

Statistics by Cancer Type - Lung

General Summary

In 2019, an estimated 3690 British Columbians will be newly diagnosed with lung cancer and 2475 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 14 females and one in 14 males is expected to develop lung cancer during their lifetime.

One in 19 females and one in 18 males is expected to die of lung cancer.

Number of New Lung Cancer Cases Diagnosed in 2016

Age at Diagnosis	Males	Females	Total
0-19	0	0	5
20-39	0	10	15
40-59	180	215	395
60-79	1000	1065	2065
80+	415	405	820
Total	1600	1695	3295

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

Number of Lung Cancer Deaths in 2016

Age at Death	Males	Females	Total
0-19	0	0	0
20-39	0	5	5
40-59	100	135	235
60-79	725	680	1405
80+	355	370	725
Total	1180	1190	2365

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

Incidence Rates (per 100,000 population) for Lung Cancer Cases Diagnosed in 2016

Age at Diagnosis	Males	Females	Total
0-19	0.2	0.0	0.1
20-39	0.5	1.6	1.0
40-59	27.5	32.0	29.8
60-79	214.9	220.5	217.7
80+	453.4	316.3	373.7
Total	67.7	70.7	69.2

Mortality Rates (per 100,000 population) for Lung Cancer Deaths in 2016

Age at Death	Males	Females	Total
0-19	0.0	0.0	0.0
20-39	0.0	0.3	0.2
40-59	15.3	20.2	17.8
60-79	155.5	141.0	148.1
80+	387.8	288.8	330.3
Total	49.9	49.5	49.7

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Estimated New Lung Cancer Diagnoses in 2019 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	0	0	65	525	210	805
Fraser	0	5	140	735	300	1175
Coastal	0	5	80	435	200	720
Island	0	5	60	485	205	745
Northern	0	0	30	160	55	240
BC	0	10	375	2335	970	3690

*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 2019 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	0	5	35	345	190	575
Fraser	0	5	75	435	225	735
Coastal	0	5	50	265	155	475
Island	0	0	40	320	170	525
Northern	0	0	20	105	40	160
BC	0	5	215	1460	780	2475

*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	44.0	24.2	18.2	49.2	31.1	25.2
95% Confidence Interval	42.3 - 45.8	22.7 - 25.7	16.9 - 19.6	46.9 - 51.4	29.0 - 33.3	22.9 - 27.7