

## Statistics by Cancer Type - Lung

### General Summary

In 2020, an estimated 3855 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 2017

Age at Diagnosis	Males	Females	Total
0-19	0	0	0
20-39	5	5	15
40-59	180	220	400
60-79	1035	1120	2160
80+	425	425	850
<b>Total</b>	<b>1640</b>	<b>1785</b>	<b>3425</b>

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

### Number of Lung Cancer Deaths in 2017

Age at Death	Males	Females	Total
0-19	0	0	0
20-39	5	5	5
40-59	105	115	225
60-79	695	675	1375
80+	405	380	785
<b>Total</b>	<b>1200</b>	<b>1185</b>	<b>2390</b>

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

### Incidence Rates (per 100,000 population) for Lung Cancer Cases Diagnosed in 2017

Age at Diagnosis	Males	Females	Total
0-19	0.0	0.0	0.0
20-39	0.9	1.4	1.1
40-59	26.0	31.6	28.9
60-79	214.0	217.6	215.8
80+	461.6	337.8	389.8
<b>Total</b>	<b>67.3</b>	<b>71.7</b>	<b>69.5</b>

### Mortality Rates (per 100,000 population) for Lung Cancer Deaths in 2017

Age at Death	Males	Females	Total
0-19	0.0	0.0	0.0
20-39	0.3	0.8	0.5
40-59	15.2	16.8	16.0
60-79	143.1	131.6	137.2
80+	444.1	301.4	361.3
<b>Total</b>	<b>49.4</b>	<b>47.6</b>	<b>48.5</b>

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### Estimated New Lung Cancer Diagnoses in 2020 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	0	0	85	560	195	840
Fraser	0	5	160	780	280	1230
Coastal	0	5	90	475	190	750
Island	0	0	75	540	195	805
Northern	0	0	30	155	40	235
<b>BC</b>	<b>0</b>	<b>15</b>	<b>440</b>	<b>2505</b>	<b>895</b>	<b>3855</b>

\*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