

Table 11.21  
Cancer of the Kidney And Renal Pelvis (Invasive)

Estimated United States Cancer Prevalence Counts<sup>a</sup> on January 1, 2012  
By Race/Ethnicity, Sex and Years Since Diagnosis

| Years Since Diagnosis                      |            | 0 to <5 | 5 to <10 | 10 to <15 | 15 to <20 | 20 to <25 | 25 to <30 | 0 to <20 <sup>e</sup> | 0 to <37 <sup>e</sup> | >=37 <sup>g</sup> | Complete <sup>h</sup> |
|--|------------|---------|----------|-----------|-----------|-----------|-----------|-----------------------|-----------------------|-------------------|-----------------------|
| <u>Race</u>                                | <u>Sex</u> |         |          |           |           |           |           |                       |                       |                   |                       |
| All Races <sup>b</sup>                     | Both Sexes | 154,353 | 93,811   | 51,100    | 31,248    | 18,187    | 9,960     | 339,047               | 365,660               | 10,265            | 375,925               |
|  | Males      | 94,867  | 55,938   | 29,534    | 18,295    | 10,017    | 5,667     | 203,620               | 217,927               | 5,756             | 223,683               |
|  | Females    | 59,486  | 37,873   | 21,566    | 12,953    | 8,170     | 4,293     | 135,427               | 147,733               | 4,509             | 152,242               |
| White <sup>b</sup>                         | Both Sexes | 127,833 | 80,333   | 43,767    | 27,102    | 16,237    | 8,794     | 286,582               | 310,261               | 11,564            | 321,825               |
|  | Males      | 79,042  | 48,043   | 25,733    | 16,331    | 9,050     | 5,094     | 173,577               | 186,613               | 5,093             | 191,706               |
|  | Females    | 48,791  | 32,290   | 18,034    | 10,771    | 7,187     | 3,700     | 113,005               | 123,648               | 6,471             | 130,119               |
| Black <sup>b</sup>                         | Both Sexes | 18,611  | 9,480    | 5,438     | 3,156     | 1,524     | 938       | 37,425                | 39,819                | 2,023             | 41,842                |
|  | Males      | 10,872  | 5,572    | 2,698     | 1,432     | 750       | 432       | 21,002                | 22,005                | 689               | 22,694                |
|  | Females    | 7,739   | 3,908    | 2,740     | 1,724     | 774       | 506       | 16,423                | 17,814                | 1,334             | 19,148                |
| Asian/<br>Pacific<br>Islander <sup>c</sup> | Both Sexes | 4,049   | 2,099    | 1,081     | +         | +         | +         | 7,755                 | +                     | +                 | +                     |
|  | Males      | 2,508   | 1,272    | 643       | +         | +         | +         | 4,743                 | +                     | +                 | +                     |
|  | Females    | 1,541   | 827      | 438       | +         | +         | +         | 3,012                 | +                     | +                 | +                     |
| Hispanic <sup>d</sup>                      | Both Sexes | 14,872  | 7,921    | 4,151     | +         | +         | +         | 29,087                | +                     | +                 | +                     |
|  | Males      | 8,530   | 4,456    | 2,294     | +         | +         | +         | 16,449                | +                     | +                 | +                     |
|  | Females    | 6,342   | 3,465    | 1,857     | +         | +         | +         | 12,638                | +                     | +                 | +                     |

Estimated prevalence percent<sup>a</sup> on January 1, 2012, of the SEER<sup>c</sup> population diagnosed in the previous 20 years  
By Age at Prevalence, Race/Ethnicity and Sex

| Age at Prevalence                          |            | Age Specific (Crude) |         |         |         |         |         |         |         |         | Age-Adjusted <sup>f</sup> |          |
|--|------------|----------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------------------------|----------|
|  |            | All Ages             | 0-9     | 10-19   | 20-29   | 30-39   | 40-49   | 50-59   | 60-69   | 70-79   | 80+                       | All Ages |
| <u>Race</u>                                | <u>Sex</u> |                      |         |         |         |         |         |         |         |         |                           |          |
| All Races <sup>c</sup>                     | Both Sexes | 0.0942%              | 0.0073% | 0.0107% | 0.0059% | 0.0150% | 0.0572% | 0.1417% | 0.2885% | 0.4291% | 0.3900%                   | 0.0897%  |
|  | Males      | 0.1156%              | 0.0068% | 0.0096% | 0.0054% | 0.0162% | 0.0712% | 0.1839% | 0.3902% | 0.5855% | 0.5452%                   | 0.1181%  |
|  | Females    | 0.0734%              | 0.0078% | 0.0119% | 0.0064% | 0.0138% | 0.0434% | 0.1014% | 0.1967% | 0.3023% | 0.2982%                   | 0.0660%  |
| White <sup>c</sup>                         | Both Sexes | 0.1038%              | 0.0076% | 0.0115% | 0.0063% | 0.0156% | 0.0612% | 0.1486% | 0.3034% | 0.4595% | 0.4058%                   | 0.0947%  |
|  | Males      | 0.1270%              | 0.0069% | 0.0109% | 0.0057% | 0.0161% | 0.0759% | 0.1900% | 0.4051% | 0.6256% | 0.5734%                   | 0.1241%  |
|  | Females    | 0.0808%              | 0.0082% | 0.0122% | 0.0069% | 0.0150% | 0.0460% | 0.1076% | 0.2084% | 0.3214% | 0.3056%                   | 0.0697%  |
| Black <sup>c</sup>                         | Both Sexes | 0.0830%              | 0.0089% | 0.0124% | 0.0085% | 0.0164% | 0.0606% | 0.1604% | 0.3225% | 0.4353% | 0.3802%                   | 0.0959%  |
|  | Males      | 0.0988%              | 0.0101% | 0.0085% | 0.0072% | 0.0187% | 0.0744% | 0.2159% | 0.4464% | 0.5737% | 0.4852%                   | 0.1243%  |
|  | Females    | 0.0686%              | 0.0077% | 0.0164% | 0.0097% | 0.0144% | 0.0485% | 0.1121% | 0.2252% | 0.3385% | 0.3292%                   | 0.0746%  |
| Asian/<br>Pacific<br>Islander <sup>c</sup> | Both Sexes | 0.0501%              | 0.0040% | 0.0040% | 0.0017% | 0.0078% | 0.0300% | 0.0756% | 0.1593% | 0.2211% | 0.2720%                   | 0.0495%  |
|  | Males      | 0.0637%              | 0.0025% | 0.0033% | 0.0023% | 0.0093% | 0.0367% | 0.1063% | 0.2310% | 0.3114% | 0.3728%                   | 0.0679%  |
|  | Females    | 0.0377%              | 0.0057% | 0.0046% | 0.0012% | 0.0065% | 0.0240% | 0.0493% | 0.0999% | 0.1513% | 0.2104%                   | 0.0352%  |
| Hispanic <sup>d</sup>                      | Both Sexes | 0.0570%              | 0.0060% | 0.0087% | 0.0037% | 0.0150% | 0.0549% | 0.1353% | 0.2792% | 0.4475% | 0.4576%                   | 0.0910%  |
|  | Males      | 0.0633%              | 0.0051% | 0.0072% | 0.0026% | 0.0141% | 0.0630% | 0.1622% | 0.3609% | 0.6133% | 0.5830%                   | 0.1147%  |
|  | Females    | 0.0505%              | 0.0069% | 0.0102% | 0.0050% | 0.0159% | 0.0465% | 0.1095% | 0.2091% | 0.3248% | 0.3826%                   | 0.0724%  |

<sup>a</sup> US 2012 cancer prevalence counts are based on 2012 cancer prevalence proportions from the SEER registries and 1/1/2012 US population estimates based on the average of 2011 and 2012 population estimates from the US Bureau of the Census. Prevalence was calculated using the First Malignant Primary Only for a person.

<sup>b c d</sup> Statistics based on (b) SEER 9 Areas (c) SEER 11 Areas and Rural Georgia (d) NHIA for Hispanic for SEER 11 Areas and Rural Georgia.

<sup>e</sup> Maximum limited-duration prevalence: 37 years for 1975-2012 SEER 9 data; 20 years for 1992-2012 SEER 11 data (used to calculate prevalence for Hispanics and Asian Pacific Islanders).

<sup>f</sup> Percentages are age-adjusted to the 2000 US Standard Population (19 age groups - Census P25-1130) by 5-year age groups.

<sup>g h i</sup> (g) Cases diagnosed more than 37 years ago were estimated using the completeness index method (Capocaccia et. al. 1997, Merrill et. al. 2000). (h) Complete prevalence is obtained by summing 0 to <37 and >=37. (i) Age-specific completeness index was approximated using empirical data from historical Connecticut tumor registry.

- Statistic not shown. Statistic based on fewer than 5 cases estimated alive in SEER for the time interval.

+ Not available.