

Table 28.7

Trends in U.S. Mortality^a Using the Joinpoint Regression Program,
1975-2016 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
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2012-16
<u>Ages 0-14</u>													
All Sites	1975-96	-2.9*	1996-16	-1.3*									-1.3*
Bone & Joint	1975-89	-3.7*	1989-16	-0.2									-0.2
Brain & Other nervous system	1975-99	-1.2*	1999-16	-0.2									-0.2
Hodgkin lymphoma	-	-											-
Kidney & Renal pelvis	1975-16	-2.7*											-2.7*
Leukemia	1975-90	-4.4*	1990-16	-2.8*									-2.8*
Acute lymphocytic leukemia	1975-93	-5.3*	1993-16	-3.1*									-3.1*
Non-Hodgkin lymphoma	1975-16	-4.9*											-4.9*
Soft tissue	1975-79	10.4	1979-00	-2.2*	2000-16	1.3*							1.3*
<u>Ages 0-19</u>													
All Sites	1975-98	-2.7*	1998-03	0.0	2003-09	-2.8*	2009-16	-0.4					-0.4
Bone & Joint	1975-89	-3.2*	1989-16	-0.1									-0.1
Brain & Other nervous system	1975-08	-1.0*	2008-16	0.9									0.9
Hodgkin lymphoma	1975-02	-4.5*	2002-16	-8.5*									-8.5*
Kidney & Renal pelvis	1975-16	-2.4*											-2.4*
Leukemia	1975-89	-3.9*	1989-92	-0.8	1992-98	-4.9*	1998-01	0.7	2001-16	-3.0*			-3.0*
Acute lymphocytic leukemia	1975-82	-3.0*	1982-88	-6.4*	1988-16	-3.1*							-3.1*
Non-Hodgkin lymphoma	1975-16	-4.1*											-4.1*
Soft tissue	1975-79	9.9*	1979-01	-1.3*	2001-16	0.6							0.6

Joinpoint Regression Program Version 4.7, February 2019, 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 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 1975-2016.
⁻ 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,
1975-2016 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
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2012-16
<u>Ages 0-14</u>													
All Sites	1975-96	-3.0*	1996-16	-1.2*									-1.2*
Bone & Joint	1975-91	-3.0*	1991-16	0.0									0.0
Brain & Other nervous system	1975-99	-1.1*	1999-16	-0.2									-0.2
Hodgkin lymphoma	-	-											-
Kidney & Renal pelvis	1975-16	-2.6*											-2.6*
Leukemia	1975-90	-4.5*	1990-16	-2.8*									-2.8*
Acute lymphocytic leukemia	1975-90	-5.6*	1990-16	-3.1*									-3.1*
Non-Hodgkin lymphoma	1975-16	-5.0*											-5.0*
Soft tissue	1975-79	12.9*	1979-95	-2.9*	1995-16	0.8*							0.8*
<u>Ages 0-19</u>													
All Sites	1975-96	-2.7*	1996-16	-1.3*									-1.3*
Bone & Joint	1975-90	-2.7*	1990-16	0.0									0.0
Brain & Other nervous system	1975-00	-1.1*	2000-16	-0.2									-0.2
Hodgkin lymphoma	1975-16	-5.1*											-5.1*
Kidney & Renal pelvis	1975-16	-2.5*											-2.5*
Leukemia	1975-88	-4.1*	1988-16	-2.7*									-2.7*
Acute lymphocytic leukemia	1975-82	-3.2*	1982-86	-7.1*	1986-99	-3.7*	1999-03	1.0	2003-14	-4.7*	2014-16	8.2	1.5
Non-Hodgkin lymphoma	1975-16	-4.3*											-4.3*
Soft tissue	1975-79	11.6*	1979-96	-1.6*	1996-16	0.3							0.3

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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 1975-2016.

* 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,
1975-2016 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
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2012-16
<u>Ages 0-14</u>													
All Sites	1975-97	-2.6*	1997-16	-1.2*									-1.2*
Bone & Joint	1975-81	-10.4*	1981-16	-0.6									-0.6
Brain & Other nervous system	1975-16	-0.9*											-0.9*
Hodgkin lymphoma	-	-											-
Kidney & Renal pelvis	1975-16	-2.6*											-2.6*
Leukemia	1975-16	-3.1*											-3.1*
Acute lymphocytic leukemia	1975-84	-1.1	1984-99	-6.8*	1999-16	-1.8							-1.8
Non-Hodgkin lymphoma	1975-16	-4.0*											-4.0*
Soft tissue	1975-16	-0.8*											-0.8*
<u>Ages 0-19</u>													
All Sites	1975-11	-2.1*	2011-16	0.8									0.8
Bone & Joint	1975-84	-6.7*	1984-16	-0.3									-0.3
Brain & Other nervous system	1975-16	-0.9*											-0.9*
Hodgkin lymphoma	-	-											-
Kidney & Renal pelvis	1975-16	-2.2*											-2.2*
Leukemia	1975-16	-2.8*											-2.8*
Acute lymphocytic leukemia	1975-16	-3.9*											-3.9*
Non-Hodgkin lymphoma	1975-16	-3.3*											-3.3*
Soft tissue	1975-16	-0.7*											-0.7*

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