

Statistics by Cancer Type - Thyroid

General Summary

In 2018, an estimated 580 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 90 females and one in 231 males is expected to develop thyroid cancer during their lifetime.

One in 1312 females and one in 1505 males is expected to die of thyroid cancer.

Number of New Thyroid Cancer Cases Diagnosed in 2015

Age at Diagnosis	Males	Females	Total
0-19	0	10	10
20-39	35	80	110
40-59	40	135	180
60-79	35	80	110
80+	5	20	25
Total	115	320	435

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

Number of Thyroid Cancer Deaths in 2015

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

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

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

Age at Diagnosis	Males	Females	Total
0-19	0.2	1.7	0.9
20-39	5.3	12.1	8.7
40-59	6.5	20.0	13.4
60-79	7.8	17.0	12.5
80+	5.7	16.9	12.2
Total	5.1	13.5	9.3

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

Age at Death	Males	Females	Total
0-19	0.0	0.0	0.0
20-39	0.0	0.0	0.0
40-59	0.2	0.1	0.1
60-79	1.8	1.9	1.9
80+	3.4	5.6	4.7
Total	0.5	0.7	0.6

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Estimated New Thyroid Cancer Diagnoses in 2018 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	0	15	35	30	5	80
Fraser	0	55	95	60	15	220
Coastal	0	40	60	35	5	150
Island	0	20	35	30	5	90
Northern	0	10	20	10	0	40
BC	5	140	235	165	35	580

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 2018 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	0	0	0	0	0	5
Fraser	0	0	0	10	0	10
Coastal	0	0	0	0	0	5
Island	0	0	0	0	0	5
Northern	0	0	0	0	0	0
BC	0	0	0	20	10	30

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	95.9	93.3	91.0	91.9	89.4	87.8
95% Confidence Interval	94.9 - 96.8	92.0 - 94.4	89.4 - 92.3	89.4 - 93.9	86.1 - 92.2	83.6 - 91.4