

British Columbia COVID-19 Daily Situation report, March 26, 2020

All information is based on direct daily report to BCCDC as of 10:00 AM PT; Subject to change with reconciliation and/or as data become more complete.

Findings are based on laboratory-confirmed case detections in British Columbia (BC) which represent a subset of actual cases and are subject to changes in testing recommendations and practices.

Figure 1: Map of COVID-19 confirmed cases by health authority, BC, January 1 - March 26, 2020 (N=725)

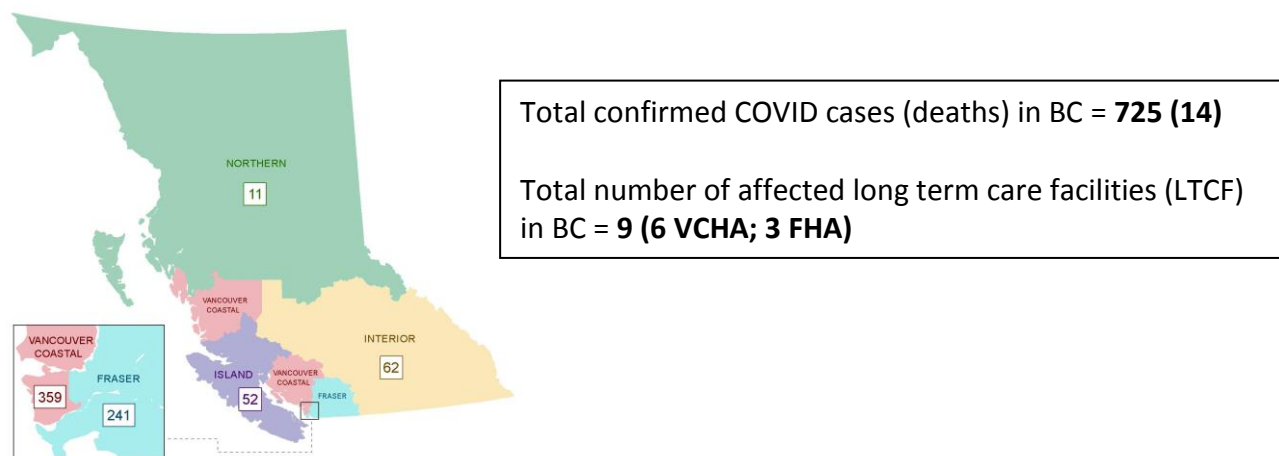


Table 1. Epidemiological profile reported by health authority of case, BC, January 1 - March 26, 2020 (N=725)

	Fraser	Interior	Vancouver Island	Northern	Vancouver Coastal	n (%) ^a
Total number of cases	241	62	52	11	359	725^b
Number of new cases since March 25, 2020	23	16	5	2	20	66 (9%)
Median age in years, cases ^c	51	49	49	53	53	52 years
Female sex, cases	126	32	29	7	177	371/670 (55%)
Ever Hospitalized	56	8	5	1	40^d	110 (15%)
Median age in years, hospitalized ^c	69	55	71	- ^f	71 ^d	68 years
Ever ICU	21	3	3	1	14^d	42 (6%)
Median age in years, ICU admission ^c	73	49	71	- ^f	65 ^d	69 years
Deaths	2	0	0	0	12^e	14 (2%)
Median age in years, deaths ^c	84	NA	NA	NA	86	86 years
Recovered and off isolation^g	5	9	8	5	159^h	186 (26%)

^a Denominator for % derivation is total number of cases (N), except sex for which denominator is as specified for those with known information on sex.

^b 135 confirmed cases are residents or staff associated with nine affected long term care facilities.

^c Median age is calculated based on those with known information for all, hospitalized, ICU, and deceased cases (n=628, 102, 40, and 8, respectively).

^d Data as of March 24, 2020. On March 22, VCH adopted a new reporting approach which incorporates data collected directly from hospitals. Some inconsistencies have been noted and will be corrected before including updated data.

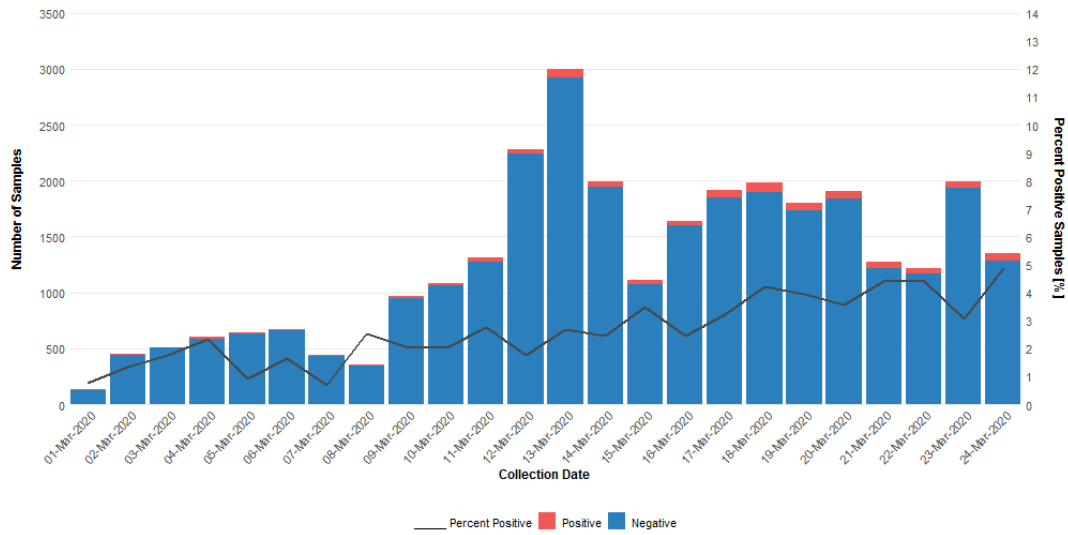
^e All are LTCF deaths.

^f Median age not disclosed due to single case with age available.

^g Includes both cases indicated as recovered following 2 lab confirmed negative swabs 24 hours apart or following 10 days after symptom onset and removed from isolation requirements.

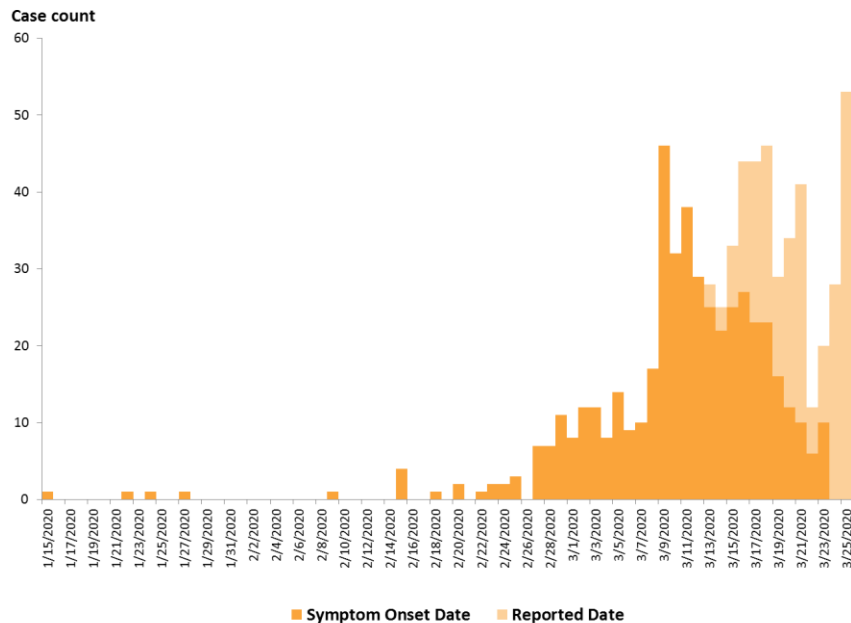
^h This number is lower than March 25 due to data adjustments by VCH.

Figure 2: Proportion of respiratory specimens testing SARS-CoV-2 positive* in BC, March 1-March 24, 2020 (N=30,642)



*Participating laboratories include those with confirmatory testing: BCCDC Public Health Laboratory, Vancouver General Hospital, BC Children’s & Women’s Hospital, St. Paul’s Hospital, Victoria General Hospital Microbiology Laboratory, and Kelowna General Hospital Microbiology Laboratory. Data source: PLOVER extract at 10:00 am on March 26, 2020. Methods and caveats: Test results are tallied at the patient level by date of specimen collection. Case level data means that an individual is counted once for each specified date. A single individual, however, may subsequently be repeat tested over a span of collection dates (e.g. until clearance). The relative impact of repeat testing may be greater in the earlier part of the epidemic when more routinely undertaken and there were fewer tests being done overall. As of March 16, testing recommendations have changed to focus on hospitalized patients, healthcare workers, long term care facility staff and residents, or those part of a cluster or outbreak who are experiencing respiratory symptoms.

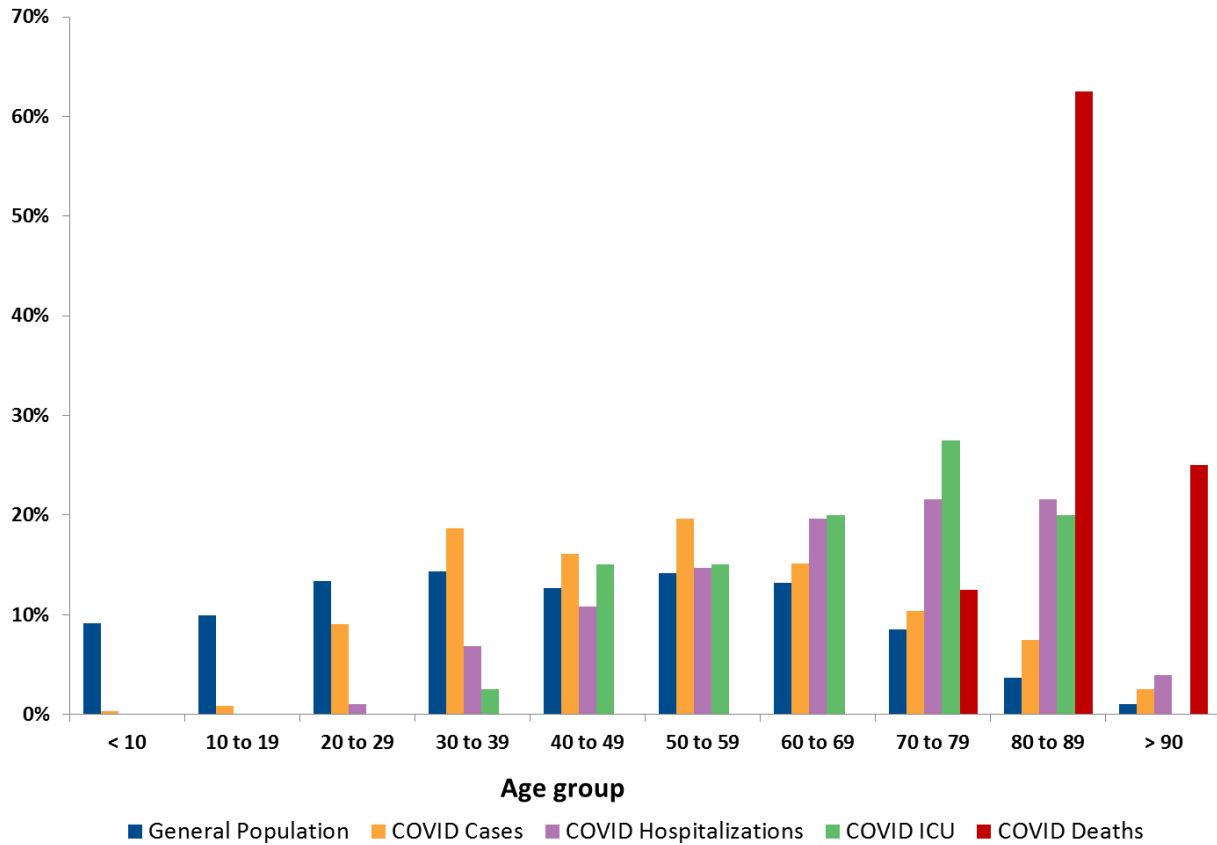
Figure 3: Epidemic curve, confirmed COVID-19 cases in BC by episode date January 1-March 26, 2020 (N=724*)



*Episode date is based on symptom onset date (n=479), if not available then on date COVID-19 was reported to the health authority (n=245). There is 1 case with missing information.

How to interpret the epidemic curve: There is an expected delay from the beginning of a person’s illness (symptom onset date) to the date the laboratory confirms and reports the illness (reported date). Newly reported cases have only reported date available and appear on the far right hand side of the curve, but their onset of symptoms would have been prior to this. As information on symptom onset becomes available through public health investigation, cases in light yellow are expected to shift left on the curve to earlier dates (in dark yellow).

Figure 4: Percentage distribution of COVID-19 cases, hospitalization, ICU admissions and deaths by age, compared to the general population of BC, January 1-March 26[†], 2020 (N=628*)



*Includes 628 cases, 102 hospitalizations, 40 ICU admissions, and 8 deceased with age information available.

[†] Data for VCH hospitalizations and ICU as of March 24, 2020.