

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,
1975-2012 With up to Five Joinpoints, 1992-2012 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	2003-12	2008-12
<u>SEER 9 Delay-Adjusted Incidence^a, 1975-2012</u>														
All Races	1975-81	0.7	1981-03	-1.1*	2003-12	0.8*							0.8*	0.8*
White	1975-03	-0.9*	2003-12	1.2*									1.2*	1.2*
Black	1975-84	2.4*	1984-12	-2.5*									-2.5*	-2.5*
<u>SEER 13 Delay-Adjusted Incidence^b, 1992-2012</u>														
All Races	1992-04	-1.2*	2004-12	0.8*									0.6*	0.8*
White	1992-03	-1.1*	2003-12	1.2*									1.2*	1.2*
Black	1992-12	-2.5*											-2.5*	-2.5*
<u>SEER 9 Observed Incidence^a, 1975-2012</u>														
All Races	1975-81	0.7	1981-03	-1.1*	2003-12	0.5							0.5	0.5
White	1975-03	-0.9*	2003-12	0.9*									0.9*	0.9*
Black	1975-84	2.5*	1984-12	-2.5*									-2.5*	-2.5*
<u>SEER 13 Observed Incidence^b, 1992-2012</u>														
All Races	1992-03	-1.3*	2003-12	0.4									0.4	0.4
White	1992-03	-1.1*	2003-12	0.9*									0.9*	0.9*
White NH ^{ef}	1992-03	-0.8*	2003-12	1.0*									1.0*	1.0*
Black	1992-12	-2.6*											-2.6*	-2.6*
Black NH ^{ef}	1992-12	-2.5*											-2.5*	-2.5*
API ^e	1992-12	-1.0*											-1.0*	-1.0*
AI/AN ^{eg}	1992-12	-1.3											-1.3	-1.3
Hispanic ^f	1992-03	-2.0*	2003-12	1.3									1.3	1.3
<u>U.S. Cancer Mortality^c, 1975-2012</u>														
All Races	1975-79	-0.5	1979-93	-1.7*	1993-00	-2.7*	2000-09	-1.4*	2009-12	1.2			-0.5	0.6
White	1975-05	-1.9*	2005-12	0.2									-0.3	0.2
Black	1975-80	3.2*	1980-93	-1.5*	1993-09	-4.1*	2009-12	0.5					-2.5*	-0.6
<u>U.S. Cancer Mortality^c, 1992-2012</u>														
All Races	1992-00	-2.6*	2000-09	-1.4*	2009-12	1.3							-0.5	0.6
White	1992-05	-1.9*	2005-12	0.2									-0.2	0.2
White NH ^{ef}	1992-05	-1.7*	2005-12	0.3									-0.1	0.3
Black	1992-12	-3.7*											-3.7*	-3.7*
Black NH ^{ef}	1992-09	-3.9*	2009-12	0.5									-2.5*	-0.7
API ^e	1992-12	-2.1*											-2.1*	-2.1*
AI/AN ^{eg}	1992-12	-1.6*											-1.6*	-1.6*
Hispanic ^f	1992-05	-3.1*	2005-12	-0.1									-0.8	-0.1

Joinpoint Regression Program Version 4.2.0, April 2015, National Cancer Institute. (<http://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.