

Table 27.15  
Cancer of the Urinary Bladder

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

| SEER Incidence                    | SEER 18 Areas <sup>b</sup> |       |         | SEER 13 Areas <sup>b</sup>   |       |         | SEER 9 Areas <sup>b</sup>    |       |         |
|-----------------------------------|----------------------------|-------|---------|------------------------------|-------|---------|------------------------------|-------|---------|
|                                   | Rate 2009-2013             |       |         | Trend 2004-2013 <sup>c</sup> |       |         | Trend 2004-2013 <sup>d</sup> |       |         |
|                                   | Rate per 100,000 persons   |       |         | AAPC (%)                     |       |         | AAPC (%)                     |       |         |
| RACE/ETHNICITY                    | Total                      | Males | Females | Total                        | Males | Females | Total                        | Males | Females |
| All Races                         | 20.1                       | 35.3  | 8.6     | -1.0*                        | -1.1* | -1.3*   | -0.8*                        | -0.9* | -1.2*   |
| White                             | 22.0                       | 38.5  | 9.2     | -0.9*                        | -1.1* | -1.3*   | -0.7*                        | -0.9* | -1.0*   |
| White Hispanic <sup>e</sup>       | 11.4                       | 19.9  | 5.2     | -0.3                         | -0.3  | -0.6    | -                            | -     | -       |
| White Non-Hispanic <sup>e</sup>   | 23.6                       | 41.3  | 9.9     | -0.7*                        | -0.9* | -1.1*   | -                            | -     | -       |
| Black                             | 12.6                       | 21.2  | 6.9     | 0.2                          | 0.5*  | -0.4    | 0.2*                         | 0.4*  | 0.1     |
| Asian/Pacific Islander            | 8.8                        | 15.5  | 3.9     | -1.7*                        | -1.8* | -0.2    | -                            | -     | -       |
| Amer Ind/Alaska Nat <sup>f</sup>  | 8.1                        | 14.4  | 3.5     | 1.2                          | 1.4   | 3.6     | -                            | -     | -       |
| Hispanic <sup>e</sup>             | 11.1                       | 19.4  | 5.0     | -0.4                         | -0.3  | -0.6*   | -                            | -     | -       |
| <u>U.S. Mortality<sup>g</sup></u> |                            |       |         |                              |       |         |                              |       |         |
| RACE/ETHNICITY                    | Rate 2009-2013             |       |         | Trend 2004-2013 <sup>h</sup> |       |         |                              |       |         |
|                                   | Rate per 100,000 persons   |       |         | AAPC (%)                     |       |         |                              |       |         |
|                                   | Total                      | Males | Females | Total                        | Males | Females |                              |       |         |
| All Races                         | 4.4                        | 7.7   | 2.2     | 0.0                          | 0.0   | -0.5*   |                              |       |         |
| White                             | 4.6                        | 8.1   | 2.2     | 0.3*                         | 0.2*  | -0.3*   |                              |       |         |
| White Hispanic <sup>e</sup>       | 2.5                        | 4.2   | 1.3     | 0.0                          | -0.2  | -0.1    |                              |       |         |
| White Non-Hispanic <sup>e</sup>   | 4.8                        | 8.4   | 2.3     | 0.3*                         | 0.3*  | -0.2*   |                              |       |         |
| Black                             | 3.6                        | 5.4   | 2.5     | -0.9*                        | -0.8* | -1.3*   |                              |       |         |
| Asian/Pacific Islander            | 1.7                        | 2.9   | 0.9     | -0.6                         | 0.0   | -1.3*   |                              |       |         |
| Amer Ind/Alaska Nat               |                            |       |         |                              |       |         |                              |       |         |
| Total U.S.                        | 1.8                        | 3.1   | 1.0     | 1.1                          | 1.5   | -0.3    |                              |       |         |
| CHSDA Counties                    | 2.1                        | 3.8   | 1.1     | 2.4*                         | 3.5*  | -       |                              |       |         |
| Non-CHSDA Counties                | 1.5                        | 2.4   | 0.9     | -1.0                         | -1.1  | -       |                              |       |         |
| Hispanic <sup>e</sup>             | 2.3                        | 4.0   | 1.2     | -0.2                         | -0.3  | -0.2    |                              |       |         |

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.3.0.0, April 2016, 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 2004-2013 AAPC estimates are based on a Joinpoint analysis with up to 4 Joinpoints over diagnosis years 1992-2013.

d The 2004-2013 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2013.

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 2004-2013 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.

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 2004-2013 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2013.

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