

Statistics by Cancer Type - Brain

General Summary

In 2021, an estimated 415 British Columbians will be newly diagnosed with brain cancer
 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 123 males is expected to develop brain cancer during their lifetime.
 One in 196 females and one in 145 males is expected to die of brain cancer.

Number of New Brain Cancer Cases Diagnosed in 2018

Age at Diagnosis	Males	Females	Total
0-19	15	10	25
20-39	25	20	40
40-59	55	35	95
60-79	110	60	170
80+	25	15	45
Total	230	140	375

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

Number of Brain Cancer Deaths in 2018

Age at Death	Males	Females	Total
0-19	0	5	5
20-39	5	0	10
40-59	55	30	85
60-79	115	50	165
80+	25	20	45
Total	200	105	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 2018

Age at Diagnosis	Males	Females	Total
0-19	3.0	1.9	2.4
20-39	3.4	2.8	3.1
40-59	8.8	5.2	7.0
60-79	21.9	10.8	16.2
80+	26.5	12.4	18.4
Total	9.4	5.5	7.4

Mortality Rates (per 100,000 population) for Brain Cancer Deaths in 2018

Age at Death	Males	Females	Total
0-19	0.4	0.6	0.5
20-39	1.0	0.6	0.8
40-59	8.2	4.3	6.2
60-79	22.7	9.1	15.7
80+	23.3	16.3	19.3
Total	8.1	4.2	6.1

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Estimated New Brain Cancer Diagnoses in 2021 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	0	0	20	45	10	75
Fraser	15	15	35	60	15	145
Coastal	5	10	20	35	10	85
Island	5	5	15	45	15	85
Northern	0	5	10	10	0	20
BC	30	45	95	195	55	415

*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 Brain Cancer

	Observed Survival Proportion %			Relative Survival Proportion %		
	1 Year	3 Year	5 Year	1 Year	3 Year	5 Year
Survival Proportion	44.1	24.1	20.4	53.9	32.5	28.3
95% Confidence Interval	41.4 - 46.7	21.8 - 26.4	18.3 - 22.6	51.6 - 56.3	30.0 - 34.9	25.9 - 30.7