

Table 13.3
LeukemiaTrends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program,
1975-2016 With up to Five Joinpoints, 2000-2016 With up to Three Joinpoints,
Females by Race/Ethnicity

	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	2007-16	2012-16
<u>SEER 9 Delay-Adjusted Incidence^a, 1975-2016</u>														
All Races	1975-98	0.2	1998-16	0.8*									0.8*	0.8*
White	1975-16	0.6*											0.6*	0.6*
Black	1975-16	0.3*											0.3*	0.3*
<u>SEER 21 Delay-Adjusted Incidence^b, 2000-2016</u>														
All Races	2000-05	-0.2	2005-14	1.6*	2014-16	-2.9							0.6	-0.7
White	2000-16	1.0*											1.0*	1.0*
White NH ^{ef}	2000-16	1.1*											1.1*	1.1*
Black	2000-06	-1.7*	2006-16	2.2*									2.2*	2.2*
Black NH ^{ef}	2000-06	-1.8*	2006-16	2.3*									2.3*	2.3*
API ^e	2000-16	0.8*											0.8*	0.8*
AI/AN ^{eg}	2000-16	0.8											0.8	0.8
Hispanic ^f	2000-16	0.8*											0.8*	0.8*
<u>U.S. Cancer Mortality^c, 1975-2016</u>														
All Races	1975-80	0.7	1980-00	-0.4*	2000-16	-1.3*							-1.3*	-1.3*
White	1975-00	-0.3*	2000-16	-1.2*									-1.2*	-1.2*
Black	1975-93	0.4*	1993-16	-1.3*									-1.3*	-1.3*
<u>U.S. Cancer Mortality^c, 2000-2016</u>														
All Races	2000-16	-1.3*											-1.3*	-1.3*
White	2000-16	-1.2*											-1.2*	-1.2*
White NH ^{ef}	2000-16	-1.2*											-1.2*	-1.2*
Black	2000-16	-1.5*											-1.5*	-1.5*
Black NH ^{ef}	2000-16	-1.4*											-1.4*	-1.4*
API ^e	2000-11	0.8	2011-16	-4.7*									-2.3*	-4.7*
AI/AN ^{eg}	2000-16	-2.8*											-2.8*	-2.8*
Hispanic ^f	2000-16	-0.7*											-0.7*	-0.7*

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).

^a Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).^b Trends are from the SEER 21 areas (SEER 9 areas, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, Georgia excluding ATL/RG, Idaho, New York and Massachusetts).^c Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.^d The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.^e API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic^f Hispanic and Non-Hispanic are not mutually exclusive from whites, blacks, Asian/Pacific Islanders, and American Indians/Alaska Natives. Incidence data for Hispanics and Non-Hispanics are based on NHIA and exclude cases from the Alaska Native Registry.^g Data for American Indian/Alaska Native are based on the Purchased/Referred Care Delivery Area (PRCDA) counties.

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

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