

Statistics by Cancer Type - Kidney

General Summary

In 2018, an estimated 720 British Columbians will be newly diagnosed with kidney cancer and 240 will die of it. Almost 65% of those diagnosed with kidney cancer will be male.

One in 98 females and one in 50 males is expected to develop kidney cancer during their lifetime.

One in 259 females and one in 133 males is expected to die of kidney cancer.

Number of New Kidney Cancer Cases Diagnosed in 2015

Age at Diagnosis	Males	Females	Total
0-19	5	0	5
20-39	10	10	20
40-59	125	75	195
60-79	285	135	420
80+	70	50	120
Total	500	270	765

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

Number of Kidney Cancer Deaths in 2015

Age at Death	Males	Females	Total
0-19	0	0	0
20-39	0	5	0
40-59	30	10	35
60-79	80	35	120
80+	35	35	70
Total	140	80	225

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

Incidence Rates (per 100,000 population) for Kidney Cancer Cases Diagnosed in 2015

Age at Diagnosis	Males	Females	Total
0-19	1.0	0.6	0.8
20-39	2.2	1.3	1.7
40-59	18.6	10.6	14.6
60-79	63.3	29.2	46.0
80+	81.8	40.3	57.5
Total	21.4	11.4	16.3

Mortality Rates (per 100,000 population) for Kidney Cancer Deaths in 2015

Age at Death	Males	Females	Total
0-19	0.2	0.0	0.1
20-39	0.0	0.2	0.1
40-59	4.1	1.0	2.5
60-79	18.3	7.7	12.9
80+	38.6	29.0	33.0
Total	6.2	3.4	4.8

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Estimated New Kidney 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	25	80	25	130
Fraser	0	5	60	130	40	240
Coastal	0	5	40	90	35	170
Island	0	0	25	80	25	140
Northern	0	0	10	20	5	35
BC	5	15	160	400	135	720

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 2018 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	0	0	5	30	15	55
Fraser	0	0	10	45	25	75
Coastal	0	0	5	20	15	40
Island	0	0	5	30	15	50
Northern	0	0	0	5	0	15
BC	0	0	30	130	80	240

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	80.1	66.1	59.0	82.0	70.6	65.8
95% Confidence Interval	78.5 - 81.6	64.2 - 68.0	57.0 - 61.0	80.4 - 83.5	68.5 - 72.6	63.3 - 68.2