

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, Rectal), Prostate and Lung

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	96.1	92.9	100.5	100.6	100.9
	Stage II	98.0	92.0	84.5	99.7	97.0	91.6
	Stage III	95.0	79.6	67.7	95.9	81.9	71.2
	Stage IV	67.6	37.9	21.3	68.0	39.1	22.1
	Stage UNK	71.2	56.7	47.3	78.2	70.0	63.8
Colorectal	Stage I	96.4	90.3	83.3	98.9	98.3	97.0
	Stage II	91.6	81.8	72.0	95.5	91.5	87.4
	Stage III	89.5	72.9	62.0	92.5	80.0	72.6
	Stage IV	50.1	20.1	11.8	54.0	22.9	14.2
	Stage UNK	69.5	56.0	48.7	81.4	73.7	70.0
Colon	Stage I	96.2	90.3	83.3	98.8	98.4	97.5
	Stage II	91.2	82.2	72.0	95.5	92.5	88.8
	Stage III	87.7	70.5	60.3	91.6	79.0	72.4
	Stage IV	48.2	19.1	11.0	52.9	22.3	13.6
	Stage UNK	64.3	52.3	45.4	78.8	72.4	69.1
Rectal	Stage I	96.9	89.8	82.2	99.2	97.1	94.0
	Stage II	93.1	80.1	71.1	95.5	86.4	81.2
	Stage III	93.3	78.2	65.8	94.5	82.3	73.0
	Stage IV	57.9	23.9	14.7	58.9	25.0	15.6
	Stage UNK	82.2	66.1	57.2	87.7	77.2	71.8
Lung	Stage I	87.6	66.5	52.9	91.2	75.9	65.6
	Stage II	72.0	44.9	35.6	78.8	54.5	46.4
	Stage III	49.8	20.9	14.6	55.8	26.7	20.9
	Stage IV	22.6	7.3	4.4	26.8	9.3	5.5
	Stage UNK	34.6	20.4	16.3	47.6	36.1	31.2
Prostate	Stage I	97.5	94.0	91.0	99.6	100.1	101.5
	Stage II	97.7	93.3	88.8	100.2	100.9	101.6
	Stage III	98.9	95.5	90.8	100.4	99.9	101.5
	Stage IV	80.4	52.3	37.6	87.2	62.7	49.3
	Stage UNK	86.8	74.7	66.1	95.7	92.2	89.5

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: 13JAN2019

Analysis by: Cancer Surveillance and Outcomes, Population Oncology

Table 2: 95% Confidence Intervals (CI)

		95% CI of Observed Survival Rate %			95% CI of Age-standardized Relative Survival Rate Ratio %		
Cancer Type	Cancer Stage	1 Year	3 Year	5 Year	1 Year	3 Year	5 Year
Breast (Female)	Stage I	98.7 - 99.2	95.6 - 96.6	92.1 - 93.6	100.1 - 100.8	99.8 - 101.2	99.6 - 102.0
	Stage II	97.6 - 98.4	91.2 - 92.7	83.3 - 85.6	99.1 - 100.2	95.8 - 98.0	89.7 - 93.4
	Stage III	93.8 - 96.0	77.5 - 81.4	65.2 - 70.0	94.4 - 97.2	79.1 - 84.4	67.5 - 74.6
	Stage IV	63.9 - 70.9	34.2 - 41.5	17.9 - 25.0	64.3 - 71.5	35.1 - 43.1	18.1 - 26.4
	Stage UNK	66.3 - 75.5	51.9 - 61.3	42.6 - 51.8	73.4 - 82.4	64.5 - 74.9	57.7 - 69.5
Colorectal	Stage I	95.6 - 97.0	89.0 - 91.4	81.4 - 85.0	98.2 - 99.5	97.0 - 99.5	94.6 - 99.1
	Stage II	90.5 - 92.6	80.4 - 83.2	70.2 - 73.7	94.5 - 96.3	89.9 - 92.9	85.1 - 89.5
	Stage III	88.4 - 90.5	71.4 - 74.4	60.2 - 63.8	91.5 - 93.4	78.3 - 81.6	70.3 - 74.8
	Stage IV	48.1 - 52.1	18.5 - 21.8	10.5 - 13.3	52.0 - 56.0	21.1 - 24.8	12.5 - 16.0
	Stage UNK	67.0 - 71.9	53.3 - 58.6	46.0 - 51.4	79.3 - 83.2	71.2 - 76.1	66.9 - 72.9
Colon	Stage I	95.2 - 96.9	88.8 - 91.6	81.1 - 85.3	98.0 - 99.5	96.8 - 99.8	94.7 - 99.9
	Stage II	90.0 - 92.3	80.6 - 83.7	69.9 - 74.0	94.4 - 96.4	90.8 - 94.1	86.3 - 91.2
	Stage III	86.4 - 89.0	68.6 - 72.3	58.1 - 62.4	90.4 - 92.8	76.9 - 80.9	69.7 - 75.1
	Stage IV	45.8 - 50.4	17.3 - 20.9	9.5 - 12.7	50.5 - 55.2	20.2 - 24.5	11.7 - 15.8
	Stage UNK	60.9 - 67.4	48.8 - 55.6	41.9 - 48.7	76.1 - 81.4	68.8 - 75.6	65.0 - 73.0
Rectal	Stage I	95.3 - 98.0	87.0 - 92.0	78.2 - 85.5	97.5 - 100.3	94.1 - 99.5	88.9 - 98.2
	Stage II	90.8 - 94.8	76.7 - 83.0	67.2 - 74.7	93.2 - 97.3	82.6 - 89.6	76.1 - 85.8
	Stage III	91.6 - 94.6	75.6 - 80.7	62.4 - 69.0	92.6 - 96.1	79.1 - 85.1	68.6 - 77.1
	Stage IV	53.6 - 61.8	20.5 - 27.5	11.7 - 18.0	54.8 - 62.9	21.3 - 28.8	12.2 - 19.3
	Stage UNK	78.6 - 85.3	62.0 - 69.9	52.8 - 61.4	84.4 - 90.4	73.1 - 80.9	66.7 - 76.4
Lung	Stage I	86.1 - 88.9	64.4 - 68.5	50.4 - 55.4	89.6 - 92.7	73.6 - 78.1	62.5 - 68.7
	Stage II	69.1 - 74.7	41.8 - 48.0	32.3 - 38.8	76.1 - 81.3	50.7 - 58.2	42.1 - 50.7
	Stage III	47.8 - 51.7	19.3 - 22.5	13.2 - 16.1	53.3 - 58.2	24.0 - 29.6	18.1 - 23.8
	Stage IV	21.6 - 23.7	6.7 - 8.0	3.8 - 5.0	25.2 - 28.4	8.2 - 10.5	4.7 - 6.5
	Stage UNK	30.9 - 38.4	17.4 - 23.6	13.5 - 19.2	42.0 - 52.9	30.3 - 42.0	25.2 - 37.5
Prostate	Stage I	96.6 - 98.2	92.7 - 95.1	89.3 - 92.4	98.4 - 100.4	97.8 - 101.8	97.7 - 104.5
	Stage II	97.3 - 98.0	92.6 - 93.9	88.0 - 89.6	99.8 - 100.6	100.1 - 101.7	100.0 - 103.1
	Stage III	98.2 - 99.3	94.3 - 96.5	89.1 - 92.3	98.8 - 101.2	97.4 - 101.8	97.6 - 104.5
	Stage IV	78.3 - 82.3	49.7 - 54.8	34.8 - 40.4	84.8 - 89.2	59.1 - 66.3	44.6 - 53.8
	Stage UNK	84.6 - 88.7	72.3 - 76.9	63.7 - 68.4	94.4 - 96.9	90.1 - 94.1	86.9 - 91.8

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