

Statistics by Cancer Type - Leukemia

General Summary

In 2018, an estimated 810 British Columbians will be newly diagnosed with leukemia and 385 will die of it. One in 70 females and one in 47 males is expected to develop leukemia during their lifetime. One in 129 females and one in 88 males is expected to die of leukemia.

Number of New Leukemia Cancer Cases Diagnosed in 2015

Age at Diagnosis	Males	Females	Total
0-19	20	20	45
20-39	20	15	30
40-59	85	55	140
60-79	235	130	365
80+	110	60	165
Total	465	280	745

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

Number of Leukemia Cancer Deaths in 2015

Age at Death	Males	Females	Total
0-19	5	0	5
20-39	10	5	15
40-59	5	15	20
60-79	95	50	145
80+	85	65	140
Total	195	130	325

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

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

Age at Diagnosis	Males	Females	Total
0-19	4.2	5.2	4.7
20-39	2.8	1.7	2.3
40-59	12.3	8.5	10.4
60-79	52.4	27.3	39.6
80+	123.8	47.5	79.2
Total	19.9	11.8	15.8

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

Age at Death	Males	Females	Total
0-19	1.0	0.2	0.6
20-39	1.6	0.8	1.2
40-59	1.1	1.9	1.5
60-79	21.2	10.5	15.8
80+	92.0	49.9	67.4
Total	8.5	5.5	7.0

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Estimated New Leukemia Cancer Diagnoses in 2018 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	10	5	25	95	45	180
Fraser	15	15	55	135	65	280
Coastal	10	5	30	80	45	170
Island	5	0	15	70	30	135
Northern	5	5	10	20	10	45
BC	35	35	135	410	195	810

*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 2018 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	15	60	50	120
Coastal	5	0	5	35	35	80
Island	0	0	0	40	30	80
Northern	0	0	10	10	10	20
BC	0	15	35	185	150	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	71.5	59.4	53.1	75.8	66.5	62.6
95% Confidence Interval	69.8 - 73.2	57.5 - 61.2	51.1 - 55.0	74.1 - 77.4	64.5 - 68.5	60.3 - 64.9