

Statistics by Cancer Type - Kidney

General Summary

In 2021, an estimated 865 British Columbians will be newly diagnosed with kidney cancer.

Almost 66% 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 2018

Age at Diagnosis	Males	Females	Total
0-19	5	0	5
20-39	20	5	25
40-59	165	60	220
60-79	340	190	530
80+	80	40	120
Total	605	290	895

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

Number of Kidney Cancer Deaths in 2018

Age at Death	Males	Females	Total
0-19	0	0	0
20-39	0	0	5
40-59	20	5	25
60-79	80	30	115
80+	50	30	80
Total	145	70	220

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

Incidence Rates (per 100,000 population) for Kidney Cancer Cases Diagnosed in 2018

Age at Diagnosis	Males	Females	Total
0-19	0.8	0.4	0.6
20-39	2.4	0.7	1.6
40-59	24.0	7.9	15.8
60-79	68.2	35.5	51.3
80+	84.8	29.5	52.8
Total	24.4	11.5	17.9

Mortality Rates (per 100,000 population) for Kidney Cancer Deaths in 2018

Age at Death	Males	Females	Total
0-19	0.0	0.0	0.0
20-39	0.1	0.0	0.1
40-59	2.5	0.7	1.6
60-79	16.6	5.6	10.9
80+	50.9	24.8	35.8
Total	6.0	2.7	4.3

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Estimated New Kidney Cancer Diagnoses in 2021 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	5	5	30	105	30	165
Fraser	0	10	70	165	50	295
Coastal	5	10	40	105	35	190
Island	0	0	30	105	35	170
Northern	0	5	10	20	10	40
BC	5	15	185	500	150	865

*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