

## Statistics by Cancer Type - Multiple Myeloma

### General Summary

In 2019, an estimated 430 British Columbians will be newly diagnosed with multiple myeloma and 225 will die of it. An estimated 84% of those who will be diagnosed with multiple myeloma will be over the age of 60 when they are diagnosed. One in 144 females and one in 111 males is expected to develop multiple myeloma during their lifetime. One in 249 females and one in 189 males is expected to die of multiple myeloma.

### Number of New Multiple Myeloma Cancer Cases Diagnosed in 2016

Age at Diagnosis	Males	Females	Total
0-19	0	0	0
20-39	0	0	0
40-59	40	25	60
60-79	135	90	220
80+	60	45	105
<b>Total</b>	<b>230</b>	<b>160</b>	<b>395</b>

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

### Number of Multiple Myeloma Cancer Deaths in 2016

Age at Death	Males	Females	Total
0-19	0	0	0
20-39	0	0	0
40-59	10	10	20
60-79	70	35	105
80+	50	45	90
<b>Total</b>	<b>130</b>	<b>85</b>	<b>220</b>

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 2016

Age at Diagnosis	Males	Females	Total
0-19	0.0	0.0	0.0
20-39	0.0	0.3	0.2
40-59	5.9	3.1	4.5
60-79	29.3	18.2	23.6
80+	62.3	38.6	48.5
<b>Total</b>	<b>9.8</b>	<b>6.7</b>	<b>8.2</b>

### Mortality Rates (per 100,000 population) for Multiple Myeloma Cancer Deaths in 2016

Age at Death	Males	Females	Total
0-19	0.0	0.0	0.0
20-39	0.0	0.0	0.0
40-59	1.5	1.2	1.3
60-79	15.7	7.0	11.3
80+	54.6	33.1	42.1
<b>Total</b>	<b>5.6</b>	<b>3.5</b>	<b>4.6</b>

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### Estimated New Multiple Myeloma Cancer Diagnoses in 2019 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	0	0	10	50	20	85
Fraser	0	0	25	85	30	140
Coastal	0	0	10	45	20	85
Island	0	0	15	60	25	95
Northern	0	0	5	10	5	20
<b>BC</b>	<b>0</b>	<b>0</b>	<b>65</b>	<b>255</b>	<b>105</b>	<b>430</b>

\*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 2019 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	0	0	0	25	20	45
Fraser	0	0	10	35	20	70
Coastal	0	0	10	25	15	40
Island	0	0	5	30	20	50
Northern	0	0	0	10	10	15
<b>BC</b>	<b>0</b>	<b>0</b>	<b>20</b>	<b>125</b>	<b>85</b>	<b>225</b>

\*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	76.5	56.3	42.6	81.9	64.9	52.5
95% Confidence Interval	74.2 - 78.7	53.6 - 59.0	39.8 - 45.4	79.6 - 83.9	61.9 - 67.8	49.0 - 56.0