Table 11.15
Cancer of the Kidney and Renal Pelvis (Invasive)

SEER Incidence and U.S. Mortality
Age-Adjusted Rates and Trends
By Race/Ethnicity and Sex

<table>
<thead>
<tr>
<th>RACE/ETHNICITY</th>
<th>SEER Incidence</th>
<th>SEER 18 Areas</th>
<th>SEER 13 Areas</th>
<th>SEER 9 Areas</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Rate 2007-2011</td>
<td>Trend 2002-2011</td>
<td>AAPC (%)</td>
<td>Trend 2002-2011</td>
</tr>
<tr>
<td></td>
<td>Rate per 100,000 persons</td>
<td></td>
<td></td>
<td>AAPC (%)</td>
</tr>
<tr>
<td></td>
<td>Total Males</td>
<td>Females</td>
<td>Total Males</td>
<td>Females</td>
</tr>
</tbody>
</table>

All Races
15.5 21.2 10.7 1.7* 1.7* 1.3* 1.6* 1.7 1.3
White
White Hispanic
15.9 21.7 11.0 1.6* 1.6* 1.3 1.6* 1.6* 1.2
White Non-Hispanic
16.0 21.2 11.8 1.4 0.8 2.8* 14.0 1.6 1.1* -
Black
17.9 24.7 12.7 2.6* 2.7* 2.5* 2.8* 2.9* 2.8*
Asian/Pacific Islander
8.1 11.5 5.5 2.6* 2.5* 3.0* - - -
Amer Ind/Alaska Nat
19.4 25.3 14.5 1.8* 1.8* 1.8* - - -
Hispanic
15.2 20.2 11.2 1.4 0.9 2.7* - - -

U.S. Mortality
<table>
<thead>
<tr>
<th>RACE/ETHNICITY</th>
<th>Rate 2007-2011</th>
<th>Trend 2002-2011</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Rate per 100,000 persons</td>
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</tr>
<tr>
<td></td>
<td>Total Males</td>
<td>Females</td>
</tr>
</tbody>
</table>

All Races
4.0 5.8 2.6 -0.9* -0.8* -0.7* -
White
White Hispanic
3.8 5.4 2.6 -0.4* -0.8* -0.7* 0.1 0.0 0.1
White Non-Hispanic
4.1 5.9 2.6 -0.4* -0.4* -0.7* -
Black
3.9 5.6 2.6 -0.8* -1.4* -0.5* -
Asian/Pacific Islander
2.0 3.0 1.3 0.3 0.5 0.2 -
Amer Ind/Alaska Nat
Total U.S.
4.6 6.5 3.0 -0.6 -0.4 -1.3 -
CHSDA Counties
6.7 9.5 4.4 0.3 0.2 -0.4 -
Non-CHSDA Counties
2.1 3.1 1.3 - - - -
Hispanic
3.6 5.1 2.3 0.0 -0.1 0.1 -

The AAPC is the Average Annual Percent Change over the time interval. The AAPCs are calculated by the Joinpoint Regression Program Version 4.1.0, April 2014, 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.
- 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.
- The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 3 Joinpoints over diagnosis years 1992-2011.
- The 2002-2011 AAPC estimates are based on a Joinpoint analysis with up to 5 Joinpoints over diagnosis years 1975-2011.
- 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 2002-2011 Hispanic and Non-Hispanic mortality trends exclude deaths from New Hampshire and Oklahoma.
- Incidence data for American Indian/Alaska Native are based on the CHSDA (Contract Health Service Delivery Area) counties.
- US Mortality Files, National Center for Health Statistics, CDC.
- The 2002-2011 mortality AAPCs are based on a Joinpoint analysis using years of death 1992-2011.
- The APC is significantly different from zero (p<.05).