

Statistics by Cancer Type - Prostate

General Summary

Prostate cancer accounts for 9% of all cancer diagnoses in BC men.

In 2018, an estimated 2560 BC males will be newly diagnosed with prostate cancer and 610 will die of it.

One in 8 males is expected to develop prostate cancer during their lifetime and one in 26 males is expected to die of prostate cancer (98% will die after the age of 60).

An estimated 88% 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 2015

Age at Diagnosis	Total
0-19	0
20-39	0
40-59	350
60-79	1820
80+	490
Total	2665

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

Number of Prostate Cancer Deaths in 2015

Age at Death	Total
0-19	0
20-39	0
40-59	15
60-79	220
80+	325
Total	570

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

Incidence Rates (per 100,000 population) for Prostate Cancer Cases Diagnosed in 2015

Age at Diagnosis	Total
0-19	0.0
20-39	0.0
40-59	53.0
60-79	406.6
80+	557.7
Total	114.4

Mortality Rates (per 100,000 population) for Prostate Cancer Deaths in 2015

Age at Death	Total
0-19	0.0
20-39	0.0
40-59	2.3
60-79	50.0
80+	372.5
Total	24.3

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Estimated New Prostate Cancer Diagnoses in 2018 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	0	0	45	345	90	485
Fraser	0	0	120	590	145	855
Coastal	0	0	70	360	100	525
Island	0	0	55	410	105	570
Northern	0	0	20	100	20	135
BC	0	0	310	1795	460	2565

*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

Estimated Prostate Cancer Deaths in 2018 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	0	0	0	60	85	145
Fraser	0	0	5	80	105	190
Coastal	0	0	5	45	70	115
Island	0	0	5	50	70	125
Northern	0	0	0	20	20	40
BC	0	0	10	245	355	615

*Due to rounding and unknown health authority of residence at time of death 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	93.4	85.2	79.4	96.6	93.6	92.5
95% Confidence Interval	92.3 - 94.3	83.8 - 86.4	77.9 - 80.8	95.6 - 97.5	92.0 - 94.9	90.6 - 94.3