

Table 19.19
Non-Hodgkin Lymphoma

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 2009-2013			Trend 2004-2013 ^c			Trend 2004-2013 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	19.5	23.7	16.1	-0.6	-0.6	-0.9*	-0.6	-0.6	-0.9*
White	20.4	24.8	16.9	-0.7	-0.5	-0.9*	-0.6*	-0.5	-1.0*
White Hispanic ^e	18.3	21.5	15.8	-0.6	0.2	0.7*	-	-	-
White Non-Hispanic ^e	20.9	25.4	17.1	-0.6*	-0.5	-1.0*	-	-	-
Black	14.6	17.6	12.2	-1.0*	-0.3	0.4	0.2	-0.5	-0.6
Asian/Pacific Islander	13.5	16.5	11.1	0.2	0.3	0.2	-	-	-
Amer Ind/Alaska Nat ^f	12.9	14.6	11.6	1.7*	0.8	2.4*	-	-	-
Hispanic ^e	17.7	20.7	15.3	-0.6	0.1	0.7*	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2009-2013			Trend 2004-2013 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	6.0	7.7	4.7	-2.4*	-2.2*	-2.8*			
White	6.3	8.1	4.9	-2.4*	-2.1*	-2.8*			
White Hispanic ^e	5.4	6.7	4.4	-1.1*	-0.7	-1.9*			
White Non-Hispanic ^e	6.3	8.1	4.9	-2.5*	-2.5*	-2.9*			
Black	4.4	5.7	3.5	-2.3*	-2.4*	-2.4*			
Asian/Pacific Islander	4.0	4.9	3.3	-1.9*	-2.1*	-1.7*			
Amer Ind/Alaska Nat									
Total U.S.	3.2	4.1	2.5	-3.4*	-1.5	-5.2*			
CHSDA Counties	4.5	5.7	3.5	-0.6	-0.4	-4.5*			
Non-CHSDA Counties	1.7	2.2	1.3	2.2	4.4	-4.7*			
Hispanic ^e	5.1	6.3	4.2	-1.3*	-0.9	-2.1*			

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 2004-2013 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2013.

d The 2004-2013 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2013.

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 2004-2013 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 2004-2013 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2013.

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