

Statistics by Cancer Type - Multiple Myeloma

General Summary

In 2018, an estimated 420 British Columbians will be newly diagnosed with multiple myeloma and 210 will die of it. An estimated 85% of those who will be diagnosed with multiple myeloma will be over the age of 60 when they are diagnosed. One in 143 females and one in 110 males is expected to develop multiple myeloma during their lifetime. One in 233 females and one in 183 males is expected to die of multiple myeloma.

Number of New Multiple Myeloma Cancer Cases Diagnosed in 2015

Age at Diagnosis	Males	Females	Total
0-19	0	0	0
20-39	0	0	5
40-59	40	25	60
60-79	115	85	205
80+	50	40	90
Total	205	150	360

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

Number of Multiple Myeloma Cancer Deaths in 2015

Age at Death	Males	Females	Total
0-19	0	0	0
20-39	0	0	5
40-59	5	10	15
60-79	45	40	90
80+	40	35	75
Total	100	85	180

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

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

Age at Diagnosis	Males	Females	Total
0-19	0.0	0.0	0.0
20-39	0.3	0.2	0.2
40-59	6.1	3.5	4.8
60-79	26.1	18.9	22.4
80+	54.5	32.2	41.5
Total	8.9	6.5	7.7

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

Age at Death	Males	Females	Total
0-19	0.0	0.0	0.0
20-39	0.2	0.0	0.1
40-59	1.4	0.9	1.1
60-79	10.0	9.5	9.7
80+	47.7	27.4	35.8
Total	4.2	3.6	3.9

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Estimated New Multiple Myeloma Cancer Diagnoses in 2018 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	0	0	10	50	20	80
Fraser	0	0	25	75	30	140
Coastal	0	0	15	50	20	80
Island	0	0	15	60	25	95
Northern	0	0	5	15	10	25
BC	0	5	65	250	105	420

*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 Multiple Myeloma 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	0	25	15	45
Fraser	0	0	10	35	20	70
Coastal	0	0	10	25	15	40
Island	0	0	5	25	15	45
Northern	0	0	0	10	10	15
BC	0	0	15	115	80	210

*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 Multiple Myeloma Cancer

	Observed Survival Proportion %			Relative Survival Proportion %		
	1 Year	3 Year	5 Year	1 Year	3 Year	5 Year
Survival Proportion	76.3	56.5	42.0	80.6	63.9	50.5
95% Confidence Interval	73.8 - 78.5	53.7 - 59.3	39.1 - 44.8	78.1 - 82.8	60.7 - 67.0	46.8 - 54.1