

Table 13.3
LeukemiaTrends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program,
1975-2012 With up to Five Joinpoints, 1992-2012 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	2003-12	2008-12
<u>SEER 9 Delay-Adjusted Incidence^a, 1975-2012</u>														
All Races	1975-09	0.3*	2009-12	4.9*									1.9*	3.8*
White	1975-09	0.5*	2009-12	5.0*									2.0*	3.9*
Black	1975-12	0.3											0.3	0.3
<u>SEER 13 Delay-Adjusted Incidence^b, 1992-2012</u>														
All Races	1992-12	0.7*											0.7*	0.7*
White	1992-12	0.9*											0.9*	0.9*
Black	1992-12	0.7*											0.7*	0.7*
<u>SEER 9 Observed Incidence^a, 1975-2012</u>														
All Races	1975-12	0.3*											0.3*	0.3*
White	1975-12	0.4*											0.4*	0.4*
Black	1975-12	0.0											0.0	0.0
<u>SEER 13 Observed Incidence^b, 1992-2012</u>														
All Races	1992-12	0.3*											0.3*	0.3*
White	1992-12	0.4*											0.4*	0.4*
White NH ^{ef}	1992-12	0.4*											0.4*	0.4*
Black	1992-12	0.1											0.1	0.1
Black NH ^{ef}	1992-12	0.2											0.2	0.2
API ^e	1992-12	-0.1											-0.1	-0.1
AI/AN ^{eg}	1992-12	1.5											1.5	1.5
Hispanic ^f	1992-12	0.5											0.5	0.5
<u>U.S. Cancer Mortality^c, 1975-2012</u>														
All Races	1975-80	0.7	1980-99	-0.4*	1999-12	-1.2*							-1.2*	-1.2*
White	1975-80	0.6	1980-00	-0.4*	2000-12	-1.1*							-1.1*	-1.1*
Black	1975-93	0.4	1993-12	-1.2*									-1.2*	-1.2*
<u>U.S. Cancer Mortality^c, 1992-2012</u>														
All Races	1992-00	-0.5*	2000-12	-1.2*									-1.2*	-1.2*
White	1992-00	-0.4*	2000-12	-1.1*									-1.1*	-1.1*
White NH ^{ef}	1992-00	-0.2	2000-12	-1.1*									-1.1*	-1.1*
Black	1992-12	-1.1*											-1.1*	-1.1*
Black NH ^{ef}	1992-12	-1.1*											-1.1*	-1.1*
API ^e	1992-12	-0.5											-0.5	-0.5
AI/AN ^{eg}	1992-12	-1.1											-1.1	-1.1
Hispanic ^f	1992-12	-0.5*											-0.5*	-0.5*

Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. (<http://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 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).^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.

The Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

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

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