

Statistics by Cancer Type - Prostate

General Summary

Prostate cancer accounts for 12% of all cancer diagnoses in BC men.

In 2020, an estimated 3490 BC males will be newly diagnosed with prostate cancer.

One in 9 males is expected to develop prostate cancer during their lifetime and one in 29 males is expected to die of prostate cancer.

An estimated 90% of BC men diagnosed with prostate cancer will be over the age of 60 when they are diagnosed.

Number of New Prostate Cancer Cases Diagnosed in 2017

Age at Diagnosis	Total
0-19	0
20-39	0
40-59	395
60-79	2250
80+	490
Total	3135

Due to rounding, totals may not equal the sum of individual values

Number of Prostate Cancer Deaths in 2017

Age at Death	Total
0-19	0
20-39	0
40-59	15
60-79	260
80+	370
Total	640

Due to rounding, totals may not equal the sum of individual values

Incidence Rates (per 100,000 population) for Prostate Cancer Cases Diagnosed in 2017

Age at Diagnosis	Total
0-19	0.0
20-39	0.0
40-59	58.4
60-79	465.3
80+	533.8
Total	128.8

Mortality Rates (per 100,000 population) for Prostate Cancer Deaths in 2017

Age at Death	Total
0-19	0.0
20-39	0.0
40-59	2.1
60-79	53.5
80+	403.7
Total	26.4

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Estimated New Prostate Cancer Diagnoses in 2020 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	0	0	60	545	120	730
Fraser	0	0	135	805	175	1125
Coastal	0	0	75	490	120	685
Island	0	0	65	580	135	775
Northern	0	0	25	140	25	180
BC	0	0	365	2560	570	3490

*Due to rounding and unknown health authority of residence at time of diagnosis for some cases, totals may not equal the sum of individual values

1-, 3- and 5-year Observed Survival and Age-standardized Relative Survival for BC Adults (age 15-99) Diagnosed with Prostate Cancer

	Observed Survival Proportion %			Relative Survival Proportion %		
	1 Year	3 Year	5 Year	1 Year	3 Year	5 Year
Survival Proportion	94.8	84.5	77.6	97.6	92.7	90.4
95% Confidence Interval	94.0 - 95.5	83.1 - 85.8	76.1 - 79.1	96.7 - 98.3	91.0 - 94.1	88.3 - 92.4