Statistics by Cancer Type - Leukemia

General Summary

In 2021, an estimated 825 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 2018

Age at Diagnosis	Males	Females	Total
0-19	25	15	45
20-39	25	15	40
40-59	85	55	140
60-79	280	150	425
80+	95	75	170
Total	510	310	820

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

Number of Leukemia Cancer Deaths in 2018

Age at Death	Males	Females	Total
0-19	5	5	5
20-39	5	5	10
40-59	15	15	25
60-79	105	70	175
80+	80	80	165
Total	210	170	385

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

Incidence Rates (per 100,000 population) for Leukemia Cancer Cases Diagnosed in 2018

Age at Diagnosis	Males	Females	Total
0-19	5.1	3.1	4.1
20-39	3.7	2.2	3.0
40-59	12.5	7.7	10.0
60-79	55.7	27.8	41.3
80+	100.7	58.9	76.6
Total	20.6	12.2	16.4

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

Age at Death	Males	Females	Total
0-19	0.4	0.4	0.4
20-39	0.7	0.6	0.7
40-59	2.1	1.7	1.9
60-79	20.9	13.4	17.1
80+	89.0	63.6	74.3
Total	8.5	6.8	7.6

Data Source: BC Cancer Registry   **Date Retrieved:** 17JAN2021   **Analysis by:** Cancer Surveillance and Outcomes, Data & Analytics

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Estimated New Leukemia Cancer Diagnoses in 2021 by Health Authority

| Health Authority | Age at Diagnosis | | | | | Total* |
	0-19	20-39	40-59	60-79	80+	
Interior	5	10	25	105	45	190
Fraser	20	10	45	140	65	280
Coastal	10	10	25	80	40	165
Island	5	5	10	75	35	145
Northern	5	5	10	25	5	45
BC	40	40	115	430	195	825

*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

Data Source: BC Cancer Registry   Date Retrieved: 17JAN2021   Analysis by: Cancer Surveillance and Outcomes, Data & Analytics

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