

Statistics by Cancer Type - Brain

General Summary

In 2018, an estimated 410 British Columbians will be newly diagnosed with brain cancer and 340 will die of it. About 16% of those diagnosed with brain cancer will be under the age of 40 when they are diagnosed. One in 160 females and one in 118 males is expected to develop brain cancer during their lifetime. One in 189 females and one in 144 males is expected to die of brain cancer.

Number of New Brain Cancer Cases Diagnosed in 2015

Age at Diagnosis	Males	Females	Total
0-19	20	20	35
20-39	30	10	35
40-59	60	40	95
60-79	95	65	160
80+	25	20	40
Total	225	140	365

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

Number of Brain Cancer Deaths in 2015

Age at Death	Males	Females	Total
0-19	5	5	15
20-39	15	5	20
40-59	40	35	75
60-79	90	55	150
80+	30	20	45
Total	175	130	305

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

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

Age at Diagnosis	Males	Females	Total
0-19	3.4	3.7	3.5
20-39	4.1	1.7	2.9
40-59	8.9	5.4	7.2
60-79	21.2	13.1	17.1
80+	29.5	13.7	20.3
Total	9.6	6.0	7.8

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

Age at Death	Males	Females	Total
0-19	1.2	1.1	1.1
20-39	2.0	1.1	1.6
40-59	6.1	5.3	5.7
60-79	19.9	12.7	16.2
80+	30.7	16.1	22.1
Total	7.5	5.4	6.4

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Estimated New Brain Cancer Diagnoses in 2018 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	0	0	20	40	10	75
Fraser	15	15	35	65	15	145
Coastal	5	5	25	45	15	90
Island	5	10	20	45	10	85
Northern	5	0	0	5	0	20
BC	30	35	100	190	50	410

*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 2018 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	0	0	20	40	10	65
Fraser	10	10	30	60	15	115
Coastal	0	0	20	35	15	70
Island	5	10	15	45	10	70
Northern	0	0	0	5	0	15
BC	5	15	85	180	50	340

*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	44.3	24.5	20.7	53.5	32.4	28.0
95% Confidence Interval	41.6 - 47.0	22.2 - 26.9	18.5 - 23.0	51.1 - 55.8	30.0 - 34.9	25.6 - 30.5