

Statistics by Cancer Type - Leukemia

General Summary

In 2020, an estimated 815 British Columbians will be newly diagnosed with leukemia.
One in 74 females and one in 51 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 2017

Age at Diagnosis	Males	Females	Total
0-19	20	20	40
20-39	15	20	35
40-59	80	45	125
60-79	215	120	340
80+	75	70	145
Total	405	280	685

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

Number of Leukemia Cancer Deaths in 2017

Age at Death	Males	Females	Total
0-19	0	0	5
20-39	10	5	20
40-59	20	15	30
60-79	115	70	190
80+	80	70	155
Total	225	165	395

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

Incidence Rates (per 100,000 population) for Leukemia Cancer Cases Diagnosed in 2017

Age at Diagnosis	Males	Females	Total
0-19	4.0	4.4	4.2
20-39	2.4	2.6	2.5
40-59	11.7	6.2	8.9
60-79	44.4	23.8	33.8
80+	82.0	57.7	67.9
Total	16.6	11.2	13.9

Mortality Rates (per 100,000 population) for Leukemia Cancer Deaths in 2017

Age at Death	Males	Females	Total
0-19	0.4	0.4	0.4
20-39	1.6	0.9	1.3
40-59	2.7	1.8	2.2
60-79	24.0	13.8	18.7
80+	89.7	57.0	70.7
Total	9.4	6.6	8.0

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Estimated New Leukemia Cancer Diagnoses in 2020 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	10	5	25	95	50	180
Fraser	20	15	45	135	65	280
Coastal	5	10	20	85	50	170
Island	5	5	15	75	30	140
Northern	0	0	10	25	5	45
BC	45	35	120	415	205	815

*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 Leukemia Cancer

	Observed Survival Proportion %			Relative Survival Proportion %		
	1 Year	3 Year	5 Year	1 Year	3 Year	5 Year
Survival Proportion	71.6	59.7	52.5	75.8	67.1	62.4
95% Confidence Interval	69.9 - 73.3	57.8 - 61.5	50.6 - 54.4	74.1 - 77.4	65.1 - 69.0	60.1 - 64.5