

Table 15.21  
Lung and Bronchus (Invasive)

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

SEER Incidence	SEER 18 Areas <sup>b</sup>			SEER 13 Areas <sup>b</sup>			SEER 9 Areas <sup>b</sup>		
	Rate 2011-2015			Trend 2006-2015 <sup>c</sup>			Trend 2006-2015 <sup>d</sup>		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	54.6	63.8	47.8	-2.3*	-2.9*	-1.8*	-2.1*	-2.8*	-1.6*
White	56.1	63.9	50.2	-2.3*	-2.9*	-1.8*	-2.1*	-2.8*	-1.5*
White Hispanic <sup>e</sup>	28.6	35.2	23.9	-1.3*	-2.1*	-0.4*	-	-	-
White Non-Hispanic <sup>e</sup>	60.7	68.6	54.8	-2.2*	-2.7*	-1.7*	-	-	-
Black	61.4	81.2	47.9	-3.0*	-4.0*	-1.9*	-3.0*	-3.0*	-1.9*
Asian/Pacific Islander	35.6	45.9	28.0	-1.5*	-2.2*	0.1	-	-	-
Amer Ind/Alaska Nat <sup>f</sup>	37.3	45.4	31.2	-1.2*	-1.8*	-3.6*	-	-	-
Hispanic <sup>e</sup>	27.8	34.1	23.2	-1.3*	-2.1*	-0.4*	-	-	-
<u>U.S. Mortality<sup>g</sup></u>									
	Rate 2011-2015			Trend 2006-2015 <sup>h</sup>					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	43.4	53.8	35.4	-2.6*	-3.3*	-1.9*			
White	44.1	53.9	36.6	-2.4*	-3.2*	-1.8*			
White Hispanic <sup>e</sup>	19.9	27.9	14.0	-2.3*	-3.2*	-1.1*			
White Non-Hispanic <sup>e</sup>	46.5	56.3	39.0	-2.3*	-3.1*	-1.7*			
Black	46.2	65.1	33.5	-3.2*	-3.8*	-2.5*			
Asian/Pacific Islander	23.4	31.2	17.8	-1.6*	-2.4*	-0.5*			
Amer Ind/Alaska Nat									
Total U.S.	28.7	35.3	23.7	-2.8*	-2.2*	-2.7*			
CHSDA Counties	36.7	45.0	30.6	-1.8*	-1.2*	-1.7*			
Non-CHSDA Counties	19.9	24.8	15.9	-2.5*	-3.4*	-2.5*			
Hispanic <sup>e</sup>	18.9	26.5	13.3	-2.4*	-3.4*	-1.2*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.6, February 2018, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.
- a 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.
- b The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.
- b 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 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2015.
- d The 2006-2015 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2015.
- 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 2006-2015 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 2006-2015 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2015.
- \* The APC is significantly different from zero (p<.05).