

Table 27.15
Cancer of the Urinary Bladder

SEER Incidence (Invasive and *In Situ*) and U.S. Mortality
Age-Adjusted Rates and Trends^a
By Race/Ethnicity and Sex

SEER Incidence	SEER 18 Areas ^b			SEER 13 Areas ^b			SEER 9 Areas ^b		
	Rate 2006-2010			Trend 2001-2010 ^c			Trend 2001-2010 ^d		
	Rate per 100,000 persons			AAPC (%)			AAPC (%)		
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females	Total	Males	Females
All Races	20.7	36.6	8.9	-0.4	-0.1	-0.9*	-0.3	-0.3	-1.0*
White	22.5	39.8	9.5	-0.4	0.0	-0.9*	-0.2	-0.3	-1.0*
White Hispanic ^e	11.8	20.8	5.3	-1.5	-0.3	-0.6	-	-	-
White Non-Hispanic ^e	24.1	42.4	10.1	0.2*	0.1	-0.7*	-	-	-
Black	12.5	21.0	7.1	0.3	0.6*	-0.1	0.2	0.3*	0.2
Asian/Pacific Islander	9.0	16.1	3.9	0.2	0.5*	0.0	-	-	-
Amer Ind/Alaska Nat ^f	7.8	13.7	3.0	-	-	-	-	-	-
Hispanic ^e	11.5	20.2	5.2	-1.5	-0.3	-0.6	-	-	-
<u>U.S. Mortality^g</u>									
	Rate 2006-2010			Trend 2001-2010 ^h					
	Rate per 100,000 persons			AAPC (%)					
RACE/ETHNICITY	Total	Males	Females	Total	Males	Females			
All Races	4.4	7.7	2.2	0.2	0.2	-0.5*			
White	4.6	8.1	2.2	0.3*	0.2*	-0.3*			
White Hispanic ^e	2.5	4.2	1.3	-0.2	-0.4	-0.2			
White Non-Hispanic ^e	4.8	8.4	2.3	0.5*	0.4*	-0.1			
Black	3.7	5.5	2.6	-1.0*	-0.8*	-1.2*			
Asian/Pacific Islander	1.7	2.8	0.9	-0.7	0.0	-1.3			
Amer Ind/Alaska Nat									
Total U.S.	2.1	3.5	1.2	2.2*	-	-			
CHSDA Counties	2.4	4.1	1.2	-	-	-			
Non-CHSDA Counties	1.8	2.8	1.1	-	-	-			
Hispanic ^e	2.4	4.0	1.3	-0.3	-0.4	-0.3			

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.0.3, April 2013, National Cancer Institute.

- Statistic not shown. Rate based on less than 16 cases for the time interval.

Trend based on less than 10 cases for at least one year within the time interval.

a Rates are age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130). Trends

are based on rates age-adjusted to the 2000 US Std Population (19 age groups - Census P25-1130).

b The SEER 9 areas are San Francisco, Connecticut, Detroit, Hawaii, Iowa, New Mexico, Seattle, Utah, and Atlanta.

The SEER 13 areas comprise the SEER 9 areas plus San Jose-Monterey, Los Angeles, the Alaska Native Registry, and Rural Georgia.

The SEER 18 areas comprise the SEER 13 areas plus California excluding SF/SJM/LA, Kentucky, Louisiana, New Jersey, and Georgia excluding ATL/RG.

c The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2010.

d The 2001-2010 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2010.

e 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 2006-2010 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2001-2010 Hispanic and Non-Hispanic mortality trends exclude deaths from Connecticut, the District of Columbia, Maine, Maryland, Minnesota, New Hampshire, New York, North Dakota, Oklahoma, South Carolina and Vermont.

f Incidence data for American Indian/Alaska Native are based on the CHSDA(Contract Health Service Delivery Area) counties.

g US Mortality Files, National Center for Health Statistics, CDC.

h The 2001-2010 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2010.

* The APC is significantly different from zero (p<.05).