

Table 26.1
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,
Both Sexes 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	1975-77	6.3	1977-80	-6.5	1980-97	2.4*	1997-09	6.7*	2009-14	1.8*	2014-17	-3.3*	0.6	-2.0*
White	1975-77	7.6	1977-80	-6.7	1980-97	2.7*	1997-09	7.0*	2009-15	1.3*	2015-17	-6.1*	0.3	-2.4
Black	1975-95	0.8	1995-12	6.3*	2012-17	-2.0							1.6	-2.0
<u>SEER 21 Delay-Adjusted Incidence^b, 2000-2017</u>														
All Races	2000-09	7.5*	2009-15	2.0*	2015-17	-5.1*							1.0*	-1.6*
White	2000-09	7.6*	2009-15	1.7*	2015-17	-5.0*							0.8*	-1.7*
White NH ^{ef}	2000-09	7.9*	2009-15	1.6*	2015-17	-5.5*							0.6	-2.0*
Black	2000-14	5.9*	2014-17	-6.6*									1.5	-3.6
Black NH ^{ef}	2000-14	5.8*	2014-17	-6.7*									1.5	-3.7
API ^e	2000-03	2.4	2003-09	7.8*	2009-15	2.4*	2015-17	-3.5					1.6*	-0.6
AI/AN ^{eg}	2000-02	24.3	2002-06	-1.6	2006-12	8.7*	2012-17	0.3					4.0*	0.3
Hispanic ^f	2000-12	5.9*	2012-17	1.0									3.2*	1.0
<u>U.S. Cancer Mortality^c, 1975-2017</u>														
All Races	1975-88	-2.0*	1988-17	0.7*									0.7*	0.7*
White	1975-88	-2.2*	1988-17	0.7*									0.7*	0.7*
Black	1975-17	0.1											0.1	0.1
<u>U.S. Cancer Mortality^c, 2000-2017</u>														
All Races	2000-17	0.5*											0.5*	0.5*
White	2000-17	0.5*											0.5*	0.5*
White NH ^{ef}	2000-17	0.4*											0.4*	0.4*
Black	2000-17	0.2											0.2	0.2
Black NH ^{ef}	2000-17	0.3											0.3	0.3
API ^e	2000-17	-0.3											-0.3	-0.3
AI/AN ^{eg}	2000-17	-0.7											-0.7	-0.7
Hispanic ^f	2000-17	0.7*											0.7*	0.7*

^a Joinpoint Regression Program Version 4.8, April 2020, National Cancer Institute. (<https://surveillance.cancer.gov/joinpoint/>). The APC is the Annual Percent Change based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends are from the SEER 9 areas (San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta).

^b 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).

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

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

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

^f 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.

^g 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.