

British Columbia COVID-19 Daily Situation report, March 24, 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

Note also that 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 24, 2020 (N=617)

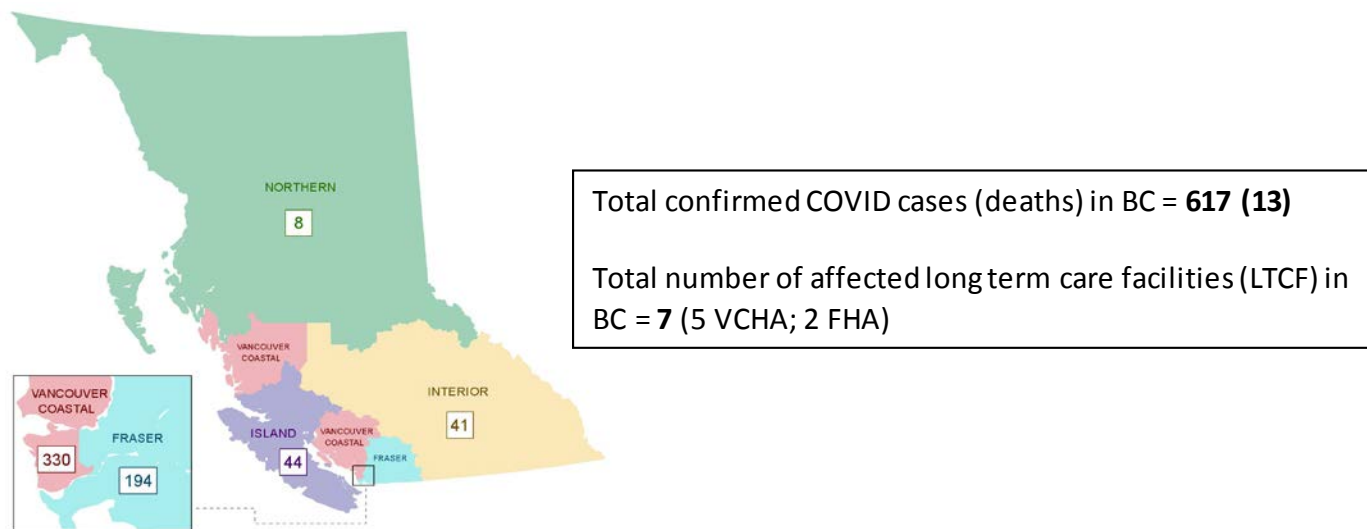


Table 1. Epidemiological profile reported by health authority of case, BC, January 1 - March 24, 2020 (N=617)

	Fraser	Interior	Vancouver Island	Northern	Vancouver Coastal	n (%) ^a
Total number of cases	194	41	44	8	330	617^b
Number of new cases since March 23, 2020	31	1	0	2	44	78(13%)
Median age, cases ^c	51	44	45	61	53	53 years
Female sex, cases	99	21	24	5	151	300/550 (55)
Ever Hospitalized	45	6	4	1	40^d	96 (16%)
Median age, hospitalized ^c	72	53	66	- ^g	71	70 years
Ever ICU	10	2	2	1	14	29 (5%)
Median age, ICU admission ^c	75	- ^g	66	- ^g	65	71 years
Deaths	2	0	0	0	11^e	13 (2%)
Median age, deaths ^c	84	-	-	-	86	86 years
Recovered and off isolation^f	3	8	0	4	158	173 (28%)

^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 108 confirmed cases are residents or staff associated with seven affected long term care facilities.

^c Median age is calculated based on those with known information for all, hospitalized, ICU, and deceased cases (n=520, 82, 24, and 8, respectively).

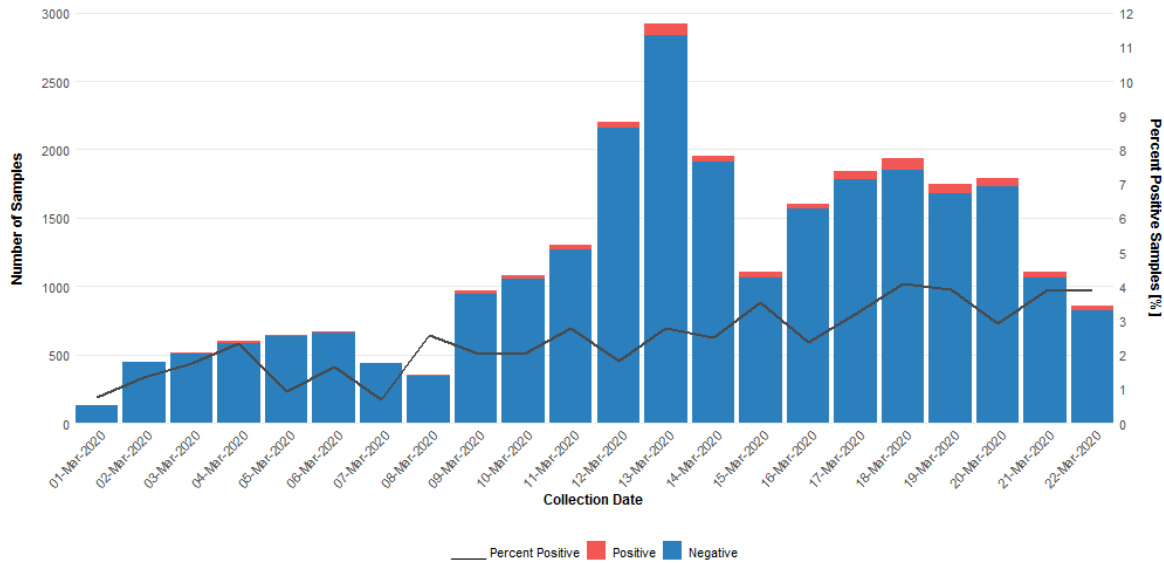
^d As of March 22, a new reporting approach has been adopted by VCH which incorporates data collected directly and systematically from hospitals. This explains the increased tally of "ever hospitalized" without commensurate increase in "currently in hospital" compared to March 20, 2020. Numbers are as reported to BCCDC by VCH; we cannot vouch further but given the system is new, tallies may be subject to change.

^e All are LTCF deaths.

^f 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.

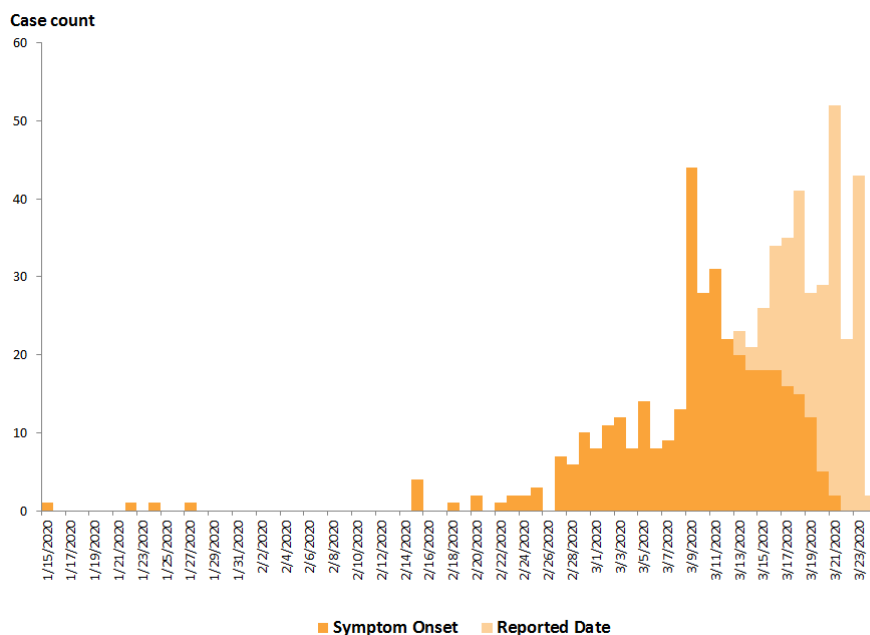
^g Median age not disclosed due to single case with age available.

Figure 2: Proportion of respiratory specimens testing SARS-CoV-2 positive* in BC, March 1-March 22, 2020 (N=23,274)



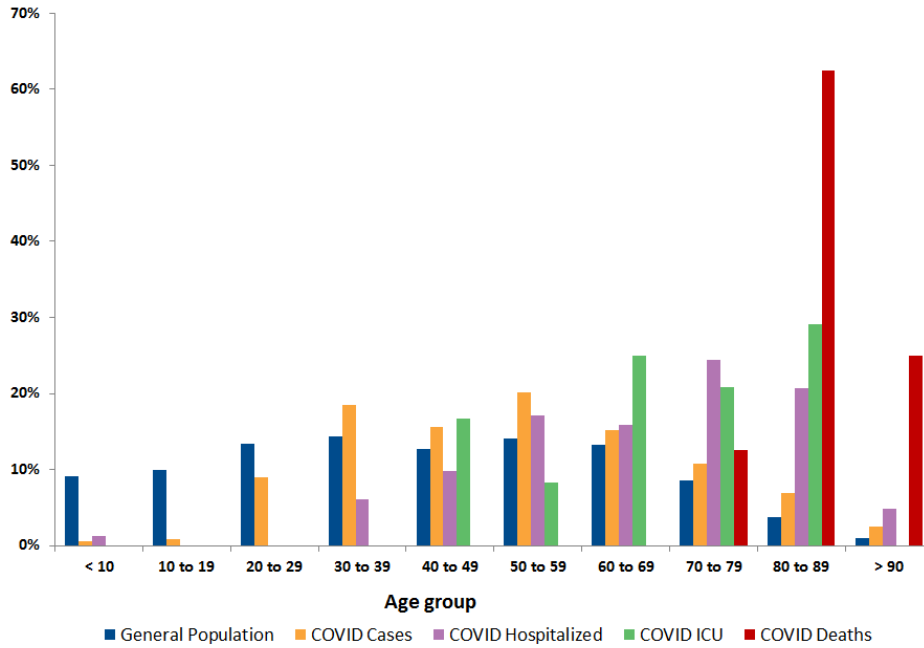
*Participating laboratories include those with confirmatory testing: BCCDC Public Health Laboratory, Vancouver General Hospital, and St. Paul’s Hospital
Data source: PLOVER extract at 9:30 on March 24, 2020. Methods and caveats: Test results are tallied at the patient level by date of specimen collection. 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.

Figure 3: Epidemic curve, confirmed COVID-19 cases in BC by episode date January 1-March 24, 2020 (N=607*)



*Episode date is based on symptom onset date (n=375), if not available then date COVID-19 was reported to health authority (n=232). There are 10 cases with missing information on these dates.

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 24, 2020 (N=520*)



*520 cases, 82 hospitalized cases, 24 ICU cases, and 8 deceased cases with age information available