Table 23.2
Cancer of the Prostate (Invasive)

Trends in SEER Incidence[ab] and U.S. Mortality[c] Using the Joinpoint Regression Program,
1975-2009 With up to Five Joinpoints, 1992-2009 With up to Three Joinpoints,
Ages <65 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	2000-09	2005-09
SEER 9 Delay-Adjusted Incidence[a], 1975-2009														
All Races	1975-88	3.1*	1988-92	23.3*	1992-01	3.4*	2001-09	0.1					0.4	0.1
White	1975-88	3.5*	1988-92	23.0*	1992-01	3.2*	2001-09	-0.1					0.3	-0.1
Black	1975-89	2.0*	1989-93	26.1*	1993-01	2.7*	2001-09	0.0					0.3	0.0
SEER 13 Delay-Adjusted Incidence[b], 1992-2009														
All Races	1992-01	3.4*	2001-09	-0.3									0.1	-0.3
White	1992-01	3.3*	2001-09	-0.4									0.0	-0.4
Black	1992-00	3.9*	2000-09	-0.2									-0.2	-0.2
SEER 9 Observed Incidence[a], 1975-2009														
All Races	1975-88	3.1*	1988-92	23.3*	1992-01	3.4*	2001-09	-0.1					0.3	-0.1
White	1975-88	3.5*	1988-92	22.9*	1992-01	3.2*	2001-09	-0.4					0.0	-0.4
Black	1975-89	2.0*	1989-93	26.1*	1993-01	2.7*	2001-09	-0.5					-0.1	-0.5
SEER 13 Observed Incidence[b], 1992-2009														
All Races	1992-01	3.4*	2001-09	-0.5									0.0	-0.5
White	1992-01	3.3*	2001-09	-0.8									-0.3	-0.8
White NH[ef]	1992-01	3.3*	2001-09	-0.6									-0.2	-0.6
Black	1992-00	3.9*	2000-09	-0.6									-0.6	-0.6
Black NH[ef]	1992-00	3.8*	2000-09	-0.4									-0.4	-0.4
API[e]	1992-01	6.3*	2001-09	0.7									1.3	0.7
AI/AN[eg]	1992-09	-0.2											-0.2	-0.2
Hispanic[f]	1992-02	4.5*	2002-09	-1.5*									-0.2	-1.5*
U.S. Cancer Mortality[c], 1975-2009														
All Races	1975-87	0.5*	1987-90	3.1	1990-96	-3.2*	1996-00	-5.7*	2000-09	-1.3*			-1.3*	-1.3*
White	1975-87	0.7*	1987-90	3.0	1990-96	-3.6*	1996-00	-6.0*	2000-09	-1.2*			-1.2*	-1.2*
Black	1975-92	0.5*	1992-09	-2.7*									-2.7*	-2.7*
U.S. Cancer Mortality[c], 1992-2009														
All Races	1992-96	-3.3*	1996-00	-5.6*	2000-09	-1.3*							-1.3*	-1.3*
White	1992-01	-4.6*	2001-09	-1.1*									-1.5*	-1.1*
White NH[ef]	1992-01	-4.7*	2001-09	-0.8									-1.2*	-0.8
Black	1992-01	-3.5*	2001-09	-1.9*									-2.1*	-1.9*
Black NH[ef]	1992-09	-2.8*											-2.8*	-2.8*
API[e]	1992-09	-0.6											-0.6	-0.6
AI/AN[eg]	1992-09	-3.1*											-3.1*	-3.1*
Hispanic[f]	1992-00	-5.0*	2000-09	-0.6									-0.6	-0.6

Joinpoint Regression Program Version 3.5, April 2011, 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.