

Table 23.2
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	3.1*	1988-92	23.4*	1992-01	3.3*	2001-09	0.2	2009-14	-8.2*	2014-16	2.4	-4.1*	-3.1
White	1975-88	3.5*	1988-92	22.9*	1992-01	3.2*	2001-10	-0.3	2010-13	-11.9*	2013-16	-1.0	-4.5*	-3.8
Black	1975-89	2.0*	1989-93	26.1*	1993-00	3.0*	2000-10	-0.3	2010-14	-7.6*	2014-16	4.1	-2.7	-1.9
<u>SEER 21 Delay-Adjusted Incidence^b, 2000-2016</u>														
All Races	2000-09	0.0	2009-16	-5.7*									-4.4*	-5.7*
White	2000-09	-0.1	2009-16	-6.4*									-5.0*	-6.4*
White NH ^{ef}	2000-09	0.0	2009-16	-6.2*									-4.8*	-6.2*
Black	2000-11	-0.3	2011-14	-8.3	2014-16	2.8							-2.4	-2.9
Black NH ^{ef}	2000-11	-0.2	2011-14	-8.2	2014-16	3.3							-2.2	-2.6
API ^e	2000-09	0.6	2009-16	-5.2*									-4.0*	-5.2*
AI/AN ^{eg}	2000-16	-3.1*											-3.1*	-3.1*
Hispanic ^f	2000-09	-0.1	2009-16	-5.4*									-4.2*	-5.4*
<u>U.S. Cancer Mortality^c, 1975-2016</u>														
All Races	1975-87	0.5*	1987-90	3.1	1990-96	-3.2*	1996-00	-5.8*	2000-13	-1.4*	2013-16	1.1	-0.6	0.4
White	1975-87	0.7*	1987-90	3.6	1990-02	-4.4*	2002-16	-0.8*					-0.8*	-0.8*
Black	1975-92	0.5*	1992-13	-2.9*	2013-16	2.0							-1.3*	0.7
<u>U.S. Cancer Mortality^c, 2000-2016</u>														
All Races	2000-16	-1.1*											-1.1*	-1.1*
White	2000-16	-1.0*											-1.0*	-1.0*
White NH ^{ef}	2000-16	-1.0*											-1.0*	-1.0*
Black	2000-14	-2.5*	2014-16	3.5									-1.2	0.5
Black NH ^{ef}	2000-14	-2.4*	2014-16	3.6									-1.1	0.6
API ^e	2000-16	0.2											0.2	0.2
AI/AN ^{eg}	2000-16	0.2											0.2	0.2
Hispanic ^f	2000-16	-0.6											-0.6	-0.6

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.