

Statistics by Cancer Type - Thyroid

General Summary

In 2021, an estimated 560 British Columbians will be newly diagnosed with thyroid cancer.

An estimated 69% of those diagnosed with thyroid cancer will be female.

One in 92 females and one in 233 males is expected to develop thyroid cancer during their lifetime.

One in 1269 females and one in 1487 males is expected to die of thyroid cancer.

Number of New Thyroid Cancer Cases Diagnosed in 2018

Age at Diagnosis	Males	Females	Total
0-19	5	5	5
20-39	20	85	105
40-59	55	140	190
60-79	70	105	170
80+	10	25	35
Total	150	350	505

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

Number of Thyroid Cancer Deaths in 2018

Age at Death	Males	Females	Total
0-19	0	0	0
20-39	0	0	0
40-59	0	0	0
60-79	15	15	30
80+	5	15	15
Total	25	25	50

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

Incidence Rates (per 100,000 population) for Thyroid Cancer Cases Diagnosed in 2018

Age at Diagnosis	Males	Females	Total
0-19	0.2	0.8	0.5
20-39	2.7	12.3	7.4
40-59	8.0	19.6	13.9
60-79	13.4	19.2	16.4
80+	8.5	18.6	14.3
Total	6.0	13.9	10.0

Mortality Rates (per 100,000 population) for Thyroid 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	0.3	0.1	0.2
60-79	3.2	2.6	2.9
80+	4.2	9.3	7.2
Total	0.9	1.1	1.0

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Estimated New Thyroid Cancer Diagnoses in 2021 by Health Authority

Health Authority	Age at Diagnosis					Total*
	0-19	20-39	40-59	60-79	80+	
Interior	0	15	25	40	10	90
Fraser	10	50	75	65	10	200
Coastal	5	45	60	50	15	175
Island	0	15	25	25	10	70
Northern	0	5	5	10	0	20
BC	10	125	200	190	45	560

*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 Thyroid Cancer

	Observed Survival Proportion %			Relative Survival Proportion %		
	1 Year	3 Year	5 Year	1 Year	3 Year	5 Year
Survival Proportion	96.0	93.2	90.8	92.8	89.4	88.1
95% Confidence Interval	95.0 - 96.9	91.9 - 94.2	89.4 - 92.1	90.4 - 94.7	86.3 - 92.1	84.2 - 91.5