

Table 8.2
Cancer of the Esophagus (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program,
1975-2017 With up to Five Joinpoints, 2000-2017 With up to Three Joinpoints,
Males 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	2008-17	2013-17
<u>SEER 9 Delay-Adjusted Incidence^a, 1975-2017</u>														
All Races	1975-04	0.7*	2004-17	-1.0*									-1.0*	-1.0*
White	1975-04	1.7*	2004-17	-0.5									-0.5	-0.5
Black	1975-86	0.9	1986-17	-4.6*									-4.6*	-4.6*
<u>SEER 21 Delay-Adjusted Incidence^b, 2000-2017</u>														
All Races	2000-04	1.0	2004-17	-1.3*									-1.3*	-1.3*
White	2000-07	0.8	2007-17	-1.2*									-1.2*	-1.2*
White NH ^{ef}	2000-07	1.0*	2007-17	-1.0*									-1.0*	-1.0*
Black	2000-17	-4.4*											-4.4*	-4.4*
Black NH ^{ef}	2000-17	-4.4*											-4.4*	-4.4*
API ^e	2000-17	-1.0*											-1.0*	-1.0*
AI/AN ^{eg}	2000-17	-1.6											-1.6	-1.6
Hispanic ^f	2000-17	-1.9*											-1.9*	-1.9*
<u>U.S. Cancer Mortality^c, 1975-2017</u>														
All Races	1975-85	0.7*	1985-94	1.2*	1994-05	0.5*	2005-17	-1.2*					-1.2*	-1.2*
White	1975-82	0.3	1982-99	1.9*	1999-05	1.1*	2005-17	-0.7*					-0.7*	-0.7*
Black	1975-84	0.8*	1984-93	-1.9*	1993-17	-4.8*							-4.8*	-4.8*
<u>U.S. Cancer Mortality^c, 2000-2017</u>														
All Races	2000-05	0.4	2005-17	-1.1*									-1.1*	-1.1*
White	2000-05	1.1*	2005-17	-0.7*									-0.7*	-0.7*
White NH ^{ef}	2000-05	1.2*	2005-17	-0.5*									-0.5*	-0.5*
Black	2000-17	-4.8*											-4.8*	-4.8*
Black NH ^{ef}	2000-17	-4.8*											-4.8*	-4.8*
API ^e	2000-17	-1.1*											-1.1*	-1.1*
AI/AN ^{eg}	2000-17	-1.0											-1.0	-1.0
Hispanic ^f	2000-17	-1.3*											-1.3*	-1.3*

Joinpoint Regression Program Version 4.8, April 2020, 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.