



## Statistics by Cancer Type - Brain

### General Summary

In 2017, an estimated 400 British Columbians will be newly diagnosed with brain cancer and 330 will die of it. About 18% of those diagnosed with brain cancer will be under the age of 40 when they are diagnosed. One in 171 females and one in 127 males is expected to develop brain cancer during their lifetime. One in 200 females and one in 159 males is expected to die of brain cancer.

### Number of New Brain Cancer Cases Diagnosed in 2014

Age at Diagnosis	Males	Females	Total
0-19	10	15	25
20-39	15	15	30
40-59	55	35	90
60-79	95	55	150
80+	25	25	45
<b>Total</b>	<b>200</b>	<b>140</b>	<b>345</b>

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

### Number of Brain Cancer Deaths in 2014

Age at Death	Males	Females	Total
0-19	5	5	5
20-39	10	5	15
40-59	55	30	85
60-79	95	65	155
80+	30	20	50
<b>Total</b>	<b>190</b>	<b>130</b>	<b>320</b>

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

### Incidence Rates (per 100,000 population) for Brain Cancer Cases Diagnosed in 2014

Age at Diagnosis	Males	Females	Total
0-19	2.4	2.8	2.6
20-39	3	1.9	2.5
40-59	8.5	5	6.7
60-79	21.5	12.8	17.1
80+	28.2	19.7	23.2
<b>Total</b>	<b>8.9</b>	<b>6</b>	<b>7.4</b>

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

Age at Death	Males	Females	Total
0-19	0.6	0.9	0.7
20-39	1.4	1.3	1.4
40-59	8.5	4.6	6.5
60-79	21.3	14.8	18
80+	34.1	16.4	23.7
<b>Total</b>	<b>8.2</b>	<b>5.5</b>	<b>6.9</b>



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

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	5	5	15	35	10	<b>75</b>
Fraser	15	15	40	60	20	<b>140</b>
Coastal	5	10	25	35	10	<b>90</b>
Island	5	10	15	40	10	<b>80</b>
Northern	0	0	5	10	0	<b>20</b>
<b>BC</b>	<b>30</b>	<b>40</b>	<b>100</b>	<b>185</b>	<b>50</b>	<b>400</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 Brain 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	15	35	10	<b>65</b>
Fraser	0	10	30	50	15	<b>110</b>
Coastal	0	5	15	35	10	<b>70</b>
Island	0	0	15	35	10	<b>70</b>
Northern	0	0	5	10	0	<b>15</b>
<b>BC</b>	<b>10</b>	<b>15</b>	<b>85</b>	<b>170</b>	<b>50</b>	<b>330</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 Brain Cancer

	Observed Survival Proportion %			Relative Survival Proportion %		
	1 Year	3 Year	5 Year	1 Year	3 Year	5 Year
Survival Proportion	44.4	25.1	21.2	52.4	32.4	28.0
95% Confidence Interval	41.7 - 47.1	22.7 - 27.5	19.0 - 23.6	50.0 - 54.8	30.0 - 34.8	25.6 - 30.4