

Table 23.3
Cancer of the Prostate (Invasive)

Trends in SEER Incidence^{ab} and U.S. Mortality^c Using the Joinpoint Regression Program,
1975-2016 With up to Five Joinpoints, 2000-2016 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	2007-16	2012-16
<u>SEER 9 Delay-Adjusted Incidence^a, 1975-2016</u>														
All Races	1975-88	2.5*	1988-92	14.9*	1992-95	-13.3*	1995-07	-0.8*	2007-14	-7.2*	2014-16	3.9	-4.9*	-1.8
White	1975-87	2.3*	1987-92	12.6*	1992-95	-13.5*	1995-07	-0.7	2007-14	-7.3*	2014-16	3.9	-4.9*	-1.9
Black	1975-89	2.0*	1989-92	20.3*	1992-95	-9.0*	1995-09	-2.1*	2009-14	-8.6*	2014-16	4.0	-4.5*	-2.5
<u>SEER 21 Delay-Adjusted Incidence^b, 2000-2016</u>														
All Races	2000-10	-2.5*	2010-14	-8.9*	2014-16	4.8							-3.9	-2.3
White	2000-10	-2.6*	2010-14	-9.1*	2014-16	4.9							-4.0	-2.3
White NH ^{ef}	2000-10	-2.6*	2010-14	-8.9*	2014-16	5.8							-3.7	-1.8
Black	2000-11	-2.7*	2011-14	-9.8*	2014-16	3.8							-3.8*	-3.2
Black NH ^{ef}	2000-11	-2.7*	2011-14	-9.8*	2014-16	4.2							-3.7*	-3.0
API ^e	2000-11	-3.7*	2011-14	-11.6	2014-16	5.6							-4.5	-3.4
AI/AN ^{eg}	2000-16	-2.9*											-2.9*	-2.9*
Hispanic ^f	2000-09	-2.4*	2009-16	-7.1*									-6.1*	-7.1*
<u>U.S. Cancer Mortality^c, 1975-2016</u>														
All Races	1975-85	0.9*	1985-93	2.1*	1993-13	-3.7*	2013-16	-0.1					-2.5*	-1.0
White	1975-87	0.8*	1987-91	3.2*	1991-94	-0.5	1994-98	-4.3*	1998-13	-3.5*	2013-16	0.3	-2.3*	-0.7
Black	1975-88	2.1*	1988-93	3.5*	1993-01	-2.5*	2001-10	-4.0*	2010-14	-5.8*	2014-16	0.9	-3.7*	-2.5
<u>U.S. Cancer Mortality^c, 2000-2016</u>														
All Races	2000-13	-3.6*	2013-16	-0.2									-2.5*	-1.0
White	2000-13	-3.5*	2013-16	0.3									-2.3*	-0.7
White NH ^{ef}	2000-13	-3.5*	2013-16	0.4									-2.2*	-0.6
Black	2000-16	-4.2*											-4.2*	-4.2*
Black NH ^{ef}	2000-16	-4.1*											-4.1*	-4.1*
API ^e	2000-16	-2.7*											-2.7*	-2.7*
AI/AN ^{eg}	2000-16	-1.6*											-1.6*	-1.6*
Hispanic ^f	2000-16	-2.9*											-2.9*	-2.9*

Joinpoint Regression Program Version 4.7, February 2019, 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).

^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 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.