

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 2008-2012			Trend 2003-2012 ^c			Trend 2003-2012 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	13.3	17.0	10.4	0.2*	0.1	0.3*	0.2*	0.1*	0.3*
White	14.0	17.9	10.9	0.3*	0.1	0.4*	0.3*	0.2*	0.4*
White Hispanic ^e	10.9	13.1	9.2	0.4	0.2	0.5	-	-	-
White Non-Hispanic ^e	14.2	18.3	11.0	0.4*	0.2	0.4*	-	-	-
Black	10.6	13.5	8.5	0.2	0.2	0.1	0.0	0.0	0.0
Asian/Pacific Islander	7.8	9.8	6.3	-0.2	-0.1	-0.1	-	-	-
Amer Ind/Alaska Nat ^f	8.4	10.1	7.2	1.6	2.2	1.5	-	-	-
Hispanic ^e	10.5	12.6	8.9	0.4	0.2	0.5	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2008-2012			Trend 2003-2012 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	7.0	9.4	5.2	-1.0*	-0.8*	-1.2*			
White	7.2	9.7	5.4	-0.9*	-0.7*	-1.1*			
White Hispanic ^e	5.2	6.5	4.2	-0.4*	-0.4	-0.4*			
White Non-Hispanic ^e	7.3	9.9	5.4	-0.8*	-0.7*	-1.1*			
Black	6.0	7.9	4.7	-1.2*	-1.3*	-1.1*			
Asian/Pacific Islander	4.0	5.1	3.2	0.6	-0.5	-0.5			
Amer Ind/Alaska Nat									
Total U.S.	3.6	5.0	2.6	-1.3*	-1.0	-1.8*			
CHSDA Counties	4.6	6.7	3.2	-0.2	0.5	-1.1			
Non-CHSDA Counties	2.4	3.0	2.0	-2.7*	-3.1*	-2.4			
Hispanic ^e	4.9	6.1	4.0	-0.7*	-0.5*	-0.5*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, 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 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2012.

d The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2012.

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 2003-2012 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 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

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