

Table 14.15  
Cancer of the Liver and Intrahepatic Bile Duct (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> Rate 2005-2009 Rate per 100,000 persons			SEER 13 Areas <sup>b</sup> Trend 2000-2009 <sup>c</sup> AAPC (%)			SEER 9 Areas <sup>b</sup> Trend 2000-2009 <sup>d</sup> AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
	RACE/ETHNICITY								
All Races	7.5	11.6	3.9	3.5*	3.5*	2.8*	3.9*	3.7*	2.3*
White	6.5	10.0	3.4	3.6*	3.7*	2.3*	4.0*	4.0*	2.5
White Hispanic <sup>e</sup>	11.9	17.7	6.8	2.9*	2.7*	2.6*	-	-	-
White Non-Hispanic <sup>e</sup>	5.7	8.8	2.9	3.4*	3.5*	2.2*	-	-	-
Black	9.0	14.9	4.4	4.1*	4.6*	2.8*	3.9*	3.8*	2.7*
Asian/Pacific Islander	14.6	22.1	8.5	0.8*	1.0*	0.6	-	-	-
Amer Ind/Alaska Nat <sup>f</sup>	12.8	18.3	8.1	3.0*	-	-	-	-	-
Hispanic <sup>e</sup>	11.6	17.3	6.7	3.1*	2.9*	2.7*	-	-	-
<u>U.S. Mortality<sup>g</sup></u>									
	Rate 2005-2009 Rate per 100,000 persons			Trend 2000-2009 <sup>h</sup> AAPC (%)					
	Total	Males	Females	Total	Males	Females			
	RACE/ETHNICITY								
All Races	5.5	8.1	3.3	2.3*	2.3*	1.3*			
White	5.0	7.4	3.1	2.5*	2.3*	1.7*			
White Hispanic <sup>e</sup>	8.7	12.3	5.6	1.6*	1.5*	1.3*			
White Non-Hispanic <sup>e</sup>	4.7	7.0	2.9	2.4*	2.8*	1.4*			
Black	7.3	11.9	4.0	2.0*	2.5*	0.8*			
Asian/Pacific Islander	9.9	14.5	6.1	-0.8*	-0.9*	-0.8			
Amer Ind/Alaska Nat									
Total U.S.	6.4	8.6	4.5	1.5*	1.3*	1.3			
CHSDA Counties	8.6	11.9	5.9	1.7*	1.8*	1.2			
Non-CHSDA Counties	3.7	4.7	2.6	-	-	-			
Hispanic <sup>e</sup>	8.3	11.8	5.3	1.6*	1.4*	1.3*			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.5, April 2011, 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 2000-2009 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2009.

d The 2000-2009 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2009.

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 2005-2009 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2000-2009 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.

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 2000-2009 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2009.

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