

Table 15.2
Cancer of the Lung and Bronchus (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,
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	2003-12	2008-12
<u>SEER 9 Delay-Adjusted Incidence^a, 1975-2012</u>														
All Races	1975-82	1.4*	1982-91	-0.4	1991-12	-1.8*							-1.8*	-1.8*
White	1975-81	1.5*	1981-90	-0.2	1990-12	-1.8*							-1.8*	-1.8*
Black	1975-84	2.8*	1984-95	-1.2*	1995-12	-2.5*							-2.5*	-2.5*
<u>SEER 13 Delay-Adjusted Incidence^b, 1992-2012</u>														
All Races	1992-09	-1.9*	2009-12	-3.3*									-2.4*	-3.0*
White	1992-09	-1.9*	2009-12	-3.2*									-2.3*	-2.9*
Black	1992-12	-2.5*											-2.5*	-2.5*
<u>SEER 9 Observed Incidence^a, 1975-2012</u>														
All Races	1975-82	1.5*	1982-91	-0.5*	1991-09	-1.8*	2009-12	-3.8*					-2.4*	-3.3*
White	1975-81	1.5*	1981-90	-0.2	1990-09	-1.7*	2009-12	-3.8*					-2.4*	-3.3*
Black	1975-84	2.9*	1984-97	-1.4*	1997-12	-2.7*							-2.7*	-2.7*
<u>SEER 13 Observed Incidence^b, 1992-2012</u>														
All Races	1992-09	-1.9*	2009-12	-4.2*									-2.7*	-3.6*
White	1992-09	-1.9*	2009-12	-4.1*									-2.6*	-3.6*
White NH ^{ef}	1992-09	-1.8*	2009-12	-3.9*									-2.5*	-3.4*
Black	1992-12	-2.6*											-2.6*	-2.6*
Black NH ^{ef}	1992-12	-2.6*											-2.6*	-2.6*
API ^e	1992-94	-5.3	1994-05	-0.4	2005-12	-2.8*							-2.3*	-2.8*
AI/AN ^{eg}	1992-12	-1.5*											-1.5*	-1.5*
Hispanic ^f	1992-12	-2.1*											-2.1*	-2.1*
<u>U.S. Cancer Mortality^c, 1975-2012</u>														
All Races	1975-78	2.5*	1978-84	1.2*	1984-90	0.4*	1990-93	-1.1	1993-05	-1.9*	2005-12	-2.9*	-2.7*	-2.9*
White	1975-82	1.7*	1982-91	0.4*	1991-05	-1.8*	2005-12	-2.9*					-2.6*	-2.9*
Black	1975-77	4.9*	1977-84	2.3*	1984-90	1.2*	1990-94	-1.2*	1994-03	-2.7*	2003-12	-3.4*	-3.4*	-3.4*
<u>U.S. Cancer Mortality^c, 1992-2012</u>														
All Races	1992-05	-1.9*	2005-12	-3.0*									-2.7*	-3.0*
White	1992-05	-1.8*	2005-12	-2.9*									-2.6*	-2.9*
White NH ^{ef}	1992-05	-1.6*	2005-12	-2.8*									-2.5*	-2.8*
Black	1992-94	-1.0	1994-03	-2.7*	2003-12	-3.4*							-3.4*	-3.4*
Black NH ^{ef}	1992-94	-0.6	1994-04	-2.7*	2004-12	-3.3*							-3.3*	-3.3*
API ^e	1992-12	-1.6*											-1.6*	-1.6*
AI/AN ^{eg}	1992-12	-1.0*											-1.0*	-1.0*
Hispanic ^f	1992-94	3.2	1994-05	-2.0*	2005-12	-3.3*							-3.0*	-3.3*

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.