

Table 23.1
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,
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	2007-16	2012-16
<u>SEER 9 Delay-Adjusted Incidence^a, 1975-2016</u>														
All Races	1975-88	2.6*	1988-92	16.1*	1992-95	-9.5	1995-08	-0.2	2008-14	-7.9*	2014-16	3.8	-4.6*	-2.2
White	1975-88	2.8*	1988-92	16.3*	1992-95	-12.5	1995-00	2.5	2000-08	-1.7	2008-16	-5.9*	-5.5*	-5.9*
Black	1975-89	2.0*	1989-92	22.0*	1992-95	-4.7	1995-09	-1.1*	2009-14	-7.8*	2014-16	3.7	-3.9*	-2.2
<u>SEER 21 Delay-Adjusted Incidence^b, 2000-2016</u>														
All Races	2000-10	-1.7*	2010-14	-8.8*	2014-16	3.9							-3.8	-2.7
White	2000-09	-1.5*	2009-14	-7.9*	2014-16	3.0							-4.2	-2.6
White NH ^{ef}	2000-10	-1.8*	2010-14	-9.1*	2014-16	4.9							-3.7	-2.4
Black	2000-11	-1.8*	2011-14	-9.1*	2014-16	3.4							-3.2*	-3.1
Black NH ^{ef}	2000-11	-1.8*	2011-14	-9.1*	2014-16	3.8							-3.1	-2.9
API ^e	2000-11	-2.9*	2011-14	-11.2	2014-16	4.8							-4.1	-3.5
AI/AN ^{eg}	2000-16	-3.0*											-3.0*	-3.0*
Hispanic ^f	2000-09	-1.8*	2009-16	-6.6*									-5.5*	-6.6*
<u>U.S. Cancer Mortality^c, 1975-2016</u>														
All Races	1975-87	0.9*	1987-91	3.0*	1991-94	-0.5	1994-98	-4.2*	1998-13	-3.5*	2013-16	0.0	-2.4*	-0.9
White	1975-87	0.8*	1987-91	3.1*	1991-94	-0.7	1994-99	-4.3*	1999-13	-3.4*	2013-16	0.3	-2.2*	-0.6
Black	1975-88	1.9*	1988-93	3.3*	1993-01	-2.6*	2001-10	-3.9*	2010-14	-5.6*	2014-16	1.2	-3.5*	-2.2
<u>U.S. Cancer Mortality^c, 2000-2016</u>														
All Races	2000-13	-3.5*	2013-16	0.0									-2.4*	-0.9
White	2000-13	-3.4*	2013-16	0.3									-2.2*	-0.6
White NH ^{ef}	2000-13	-3.4*	2013-16	0.4									-2.1*	-0.6
Black	2000-16	-4.0*											-4.0*	-4.0*
Black NH ^{ef}	2000-16	-3.9*											-3.9*	-3.9*
API ^e	2000-16	-2.5*											-2.5*	-2.5*
AI/AN ^{eg}	2000-16	-1.4*											-1.4*	-1.4*
Hispanic ^f	2000-16	-2.8*											-2.8*	-2.8*

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.