

Table 13.23
Leukemia

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2010-2014			Trend 2005-2014 ^c			Trend 2005-2014 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	13.7	17.6	10.7	0.3*	0.1	0.3*	0.3*	0.2*	0.3*
White	14.5	18.5	11.3	0.4*	0.2*	0.5*	0.4*	0.2*	0.5*
White Hispanic ^e	11.0	13.3	9.2	0.5*	0.2	0.7*	-	-	-
White Non-Hispanic ^e	14.9	19.1	11.5	0.5*	0.3*	0.5*	-	-	-
Black	10.9	14.0	8.8	0.2	0.2	0.2	0.0	0.0	0.1
Asian/Pacific Islander	7.8	9.7	6.3	-0.1	-0.1	-0.1	-	-	-
Amer Ind/Alaska Nat ^f	8.1	9.8	6.8	1.7	2.4*	1.3	-	-	-
Hispanic ^e	10.6	12.9	8.8	0.5*	0.2	0.7*	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2010-2014			Trend 2005-2014 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	6.8	9.1	5.1	-1.0*	-1.0*	-1.2*			
White	7.1	9.5	5.3	-0.9*	-0.7*	-1.1*			
White Hispanic ^e	5.2	6.5	4.2	-0.3*	-0.3*	-0.4*			
White Non-Hispanic ^e	7.2	9.6	5.3	-0.9*	-0.7*	-1.1*			
Black	5.7	7.5	4.6	-1.3*	-1.3*	-1.2*			
Asian/Pacific Islander	3.9	5.0	3.0	-0.9	-0.7*	-0.8*			
Amer Ind/Alaska Nat									
Total U.S.	3.4	4.5	2.6	-1.4*	-1.4	-1.8*			
CHSDA Counties	4.4	5.8	3.4	-0.5	-0.2	-1.0			
Non-CHSDA Counties	2.3	3.0	1.7	-2.6*	-2.6	-2.7*			
Hispanic ^e	4.9	6.1	4.0	-0.4*	-0.4*	-0.5*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

^a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

^c The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2014.

^d The 2005-2014 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2014.

^e 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. The 2005-2014 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

^f Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

^g US Mortality Files, National Center for Health Statistics, CDC.

^h The 2005-2014 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2014.

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