

Table 20.1
Cancer of the Oral Cavity and Pharynx (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program,
1975-2016 With up to Five Joinpoints, 2000-2016 With up to Three Joinpoints,
Both Sexes 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	2007-16	2012-16
<u>SEER 9 Delay-Adjusted Incidence^a, 1975-2016</u>														
All Races	1975-81	0.7	1981-03	-1.2*	2003-16	0.9*							0.9*	0.9*
White	1975-03	-0.9*	2003-16	1.2*									1.2*	1.2*
Black	1975-84	2.2*	1984-16	-2.3*									-2.3*	-2.3*
<u>SEER 21 Delay-Adjusted Incidence^b, 2000-2016</u>														
All Races	2000-05	-0.2	2005-16	0.9*									0.9*	0.9*
White	2000-03	-0.4	2003-16	1.2*									1.2*	1.2*
White NH ^{ef}	2000-05	0.4	2005-16	1.6*									1.6*	1.6*
Black	2000-16	-1.6*											-1.6*	-1.6*
Black NH ^{ef}	2000-16	-1.6*											-1.6*	-1.6*
API ^e	2000-07	-1.6*	2007-16	1.2*									1.2*	1.2*
AI/AN ^{eg}	2000-16	1.3											1.3	1.3
Hispanic ^f	2000-16	-0.1											-0.1	-0.1
<u>U.S. Cancer Mortality^c, 1975-2016</u>														
All Races	1975-79	-0.5	1979-93	-1.7*	1993-00	-2.7*	2000-09	-1.4*	2009-16	0.8*			0.3	0.8*
White	1975-06	-1.9*	2006-16	0.7*									0.7*	0.7*
Black	1975-80	3.3*	1980-93	-1.5*	1993-09	-4.0*	2009-16	-1.3					-1.9*	-1.3
<u>U.S. Cancer Mortality^c, 2000-2016</u>														
All Races	2000-09	-1.4*	2009-16	0.8*									0.3	0.8*
White	2000-09	-0.9*	2009-16	1.2*									0.7*	1.2*
White NH ^{ef}	2000-09	-0.8*	2009-16	1.3*									0.8*	1.3*
Black	2000-16	-2.8*											-2.8*	-2.8*
Black NH ^{ef}	2000-16	-2.7*											-2.7*	-2.7*
API ^e	2000-09	-3.0*	2009-16	1.6									0.6	1.6
AI/AN ^{eg}	2000-16	-0.5											-0.5	-0.5
Hispanic ^f	2000-16	-0.8*											-0.8*	-0.8*

Joinpoint Regression Program Version 4.7, February 2019, 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 21 areas (SEER 9 areas, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, Georgia excluding ATL/RG, Idaho, New York and Massachusetts).

^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.

^g Data for American Indian/Alaska Native are based on the Purchased/Referred Care Delivery Area (PRCDA) counties.

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

- Joinpoint regression line analysis could not be performed on data series.