

## Statistics by Cancer Type - Kidney

### General Summary

In 2019, an estimated 760 British Columbians will be newly diagnosed with kidney cancer and 245 will die of it. Almost 66% of those diagnosed with kidney cancer will be male.

One in 97 females and one in 53 males is expected to develop kidney cancer during their lifetime.

One in 268 females and one in 145 males is expected to die of kidney cancer.

### Number of New Kidney Cancer Cases Diagnosed in 2016

Age at Diagnosis	Males	Females	Total
0-19	5	5	10
20-39	15	10	25
40-59	115	75	190
60-79	305	135	440
80+	55	45	100
<b>Total</b>	<b>495</b>	<b>265</b>	<b>765</b>

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

### Number of Kidney Cancer Deaths in 2016

Age at Death	Males	Females	Total
0-19	0	0	0
20-39	0	0	0
40-59	25	5	35
60-79	80	30	105
80+	45	35	80
<b>Total</b>	<b>150</b>	<b>70</b>	<b>220</b>

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

### Incidence Rates (per 100,000 population) for Kidney Cancer Cases Diagnosed in 2016

Age at Diagnosis	Males	Females	Total
0-19	1.2	1.1	1.1
20-39	2.0	1.6	1.8
40-59	17.5	10.9	14.1
60-79	65.6	27.7	46.3
80+	61.2	36.2	46.7
<b>Total</b>	<b>21.0</b>	<b>11.2</b>	<b>16.1</b>

### Mortality Rates (per 100,000 population) for Kidney Cancer Deaths in 2016

Age at Death	Males	Females	Total
0-19	0.0	0.0	0.0
20-39	0.0	0.0	0.0
40-59	4.0	1.3	2.6
60-79	17.0	5.4	11.1
80+	50.3	27.5	37.1
<b>Total</b>	<b>6.4</b>	<b>2.9</b>	<b>4.6</b>

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### Estimated New Kidney Cancer Diagnoses in 2019 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	0	5	20	85	30	140
Fraser	10	10	60	145	40	255
Coastal	0	0	40	100	35	175
Island	0	5	25	90	30	150
Northern	0	0	5	20	5	40
<b>BC</b>	<b>5</b>	<b>20</b>	<b>165</b>	<b>435</b>	<b>140</b>	<b>760</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 Kidney Cancer Deaths in 2019 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	0	0	10	30	20	60
Fraser	0	0	15	35	25	80
Coastal	0	0	5	20	20	40
Island	0	0	5	25	25	55
Northern	0	0	0	10	5	15
<b>BC</b>	<b>0</b>	<b>0</b>	<b>40</b>	<b>115</b>	<b>90</b>	<b>245</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 Kidney Cancer

	Observed Survival Proportion %			Relative Survival Proportion %		
	1 Year	3 Year	5 Year	1 Year	3 Year	5 Year
Survival Proportion	80.7	68.0	60.2	82.3	72.2	66.8
95% Confidence Interval	79.2 - 82.2	66.1 - 69.7	58.2 - 62.1	80.8 - 83.8	70.2 - 74.2	64.4 - 69.1