

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 2008-2012			Trend 2003-2012 ^c			Trend 2003-2012 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	13.5	6.7	20.0	4.9*	5.2*	5.0*	5.0*	5.4*	5.0*
White	14.3	7.2	21.3	4.8*	5.3*	4.8*	4.9*	5.6*	4.9*
White Hispanic ^e	12.1	5.1	19.0	5.0*	4.9*	4.6*	-	-	-
White Non-Hispanic ^e	15.1	7.8	22.3	4.9*	5.7*	5.0*	-	-	-
Black	8.0	3.5	11.8	6.5*	5.2*	6.5*	6.2*	3.1*	6.3*
Asian/Pacific Islander	13.2	6.2	19.3	4.7*	6.2*	4.6*	-	-	-
Amer Ind/Alaska Nat ^f	8.5	3.7	12.9	3.9*	3.3	3.8*	-	-	-
Hispanic ^e	11.5	4.8	18.1	4.9*	4.9*	5.1*	-	-	-
U.S. Mortality ^g									
	Rate 2008-2012			Trend 2003-2012 ^h					
	Rate per 100,000 persons			AAPC (%)					
	Total	Males	Females	Total	Males	Females			
RACE/ETHNICITY									
All Races	0.5	0.5	0.5	0.8*	1.5*	-0.5			
White	0.5	0.5	0.5	0.7*	1.5*	-0.5			
White Hispanic ^e	0.6	0.5	0.7	0.2	1.3	-0.4			
White Non-Hispanic ^e	0.5	0.5	0.5	0.7*	1.5*	-0.7			
Black	0.5	0.4	0.6	0.9*	1.5*	0.7			
Asian/Pacific Islander	0.7	0.5	0.8	-0.2	0.5	-0.9			
Amer Ind/Alaska Nat									
Total U.S.	0.3	-	0.3	0.5	-	-2.0			
CHSDA Counties	0.4	-	0.5	0.6	-	-1.2			
Non-CHSDA Counties	-	-	-	-	-	-			
Hispanic ^e	0.6	0.5	0.7	0.0	-2.2	-0.6			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.2.0, April 2015, 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 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2012.

d The 2003-2012 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2012.

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 2003-2012 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 2003-2012 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2012.

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