Individuals	1976-1983	2.4*	1983-1993	-3.2*	1993-1999	1.4	1999-2010	-3.6*	2010-2020	-0.5			-0.5	-0.5
Colorectal	Black Individuals	1976-1979	12.4*	1979-1993	-2.0*	1993-1996	7.6	1996-2013	-2.2*	2013-2016	4.1	2016-2020	-4.5*	-1.2	-4.5*
Lung and bronchus	All Races	1976-1986	1.2*	1986-1993	-2.3*	1993-2001	-0.4	2001-2005	3.8*	2005-2015	-1.8*	2015-2020	-6.3*	-4.3*	-6.3*
Lung and bronchus	White Individuals	1976-1987	1.1*	1987-1993	-2.5*	1993-2001	0.0	2001-2005	3.9*	2005-2014	-1.6*	2014-2020	-5.8*	-4.4*	-5.8*
Lung and bronchus	Black Individuals	1976-1980	6.1*	1980-2001	-1.9*	2001-2011	0.0	2011-2020	-4.6*					-4.6*	-4.6*
Prostate	All Races	1976-1992	1.9*	1992-2001	-7.5*	2001-2009	3.6*	2009-2012	-3.4	2012-2018	4.5*	2018-2020	-3.4	1.8	0.4
Prostate	White Individuals	1976-1992	1.9*	1992-2001	-7.8*	2001-2009	4.6*	2009-2013	-2.9	2013-2018	5.8*	2018-2020	-4.3	1.5	0.6
Prostate	Black Individuals	1976-1994	0.3	1994-2003	-7.1*	2003-2020	1.0*							1.0*	1.0*

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Trends Using the Joinpoint Regression Program With up to Five Joinpoints, 1976-2020
Cancer Diagnosed in Regional/Distant Stage, New York State, Females

		Joinpoint Trend 1		Joinpoint Trend 2		Joinpoint Trend 3		Joinpoint Trend 4		Joinpoint Trend 5		Joinpoint Trend 6		AAPC	
Site of cancer	Race	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2011-2020	2016-2020
Colorectal	All Races	1976-1982	2.0*	1982-1992	-2.9*	1992-1999	1.8*	1999-2011	-3.1*	2011-2020	-0.9*			-0.9*	-0.9*
Colorectal	White Individuals	1976-1983	1.6*	1983-1992	-3.1*	1992-1999	1.8*	1999-2009	-3.3*	2009-2020	-1.3*			-1.3*	-1.3*
Colorectal	Black Individuals	1976-1993	-2.0*	1993-1998	4.3	1998-2020	-2.5*							-2.5*	-2.5*
Lung and bronchus	All Races	1976-1985	4.8*	1985-2001	1.5*	2001-2006	4.5*	2006-2013	-0.6	2013-2020	-3.8*			-3.1*	-3.8*
Lung and bronchus	White Individuals	1976-1985	5.1*	1985-2001	1.7*	2001-2006	4.9*	2006-2013	-0.6	2013-2020	-3.7*			-3.0*	-3.7*
Lung and bronchus	Black Individuals	1976-2011	1.6*	2011-2020	-4.3*									-4.3*	-4.3*
Female breast	All Races	1976-1985	1.0*	1985-1991	-3.6*	1991-2008	0.6*	2008-2020	-1.0*					-1.0*	-1.0*
Female breast	White Individuals	1976-1985	1.2*	1985-1991	-3.7*	1991-2008	0.6*	2008-2020	-1.5*					-1.5*	-1.5*
Female breast	Black Individuals	1976-1982	2.4	1982-1993	-1.6*	1993-1997	3.2	1997-2001	-4.0	2001-2004	8.2	2004-2020	0.0	0.0	0.0
Cervix uteri	All Races	1976-1996	-0.9*	1996-2002	-3.1*	2002-2007	3.7	2007-2020	-1.4*					-1.4*	-1.4*
Cervix uteri	White Individuals	1976-1993	-0.9*	1993-1996	3.7	1996-2002	-5.2*	2002-2008	4.3*	2008-2020	-1.8*			-1.8*	-1.8*
Cervix uteri	Black Individuals	1976-1999	-3.3*	1999-2007	1.5	2007-2020	-2.5*							-2.5*	-2.5*

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