Table 26.1
Cancer of the Thyroid (Invasive)

Trends in SEER Incidence[ab] and U.S. Mortality[c] Using the Joinpoint Regression Program,
1975-2010 With up to Five Joinpoints, 1992-2010 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	2001-10	2006-10
SEER 9 Delay-Adjusted Incidence[a], 1975-2010														
All Races	1975-81	-2.1	1981-96	2.2*	1996-10	6.3*							6.3*	6.3*
White	1975-81	-2.0	1981-97	2.7*	1997-08	7.2*	2008-10	2.6					6.2*	4.9*
Black	1975-95	0.7	1995-10	6.3*									6.3*	6.3*
SEER 13 Delay-Adjusted Incidence[b], 1992-2010														
All Races	1992-98	3.3*	1998-10	6.3*									6.3*	6.3*
White	1992-98	4.0*	1998-10	6.5*									6.5*	6.5*
Black	1992-95	-4.5	1995-10	6.8*									6.8*	6.8*
SEER 9 Observed Incidence[a], 1975-2010														
All Races	1975-77	6.2	1977-80	-6.7	1980-97	2.5*	1997-10	6.4*					6.4*	6.4*
White	1975-77	7.3	1977-80	-6.6	1980-97	2.7*	1997-08	7.1*	2008-10	2.1			6.0*	4.6*
Black	1975-95	0.8	1995-10	6.2*									6.2*	6.2*
SEER 13 Observed Incidence[b], 1992-2010														
All Races	1992-98	3.2*	1998-10	6.2*									6.2*	6.2*
White	1992-98	3.9*	1998-10	6.4*									6.4*	6.4*
White NH[ef]	1992-98	4.6*	1998-10	6.6*									6.6*	6.6*
Black	1992-95	-4.3	1995-10	6.7*									6.7*	6.7*
Black NH[ef]	1992-95	-4.7	1995-10	6.8*									6.8*	6.8*
API[e]	1992-00	0.6	2000-10	5.2*									5.2*	5.2*
AI/AN[eg]	1992-10	3.6*											3.6*	3.6*
Hispanic[f]	1992-95	-4.8	1995-10	5.1*									5.1*	5.1*
U.S. Cancer Mortality[c], 1975-2010														
All Races	1975-89	-2.0*	1989-10	0.9*									0.9*	0.9*
White	1975-89	-2.1*	1989-10	0.9*									0.9*	0.9*
Black	1975-10	0.0											0.0	0.0
U.S. Cancer Mortality[c], 1992-2010														
All Races	1992-10	0.9*											0.9*	0.9*
White	1992-10	0.8*											0.8*	0.8*
White NH[ef]	1992-10	1.0*											1.0*	1.0*
Black	1992-10	1.2*											1.2*	1.2*
Black NH[ef]	1992-10	1.4*											1.4*	1.4*
API[e]	1992-10	0.0											0.0	0.0
AI/AN[eg]	1992-10	1.2											1.2	1.2
Hispanic[f]	1992-10	-0.2											-0.2	-0.2

Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute. (http://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).
[a] 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 13 areas (SEER 9 Areas, Los Angeles, San Jose-Monterey, Rural Georgia, and the Alaska Native Registry).
[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. The Hispanic and Non-Hispanic mortality trends exclude deaths from CT, DC, ME, MD, MN, NH, NY, ND, SC, OK and VT.
[g] Data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.
* The APC/AAPC is significantly different from zero (p<.05).
- Joinpoint regression line analysis could not be performed on data series.