

Statistics by Cancer Type - Multiple Myeloma

General Summary

In 2021, an estimated 490 British Columbians will be newly diagnosed with multiple myeloma.

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 147 females and one in 107 males is expected to develop multiple myeloma during their lifetime.

One in 243 females and one in 188 males is expected to die of multiple myeloma.

Number of New Multiple Myeloma Cancer Cases Diagnosed in 2018

Age at Diagnosis	Males	Females	Total
0-19	0	0	0
20-39	0	5	0
40-59	45	40	80
60-79	160	95	255
80+	70	35	105
Total	275	165	445

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

Number of Multiple Myeloma Cancer Deaths in 2018

Age at Death	Males	Females	Total
0-19	0	0	0
20-39	0	0	0
40-59	15	0	20
60-79	70	40	105
80+	55	35	95
Total	135	80	220

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 2018

Age at Diagnosis	Males	Females	Total
0-19	0.0	0.0	0.0
20-39	0.0	0.1	0.1
40-59	6.6	5.2	5.9
60-79	31.9	18.1	24.8
80+	74.2	25.6	46.1
Total	11.1	6.7	8.8

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

Age at Death	Males	Females	Total
0-19	0.0	0.0	0.0
20-39	0.0	0.0	0.0
40-59	2.2	0.4	1.3
60-79	13.6	7.5	10.4
80+	57.2	28.7	40.7
Total	5.5	3.2	4.3

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Estimated New Multiple Myeloma Cancer Diagnoses in 2021 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	0	0	15	60	20	100
Fraser	0	0	30	100	35	160
Coastal	0	0	10	55	25	90
Island	0	0	5	70	30	110
Northern	0	0	5	15	5	25
BC	0	10	70	300	115	490

*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 Multiple Myeloma Cancer

	Observed Survival Proportion %			Relative Survival Proportion %		
	1 Year	3 Year	5 Year	1 Year	3 Year	5 Year
Survival Proportion	77.5	58.4	44.1	82.9	67.4	54.4
95% Confidence Interval	75.2 - 79.6	55.7 - 61.0	41.3 - 46.8	80.8 - 84.9	64.5 - 70.2	50.9 - 57.8