

## Statistics by Cancer Type - Prostate

### General Summary

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

In 2018, an estimated 2600 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 26 males is expected to die of prostate cancer (98% will die after the age of 60).

An estimated 87% 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
<b>Total</b>	<b>2665</b>

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
<b>Total</b>	<b>570</b>

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
<b>Total</b>	<b>114.4</b>

### 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
<b>Total</b>	<b>24.3</b>

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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	50	340	90	480
Fraser	0	0	120	590	140	850
Coastal	0	0	70	360	100	530
Island	0	0	55	410	110	570
Northern	0	0	20	95	20	140
<b>BC</b>	<b>0</b>	<b>0</b>	<b>310</b>	<b>1800</b>	<b>460</b>	<b>2600</b>

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	50	70	120
Fraser	0	0	5	80	110	190
Coastal	0	0	5	55	85	140
Island	0	0	0	50	75	130
Northern	0	0	0	15	15	30
<b>BC</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>250</b>	<b>360</b>	<b>620</b>

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	93.5	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