

Table 38-3

**Kidney and renal pelvis — Five-year relative survival ratios, October 2011 CCR file, by sex, population aged 15 to 99, 3 years of cases, selected provinces<sup>1,2</sup>**

| Primary<br>site of<br>cancer                                 | 3 years of cases              |                            |                 |                               |                            |                 |                               |                            |                 |
|--------------------------------------------------------------|-------------------------------|----------------------------|-----------------|-------------------------------|----------------------------|-----------------|-------------------------------|----------------------------|-----------------|
|                                                              | Both sexes                    |                            |                 | Males                         |                            |                 | Females                       |                            |                 |
|                                                              | Relative<br>survival<br>ratio | 95% confidence<br>interval |                 | Relative<br>survival<br>ratio | 95% confidence<br>interval |                 | Relative<br>survival<br>ratio | 95% confidence<br>interval |                 |
|                                                              |                               | Low                        | High            |                               | Low                        | High            |                               | Low                        | High            |
|                                                              |                               |                            |                 |                               |                            |                 |                               |                            |                 |
| percent                                                      |                               |                            |                 |                               |                            |                 |                               |                            |                 |
| Kidney and renal pelvis (ICD-O-3: C64.9, C65.9) <sup>3</sup> |                               |                            |                 |                               |                            |                 |                               |                            |                 |
| Newfoundland and Labrador                                    |                               |                            |                 |                               |                            |                 |                               |                            |                 |
| 1992/1994                                                    | 69 <sup>E</sup>               | 58 <sup>E</sup>            | 77 <sup>E</sup> | 61 <sup>E</sup>               | 47 <sup>E</sup>            | 74 <sup>E</sup> | 78 <sup>E</sup>               | 63 <sup>E</sup>            | 89 <sup>E</sup> |
| 1993/1995                                                    | 67 <sup>E</sup>               | 58 <sup>E</sup>            | 75 <sup>E</sup> | 60 <sup>E</sup>               | 48 <sup>E</sup>            | 72 <sup>E</sup> | 75 <sup>E</sup>               | 62 <sup>E</sup>            | 85 <sup>E</sup> |
| 1994/1996                                                    | 71 <sup>E</sup>               | 62 <sup>E</sup>            | 79 <sup>E</sup> | 62 <sup>E</sup>               | 50 <sup>E</sup>            | 74 <sup>E</sup> | 81 <sup>E</sup>               | 68 <sup>E</sup>            | 90 <sup>E</sup> |
| 1995/1997                                                    | 69 <sup>E</sup>               | 60 <sup>E</sup>            | 77 <sup>E</sup> | 59 <sup>E</sup>               | 47 <sup>E</sup>            | 70 <sup>E</sup> | 82 <sup>E</sup>               | 69 <sup>E</sup>            | 92 <sup>E</sup> |
| 1996/1998                                                    | 70 <sup>E</sup>               | 60 <sup>E</sup>            | 78 <sup>E</sup> | 64 <sup>E</sup>               | 52 <sup>E</sup>            | 75 <sup>E</sup> | 81 <sup>E</sup>               | 65 <sup>E</sup>            | 92 <sup>E</sup> |
| 1997/1999                                                    | 66 <sup>E</sup>               | 56 <sup>E</sup>            | 74 <sup>E</sup> | 63 <sup>E</sup>               | 51 <sup>E</sup>            | 74 <sup>E</sup> | 72 <sup>E</sup>               | 55 <sup>E</sup>            | 84 <sup>E</sup> |
| 1998/2000                                                    | 63 <sup>E</sup>               | 54 <sup>E</sup>            | 71 <sup>E</sup> | 65 <sup>E</sup>               | 54 <sup>E</sup>            | 75 <sup>E</sup> | 58 <sup>E</sup>               | 42 <sup>E</sup>            | 71 <sup>E</sup> |
| 1999/2001                                                    | 61 <sup>E</sup>               | 52 <sup>E</sup>            | 69 <sup>E</sup> | 68 <sup>E</sup>               | 56 <sup>E</sup>            | 78 <sup>E</sup> | 52 <sup>E</sup>               | 39 <sup>E</sup>            | 64 <sup>E</sup> |
| 2000/2002                                                    | 62 <sup>E</sup>               | 54 <sup>E</sup>            | 70 <sup>E</sup> | 67 <sup>E</sup>               | 55 <sup>E</sup>            | 77 <sup>E</sup> | 57 <sup>E</sup>               | 44 <sup>E</sup>            | 68 <sup>E</sup> |
| 2001/2003                                                    | 67 <sup>E</sup>               | 58 <sup>E</sup>            | 74 <sup>E</sup> | 70 <sup>E</sup>               | 57 <sup>E</sup>            | 80 <sup>E</sup> | 63 <sup>E</sup>               | 51 <sup>E</sup>            | 74 <sup>E</sup> |
| Prince Edward Island                                         |                               |                            |                 |                               |                            |                 |                               |                            |                 |
| 1992/1994                                                    | 49                            | 31                         | 66              | 42                            | 22                         | 63              | 63                            | 29                         | 92              |
| 1993/1995                                                    | 43                            | 28                         | 59              | 37                            | 19                         | 56              | 56                            | 27                         | 81              |
| 1994/1996                                                    | 53                            | 37                         | 68              | 47                            | 27                         | 66              | 62                            | 36                         | 82              |
| 1995/1997                                                    | 50                            | 35                         | 64              | 44                            | 25                         | 63              | 57                            | 35                         | 76              |
| 1996/1998                                                    | 60                            | 45                         | 74              | 53                            | 33                         | 72              | 69                            | 45                         | 86              |
| 1997/1999                                                    | 62                            | 47                         | 75              | 55                            | 37                         | 72              | 74                            | 47                         | 93              |
| 1998/2000                                                    | 57                            | 41                         | 71              | 49                            | 31                         | 66              | 73                            | 43                         | 93              |
| 1999/2001                                                    | 48                            | 32                         | 63              | 46                            | 28                         | 64              | 51                            | 21                         | 78              |
| 2000/2002                                                    | 32                            | 19                         | 47              | 31                            | 14                         | 49              | 36                            | 13                         | 60              |
| 2001/2003                                                    | 43                            | 29                         | 57              | 37                            | 20                         | 55              | 53                            | 28                         | 75              |
| Nova Scotia                                                  |                               |                            |                 |                               |                            |                 |                               |                            |                 |
| 1992/1994                                                    | 63                            | 56                         | 69              | 62                            | 54                         | 71              | 63                            | 53                         | 73              |
| 1993/1995                                                    | 64                            | 57                         | 70              | 62                            | 53                         | 70              | 66                            | 56                         | 75              |
| 1994/1996                                                    | 66                            | 59                         | 72              | 67                            | 58                         | 76              | 64                            | 54                         | 73              |
| 1995/1997                                                    | 66                            | 60                         | 71              | 68                            | 60                         | 75              | 62                            | 53                         | 71              |
| 1996/1998                                                    | 65                            | 59                         | 70              | 64                            | 56                         | 71              | 66                            | 56                         | 75              |
| 1997/1999                                                    | 63                            | 58                         | 69              | 61                            | 53                         | 68              | 68                            | 59                         | 76              |
| 1998/2000                                                    | 62                            | 56                         | 68              | 58                            | 50                         | 65              | 68                            | 59                         | 76              |
| 1999/2001                                                    | 63                            | 58                         | 68              | 61                            | 54                         | 68              | 66                            | 57                         | 73              |
| 2000/2002                                                    | 63                            | 57                         | 68              | 64                            | 57                         | 71              | 61                            | 52                         | 69              |
| 2001/2003                                                    | 62                            | 57                         | 67              | 63                            | 56                         | 69              | 62                            | 54                         | 70              |
| New Brunswick                                                |                               |                            |                 |                               |                            |                 |                               |                            |                 |
| 1992/1994                                                    | 58                            | 51                         | 64              | 57                            | 48                         | 66              | 58                            | 48                         | 67              |
| 1993/1995                                                    | 54                            | 48                         | 60              | 53                            | 45                         | 61              | 55                            | 45                         | 65              |
| 1994/1996                                                    | 55                            | 48                         | 61              | 53                            | 45                         | 61              | 58                            | 47                         | 67              |
| 1995/1997                                                    | 56                            | 50                         | 62              | 55                            | 47                         | 63              | 58                            | 48                         | 67              |
| 1996/1998                                                    | 60                            | 53                         | 66              | 58                            | 49                         | 67              | 61                            | 52                         | 70              |
| 1997/1999                                                    | 61                            | 55                         | 67              | 60                            | 52                         | 68              | 62                            | 52                         | 71              |
| 1998/2000                                                    | 64                            | 57                         | 70              | 63                            | 55                         | 71              | 64                            | 54                         | 73              |
| 1999/2001                                                    | 69                            | 63                         | 75              | 69                            | 61                         | 76              | 70                            | 60                         | 78              |
| 2000/2002                                                    | 67                            | 61                         | 72              | 64                            | 56                         | 71              | 71                            | 62                         | 79              |
| 2001/2003                                                    | 69                            | 63                         | 75              | 66                            | 58                         | 73              | 75                            | 65                         | 82              |
| Ontario                                                      |                               |                            |                 |                               |                            |                 |                               |                            |                 |
| 1992/1994                                                    | 64                            | 62                         | 66              | 63                            | 60                         | 65              | 66                            | 62                         | 69              |
| 1993/1995                                                    | 64                            | 62                         | 66              | 64                            | 62                         | 67              | 64                            | 61                         | 67              |
| 1994/1996                                                    | 64                            | 62                         | 66              | 65                            | 62                         | 67              | 64                            | 61                         | 67              |
| 1995/1997                                                    | 65                            | 63                         | 67              | 65                            | 62                         | 67              | 65                            | 62                         | 68              |
| 1996/1998                                                    | 65                            | 63                         | 67              | 64                            | 62                         | 67              | 67                            | 64                         | 70              |
| 1997/1999                                                    | 66                            | 64                         | 68              | 66                            | 63                         | 68              | 67                            | 64                         | 70              |
| 1998/2000                                                    | 68                            | 66                         | 70              | 68                            | 65                         | 70              | 68                            | 65                         | 71              |
| 1999/2001                                                    | 69                            | 68                         | 71              | 70                            | 67                         | 72              | 69                            | 66                         | 72              |
| 2000/2002                                                    | 69                            | 68                         | 71              | 69                            | 66                         | 71              | 71                            | 68                         | 73              |
| 2001/2003                                                    | 71                            | 69                         | 72              | 69                            | 67                         | 71              | 73                            | 70                         | 75              |

See footnotes at the end of the table.

Table 38-3 – continued

**Kidney and renal pelvis — Five-year relative survival ratios, October 2011 CCR file, by sex, population aged 15 to 99, 3 years of cases, selected provinces<sup>1,2</sup>**

| Primary<br>site of<br>cancer | 3 years of cases              |                            |      |                               |                            |      |                               |                            |      |
|------------------------------|-------------------------------|----------------------------|------|-------------------------------|----------------------------|------|-------------------------------|----------------------------|------|
|                              | Both sexes                    |                            |      | Males                         |                            |      | Females                       |                            |      |
|                              | Relative<br>survival<br>ratio | 95% confidence<br>interval |      | Relative<br>survival<br>ratio | 95% confidence<br>interval |      | Relative<br>survival<br>ratio | 95% confidence<br>interval |      |
|                              |                               | Low                        | High |                               | Low                        | High |                               | Low                        | High |
|                              |                               |                            |      |                               |                            |      |                               |                            |      |
| percent                      |                               |                            |      |                               |                            |      |                               |                            |      |
| <b>Manitoba</b>              |                               |                            |      |                               |                            |      |                               |                            |      |
| 1992/1994                    | 52                            | 47                         | 58   | 51                            | 44                         | 58   | 55                            | 46                         | 63   |
| 1993/1995                    | 52                            | 46                         | 57   | 53                            | 46                         | 60   | 50                            | 41                         | 58   |
| 1994/1996                    | 51                            | 45                         | 56   | 49                            | 43                         | 56   | 53                            | 44                         | 62   |
| 1995/1997                    | 53                            | 48                         | 59   | 52                            | 45                         | 59   | 55                            | 46                         | 64   |
| 1996/1998                    | 54                            | 49                         | 60   | 51                            | 44                         | 58   | 60                            | 50                         | 69   |
| 1997/1999                    | 57                            | 51                         | 62   | 55                            | 48                         | 62   | 61                            | 51                         | 69   |
| 1998/2000                    | 59                            | 53                         | 64   | 55                            | 49                         | 62   | 64                            | 55                         | 73   |
| 1999/2001                    | 59                            | 54                         | 64   | 57                            | 50                         | 63   | 63                            | 54                         | 70   |
| 2000/2002                    | 61                            | 56                         | 66   | 58                            | 51                         | 65   | 64                            | 56                         | 72   |
| 2001/2003                    | 60                            | 54                         | 65   | 57                            | 50                         | 64   | 63                            | 55                         | 71   |
| <b>Saskatchewan</b>          |                               |                            |      |                               |                            |      |                               |                            |      |
| 1992/1994                    | 51                            | 45                         | 57   | 49                            | 42                         | 57   | 54                            | 44                         | 64   |
| 1993/1995                    | 54                            | 48                         | 61   | 54                            | 46                         | 62   | 55                            | 44                         | 64   |
| 1994/1996                    | 54                            | 48                         | 60   | 58                            | 50                         | 66   | 48                            | 39                         | 57   |
| 1995/1997                    | 58                            | 52                         | 64   | 63                            | 54                         | 70   | 52                            | 43                         | 61   |
| 1996/1998                    | 58                            | 52                         | 64   | 61                            | 53                         | 69   | 54                            | 45                         | 63   |
| 1997/1999                    | 59                            | 53                         | 65   | 58                            | 49                         | 66   | 60                            | 51                         | 69   |
| 1998/2000                    | 62                            | 56                         | 68   | 62                            | 54                         | 70   | 61                            | 52                         | 70   |
| 1999/2001                    | 62                            | 56                         | 68   | 61                            | 53                         | 69   | 63                            | 54                         | 71   |
| 2000/2002                    | 61                            | 55                         | 67   | 61                            | 54                         | 68   | 60                            | 51                         | 69   |
| 2001/2003                    | 61                            | 55                         | 67   | 64                            | 56                         | 71   | 57                            | 48                         | 65   |
| <b>Alberta</b>               |                               |                            |      |                               |                            |      |                               |                            |      |
| 1992/1994                    | 57                            | 53                         | 61   | 57                            | 52                         | 62   | 58                            | 51                         | 64   |
| 1993/1995                    | 59                            | 55                         | 63   | 59                            | 53                         | 64   | 61                            | 54                         | 67   |
| 1994/1996                    | 63                            | 59                         | 67   | 61                            | 56                         | 66   | 65                            | 58                         | 71   |
| 1995/1997                    | 62                            | 58                         | 65   | 60                            | 55                         | 65   | 64                            | 58                         | 70   |
| 1996/1998                    | 62                            | 58                         | 66   | 60                            | 55                         | 64   | 66                            | 59                         | 71   |
| 1997/1999                    | 61                            | 58                         | 65   | 60                            | 55                         | 64   | 64                            | 58                         | 70   |
| 1998/2000                    | 62                            | 59                         | 66   | 60                            | 55                         | 64   | 66                            | 60                         | 72   |
| 1999/2001                    | 63                            | 59                         | 67   | 61                            | 57                         | 66   | 66                            | 60                         | 71   |
| 2000/2002                    | 63                            | 60                         | 67   | 63                            | 58                         | 67   | 64                            | 58                         | 69   |
| 2001/2003                    | 62                            | 58                         | 66   | 62                            | 58                         | 67   | 62                            | 56                         | 67   |
| <b>British Columbia</b>      |                               |                            |      |                               |                            |      |                               |                            |      |
| 1992/1994                    | 59                            | 56                         | 63   | 58                            | 54                         | 63   | 61                            | 55                         | 67   |
| 1993/1995                    | 60                            | 56                         | 63   | 59                            | 55                         | 64   | 60                            | 54                         | 66   |
| 1994/1996                    | 61                            | 57                         | 64   | 60                            | 55                         | 64   | 62                            | 56                         | 67   |
| 1995/1997                    | 60                            | 56                         | 63   | 59                            | 55                         | 63   | 60                            | 55                         | 66   |
| 1996/1998                    | 58                            | 54                         | 61   | 57                            | 52                         | 61   | 60                            | 54                         | 65   |
| 1997/1999                    | 55                            | 52                         | 59   | 55                            | 51                         | 60   | 55                            | 50                         | 61   |
| 1998/2000                    | 55                            | 52                         | 59   | 56                            | 51                         | 60   | 54                            | 48                         | 60   |
| 1999/2001                    | 57                            | 53                         | 60   | 59                            | 54                         | 63   | 53                            | 48                         | 59   |
| 2000/2002                    | 57                            | 54                         | 61   | 59                            | 55                         | 64   | 54                            | 48                         | 59   |
| 2001/2003                    | 58                            | 55                         | 61   | 59                            | 55                         | 63   | 56                            | 51                         | 61   |

1. Data from Quebec have been excluded because of issues in correctly ascertaining the vital status of cases.

2. In the years under study, there was a known under reporting of cancer cases in Newfoundland and Labrador. There is likely to be some overestimation of survival for this province as the survival of such "missed" cases is generally less favourable than that of cases in the registry population. As such, survival estimates from the province of Newfoundland and Labrador should be treated with caution.

3. Excluding morphology types M-9050 to M-9055; M-9140; M-9590 to M-9989.

**Note(s):** See "Data quality, concepts and methodology — Footnotes" section. Please note that CANSIM tables also provide the number of cases on which analyses were based, the number of deaths within the first five years of follow-up, as well as estimates of observed survival and their corresponding 95% confidence intervals. Survival estimates based on cases from individual years are available through CANSIM tables.

**Source(s):** Statistics Canada, Canadian Cancer Registry (CCR), Canadian Vital Statistics (Death Database) and life tables (CANSIM table 103-1574).