

Table 26.15  
Cancer of the Thyroid (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	11.6	5.9	17.3	6.5*	5.5*	6.9*	6.6*	5.9*	7.0*
White	12.2	6.2	18.3	6.6*	6.0*	6.9*	6.9*	6.0*	7.3*
White Hispanic <sup>e</sup>	10.2	4.3	16.4	5.1*	3.4*	6.1*	-	-	-
White Non-Hispanic <sup>e</sup>	12.9	6.7	18.9	6.8*	6.4*	7.0*	-	-	-
Black	6.9	3.3	10.1	6.6*	5.6*	6.3*	6.1*	2.8*	5.5*
Asian/Pacific Islander	11.8	5.3	17.7	5.9*	5.0*	6.1*	-	-	-
Amer Ind/Alaska Nat <sup>f</sup>	7.1	3.2	10.9	2.6*	-	-	-	-	-
Hispanic <sup>e</sup>	10.0	4.2	16.0	5.2*	3.6*	6.1*	-	-	-
<u>U.S. Mortality<sup>g</sup></u>									
RACE/ETHNICITY	Rate 2005-2009 Rate per 100,000 persons			Trend 2000-2009 <sup>h</sup> AAPC (%)					
	Total	Males	Females	Total	Males	Females			
All Races	0.5	0.5	0.5	0.9*	1.6*	0.8*			
White	0.5	0.5	0.5	0.8*	1.7*	0.8*			
White Hispanic <sup>e</sup>	0.6	0.6	0.7	-0.2	1.9	-1.3*			
White Non-Hispanic <sup>e</sup>	0.5	0.5	0.5	1.0*	1.7*	0.9*			
Black	0.5	0.4	0.6	1.4*	1.9*	1.2*			
Asian/Pacific Islander	0.7	0.5	0.8	-0.3	-	-0.7			
Amer Ind/Alaska Nat									
Total U.S.	0.3	0.3	-	-	-	-			
CHSDA Counties	0.5	-	-	-	-	-			
Non-CHSDA Counties	-	-	-	-	-	-			
Hispanic <sup>e</sup>	0.6	0.5	0.6	-0.4	1.7	-1.4*			

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.

<sup>a</sup> 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).

<sup>b</sup> 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.

<sup>c</sup> The 2000-2009 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2009.

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

<sup>e</sup> 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.

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

<sup>g</sup> US Mortality Files, National Center for Health Statistics, CDC.

<sup>h</sup> 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).