

Statistics by Cancer Type - Lung

General Summary

In 2018, an estimated 3660 British Columbians will be newly diagnosed with lung cancer and 2465 will die of it (about 7 people every day).

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 13 males is expected to develop lung cancer during their lifetime.

One in 18 females and one in 17 males is expected to die of lung cancer.

Number of New Lung Cancer Cases Diagnosed in 2015

Age at Diagnosis	Males	Females	Total
0-19	0	0	0
20-39	0	5	10
40-59	205	215	420
60-79	1015	1065	2085
80+	425	435	860
Total	1655	1720	3375

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

Number of Lung Cancer Deaths in 2015

Age at Death	Males	Females	Total
0-19	0	0	0
20-39	0	0	0
40-59	110	115	225
60-79	740	705	1445
80+	350	390	740
Total	1205	1210	2415

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

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

Age at Diagnosis	Males	Females	Total
0-19	0.2	0.2	0.2
20-39	0.5	0.8	0.6
40-59	31.1	31.6	31.4
60-79	227.3	229.4	228.4
80+	485.0	350.2	406.1
Total	71.1	72.9	72.0

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

Age at Death	Males	Females	Total
0-19	0.0	0.0	0.0
20-39	0.0	0.0	0.0
40-59	17.0	16.6	16.8
60-79	165.3	151.6	158.3
80+	398.7	316.4	350.5
Total	51.7	51.2	51.5

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Estimated New Lung Cancer Diagnoses in 2018 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	0	5	65	505	215	795
Fraser	0	5	145	730	295	1170
Coastal	0	5	85	420	195	710
Island	0	0	65	470	200	740
Northern	0	0	30	160	50	245
BC	0	10	400	2290	955	3660

*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 Lung 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	40	315	175	530
Fraser	0	5	85	460	235	780
Coastal	0	5	50	255	155	465
Island	0	0	40	310	170	515
Northern	0	0	20	110	45	170
BC	0	5	235	1435	785	2465

*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 Lung Cancer

	Observed Survival Proportion %			Relative Survival Proportion %		
	1 Year	3 Year	5 Year	1 Year	3 Year	5 Year
Survival Proportion	43.4	23.8	18.0	48.9	28.9	23.5
95% Confidence Interval	41.6 - 45.1	22.3 - 25.3	16.6 - 19.4	46.5 - 51.2	26.5 - 31.5	21.0 - 26.1