

Table 12.15
Cancer of the Larynx (Invasive)

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 (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	3.1	5.4	1.1	-2.7*	-2.7*	-3.1*	-2.4*	-2.5*	-2.6*
White	3.1	5.4	1.2	-2.4*	-2.4*	-2.9*	-2.3*	-2.4*	-2.4*
White Hispanic ^e	2.1	4.2	0.5	-1.9*	-1.9*	-3.3*	-	-	-
White Non-Hispanic ^e	3.3	5.7	1.3	-2.3*	-2.4*	-2.6*	-	-	-
Black	4.5	8.5	1.6	-3.4*	-3.4*	-3.3*	-3.0*	-2.9*	-3.1*
Asian/Pacific Islander	1.1	2.1	0.3	-3.3*	-3.1*	-3.0*	-	-	-
Amer Ind/Alaska Nat ^f	1.8	3.2	-	-0.2	0.2	-	-	-	-
Hispanic ^e	2.0	4.0	0.5	-1.9*	-1.8*	-3.0*	-	-	-
U.S. Mortality ^g									
	Rate 2010-2014			Trend 2005-2014 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
RACE/ETHNICITY									
All Races	1.0	1.9	0.4	-2.2*	-2.5*	-2.2*			
White	1.0	1.8	0.4	-1.9*	-2.2*	-1.9*			
White Hispanic ^e	0.8	1.6	0.2	-2.6*	-2.8*	-2.5*			
White Non-Hispanic ^e	1.0	1.8	0.4	-1.8*	-2.1*	-1.7*			
Black	1.7	3.4	0.6	-3.4*	-3.4*	-3.2*			
Asian/Pacific Islander	0.4	0.7	0.1	-2.2*	-1.7*	-4.3*			
Amer Ind/Alaska Nat									
Total U.S.	0.7	1.3	0.2	-2.7*	-2.1	-			
CHSDA Counties	0.9	1.7	-	-2.4	-1.4	-			
Non-CHSDA Counties	0.5	0.9	-	-	-	-			
Hispanic ^e	0.8	1.6	0.2	-2.6*	-2.8*	-2.6*			

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).