

Statistics by Cancer Type - Leukemia

General Summary

In 2019, an estimated 850 British Columbians will be newly diagnosed with leukemia and 385 will die of it. One in 73 females and one in 49 males is expected to develop leukemia during their lifetime. One in 139 females and one in 94 males is expected to die of leukemia.

Number of New Leukemia Cancer Cases Diagnosed in 2016

Age at Diagnosis	Males	Females	Total
0-19	25	20	45
20-39	20	25	40
40-59	85	60	150
60-79	245	125	370
80+	110	75	180
Total	475	305	785

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

Number of Leukemia Cancer Deaths in 2016

Age at Death	Males	Females	Total
0-19	0	0	5
20-39	5	0	5
40-59	10	15	25
60-79	95	50	145
80+	100	60	160
Total	210	125	340

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

Incidence Rates (per 100,000 population) for Leukemia Cancer Cases Diagnosed in 2016

Age at Diagnosis	Males	Females	Total
0-19	4.8	4.5	4.7
20-39	2.6	3.6	3.1
40-59	12.8	9.4	11.1
60-79	52.5	25.9	38.9
80+	119.1	57.4	83.3
Total	20.2	12.8	16.5

Mortality Rates (per 100,000 population) for Leukemia Cancer Deaths in 2016

Age at Death	Males	Females	Total
0-19	0.2	0.6	0.4
20-39	0.9	0.2	0.5
40-59	1.5	1.9	1.7
60-79	20.4	10.1	15.2
80+	108.2	47.2	72.7
Total	8.9	5.3	7.1

Statistics by Cancer Type - Leukemia

Estimated New Leukemia Cancer Diagnoses in 2019 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	5	5	30	100	50	190
Fraser	15	15	55	140	65	295
Coastal	10	10	30	85	50	175
Island	0	5	20	80	30	140
Northern	0	0	5	20	10	45
BC	50	35	135	425	205	850

*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 Leukemia Cancer Deaths in 2019 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	0	0	5	40	35	80
Fraser	0	5	5	50	55	120
Coastal	5	0	5	35	45	80
Island	0	0	0	40	35	80
Northern	0	0	10	5	10	20
BC	0	15	30	160	175	385

*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 Leukemia Cancer

	Observed Survival Proportion %			Relative Survival Proportion %		
	1 Year	3 Year	5 Year	1 Year	3 Year	5 Year
Survival Proportion	73.1	61.0	54.3	77.4	68.4	64.1
95% Confidence Interval	71.4 - 74.7	59.1 - 62.8	52.4 - 56.1	75.8 - 79.0	66.4 - 70.4	61.8 - 66.4