Table 27.2
Cancer of the Urinary Bladder (Invasive and *In Situ*)

Trends in SEER Incidence[a][b] and U.S. Mortality[c] Using the Joinpoint Regression Program,
1975-2012 With up to Five Joinpoints, 1992-2012 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	2003-12	2008-12
SEER 9 Delay-Adjusted Incidence[a], 1975-2012														
All Races	1975-86	0.8*	1986-07	0.1	2007-12	-0.8							-0.4	-0.8
White	1975-87	1.2*	1987-95	-0.5	1995-00	1.3	2000-12	-0.3					-0.3	-0.3
Black	1975-12	0.5*											0.5*	0.5*
SEER 13 Delay-Adjusted Incidence[b], 1992-2012														
All Races	1992-07	0.1	2007-12	-1.2*									-0.6*	-1.2*
White	1992-12	0.0											0.0	0.0
Black	1992-12	0.6*											0.6*	0.6*
SEER 9 Observed Incidence[a], 1975-2012														
All Races	1975-86	0.8*	1986-07	0.1	2007-12	-1.3*							-0.7*	-1.3*
White	1975-86	1.0*	1986-07	0.2	2007-12	-1.3*							-0.7*	-1.3*
Black	1975-12	0.4*											0.4*	0.4*
SEER 13 Observed Incidence[b], 1992-2012														
All Races	1992-07	0.1	2007-12	-1.7*									-0.9*	-1.7*
White	1992-07	0.2	2007-12	-1.6*									-0.8*	-1.6*
White NH[e][f]	1992-07	0.3*	2007-12	-1.4*									-0.6*	-1.4*
Black	1992-12	0.5*											0.5*	0.5*
Black NH[e][f]	1992-12	0.5*											0.5*	0.5*
API[e]	1992-07	1.0*	2007-12	-3.3*									-1.4	-3.3*
AI/AN[e][g]	1992-12	1.7											1.7	1.7
Hispanic[f]	1992-12	-0.2											-0.2	-0.2
U.S. Cancer Mortality[c], 1975-2012														
All Races	1975-83	-1.4*	1983-87	-2.8*	1987-93	0.2	1993-97	-1.1	1997-12	0.0			0.0	0.0
White	1975-82	-1.4*	1982-87	-2.3*	1987-01	-0.2*	2001-12	0.2					0.2	0.2
Black	1975-12	-1.0*											-1.0*	-1.0*
U.S. Cancer Mortality[c], 1992-2012														
All Races	1992-97	-0.9*	1997-12	0.0									0.0	0.0
White	1992-99	-0.5*	1999-12	0.2*									0.2*	0.2*
White NH[e][f]	1992-99	-0.4	1999-12	0.3*									0.3*	0.3*
Black	1992-12	-0.8*											-0.8*	-0.8*
Black NH[e][f]	1992-12	-0.7*											-0.7*	-0.7*
API[e]	1992-12	0.1											0.1	0.1
AI/AN[e][g]	1992-12	4.2*											4.2*	4.2*
Hispanic[f]	1992-12	-0.4											-0.4	-0.4

Joinpoint Regression Program Version 4.2.0, April 2015, 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 New Hampshire and Oklahoma.
[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.