

Table 15.1
Cancer of the Lung and Bronchus (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,
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	2008-17	2013-17
<u>SEER 9 Delay-Adjusted Incidence^a, 1975-2017</u>														
All Races	1975-82	2.5*	1982-91	1.0*	1991-07	-0.7*	2007-17	-2.1*					-2.1*	-2.1*
White	1975-82	2.5*	1982-91	1.1*	1991-07	-0.6*	2007-17	-2.0*					-2.0*	-2.0*
Black	1975-84	3.5*	1984-03	-0.6*	2003-17	-2.4*							-2.4*	-2.4*
<u>SEER 21 Delay-Adjusted Incidence^b, 2000-2017</u>														
All Races	2000-08	-0.7*	2008-11	-2.7*	2011-17	-1.7*							-2.0*	-1.7*
White	2000-08	-0.6*	2008-11	-2.7*	2011-17	-1.7*							-2.0*	-1.7*
White NH ^{ef}	2000-08	-0.5*	2008-11	-2.5*	2011-17	-1.4*							-1.8*	-1.4*
Black	2000-09	-1.2*	2009-17	-2.5*									-2.4*	-2.5*
Black NH ^{ef}	2000-09	-1.1*	2009-17	-2.6*									-2.4*	-2.6*
API ^e	2000-17	-0.7*											-0.7*	-0.7*
AI/AN ^{eg}	2000-17	-1.1*											-1.1*	-1.1*
Hispanic ^f	2000-07	-0.6	2007-17	-1.9*									-1.9*	-1.9*
<u>U.S. Cancer Mortality^c, 1975-2017</u>														
All Races	1975-80	3.0*	1980-90	1.8*	1990-95	-0.2	1995-05	-1.0*	2005-14	-2.4*	2014-17	-4.9*	-3.3*	-4.3*
White	1975-80	2.9*	1980-90	1.8*	1990-95	-0.1	1995-06	-0.9*	2006-14	-2.5*	2014-17	-4.6*	-3.2*	-4.1*
Black	1975-81	3.5*	1981-90	1.9*	1990-95	-0.7*	1995-04	-1.7*	2004-13	-2.7*	2013-17	-5.1*	-3.7*	-5.1*
<u>U.S. Cancer Mortality^c, 2000-2017</u>														
All Races	2000-05	-1.1*	2005-10	-2.2*	2010-14	-2.8*	2014-17	-4.6*					-3.3*	-4.2*
White	2000-05	-1.0*	2005-10	-2.0*	2010-15	-2.9*	2015-17	-5.2*					-3.2*	-4.0*
White NH ^{ef}	2000-05	-0.9*	2005-10	-1.9*	2010-15	-2.8*	2015-17	-4.9*					-3.1*	-3.9*
Black	2000-04	-1.6*	2004-13	-2.7*	2013-17	-5.1*							-3.7*	-5.1*
Black NH ^{ef}	2000-05	-1.5*	2005-08	-3.2*	2008-13	-2.3*	2013-17	-5.2*					-3.6*	-5.2*
API ^e	2000-13	-1.3*	2013-17	-3.4*									-2.2*	-3.4*
AI/AN ^{eg}	2000-08	0.6	2008-17	-3.1*									-3.1*	-3.1*
Hispanic ^f	2000-15	-2.2*	2015-17	-7.0*									-3.3*	-4.6*

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.