

Table 8.1
Cancer of the Esophagus (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	1975-04	0.6*	2004-12	-1.3*									-1.1*	-1.3*
White	1975-04	1.4*	2004-12	-0.4									-0.2	-0.4
Black	1975-86	1.2	1986-12	-4.6*									-4.6*	-4.6*
<u>SEER 13 Delay-Adjusted Incidence^b, 1992-2012</u>														
All Races	1992-12	-0.4*											-0.4*	-0.4*
White	1992-12	0.5*											0.5*	0.5*
Black	1992-12	-4.6*											-4.6*	-4.6*
<u>SEER 9 Observed Incidence^a, 1975-2012</u>														
All Races	1975-04	0.6*	2004-12	-1.4*									-1.2*	-1.4*
White	1975-04	1.4*	2004-12	-0.5									-0.3	-0.5
Black	1975-86	1.2	1986-12	-4.6*									-4.6*	-4.6*
<u>SEER 13 Observed Incidence^b, 1992-2012</u>														
All Races	1992-12	-0.4*											-0.4*	-0.4*
White	1992-12	0.5*											0.5*	0.5*
White NH ^{ef}	1992-04	1.7*	2004-12	-0.8									-0.5	-0.8
Black	1992-12	-4.7*											-4.7*	-4.7*
Black NH ^{ef}	1992-12	-4.7*											-4.7*	-4.7*
API ^e	1992-12	-1.8*											-1.8*	-1.8*
AI/AN ^{eg}	1992-12	-1.8											-1.8	-1.8
Hispanic ^f	1992-12	-1.0*											-1.0*	-1.0*
<u>U.S. Cancer Mortality^c, 1975-2012</u>														
All Races	1975-02	0.7*	2002-12	-0.8*									-0.8*	-0.8*
White	1975-83	0.4	1983-02	1.7*	2002-12	-0.2							-0.2	-0.2
Black	1975-82	1.1*	1982-93	-1.6*	1993-12	-4.5*							-4.5*	-4.5*
<u>U.S. Cancer Mortality^c, 1992-2012</u>														
All Races	1992-03	0.5*	2003-12	-0.8*									-0.8*	-0.8*
White	1992-02	1.7*	2002-12	-0.2									-0.2	-0.2
White NH ^{ef}	1992-02	1.9*	2002-12	0.0									0.0	0.0
Black	1992-12	-4.4*											-4.4*	-4.4*
Black NH ^{ef}	1992-12	-4.4*											-4.4*	-4.4*
API ^e	1992-12	-1.9*											-1.9*	-1.9*
AI/AN ^{eg}	1992-04	4.0*	2004-12	-3.1									-2.4	-3.1
Hispanic ^f	1992-12	-0.8*											-0.8*	-0.8*

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.