

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 21 Areas ^b Rate 2013-2017			SEER 21 Areas ^b Trend 2008-2017 ^c			SEER 9 Areas ^b Trend 2008-2017 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
Race/Ethnicity									
All Races	15.7	8.1	23.1	0.8	1.4*	0.7	0.3	1.8*	0.0
White	16.4	8.6	24.3	0.6	1.3	0.4	0.1	1.7*	-0.2
White Hispanic ^e	14.5	6.1	22.8	2.0	3.7*	1.9	-	-	-
White Non-Hispanic ^e	17.2	9.3	25.0	0.4	1.3	0.1	-	-	-
Black	9.5	4.0	14.3	1.2	1.2	1.3	1.4	3.1*	1.2
Asian/Pacific Islander	15.8	7.9	22.7	1.2	3.1*	1.5*	-	-	-
Amer Ind/Alaska Nat ^f	9.3	3.9	14.5	3.0*	3.0	4.2*	-	-	-
Hispanic ^e	14.2	5.9	22.3	3.0*	3.9*	3.0*	-	-	-
U.S. Mortality^g									
	Rate 2013-2017 Rate per 100,000 persons			Trend 2008-2017 ^h AAPC (%)					
	Total	Males	Females	Total	Males	Females			
Race/Ethnicity									
All Races	0.5	0.5	0.5	0.5*	1.0*	0.2			
White	0.5	0.5	0.5	0.5*	1.0*	0.2			
White Hispanic ^e	0.7	0.6	0.7	0.8*	2.6	0.8			
White Non-Hispanic ^e	0.5	0.5	0.5	0.4*	1.0*	0.0			
Black	0.5	0.4	0.6	0.2	0.8	-0.2			
Asian/Pacific Islander	0.6	0.5	0.7	-0.3	1.2	-1.0			
Amer Ind/Alaska Nat									
Total U.S.	0.4	0.4	0.4	1.2	-	0.0			
PRCDA Counties	0.5	0.6	0.4	-0.7	-	-2.8			
Non-PRCDA Counties	0.3	-	-	-	-	-			
Hispanic ^e	0.6	0.6	0.7	0.7*	2.5	0.7			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.8, April 2020, 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 21 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, Georgia excluding ATL/RG, Idaho, New York and Massachusetts.

e The 2008-2017 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 2000-2017.

f The 2008-2017 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2017.

g 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.

h Incidence data for American Indian/Alaska Native are based on the Purchased/Referred Care Delivery Area (PRCDA) counties.

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

* The 2008-2017 mortality AAPCs are based on a Joinpoint analysis using years of death 2000-2017.

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