

Table 28.7

Trends in U.S. Mortality^a Using the Joinpoint Regression Program,
1975-2017 With up to Five Joinpoints By Primary Cancer Site and Age at Death
All Races, Both Sexes

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^b 2013-17
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	
<u>Ages 0-14</u>													
All Sites	1975-96	-2.9*	1996-17	-1.3*									-1.3*
Bone & Joint	1975-89	-3.6*	1989-17	-0.2									-0.2
Brain & Other nervous system	1975-99	-1.2*	1999-17	-0.2									-0.2
Hodgkin lymphoma	-	-											-
Kidney & Renal pelvis	1975-17	-2.6*											-2.6*
Leukemia	1975-90	-4.4*	1990-17	-2.8*									-2.8*
Acute lymphocytic leukemia	1975-93	-5.2*	1993-17	-3.1*									-3.1*
Non-Hodgkin lymphoma	1975-17	-4.8*											-4.8*
Soft tissue	1975-79	10.4	1979-00	-2.2*	2000-17	1.3*							1.3*
<u>Ages 0-19</u>													
All Sites	1975-96	-2.7*	1996-17	-1.4*									-1.4*
Bone & Joint	1975-89	-3.2*	1989-17	-0.1									-0.1
Brain & Other nervous system	1975-07	-1.1*	2007-17	0.4									0.4
Hodgkin lymphoma	1975-17	-5.2*											-5.2*
Kidney & Renal pelvis	1975-17	-2.4*											-2.4*
Leukemia	1975-88	-3.9*	1988-17	-2.8*									-2.8*
Acute lymphocytic leukemia	1975-93	-4.5*	1993-17	-3.0*									-3.0*
Non-Hodgkin lymphoma	1975-17	-4.1*											-4.1*
Soft tissue	1975-79	9.9*	1979-01	-1.3*	2001-17	0.6							0.6

Joinpoint Regression Program Version 4.8, April 2020, 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 US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2017.

* 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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^b

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Table 28.7 - continued

Trends in U.S. Mortality^a Using the Joinpoint Regression Program,
1975-2017 With up to Five Joinpoints By Primary Cancer Site and Age at Death
White, Both Sexes

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^b 2013-17
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	
<u>Ages 0-14</u>													
All Sites	1975-96	-3.0*	1996-17	-1.2*									-1.2*
Bone & Joint	1975-91	-3.0*	1991-17	-0.1									-0.1
Brain & Other nervous system	1975-17	-0.8*											-0.8*
Hodgkin lymphoma	-	-											-
Kidney & Renal pelvis	1975-17	-2.7*											-2.7*
Leukemia	1975-90	-4.5*	1990-17	-2.8*									-2.8*
Acute lymphocytic leukemia	1975-90	-5.6*	1990-17	-3.1*									-3.1*
Non-Hodgkin lymphoma	1975-17	-4.9*											-4.9*
Soft tissue	1975-79	13.0*	1979-95	-2.9*	1995-17	0.9*							0.9*
<u>Ages 0-19</u>													
All Sites	1975-96	-2.7*	1996-17	-1.3*									-1.3*
Bone & Joint	1975-89	-2.8*	1989-17	-0.1									-0.1
Brain & Other nervous system	1975-17	-0.8*											-0.8*
Hodgkin lymphoma	1975-17	-5.2*											-5.2*
Kidney & Renal pelvis	1975-17	-2.5*											-2.5*
Leukemia	1975-88	-4.1*	1988-17	-2.7*									-2.7*
Acute lymphocytic leukemia	1975-82	-3.3*	1982-88	-6.4*	1988-17	-2.9*							-2.9*
Non-Hodgkin lymphoma	1975-17	-4.3*											-4.3*
Soft tissue	1975-79	11.7*	1979-96	-1.7*	1996-17	0.4							0.4

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^a Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2017.

* The APC/AAPC is significantly different from zero (p<.05).

- Joinpoint regression line analysis could not be performed on data series.

Table 28.7 - continued

Trends in U.S. Mortality^a Using the Joinpoint Regression Program,
1975-2017 With up to Five Joinpoints By Primary Cancer Site and Age at Death
Black, Both Sexes

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^b 2013-17
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	
<u>Ages 0-14</u>													
All Sites	1975-97	-2.6*	1997-17	-1.2*									-1.2*
Bone & Joint	1975-81	-10.1*	1981-17	-0.7									-0.7
Brain & Other nervous system	1975-09	-1.2*	2009-17	2.7									2.7
Hodgkin lymphoma	-	-											-
Kidney & Renal pelvis	1975-17	-2.5*											-2.5*
Leukemia	1975-17	-3.1*											-3.1*
Acute lymphocytic leukemia	1975-85	-1.1	1985-93	-8.9*	1993-17	-3.0*							-3.0*
Non-Hodgkin lymphoma	1975-91	-6.7*	1991-17	-1.7									-1.7
Soft tissue	1975-17	-0.8*											-0.8*
<u>Ages 0-19</u>													
All Sites	1975-10	-2.1*	2010-17	-0.1									-0.1
Bone & Joint	1975-84	-6.7*	1984-17	-0.3									-0.3
Brain & Other nervous system	1975-08	-1.2*	2008-17	2.0									2.0
Hodgkin lymphoma	-	-											-
Kidney & Renal pelvis	1975-17	-2.1*											-2.1*
Leukemia	1975-17	-2.9*											-2.9*
Acute lymphocytic leukemia	1975-17	-3.9*											-3.9*
Non-Hodgkin lymphoma	1975-17	-3.2*											-3.2*
Soft tissue	1975-17	-0.7*											-0.7*

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^a Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

^b The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint over the time range of 1975-2017.

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