

Statistics by Cancer Type - Lung

General Summary

In 2021, an estimated 3845 British Columbians will be newly diagnosed with lung cancer. It is estimated that almost 100% of those diagnosed with lung cancer will be over the age of 40 when they are diagnosed. One in 13 females and one in 14 males is expected to develop lung cancer during their lifetime. One in 19 females and one in 19 males is expected to die of lung cancer.

Number of New Lung Cancer Cases Diagnosed in 2018

Age at Diagnosis	Males	Females	Total
0-19	0	0	0
20-39	5	10	15
40-59	170	205	375
60-79	1050	1185	2240
80+	410	400	810
Total	1640	1800	3435

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

Number of Lung Cancer Deaths in 2018

Age at Death	Males	Females	Total
0-19	0	0	0
20-39	5	5	5
40-59	110	105	215
60-79	735	635	1370
80+	370	350	725
Total	1225	1090	2315

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

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

Age at Diagnosis	Males	Females	Total
0-19	0.0	0.2	0.1
20-39	0.6	1.3	0.9
40-59	25.6	28.8	27.2
60-79	209.7	221.5	215.8
80+	434.6	308.5	361.8
Total	66.1	71.2	68.7

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

Age at Death	Males	Females	Total
0-19	0.0	0.0	0.0
20-39	0.4	0.4	0.4
40-59	17.0	14.7	15.8
60-79	146.6	118.5	132.1
80+	395.4	271.3	323.7
Total	49.5	43.2	46.3

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Estimated New Lung Cancer Diagnoses in 2021 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	0	5	75	580	205	860
Fraser	0	10	155	795	285	1235
Coastal	0	5	85	450	180	715
Island	0	0	70	530	195	795
Northern	0	0	30	165	45	240
BC	0	10	405	2515	905	3845

*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 Lung Cancer

	Observed Survival Proportion %			Relative Survival Proportion %		
	1 Year	3 Year	5 Year	1 Year	3 Year	5 Year
Survival Proportion	44.8	26.1	19.1	50.5	32.5	26.0
95% Confidence Interval	43.1 - 46.6	24.5 - 27.6	17.7 - 20.5	48.3 - 52.7	30.1 - 34.9	23.5 - 28.5