

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 2007-2011			Trend 2002-2011 ^c			Trend 2002-2011 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	19.7	23.9	16.3	0.3*	0.2	-0.3	0.5*	0.3*	-0.4
White	20.6	24.9	17.2	-0.3	-0.1	-0.3	-0.3	0.4*	-0.5
White Hispanic ^e	18.4	21.4	16.0	0.5*	0.3	0.9*	-	-	-
White Non-Hispanic ^e	21.1	25.5	17.4	-0.4	-0.2	-0.4	-	-	-
Black	14.3	17.4	11.9	0.5*	-0.2	0.3	0.3	-0.4	-0.5
Asian/Pacific Islander	13.4	16.3	11.2	0.3	0.2	0.4	-	-	-
Amer Ind/Alaska Nat ^f	12.2	14.1	10.6	2.4*	-	-	-	-	-
Hispanic ^e	17.7	20.6	15.4	0.5*	0.3	0.9*	-	-	-
<u>U.S. Mortality^g</u>									
RACE/ETHNICITY	Rate 2007-2011			Trend 2002-2011 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	6.3	8.1	5.0	-2.6*	-2.3*	-3.1*			
White	6.6	8.4	5.2	-2.6*	-2.6*	-3.0*			
White Hispanic ^e	5.6	6.8	4.6	-1.2*	-1.7*	-1.9*			
White Non-Hispanic ^e	6.6	8.5	5.2	-2.6*	-2.6*	-3.2*			
Black	4.5	5.8	3.5	-2.5*	-2.4*	-2.5*			
Asian/Pacific Islander	4.1	5.2	3.4	-2.0*	-2.2*	-1.6*			
Amer Ind/Alaska Nat									
Total U.S.	3.4	3.9	2.8	-3.8*	-3.3*	-5.5*			
CHSDA Counties	4.6	5.3	3.9	-0.4	-0.6	-0.3			
Non-CHSDA Counties	1.9	2.4	1.5	-7.7*	-	-			
Hispanic ^e	5.3	6.4	4.4	-1.4*	-2.3*	-2.1*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, 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 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.

d The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.

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 2002-2011 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 2002-2011 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2011.

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