

Table 26.2
Cancer of the Thyroid (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program,
1975-2017 With up to Five Joinpoints, 2000-2017 With up to Three Joinpoints,
Males by Race/Ethnicity

	JP Trend 1		JP Trend 2		JP Trend 3		JP Trend 4		JP Trend 5		JP Trend 6		AAPC ^d	
	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	Years	APC	2008-17	2013-17
<u>SEER 9 Delay-Adjusted Incidence^a, 1975-2017</u>														
All Races	1975-80	-4.5*	1980-97	1.8*	1997-12	5.4*	2012-17	-0.9					1.9*	-0.9
White	1975-77	10.5	1977-80	-9.0	1980-97	2.5*	1997-12	5.6*	2012-17	-1.1			1.8*	-1.1
Black	1975-17	3.1*											3.1*	3.1*
<u>SEER 21 Delay-Adjusted Incidence^b, 2000-2017</u>														
All Races	2000-09	7.0*	2009-15	2.5*	2015-17	-3.6							1.6*	-0.6
White	2000-09	7.2*	2009-15	2.3*	2015-17	-3.4							1.5*	-0.6
White NH ^{ef}	2000-09	7.6*	2009-15	2.3*	2015-17	-3.8							1.5*	-0.8
Black	2000-09	6.6*	2009-17	0.9									1.6	0.9
Black NH ^{ef}	2000-02	-8.2	2002-05	16.0	2005-15	3.1*	2015-17	-6.8					0.8	-2.0
API ^e	2000-13	6.3*	2013-17	0.1									3.5*	0.1
AI/AN ^{eg}	2000-17	3.6*											3.6*	3.6*
Hispanic ^f	2000-17	4.0*											4.0*	4.0*
<u>U.S. Cancer Mortality^c, 1975-2017</u>														
All Races	1975-83	-3.0*	1983-17	1.2*									1.2*	1.2*
White	1975-83	-3.0*	1983-17	1.2*									1.2*	1.2*
Black	1975-17	0.5*											0.5*	0.5*
<u>U.S. Cancer Mortality^c, 2000-2017</u>														
All Races	2000-17	1.0*											1.0*	1.0*
White	2000-17	1.0*											1.0*	1.0*
White NH ^{ef}	2000-17	1.0*											1.0*	1.0*
Black	2000-17	0.8											0.8	0.8
Black NH ^{ef}	2000-17	1.0											1.0	1.0
API ^e	2000-17	1.2											1.2	1.2
AI/AN ^{eg}	-	-											-	-
Hispanic ^f	2000-06	4.6	2006-09	-10.9	2009-17	4.3*							2.5	4.3*

^a Joinpoint Regression Program Version 4.8, April 2020, National Cancer Institute. (<https://surveillance.cancer.gov/joinpoint/>).

^b The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

^c Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

^d Trends are from the SEER 21 areas (SEER 9 areas, Los Angeles, Alaska Native Registry, Rural Georgia, California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, Georgia excluding ATL/RG, Idaho, New York and Massachusetts).

^e Trends are from US Mortality Files, National Center for Health Statistics, Centers for Disease Control and Prevention.

^f The AAPC is the Average Annual Percent Change and is based on the APCs calculated by Joinpoint.

^g API - Asian/Pacific Islander, AI/AN - American Indian/Alaska Native, NH - Non-Hispanic

^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.

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

^{*} The APC/AAPC is significantly different from zero ($p < .05$).

⁻ Joinpoint regression line analysis could not be performed on data series.