

## Statistics by Cancer Type - Thyroid

### General Summary

In 2019, an estimated 565 British Columbians will be newly diagnosed with thyroid cancer and 30 will die of it. An estimated 72% of those diagnosed with thyroid cancer will be female.

One in 89 females and one in 232 males is expected to develop thyroid cancer during their lifetime.

One in 1355 females and one in 1457 males is expected to die of thyroid cancer.

### Number of New Thyroid Cancer Cases Diagnosed in 2016

Age at Diagnosis	Males	Females	Total
0-19	0	5	5
20-39	20	85	110
40-59	50	125	175
60-79	55	95	145
80+	5	15	20
<b>Total</b>	<b>135</b>	<b>320</b>	<b>450</b>

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

### Number of Thyroid Cancer Deaths in 2016

Age at Death	Males	Females	Total
0-19	0	0	0
20-39	0	0	0
40-59	0	0	0
60-79	10	10	15
80+	5	5	15
<b>Total</b>	<b>15</b>	<b>15</b>	<b>30</b>

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

### Incidence Rates (per 100,000 population) for Thyroid Cancer Cases Diagnosed in 2016

Age at Diagnosis	Males	Females	Total
0-19	0.2	1.1	0.6
20-39	3.4	13.4	8.4
40-59	7.3	18.4	12.9
60-79	11.4	19.5	15.5
80+	8.7	9.4	9.1
<b>Total</b>	<b>5.6</b>	<b>13.4</b>	<b>9.5</b>

### Mortality Rates (per 100,000 population) for Thyroid 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	0.0	0.3	0.1
60-79	1.9	1.4	1.7
80+	6.6	5.5	5.9
<b>Total</b>	<b>0.6</b>	<b>0.7</b>	<b>0.7</b>

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### Estimated New Thyroid Cancer Diagnoses in 2019 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	0	15	30	30	5	85
Fraser	0	50	80	60	10	215
Coastal	0	40	60	45	5	145
Island	0	15	25	30	5	85
Northern	0	5	15	15	5	35
<b>BC</b>	<b>5</b>	<b>135</b>	<b>220</b>	<b>170</b>	<b>30</b>	<b>565</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 Thyroid 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	10	0	5
Fraser	0	0	5	5	0	10
Coastal	0	0	0	5	0	10
Island	0	0	0	5	5	10
Northern	0	0	0	0	0	0
<b>BC</b>	<b>0</b>	<b>0</b>	<b>10</b>	<b>20</b>	<b>15</b>	<b>30</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 Thyroid Cancer

	Observed Survival Proportion %			Relative Survival Proportion %		
	1 Year	3 Year	5 Year	1 Year	3 Year	5 Year
Survival Proportion	96.2	93.5	91.4	92.6	89.8	88.5
95% Confidence Interval	95.2 - 97.0	92.3 - 94.6	90.0 - 92.6	90.2 - 94.5	86.6 - 92.5	84.5 - 92.0