

## Statistics by Cancer Type - Kidney

### General Summary

In 2020, an estimated 820 British Columbians will be newly diagnosed with kidney cancer.

Almost 65% of those diagnosed with kidney cancer will be male.

One in 94 females and one in 53 males is expected to develop kidney cancer during their lifetime.

One in 280 females and one in 148 males is expected to die of kidney cancer.

### Number of New Kidney Cancer Cases Diagnosed in 2017

Age at Diagnosis	Males	Females	Total
0-19	5	0	10
20-39	10	10	20
40-59	145	80	230
60-79	315	165	480
80+	95	55	150
<b>Total</b>	<b>570</b>	<b>315</b>	<b>885</b>

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

### Number of Kidney Cancer Deaths in 2017

Age at Death	Males	Females	Total
0-19	5	0	5
20-39	5	0	5
40-59	25	5	30
60-79	90	35	120
80+	50	30	75
<b>Total</b>	<b>165</b>	<b>65</b>	<b>230</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 2017

Age at Diagnosis	Males	Females	Total
0-19	0.6	0.6	0.6
20-39	1.8	1.2	1.5
40-59	21.6	11.7	16.5
60-79	65.3	32.0	48.1
80+	102.8	43.5	68.4
<b>Total</b>	<b>23.4</b>	<b>12.6</b>	<b>18.0</b>

### Mortality Rates (per 100,000 population) for Kidney Cancer Deaths in 2017

Age at Death	Males	Females	Total
0-19	0.4	0.0	0.2
20-39	0.4	0.0	0.2
40-59	3.7	0.7	2.2
60-79	18.0	6.4	12.0
80+	51.4	22.1	34.4
<b>Total</b>	<b>6.7</b>	<b>2.7</b>	<b>4.7</b>

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### Estimated New Kidney Cancer Diagnoses in 2020 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	0	5	30	90	25	150
Fraser	0	5	70	155	45	280
Coastal	5	0	45	100	35	185
Island	0	10	30	95	30	160
Northern	0	0	10	30	5	40
<b>BC</b>	<b>5</b>	<b>20</b>	<b>180</b>	<b>475</b>	<b>145</b>	<b>820</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

### 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	81.8	69.5	61.9	83.5	74.0	68.8
95% Confidence Interval	80.3 - 83.1	67.7 - 71.2	60.0 - 63.7	82.0 - 84.9	72.0 - 75.9	66.5 - 71.1