



Statistics by Cancer Type - Leukemia

General Summary

In 2017, an estimated 830 British Columbians will be newly diagnosed with leukemia and 390 will die of it. One in 73 females and one in 51 males is expected to develop leukemia during their lifetime. One in 134 females and one in 97 males is expected to die of leukemia.

Number of New Leukemia Cancer Cases Diagnosed in 2014

Age at Diagnosis	Males	Females	Total
0-19	20	15	30
20-39	15	10	30
40-59	60	65	125
60-79	195	145	335
80+	105	75	180
Total	400	300	705

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

Number of Leukemia Cancer Deaths in 2014

Age at Death	Males	Females	Total
0-19	5	0	5
20-39	10	5	15
40-59	20	25	40
60-79	95	65	160
80+	85	65	145
Total	215	155	365

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

Incidence Rates (per 100,000 population) for Leukemia Cancer Cases Diagnosed in 2014

Age at Diagnosis	Males	Females	Total
0-19	4	2.6	3.3
20-39	2.7	2.1	2.4
40-59	9.5	9.4	9.5
60-79	45.1	31.8	38.3
80+	124.6	59.9	86.5
Total	17.4	13	15.2

Mortality Rates (per 100,000 population) for Leukemia Cancer Deaths in 2014

Age at Death	Males	Females	Total
0-19	0.4	0.2	0.3
20-39	1.8	0.8	1.3
40-59	3	3.2	3.1
60-79	22.2	14.5	18.3
80+	97.6	50.9	70.1
Total	9.2	6.6	7.9



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Estimated New Leukemia Cancer Diagnoses in 2017 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	10	10	30	95	50	180
Fraser	15	20	55	135	65	290
Coastal	10	10	30	85	45	180
Island	5	10	20	75	40	140
Northern	0	0	10	25	10	45
BC	35	40	140	410	210	830

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 2017 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	0	0	5	40	30	75
Fraser	0	0	15	60	45	130
Coastal	0	0	10	40	35	90
Island	0	0	5	40	30	80
Northern	0	0	0	10	10	20
BC	5	10	40	195	155	390

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	71.8	59.9	53.5	75.7	66.6	62.8
95% Confidence Interval	70.0 - 73.5	58.0 - 61.8	51.5 - 55.4	74.0 - 77.3	64.6 - 68.5	60.6 - 64.8