Table 23.1
Cancer of the Prostate (Invasive)

Trends in SEER Incidence[ab] and U.S. Mortality[c] Using the Joinpoint Regression Program,
1975-2011 With up to Five Joinpoints, 1992-2011 With up to Three Joinpoints,
All Ages 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	2002-11	2007-11
SEER 9 Delay-Adjusted Incidence[a], 1975-2011														
All Races	1975-88	2.6*	1988-92	16.5*	1992-95	-11.6*	1995-00	2.5	2000-11	-1.9*			-1.9*	-1.9*
White	1975-88	2.8*	1988-92	16.3*	1992-95	-12.3*	1995-01	2.1	2001-11	-2.4*			-2.4*	-2.4*
Black	1975-89	2.1*	1989-92	19.3*	1992-11	-1.7*							-1.7*	-1.7*
SEER 13 Delay-Adjusted Incidence[b], 1992-2011														
All Races	1992-95	-11.2*	1995-00	2.3	2000-11	-2.1*							-2.1*	-2.1*
White	1992-95	-11.7*	1995-01	1.9	2001-11	-2.5*							-2.5*	-2.5*
Black	1992-11	-1.9*											-1.9*	-1.9*
SEER 9 Observed Incidence[a], 1975-2011														
All Races	1975-88	2.6*	1988-92	16.4*	1992-95	-11.3*	1995-01	1.8	2001-11	-2.4*			-2.4*	-2.4*
White	1975-88	2.8*	1988-92	16.3*	1992-95	-12.4*	1995-01	2.2	2001-11	-2.7*			-2.7*	-2.7*
Black	1975-89	2.0*	1989-92	21.8*	1992-95	-4.7	1995-08	-1.3*	2008-11	-5.1*			-2.6*	-4.2*
SEER 13 Observed Incidence[b], 1992-2011														
All Races	1992-95	-10.9*	1995-01	1.6	2001-11	-2.5*							-2.5*	-2.5*
White	1992-95	-11.8*	1995-01	2.0	2001-11	-2.7*							-2.7*	-2.7*
White NH[ef]	1992-94	-17.3*	1994-01	1.1	2001-11	-2.5*							-2.5*	-2.5*
Black	1992-11	-2.0*											-2.0*	-2.0*
Black NH[ef]	1992-11	-2.0*											-2.0*	-2.0*
API[e]	1992-97	-6.3*	1997-00	5.5	2000-07	-1.9*	2007-11	-5.7*					-3.6*	-5.7*
AI/AN[eg]	1992-11	-1.9*											-1.9*	-1.9*
Hispanic[f]	1992-95	-5.0	1995-02	1.0	2002-11	-3.4*							-3.4*	-3.4*
U.S. Cancer Mortality[c], 1975-2011														
All Races	1975-87	0.9*	1987-91	3.0*	1991-94	-0.5	1994-99	-4.1*	1999-11	-3.4*			-3.4*	-3.4*
White	1975-87	0.8*	1987-91	3.1*	1991-94	-0.7	1994-99	-4.3*	1999-11	-3.3*			-3.3*	-3.3*
Black	1975-88	1.9*	1988-93	3.3*	1993-01	-2.6*	2001-11	-3.9*					-3.9*	-3.9*
U.S. Cancer Mortality[c], 1992-2011														
All Races	1992-94	-1.0	1994-04	-3.8*	2004-11	-3.2*							-3.3*	-3.2*
White	1992-94	-0.7	1994-99	-4.3*	1999-11	-3.3*							-3.3*	-3.3*
White NH[ef]	1992-94	-0.3	1994-99	-4.3*	1999-11	-3.3*							-3.3*	-3.3*
Black	1992-96	-0.6	1996-11	-3.6*									-3.6*	-3.6*
Black NH[ef]	1992-96	-0.5	1996-11	-3.5*									-3.5*	-3.5*
API[e]	1992-11	-3.4*											-3.4*	-3.4*
AI/AN[eg]	1992-11	-1.5*											-1.5*	-1.5*
Hispanic[f]	1992-94	4.0	1994-11	-2.6*									-2.6*	-2.6*

Joinpoint Regression Program Version 4.1.0, April 2014, 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.