

Statistics by Cancer Type - Prostate

General Summary

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

In 2021, an estimated 3630 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 89% 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 2018

Age at Diagnosis	Total
0-19	0
20-39	5
40-59	410
60-79	2445
80+	475
Total	3330

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

Number of Prostate Cancer Deaths in 2018

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 2018

Age at Diagnosis	Total
0-19	0.0
20-39	0.1
40-59	60.9
60-79	487.9
80+	501.4
Total	134.5

Mortality Rates (per 100,000 population) for Prostate Cancer Deaths in 2018

Age at Death	Total
0-19	0.0
20-39	0.0
40-59	1.6
60-79	51.7
80+	394.3
Total	25.9

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Estimated New Prostate Cancer Diagnoses in 2021 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	0	0	65	580	120	765
Fraser	0	0	150	890	175	1220
Coastal	0	0	80	505	115	700
Island	0	0	65	575	125	770
Northern	0	0	20	130	20	175
BC	0	0	395	2685	555	3630

*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