

British Columbia COVID-19 Daily Situation report, March 23, 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 23, 2020 (N=539)

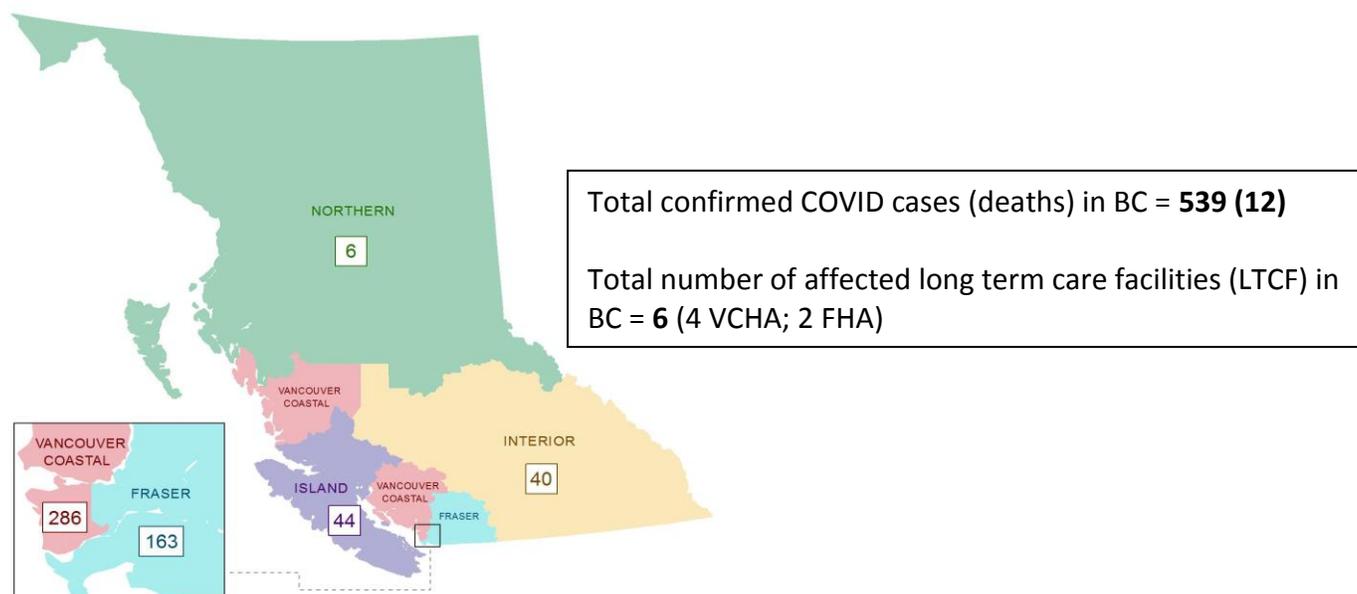


Table 1. Epidemiological profile reported by health authority of case, BC, January 1 - March 23, 2020 (N=539)

	Fraser	Interior	Vancouver Island	Northern	Vancouver Coastal	n (%) ^a
Total number (N) of cases	163	40	44	6	286	539^b
Median age, cases (years) ^c	52	47	45	65	54	53
Female sex, cases	80	20	25	4	136	265/486 (55)
Hospitalized (ever)	36	5	4	0	38^d	83 (15)
Median age, hospitalized ^c	73	53	66	-	67	70
ICU (ever)	7	2	2	0	12	23 (4)
Median age, ICU admission ^c	73	39	66	-	67	71
Deaths	2	0	0	0	11^e	13 (2)
Median age, deaths ^c	83	-	-	-	87	87
Recovered and off isolation^f	2	8	0	0	136	146 (27)

^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 92 confirmed cases are residents or staff associated with six affected long term care facilities.

^c Median age is calculated based on those with known information for all, hospitalized, ICU, and deceased cases (n=460, 74, 22, and 7, 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 indicates as recovered (2 lab confirmed negative swabs 24 hours apart) and removed from isolation requirements once recovered and at 10 days after symptom onset.

Table 2. Likely acquisition/exposure of COVID-19 cases in BC, January 1 - March 23, 2020* (N=331)

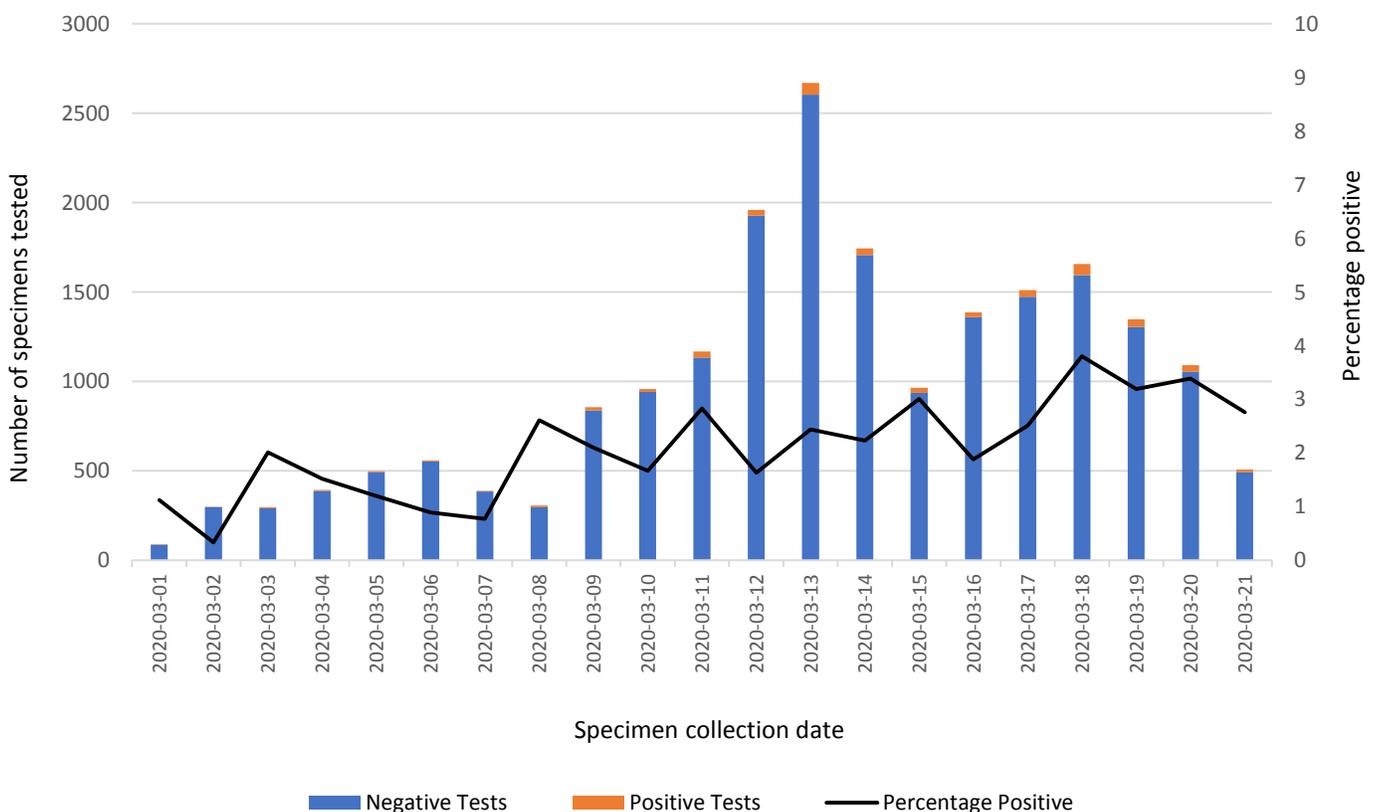
Exposure type	Health Authority by patient residence						Total (%)
	Fraser	Interior	Vancouver Island	Northern	Vancouver Coastal	Other ^a	
International travel	21	9	3	1	24	2	60 (18)
Local	25	5	14	0	16	0	60 (18)
Local + travel ^b	16	4	2	3	10	0	35 (11)
Unknown	22	8	2	1	20	0	53 (16)
Pending	2	1	7	1	112	0	123 (37)

*Data as reported in Panorama

^aIncludes residents from outside BC (E.g., US) diagnosed in BC

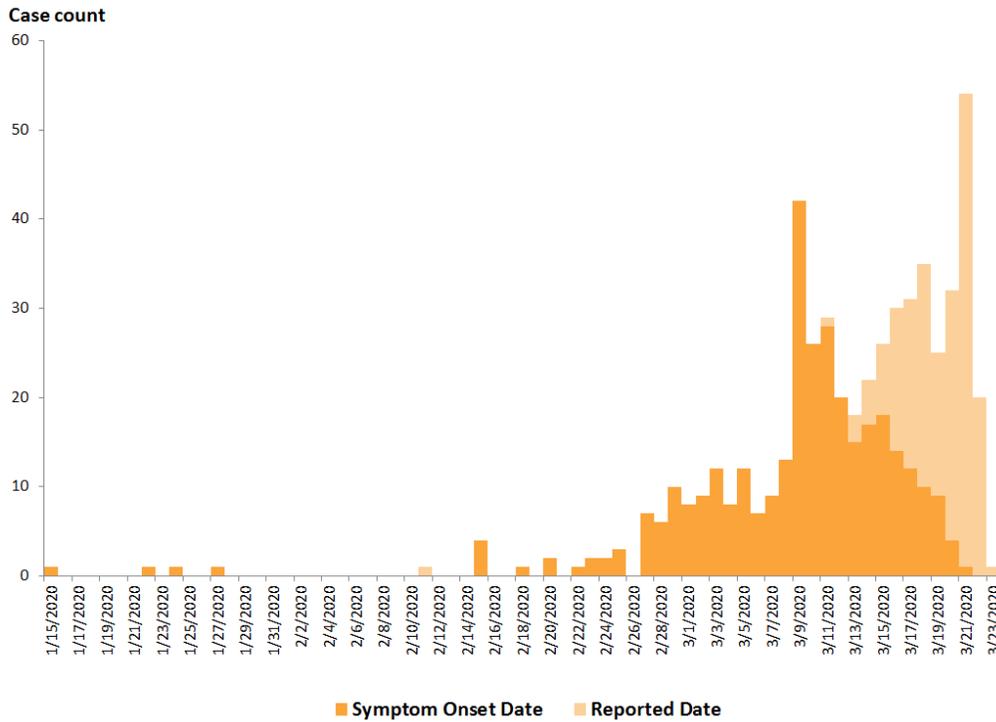
^bCases who reported more than one potential exposure (e.g., international travel and contact with a case)

Figure 2: Proportion of respiratory specimens testing SARS-CoV-2 positive* in BC, March 1-March 21, 2020 (N=20,649)



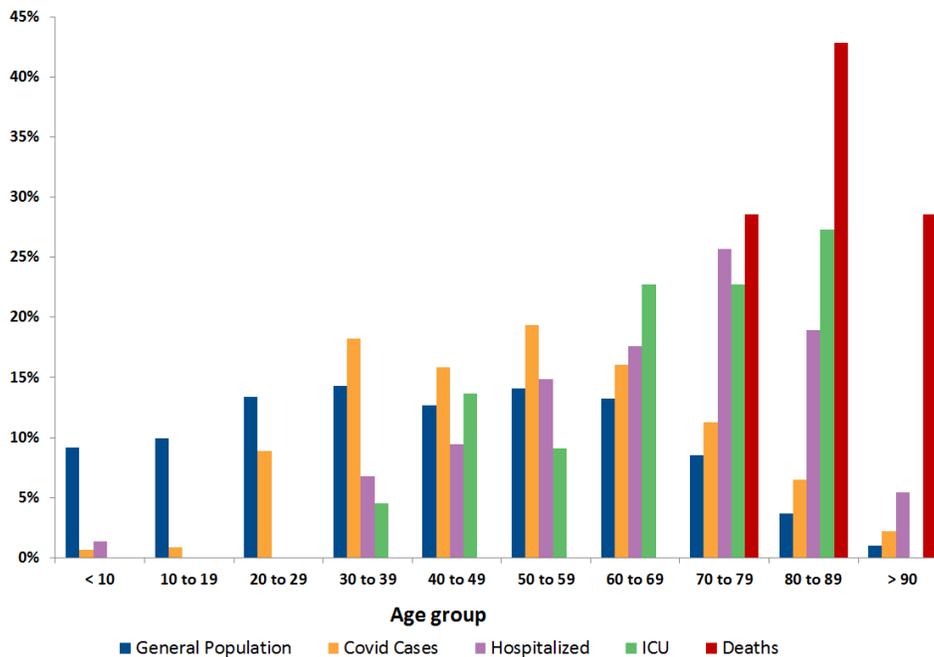
*Participating laboratories include those with confirmatory testing: BCCDC public health laboratory, Vancouver General Hospital, and St. Paul’s Hospital
Data source: PLOVER. Methods and caveats: Test results are tallied at the patient level by date of specimen collection. Case level data means that an 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 23, 2020 (N=532)



*Episode date is based on symptom onset date (n=336), if not available then date COVID-19 was reported to or by health authority (n=196). There are 7 cases with missing information on these specified date

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 23, 2020



*460 cases (79 missing age information); 83 hospitalizations (9 missing age information); 23 ICU admissions (1 missing age information) ; 13 deaths (6 missing age information).