

1-, 3- and 5-year Observed Survival and Age-Standardized Relative Survival (Table 1) and associated 95% Confidence Intervals (Table 2), by Stage at Diagnosis for Breast, Colorectal (Colon, Rectum), Prostate and Lung, 2017*

Table 1: Survival Estimates

Cancer Type	Cancer Stage	Observed Survival Rate %			Age-standardized Relative Survival Rate Ratio %		
		1 Year	3 Year	5 Year	1 Year	3 Year	5 Year
Breast (Female)	Stage I	99.0	96.0	92.8	100.5	100.5	100.9
	Stage II	97.9	91.8	84.5	99.6	96.5	91.6
	Stage III	94.6	79.5	67.3	95.5	82.0	70.6
	Stage IV	67.6	38.9	22.2	68.4	40.4	24.0
	Stage UNK	75.2	60.1	51.3	82.5	73.5	68.2
Colorectal	Stage I	96.3	90.8	84.0	98.6	98.5	97.7
	Stage II	91.9	82.1	72.5	95.9	91.8	88.0
	Stage III	89.8	73.5	62.7	92.7	80.2	72.9
	Stage IV	49.3	19.9	11.9	53.0	22.5	14.2
	Stage UNK	70.0	56.5	48.9	81.3	73.2	69.1
Colon	Stage I	95.8	90.2	83.3	98.4	98.1	97.3
	Stage II	91.7	82.4	72.7	96.1	92.9	89.7
	Stage III	87.9	71.2	61.4	91.8	79.6	73.5
	Stage IV	47.5	18.6	11.1	51.9	21.6	13.6
	Stage UNK	64.7	52.6	44.8	79.1	72.3	68.5
Rectum	Stage I	97.0	90.9	84.3	98.9	97.8	96.3
	Stage II	92.5	80.1	70.8	95.2	86.6	80.9
	Stage III	93.5	78.3	65.4	94.6	81.9	72.0
	Stage IV	56.5	24.2	14.4	57.5	25.2	15.4
	Stage UNK	84.2	68.3	59.9	88.7	78.2	72.9
Lung	Stage I	87.3	66.6	53.2	91.4	76.4	66.3
	Stage II	70.5	44.8	34.7	77.7	54.2	45.2
	Stage III	50.6	21.8	15.1	57.0	28.7	22.6
	Stage IV	23.1	7.4	4.4	27.8	9.5	5.7
	Stage UNK	35.5	20.6	16.3	48.1	36.9	31.3
Prostate	Stage I	97.3	92.7	89.6	99.3	98.7	100.4
	Stage II	97.8	92.8	87.8	100.3	100.6	101.1
	Stage III	99.1	95.6	90.6	101.0	100.1	101.2
	Stage IV	80.5	52.2	37.8	87.0	63.3	49.6
	Stage UNK	86.5	72.8	64.1	95.0	90.4	87.8

NOTE: * The end year of the most recent period that varies for different cancer types. -- 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](#) for further information.

Data Source: BC Cancer Registry Date Retrieved: 17DEC2019

Analysis by: Cancer Surveillance and Outcomes, Data & Analytics

Table 2: 95% Confidence Intervals (CI)

Cancer Type	Cancer Stage	95% CI of Observed Survival Rate %			95% CI of Age-standardized Relative Survival Rate Ratio %		
		1 Year	3 Year	5 Year	1 Year	3 Year	5 Year
Breast (Female)	Stage I	98.7 - 99.2	95.5 - 96.5	92.1 - 93.5	100.1 - 100.8	99.7 - 101.2	99.7 - 102.0
	Stage II	97.5 - 98.3	91.0 - 92.5	83.4 - 85.6	99.0 - 100.1	95.4 - 97.6	89.9 - 93.3
	Stage III	93.3 - 95.6	77.5 - 81.4	64.9 - 69.5	93.9 - 96.8	79.3 - 84.5	67.2 - 73.9
	Stage IV	64.0 - 70.9	35.3 - 42.5	19.0 - 25.5	64.8 - 71.7	36.5 - 44.4	20.1 - 28.2
	Stage UNK	70.1 - 79.5	54.9 - 64.9	46.4 - 56.0	77.9 - 86.3	68.0 - 78.4	62.1 - 73.7
Colorectal	Stage I	95.5 - 97.0	89.6 - 91.9	82.4 - 85.5	97.8 - 99.3	97.2 - 99.7	95.7 - 99.6
	Stage II	90.8 - 92.8	80.6 - 83.4	70.8 - 74.1	95.0 - 96.7	90.3 - 93.2	85.9 - 90.0
	Stage III	88.7 - 90.7	72.0 - 74.9	61.0 - 64.4	91.7 - 93.6	78.6 - 81.8	70.7 - 74.9
	Stage IV	47.2 - 51.4	18.3 - 21.5	10.6 - 13.3	50.9 - 55.0	20.7 - 24.3	12.6 - 15.9
	Stage UNK	67.5 - 72.4	53.8 - 59.1	46.2 - 51.5	79.3 - 83.1	70.6 - 75.6	66.1 - 71.9
Colon	Stage I	94.9 - 96.6	88.8 - 91.5	81.3 - 85.0	97.4 - 99.1	96.5 - 99.5	94.9 - 99.4
	Stage II	90.5 - 92.8	80.8 - 84.0	70.8 - 74.5	95.0 - 96.9	91.2 - 94.5	87.4 - 91.9
	Stage III	86.5 - 89.1	69.3 - 73.0	59.3 - 63.3	90.5 - 92.9	77.6 - 81.5	71.0 - 75.9
	Stage IV	45.1 - 49.8	16.9 - 20.4	9.7 - 12.6	49.5 - 54.3	19.5 - 23.7	11.8 - 15.6
	Stage UNK	61.4 - 67.8	49.2 - 55.9	41.4 - 48.1	76.5 - 81.5	68.8 - 75.6	64.5 - 72.3
Rectum	Stage I	95.5 - 98.0	88.5 - 92.9	80.9 - 87.1	97.1 - 100.1	94.9 - 100.0	92.0 - 99.8
	Stage II	90.0 - 94.4	76.6 - 83.0	67.0 - 74.2	92.8 - 97.0	82.8 - 89.9	76.0 - 85.2
	Stage III	91.9 - 94.8	75.7 - 80.7	62.3 - 68.3	92.7 - 96.1	78.8 - 84.8	67.9 - 75.8
	Stage IV	52.2 - 60.7	20.7 - 27.8	11.6 - 17.6	53.2 - 61.5	21.6 - 29.1	12.2 - 19.0
	Stage UNK	80.5 - 87.2	64.1 - 72.2	55.5 - 64.0	85.6 - 91.3	74.0 - 82.0	67.9 - 77.4
Lung	Stage I	85.9 - 88.6	64.5 - 68.5	50.9 - 55.4	90.0 - 92.7	74.3 - 78.4	63.6 - 68.9
	Stage II	67.5 - 73.2	41.7 - 47.9	31.6 - 37.7	74.7 - 80.4	50.3 - 58.0	41.1 - 49.3
	Stage III	48.7 - 52.5	20.2 - 23.4	13.7 - 16.6	54.6 - 59.4	26.2 - 31.3	20.1 - 25.1
	Stage IV	22.1 - 24.1	6.7 - 8.0	3.9 - 5.0	26.2 - 29.3	8.4 - 10.7	4.9 - 6.7
	Stage UNK	31.7 - 39.3	17.6 - 23.9	13.6 - 19.2	42.1 - 53.9	30.4 - 43.5	25.1 - 37.7
Prostate	Stage I	96.4 - 98.0	91.4 - 93.9	88.0 - 91.0	98.1 - 100.2	96.5 - 100.5	97.1 - 103.2
	Stage II	97.3 - 98.1	92.1 - 93.4	86.9 - 88.6	99.9 - 100.7	99.8 - 101.4	99.7 - 102.4
	Stage III	98.5 - 99.5	94.4 - 96.5	89.0 - 92.0	99.6 - 101.7	97.5 - 102.1	97.2 - 104.3
	Stage IV	78.5 - 82.3	49.7 - 54.6	35.3 - 40.4	84.7 - 89.1	59.7 - 66.7	45.4 - 53.8
	Stage UNK	84.2 - 88.6	70.1 - 75.3	61.6 - 66.6	93.4 - 96.3	87.9 - 92.7	84.9 - 90.4

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.

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