

Table 15.21
Lung and Bronchus (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2007-2011			Trend 2002-2011 ^c			Trend 2002-2011 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	60.1	72.2	51.1	-1.9*	-2.6*	-1.1*	-1.5*	-2.3*	-0.8*
White	61.7	72.4	53.8	-1.8*	-2.5*	-1.3*	-1.5*	-2.2*	-0.8*
White Hispanic ^e	32.4	41.0	26.3	-1.3*	-2.0*	-0.4*	-	-	-
White Non-Hispanic ^e	66.2	77.0	58.1	-1.6*	-2.3*	-1.1*	-	-	-
Black	68.0	93.0	51.2	-2.6*	-2.6*	-1.2*	-2.4*	-2.8*	0.1
Asian/Pacific Islander	37.0	49.4	28.1	-1.2*	-2.3*	0.3	-	-	-
Amer Ind/Alaska Nat ^f	40.9	49.5	34.7	-0.5	-1.3*	0.8	-	-	-
Hispanic ^e	31.3	39.6	25.5	-1.2*	-2.0*	-0.4*	-	-	-
U.S. Mortality ^g									
	Rate 2007-2011			Trend 2002-2011 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
RACE/ETHNICITY									
All Races	48.4	61.6	38.5	-1.9*	-2.6*	-1.2*			
White	49.1	61.4	39.8	-1.7*	-2.5*	-1.1*			
White Hispanic ^e	21.9	31.9	14.6	-2.1*	-2.4*	-1.1*			
White Non-Hispanic ^e	51.5	63.9	42.1	-1.6*	-2.4*	-0.9*			
Black	52.0	75.7	36.5	-2.5*	-3.3*	-1.4*			
Asian/Pacific Islander	25.2	34.7	18.4	-1.1*	-1.5*	-0.3*			
Amer Ind/Alaska Nat									
Total U.S.	32.5	41.0	26.1	-1.0*	-1.9*	-1.7*			
CHSDA Counties	39.9	50.0	32.4	-0.1	-1.0*	-1.1			
Non-CHSDA Counties	23.6	30.2	18.5	-1.9*	-3.0*	-1.9*			
Hispanic ^e	20.9	30.5	14.0	-2.2*	-2.7*	-1.2*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

c The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.

d The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.

e 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 2002-2011 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

f Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.

g US Mortality Files, National Center for Health Statistics, CDC.

h The 2002-2011 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2011.

* The APC is significantly different from zero (p<.05).