

1-, 3- and 5-year Age-Specific Observed Survival and Relative Survival (Table 1) and associated 95% Confidence Intervals (Table 2) for Breast, Colorectal (Colon, Rectal), Lung and Prostate

Table 1: Survival Estimates

| Cancer Type | Age Group | Observed Survival Rate % | | | Relative Survival Rate Ratio % | | |
|-----------------|-----------|--------------------------|--------|-------------|--------------------------------|--------|-------------|
| | | 1 Year | 3 Year | 5 Year | 1 Year | 3 Year | 5 Year |
| Breast (Female) | 15-44 | 99.6 | 93.7 | 89.1 | 99.7 | 93.9 | 89.5 |
| | 45-54 | 98.9 | 94.7 | 90.5 | 99.1 | 95.3 | 91.5 |
| | 55-64 | 98.1 | 92.3 | 87.4 | 98.5 | 93.6 | 89.7 |
| | 65-74 | 96.1 | 90.7 | 83.4 | 97.2 | 94.0 | 89.1 |
| | 75-99 | 87.4 | 74.2 | 61.9 | 92.6 | 88.5 | 84.7 |
| Colorectal | 15-44 | 94.9 | 77.8 | 73.2 | 95.0 | 78.1 | 73.7 |
| | 45-54 | 94.3 | 78.9 | 72.3 | 94.5 | 79.6 | 73.4 |
| | 55-64 | 92.5 | 78.5 | 70.3 | 93.0 | 80.1 | 72.8 |
| | 65-74 | 89.0 | 76.8 | 68.6 | 90.3 | 80.6 | 75.0 |
| | 75-99 | 69.8 | 52.4 | 39.8 | 74.1 | 63.9 | 56.8 |
| Colon | 15-44 | 95.4 | 77.4 | 59.6 - 80.7 | 95.5 | 77.6 | 60.0 - 81.1 |
| | 45-54 | 93.2 | 78.8 | 73.9 | 93.5 | 79.4 | 75.1 |
| | 55-64 | 92.0 | 78.1 | 69.6 | 92.5 | 79.6 | 72.1 |
| | 65-74 | 87.9 | 75.7 | 67.0 | 89.2 | 79.4 | 73.2 |
| | 75-99 | 69.9 | 53.1 | 39.9 | 74.3 | 64.9 | 57.3 |
| Rectal | 15-44 | 94.5 | 78.9 | 70.1 | 94.6 | 79.1 | 70.5 |
| | 45-54 | 93.2 | 80.9 | 73.5 | 93.4 | 81.6 | 74.7 |
| | 55-64 | 91.8 | 77.9 | 67.6 | 92.3 | 79.4 | 70.2 |
| | 65-74 | 88.7 | 74.8 | 66.0 | 90.0 | 78.5 | 72.4 |
| | 75-99 | 75.7 | 53.3 | 41.5 | 80.5 | 65.1 | 59.2 |
| Lung | 15-44 | § | § | § | § | § | § |
| | 45-54 | 57.4 | 36.8 | 31.4 | 57.5 | 37.1 | 31.9 |
| | 55-64 | 53.9 | 31.3 | 24.2 | 54.2 | 31.9 | 25.0 |
| | 65-74 | 46.2 | 26.0 | 19.3 | 46.8 | 27.3 | 21.0 |
| | 75-99 | 34.8 | 17.0 | 12.2 | 36.7 | 20.3 | 16.4 |
| Prostate | 15-54 | 98.0 | 95.8 | 94.2 | 98.3 | 96.9 | 96.1 |
| | 55-64 | 97.8 | 93.9 | 91.0 | 98.5 | 96.2 | 95.1 |
| | 65-74 | 96.3 | 91.7 | 87.6 | 97.9 | 96.9 | 96.9 |
| | 75-84 | 92.2 | 80.3 | 70.1 | 96.3 | 92.9 | 91.7 |
| | 85-99 | 68.9 | 38.8 | 25.0 | 79.0 | 59.1 | 42.8 - 65.7 |

NOTE: ' -- ' Not applicable. If the standard error of a survival rate is between 0.05 and 0.1, the 95% confidence interval of the rate is shown in the table. If it is > 0.1 or is not estimable due to a small number of cases or events then the survival rate is suppressed and denotes as §. Survival rates include age at diagnosis 15 - 99.

Please refer to the Introduction and Technical Notes in the Survival section of our website for further information

Data Source: BC Cancer Registry Date Retrieved: 02JAN2018

Analysis by: Cancer Surveillance and Outcomes, Population Oncology

Table 2: 95% Confidence Interval (CI)

| Cancer Type | Age Group | 95% CI of Observed Survival Rate | | | 95% CI of Relative Survival Rate Ratio | | |
|-----------------|-----------|----------------------------------|-------------|-------------|--|-------------|-------------|
| | | % | | | % | | |
| | | 1 Year | 3 Year | 5 Year | 1 Year | 3 Year | 5 Year |
| Breast (Female) | 15-44 | 97.4 - 99.9 | 89.9 - 96.1 | 84.7 - 92.3 | 97.5 - 100.0 | 90.1 - 96.3 | 85.1 - 92.7 |
| | 45-54 | 97.6 - 99.5 | 92.6 - 96.2 | 87.9 - 92.6 | 97.8 - 99.7 | 93.1 - 96.8 | 88.9 - 93.6 |
| | 55-64 | 96.8 - 98.8 | 90.3 - 94.0 | 85.0 - 89.5 | 97.2 - 99.2 | 91.5 - 95.3 | 87.2 - 91.8 |
| | 65-74 | 94.6 - 97.2 | 88.5 - 92.5 | 80.6 - 85.9 | 95.7 - 98.3 | 91.7 - 95.9 | 86.0 - 91.7 |
| | 75-99 | 84.4 - 89.8 | 70.5 - 77.5 | 58.0 - 65.6 | 89.5 - 95.2 | 84.1 - 92.4 | 79.3 - 89.7 |
| Colorectal | 15-44 | 88.3 - 97.9 | 68.6 - 84.7 | 63.7 - 80.6 | 88.3 - 97.9 | 68.8 - 84.9 | 64.0 - 81.1 |
| | 45-54 | 90.7 - 96.5 | 73.5 - 83.4 | 66.4 - 77.4 | 90.9 - 96.8 | 74.1 - 84.1 | 67.5 - 78.6 |
| | 55-64 | 90.1 - 94.3 | 75.0 - 81.6 | 66.3 - 73.8 | 90.7 - 94.8 | 76.5 - 83.3 | 68.7 - 76.5 |
| | 65-74 | 86.8 - 90.8 | 73.9 - 79.5 | 65.2 - 71.6 | 88.1 - 92.1 | 77.5 - 83.4 | 71.3 - 78.3 |
| | 75-99 | 67.1 - 72.4 | 49.5 - 55.2 | 37.0 - 42.6 | 71.2 - 76.8 | 60.4 - 67.3 | 52.8 - 60.8 |
| Colon | 15-44 | 86.4 - 98.5 | 65.7 - 85.4 | 59.6 - 80.7 | 86.5 - 98.6 | 66.0 - 85.7 | 60.0 - 81.1 |
| | 45-54 | 88.1 - 96.2 | 71.7 - 84.3 | 66.5 - 80.0 | 88.3 - 96.4 | 72.3 - 85.0 | 67.5 - 81.2 |
| | 55-64 | 89.0 - 94.2 | 73.7 - 81.9 | 64.8 - 74.0 | 89.5 - 94.7 | 75.2 - 83.5 | 67.1 - 76.6 |
| | 65-74 | 85.2 - 90.1 | 72.2 - 78.8 | 63.0 - 70.6 | 86.5 - 91.4 | 75.8 - 82.7 | 68.9 - 77.2 |
| | 75-99 | 66.8 - 72.8 | 49.8 - 56.2 | 36.7 - 43.0 | 71.0 - 77.3 | 61.0 - 68.7 | 52.7 - 61.8 |
| Rectal | 15-44 | 89.2 - 97.2 | 71.0 - 84.8 | 60.7 - 77.6 | 89.3 - 97.3 | 71.2 - 85.1 | 61.1 - 78.1 |
| | 45-54 | 90.2 - 95.3 | 76.6 - 84.5 | 68.7 - 77.8 | 90.4 - 95.5 | 77.3 - 85.2 | 69.8 - 79.0 |
| | 55-64 | 89.7 - 93.5 | 74.8 - 80.7 | 64.1 - 70.9 | 90.2 - 94.1 | 76.3 - 82.3 | 66.5 - 73.5 |
| | 65-74 | 86.5 - 90.5 | 71.8 - 77.4 | 62.8 - 69.1 | 87.8 - 91.8 | 75.5 - 81.4 | 68.9 - 75.7 |
| | 75-99 | 72.9 - 78.2 | 50.2 - 56.3 | 38.4 - 44.5 | 77.6 - 83.2 | 61.3 - 68.7 | 54.9 - 63.6 |
| Lung | 15-44 | § | § | § | § | § | § |
| | 45-54 | 49.1 - 64.8 | 28.8 - 44.8 | 23.9 - 39.2 | 49.2 - 65.0 | 29.0 - 45.1 | 24.3 - 39.8 |
| | 55-64 | 49.8 - 57.8 | 27.5 - 35.2 | 20.6 - 27.9 | 50.1 - 58.1 | 28.0 - 35.8 | 21.3 - 28.9 |
| | 65-74 | 43.1 - 49.1 | 23.4 - 28.8 | 16.9 - 21.8 | 43.7 - 49.8 | 24.5 - 30.1 | 18.3 - 23.7 |
| | 75-99 | 32.3 - 37.3 | 15.0 - 19.1 | 10.4 - 14.1 | 34.1 - 39.4 | 17.9 - 22.8 | 14.0 - 19.1 |
| Prostate | 15-54 | 92.2 - 99.5 | 90.2 - 98.3 | 88.5 - 97.1 | 92.5 - 99.8 | 91.2 - 99.4 | 90.3 - 99.1 |
| | 55-64 | 96.2 - 98.7 | 91.9 - 95.5 | 88.7 - 92.8 | 96.9 - 99.4 | 94.1 - 97.8 | 92.7 - 97.0 |
| | 65-74 | 95.0 - 97.3 | 89.9 - 93.2 | 85.6 - 89.3 | 96.5 - 98.9 | 95.0 - 98.4 | 94.6 - 98.8 |
| | 75-84 | 89.8 - 94.0 | 77.1 - 83.1 | 66.6 - 73.3 | 93.9 - 98.3 | 89.2 - 96.1 | 87.1 - 95.8 |
| | 85-99 | 62.4 - 74.5 | 32.8 - 44.7 | 19.9 - 30.5 | 71.5 - 85.5 | 50.0 - 68.2 | 42.8 - 65.7 |

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