

Table 20.19
Cancer of the Oral Cavity and Pharynx (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b Rate 2009-2013			SEER 13 Areas ^b Trend 2004-2013 ^c			SEER 9 Areas ^b Trend 2004-2013 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	11.1	16.7	6.2	0.5*	0.6*	-0.7*	0.6*	0.4	0.2
White	11.6	17.4	6.4	0.9*	0.8*	0.5	1.0*	0.8*	0.5
White Hispanic ^e	6.9	10.4	4.0	0.9	-0.6	-0.3	-	-	-
White Non-Hispanic ^e	12.5	18.8	6.9	1.1*	1.0*	0.6	-	-	-
Black	9.2	14.4	5.2	-2.5*	-2.8*	-1.7*	-2.5*	-3.0*	-1.5*
Asian/Pacific Islander	7.7	11.1	4.9	-0.9*	-0.8*	-0.8*	-	-	-
Amer Ind/Alaska Nat ^f	9.1	13.2	5.7	-1.0	-2.0	0.7	-	-	-
Hispanic ^e	6.7	10.0	4.0	0.2	-0.6	-0.4	-	-	-
U.S. Mortality^g									
	Rate 2009-2013 Rate per 100,000 persons			Trend 2004-2013 ^h AAPC (%)					
RACE/ETHNICITY									
All Races	2.4	3.8	1.3	-0.5	-0.3	-1.2*			
White	2.4	3.7	1.3	-0.1	0.2	-1.1*			
White Hispanic ^e	1.6	2.5	0.8	-0.5	-1.0*	-0.8*			
White Non-Hispanic ^e	2.5	3.8	1.4	0.1	0.4	-1.0*			
Black	2.9	5.0	1.3	-2.4*	-3.7*	-3.3*			
Asian/Pacific Islander	1.9	2.9	1.2	-2.1*	-2.2*	-1.6*			
Amer Ind/Alaska Nat									
Total U.S.	1.5	2.3	0.9	-2.4*	-2.7*	-2.0			
CHSDA Counties	2.1	3.3	1.1	-2.0*	-2.1*	-1.7			
Non-CHSDA Counties	0.9	1.1	0.7	-2.6	-	-			
Hispanic ^e	1.5	2.4	0.8	-0.8	-1.4*	-0.9*			

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.

a Trend based on less than 10 cases for at least one year within the time interval.

b 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).

c The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

d The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

e The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

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

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

h 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.

i Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

j US Mortality Files, National Center for Health Statistics, CDC.

k 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).