

Table 12.3
Cancer of the Larynx (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program,
1975-2014 With up to Five Joinpoints, 1992-2014 With up to Four 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	2005-14	2010-14
<u>SEER 9 Delay-Adjusted Incidence^a, 1975-2014</u>														
All Races	1975-89	1.8*	1989-14	-2.6*									-2.6*	-2.6*
White	1975-89	1.6*	1989-14	-2.3*									-2.3*	-2.3*
Black	1975-89	4.1*	1989-14	-3.0*									-3.0*	-3.0*
<u>SEER 13 Delay-Adjusted Incidence^b, 1992-2014</u>														
All Races	1992-14	-3.1*											-3.1*	-3.1*
White	1992-14	-2.8*											-2.8*	-2.8*
Black	1992-14	-3.3*											-3.3*	-3.3*
<u>SEER 9 Observed Incidence^a, 1975-2014</u>														
All Races	1975-89	1.8*	1989-14	-2.6*									-2.6*	-2.6*
White	1975-89	1.6*	1989-14	-2.4*									-2.4*	-2.4*
Black	1975-89	4.1*	1989-14	-3.1*									-3.1*	-3.1*
<u>SEER 13 Observed Incidence^b, 1992-2014</u>														
All Races	1992-14	-3.1*											-3.1*	-3.1*
White	1992-14	-2.9*											-2.9*	-2.9*
White NH ^{ef}	1992-14	-2.6*											-2.6*	-2.6*
Black	1992-14	-3.3*											-3.3*	-3.3*
Black NH ^{ef}	1992-14	-3.3*											-3.3*	-3.3*
API ^e	1992-14	-3.0*											-3.0*	-3.0*
AI/AN ^{eg}	-	-											-	-
Hispanic ^f	1992-14	-3.0*											-3.0*	-3.0*
<u>U.S. Cancer Mortality^c, 1975-2014</u>														
All Races	1975-93	1.5*	1993-14	-2.3*									-2.3*	-2.3*
White	1975-92	1.5*	1992-14	-1.8*									-1.8*	-1.8*
Black	1975-93	2.3*	1993-14	-3.3*									-3.3*	-3.3*
<u>U.S. Cancer Mortality^c, 1992-2014</u>														
All Races	1992-14	-2.2*											-2.2*	-2.2*
White	1992-14	-1.9*											-1.9*	-1.9*
White NH ^{ef}	1992-14	-1.7*											-1.7*	-1.7*
Black	1992-14	-3.2*											-3.2*	-3.2*
Black NH ^{ef}	1992-14	-3.2*											-3.2*	-3.2*
API ^e	1992-14	-4.3*											-4.3*	-4.3*
AI/AN ^{eg}	-	-											-	-
Hispanic ^f	1992-14	-2.6*											-2.6*	-2.6*

Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute. (<https://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.