

Table 26.15
Cancer of the Thyroid (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	12.9	6.4	19.1	5.5*	5.2*	5.7*	5.5*	5.4*	5.7*
White	13.7	6.9	20.4	5.4*	5.3*	5.6*	5.5*	5.5*	5.7*
White Hispanic ^e	11.5	4.8	18.1	5.1*	3.9*	5.5*	-	-	-
White Non-Hispanic ^e	14.4	7.5	21.4	5.6*	5.8*	5.9*	-	-	-
Black	7.6	3.3	11.3	6.7*	5.1*	7.5*	6.2*	3.0*	6.0*
Asian/Pacific Islander	12.5	5.7	18.5	5.1*	5.6*	4.9*	-	-	-
Amer Ind/Alaska Nat ^f	7.7	3.4	11.8	3.6*	-	-	-	-	-
Hispanic ^e	10.9	4.6	17.1	5.0*	4.7*	5.3*	-	-	-
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	0.5	0.5	0.5	0.9*	1.6*	0.8*			
White	0.5	0.5	0.5	0.8*	1.6*	0.7*			
White Hispanic ^e	0.6	0.5	0.7	0.1	1.6	-0.7			
White Non-Hispanic ^e	0.5	0.5	0.5	0.8*	1.5*	0.4*			
Black	0.5	0.4	0.6	0.9*	1.5*	0.8			
Asian/Pacific Islander	0.7	0.6	0.9	0.0	-	-0.2			
Amer Ind/Alaska Nat									
Total U.S.	0.4	0.5	0.3	-	-	-			
CHSDA Counties	0.6	-	0.5	-	-	-			
Non-CHSDA Counties	-	-	-	-	-	-			
Hispanic ^e	0.6	0.5	0.7	0.0	1.5	-0.8*			

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).