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] Rate 2005-2009 Rate per 100,000 persons			SEER 13 Areas[b] Trend 2000-2009[c] AAPC (%)			SEER 9 Areas[b] Trend 2000-2009[d] AAPC (%)		
	Total	Males	Females	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY									
All Races	20.8	37.0	8.9	-0.6	-0.7	-1.0*	-0.5	-0.5	-1.1*
White	22.5	40.0	9.6	-0.7	-0.8	-1.0*	-0.7	-0.6	-1.2*
White Hispanic[e]	11.5	19.8	5.4	-0.6*	-0.8*	-0.7	–	–	–
White Non-Hispanic[e]	24.0	42.7	10.2	-0.4	-0.5	-0.8*	–	–	–
Black	12.6	21.2	7.1	0.3	0.5	0.0	0.2	0.3	0.2
Asian/Pacific Islander	9.2	16.2	4.0	0.3	0.7*	-0.1	–	–	–
Amer Ind/Alaska Nat[f]	8.4	14.8	3.2	–	–	–	–	–	–
Hispanic[e]	11.4	19.6	5.3	-0.5	-0.6	-0.6	–	–	–

U.S. Mortality[g]	Rate 2005-2009 Rate per 100,000 persons			Trend 2000-2009[h] AAPC (%)		
	Total	Males	Females	Total	Males	Females
RACE/ETHNICITY						
All Races	4.4	7.7	2.2	-0.1*	0.1	-0.6*
White	4.5	8.0	2.2	0.1	0.2	-0.4*
White Hispanic[e]	2.3	3.9	1.2	-0.7*	-1.1*	-0.5
White Non-Hispanic[e]	4.7	8.4	2.3	0.4*	0.5*	-0.2
Black	3.7	5.6	2.6	-1.0*	-0.9*	-1.2*
Asian/Pacific Islander	1.7	2.7	0.9	-1.1*	-0.3	-1.9*
Amer Ind/Alaska Nat						
Total U.S.	1.9	3.1	1.1	1.6	–	–
CHSDA Counties	2.1	3.6	1.0	–	–	–
Non-CHSDA Counties	1.7	2.4	1.2	–	–	–
Hispanic[e]	2.3	3.8	1.2	-0.7*	-1.0*	-0.6

　　The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 3.5, April 2011, 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 2000-2009 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2009.
[d] 　The 2000-2009 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2009.
[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 2005-2009 Hispanic and Non-Hispanic death rates exclude deaths from the District of Columbia, North Dakota, and South Carolina. The 2000-2009 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 2000-2009 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2009.
* 　The APC is significantly different from zero (p<.05).