



Statistics by Cancer Type - Prostate

General Summary

Prostate cancer accounts for 10% of all cancer diagnoses in BC men.

In 2017, an estimated 2800 BC males will be newly diagnosed with prostate cancer and 620 will die of it.

One in 8 males is expected to develop prostate cancer during their lifetime and one in 29 males is expected to die of prostate cancer (97% will die after the age of 60).

An estimated 86% 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 2014

Age at Diagnosis	Total
0-19	5
20-39	0
40-59	350
60-79	1875
80+	480
Total	2705

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

Number of Prostate Cancer Deaths in 2014

Age at Death	Total
0-19	0
20-39	0
40-59	15
60-79	235
80+	370
Total	620

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

Incidence Rates (per 100,000 population) for Prostate Cancer Cases Diagnosed in 2014

Age at Diagnosis	Total
0-19	0.2
20-39	0.2
40-59	53
60-79	433
80+	563.1
Total	117.4

Mortality Rates (per 100,000 population) for Prostate Cancer Deaths in 2014

Age at Death	Total
0-19	0
20-39	0.2
40-59	2.6
60-79	53.4
80+	433.8
Total	26.8



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Estimated New Prostate Cancer Diagnoses in 2017 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	0	0	55	370	90	510
Fraser	0	0	140	650	140	930
Coastal	0	0	80	390	95	570
Island	0	0	65	440	110	610
Northern	0	0	20	110	20	150
BC	0	0	360	1950	450	2800

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 2017 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	0	0	0	55	85	140
Fraser	0	0	5	75	110	190
Coastal	0	0	5	40	70	120
Island	0	0	0	50	75	130
Northern	0	0	0	20	20	40
BC	0	0	15	240	360	620

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	94.1	86.2	79.8	97.2	94.3	92.8
95% Confidence Interval	93.2 - 94.9	84.9 - 87.4	78.4 - 81.2	96.1 - 97.9	92.8 - 95.5	90.9 - 94.4