

Table 20.4
Cancer of the Oral Cavity and Pharynx (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	1975-80	2.6*	1980-04	-0.9*	2004-14	0.2							0.2	0.2
White	1975-81	2.1*	1981-04	-0.9*	2004-14	0.5							0.5	0.5
Black	1975-14	-1.5*											-1.5*	-1.5*
<u>SEER 13 Delay-Adjusted Incidence^b, 1992-2014</u>														
All Races	1992-14	-0.6*											-0.6*	-0.6*
White	1992-04	-1.3*	2004-14	0.5									0.5	0.5
Black	1992-14	-1.7*											-1.7*	-1.7*
<u>SEER 9 Observed Incidence^a, 1975-2014</u>														
All Races	1975-79	2.9	1979-14	-0.7*									-0.7*	-0.7*
White	1975-81	2.1*	1981-04	-0.9*	2004-14	0.3							0.3	0.3
Black	1975-14	-1.6*											-1.6*	-1.6*
<u>SEER 13 Observed Incidence^b, 1992-2014</u>														
All Races	1992-14	-0.7*											-0.7*	-0.7*
White	1992-04	-1.3*	2004-14	0.3									0.3	0.3
White NH ^{ef}	1992-14	-0.4*											-0.4*	-0.4*
Black	1992-14	-1.8*											-1.8*	-1.8*
Black NH ^{ef}	1992-14	-1.7*											-1.7*	-1.7*
API ^e	1992-14	-0.8*											-0.8*	-0.8*
AI/AN ^{eg}	1992-14	0.2											0.2	0.2
Hispanic ^f	1992-14	-0.3											-0.3	-0.3
<u>U.S. Cancer Mortality^c, 1975-2014</u>														
All Races	1975-90	-0.9*	1990-04	-2.4*	2004-14	-1.2*							-1.2*	-1.2*
White	1975-90	-1.0*	1990-03	-2.3*	2003-14	-1.1*							-1.1*	-1.1*
Black	1975-94	-0.6*	1994-05	-4.5*	2005-14	-1.6							-1.6	-1.6
<u>U.S. Cancer Mortality^c, 1992-2014</u>														
All Races	1992-04	-2.4*	2004-14	-1.2*									-1.2*	-1.2*
White	1992-03	-2.3*	2003-14	-1.1*									-1.1*	-1.1*
White NH ^{ef}	1992-03	-2.2*	2003-14	-1.0*									-1.0*	-1.0*
Black	1992-14	-3.2*											-3.2*	-3.2*
Black NH ^{ef}	1992-14	-3.2*											-3.2*	-3.2*
API ^e	1992-14	-1.9*											-1.9*	-1.9*
AI/AN ^{eg}	1992-14	-2.0											-2.0	-2.0
Hispanic ^f	1992-14	-0.9*											-0.9*	-0.9*

Joinpoint Regression Program Version 4.4, January 2017, National Cancer Institute. (<https://surveillance.cancer.gov/joinpoint/>).
^a The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).
^b Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).
^c Trends are from the SEER 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
^d Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.
^e The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.
^f API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic
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.