



## Statistics by Cancer Type - Lung

### General Summary

In 2017, an estimated 3500 British Columbians will be newly diagnosed with lung cancer and 2400 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 2014

Age at Diagnosis	Males	Females	Total
0-19	0	0	0
20-39	5	0	5
40-59	185	240	425
60-79	980	1045	2030
80+	400	430	830
<b>Total</b>	<b>1575</b>	<b>1720</b>	<b>3290</b>

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

### Number of Lung Cancer Deaths in 2014

Age at Death	Males	Females	Total
0-19	0	0	0
20-39	5	0	5
40-59	135	140	280
60-79	710	670	1385
80+	375	380	755
<b>Total</b>	<b>1225</b>	<b>1195</b>	<b>2420</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 2014

Age at Diagnosis	Males	Females	Total
0-19	0	0	0
20-39	0.6	0.3	0.5
40-59	27.9	35.2	31.6
60-79	227.1	234.7	231
80+	471.4	351.2	400.6
<b>Total</b>	<b>68.3</b>	<b>73.6</b>	<b>71</b>

### Mortality Rates (per 100,000 population) for Lung Cancer Deaths in 2014

Age at Death	Males	Females	Total
0-19	0	0	0
20-39	0.3	0.6	0.5
40-59	20.4	20.7	20.5
60-79	164.2	150.8	157.4
80+	444.4	310.2	365.3
<b>Total</b>	<b>53.2</b>	<b>51.3</b>	<b>52.2</b>



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### Estimated New Lung Cancer Diagnoses in 2017 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	0	0	75	490	210	<b>780</b>
Fraser	0	5	145	700	290	<b>1150</b>
Coastal	0	0	80	400	185	<b>670</b>
Island	0	0	70	460	195	<b>710</b>
Northern	0	0	35	150	50	<b>240</b>
<b>BC</b>	<b>0</b>	<b>15</b>	<b>410</b>	<b>2200</b>	<b>920</b>	<b>3500</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

### Estimated Lung Cancer Deaths in 2017 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	0	0	50	330	190	<b>580</b>
Fraser	0	5	90	420	230	<b>740</b>
Coastal	0	0	50	240	145	<b>430</b>
Island	0	0	45	300	175	<b>510</b>
Northern	0	0	20	100	40	<b>170</b>
<b>BC</b>	<b>0</b>	<b>10</b>	<b>270</b>	<b>1370</b>	<b>780</b>	<b>2400</b>

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	41.9	21.1	15.8	46.2	24.5	19.6
95% Confidence Interval	40.1 - 43.6	19.6 - 22.5	14.5 - 17.1	43.9 - 48.4	22.6 - 26.5	17.7 - 21.5