

Table 6-2

**Gum and other mouth — Age-standardized five-year relative survival ratios, October 2011 CCR file, by sex, population aged 15 to 99, 3 years of cases, Canada and 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                                                                                 |                               |                            |      |                               |                            |      |                               |                            |      |
| Gum and other mouth (ICD-O-3:<br>C03.0-C03.9, C05.0-C05.9,<br>C06.0-C06.9) <sup>3</sup> |                               |                            |      |                               |                            |      |                               |                            |      |
| 1992/1994                                                                               |                               |                            |      |                               |                            |      |                               |                            |      |
| Canada                                                                                  | 57                            | 54                         | 61   | 54                            | 49                         | 59   | 64                            | 59                         | 68   |
| Newfoundland and Labrador                                                               | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Prince Edward Island                                                                    | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Nova Scotia                                                                             | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| New Brunswick                                                                           | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Ontario                                                                                 | 62                            | 57                         | 67   | 60                            | 52                         | 68   | 67                            | 60                         | 73   |
| Manitoba                                                                                | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Saskatchewan                                                                            | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Alberta                                                                                 | 54                            | 43                         | 64   | 56                            | 39                         | 72   | 55                            | 41                         | 67   |
| British Columbia                                                                        | 47                            | 39                         | 55   | 42                            | 31                         | 54   | 58                            | 46                         | 68   |
| 1993/1995                                                                               |                               |                            |      |                               |                            |      |                               |                            |      |
| Canada                                                                                  | 54                            | 51                         | 58   | 51                            | 46                         | 56   | 60                            | 55                         | 65   |
| Newfoundland and Labrador                                                               | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Prince Edward Island                                                                    | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Nova Scotia                                                                             | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| New Brunswick                                                                           | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Ontario                                                                                 | 58                            | 53                         | 63   | 54                            | 47                         | 61   | 64                            | 57                         | 71   |
| Manitoba                                                                                | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Saskatchewan                                                                            | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Alberta                                                                                 | 49                            | 39                         | 59   | F                             | F                          | F    | F                             | F                          | F    |
| British Columbia                                                                        | 52                            | 43                         | 60   | 57                            | 44                         | 69   | F                             | F                          | F    |
| 1994/1996                                                                               |                               |                            |      |                               |                            |      |                               |                            |      |
| Canada                                                                                  | 55                            | 52                         | 59   | 54                            | 49                         | 59   | 61                            | 56                         | 65   |
| Newfoundland and Labrador                                                               | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Prince Edward Island                                                                    | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Nova Scotia                                                                             | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| New Brunswick                                                                           | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Ontario                                                                                 | 57                            | 52                         | 62   | 53                            | 46                         | 60   | 65                            | 58                         | 71   |
| Manitoba                                                                                | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Saskatchewan                                                                            | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Alberta                                                                                 | 46                            | 37                         | 55   | F                             | F                          | F    | 47                            | 31                         | 61   |
| British Columbia                                                                        | 59                            | 50                         | 67   | 65                            | 51                         | 78   | F                             | F                          | F    |
| 1995/1997                                                                               |                               |                            |      |                               |                            |      |                               |                            |      |
| Canada                                                                                  | 56                            | 52                         | 59   | 51                            | 46                         | 55   | 63                            | 58                         | 68   |
| Newfoundland and Labrador                                                               | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Prince Edward Island                                                                    | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Nova Scotia                                                                             | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| New Brunswick                                                                           | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Ontario                                                                                 | 57                            | 52                         | 62   | 48                            | 41                         | 54   | 69                            | 61                         | 75   |
| Manitoba                                                                                | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Saskatchewan                                                                            | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Alberta                                                                                 | 44                            | 36                         | 52   | 40                            | 30                         | 50   | 50                            | 37                         | 62   |
| British Columbia                                                                        | 59                            | 51                         | 67   | 57                            | 46                         | 68   | F                             | F                          | F    |
| 1996/1998                                                                               |                               |                            |      |                               |                            |      |                               |                            |      |
| Canada                                                                                  | 57                            | 53                         | 60   | 51                            | 46                         | 56   | 66                            | 61                         | 71   |
| Newfoundland and Labrador                                                               | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Prince Edward Island                                                                    | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Nova Scotia                                                                             | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| New Brunswick                                                                           | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Ontario                                                                                 | 59                            | 53                         | 63   | 52                            | 45                         | 59   | 70                            | 63                         | 77   |
| Manitoba                                                                                | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Saskatchewan                                                                            | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Alberta                                                                                 | 47                            | 38                         | 56   | F                             | F                          | F    | 59                            | 49                         | 68   |
| British Columbia                                                                        | 59                            | 51                         | 66   | 51                            | 40                         | 61   | F                             | F                          | F    |

See footnotes at the end of the table.

Table 6-2 – continued

**Gum and other mouth — Age-standardized five-year relative survival ratios, October 2011 CCR file, by sex, population aged 15 to 99, 3 years of cases, Canada and 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                      |                               |                            |      |                               |                            |      |                               |                            |      |
| 1997/1999                    |                               |                            |      |                               |                            |      |                               |                            |      |
| Canada                       | 58                            | 54                         | 61   | 52                            | 47                         | 57   | 68                            | 63                         | 72   |
| Newfoundland and Labrador    | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Prince Edward Island         | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Nova Scotia                  | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| New Brunswick                | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Ontario                      | 58                            | 53                         | 62   | 54                            | 47                         | 60   | 67                            | 59                         | 73   |
| Manitoba                     | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Saskatchewan                 | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Alberta                      | 55                            | 45                         | 65   | 52                            | 37                         | 66   | 63                            | 51                         | 73   |
| British Columbia             | 60                            | 52                         | 67   | 50                            | 39                         | 60   | 71                            | 60                         | 81   |
| 1998/2000                    |                               |                            |      |                               |                            |      |                               |                            |      |
| Canada                       | 61                            | 58                         | 65   | 56                            | 51                         | 61   | 68                            | 63                         | 73   |
| Newfoundland and Labrador    | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Prince Edward Island         | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Nova Scotia                  | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| New Brunswick                | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Ontario                      | 62                            | 57                         | 66   | 59                            | 52                         | 66   | 67                            | 60                         | 73   |
| Manitoba                     | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Saskatchewan                 | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Alberta                      | 62                            | 52                         | 72   | 58                            | 43                         | 71   | 68                            | 54                         | 80   |
| British Columbia             | 64                            | 56                         | 72   | F                             | F                          | F    | 72                            | 61                         | 82   |
| 1999/2001                    |                               |                            |      |                               |                            |      |                               |                            |      |
| Canada                       | 62                            | 58                         | 65   | 59                            | 54                         | 63   | 67                            | 62                         | 71   |
| Newfoundland and Labrador    | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Prince Edward Island         | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Nova Scotia                  | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| New Brunswick                | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Ontario                      | 62                            | 57                         | 67   | 62                            | 55                         | 69   | 65                            | 58                         | 71   |
| Manitoba                     | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Saskatchewan                 | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Alberta                      | 63                            | 52                         | 72   | 63                            | 48                         | 75   | F                             | F                          | F    |
| British Columbia             | 62                            | 53                         | 69   | F                             | F                          | F    | 68                            | 56                         | 78   |
| 2000/2002                    |                               |                            |      |                               |                            |      |                               |                            |      |
| Canada                       | 61                            | 57                         | 64   | 59                            | 54                         | 64   | 64                            | 59                         | 69   |
| Newfoundland and Labrador    | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Prince Edward Island         | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Nova Scotia                  | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| New Brunswick                | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Ontario                      | 62                            | 57                         | 66   | 62                            | 55                         | 68   | 63                            | 56                         | 70   |
| Manitoba                     | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Saskatchewan                 | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Alberta                      | 59                            | 49                         | 69   | 61                            | 46                         | 75   | F                             | F                          | F    |
| British Columbia             | 65                            | 57                         | 73   | F                             | F                          | F    | 67                            | 55                         | 78   |
| 2001/2003                    |                               |                            |      |                               |                            |      |                               |                            |      |
| Canada                       | 59                            | 56                         | 63   | 58                            | 53                         | 63   | 64                            | 59                         | 69   |
| Newfoundland and Labrador    | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Prince Edward Island         | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Nova Scotia                  | 65                            | 51                         | 78   | F                             | F                          | F    | F                             | F                          | F    |
| New Brunswick                | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Ontario                      | 59                            | 54                         | 64   | 59                            | 52                         | 66   | 63                            | 55                         | 70   |
| Manitoba                     | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Saskatchewan                 | F                             | F                          | F    | F                             | F                          | F    | F                             | F                          | F    |
| Alberta                      | 56                            | 45                         | 66   | 65                            | 49                         | 80   | F                             | F                          | F    |
| British Columbia             | 66                            | 58                         | 74   | F                             | F                          | F    | F                             | F                          | F    |

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 103-1572).