



## Statistics by Cancer Type - Kidney

### General Summary

In 2017, an estimated 680 British Columbians will be newly diagnosed with kidney cancer and 230 will die of it. Almost 66% of those diagnosed with kidney cancer will be male.

One in 111 females and one in 56 males is expected to develop kidney cancer during their lifetime.

One in 299 females and one in 148 males is expected to die of kidney cancer.

### Number of New Kidney Cancer Cases Diagnosed in 2014

Age at Diagnosis	Males	Females	Total
0-19	5	0	5
20-39	10	5	20
40-59	125	50	170
60-79	230	100	325
80+	85	40	120
<b>Total</b>	<b>445</b>	<b>200</b>	<b>645</b>

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

### Number of Kidney Cancer Deaths in 2014

Age at Death	Males	Females	Total
0-19	0	0	0
20-39	0	0	0
40-59	20	10	25
60-79	85	30	110
80+	40	20	65
<b>Total</b>	<b>140</b>	<b>60</b>	<b>205</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 2014

Age at Diagnosis	Males	Females	Total
0-19	0.6	0.4	0.5
20-39	1.6	1.1	1.4
40-59	18.4	7.5	12.9
60-79	53.2	21.9	37.3
80+	96.4	32	58.5
<b>Total</b>	<b>19.4</b>	<b>8.4</b>	<b>13.9</b>

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

Age at Death	Males	Females	Total
0-19	0	0	0
20-39	0	0	0
40-59	2.9	1.5	2.2
60-79	19.2	6.5	12.7
80+	45.8	18.9	30
<b>Total</b>	<b>6.1</b>	<b>2.7</b>	<b>4.4</b>



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### Estimated New Kidney 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	25	75	25	130
Fraser	0	5	60	120	40	230
Coastal	0	5	40	85	30	160
Island	0	0	25	75	25	130
Northern	0	0	10	20	5	35
<b>BC</b>	<b>5</b>	<b>15</b>	<b>150</b>	<b>370</b>	<b>130</b>	<b>680</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 2017 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	0	0	5	30	20	55
Fraser	0	0	10	40	25	75
Coastal	0	0	5	20	15	40
Island	0	0	5	30	15	50
Northern	0	0	0	5	0	15
<b>BC</b>	<b>0</b>	<b>0</b>	<b>30</b>	<b>125</b>	<b>75</b>	<b>230</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	79.8	66.7	59.2	81.7	71.3	66.3
95% Confidence Interval	78.1 - 81.3	64.7 - 68.6	57.1 - 61.3	80.1 - 83.3	69.2 - 73.2	63.9 - 68.5