

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 Rate 2009-2013			SEER 13 Areas ^b Trend 2004-2013 ^c			SEER 9 Areas ^b Trend 2004-2013 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	13.9	6.9	20.6	4.4*	5.0*	4.5*	4.5*	5.3*	4.4*
White	14.7	7.4	21.9	4.4*	5.1*	4.4*	4.4*	4.5*	4.4*
White Hispanic ^e	12.4	5.2	19.5	4.9*	4.1*	5.2*	-	-	-
White Non-Hispanic ^e	15.6	8.1	23.0	4.4*	4.5*	4.4*	-	-	-
Black	8.3	3.6	12.4	4.5*	3.8*	5.0*	5.9*	3.1*	5.9*
Asian/Pacific Islander	13.6	6.5	19.9	4.7*	5.9*	4.3*	-	-	-
Amer Ind/Alaska Nat ^f	8.8	3.6	13.6	3.8*	2.3	4.1*	-	-	-
Hispanic ^e	11.9	5.0	18.6	4.8*	4.7*	5.0*	-	-	-
U.S. Mortality^g									
	Rate 2009-2013 Rate per 100,000 persons			Trend 2004-2013 ^h AAPC (%)					
RACE/ETHNICITY									
All Races	0.5	0.5	0.5	0.8*	1.5*	0.4*			
White	0.5	0.5	0.5	0.7*	1.5*	0.3			
White Hispanic ^e	0.6	0.5	0.7	0.1	1.2	-0.5			
White Non-Hispanic ^e	0.5	0.5	0.5	0.7*	1.5*	0.3			
Black	0.5	0.4	0.6	0.9*	1.4*	0.8			
Asian/Pacific Islander	0.7	0.6	0.8	-0.2	0.7	0.0			
Amer Ind/Alaska Nat									
Total U.S.	0.4	0.4	0.4	2.1	-	-0.5			
CHSDA Counties	0.5	-	0.5	2.1	-	-0.4			
Non-CHSDA Counties	-	-	-	-	-	-			
Hispanic ^e	0.6	0.5	0.6	0.0	1.1	-0.7			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, 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.

b 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).

c The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

d The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

e The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

f The 2004-2013 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2013.

g The 2004-2013 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2013.

h 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 2004-2013 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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

j US Mortality Files, National Center for Health Statistics, CDC.

k The 2004-2013 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2013.

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