

## Cameron, Jessica HLTH:EX

---

**From:** Henry, Bonnie HLTH:EX  
**Sent:** November 16, 2020 1:52 PM  
**To:** Covid [BCCDC]  
**Cc:** HLTH COVIDAnalytics HLTH:EX; Ahmed, May [BCCDC]; Allison, Sandra [VIHA]; Amos, Heather [BCCDC]; Barry, Stacy [BCCDC]; Bharmal, Aamir Dr. HLTH:IN; XT:Bloemink, Karen HLTH:IN; Boyd, Eva [BCCDC]; XT:HLTH Brodtkin, Elizabeth; XT:HLTH Brown, Libby; Brown, Ross Dr [VCH]; Buxton, Jane [BCCDC]; CD Epi; Chan, Elaine [BCCDC]; XT:HLTH Chhokar, Rahul; Chilton, Katharine [BCCDC]; Choi, Alexandra [VA]; Clair, Veronica [BCCDC]; Corneil, Trevor HLTH:EX; Coss, Michael [BCCDC]; Crabtree, Alexis [BCCDC]; Daly, Patty [VCH]; XT:HLTH Dawar, Meena; Emerson, Brian P HLTH:EX; XT:Flatt, Alexandra HLTH:IN; XT:HLTH Forsting, Sara; XT:HLTH Galanis, Eleni; XT:Golmohammadi, Dr. Kamran HLTH:IN; Grennan, Troy [BCCDC]; Gustafson, Reka [BCCDC]; XT:HLTH Hampe, Tanis; XT:Harding, John HLTH:IN; XT:Hayden, Althea HLTH:IN; XT:Henderson, Sarah ENV:IN; Hoang, Linda [BCCDC]; XT:Hoyano, Dr Dee HLTH:IN; Rongve, Ian HLTH:EX; Janjua, Naveed [BCCDC]; Jassem, Agatha [BCCDC]; XT:Kim, Jong HLTH:IN; Kinniburgh, Brooke [VCH]; XT:Kling, Rakel HLTH:IN; Kow, Janet [PH]; XT:Krajden, Mel HLTH:IN; Levett, Paul [BCCDC]; XT:Lysyshyn, Mark Dr. HLTH:IN; Meier, Stephanie [BCCDC]; MejiaMulet, Fernando [FH]; XT:Mema, Dr. Silvina HLTH:IN; Morshed, Muhammad [BCCDC]; MoustaqimBarrette, Amina [VCH]; XT:Naus, Monika HLTH:IN; Newhouse, Emily [FH]; Noftall, Kyle [BCCDC]; XT:ODonnell, Maureen HLTH:IN; XT:Ogilvie, Gina HLTH:IN; XT:Patrick, David HLTH:IN; XT:HLTH Pederson, Ann; PHESU [IHA]; Prystajec, Natalie [BCCDC]; Sandhu, Jat [BCCDC]; Schmid, Victoria [EXT]; Sekirov, Inna [BCCDC]; Skowronski, Danuta [BCCDC]; XT:Smolina, Kate HLTH:IN; Brown, Stephen R HLTH:EX; StJean, Martin [VCH]; Taylor, Jessica [BCCDC]; XT:Taylor, Marsha HLTH:IN; Therrien, Darlene HLTH:EX; Treloar, Chelsea [BCCDC]; Trieu, Jeffrey [BCCDC]; Tyler, Ingrid Dr. HLTH:IN; VCH Public Health Surveillance Unit [VCH]; Walsh, Sara M HLTH:EX; Wong, Jason [BCCDC]; Zamanpour, Arina [BCCDC]; Zbar, Ariella [FH]  
**Subject:** Re: November 16, 2020 COVID Update - HA Case and Outbreak Tallies  
**Attachments:** Daily\_HA-based\_report\_Nov 16.docx

I just saw numbers from FH that were different than these. Could we please check one more time?

Thank you 🙏

Dr Bonnie Henry  
Provincial Health Officer  
Ministry of Health  
Bonnie.henry@gov.bc.ca  
s.17; s.19

On Nov 16, 2020, at 1:49 PM, Covid [BCCDC] wrote:

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Please find attached the daily case and outbreak tallies. Please note, there have been significant changes to Table 1 since the version sent earlier. These data are confidential and embargoed until after 4PM.

Thank you to the epidemiologists in each HA for providing their data in support of this daily summary, and to Kyle Noftall, Eva Boyd, May Ahmed, and Andrea Schertzer for compiling.

Please contact me directly ([samara.david@bccdc.ca](mailto:samara.david@bccdc.ca)) if you have any questions.

Thank you,

Samara

---

**Samara David, MHSc**

Epidemiologist

Tel 604.707.2524, Fax 604.707.2515

This e-mail message, including any attachments, is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged and/or confidential. If you are not the intended recipient or the employee or agent responsible for delivering the communication to the intended recipient, please notify us immediately by replying to this message and then delete this message from your system. You are hereby notified that any use, dissemination, distribution and/or reproduction of this message and/or any attachments by unintended recipients is unauthorized and may be unlawful.

**From:** David, Samara [BCCDC]

**Sent:** Monday, November 16, 2020 12:42 PM

**To:** Henry, Bonnie [EXT]; [HLTH.COVIDAnalytics@gov.bc.ca](mailto:HLTH.COVIDAnalytics@gov.bc.ca)

**Cc:** Ahmed, May [BCCDC]; Allison, Sandra [VIHA]; Amos, Heather [BCCDC]; Barry, Stacy [BCCDC]; Bharmal, Aamir [FH]; Bloemink, Karen [IHA]; Boyd, Eva [BCCDC]; Brodtkin, Elizabeth Dr. [FH]; Brown, Libby [PHSA]; Brown, Ross Dr [VCH]; Buxton, Jane [BCCDC]; CD Epi; Chan, Elaine [BCCDC]; Chhokar, Rahul [FH]; Chilton, Katharine [BCCDC]; Choi, Alexandra [VA]; Clair, Veronic [BCCDC]; Corneil, Trevor [EX]; Coss, Michael [BCCDC]; Crabtree, Alexis [BCCDC]; Daly, Patty [VCH]; David, Samara [BCCDC]; Dawar, Meena [VCH]; Emerson, Brian [EXT]; Flatt, Alexandra [PHSA]; Forsting, Sara [VCH]; Galanis, Eleni [BCCDC]; Golmohammadi, Dr. Kamran [IHA]; Grennan, Troy [BCCDC]; Gustafson, Reka [BCCDC]; Hampe, Tanis [NHA]; Harding, John [VCH]; Hayden, Althea [VCH]; Henderson, Sarah [BCCDC]; Hoang, Linda [BCCDC]; Hoyano, Dee (Dr) [VIHA]; [Ian.Rongve@gov.bc.ca](mailto:Ian.Rongve@gov.bc.ca) [Ext]; Janjua, Naveed [BCCDC]; Jassem, Agatha [BCCDC]; Kim, Jong [NHA]; Kinniburgh, Brooke [VCH]; Kling, Rakel [NHA]; Kow, Janet [PH]; Krajden, Mel [BCCDC]; Levett, Paul [BCCDC]; Lysyshyn, Mark [VCH]; Meier, Stephanie [BCCDC]; MejiaMulet, Fernando [FH]; Mema, Dr. Silvina [IHA]; Morshed, Muhammad [BCCDC]; MoustaqimBarrette, Amina [VCH]; Naus, Monika [BCCDC]; Newhouse, Emily [FH]; Noftall, Kyle [BCCDC]; O'Donnell, Maureen [PHSA]; Ogilvie, Gina [BCCDC]; Patrick, David [BCCDC]; Pederson, Ann [CWBC]; PHESU [IHA]; Prystajek, Natalie [BCCDC]; Sandhu, Jat [BCCDC]; Schmid, Victoria [EXT]; Sekirov, Inna [BCCDC]; Skowronski, Danuta [BCCDC]; Smolina, Kate [BCCDC]; [Stephen.Brown@gov.bc.ca](mailto:Stephen.Brown@gov.bc.ca) [Ext]; StJean, Martin [VCH]; Taylor, Jessica [BCCDC]; Taylor, Marsha [BCCDC]; Therrien, Darlene [EXT]; Treloar, Chelsea [BCCDC]; Trieu, Jeffrey [BCCDC]; Tyler, Ingrid [FH]; VCH Public Health Surveillance Unit [VCH]; Walsh, Sara [Ext]; Wong, Jason [BCCDC]; Zamanpour, Arina [BCCDC]; Zbar, Ariella [FH]

**Subject:** November 13, 2020 COVID Update - HA Case and Outbreak Tallies

Apologies if you opened the earlier version – please see the corrected death numbers for FHA attached. Please find attached the daily case and outbreak tallies – Table 1 and available data for tables 2-3. These data are preliminary and will be updated once all of the data are complete. These data are confidential and embargoed until after 4PM.

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Please contact me directly ([samara.david@bccdc.ca](mailto:samara.david@bccdc.ca)) if you have any questions.

Thank you,

Samara

---

**Samara David, MHSc**

Epidemiologist

Communicable Diseases & Immunization Service

BC Centre for Disease Control

Provincial Health Services Authority

655 West 12th Avenue

Vancouver, BC, Canada V5Z 4R4

Tel 604.707.2524, Fax 604.707.2515

[samara.david@bccdc.ca](mailto:samara.david@bccdc.ca)

[www.bccdc.ca](http://www.bccdc.ca)



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**From:** [Therrien, Darlene HLTH:EX](#)  
**To:** [Parmar, Kalbir S HLTH:EX](#)  
**Subject:** UPDATE ... November 13, 2020 COVID Update - HA Case and Outbreak Tallies  
**Date:** November 16, 2020 1:23:08 PM  
**Importance:** High

---

Darlene

As Dr. Bonnie Henry says:

"Be Kind, Be Calm, Stay Safe"

Mobile 250-217-2818

-----Original Message-----

From: Rongve, Ian HLTH:EX <[Ian.Rongve@gov.bc.ca](mailto:Ian.Rongve@gov.bc.ca)>  
Sent: November 16, 2020 1:14 PM  
To: Pokorny, Peter HLTH:EX <[Peter.Pokorny@gov.bc.ca](mailto:Peter.Pokorny@gov.bc.ca)>; Therrien, Darlene HLTH:EX <[Darlene.Therrien@gov.bc.ca](mailto:Darlene.Therrien@gov.bc.ca)>; Moulton, Holly HLTH:EX <[Holly.Moulton@gov.bc.ca](mailto:Holly.Moulton@gov.bc.ca)>  
Subject: FW: November 13, 2020 COVID Update - HA Case and Outbreak Tallies

-----Original Message-----

From: David, Samara [BCCDC] <[Samara.David@bccdc.ca](mailto:Samara.David@bccdc.ca)>  
Sent: November 16, 2020 1:13 PM  
To: Rongve, Ian HLTH:EX <[Ian.Rongve@gov.bc.ca](mailto:Ian.Rongve@gov.bc.ca)>; Henry, Bonnie HLTH:EX <[Bonnie.Henry@gov.bc.ca](mailto:Bonnie.Henry@gov.bc.ca)>  
Subject: RE: November 13, 2020 COVID Update - HA Case and Outbreak Tallies

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Yes, we will incorporate FHA's updated numbers into the next version of the report.

Thank you,  
Samara

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Samara David, MHSc  
Epidemiologist  
Tel 604.707.2524, Fax 604.707.2515

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-----Original Message-----

From: Rongve, Ian HLTH:EX [<mailto:Ian.Rongve@gov.bc.ca>]  
Sent: Monday, November 16, 2020 1:02 PM

To: David, Samara [BCCDC]; Henry, Bonnie [EXT]  
Subject: Re: November 13, 2020 COVID Update - HA Case and Outbreak Tallies

EXTERNAL SENDER. If you suspect this message is malicious, please forward to [spam@phsa.ca](mailto:spam@phsa.ca) and do not open attachments or click on links.

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Hi Samara. I understand there is an exercise to look at the FHA case numbers.

Sent from my iPhone

On Nov 16, 2020, at 12:41 PM, David, Samara [BCCDC] <[Samara.David@bccdc.ca](mailto:Samara.David@bccdc.ca)> wrote:

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Apologies if you opened the earlier version – please see the corrected death numbers for FHA attached.

Please find attached the daily case and outbreak tallies – Table 1 and available data for tables 2-3. These data are preliminary and will be updated once all of the data are complete. These data are confidential and embargoed until after 4PM.

Thank you to the epidemiologists in each HA for providing their data in support of this daily summary, and to Kyle Noftall, Eva Boyd, May Ahmed, and Andrea Schertzer for compiling.

Please contact me directly ([samara.david@bccdc.ca](mailto:samara.david@bccdc.ca)<<mailto:samara.david@bccdc.ca>>) if you have any questions.

Thank you,  
Samara

---

Samara David, MHSc  
Epidemiologist  
Communicable Diseases & Immunization Service BC Centre for Disease Control Provincial Health Services  
Authority  
655 West 12th Avenue  
Vancouver, BC, Canada V5Z 4R4  
Tel 604.707.2524, Fax 604.707.2515  
[samara.david@bccdc.ca](mailto:samara.david@bccdc.ca)<<mailto:samara.david@bccdc.ca>>  
[www.bccdc.ca](http://www.bccdc.ca)<<http://www.bccdc.ca>>

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<Daily\_HA-based\_report\_Nov 16\_Tables1-3v2.docx>

**From:** [Therrien, Darlene HLTH:EX](#)  
**To:** [XT:HLTH David, Samara](#)  
**Cc:** [Parmar, Kalbir S HLTH:EX](#); [XT:HLTH Chhokar, Rahul](#); [Fung, Christina K \[FH\]](#); [CD Epi](#); [XT:Taylor, Marsha HLTH:IN](#)  
**Subject:** RE: ETA on confirmation of the November 16, 2020 COVID Update - HA Case and Outbreak Tallies  
**Date:** November 16, 2020 2:37:39 PM

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Thanks so much Samara!

Darlene

*As Dr. Bonnie Henry says:  
"Be Kind, Be Calm, Stay Safe"*

Mobile 250-217-2818

---

**From:** David, Samara [BCCDC] <Samara.David@bccdc.ca>  
**Sent:** November 16, 2020 2:28 PM  
**To:** Therrien, Darlene HLTH:EX <Darlene.Therrien@gov.bc.ca>  
**Cc:** Parmar, Kalbir S HLTH:EX <Kalbir.Parmar@gov.bc.ca>; XT:HLTH Chhokar, Rahul <rahul.chhokar@fraserhealth.ca>; Fung, Christina K [FH] <ChristinaK.Fung@fraserhealth.ca>; CD Epi <CDEpi@fraserhealth.ca>; XT:Taylor, Marsha HLTH:IN <marsha.taylor@bccdc.ca>  
**Subject:** RE: ETA on confirmation of the November 16, 2020 COVID Update - HA Case and Outbreak Tallies

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Hi Darlene,

Apologies, I replied to Bonnie directly – trying to minimize the number of emails in everyone's inboxes.

We came up with numbers by calculating the total number of cases reported by FHA today (14,175 after data cleaning). Subtracted Friday's number of cases (12,814) to get the new today (1,361).

Then we used the breakdown FHA provided for Fri-Sat (472) and Sat-Sun (428); and calculated the Sun-Mon as (1,361-472-428) so it would all add up. This is what we usually do for weekend calculations.

I am not sure how these numbers compare to those you received directly from FHA or how theirs were calculated. I have copied the FHA epis.

Thank you,  
Samara

---

**Samara David, MHSc**

Epidemiologist

Tel 604.707.2524, Fax 604.707.2515

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---

**From:** Therrien, Darlene HLTH:EX [<mailto:Darlene.Therrien@gov.bc.ca>]

**Sent:** Monday, November 16, 2020 2:26 PM

**To:** David, Samara [BCCDC]

**Cc:** Parmar, Kalbir S HLTH:EX

**Subject:** ETA on confirmation of the November 16, 2020 COVID Update - HA Case and Outbreak Tallies

**Importance:** High

**EXTERNAL SENDER.** If you suspect this message is malicious, please forward to [spam@phsa.ca](mailto:spam@phsa.ca) and **do not** open attachments or click on links.

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Hi Samara,

Apologies – as I know you are busy today. Have you been able to confirm data is correct as per Bonnie's request below. We need to get the Minister's report confirmed before we send it for the 3pm media briefing.

Many, many thanks.

*Kind Regards,  
Darlene*

Darlene Therrien

Executive Director, Planning, Analysis and Reporting

COVID Response and Health Emergency Management

Mobile 250-217-2818

---

**From:** Henry, Bonnie HLTH:EX <[Bonnie.Henry@gov.bc.ca](mailto:Bonnie.Henry@gov.bc.ca)>

**Sent:** November 16, 2020 1:52 PM

**To:** Covid [BCCDC] <[covid@bccdc.ca](mailto:covid@bccdc.ca)>

**Subject:** Re: November 16, 2020 COVID Update - HA Case and Outbreak Tallies

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Thank you

Dr Bonnie Henry  
Provincial Health Officer  
Ministry of Health  
[Bonnie.henry@gov.bc.ca](mailto:Bonnie.henry@gov.bc.ca)  
s.17; s.19

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Thank you,  
Samara

---

**Samara David, MHSc**

Epidemiologist  
Tel 604.707.2524, Fax 604.707.2515

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**To:** Henry, Bonnie [EXT]; [HLTH.COVIDAnalytics@gov.bc.ca](mailto:HLTH.COVIDAnalytics@gov.bc.ca)  
**Cc:** Ahmed, May [BCCDC]; Allison, Sandra [VIHA]; Amos, Heather [BCCDC]; Barry, Stacy [BCCDC]; Bharmal, Aamir [FH]; Bloemink, Karen [IHA]; Boyd, Eva [BCCDC]; Brodtkin, Elizabeth Dr. [FH]; Brown, Libby [PHSA]; Brown, Ross Dr [VCH]; Buxton, Jane [BCCDC]; CD Epi; Chan, Elaine [BCCDC]; Chhokar, Rahul [FH]; Chilton, Katharine [BCCDC]; Choi, Alexandra [VA]; Clair, Veronic [BCCDC]; Corneil, Trevor [EX]; Coss, Michael [BCCDC]; Crabtree, Alexis [BCCDC]; Daly, Patty [VCH]; David, Samara [BCCDC]; Dawar, Meena

[VCH]; Emerson, Brian [EXT]; Flatt, Alexandra [PHSA]; Forsting, Sara [VCH]; Galanis, Eleni [BCCDC]; Golmohammadi, Dr. Kamran [IHA]; Grennan, Troy [BCCDC]; Gustafson, Reka [BCCDC]; Hampe, Tanis [NHA]; Harding, John [VCH]; Hayden, Althea [VCH]; Henderson, Sarah [BCCDC]; Hoang, Linda [BCCDC]; Hoyano, Dee (Dr) [VIHA]; [Ian.Rongve@gov.bc.ca](mailto:Ian.Rongve@gov.bc.ca) [Ext]; Janjua, Naveed [BCCDC]; Jassem, Agatha [BCCDC]; Kim, Jong [NHA]; Kinniburgh, Brooke [VCH]; Kling, Rakel [NHA]; Kow, Janet [PH]; Krajden, Mel [BCCDC]; Levett, Paul [BCCDC]; Lysyshyn, Mark [VCH]; Meier, Stephanie [BCCDC]; MejiaMulet, Fernando [FH]; Mema, Dr. Silvina [IHA]; Morshed, Muhammad [BCCDC]; MoustaqimBarrette, Amina [VCH]; Naus, Monika [BCCDC]; Newhouse, Emily [FH]; Nofall, Kyle [BCCDC]; O'Donnell, Maureen [PHSA]; Ogilvie, Gina [BCCDC]; Patrick, David [BCCDC]; Pederson, Ann [CWBC]; PHESU [IHA]; Prystajewsky, Natalie [BCCDC]; Sandhu, Jat [BCCDC]; Schmid, Victoria [EXT]; Sekirov, Inna [BCCDC]; Skowronski, Danuta [BCCDC]; Smolina, Kate [BCCDC]; [Stephen.Brown@gov.bc.ca](mailto:Stephen.Brown@gov.bc.ca) [Ext]; StJean, Martin [VCH]; Taylor, Jessica [BCCDC]; Taylor, Marsha [BCCDC]; Therrien, Darlene [EXT]; Treloar, Chelsea [BCCDC]; Trieu, Jeffrey [BCCDC]; Tyler, Ingrid [FH]; VCH Public Health Surveillance Unit [VCH]; Walsh, Sara [Ext]; Wong, Jason [BCCDC]; Zamanpour, Arina [BCCDC]; Zbar, Ariella [FH]  
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Thank you,  
Samara

---

**Samara David, MHSc**

Epidemiologist  
Communicable Diseases & Immunization Service  
BC Centre for Disease Control  
Provincial Health Services Authority  
655 West 12th Avenue  
Vancouver, BC, Canada V5Z 4R4  
Tel 604.707.2524, Fax 604.707.2515  
[samara.david@bccdc.ca](mailto:samara.david@bccdc.ca)  
[www.bccdc.ca](http://www.bccdc.ca)

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## Cameron, Jessica HLTH:EX

---

**From:** Parmar, Kalbir S HLTH:EX  
**Sent:** November 16, 2020 11:16 AM  
**To:** Therrien, Darlene HLTH:EX  
**Subject:** Data delays

Hi, Darlene.

As an FYI – we got notification from BCCDC that they are experiencing data delays today. Two of the HAs were delayed in getting data to the BCCDC.

They are trying hard to first send a preliminary report with case counts (which will still be later than usual) but outbreaks will definitely be delayed and might not make the deadline.

Kal

### **Kal Parmar**

Director, Analysis & Reporting  
Planning, Analysis and Reporting Branch  
COVID Response and Health Emergency Management Division | B.C. Ministry of Health  
1515 Blanshard St 2nd Floor, PO Box 9654 STN PROV GOVT, Victoria B.C. V8W 9P4

Phone: 778-698-1997 | Mobile: 250-213-7079  
Email: [kalbir.parmar@gov.bc.ca](mailto:kalbir.parmar@gov.bc.ca)

*“This is our time to be kind, to be calm and to be safe.” – Dr. Bonnie Henry*

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## Cameron, Jessica HLTH:EX

---

**From:** David, Samara [BCCDC] <Samara.David@bccdc.ca>  
**Sent:** November 17, 2020 11:27 AM  
**To:** Fung, Christina K [FH]; Parmar, Kalbir S HLTH:EX; XT:HLTH Chhokar, Rahul; XT:HLTH Galanis, Eleni; XT:Taylor, Marsha HLTH:IN  
**Subject:** RE: FHA Dates in the COVID Dashboard

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Thank you so much Christina!

We will start with that file once the tallies are done.

Samara

---

**Samara David, MHSc**

Epidemiologist

Tel 604.707.2524, Fax 604.707.2515

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---

**From:** Fung, Christina K [FH]  
**Sent:** Tuesday, November 17, 2020 11:22 AM  
**To:** David, Samara [BCCDC]; 'Parmar, Kalbir S HLTH:EX'; Chhokar, Rahul [FH]; Galanis, Eleni [BCCDC]; Taylor, Marsha [BCCDC]  
**Subject:** RE: FHA Dates in the COVID Dashboard

Hi Samara,

The revised line list using the lab reported date for the weekend data has been placed in the shared folder.

Let me know if you have any questions.

Thanks,  
Christina

**Christina Fung**

Senior Epidemiologist, Population and Public Health

Tel: 604-930-5404 ext. 765716

Cell: 236-332-6303

Fax: 604-930-5414 or 604-587-7861 (outbreaks)

Email: [ChristinaK.Fung@fraserhealth.ca](mailto:ChristinaK.Fung@fraserhealth.ca)

---

**From:** David, Samara [BCCDC] <Samara.David@bccdc.ca>

**Sent:** Tuesday, November 17, 2020 10:51 AM

**To:** 'Parmar, Kalbir S HLTH:EX' <Kalbir.Parmar@gov.bc.ca>; Chhokar, Rahul [FH] <rahul.chhokar@fraserhealth.ca>; Fung, Christina K [FH] <ChristinaK.Fung@fraserhealth.ca>; Galanis, Eleni [BCCDC] <Eleni.Galanis@bccdc.ca>; Taylor, Marsha [BCCDC] <Marsha.Taylor@bccdc.ca>

**Subject:** FHA Dates in the COVID Dashboard

Hi Everyone,

Thank you so much for making yourselves available on such short notice and also for working to find a solution for this issue.

Here is the summary of our conversation that Eleni just sent Reka.

We just met with the MOH (Kal) and FHA (Rahul and Christina). As anticipated, FHA stated that the discrepancy was due to an unusually large delay in data entry on their end.

We identified the following immediate solution for this past weekend's data: FHA will resend their weekend data file using their "lab reported date" rather than "date entered into PARIS" which is what they usually send. We will upload this new file to the dashboard. This is anticipated to occur by early afternoon today. There will still be a discrepancy between the number of new cases and the number of cases reported by day but this will be minimal and not readily apparent on the epicurve. We could not identify any other solution that could be implemented this quickly or get a closer approximation. I hope this will be satisfactory. Can you please brief Ian and others?

BCCDC, FHA and MOH will meet again later this week to discuss long term options. Rahul assures us this will not occur again but we need to plan for this possibility.

Please feel free to circulate within your teams as needed. I will set up a meeting with Rahul and Christina for the end of this week.

Thank you,  
Samara

---

**Samara David, MHSc**

Epidemiologist

Communicable Diseases & Immunization Service

BC Centre for Disease Control

Provincial Health Services Authority

655 West 12th Avenue

Vancouver, BC, Canada V5Z 4R4

Tel 604.707.2524, Fax 604.707.2515

[samara.david@bccdc.ca](mailto:samara.david@bccdc.ca)

[www.bccdc.ca](http://www.bccdc.ca)

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## Cameron, Jessica HLTH:EX

---

**From:** David, Samara [BCCDC] <Samara.David@bccdc.ca>  
**Sent:** November 18, 2020 10:57 AM  
**To:** Therrien, Darlene HLTH:EX  
**Cc:** XT:HLTH Galanis, Eleni; XT:Taylor, Marsha HLTH:IN; Parmar, Kalbir S HLTH:EX  
**Subject:** RE: Draft note

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Hi Darlene,

Thank you for these edits - they look good. The wording "New Cases" should be replaced with the new heading (i.e. "Today's New Cases").

To confirm, at the 2pm Dashboard call today, Marsha will ask that the "New Cases" heading be changed to "Today's New Cases" and the note below be added to both graphs - correct?

Thank you,  
Samara

---

Samara David, MHSc  
Epidemiologist  
Tel 604.707.2524, Fax 604.707.2515

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-----Original Message-----

**From:** Therrien, Darlene HLTH:EX [mailto:Darlene.Therrien@gov.bc.ca]  
**Sent:** Wednesday, November 18, 2020 9:42 AM  
**To:** David, Samara [BCCDC]  
**Cc:** Galanis, Eleni [BCCDC]; Taylor, Marsha [BCCDC]  
**Subject:** Re: Draft note

EXTERNAL SENDER. If you suspect this message is malicious, please forward to spam@phsa.ca and do not open attachments or click on links.

-----

Hi Samara,

I tried to simplify a bit... how does this sound?

\* The "New Cases" for a day may be different to what is reported on the graph due to varying cut-off times and data updates. See the Data Notes for details.

Any comments on the new cases clarification?

Another option is  
New Cases (point in time)

Darlene  
As Dr. Bonnie Henry says:  
"Be Kind, Be Calm, Be Safe"

250-217-2818

On Nov 18, 2020, at 8:44 AM, David, Samara [BCCDC] <Samara.David@bccdc.ca> wrote:

[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.

Hi Darlene,

Here is a draft note.

\* The number of cases reported to public health on a given day may not be the same as the number of "New Cases" on that day. This is due to different time cut-offs and ongoing improvements to the data. More details are provided in the Data Notes.

Thank you,  
Samara

---

Samara David, MHSc  
Epidemiologist  
Communicable Diseases & Immunization Service BC Centre for Disease Control Provincial Health Services Authority  
655 West 12th Avenue  
Vancouver, BC, Canada V5Z 4R4  
Tel 604.707.2524, Fax 604.707.2515  
samara.david@bccdc.ca<mailto:samara.david@bccdc.ca>  
www.bccdc.ca<http://www.bccdc.ca/>

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## Cameron, Jessica HLTH:EX

---

**From:** Parmar, Kalbir S HLTH:EX  
**Sent:** November 20, 2020 9:11 AM  
**To:** Therrien, Darlene HLTH:EX  
**Subject:** FW: Today's data uploaded to production

FYI. Yesterday, Bonnie announced the “preliminary” case count numbers that were sent by BCCDC prior to the final version of the tallies. The case counts were “538” at that point. When the final version of the tallies was sent, it was corrected to “536” cases. Although a correction was sent through BCCDC and our Minister’s report, Bonnie/Minister still reported the “538” number incorrectly. The dashboard reflects the correct number, at 536.

This is just a heads up that Ian, the DM and GCPE may need to know about this.

Kal

### Kal Parmar

Director, Analysis & Reporting  
COVID Response and Health Emergency Management Division  
Phone: 778-698-1997 | Mobile: 250-213-7079

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---

**From:** Taylor, Marsha [BCCDC]  
**Sent:** November 20, 2020 8:53 AM  
**To:** Parmar, Kalbir S HLTH:EX  
**Cc:** XT:HLTH David, Samara  
**Subject:** FW: Today's data uploaded to production

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Hi Kal-

As you can see last night Heather noted the dashboard and the new cases in the press statement were different.

In the press statement the number was 538 which were the numbers in our preliminary report and 536 (on the dashboard) were the final numbers we issued at 2. I recognize yesterday was quite chaotic so I just wanted to reach out to see if the reason was timing and unable to update or other issues?

We will base our numbers today off the numbers we issued at 2. Recognizing that the number “today” only last for a moment in time and will be replaced today by new data.

Just wanted to flag for you in case you get questions as well.  
Marsha

---

**From:** Amos, Heather [BCCDC]  
**Sent:** Thursday, November 19, 2020 5:43 PM  
**To:** Taylor, Marsha [BCCDC]; Coss, Michael [BCCDC]; Cousseiro, Danielle [BCCDC]; 'Ben.Arril@gov.bc.ca'; 'Gurdeep.Singh@gov.bc.ca'; Roe, Ian [BCCDC]

**Cc:** Caird, Hannah [BCCDC]  
**Subject:** RE: Today's data uploaded to production

I think that's the case. Thanks!

---

**From:** Taylor, Marsha [BCCDC]  
**Sent:** Thursday, November 19, 2020 5:33 PM  
**To:** Coss, Michael [BCCDC]; Amos, Heather [BCCDC]; Cousseiro, Danielle [BCCDC]; 'Ben.Arril@gov.bc.ca'; 'Gurdeep.Singh@gov.bc.ca'; Roe, Ian [BCCDC]  
**Cc:** Caird, Hannah [BCCDC]  
**Subject:** RE: Today's data uploaded to production

We reported 536 in the final update of the tally report. There was a preliminary report which was 538 that went to a small group. Perhaps this wasn't corrected in the statement.

Marsha

---

**From:** Coss, Michael [BCCDC]  
**Sent:** Thursday, November 19, 2020 5:21 PM  
**To:** Amos, Heather [BCCDC]; Cousseiro, Danielle [BCCDC]; 'Ben.Arril@gov.bc.ca'; 'Gurdeep.Singh@gov.bc.ca'; Taylor, Marsha [BCCDC]; Roe, Ian [BCCDC]  
**Cc:** Caird, Hannah [BCCDC]  
**Subject:** RE: Today's data uploaded to production

536 was in the tally that I saw.

---

**From:** Amos, Heather [BCCDC]  
**Sent:** Thursday, November 19, 2020 5:17 PM  
**To:** Cousseiro, Danielle [BCCDC] <[danielle.cousseiro@bccdc.ca](mailto:danielle.cousseiro@bccdc.ca)>; 'Ben.Arril@gov.bc.ca' <[Ben.Arril@gov.bc.ca](mailto:Ben.Arril@gov.bc.ca)>; 'Gurdeep.Singh@gov.bc.ca' <[Gurdeep.Singh@gov.bc.ca](mailto:Gurdeep.Singh@gov.bc.ca)>; Taylor, Marsha [BCCDC] <[Marsha.Taylor@bccdc.ca](mailto:Marsha.Taylor@bccdc.ca)>; Coss, Michael [BCCDC] <[Michael.Coss@bccdc.ca](mailto:Michael.Coss@bccdc.ca)>; Roe, Ian [BCCDC] <[Ian.Roe@bccdc.ca](mailto:Ian.Roe@bccdc.ca)>  
**Cc:** Caird, Hannah [BCCDC] <[hannah.caird@bccdc.ca](mailto:hannah.caird@bccdc.ca)>  
**Subject:** RE: Today's data uploaded to production

Hi,

I see the number on the dashboard is different than what was reported today in the briefing in statement, 536 vs 538. Any ideas?

Heather

---

**From:** Cousseiro, Danielle [BCCDC]  
**Sent:** Thursday, November 19, 2020 4:13 PM  
**To:** 'Ben.Arril@gov.bc.ca'; 'Gurdeep.Singh@gov.bc.ca'; Taylor, Marsha [BCCDC]; Coss, Michael [BCCDC]; Amos, Heather [BCCDC]; Roe, Ian [BCCDC]  
**Cc:** Caird, Hannah [BCCDC]  
**Subject:** Today's data uploaded to production

Hello,

Today's data was uploaded to production.  
The rate of people tested is from yesterday.

Thank you,

**Danielle Cousseiro**

Data Analyst, Health Surveillance

Data & Analytic Services

Communicable Diseases & Immunization Service

**BC Centre for Disease Control**

**Provincial Health Service Authority**

655 West 12th Avenue

Vancouver, BC, Canada V5Z 4R4

604-328-9443

[danielle.cousseiro@bccdc.ca](mailto:danielle.cousseiro@bccdc.ca)



## Cameron, Jessica HLTH:EX

---

**From:** Parmar, Kalbir S HLTH:EX  
**Sent:** November 24, 2020 3:08 PM  
**To:** Therrien, Darlene HLTH:EX  
**Subject:** BCCDC messaging

They said the following regarding Plover and Exceleris:

For case reporting we receive information from the health authorities based on the information they have for cases. I know some use PLOVER to identify cases. I am not sure exactly what Exceleris is or how it overlaps (or doesn't) with PLOVER.

The BCCDC lab also receives lab-level (not case level) information.

They forwarded their inquiry to Hind to see what she thinks.

In terms of messaging they said to defer to the FHA communications/VP team for plain language messages as they can't comment on it.

FHA has not provided BCCDC with the data required in order to break the cases down over the last 4 days so they can't "smooth" anything out in the dashboard.

### **Kal Parmar**

Director, Analysis & Reporting  
Planning, Analysis and Reporting Branch  
COVID Response and Health Emergency Management Division | B.C. Ministry of Health  
1515 Blanshard St 2nd Floor, PO Box 9654 STN PROV GOVT, Victoria B.C. V8W 9P4

Phone: 778-698-1997 | Mobile: 250-213-7079

Email: [kalbir.parmar@gov.bc.ca](mailto:kalbir.parmar@gov.bc.ca)

*"This is our time to be kind, to be calm and to be safe." – Dr. Bonnie Henry*

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## Cameron, Jessica HLTH:EX

---

**From:** Parmar, Kalbir S HLTH:EX  
**Sent:** November 24, 2020 2:15 PM  
**To:** Therrien, Darlene HLTH:EX  
**Subject:** FW: FHA data today

**Importance:** High

As discussed over text.

### Kal Parmar

Director, Analysis & Reporting  
COVID Response and Health Emergency Management Division  
Phone: 778-698-1997 | Mobile: 250-213-7079

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---

**From:** David, Samara [BCCDC]  
**Sent:** November 24, 2020 2:11 PM  
**To:** Parmar, Kalbir S HLTH:EX  
**Subject:** FW: FHA data today

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Hi Kal,

Please see the explanation below.

Thank you,  
Samara

---

### Samara David, MHSc

Epidemiologist  
Tel 604.707.2524, Fax 604.707.2515

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---

**From:** David, Samara [BCCDC]  
**Sent:** Tuesday, November 24, 2020 2:09 PM  
**To:** Gustafson, Reka [BCCDC]; Amos, Heather [BCCDC]; Galanis, Eleni [BCCDC]; Taylor, Marsha [BCCDC]; Sandhu, Jat [BCCDC]  
**Cc:** Coss, Michael [BCCDC]; Chhokar, Rahul [FH]; Fung, Christina K [FH]  
**Subject:** RE: FHA data today

Hi Everyone,

I have just spoke with Rahul and Christina. Reka's explanation is correct – the lab data from Exceleris appears to be coming to FHA in peaks and valleys, which throws things off when you look at numbers by day. Today's number includes cases that were resulted by the lab between Friday and Monday but not reported to FHA until today.

Given this is truly the date the cases were reported to FHA and we have already reported our case counts for yesterday (unless last week when we could smooth the numbers out over the weekend), there really isn't anything that can be done to "smooth-out" this reporting artifact. If there is a desire to include messaging around this, that could be done.

I have looped in Rahul and Christina to ensure everyone is involved in the same conversations.

Thank you,  
Samara

---

**Samara David, MHSc**

Epidemiologist  
Tel 604.707.2524, Fax 604.707.2515

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---

**From:** Gustafson, Reka [BCCDC]  
**Sent:** Tuesday, November 24, 2020 2:01 PM  
**To:** David, Samara [BCCDC]; Amos, Heather [BCCDC]; Galanis, Eleni [BCCDC]; Taylor, Marsha [BCCDC]; Sandhu, Jat [BCCDC]  
**Cc:** Coss, Michael [BCCDC]  
**Subject:** RE: FHA data today

Hi Everyone,

Apparently there was an error with reporting to FHA from Exceleris, and they had a large number of cases over the last four days that have not been reported to them. Spoke with Aamir, and he suggested connecting with Rahul, which it sounds like you have already done.

Thanks,

Reka

---

**From:** David, Samara [BCCDC]  
**Sent:** Tuesday, November 24, 2020 1:52 PM  
**To:** Amos, Heather [BCCDC] <[heather.amos@bccdc.ca](mailto:heather.amos@bccdc.ca)>; Gustafson, Reka [BCCDC] <[reka.gustafson@phsa.ca](mailto:reka.gustafson@phsa.ca)>; Galanis, Eleni [BCCDC] <[Eleni.Galanis@bccdc.ca](mailto:Eleni.Galanis@bccdc.ca)>; Taylor, Marsha [BCCDC] <[Marsha.Taylor@bccdc.ca](mailto:Marsha.Taylor@bccdc.ca)>  
**Cc:** Coss, Michael [BCCDC] <[Michael.Coss@bccdc.ca](mailto:Michael.Coss@bccdc.ca)>  
**Subject:** RE: FHA data today

Hi Heather,

We haven't heard anything directly from FHA. I have just reached out to their senior epis. I will let you know when I connect with them.

Thank you,  
Samara

---

**Samara David, MHSc**

Epidemiologist

Tel 604.707.2524, Fax 604.707.2515

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---

**From:** Amos, Heather [BCCDC]

**Sent:** Tuesday, November 24, 2020 1:47 PM

**To:** Gustafson, Reka [BCCDC]; Galanis, Eleni [BCCDC]; Taylor, Marsha [BCCDC]; David, Samara [BCCDC]

**Cc:** Coss, Michael [BCCDC]

**Subject:** FHA data today

**Importance:** High

Hi,

I just got a call from GCPE about today's numbers. Apparently FHA's are quite high because of some backlogs. Ian R. has asked FHA to provide the information about what date the cases were reported so that it can be explained in today's statement.

However, after last week's dashboard issue with the bundle of FHA cases on Monday, I thought we should connect now, earlier in the day.

Do you happen to know if FHA is also correcting the dates in their data files (that will ultimately populate the dashboard)? Is there something we need to add to the data notes for today to address this?

Heather

**Heather Amos**

Communications Officer

**BC Centre for Disease Control**

**Provincial Health Services Authority**

655 West 12th Avenue

Vancouver, BC V5Z 4R4

P: 604-707-2412

s.15

[heather.amos@phsa.ca](mailto:heather.amos@phsa.ca)

After hours media line: 778-867-7472

*I respectfully acknowledges that I live and work on the traditional, ancestral and unceded territories of the Skwxwú7mesh (Squamish), Selilwiltulh (Tsleil-Waututh), and xʷməθkʷəʔəm (Musqueam) Nations.*

## Cameron, Jessica HLTH:EX

---

**From:** David, Samara [BCCDC] <Samara.David@bccdc.ca>  
**Sent:** November 24, 2020 1:16 PM  
**To:** Parmar, Kalbir S HLTH:EX; XT:Taylor, Marsha HLTH:IN  
**Cc:** XT:HLTH Galanis, Eleni  
**Subject:** RE: FHA Numbers

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Hi Kal,

We haven't heard anything about this.

If FHA is able to provide us corrected numbers on their line list, we can incorporate them into the next report.

Thank you,  
Samara

---

**Samara David, MHSc**

Epidemiologist  
Tel 604.707.2524, Fax 604.707.2515

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---

**From:** Parmar, Kalbir S HLTH:EX [mailto:Kalbir.Parmar@gov.bc.ca]  
**Sent:** Tuesday, November 24, 2020 1:11 PM  
**To:** David, Samara [BCCDC]; Taylor, Marsha [BCCDC]  
**Cc:** Galanis, Eleni [BCCDC]  
**Subject:** FHA Numbers  
**Importance:** High

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---

Good afternoon, BCCDC team.

ADM Rongve got wind from FHA that their case numbers from the past few days are potentially incorrect due to an IT issue with Excelleris? His feeling is that the numbers are actually quite a bit higher than what's been reported over the past few days at FHA.

We were wondering if you also heard the same story and if so, are FHA's numbers going to be restated?

Thanks so much!  
Kal

**Kal Parmar**

Director, Analysis & Reporting

Planning, Analysis and Reporting Branch

COVID Response and Health Emergency Management Division | B.C. Ministry of Health

1515 Blanshard St 2nd Floor, PO Box 9654 STN PROV GOVT, Victoria B.C. V8W 9P4

Phone: 778-698-1997 | Mobile: 250-213-7079

Email: [kalbir.parmar@gov.bc.ca](mailto:kalbir.parmar@gov.bc.ca)

*"This is our time to be kind, to be calm and to be safe." – Dr. Bonnie Henry*

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**From:** [Sbihi, Hind \[BCCDC\]](#)  
**To:** [XT:HLTH David, Samara](#); [Parmar, Kalbir S HLTH:EX](#)  
**Subject:** RE: FHA data today  
**Date:** November 24, 2020 3:52:27 PM

---

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Hi Samara and Kal

As Samara says some HA use PLOVER and others use Exceleris such as FHA

Exceleris is a reporting system – we use it here at the BCCDC lab for reporting test results to ordering providers and to public health for communicable disease. It is independent from Plover.

The lab (ie.e specimen-level) data that we report to MOH (csv file sent to your team Kal + dashboard) is based on Plover. This means that each lab reports directly to us without going through another reporting system. That is the reason why Plover is used for reporting to MOH as it circumvents the need to go through all the reporting systems that other HA use (e.g. Exceleris whereas Interior may use another results distribution system)

Hope this helps

Hind

---

**From:** David, Samara [BCCDC]  
**Sent:** Tuesday, November 24, 2020 3:00 PM  
**To:** 'Parmar, Kalbir S HLTH:EX'  
**Cc:** Sbihi, Hind [BCCDC]  
**Subject:** RE: FHA data today

Hi Kal,

For case reporting we receive information from the health authorities based on the information they have for cases. I know some use PLOVER to identify cases. I am not sure exactly what Exceleris is or how it overlaps (or doesn't) with PLOVER.

The BCCDC lab also receives lab-level (not case level) information.

Perhaps Hind (copied here) can provide more info?

Thank you,

Samara

---

**Samara David, MHSc**

Epidemiologist

Tel 604.707.2524, Fax 604.707.2515

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---

**From:** Parmar, Kalbir S HLTH:EX [mailto:Kalbir.Parmar@gov.bc.ca]

**Sent:** Tuesday, November 24, 2020 2:23 PM

**To:** David, Samara [BCCDC]

**Subject:** RE: FHA data today

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---

Thanks Samara!

Do you know if FHA is the only HA that uses Exceleris? We're unsure what the difference is between this and "Plover"?

From what I understand, the BCCDC just receives data from the health authorities regardless of what system they use – Exceleris or Plover?

**Kal Parmar**

Director, Analysis & Reporting

COVID Response and Health Emergency Management Division

Phone: 778-698-1997 | Mobile: 250-213-7079

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---

**From:** David, Samara [BCCDC] <Samara.David@bccdc.ca>

**Sent:** November 24, 2020 2:11 PM

**To:** Parmar, Kalbir S HLTH:EX <Kalbir.Parmar@gov.bc.ca>

**Subject:** FW: FHA data today

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Hi Kal,

Please see the explanation below.



Thank you,  
Samara

---

**Samara David, MHSc**

Epidemiologist

Tel 604.707.2524, Fax 604.707.2515

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---

**From:** David, Samara [BCCDC]

**Sent:** Tuesday, November 24, 2020 2:09 PM

**To:** Gustafson, Reka [BCCDC]; Amos, Heather [BCCDC]; Galanis, Eleni [BCCDC]; Taylor, Marsha [BCCDC]; Sandhu, Jat [BCCDC]

**Cc:** Coss, Michael [BCCDC]; Chhokar, Rahul [FH]; Fung, Christina K [FH]

**Subject:** RE: FHA data today

Hi Everyone,

I have just spoke with Rahul and Christina. Reka's explanation is correct – the lab data from Exceleris appears to be coming to FHA in peaks and valleys, which throws things off when you look at numbers by day. Today's number includes cases that were resulted by the lab between Friday and Monday but not reported to FHA until today.

Given this is truly the date the cases were reported to FHA and we have already reported our case counts for yesterday (unless last week when we could smooth the numbers out over the weekend), there really isn't anything that can be done to "smooth-out" this reporting artifact. If there is a desire to include messaging around this, that could be done.

I have looped in Rahul and Christina to ensure everyone is involved in the same conversations.

Thank you,  
Samara

---

**Samara David, MHSc**

Epidemiologist

Tel 604.707.2524, Fax 604.707.2515

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**From:** Gustafson, Reka [BCCDC]  
**Sent:** Tuesday, November 24, 2020 2:01 PM  
**To:** David, Samara [BCCDC]; Amos, Heather [BCCDC]; Galanis, Eleni [BCCDC]; Taylor, Marsha [BCCDC]; Sandhu, Jat [BCCDC]  
**Cc:** Coss, Michael [BCCDC]  
**Subject:** RE: FHA data today

Hi Everyone,

Apparently there was an error with reporting to FHA from Exceleris, and they had a large number of cases over the last four days that have not been reported to them. Spoke with Aamir, and he suggested connecting with Rahul, which it sounds like you have already done.

Thanks,

Reka

---

**From:** David, Samara [BCCDC]  
**Sent:** Tuesday, November 24, 2020 1:52 PM  
**To:** Amos, Heather [BCCDC] <[heather.amos@bccdc.ca](mailto:heather.amos@bccdc.ca)>; Gustafson, Reka [BCCDC] <[reka.gustafson@phsa.ca](mailto:reka.gustafson@phsa.ca)>; Galanis, Eleni [BCCDC] <[Eleni.Galanis@bccdc.ca](mailto:Eleni.Galanis@bccdc.ca)>; Taylor, Marsha [BCCDC] <[Marsha.Taylor@bccdc.ca](mailto:Marsha.Taylor@bccdc.ca)>  
**Cc:** Coss, Michael [BCCDC] <[Michael.Coss@bccdc.ca](mailto:Michael.Coss@bccdc.ca)>  
**Subject:** RE: FHA data today

Hi Heather,

We haven't heard anything directly from FHA. I have just reached out to their senior epis. I will let you know when I connect with them.

Thank you,  
Samara

---

**Samara David, MHSc**  
Epidemiologist  
Tel 604.707.2524, Fax 604.707.2515

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**From:** Amos, Heather [BCCDC]

**Sent:** Tuesday, November 24, 2020 1:47 PM

**To:** Gustafson, Reka [BCCDC]; Galanis, Eleni [BCCDC]; Taylor, Marsha [BCCDC]; David, Samara [BCCDC]

**Cc:** Coss, Michael [BCCDC]

**Subject:** FHA data today

**Importance:** High

Hi,

I just got a call from GCPE about today's numbers. Apparently FHA's are quite high because of some backlogs. Ian R. has asked FHA to provide the information about what date the cases were reported so that it can be explained in today's statement.

However, after last week's dashboard issue with the bundle of FHA cases on Monday, I thought we should connect now, earlier in the day.

Do you happen to know if FHA is also correcting the dates in their data files (that will ultimately populate the dashboard)? Is there something we need to add to the data notes for today to address this?

Heather

**Heather Amos**

Communications Officer

**BC Centre for Disease Control**

**Provincial Health Services Authority**

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**After hours media line: 778-867-7472**

*I respectfully acknowledges that I live and work on the traditional, ancestral and unceded territories of the Skwxwú7mesh (Squamish), Seɫílwitlh (Tsleil-Waututh), and xʷməθkʷəy̓əm (Musqueam) Nations.*

# Daily COVID-19 Report

COVID Response and Health Emergency Management Division

November 16, 2020



Ministry of  
Health

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Rows and figures that are bolded indicate a change from the previous report

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## 1: Case Counts (as of Nov 16/10:00)

- 1,959 new cases have been reported since November 13
  - 3 new epi-linked cases have been reported since November 13 (1 IHA, 1 NHA, 1 VCHA)
  - 9 new deaths have been reported since November 13 (6 FHA, 1 NHA, 2 VCHA)

Table 1: Case counts

Case Counts											
Health Authority	Total Cases (Lab & Epi)	New Cases (last 24 hrs)	Total Lab-Confirmed Cases	Total Epi-Linked Cases	Currently in Hospital	Currently in ICU/HAU	Mechanically Ventilated	Active Cases	Actively Monitored	Recovered Cases	Deaths
FHA	14,175	461	14,042	133	117	30	13	4,676	6,314	9,088	138
IHA	1,088	25	1,045	43	2	0	0	204	655	881	3
VIHA	381	20	375	6	2	1	1	99	404	276	6
NHA	518	6	483	35	9	9	1	61	211	454	5
VCHA	6,692	134	6,620	72	51	17	5	1,238	3,344	5,304	147
Out of Canada	90	0	89	1	0			1	0	84	0
<b>TOTAL</b>	<b>22,944</b>	<b>646</b>	<b>22,654</b>	<b>290</b>	<b>181</b>	<b>57</b>	<b>20</b>	<b>6,279</b>	<b>10,928</b>	<b>16,087</b>	<b>299</b>
Case Count Totals from Last Four Days											
15-Nov	22,298	659				53	22				296
14-Nov	21,639	654				51	22				292
13-Nov	20,985	617	20,698	287	167	49	24	5,579	12,016	14,901	290
12-Nov	20,368	594	20,087	281	155	44	24	5,793	11,091	14,079	288

Collection of total case counts at the Ministry began on March 17, 2020.

Mechanically Ventilated numbers are included in the ICU/HAU figures and ICU/HAU numbers are included in the Currently in Hospital figures.

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## 2: Facility & Community Outbreaks (as of Nov 16/10:00)

- 14 new outbreaks have been reported since November 13 (8 FHA, 3 IHA, 3 VCHA)
- 4 outbreaks have been declared over since November 13 (1 FHA, 1 IHA, 2 VCHA)
- 2 new deaths have been reported in outbreaks since yesterday (1 at Fort Langley Seniors Community 2 – LTC in FHA, 1 at Rotary Manor – LTC in NHA)

Table 2.1: Outbreaks newly declared since last report

Outbreaks Newly Declared Since Last Report									
Outbreak Start Date	HA	Facility/Community Name	Facility Type	Totals		Residents/Students		Staff/Other	
				Total Cases	Total Deaths	Total Cases	Total Deaths	Total Cases	Total Deaths
11/15/2020	FHA	Burnaby Hospital BH-3C 2	Acute care	2	0	1	0	1	0
11/13/2020	FHA	Jackman Manor	LTC	4	0	3	0	1	0
11/13/2020	FHA	George Derby Centre 2	LTC	4	0	4	0	0	0
11/13/2020	FHA	Kiwanis Care Centre	LTC	1	0	0	0	1	0
11/12/2020	FHA	Dr. Al Hogg Pavilion 2	LTC	1	0	0	0	1	0
11/14/2020	IHA	Village by the Station	LTC	1	0	0	0	0	0
11/14/2020	IHA	Hamlets at Westsyde <sup>a</sup>	LTC	0	0	0	0	0	0
11/13/2020	IHA	Sun Pointe Village	LTC	1	0	0	0	0	0
11/13/2020	VCHA	Columbus Residence	LTC	3	0	2	0	1	0
11/13/2020	VCHA	Arbutus Care Centre 2	LTC	10	0	4	0	3	0
11/13/2020	VCHA	Holy Family Hospital 4	LTC	2	0	0	0	2	0
11/14/2020	FHA	PICS Assisted Living 3	Assisted living	2	0	1	0	1	0
11/14/2020	FHA	Cambridge Elementary School	School or daycare	6	0	2	0	4	0
11/13/2020	FHA	Platinum Athletic Club	Other	42	0	0	0	42	0
<b>TOTAL</b>				<b>79</b>	<b>0</b>	<b>17</b>	<b>0</b>	<b>57</b>	<b>0</b>

<sup>a</sup> An outbreak has been declared at Hamlets at Westsyde with cases not yet linked to the data.

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*Table 2.2: Outbreaks declared over in the last five business days*

Outbreaks Declared Over in the Last Five Business Days										
Outbreak Start Date	Outbreak End Date	HA	Facility/Community Name	Facility Type	Totals		Residents/Students		Staff/Other	
					Total Cases	Total Deaths	Total Cases	Total Deaths	Total Cases	Total Deaths
11/3/2020	11/14/2020	IHA	Village at Mill Creek	LTC	2	0	0	0	1	0
9/30/2020	11/14/2020	VCHA	Haro Park Centre, Entire Facility	LTC	22	1	15	1	7	0
10/17/2020	11/13/2020	FHA	Rosemary Height Seniors Village	LTC	6	1	4	1	2	0
11/3/2020	11/12/2020	VCHA	Pinegrove Place, 1st Floor	LTC	1	0	0	0	1	0
10/29/2020	11/12/2020	FHA	Queen's Park Hospital unit 3C NMSK 2	Acute Care	1	0	1	0	0	0
10/26/2020	11/12/2020	FHA	St. Michael's Centre	LTC	4	0	1	0	3	0
10/22/2020	11/12/2020	FHA	Coast Spas Manufacturing	Workplace	18	0	0	0	18	0
10/22/2020	11/12/2020	FHA	Pace Processing	Workplace	34	0	0	0	34	0
10/30/2020	11/11/2020	FHA	CareLife Fleetwood	LTC	2	0	0	0	2	0
10/28/2020	11/10/2020	VCHA	Yaletown House 3	LTC	1	0	0	0	1	0
10/28/2020	11/10/2020	FHA	Mayfair Terrace Retirement Residence	LTC	1	0	1	0	0	0
10/28/2020	11/10/2020	VCHA	Hamilton Village Care Centre	LTC	1	0	0	0	1	0
10/26/2020	11/7/2020	VCHA	Lakeview Care Centre*	LTC	1	0	0	0	1	0
<b>TOTAL</b>					<b>94</b>	<b>2</b>	<b>22</b>	<b>2</b>	<b>71</b>	<b>0</b>

\* Lakeview Care Centre outbreak was not reported over until November 13.



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*Table 2.3: Active reported outbreaks in care facilities*

Active Reported Outbreaks in Care Facilities			
Outbreak Start Date	HA	Facility/Community Name	Facility Type
11/15/2020	FHA	Burnaby Hospital BH-3C 2	Acute care
11/9/2020	FHA	Burnaby Hospital 2A	Acute Care
11/5/2020	FHA	Fellburn Care Center – PATH unit	Acute care
11/5/2020	FHA	Langley Memorial Hospital – 4SC	Acute care
11/5/2020	FHA	Ridge Meadows Hospital – AM Rehab 2	Acute care
10/1/2020	FHA	Surrey Memorial Hospital-5W	Acute care
11/11/2020	VIHA	NRGH/Transitions Unit	Acute Care
11/13/2020	FHA	Jackman Manor	LTC
11/13/2020	FHA	George Derby Centre 2	LTC
11/13/2020	FHA	Kiwanis Care Centre	LTC
11/12/2020	FHA	Dr. Al Hogg Pavilion 2	LTC
11/11/2020	FHA	Dania Home 2	LTC
11/11/2020	FHA	Finnish Manor	LTC
11/10/2020	FHA	Peace Portal Seniors Village 2	LTC
11/10/2020	FHA	The Harrison at Elim Village 2	LTC
11/9/2020	FHA	Langley Gardens LTC	LTC
11/9/2020	FHA	Holyrood Manor	LTC
11/7/2020	FHA	Normanna 2	LTC
11/6/2020	FHA	The Residence, Mission	LTC
11/5/2020	FHA	Fort Langley Seniors Community 2	LTC
11/5/2020	FHA	Northcrest Care Centre	LTC
11/5/2020	FHA	Suncreek Village	LTC

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11/4/2020	FHA	Tabor Home 2	LTC
11/3/2020	FHA	Hawthorne Seniors Care Community	LTC
11/3/2020	FHA	White Rock Seniors Village 2	LTC
11/2/2020	FHA	Belvedere Care Centre	LTC
11/1/2020	FHA	Good Samaritan Delta View Care Centre 2	LTC
10/26/2020	FHA	Fellburn Care Center	LTC
10/24/2020	FHA	Agassiz Seniors Community	LTC
10/22/2020	FHA	Laurel Place	LTC
10/19/2020	FHA	Evergreen Baptist Care Society	LTC
<b>11/14/2020</b>	<b>IHA</b>	<b>Village by the Station</b>	<b>LTC</b>
<b>11/14/2020</b>	<b>IHA</b>	<b>Hamlets at Westsyde</b>	<b>LTC</b>
<b>11/13/2020</b>	<b>IHA</b>	<b>Sun Pointe Village</b>	<b>LTC</b>
11/2/2020	NHA	Rotary Manor	LTC
<b>11/13/2020</b>	<b>VCHA</b>	<b>Columbus Residence</b>	<b>LTC</b>
<b>11/13/2020</b>	<b>VCHA</b>	<b>Arbutus Care Centre 2</b>	<b>LTC</b>
<b>11/13/2020</b>	<b>VCHA</b>	<b>Holy Family Hospital 4</b>	<b>LTC</b>
11/9/2020	VCHA	Capilano Care Centre	LTC
11/8/2020	VCHA	Fraserview Intermediate Care Lodge	LTC
10/26/2020	VCHA	Louis Brier Home and Hospital	LTC
10/23/2020	VCHA	Banfield Pavilion - 4th Floor West	LTC
10/21/2020	VCHA	Three Links Care Centre	LTC
10/18/2020	VCHA	Royal Arch Masonic Home 3	LTC
<b>11/14/2020</b>	<b>FHA</b>	<b>PICS Assisted Living 3</b>	<b>Assisted living</b>
11/8/2020	FHA	Harrison Pointe	Assisted Living
10/29/2020	FHA	Hawthorne Seniors Care Community	Assisted living
10/24/2020	FHA	Amenida Seniors Community	Independent living
10/27/2020	IHA	Okanagan Men's Centre	Group home (community living)

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*Table 2.4: Active reported outbreaks in other settings*

Active Reported Outbreaks in Other Settings			
Outbreak Start Date	HA	Facility/Community Name	Facility Type
11/2/2020	Provincial	Seymour Pacific Developments Worksite (MB)	Workplace/Communal Living
10/30/2020	Provincial	CNRL Albion Oil Sands (AB)	Workplace/Communal Living
10/22/2020	Provincial	Suncor Firebag Oil Sands	Workplace/Communal Living
10/10/2020	Provincial	CNRL Horizon Oil Sands (AB)	Workplace/Communal Living
10/2/2020	FHA	MSJ Distribution at Valhalla Distribution	Workplace
11/5/2020	IHA	RIH Construction Site	Workplace
<b>11/13/2020</b>	<b>FHA</b>	<b>Platinum Athletic Club</b>	<b>Other</b>
11/2/2020	FHA	Capella Dance Academy	Other
11/3/2020	IHA	La Casa Resort	Other
10/23/2020	Provincial	Big Horn Hotel, Watson Lake (YT)	Other

*Table 2.5: Active reported outbreaks in schools*

Active Reported Outbreaks in Schools			
Outbreak Start Date	HA	Facility/Community Name	Facility Type
11/14/2020	FHA	Cambridge Elementary School	School or daycare

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*Table 2.6a: Summary of outbreaks in care facilities*

Summary of Outbreaks in Care Facilities			
Outbreak Characteristic	Outbreak Status		Total
	Declared Over	Currently Active	
<b>Number of Outbreaks by Setting</b>			
<i>Acute care facility</i>	18	7	25
<i>Assisted living</i>	10	3	13
<i>Group home (community living)</i>	1	1	2
<i>Independent living</i>	6	1	7
<i>Long term care facility</i>	78	37	115
<i>Other residential facility type</i>	1	0	1
<b>Total</b>	<b>114</b>	<b>49</b>	<b>163</b>
<b>Number of Outbreaks by Health Authority</b>			
<i>Fraser</i>	75	34	109
<i>Interior</i>	3	4	7
<i>Northern</i>	0	1	1
<i>Vancouver Coastal</i>	36	9	45
<i>Vancouver Island</i>	0	1	1
<b>Total</b>	<b>114</b>	<b>49</b>	<b>163</b>

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*Table 2.6b: Summary of cases/deaths in care facilities*

Summary of Cases/Deaths in Care Facilities			
Outbreak Characteristic	Outbreak Status		Total
	Declared Over	Currently Active	
Number of Cases			
Total Cases	958	636	1594
Residents	537	377	914
Staff/other	413	242	655
Unknown	8	17	25
New Cases			
Residents			127
Staff/other			60
Unknown			17
Number of Deaths			
Total Deaths	178	23	201
Residents	178	23	201
Staff/other	0	0	0
Unknown	0	0	0
New Deaths			
Residents			3
Staff/other			0
Unknown			0

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*Table 2.7a: Summary of outbreaks in other facilities*

Summary of Outbreaks in Other Facilities			
Outbreak Characteristic	Outbreak Status		Total
	Declared Over	Currently Active	
<b>Number of Outbreaks by Setting</b>			
<i>Conference</i>	1	0	1
<i>Correctional facility</i>	3	0	3
<i>Religious institution</i>	1	0	1
<i>School or daycare</i>	1	1	2
<i>Shelter</i>	1	0	1
<i>Workplace not otherwise specified</i>	15	2	17
<i>Workplace with communal living</i>	3	3	6
<i>Other</i>	0	4	4
<b>Total</b>	<b>25</b>	<b>10</b>	<b>35</b>
<b>Number of Outbreaks by Health Authority</b>			
<i>Fraser</i>	13	4	17
<i>Interior</i>	8	2	10
<i>Vancouver Coastal</i>	1	0	1
<i>Provincial</i>	3	4	7
<b>Total</b>	<b>25</b>	<b>10</b>	<b>35</b>

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*Table 2.7b: Summary of outbreaks in other facilities*

Summary of Cases/Deaths in Other Facilities			
Outbreak Characteristic	Outbreak Status		Total
	Declared Over	Currently Active	
Number of Cases			
Total Cases	649	162	811
Residents	122	0	122
Students	10	45	55
Staff/other	461	100	561
Unknown	56	17	73
New Cases			
Residents			0
Students			2
Staff/other			0
Unknown			68
Number of Deaths			
Total Deaths	2	0	2
Residents	1	0	1
Students	0	0	0
Staff/other	1	0	1
Unknown	0	0	0
New Deaths			0
Residents			0
Students			0
Staff/other			0
Unknown			0

Figures from the summary tables are inclusive of newly declared active, newly declared over and all currently active outbreaks.

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### 3: COVID-19 App & Self-Assessment Tool (as of Nov 15/23:59)

*Table 3: COVID-19 app & self-assessment tool*

Date	Total App Users	Total SAT Visits	Distinct SAT Users	Peak SAT Activity (users/min)	Average SAT Activity (users/hr)
15-Nov	438,258	4,513,127	9,679	25.6	403.3
14-Nov	436,776		9,531	23.8	397.1
13-Nov	435,491		16,163	54.5	673.5
12-Nov	433,345	4,461,809	20,050	70.8	835.4
11-Nov	429,941	4,431,911	11,781	25.4	490.9

### 4: 8-1-1 Data (as of Nov 15/23:59)

*Table 4: 8-1-1 Calls*

Date	Calls Received	Calls Answered	Abandon Rate	Average Wait (min)	Max Wait of Answered (min)	Average Handle Time (min)	COVID-related Calls Received
15-Nov	3,266	2,775	15.0%	4.6	33.6	3.5	1,807
14-Nov	2,969	2,927	1.4%	0.3	7.8	3.2	1,447
13-Nov	3,689	3,281	11.1%	3.0	28.2	3.6	2,079
12-Nov	4,350	4,137	4.9%	1.3	10.7	3.3	2,695
11-Nov	3,317	3,269	1.4%	0.4	9.4	3.0	1,780
Average pre-COVID call volumes: 1,250/day							



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## 5: Collection Sites (as of Nov 15/23:59)

Table 5: Collection sites

Health Authority	Tests Collected	Proportion of Tests Collected within 24 hrs (%)	Collection Capacity	Drop-In Visits <sup>^</sup>	Median Drop-In Wait (mins)	90th Percentile Drop-In Wait (mins)	Proportion of Appointments Booked within 20 mins (%) <sup>^^</sup>
FHA	2,844	100.0	3,950	1,096	5 - 30 min		
IHA	467		650	7			100.0
NHA	75						
PHSA*	98	91.8	200	98	1.0	4.0	
VCHA**	1,061		2,500				
VIHA**	758	71.4	1,100				
<b>TOTAL</b>	<b>5,303</b>		<b>8,400</b>	<b>1,201</b>			

\* PHSA Median and 90<sup>th</sup> percentile drop-in wait times are based on the time between registration and test collection.

\*\* Whistler (VCHA) and VIHA collection volumes and capacity are reported with a 2-day delay.

<sup>^</sup> NHA and VIHA do not offer drop-in testing. IHA may have occasional drop-in if sites need to accommodate those who cannot get booked using the online system for testing within 24 hours.

<sup>^^</sup> FHA and IHA use an online system. Previously, IHA was using a call center model but switched to an online booking system.

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## 6: Lab Testing (as of Nov 15/23:59)

Table 6: Lab Testing

Health Authority	Total Lab Tests Completed <sup>^</sup>	New Tests Completed <sup>^</sup>	New Non-Positive Tests <sup>^^</sup>	New Positive Tests <sup>*</sup>	7 Day Avg. Test Positivity Rate (%)	Lab Samples Pending <sup>**</sup>	Today's Projected Testing Capacity <sup>**</sup>	Median Turnaround Time (hrs)	90th Percentile Turnaround Time (hrs)
FHA	397,533	4,599	4,138	461	9.5	1,240	1,565	32.1	50.8
IHA	104,648	801	777	24	3.5	6	1,128	24.9	44.3
NHA	30,662	95	90	5	4.7	12	148	48.0	48.0
VCHA	324,578	2,476	2,343	133	4.5	1,020	5,500	31.0	48.0
VIHA	113,769	1,270	1,250	20	1.2	532	1,288	14.4	48.0
OTHER	16,606	155	155	0	0.0	2,623	9,604	45.0	48.0
<b>TOTAL</b>	<b>987,796</b>	<b>9,396</b>	<b>8,753</b>	<b>643</b>	<b>6.6</b>	<b>5,433</b>	<b>19,233</b>	<b>29.4</b>	<b>48.0</b>
Lab Testing Totals from Last Four Business Days									
12-Nov	955,239	9,480	8,869	611	6.2	6,115	18,633	28.6	48.0
11-Nov	945,759	12,442	11,854	588	5.9	5,081	18,633	24.6	48.0
10-Nov	933,317	10,691	10,155	536	5.9	6,890	18,633	24.0	42.4
09-Nov	922,626	5,823	5,298	525	5.4	6,157	18,633	24.0	50.6

<sup>^</sup> Total Lab Tests Completed and New Tests Completed figures are aligned with the BCCDC COVID-19 Dashboard.

<sup>^^</sup> Non-positive tests include tests that have returned negative, indeterminate and invalid results.

<sup>\*</sup> New positive tests data contain unique individual positive tests only and is equivalent to new lab-confirmed case count figures.

<sup>\*\*</sup> Pending and projected lab test totals also include data from C&W, BCCDC and LifeLabs. PHC figures are included in the VCHA totals.

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## 7: BC Emergency Health Services Call Volumes (as of Oct 15/23:59)

Table 7.1: "Influenza-like illness" call volumes

"Influenza-like Illness" Call Volumes						
Date	IHA	FHA	VCHA	VIHA	NHA	TOTAL
<b>15-Nov</b>	<b>33</b>	<b>72</b>	<b>36</b>	<b>36</b>	<b>14</b>	<b>191</b>
14-Nov	36	89	56	33	11	225
13-Nov	40	72	54	33	13	212
12-Nov	29	82	44	49	17	221
11-Nov	31	75	25	34	16	181
Average pre-COVID ILI events: ~6 events/week across BC						

Table 7.2: Total provincial call volumes

Total Provincial Call Volumes						
Date	IHA	FHA	VCHA	VIHA	NHA	TOTAL
<b>15-Nov</b>	<b>263</b>	<b>446</b>	<b>310</b>	<b>257</b>	<b>91</b>	<b>1,367</b>
14-Nov	280	501	377	250	110	1,518
13-Nov	316	469	342	288	110	1,525
12-Nov	274	494	292	314	124	1,498
11-Nov	264	429	274	259	84	1,310
Average pre-COVID BCEHS call volumes: 1,540/day						

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**8: Emergency Department Visits (as of Nov 14/23:59)**

*Table 8: Emergency department visits*

Health Authority	March 9	Today	Percentage Change
FHA	2,092	1,515	-27.6%
IHA	1,388	970	-30.1%
NHA	733	473	-35.5%
PHSA	155	56	-63.9%
VCHA	1,227	813	-33.7%
VIHA	964	877	-9.0%
<b>TOTAL</b>	<b>6,559</b>	<b>4,704</b>	<b>-28.3%</b>

ED Visits Totals from Last Four Business Days							
Date	FHA	IHA	NHA	PHSA	VCHA	VIHA	TOTAL
12-Nov	1,618	1,047	597	84	840	968	5,154
11-Nov	1,625	1,103	578	83	872	996	5,257
10-Nov	1,507	983	517	67	811	904	4,789
09-Nov	1,632	1,055	536	67	959	985	5,234

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## 9: Hospital Bed Occupancy Rates (as of Nov 15/23:59)

Table 9.1: Total hospital occupancy rates

Total Hospital Occupancy Rates									
Health Authority	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	2,691	307	88.6%	923	910	1.4%	3,614	1,217	66.3%
IHA	1,436	109	92.4%	406	392	3.4%	1,842	501	72.8%
NHA	603	81	86.6%	243	237	2.5%	846	318	62.4%
PHSA	582	157	73.0%	59	59	0.0%	641	216	66.3%
VCHA	2,100	139	93.4%	1,136	1,085	4.5%	3,236	1,222	62.2%
VIHA	1,931	253	86.9%	168	168	0.0%	2,099	421	79.9%
<b>TOTAL</b>	<b>9,343</b>	<b>1,046</b>	<b>88.8%</b>	<b>2,935</b>	<b>2,851</b>	<b>2.9%</b>	<b>12,278</b>	<b>3,895</b>	<b>68.3%</b>
Hospital Occupancy Totals from Last Four Business Days									
13-Nov	9,343	976	89.6%	2,935	2,880	1.9%	12,278	3,854	68.6%
12-Nov	9,340	907	90.3%	2,936	2,833	3.5%	12,276	3,740	69.5%
11-Nov	9,340	948	89.9%	2,936	2,862	2.5%	12,276	3,808	69.0%
10-Nov	9,340	896	90.4%	2,936	2,837	3.4%	12,276	3,728	69.6%

- Total occupancy figures comprise all beds that are not NICU bassinets, including critical care beds.
- The pre-COVID-19 provincial hospital bed occupancy rate was 103.5% as of December 12, 2019.
- Base beds are defined as beds staffed to provide services to inpatient/residents at the required type and level of service. Surge beds are beds that are not considered staffed.

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*Table 9.2 & 9.3: COVID site hospital occupancy rates and non-COVID site hospital occupancy rates*

COVID Site Hospital Occupancy Rates									
Health Authority	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	1,339	94	93.0%	431	431	0.0%	1,770	525	70.3%
IHA	1,195	61	94.9%	275	267	2.9%	1,470	328	77.7%
NHA	359	38	89.4%	133	133	0.0%	492	171	65.2%
PHSA	159	67	57.9%	50	50	0.0%	209	117	44.0%
VCHA	1,654	24	98.5%	843	792	6.0%	2,497	816	67.3%
VIHA	1,277	111	91.3%	59	59	0.0%	1,336	170	87.3%
<b>TOTAL</b>	<b>5,983</b>	<b>395</b>	<b>93.4%</b>	<b>1,791</b>	<b>1,732</b>	<b>3.3%</b>	<b>7,774</b>	<b>2,127</b>	<b>72.6%</b>

Non-COVID Site Hospital Occupancy Rates									
Health Authority	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	1,352	213	84.2%	492	479	2.6%	1,844	692	62.5%
IHA	241	48	80.1%	131	125	4.6%	372	173	53.5%
NHA	244	43	82.4%	110	104	5.5%	354	147	58.5%
PHSA	423	90	78.7%	9	9	0.0%	432	99	77.1%
VCHA	446	115	74.2%	293	293	0.0%	739	406	45.1%
VIHA	654	142	78.3%	109	109	0.0%	763	251	67.1%
<b>TOTAL</b>	<b>3,360</b>	<b>651</b>	<b>80.6%</b>	<b>1,144</b>	<b>1,119</b>	<b>2.2%</b>	<b>4,504</b>	<b>1,768</b>	<b>60.7%</b>

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*Table 9.4: COVID-designated hospital occupancy rates*

COVID-Designated Hospital Occupancy Rates										
Health Authority	Hospital Name	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	Abbotsford Regional	275	44	84.0%	92	92	0.0%	367	136	62.9%
FHA	Royal Columbian	435	30	93.1%	96	96	0.0%	531	126	76.3%
FHA	Surrey Memorial	629	20	96.8%	243	243	0.0%	872	263	69.8%
IHA	East Kootenay Regional	77	3	96.1%	22	22	0.0%	99	25	74.7%
IHA	Kelowna General	443	8	98.2%	68	60	11.8%	511	68	86.7%
IHA	Kootenay Boundary Regional	75	5	93.3%	36	36	0.0%	111	41	63.1%
IHA	Penticton Regional	155	16	89.7%	61	61	0.0%	216	77	64.4%
IHA	Royal Inland	259	7	97.3%	20	20	0.0%	279	27	90.3%
IHA	Vernon Jubilee	186	22	88.2%	68	68	0.0%	254	90	64.6%
NHA	Fort St John & Peace Villa	46	21	54.3%	25	25	0.0%	71	46	35.2%
NHA	Mills Memorial	53	9	83.0%	15	15	0.0%	68	24	64.7%
NHA	UHNBC	260	8	96.9%	93	93	0.0%	353	101	71.4%
PHSA	B.C. Children's	159	67	57.9%	50	50	0.0%	209	117	44.0%
VCHA	Lions Gate	242	0	100.0%	95	74	22.1%	337	74	78.0%
VCHA	Richmond	204	1	99.5%	133	129	3.0%	337	130	61.4%
VCHA	St. Paul's	428	18	95.8%	266	266	0.0%	694	284	59.1%
VCHA	Vancouver General	780	5	99.4%	349	323	7.4%	1,129	328	70.9%
VIHA	Nanaimo Regional General	361	22	93.9%	0	0		361	22	93.9%
VIHA	Royal Jubilee	542	53	90.2%	36	36	0.0%	578	89	84.6%
VIHA	Victoria General	374	36	90.4%	23	23	0.0%	397	59	85.1%

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*Table 9.5: Critical care hospital occupancy rates*

Critical Care Hospital Occupancy Rates									
Health Authority	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	136	24	82.4%	115	114	0.9%	251	138	45.0%
IHA	87	21	75.9%	20	19	5.0%	107	40	62.6%
NHA	41	17	58.5%	23	23	0.0%	64	40	37.5%
PHSA	12	6	50.0%	16	16	0.0%	28	22	21.4%
VCHA	144	24	83.3%	84	84	0.0%	228	108	52.6%
VIHA	97	46	52.6%	0	0		97	46	52.6%
<b>TOTAL</b>	<b>517</b>	<b>138</b>	<b>73.3%</b>	<b>258</b>	<b>256</b>	<b>0.8%</b>	<b>775</b>	<b>394</b>	<b>49.2%</b>
Critical Care Hospital Occupancy Totals from Last Four Business Days									
13-Nov	517	109	78.9%	258	256	0.8%	775	365	52.9%
12-Nov	511	101	80.2%	259	256	1.2%	770	357	53.6%
11-Nov	511	107	79.1%	259	256	1.2%	770	363	52.9%
10-Nov	511	97	81.0%	259	256	1.2%	770	353	54.2%

Critical care beds include those classified as being in Intensive Care Units (ICU), High Acuity Units (HAU), Cardiac Care Units (CCU), Cardiac Surgery Intensive Care Units (CSICU) and Pediatric Intensive Care Units (PICU).



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*Table 9.6: COVID-designated hospital critical care occupancy rates*

COVID-Designated Hospital Critical Care Occupancy Rates										
Health Authority	Hospital Name	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	Abbotsford Regional	16	2	87.5%	16	16	0.0%	32	18	43.8%
FHA	Royal Columbian	39	7	82.1%	32	32	0.0%	71	39	45.1%
FHA	Surrey Memorial	46	6	87.0%	60	60	0.0%	106	66	37.7%
IHA	East Kootenay Regional	6	2	66.7%	0	0		6	2	66.7%
IHA	Kelowna General	31	8	74.2%	9	9	0.0%	40	17	57.5%
IHA	Kootenay Boundary Regional	6	1	83.3%	1	1	0.0%	7	2	71.4%
IHA	Penticton Regional	7	1	85.7%	2	2	0.0%	9	3	66.7%
IHA	Royal Inland	21	6	71.4%	0	0		21	6	71.4%
IHA	Vernon Jubilee	10	2	80.0%	1	1	0.0%	11	3	72.7%
NHA	Fort St John & Peace Villa	4	4	0.0%	0	0		4	4	0.0%
NHA	Mills Memorial	5	4	20.0%	4	4	0.0%	9	8	11.1%
NHA	UHNBC	23	6	73.9%	16	16	0.0%	39	22	43.6%
PHSA	B.C. Children's	12	6	50.0%	16	16	0.0%	28	22	21.4%
VCHA	Lions Gate	9	0	100.0%	22	22	0.0%	31	22	29.0%
VCHA	Richmond	8	1	87.5%	29	29	0.0%	37	30	18.9%
VCHA	St. Paul's	35	6	82.9%	6	6	0.0%	41	12	70.7%
VCHA	Vancouver General	68	5	92.6%	12	12	0.0%	80	17	78.8%
VIHA	Nanaimo Regional General	18	8	55.6%	0	0		18	8	55.6%
VIHA	Royal Jubilee	38	15	60.5%	0	0		38	15	60.5%
VIHA	Victoria General	17	8	52.9%	0	0		17	8	52.9%

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## 10: Ventilator Inventory (as of Nov 16/10:00)

Table 10.1: Level 1 ventilator inventory

Level 1 Ventilator Inventory					
Fleet Type	Inventory	Unassigned	Deployed	Deployed & Out of Service	Deployed & In Service
Provincial Fleet	111	101	10	4	6
Site Fleet	599	N/A	599	42	557
<b>TOTAL</b>	<b>710</b>	<b>101</b>	<b>609</b>	<b>46</b>	<b>563</b>

Table 10.2: Level 2 ventilator inventory

Level 2 Ventilator Inventory					
Fleet Type	Inventory	Unassigned	Deployed	Deployed & Out of Service	Deployed & In Service
Provincial Fleet	62	62	0	0	0
Site Fleet	329	N/A	329	24	305
<b>TOTAL</b>	<b>391</b>	<b>62</b>	<b>329</b>	<b>24</b>	<b>305</b>

Notes: Level 1 includes intensive care ventilators with the most advanced monitoring. These are mainly located within ICU departments and are the first level of ventilators used in a pandemic. Level 2 includes sub-acute intensive care ventilators, advanced transport ventilators and more advanced non-invasive ventilators capable of invasive ventilation. These are located in non-ICU ventilated units for ventilating less-complex patients and are used if no intensive care ventilators are available. There is an additional inventory of 56 level 3 ventilators in the provincial fleet - these are basic transport, basic non-invasive or home/portable ventilators and have limited monitoring for pandemic use.

Site fleet includes ventilators that are owned and reside in a facility, whereas provincial fleet includes ventilators that are owned by the province and may or may not reside in a particular facility. Deployed & Out of Service units are assigned to a hospital but not currently in operation.

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### 11: Home Health Monitoring (as of Nov 13/16:00)

*Table 11: Home health monitoring*

Date	Total Actively Monitored COVID Patients	Total Patients Discharged since March 26
13-Nov	760	7,954
12-Nov	677	7,945
10-Nov	604	7,921
09-Nov	601	7,894
06-Nov	456	7,868
Total COVID patients monitored to date: <b>8714</b>		

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## 12: PHO Orders

**November 11, 2020:** The PHO issued an order on November 11, 2020 on [COVID-19 Prevention Regional Measures](#).

**November 10, 2020:** The PHO repealed and replaced the order of October 30, 2020 on [Gatherings and Events](#).

**October 9, 2020:** The PHO repealed and replaced the order of September 18, 2020 on [Food and Liquor Serving Premises](#).

**September 16, 2020:** The PHO issued an order on [Registered Nurse and Registered Psychiatric Nurse Public Health Pharmacotherapy](#).

**August 30, 2020:** The Federal Chief PHO issued updates to the [Federal Quarantine Order](#) on minimizing the risk of exposure to COVID-19 in Canada.

**July 2, 2020:** The PHO repealed and replaced the order of April 23, 2020 on [Industrial Camps](#).

**May 29, 2020:** The PHO issued an order on [Overnight Camps for Children and Youth](#).

**May 28, 2020:** The PHO repealed and replaced the PHO oral order of March 27, 2020 and the written order of April 15, 2020 on [Vending Markets](#).

**May 14, 2020:** The PHO cancelled the order of April 16, 2020 on [Personal Services](#).

**May 14, 2020:** The PHO issued an order on [Workplace COVID-19 Safety Plans](#).

**May 7, 2020:** The PHO issued an order on [Licensed Practical Nurse SARS-CoV-2 Swabbing](#).

**April 15, 2020:** The PHO amended the order of April 10, 2020 on [Health Care Labour Adjustment](#) with respect to [Facility Staff Assignment](#).

**April 14, 2020:** The PHO amended the order of April 10, 2020 on [Health Care Labour Adjustment](#) with respect to [Travellers and Employers](#).

**April 10, 2020:** The PHO issued an order on [Health Care Labour Adjustment](#).

**March 26, 2020:** The PHO issued an order on [Information Collection from Long Term Care Facility Staff](#).

***For other COVID-19 related notices and guidance please see the following:***

[PHO COVID-19 Orders, Notices & Guidance](#)

[BCCDC COVID-19 Care Resources](#)

# Daily COVID-19 Report

COVID Response and Health Emergency Management Division

November 17, 2020



Ministry of  
Health

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Rows and figures that are bolded indicate a change from the previous report.

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## 1: Case Counts (as of Nov 17/10:00)

- 717 new cases have been reported since yesterday
  - 1 new epi-linked case has been reported since yesterday (VCHA)
  - 11 new deaths have been reported since yesterday (8 FHA, 3 VCHA)

Table 1: Case counts

Collection of total case counts at the Ministry began on March 17, 2020.

Case Counts											
Health Authority	Total Cases (Lab & Epi)	New Cases (last 24 hrs)	Total Lab-Confirmed Cases	Total Epi-Linked Cases	Currently in Hospital	Currently in ICU/HAU	Mechanically Ventilated	Active Cases	Actively Monitored	Recovered Cases	Deaths
FHA	14,659	484	14,526	133	132	32	13	4,934	6,135	9,294	146
IHA	1,106	18	1,063	43	2	1	0	193	588	910	3
VIHA	397	16	391	6	2	1	1	114	520	277	6
NHA	539	21	504	35	11	11	1	64	210	470	5
VCHA	6,869	177	6,796	73	51	18	9	1,282	3,507	5,434	150
Out of Canada	91	1	90	1	0			2	0	84	0
<b>TOTAL</b>	<b>23,661</b>	<b>717</b>	<b>23,370</b>	<b>291</b>	<b>198</b>	<b>63</b>	<b>24</b>	<b>6,589</b>	<b>10,960</b>	<b>16,469</b>	<b>310</b>
Case Count Totals from Last Four Days											
16-Nov	22,944	646	22,654	290	181	57	20	6,279	10,928	16,087	299
15-Nov	22,298	659				53	22				296
14-Nov	21,639	654				51	22				292
13-Nov	20,985	617	20,698	287	167	49	24	5,579	12,016	14,901	290

Mechanically Ventilated numbers are included in the ICU/HAU figures and ICU/HAU numbers are included in the Currently in Hospital figures.

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### 2: Facility & Community Outbreaks (as of Nov 17/10:00)

- 2 new outbreaks have been reported since yesterday (1 FHA, 1 VIHA)
- No outbreaks have been declared over since yesterday
- 7 new deaths have been reported in outbreaks since yesterday in care facilities (6 in LTC in FHA – 2 at Fellburn Care Center, 2 at Tabor Home 2, 1 at Hawthorne Seniors Care Community, 1 at Banfield Pavilion 4<sup>th</sup> Floor West; 1 in LTC in VCHA – Three Links Care Centre)

*Table 2.1: Outbreaks newly declared since last report*

Outbreaks Newly Declared Since Last Report									
Outbreak Start Date	HA	Facility/Community Name	Facility Type	Totals		Residents/Students		Staff/Other	
				Total Cases	Total Deaths	Total Cases	Total Deaths	Total Cases	Total Deaths
11/16/2020	FHA	Burnaby Hospital 2C	Acute Care	4	0	4	0	0	0
11/17/2020	VIHA	Rainbow Gardens	LTC	1	0	0	0	1	0
TOTAL				5	0	4	0	1	0

*Table 2.2: Outbreaks declared over in the last five business days*

Outbreaks Declared Over in the Last Five Business Days										
Outbreak Start Date	Outbreak End Date	HA	Facility/Community Name	Facility Type	Totals		Residents/Students		Staff/Other	
					Total Cases	Total Deaths	Total Cases	Total Deaths	Total Cases	Total Deaths
			N/A							
TOTAL					0	0	0	0	0	0



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*Table 2.3: Active reported outbreaks in care facilities*

Active Reported Outbreaks in Care Facilities			
Outbreak Start Date	HA	Facility/Community Name	Facility Type
11/16/2020	FHA	Burnaby Hospital 2C	Acute Care
11/15/2020	FHA	Burnaby Hospital BH-3C 2	Acute Care
11/9/2020	FHA	Burnaby Hospital 2A	Acute Care
11/5/2020	FHA	Fellburn Care Center – PATH unit	Acute Care
11/5/2020	FHA	Langley Memorial Hospital – 4SC	Acute Care
11/5/2020	FHA	Ridge Meadows Hospital – AM Rehab 2	Acute Care
10/1/2020	FHA	Surrey Memorial Hospital-5W	Acute Care
11/11/2020	VIHA	NRGH/Transitions Unit	Acute Care
11/13/2020	FHA	Jackman Manor	LTC
11/13/2020	FHA	George Derby Centre 2	LTC
11/13/2020	FHA	Kiwanis Care Centre	LTC
11/12/2020	FHA	Dr. Al Hogg Pavilion 2	LTC
11/11/2020	FHA	Dania Home 2	LTC
11/11/2020	FHA	Finnish Manor	LTC
11/10/2020	FHA	Peace Portal Seniors Village 2	LTC
11/10/2020	FHA	The Harrison at Elim Village 2	LTC
11/9/2020	FHA	Langley Gardens LTC	LTC
11/9/2020	FHA	Holyrood Manor	LTC
11/7/2020	FHA	Normanna 2	LTC
11/6/2020	FHA	The Residence, Mission	LTC
11/5/2020	FHA	Fort Langley Seniors Community 2	LTC
11/5/2020	FHA	Northcrest Care Centre	LTC

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11/5/2020	FHA	Suncreek Village	LTC
11/4/2020	FHA	Tabor Home 2	LTC
11/3/2020	FHA	Hawthorne Seniors Care Community	LTC
11/3/2020	FHA	White Rock Seniors Village 2	LTC
11/2/2020	FHA	Belvedere Care Centre	LTC
11/1/2020	FHA	Good Samaritan Delta View Care Centre 2	LTC
10/26/2020	FHA	Fellburn Care Center	LTC
10/24/2020	FHA	Agassiz Seniors Community	LTC
10/22/2020	FHA	Laurel Place	LTC
10/19/2020	FHA	Evergreen Baptist Care Society	LTC
11/14/2020	IHA	Village by the Station	LTC
11/14/2020	IHA	Hamlets at Westsyde	LTC
11/13/2020	IHA	Sun Pointe Village	LTC
11/2/2020	NHA	Rotary Manor	LTC
11/12/2020	VCHA	Columbus Residence	LTC
11/12/2020	VCHA	Arbutus Care Centre 2	LTC
11/10/2020	VCHA	Holy Family Hospital 4	LTC
11/9/2020	VCHA	Capilano Care Centre	LTC
11/8/2020	VCHA	Fraserview Intermediate Care Lodge	LTC
10/26/2020	VCHA	Louis Brier Home and Hospital	LTC
10/23/2020	VCHA	Banfield Pavilion - 4th Floor West	LTC
10/21/2020	VCHA	Three Links Care Centre	LTC
10/18/2020	VCHA	Royal Arch Masonic Home 3	LTC
<b>11/17/2020</b>	<b>VIHA</b>	<b>Rainbow Gardens</b>	<b>LTC</b>
11/14/2020	FHA	PICS Assisted Living 3	Assisted Living
11/8/2020	FHA	Harrison Pointe	Assisted Living
10/29/2020	FHA	Hawthorne Seniors Care Community	Assisted Living
10/24/2020	FHA	Amenida Seniors Community	Independent Living
10/27/2020	IHA	Okanagan Men's Centre	Group Home (Community Living)

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*Table 2.4: Active reported outbreaks in other settings*

Active Reported Outbreaks in Other Settings			
Outbreak Start Date	HA	Facility/Community Name	Facility Type
11/2/2020	Provincial	Seymour Pacific Developments Worksite (MB)	Workplace/Communal Living
10/30/2020	Provincial	CNRL Albion Oil Sands (AB)	Workplace/Communal Living
10/22/2020	Provincial	Suncor Firebag Oil Sands	Workplace/Communal Living
10/10/2020	Provincial	CNRL Horizon Oil Sands (AB)	Workplace/Communal Living
10/2/2020	FHA	MSJ Distribution at Valhalla Distribution	Workplace
11/5/2020	IHA	RIH Construction Site	Workplace
11/13/2020	FHA	Platinum Athletic Club	Other
11/2/2020	FHA	Capella Dance Academy	Other
11/3/2020	IHA	La Casa Resort	Other
10/23/2020	Provincial	Big Horn Hotel, Watson Lake (YT)	Other

*Table 2.5: Active reported outbreaks in schools*

Active Reported Outbreaks in Schools			
Outbreak Start Date	HA	Facility/Community Name	Facility Type
11/14/2020	FHA	Cambridge Elementary School	School or Daycare

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Figures from the summary tables below are inclusive of newly declared active, newly declared over and all currently active outbreaks.

*Table 2.6a: Summary of outbreaks in care facilities*

Summary of Outbreaks in Care Facilities			
Outbreak Characteristic	Outbreak Status		Total
	Declared Over	Currently Active	
<b>Number of Outbreaks by Setting</b>			
<i>Acute care facility</i>	18	8	<b>26</b>
<i>Assisted living</i>	10	3	<b>13</b>
<i>Group home (community living)</i>	1	1	<b>2</b>
<i>Independent living</i>	6	1	<b>7</b>
<i>Long term care facility</i>	78	38	<b>116</b>
<i>Other residential facility type</i>	1	0	<b>1</b>
<b>Total</b>	<b>114</b>	<b>51</b>	<b>165</b>
<b>Number of Outbreaks by Health Authority</b>			
<i>Fraser</i>	75	35	<b>110</b>
<i>Interior</i>	3	4	<b>7</b>
<i>Northern</i>	0	1	<b>1</b>
<i>Vancouver Coastal</i>	36	9	<b>45</b>
<i>Vancouver Island</i>	0	2	<b>2</b>
<b>Total</b>	<b>114</b>	<b>51</b>	<b>165</b>

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*Table 2.6b: Summary of cases/deaths in care facilities*

Summary of Cases/Deaths in Care Facilities			
Outbreak Characteristic	Outbreak Status		Total
	Declared Over	Currently Active	
Number of Cases			
Total Cases	953	670	1623
Residents	537	400	937
Staff/other	412	255	667
Unknown	4	15	19
New Cases			
Residents			23
Staff/other			12
Unknown			-6*
Number of Deaths			
Total Deaths	178	30	208
Residents	178	30	208
Staff/other	0	0	0
Unknown	0	0	0
New Deaths			
Residents			7
Staff/other			0
Unknown			0

\* Negative values represent corrections from previously reported totals.

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*Table 2.7a: Summary of outbreaks in other facilities*

Summary of Outbreaks in Other Facilities			
Outbreak Characteristic	Outbreak Status		Total
	Declared Over	Currently Active	
<b>Number of Outbreaks by Setting</b>			
<i>Conference</i>	1	0	<b>1</b>
<i>Correctional facility</i>	3	0	<b>3</b>
<i>Religious institution</i>	1	0	<b>1</b>
<i>School or daycare</i>	1	1	<b>2</b>
<i>Shelter</i>	1	0	<b>1</b>
<i>Workplace not otherwise specified</i>	15	2	<b>17</b>
<i>Workplace with communal living</i>	3	4	<b>7</b>
<i>Other</i>	0	4	<b>4</b>
<b>Total</b>	<b>25</b>	<b>11</b>	<b>36</b>
<b>Number of Outbreaks by Health Authority</b>			
<i>Fraser</i>	13	4	<b>17</b>
<i>Interior</i>	8	2	<b>10</b>
<i>Vancouver Coastal</i>	1	0	<b>1</b>
<i>Provincial</i>	3	5	<b>8</b>
<b>Total</b>	<b>25</b>	<b>11</b>	<b>36</b>

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*Table 2.7b: Summary of outbreaks in other facilities*

Summary of Cases/Deaths in Other Facilities			
Outbreak Characteristic	Outbreak Status		Total
	Declared Over	Currently Active	
<b>Number of Cases</b>			
<b>Total Cases</b>	<b>648</b>	<b>159</b>	<b>807</b>
<i>Residents</i>	122	0	<b>122</b>
<i>Students</i>	10	43	<b>53</b>
<i>Staff/other</i>	460	99	<b>559</b>
<i>Unknown</i>	56	17	<b>73</b>
<b>New Cases</b>			<b>0</b>
<i>Residents</i>			<b>0</b>
<i>Students</i>			<b>-2*</b>
<i>Staff/other</i>			<b>-2*</b>
<i>Unknown</i>			<b>0</b>
<b>Number of Deaths</b>			
<b>Total Deaths</b>	<b>2</b>	<b>0</b>	<b>2</b>
<i>Residents</i>	1	0	<b>1</b>
<i>Students</i>	0	0	<b>0</b>
<i>Staff/other</i>	1	0	<b>1</b>
<i>Unknown</i>	0	0	<b>0</b>
<b>New Deaths</b>			<b>0</b>
<i>Residents</i>			<b>0</b>
<i>Students</i>			<b>0</b>
<i>Staff/other</i>			<b>0</b>
<i>Unknown</i>			<b>0</b>

\* Negative values represent corrections from previously reported totals.

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### 3: COVID-19 App & Self-Assessment Tool (as of Nov 16/23:59)

*Table 3: COVID-19 app & self-assessment tool*

Date	Total App Users*	Total SAT Visits	Distinct SAT Users	Peak SAT Activity (users/min)	Average SAT Activity (users/hr)
<b>16-Nov</b>	<b>440,728</b>	<b>4,541,334</b>	<b>19,430</b>	<b>67.6</b>	<b>809.6</b>
15-Nov	438,258	4,513,127	9,679	25.6	403.3
14-Nov	436,776		9,531	23.8	397.1
13-Nov	435,491		16,163	54.5	673.5
12-Nov	433,345	4,461,809	20,050	70.8	835.4

### 4: 8-1-1 Calls (as of Nov 16/23:59)

*Table 4: 8-1-1 calls*

Date	Calls Received	Calls Answered	Abandon Rate	Average Wait (min)	Max Wait of Answered (min)	Average Handle Time (min)	COVID-related Calls Received
<b>16-Nov</b>	<b>4,638</b>	<b>3,790</b>	<b>18.3%</b>	<b>5.1</b>	<b>31.5</b>	<b>3.4</b>	<b>2,830</b>
15-Nov	3,266	2,775	15.0%	4.6	33.6	3.5	1,807
14-Nov	2,969	2,927	1.4%	0.3	7.8	3.2	1,447
13-Nov	3,689	3,281	11.1%	3.0	28.2	3.6	2,079
12-Nov	4,350	4,137	4.9%	1.3	10.7	3.3	2,695
Average pre-COVID call volumes: 1,250/day							



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### 5: Collection Sites (as of Nov 16/23:59)

*Table 5: Collection sites*

Health Authority	Tests Collected	Proportion of Tests Collected within 24 hrs (%)	Collection Capacity	Drop-In Visits <sup>^</sup>	Median Drop-In Wait (mins)	90th Percentile Drop-In Wait (mins)	Proportion of Appointments Booked within 20 mins (%) <sup>^^</sup>
FHA	3,659	100.0	4,275	1,640	30 -60 min	N/A	
IHA	878		1,060				100.0
NHA	231						
PHSA*	115	100.0	200	115	2.0	5.0	
VCHA**	1,725		2,575				
VIHA**	585	88.9	1,100				N/A
<b>TOTAL</b>	<b>7,193</b>		<b>9,210</b>	<b>1,755</b>			

\* PHSA Median and 90th percentile drop-in wait times are based on the time between registration and test collection.

\*\* Whistler (VCHA) and VIHA collection volumes and capacity are reported with a 2-day delay.

<sup>^</sup> NHA and VIHA do not offer drop-in testing. IHA may have occasional drop-in if sites need to accommodate those who cannot get booked using the online system for testing within 24 hours.

<sup>^^</sup> FHA and IHA use an online system. Previously, IHA was using a call center model but switched to an online booking system.

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## 6: Lab Testing (as of Nov 16/23:59)

Table 6: Lab testing

Health Authority	Total Lab Tests Completed^	New Tests Completed^	New Non-Positive Tests^^	New Positive Tests*	7 Day Avg. Test Positivity Rate (%)	Lab Samples Pending**	Today's Projected Testing Capacity**	Median Turnaround Time (hrs)	90th Percentile Turnaround Time (hrs)
FHA	400,726	3,193	2,709	484	9.5	783	2,365	29.1	50.0
IHA	105,203	555	537	18	3.4	6	1,128	20.5	28.3
NHA	30,792	130	109	21	5.1	26	148	48.0	72.0
VCHA	326,562	1,984	1,808	176	4.6	2,116	5,500	25.2	48.5
VIHA	114,648	879	863	16	1.4	709	1,288	14.0	18.6
OTHER	16,684	78	77	1	0.0	2,970	9,604	31.1	48.0
<b>TOTAL</b>	<b>994,615</b>	<b>6,819</b>	<b>6,103</b>	<b>716</b>	<b>6.6</b>	<b>6,610</b>	<b>20,033</b>	<b>24.8</b>	<b>48.0</b>
<b>Lab Testing Totals from Last Four Business Days</b>									
15-Nov	987,796	9,396	8,753	643	6.6	5,433	19,233	29.4	48.0
12-Nov	955,239	9,480	8,869	611	6.2	6,115	18,633	28.6	48.0
11-Nov	945,759	12,442	11,854	588	5.9	5,081	18,633	24.6	48.0
10-Nov	933,317	10,691	10,155	536	5.9	6,890	18,633	24.0	42.4

^ Total Lab Tests Completed and New Tests Completed figures are aligned with the BCCDC COVID-19 Dashboard.

^^ Non-positive tests include tests that have returned negative, indeterminate and invalid results.

\* New positive tests data contain unique individual positive tests only and is equivalent to new lab-confirmed case count figures. On weekends and holidays, epi-linked cases are all assigned to the most recent day.

\*\* Pending and projected lab test totals also include data from C&W, BCCDC and LifeLabs. PHC figures are included in the VCHA totals.

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## 7: BC Emergency Health Services Call Volumes (as of Nov 16/23:59)

Table 7.1: "Influenza-like illness" call volumes

<b>"Influenza-like Illness" Call Volumes</b>						
<b>Date</b>	<b>IHA</b>	<b>FHA</b>	<b>VCHA</b>	<b>VIHA</b>	<b>NHA</b>	<b>TOTAL</b>
<b>16-Nov</b>	<b>41</b>	<b>107</b>	<b>67</b>	<b>44</b>	<b>14</b>	<b>273</b>
15-Nov	33	72	36	36	14	191
14-Nov	36	89	56	33	11	225
13-Nov	40	72	54	33	13	212
12-Nov	29	82	44	49	17	221
Average pre-COVID ILI events: ~6 events/week across BC						

Table 7.2: Total provincial call volumes

<b>Total Provincial Call Volumes</b>						
<b>Date</b>	<b>IHA</b>	<b>FHA</b>	<b>VCHA</b>	<b>VIHA</b>	<b>NHA</b>	<b>TOTAL</b>
<b>16-Nov</b>	<b>281</b>	<b>507</b>	<b>386</b>	<b>292</b>	<b>91</b>	<b>1,557</b>
15-Nov	263	446	310	257	91	1,367
14-Nov	280	501	377	250	110	1,518
13-Nov	316	469	342	288	110	1,525
12-Nov	274	494	292	314	124	1,498
Average pre-COVID BCEHS call volumes: 1,540/day						

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**8: Emergency Department Visits (as of Nov 15/23:59)**

*Table 8: Emergency department visits*

Health Authority	March 9	Today	Percentage Change
FHA	2,092	1,623	-22.4%
IHA	1,388	1,117	-19.5%
NHA	733	556	-24.1%
PHSA	155	91	-41.3%
VCHA	1,227	880	-28.3%
VIHA	964	1,111	15.2%
<b>TOTAL</b>	<b>6,559</b>	<b>5,378</b>	<b>-18.0%</b>

ED Visit Totals from Last Four Business Days							
Date	FHA	IHA	NHA	PHSA	VCHA	VIHA	TOTAL
14-Nov	1,623	1,117	556	91	880	1,111	5,378
12-Nov	1,515	970	473	56	813	877	4,704
11-Nov	1,618	1,047	597	84	840	968	5,154
10-Nov	1,625	1,103	578	83	872	996	5,257

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## 9: Hospital Bed Occupancy Rates (as of Nov 16/23:59)

Table 9.1: Total hospital occupancy rates

Total Hospital Occupancy Rates									
Health Authority	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	2,665	267	90.0%	921	907	1.5%	3,586	1,174	67.3%
IHA	1,436	112	92.2%	406	398	2.0%	1,842	510	72.3%
NHA	603	96	84.1%	243	223	8.2%	846	319	62.3%
PHSA	582	163	72.0%	59	59	0.0%	641	222	65.4%
VCHA	2,100	115	94.5%	1,136	1,038	8.6%	3,236	1,152	64.4%
VIHA	1,931	215	88.9%	168	168	0.0%	2,099	383	81.8%
<b>TOTAL</b>	<b>9,317</b>	<b>968</b>	<b>89.6%</b>	<b>2,933</b>	<b>2,793</b>	<b>4.8%</b>	<b>12,250</b>	<b>3,760</b>	<b>69.3%</b>
Hospital Occupancy Totals from Last Four Business Days									
15-Nov	9,343	1,046	88.8%	2,935	2,851	2.9%	12,278	3,895	68.3%
13-Nov	9,343	976	89.6%	2,935	2,880	1.9%	12,278	3,854	68.6%
12-Nov	9,340	907	90.3%	2,936	2,833	3.5%	12,276	3,740	69.5%
11-Nov	9,340	948	89.9%	2,936	2,862	2.5%	12,276	3,808	69.0%

- Total occupancy figures comprise all beds that are not NICU bassinets, including critical care beds.
- The pre-COVID-19 provincial hospital bed occupancy rate was 103.5% as of December 12, 2019.
- Base beds are defined as beds staffed to provide services to inpatient/residents at the required type and level of service. Surge beds are beds that are not considered staffed.

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*Table 9.2 & 9.3: COVID site hospital occupancy rates and non-COVID site hospital occupancy rates*

COVID Site Hospital Occupancy Rates									
Health Authority	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	1,339	63	95.3%	431	431	0.0%	1,770	494	72.1%
IHA	1,195	50	95.8%	275	269	2.2%	1,470	319	78.3%
NHA	359	53	85.2%	133	119	10.5%	492	172	65.0%
PHSA	159	67	57.9%	50	50	0.0%	209	117	44.0%
VCHA	1,654	31	98.1%	843	745	11.6%	2,497	776	68.9%
VIHA	1,277	87	93.2%	59	59	0.0%	1,336	146	89.1%
<b>TOTAL</b>	<b>5,983</b>	<b>351</b>	<b>94.1%</b>	<b>1,791</b>	<b>1,673</b>	<b>6.6%</b>	<b>7,774</b>	<b>2,024</b>	<b>74.0%</b>

Non-COVID Site Hospital Occupancy Rates									
Health Authority	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	1,326	204	84.6%	490	476	2.9%	1,816	680	62.6%
IHA	241	62	74.3%	131	129	1.5%	372	191	48.7%
NHA	244	43	82.4%	110	104	5.5%	354	147	58.5%
PHSA	423	96	77.3%	9	9	0.0%	432	105	75.7%
VCHA	446	84	81.2%	293	293	0.0%	739	376	49.1%
VIHA	654	128	80.4%	109	109	0.0%	763	237	68.9%
<b>TOTAL</b>	<b>3,334</b>	<b>617</b>	<b>81.5%</b>	<b>1,142</b>	<b>1,120</b>	<b>1.9%</b>	<b>4,476</b>	<b>1,736</b>	<b>61.2%</b>

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*Table 9.4: COVID-designated hospital occupancy rates*

COVID-Designated Hospital Occupancy Rates										
Health Authority	Hospital Name	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	Abbotsford Regional	275	31	88.7%	92	92	0.0%	367	123	66.5%
FHA	Royal Columbian	435	15	96.6%	96	96	0.0%	531	111	79.1%
FHA	Surrey Memorial	629	17	97.3%	243	243	0.0%	872	260	70.2%
IHA	East Kootenay Regional	77	3	96.1%	22	22	0.0%	99	25	74.7%
IHA	Kelowna General	443	7	98.4%	68	67	1.5%	511	74	85.5%
IHA	Kootenay Boundary Regional	75	7	90.7%	36	36	0.0%	111	43	61.3%
IHA	Penticton Regional	155	14	91.0%	61	61	0.0%	216	75	65.3%
IHA	Royal Inland	259	6	97.7%	20	15	25.0%	279	21	92.5%
IHA	Vernon Jubilee	186	13	93.0%	68	68	0.0%	254	81	68.1%
NHA	Fort St John & Peace Villa	46	19	58.7%	25	25	0.0%	71	44	38.0%
NHA	Mills Memorial	53	11	79.2%	15	15	0.0%	68	26	61.8%
NHA	UHNBC	260	23	91.2%	93	79	15.1%	353	102	71.1%
PHSA	B.C. Children's	159	67	57.9%	50	50	0.0%	209	117	44.0%
VCHA	Lions Gate	242	1	99.6%	95	71	25.3%	337	72	78.6%
VCHA	Richmond	204	0	100.0%	133	111	16.5%	337	111	67.1%
VCHA	St. Paul's	428	28	93.5%	266	266	0.0%	694	294	57.6%
VCHA	Vancouver General	780	2	99.7%	349	297	14.9%	1,129	299	73.5%
VIHA	Nanaimo Regional General	361	10	97.2%	0	0		361	10	97.2%
VIHA	Royal Jubilee	542	51	90.6%	36	36	0.0%	578	87	84.9%
VIHA	Victoria General	374	26	93.0%	23	23	0.0%	397	49	87.7%

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*Table 9.5: Critical care hospital occupancy rates*

Critical Care Hospital Occupancy Rates									
Health Authority	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	136	22	83.8%	115	115	0.0%	251	137	45.4%
IHA	87	18	79.3%	20	20	0.0%	107	38	64.5%
NHA	41	8	80.5%	23	9	60.9%	64	17	73.4%
PHSA	12	6	50.0%	16	16	0.0%	28	22	21.4%
VCHA	144	15	89.6%	84	83	1.2%	228	98	57.0%
VIHA	97	37	61.9%	0	0		97	37	61.9%
<b>TOTAL</b>	<b>517</b>	<b>106</b>	<b>79.5%</b>	<b>258</b>	<b>243</b>	<b>5.8%</b>	<b>775</b>	<b>349</b>	<b>55.0%</b>
Critical Care Hospital Occupancy Totals from Last Four Business Days									
15-Nov	517	138	73.3%	258	256	0.8%	775	394	49.2%
13-Nov	517	109	78.9%	258	256	0.8%	775	365	52.9%
12-Nov	511	101	80.2%	259	256	1.2%	770	357	53.6%
11-Nov	511	107	79.1%	259	256	1.2%	770	363	52.9%

- Critical care beds include those classified as being in Intensive Care Units (ICU), High Acuity Units (HAU), Cardiac Care Units (CCU), Cardiac Surgery Intensive Care Units (CSICU) and Pediatric Intensive Care Units (PICU).



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*Table 9.6: COVID-designated hospital critical care occupancy rates*

COVID-Designated Hospital Critical Care Occupancy Rates										
Health Authority	Hospital Name	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	Abbotsford Regional	16	2	87.5%	16	16	0.0%	32	18	43.8%
FHA	Royal Columbian	39	6	84.6%	32	32	0.0%	71	38	46.5%
FHA	Surrey Memorial	46	7	84.8%	60	60	0.0%	106	67	36.8%
IHA	East Kootenay Regional	6	0	100.0%	0	0		6	0	100.0%
IHA	Kelowna General	31	7	77.4%	9	9	0.0%	40	16	60.0%
IHA	Kootenay Boundary Regional	6	1	83.3%	1	1	0.0%	7	2	71.4%
IHA	Penticton Regional	7	1	85.7%	2	2	0.0%	9	3	66.7%
IHA	Royal Inland	21	6	71.4%	0	0		21	6	71.4%
IHA	Vernon Jubilee	10	2	80.0%	1	1	0.0%	11	3	72.7%
NHA	Fort St John & Peace Villa	4	2	50.0%	0	0		4	2	50.0%
NHA	Mills Memorial	5	3	40.0%	4	4	0.0%	9	7	22.2%
NHA	UHNBC	23	0	100.0%	16	2	87.5%	39	2	94.9%
PHSA	B.C. Children's	12	6	50.0%	16	16	0.0%	28	22	21.4%
VCHA	Lions Gate	9	1	88.9%	22	22	0.0%	31	23	25.8%
VCHA	Richmond	8	0	100.0%	29	28	3.4%	37	28	24.3%
VCHA	St. Paul's	35	5	85.7%	6	6	0.0%	41	11	73.2%
VCHA	Vancouver General	68	2	97.1%	12	12	0.0%	80	14	82.5%
VIHA	Nanaimo Regional General	18	8	55.6%	0	0		18	8	55.6%
VIHA	Royal Jubilee	38	11	71.1%	0	0		38	11	71.1%
VIHA	Victoria General	17	7	58.8%	0	0		17	7	58.8%

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## 10: Ventilator Inventory (as of Nov 13/10:00)

Table 10.1: Level 1 ventilator inventory

Level 1 Ventilator Inventory					
Fleet Type	Inventory	Unassigned	Deployed	Deployed & Out of Service	Deployed & In Service
Provincial Fleet	111	101	10	4	6
Site Fleet	599	N/A	599	42	557
<b>TOTAL</b>	<b>710</b>	<b>101</b>	<b>609</b>	<b>46</b>	<b>563</b>

Table 10.2: Level 2 ventilator inventory

Level 2 Ventilator Inventory					
Fleet Type	Inventory	Unassigned	Deployed	Deployed & Out of Service	Deployed & In Service
Provincial Fleet	62	62	0	0	0
Site Fleet	329	N/A	329	24	305
<b>TOTAL</b>	<b>391</b>	<b>62</b>	<b>329</b>	<b>24</b>	<b>305</b>

*Notes:* Level 1 includes intensive care ventilators with the most advanced monitoring. These are mainly located within ICU departments and are the first level of ventilators used in a pandemic. Level 2 includes sub-acute intensive care ventilators, advanced transport ventilators and more advanced non-invasive ventilators capable of invasive ventilation. These are used if no intensive care ventilators are available. They are located in non-ICU ventilated units for ventilating less-complex patients. There is an additional inventory of 56 level 3 ventilators in the provincial fleet - these are basic transport, basic non-invasive or home/portable ventilators and are less ideal, with limited monitoring for pandemic use.

Site fleet includes ventilators that are owned and reside in a facility, whereas provincial fleet includes ventilators that are owned by the province and may or may not reside in a particular facility. Deployed & Out of Service units are assigned to a hospital but not currently in operation.

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### 11: Home Health Monitoring (as of Nov 16/16:00)

*Table 11: Home health monitoring*

Date	Total Actively Monitored COVID Patients	Total Patients Discharged since March 26
16-Nov	935	8,030
13-Nov	760	7,954
12-Nov	677	7,945
10-Nov	604	7,921
09-Nov	601	7,894
Total COVID patients monitored to date: <b>8965</b>		

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## 12: PHO Orders

**November 13, 2020:** The PHO issued an order on November 13, 2020 on [COVID-19 Prevention Regional Measures](#).

**November 10, 2020:** The PHO repealed and replaced the order of October 30, 2020 on [Gatherings and Events](#).

**October 9, 2020:** The PHO repealed and replaced the order of September 18, 2020 on [Food and Liquor Serving Premises](#).

**September 16, 2020:** The PHO issued an order on [Registered Nurse and Registered Psychiatric Nurse Public Health Pharmacotherapy](#).

**August 30, 2020:** The Federal Chief PHO issued updates to the [Federal Quarantine Order](#) on minimizing the risk of exposure to COVID-19 in Canada.

**July 2, 2020:** The PHO repealed and replaced the order of April 23, 2020 on [Industrial Camps](#).

**May 29, 2020:** The PHO issued an order on [Overnight Camps for Children and Youth](#).

**May 28, 2020:** The PHO repealed and replaced the PHO oral order of March 27, 2020 and the written order of April 15, 2020 on [Vending Markets](#).

**May 14, 2020:** The PHO cancelled the order of April 16, 2020 on [Personal Services](#).

**May 14, 2020:** The PHO issued an order on [Workplace COVID-19 Safety Plans](#).

**May 7, 2020:** The PHO issued an order on [Licensed Practical Nurse SARS-CoV-2 Swabbing](#).

**April 15, 2020:** The PHO amended the order of April 10, 2020 on [Health Care Labour Adjustment](#) with respect to [Facility Staff Assignment](#).

**April 14, 2020:** The PHO amended the order of April 10, 2020 on [Health Care Labour Adjustment](#) with respect to [Travellers and Employers](#).

**April 10, 2020:** The PHO issued an order on [Health Care Labour Adjustment](#).

**March 26, 2020:** The PHO issued an order on [Information Collection from Long Term Care Facility Staff](#).

For other COVID-19 related notices and guidance please see the following:

[PHO COVID-19 Orders, Notices & Guidance](#)

[BCCDC COVID-19 Care Resources](#)

# Daily COVID-19 Report

COVID Response and Health Emergency Management Division

November 18, 2020



Ministry of  
Health

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**Rows and figures that are bolded indicate a change from the previous report.**

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## 1: Case Counts (as of Nov 18/10:00)

- 762 new cases have been reported since yesterday
  - 3 new epi-linked case have been reported since yesterday (1 FHA and 2 VCH)
  - 10 new deaths have been reported since yesterday (7 FHA, 3 VCHA)

Table 1: Case counts

Collection of total case counts at the Ministry began on March 17, 2020.

Case Counts											
Health Authority	Total Cases (Lab & Epi)	New Cases (last 24 hrs)	Total Lab-Confirmed Cases	Total Epi-Linked Cases	Currently in Hospital	Currently in ICU/HAU	Mechanically Ventilated	Active Cases	Actively Monitored	Recovered Cases	Deaths
FHA	15,140	481	15,006	134	138	30	12	5,120	5,098	9,548	153
IHA	1,144	38	1,102	42	2	1	0	209	580	932	3
VIHA	417	20	411	6	2	1	1	118	476	293	6
NHA	552	13	517	35	8	11	1	75	235	472	5
VCHA	7,079	210	7,004	75	59	15	5	1,338	3,482	5,585	153
Out of Canada	90*	0	89	1	0			1	0	84	0
<b>TOTAL</b>	<b>24,422</b>	<b>762</b>	<b>24,129</b>	<b>293</b>	<b>209</b>	<b>58</b>	<b>19</b>	<b>6,861</b>	<b>9,871</b>	<b>16,914</b>	<b>320</b>
Case Count Totals from Last Four Days											
17-Nov	23,661	717	23,370	291	198	63	24	6,589	10,960	16,469	310
16-Nov	22,944	646	22,654	290	181	57	20	6,279	10,928	16,087	299
15-Nov	22,298	659				53	22				296
14-Nov	21,639	654				51	22				292

Mechanically Ventilated numbers are included in the ICU/HAU figures and ICU/HAU numbers are included in the Currently in Hospital figures.

\* One case reported yesterday that was assigned to out of Canada is now assigned to NHA.

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### 2: Facility & Community Outbreaks (as of Nov 18/10:00)

- 6 new outbreaks have been reported since yesterday (all in FHA)
- 3 outbreaks have been declared over since yesterday (2 in FHA, 1 in IHA)
- 7 new deaths have been reported in outbreaks since yesterday in care facilities (5 in LTC in FHA – 1 at Fellburn Care Center, 1 at George Derby Centre 2, 1 at Northcrest Care Centre, 1 at White Rock Seniors Village 2; 2 in LTC in VCHA - Three Links Care Centre, 1 in Acute Care in FHA Langley Memorial Hospital)

*Table 2.1: Outbreaks newly declared since last report*

Outbreaks Newly Declared Since Last Report									
Outbreak Start Date	HA	Facility/Community Name	Facility Type	Totals		Residents/Students		Staff/Other	
				Total Cases	Total Deaths	Total Cases	Total Deaths	Total Cases	Total Deaths
11/17/2020	FHA	Burnaby Hospital 3B	Acute care	3	0	3	0	0	0
11/17/2020	FHA	Burnaby Hospital 4BA	Acute care	1	0	1	0	0	0
11/17/2020	FHA	Burnaby Hospital 5A	Acute care	2	0	2	0	0	0
11/17/2020	FHA	Surrey Memorial Hospital 5W (2)	Acute care	2	0	2	0	0	0
11/17/2020	FHA	Menno Home	LTC	1	0	1	0	0	0
11/17/2020	FHA	Agecare Harmony Court Estates	Independent living	2	0	2	0	0	0
<b>TOTAL</b>				<b>11</b>	<b>0</b>	<b>11</b>	<b>0</b>	<b>0</b>	<b>0</b>



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*Table 2.2: Outbreaks declared over in the last five business days*

Outbreaks Declared Over in the Last Five Business Days										
Outbreak Start Date	Outbreak End Date	HA	Facility/Community Name	Facility Type	Totals		Residents/Students		Staff/Other	
					Total Cases	Total Deaths	Total Cases	Total Deaths	Total Cases	Total Deaths
10/1/2020	11/13/2020	FHA	Surrey Memorial Hospital-5W	Acute care	12	2	9	2	3	0
11/7/2020	11/17/2020	FHA	Normanna 2	LTC	1	0	0	0	1	0
11/3/2020	11/17/2020	IHA	La Casa Resort	Other	0	0	0	4	0	3
11/3/2020	11/14/2020	IHA	Village at Mill Creek	LTC	2	0	0	0	1	0
9/30/2020	11/14/2020	VCHA	Haro Park Centre, Entire Facility	LTC	22	1	15	1	7	0
10/17/2020	11/13/2020	FHA	Rosemary Height Seniors Village	LTC	6	1	4	1	2	0
11/3/2020	11/12/2020	VCHA	Pinegrove Place, 1st Floor	LTC	1	0	0	0	1	0
10/29/2020	11/12/2020	FHA	Queen's Park Hospital unit 3C NMSK 2	Acute Care	1	0	1	0	0	0
10/26/2020	11/12/2020	FHA	St. Michael's Centre	LTC	4	0	1	0	3	0
10/22/2020	11/12/2020	FHA	Coast Spas Manufacturing	Workplace	18	0	0	0	18	0
10/22/2020	11/12/2020	FHA	Pace Processing	Workplace	34	0	0	0	34	0
<b>TOTAL</b>					<b>101</b>	<b>4</b>	<b>30</b>	<b>8</b>	<b>70</b>	<b>3</b>

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*Table 2.3: Active reported outbreaks in care facilities*

Active Reported Outbreaks in Care Facilities			
Outbreak Start Date	HA	Facility/Community Name	Facility Type
11/17/2020	FHA	Burnaby Hospital 3B	Acute Care
11/17/2020	FHA	Burnaby Hospital 4BA	Acute Care
11/17/2020	FHA	Burnaby Hospital 5A	Acute Care
11/17/2020	FHA	Surrey Memorial Hospital 5W (2)	Acute Care
11/16/2020	FHA	Burnaby Hospital 2C	Acute Care
11/15/2020	FHA	Burnaby Hospital BH-3C 2	Acute Care
11/9/2020	FHA	Burnaby Hospital 2A	Acute Care
11/5/2020	FHA	Fellburn Care Center – PATH unit	Acute Care
11/5/2020	FHA	Langley Memorial Hospital – 4SC	Acute Care
11/5/2020	FHA	Ridge Meadows Hospital – AM Rehab 2	Acute Care
11/11/2020	VIHA	NRGH/Transitions Unit	Acute Care
11/17/2020	FHA	Menno Home	LTC
11/13/2020	FHA	Jackman Manor	LTC
11/13/2020	FHA	George Derby Centre 2	LTC
11/13/2020	FHA	Kiwanis Care Centre	LTC
11/12/2020	FHA	Dr. Al Hogg Pavilion 2	LTC
11/11/2020	FHA	Dania Home 2	LTC
11/11/2020	FHA	Finnish Manor	LTC
11/10/2020	FHA	Peace Portal Seniors Village 2	LTC
11/10/2020	FHA	The Harrison at Elim Village 2	LTC
11/9/2020	FHA	Langley Gardens LTC	LTC
11/9/2020	FHA	Holyrood Manor	LTC

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11/6/2020	FHA	The Residence, Mission	LTC
11/5/2020	FHA	Fort Langley Seniors Community 2	LTC
11/5/2020	FHA	Northcrest Care Centre	LTC
11/5/2020	FHA	Suncreek Village	LTC
11/4/2020	FHA	Tabor Home 2	LTC
11/3/2020	FHA	Hawthorne Seniors Care Community	LTC
11/3/2020	FHA	White Rock Seniors Village 2	LTC
11/2/2020	FHA	Belvedere Care Centre	LTC
11/1/2020	FHA	Good Samaritan Delta View Care Centre 2	LTC
10/26/2020	FHA	Fellburn Care Center	LTC
10/24/2020	FHA	Agassiz Seniors Community	LTC
10/22/2020	FHA	Laurel Place	LTC
10/19/2020	FHA	Evergreen Baptist Care Society	LTC
11/14/2020	IHA	Village by the Station	LTC
11/14/2020	IHA	Hamlets at Westsyde	LTC
11/13/2020	IHA	Sun Pointe Village	LTC
11/2/2020	NHA	Rotary Manor	LTC
11/12/2020	VCHA	Columbus Residence	LTC
11/12/2020	VCHA	Arbutus Care Centre 2	LTC
11/10/2020	VCHA	Holy Family Hospital 4	LTC
11/9/2020	VCHA	Capilano Care Centre	LTC
11/8/2020	VCHA	Fraserview Intermediate Care Lodge	LTC
10/26/2020	VCHA	Louis Brier Home and Hospital	LTC
10/23/2020	VCHA	Banfield Pavilion - 4th Floor West	LTC
10/21/2020	VCHA	Three Links Care Centre	LTC
10/18/2020	VCHA	Royal Arch Masonic Home 3	LTC
11/17/2020	VIHA	Rainbow Gardens	LTC
11/14/2020	FHA	PICS Assisted Living 3	Assisted Living
11/8/2020	FHA	Harrison Pointe	Assisted Living

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10/29/2020	FHA	Hawthorne Seniors Care Community	Assisted Living
<b>11/17/2020</b>	<b>FHA</b>	<b>Agecare Harmony Court Estates</b>	<b>Independent Living</b>
10/24/2020	FHA	Amenida Seniors Community	Independent Living
10/27/2020	IHA	Okanagan Men's Centre	Group Home (Community Living)

*Table 2.4: Active reported outbreaks in other settings*

Active Reported Outbreaks in Other Settings			
Outbreak Start Date	HA	Facility/Community Name	Facility Type
11/2/2020	Provincial	Seymour Pacific Developments Worksite (MB)	Workplace/Communal Living
10/30/2020	Provincial	CNRL Albion Oil Sands (AB)	Workplace/Communal Living
10/22/2020	Provincial	Suncor Firebag Oil Sands	Workplace/Communal Living
10/10/2020	Provincial	CNRL Horizon Oil Sands (AB)	Workplace/Communal Living
10/2/2020	FHA	MSJ Distribution at Valhalla Distribution	Workplace
11/5/2020	IHA	RIH Construction Site	Workplace
11/13/2020	FHA	Platinum Athletic Club	Other
11/2/2020	FHA	Capella Dance Academy	Other
10/23/2020	Provincial	Big Horn Hotel, Watson Lake (YT)	Other

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*Table 2.5: Active reported outbreaks in schools*

Active Reported Outbreaks in Schools			
Outbreak Start Date	HA	Facility/Community Name	Facility Type
11/14/2020	FHA	Cambridge Elementary School	School or Daycare

Figures from the summary tables below are inclusive of newly declared active, newly declared over and all currently active outbreaks.

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*Table 2.6a: Summary of outbreaks in care facilities*

Summary of Outbreaks in Care Facilities			
Outbreak Characteristic	Outbreak Status		Total
	Declared Over	Currently Active	
<b>Number of Outbreaks by Setting</b>			
<i>Acute care facility</i>	19	11	<b>30</b>
<i>Assisted living</i>	10	3	<b>13</b>
<i>Group home (community living)</i>	1	1	<b>2</b>
<i>Independent living</i>	6	2	<b>8</b>
<i>Long term care facility</i>	79	38	<b>117</b>
<i>Other residential facility type</i>	1	0	<b>1</b>
<b>Total</b>	<b>116</b>	<b>55</b>	<b>171</b>
<b>Number of Outbreaks by Health Authority</b>			
<i>Fraser</i>	77	39	<b>116</b>
<i>Interior</i>	3	4	<b>7</b>
<i>Northern</i>	0	1	<b>1</b>
<i>Vancouver Coastal</i>	36	9	<b>45</b>
<i>Vancouver Island</i>	0	2	<b>2</b>
<b>Total</b>	<b>116</b>	<b>55</b>	<b>171</b>

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*Table 2.6b: Summary of cases/deaths in care facilities*

Summary of Cases/Deaths in Care Facilities			
Outbreak Characteristic	Outbreak Status		Total
	Declared Over	Currently Active	
Number of Cases			
Total Cases	967	696	1663
Residents	546	423	969
Staff/other	417	269	686
Unknown	4	4	8
New Cases			40
Residents			32
Staff/other			19
Unknown			-11*
Number of Deaths			
Total Deaths	180	35	215
Residents	180	35	215
Staff/other	0	0	0
Unknown	0	0	0
New Deaths			7
Residents			7
Staff/other			0
Unknown			0

\* Negative values represent change in case status from unknown to confirmed.

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*Table 2.7a: Summary of outbreaks in other facilities*

Summary of Outbreaks in Other Facilities			
Outbreak Characteristic	Outbreak Status		Total
	Declared Over	Currently Active	
<b>Number of Outbreaks by Setting</b>			
<i>Conference</i>	1	0	1
<i>Correctional facility</i>	3	0	3
<i>Religious institution</i>	1	0	1
<i>School or daycare</i>	1	1	2
<i>Shelter</i>	1	0	1
<i>Workplace not otherwise specified</i>	15	2	17
<i>Workplace with communal living</i>	3	4	7
<i>Other</i>	1	3	4
<b>Total</b>	<b>26</b>	<b>10</b>	<b>36</b>
<b>Number of Outbreaks by Health Authority</b>			
<i>Fraser</i>	13	4	17
<i>Interior</i>	9	1	10
<i>Vancouver Coastal</i>	1	0	1
<i>Provincial</i>	3	5	8
<b>Total</b>	<b>26</b>	<b>10</b>	<b>36</b>



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*Table 2.7b: Summary of outbreaks in other facilities*

Summary of Cases/Deaths in Other Facilities			
Outbreak Characteristic	Outbreak Status		Total
	Declared Over	Currently Active	
<b>Number of Cases</b>			
<b>Total Cases</b>	<b>655</b>	<b>162</b>	<b>817</b>
<i>Residents</i>	122	0	<b>122</b>
<i>Students</i>	10	48	<b>58</b>
<i>Staff/other</i>	520	112	<b>632</b>
<i>Unknown</i>	3	2	<b>5</b>
<b>New Cases</b>			<b>10</b>
<i>Residents</i>			<b>0</b>
<i>Students</i>			<b>5</b>
<i>Staff/other</i>			<b>73</b>
<i>Unknown</i>			<b>-68*</b>
<b>Number of Deaths</b>			
<b>Total Deaths</b>	<b>2</b>	<b>0</b>	<b>2</b>
<i>Residents</i>	1	0	<b>1</b>
<i>Students</i>	0	0	<b>0</b>
<i>Staff/other</i>	1	0	<b>1</b>
<i>Unknown</i>	0	0	<b>0</b>
<b>New Deaths</b>			<b>0</b>
<i>Residents</i>			<b>0</b>
<i>Students</i>			<b>0</b>
<i>Staff/other</i>			<b>0</b>
<i>Unknown</i>			<b>0</b>

\* Negative values represent change in case status from unknown to confirmed.

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### 3: COVID-19 App & Self-Assessment Tool (as of Nov 17/23:59)

*Table 3: COVID-19 app & self-assessment tool*

Date	Total App Users*	Total SAT Visits	Distinct SAT Users	Peak SAT Activity (users/min)	Average SAT Activity (users/hr)
<b>17-Nov</b>	<b>442,876</b>	<b>4,567,503</b>	<b>18,198</b>	<b>65.1</b>	<b>758.3</b>
16-Nov	440,728	4,541,334	19,430	67.6	809.6
15-Nov	438,258	4,513,127	9,679	25.6	403.3
14-Nov	436,776		9,531	23.8	397.1
13-Nov	435,491		16,163	54.5	673.5

### 4: 8-1-1 Calls (as of Nov 17/23:59)

*Table 4: 8-1-1 calls*

Date	Calls Received	Calls Answered	Abandon Rate	Average Wait (min)	Max Wait of Answered (min)	Average Handle Time (min)	COVID-related Calls Received
<b>17-Nov</b>	<b>4,290</b>	<b>4,135</b>	<b>3.6%</b>	<b>1.0</b>	<b>11.4</b>	<b>3.4</b>	<b>2,595</b>
16-Nov	4,638	3,790	18.3%	5.1	31.5	3.4	2,830
15-Nov	3,266	2,775	15.0%	4.6	33.6	3.5	1,807
14-Nov	2,969	2,927	1.4%	0.3	7.8	3.2	1,447
13-Nov	3,689	3,281	11.1%	3.0	28.2	3.6	2,079
Average pre-COVID call volumes: 1,250/day							

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### 5: Collection Sites (as of Nov 17/23:59)

*Table 5: Collection sites*

Health Authority	Tests Collected	Proportion of Tests Collected within 24 hrs (%)	Collection Capacity	Drop-In Visits <sup>^</sup>	Median Drop-In Wait (mins)	90th Percentile Drop-In Wait (mins)	Proportion of Appointments Booked within 20 mins (%) <sup>^^</sup>
FHA	3,774	100.0	4,275	2,085	5 - 60 min		
IHA	749		1,007				
NHA	275						
PHSA*	114	97.4	200	114	1.0	4.0	
VCHA**	1,686		2,660				
VIHA**	750	97.1	1,100				
<b>TOTAL</b>	<b>7,348</b>		<b>9,242</b>	<b>2,199</b>			

\* PHSA Median and 90th percentile drop-in wait times are based on the time between registration and test collection.

\*\* Whistler (VCHA) and VIHA collection volumes and capacity are reported with a 2-day delay.

<sup>^</sup> NHA and VIHA do not offer drop-in testing. IHA may have occasional drop-in if sites need to accommodate those who cannot get booked using the online system for testing within 24 hours.

<sup>^^</sup> FHA and IHA use an online system. Previously, IHA was using a call center model but switched to an online booking system.

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## 6: Lab Testing (as of Nov 17/23:59)

Table 6: Lab testing

Health Authority	Total Lab Tests Completed^	New Tests Completed^	New Non-Positive Tests^^	New Positive Tests*	7 Day Avg. Test Positivity Rate (%)	Lab Samples Pending**	Today's Projected Testing Capacity**	Median Turnaround Time (hrs)	90th Percentile Turnaround Time (hrs)
FHA	405,912	5,187	4,707	480	9.4	1,112	2,365	24.2	45.9
IHA	106,164	961	923	38	3.5	156	1,128	23.3	33.6
NHA	30,927	135	122	13	4.4	16	148	24.0	72.0
VCHA	330,331	3,769	3,561	208	4.8	1,263	5,500	24.0	32.8
VIHA	115,567	919	899	20	1.5	538	1,288	14.0	17.9
OTHER	16,858	174	174	0	0.0	2,525	9,604	24.0	46.3
<b>TOTAL</b>	<b>1,005,759</b>	<b>11,145</b>	<b>10,386</b>	<b>759</b>	<b>6.6</b>	<b>5,610</b>	<b>20,033</b>	<b>24.0</b>	<b>39.8</b>
<b>Lab Testing Totals from Last Four Business Days</b>									
16-Nov	994,615	6,819	6,103	716	6.6	6,610	20,033	24.8	48.0
15-Nov	987,796	9,396	8,753	643	6.6	5,433	19,233	29.4	48.0
12-Nov	955,239	9,480	8,869	611	6.2	6,115	18,633	28.6	48.0
11-Nov	945,759	12,442	11,854	588	5.9	5,081	18,633	24.6	48.0

^ Total Lab Tests Completed and New Tests Completed figures are aligned with the BCCDC COVID-19 Dashboard.

^^ Non-positive tests include tests that have returned negative, indeterminate and invalid results.

\* New positive tests data contain unique individual positive tests only and is equivalent to new lab-confirmed case count figures. On weekends and holidays, epi-linked cases are all assigned to the most recent day.

\*\* Pending and projected lab test totals also include data from C&W, BCCDC and LifeLabs. PHC figures are included in the VCHA totals.

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## 7: BC Emergency Health Services Call Volumes (as of Nov 17/23:59)

Table 7.1: "Influenza-like illness" call volumes

<b>"Influenza-like Illness" Call Volumes</b>						
<b>Date</b>	<b>IHA</b>	<b>FHA</b>	<b>VCHA</b>	<b>VIHA</b>	<b>NHA</b>	<b>TOTAL</b>
<b>17-Nov</b>	<b>29</b>	<b>83</b>	<b>47</b>	<b>44</b>	<b>11</b>	<b>214</b>
16-Nov	41	107	67	44	14	273
15-Nov	33	72	36	36	14	191
14-Nov	36	89	56	33	11	225
13-Nov	40	72	54	33	13	212
Average pre-COVID ILI events: ~6 events/week across BC						

Table 7.2: Total provincial call volumes

<b>Total Provincial Call Volumes</b>						
<b>Date</b>	<b>IHA</b>	<b>FHA</b>	<b>VCHA</b>	<b>VIHA</b>	<b>NHA</b>	<b>TOTAL</b>
<b>17-Nov</b>	<b>271</b>	<b>523</b>	<b>372</b>	<b>323</b>	<b>96</b>	<b>1,585</b>
16-Nov	281	507	386	292	91	1,557
15-Nov	263	446	310	257	91	1,367
14-Nov	280	501	377	250	110	1,518
13-Nov	316	469	342	288	110	1,525
Average pre-COVID BCEHS call volumes: 1,540/day						

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## 8: Emergency Department Visits (as of Nov 16/23:59)

*Table 8: Emergency department visits*

Health Authority	March 9	Today	Percentage Change
FHA	2,092	1,600	-23.5%
IHA	1,388	1,102	-20.6%
NHA	733	532	-27.4%
PHSA	155	103	-33.5%
VCHA	1,227	881	-28.2%
VIHA	964	970	0.6%
<b>TOTAL</b>	<b>6,559</b>	<b>5,188</b>	<b>-20.9%</b>

ED Visit Totals from Last Four Business Days							
Date	FHA	IHA	NHA	PHSA	VCHA	VIHA	TOTAL
15-Nov	1,623	1,117	556	91	880	1,111	5,378
14-Nov	1,515	970	473	56	813	877	4,704
12-Nov	1,618	1,047	597	84	840	968	5,154
11-Nov	1,625	1,103	578	83	872	996	5,257

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## 9: Hospital Bed Occupancy Rates (as of Nov 17/23:59)

Table 9.1: Total hospital occupancy rates

Total Hospital Occupancy Rates									
Health Authority	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	2,665	271	89.8%	921	904	1.8%	3,586	1,175	67.2%
IHA	1,436	95	93.4%	406	378	6.9%	1,842	473	74.3%
NHA	603	82	86.4%	243	233	4.1%	846	315	62.8%
PHSA	582	146	74.9%	59	59	0.0%	641	205	68.0%
VCHA	2,100	90	95.7%	1,136	1,055	7.1%	3,236	1,143	64.7%
VIHA	1,931	195	89.9%	168	168	0.0%	2,099	362	82.8%
<b>TOTAL</b>	<b>9,317</b>	<b>879</b>	<b>90.6%</b>	<b>2,933</b>	<b>2,797</b>	<b>4.6%</b>	<b>12,250</b>	<b>3,673</b>	<b>70.0%</b>
Hospital Occupancy Totals from Last Four Business Days									
16-Nov	9,317	968	89.6%	2,933	2,793	4.8%	12,250	3,760	69.3%
15-Nov	9,343	1,046	88.8%	2,935	2,851	2.9%	12,278	3,895	68.3%
13-Nov	9,343	976	89.6%	2,935	2,880	1.9%	12,278	3,854	68.6%
12-Nov	9,340	907	90.3%	2,936	2,833	3.5%	12,276	3,740	69.5%

- Total occupancy figures comprise all beds that are not NICU bassinets, including critical care beds.
- The pre-COVID-19 provincial hospital bed occupancy rate was 103.5% as of December 12, 2019.
- Base beds are defined as beds staffed to provide services to inpatient/residents at the required type and level of service. Surge beds are beds that are not considered staffed.

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*Table 9.2 & 9.3: COVID site hospital occupancy rates and non-COVID site hospital occupancy rates*

COVID Site Hospital Occupancy Rates									
Health Authority	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	1,339	66	95.1%	431	431	0.0%	1,770	497	71.9%
IHA	1,195	35	97.1%	275	251	8.7%	1,470	286	80.5%
NHA	359	46	87.2%	133	133	0.0%	492	179	63.6%
PHSA	159	60	62.3%	50	50	0.0%	209	110	47.4%
VCHA	1,654	13	99.2%	843	762	9.6%	2,497	775	69.0%
VIHA	1,277	83	93.5%	59	59	0.0%	1,336	142	89.4%
<b>TOTAL</b>	<b>5,983</b>	<b>303</b>	<b>94.9%</b>	<b>1,791</b>	<b>1,686</b>	<b>5.9%</b>	<b>7,774</b>	<b>1,989</b>	<b>74.4%</b>

Non-COVID Site Hospital Occupancy Rates									
Health Authority	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	1,326	205	84.5%	490	473	3.5%	1,816	678	62.7%
IHA	241	60	75.1%	131	127	3.1%	372	187	49.7%
NHA	244	36	85.2%	110	100	9.1%	354	136	61.6%
PHSA	423	86	79.7%	9	9	0.0%	432	95	78.0%
VCHA	446	77	82.7%	293	293	0.0%	739	368	50.2%
VIHA	654	112	82.9%	109	109	0.0%	763	220	71.2%
<b>TOTAL</b>	<b>3,334</b>	<b>576</b>	<b>82.7%</b>	<b>1,142</b>	<b>1,111</b>	<b>2.7%</b>	<b>4,476</b>	<b>1,684</b>	<b>62.4%</b>



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*Table 9.4: COVID-designated hospital occupancy rates*

COVID-Designated Hospital Occupancy Rates										
Health Authority	Hospital Name	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
<b>FHA</b>	Abbotsford Regional	275	17	93.8%	92	92	0.0%	367	109	70.3%
<b>FHA</b>	Royal Columbian	435	34	92.2%	96	96	0.0%	531	130	75.5%
<b>FHA</b>	Surrey Memorial	629	15	97.6%	243	243	0.0%	872	258	70.4%
<b>IHA</b>	East Kootenay Regional	77	0	100.0%	22	20	9.1%	99	20	79.8%
<b>IHA</b>	Kelowna General	443	5	98.9%	68	64	5.9%	511	69	86.5%
<b>IHA</b>	Kootenay Boundary Regional	75	9	88.0%	36	36	0.0%	111	45	59.5%
<b>IHA</b>	Penticton Regional	155	11	92.9%	61	61	0.0%	216	72	66.7%
<b>IHA</b>	Royal Inland	259	3	98.8%	20	2	90.0%	279	5	98.2%
<b>IHA</b>	Vernon Jubilee	186	7	96.2%	68	68	0.0%	254	75	70.5%
<b>NHA</b>	Fort St John & Peace Villa	46	17	63.0%	25	25	0.0%	71	42	40.8%
<b>NHA</b>	Mills Memorial	53	10	81.1%	15	15	0.0%	68	25	63.2%
<b>NHA</b>	UHNBC	260	19	92.7%	93	93	0.0%	353	112	68.3%
<b>PHSA</b>	B.C. Children's	159	60	62.3%	50	50	0.0%	209	110	47.4%
<b>VCHA</b>	Lions Gate	242	1	99.6%	95	91	4.2%	337	92	72.7%
<b>VCHA</b>	Richmond	204	0	100.0%	133	101	24.1%	337	101	70.0%
<b>VCHA</b>	St. Paul's	428	12	97.2%	266	266	0.0%	694	278	59.9%
<b>VCHA</b>	Vancouver General	780	0	100.0%	349	304	12.9%	1,129	304	73.1%
<b>VIHA</b>	Nanaimo Regional General	361	24	93.4%	0	0		361	24	93.4%
<b>VIHA</b>	Royal Jubilee	542	31	94.3%	36	36	0.0%	578	67	88.4%
<b>VIHA</b>	Victoria General	374	28	92.5%	23	23	0.0%	397	51	87.2%

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*Table 9.5: Critical care hospital occupancy rates*

Critical Care Hospital Occupancy Rates									
Health Authority	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	136	20	85.3%	115	114	0.9%	251	134	46.6%
IHA	87	16	81.6%	20	20	0.0%	107	36	66.4%
NHA	41	17	58.5%	23	23	0.0%	64	40	37.5%
PHSA	12	5	58.3%	16	16	0.0%	28	21	25.0%
VCHA	144	16	88.9%	84	79	6.0%	228	95	58.3%
VIHA	97	36	62.9%	0	0		97	36	62.9%
<b>TOTAL</b>	<b>517</b>	<b>110</b>	<b>78.7%</b>	<b>258</b>	<b>252</b>	<b>2.3%</b>	<b>775</b>	<b>362</b>	<b>53.3%</b>
Critical Care Hospital Occupancy Totals from Last Four Business Days									
16-Nov	517	106	79.5%	258	243	5.8%	775	349	55.0%
15-Nov	517	138	73.3%	258	256	0.8%	775	394	49.2%
13-Nov	517	109	78.9%	258	256	0.8%	775	365	52.9%
12-Nov	511	101	80.2%	259	256	1.2%	770	357	53.6%

- Critical care beds include those classified as being in Intensive Care Units (ICU), High Acuity Units (HAU), Cardiac Care Units (CCU), Cardiac Surgery Intensive Care Units (CSICU) and Pediatric Intensive Care Units (PICU).

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*Table 9.6: COVID-designated hospital critical care occupancy rates*

COVID-Designated Hospital Critical Care Occupancy Rates										
Health Authority	Hospital Name	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	Abbotsford Regional	16	1	93.8%	16	16	0.0%	32	17	46.9%
FHA	Royal Columbian	39	4	89.7%	32	32	0.0%	71	36	49.3%
FHA	Surrey Memorial	46	7	84.8%	60	60	0.0%	106	67	36.8%
IHA	East Kootenay Regional	6	0	100.0%	0	0		6	0	100.0%
IHA	Kelowna General	31	5	83.9%	9	9	0.0%	40	14	65.0%
IHA	Kootenay Boundary Regional	6	3	50.0%	1	1	0.0%	7	4	42.9%
IHA	Penticton Regional	7	1	85.7%	2	2	0.0%	9	3	66.7%
IHA	Royal Inland	21	3	85.7%	0	0		21	3	85.7%
IHA	Vernon Jubilee	10	3	70.0%	1	1	0.0%	11	4	63.6%
NHA	Fort St John & Peace Villa	4	1	75.0%	0	0		4	1	75.0%
NHA	Mills Memorial	5	3	40.0%	4	4	0.0%	9	7	22.2%
NHA	UHNBC	23	8	65.2%	16	16	0.0%	39	24	38.5%
PHSA	B.C. Children's	12	5	58.3%	16	16	0.0%	28	21	25.0%
VCHA	Lions Gate	9	1	88.9%	22	22	0.0%	31	23	25.8%
VCHA	Richmond	8	0	100.0%	29	29	0.0%	37	29	21.6%
VCHA	St. Paul's	35	4	88.6%	6	6	0.0%	41	10	75.6%
VCHA	Vancouver General	68	0	100.0%	12	7	41.7%	80	7	91.3%
VIHA	Nanaimo Regional General	18	8	55.6%	0	0		18	8	55.6%
VIHA	Royal Jubilee	38	11	71.1%	0	0		38	11	71.1%
VIHA	Victoria General	17	7	58.8%	0	0		17	7	58.8%

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## 10: Ventilator Inventory (as of Nov 13/10:00)

Table 10.1: Level 1 ventilator inventory

Level 1 Ventilator Inventory					
Fleet Type	Inventory	Unassigned	Deployed	Deployed & Out of Service	Deployed & In Service
Provincial Fleet	111	101	10	4	6
Site Fleet	599	N/A	599	42	557
<b>TOTAL</b>	<b>710</b>	<b>101</b>	<b>609</b>	<b>46</b>	<b>563</b>

Table 10.2: Level 2 ventilator inventory

Level 2 Ventilator Inventory					
Fleet Type	Inventory	Unassigned	Deployed	Deployed & Out of Service	Deployed & In Service
Provincial Fleet	62	62	0	0	0
Site Fleet	329	N/A	329	24	305
<b>TOTAL</b>	<b>391</b>	<b>62</b>	<b>329</b>	<b>24</b>	<b>305</b>

*Notes:* Level 1 includes intensive care ventilators with the most advanced monitoring. These are mainly located within ICU departments and are the first level of ventilators used in a pandemic. Level 2 includes sub-acute intensive care ventilators, advanced transport ventilators and more advanced non-invasive ventilators capable of invasive ventilation. These are used if no intensive care ventilators are available. They are located in non-ICU ventilated units for ventilating less-complex patients. There is an additional inventory of 56 level 3 ventilators in the provincial fleet - these are basic transport, basic non-invasive or home/portable ventilators and are less ideal, with limited monitoring for pandemic use.

Site fleet includes ventilators that are owned and reside in a facility, whereas provincial fleet includes ventilators that are owned by the province and may or may not reside in a particular facility. Deployed & Out of Service units are assigned to a hospital but not currently in operation.

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### 11: Home Health Monitoring (as of Nov 17/16:00)

*Table 11: Home health monitoring*

Date	Total Actively Monitored COVID Patients	Total Patients Discharged since March 26
17-Nov	912	8,097
16-Nov	935	8,030
13-Nov	760	7,954
12-Nov	677	7,945
10-Nov	604	7,921
Total COVID patients monitored to date: <b>9009</b>		

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## 12: PHO Orders

**November 13, 2020:** The PHO issued an order on November 13, 2020 on [COVID-19 Prevention Regional Measures](#).

**November 10, 2020:** The PHO repealed and replaced the order of October 30, 2020 on [Gatherings and Events](#).

**October 9, 2020:** The PHO repealed and replaced the order of September 18, 2020 on [Food and Liquor Serving Premises](#).

**September 16, 2020:** The PHO issued an order on [Registered Nurse and Registered Psychiatric Nurse Public Health Pharmacotherapy](#).

**August 30, 2020:** The Federal Chief PHO issued updates to the [Federal Quarantine Order](#) on minimizing the risk of exposure to COVID-19 in Canada.

**July 2, 2020:** The PHO repealed and replaced the order of April 23, 2020 on [Industrial Camps](#).

**May 29, 2020:** The PHO issued an order on [Overnight Camps for Children and Youth](#).

**May 28, 2020:** The PHO repealed and replaced the PHO oral order of March 27, 2020 and the written order of April 15, 2020 on [Vending Markets](#).

**May 14, 2020:** The PHO cancelled the order of April 16, 2020 on [Personal Services](#).

**May 14, 2020:** The PHO issued an order on [Workplace COVID-19 Safety Plans](#).

**May 7, 2020:** The PHO issued an order on [Licensed Practical Nurse SARS-CoV-2 Swabbing](#).

**April 15, 2020:** The PHO amended the order of April 10, 2020 on [Health Care Labour Adjustment](#) with respect to [Facility Staff Assignment](#).

**April 14, 2020:** The PHO amended the order of April 10, 2020 on [Health Care Labour Adjustment](#) with respect to [Travellers and Employers](#).

**April 10, 2020:** The PHO issued an order on [Health Care Labour Adjustment](#).

**March 26, 2020:** The PHO issued an order on [Information Collection from Long Term Care Facility Staff](#).

For other COVID-19 related notices and guidance please see the following:

[PHO COVID-19 Orders, Notices & Guidance](#)

[BCCDC COVID-19 Care Resources](#)

# Daily COVID-19 Report

COVID Response and Health Emergency Management Division

November 19, 2020



Ministry of  
Health

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Rows and figures that are bolded indicate a change from the previous report.



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## 1: Case Counts (as of Nov 19/10:00)

- 536 new cases have been reported since yesterday
  - 9 new epi-linked case have been reported since yesterday (1 FHA, 5 NHA and 3 VCHA)
  - 1 new death has been reported since yesterday (1 FHA)

Table 1: Case counts

Collection of total case counts at the Ministry began on March 17, 2020.

Case Counts											
Health Authority	Total Cases (Lab & Epi)	New Cases (last 24 hrs)	Total Lab-Confirmed Cases	Total Epi-Linked Cases	Currently in Hospital	Currently in ICU/HAU	Mechanically Ventilated	Active Cases	Actively Monitored	Recovered Cases	Deaths
FHA	15,448	308	15,313	135	146	31	14	5,117	4,962	9,680	154
IHA	1,172	28	1,130	42	2	1	0	223	598	946	3
VIHA	429	12	423	6	3	1	1	118	472	305	6
NHA	563	11	523	40	8	12	1	74	254	484	5
VCHA	7,256	177	7,178	78	58	14	8	1,393	3,691	5,707	153
Out of Canada	90	0	89	1	0			1	0	84	0
<b>TOTAL</b>	<b>24,958</b>	<b>536</b>	<b>24,656</b>	<b>302</b>	<b>217</b>	<b>59</b>	<b>24</b>	<b>6,926</b>	<b>9,977</b>	<b>17,206</b>	<b>321</b>
Case Count Totals from Last Four Days											
18-Nov	24,422	762*	24,129	293	209	57	19	6,861	9,871	16,914	320
17-Nov	23,661	717	23,370	291	198	63	24	6,589	10,960	16,469	310
16-Nov	22,944	646	22,654	290	181	57	20	6,279	10,928	16,087	299
15-Nov	22,298	659				53	22				296

Mechanically Ventilated numbers are included in the ICU/HAU figures and ICU/HAU numbers are included in the Currently in Hospital figures.

\* One case reported yesterday that was assigned to out of Canada is now assigned to NHA.

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### 2: Facility & Community Outbreaks (as of Nov 19/10:00)

- 6 new outbreaks have been reported since yesterday (4 FHA, 1 VCHA, 1 Provincial)
- No outbreaks have been declared over yesterday
- 1 new death has been reported in outbreaks since yesterday (Hawthorne Seniors Care Community – Assisted Living in FHA)

*Table 2.1: Outbreaks newly declared since last report*

Outbreaks Newly Declared Since Last Report									
Outbreak Start Date	HA	Facility/Community Name	Facility Type	Totals		Residents/Students		Staff/Other	
				Total Cases	Total Deaths	Total Cases	Total Deaths	Total Cases	Total Deaths
11/18/2020	FHA	Royal Columbian Hospital T5N	Acute Care	1	0	1	0	0	0
11/18/2020	FHA	Cottage-Worthington Pavilion	LTC	2	0	0	0	2	0
11/18/2020	FHA	Langley Memorial Hospital – LTC 2	LTC	1	0	0	0	1	0
11/18/2020	FHA	The Residence at Clayton Heights 2	LTC	2	0	0	0	2	0
11/18/2020	VCHA	Windermere Care Centre 2	LTC	2	0	0	0	2	0
11/19/2020	Provincial	LNG Kitimat	Workplace	11	0	0	0	11	0
<b>TOTAL</b>				<b>19</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>18</b>	<b>0</b>

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*Table 2.2: Outbreaks declared over in the last five business days*

Outbreaks Declared Over in the Last Five Business Days										
Outbreak Start Date	Outbreak End Date	HA	Facility/Community Name	Facility Type	Totals		Residents/Students		Staff/Other	
					Total Cases	Total Deaths	Total Cases	Total Deaths	Total Cases	Total Deaths
11/7/2020	11/17/2020	FHA	Normanna 2	LTC	1	0	0	0	1	0
11/3/2020	11/17/2020	IHA	La Casa Resort	Other	0	0	0	4	0	3
11/3/2020	11/14/2020	IHA	Village at Mill Creek	LTC	2	0	0	0	1	0
9/30/2020	11/14/2020	VCHA	Haro Park Centre, Entire Facility	LTC	22	1	15	1	7	0
10/1/2020	11/13/2020	FHA	Surrey Memorial Hospital-5W	Acute care	12	2	9	2	3	0
10/17/2020	11/13/2020	FHA	Rosemary Height Seniors Village	LTC	6	1	4	1	2	0
<b>TOTAL</b>					<b>43</b>	<b>4</b>	<b>28</b>	<b>8</b>	<b>14</b>	<b>3</b>

*Table 2.3: Active reported outbreaks in care facilities*

Active Reported Outbreaks in Care Facilities			
Outbreak Start Date	HA	Facility/Community Name	Facility Type
11/18/2020	FHA	Royal Columbian Hospital T5N	Acute Care
11/17/2020	FHA	Burnaby Hospital 3B	Acute Care
11/17/2020	FHA	Burnaby Hospital 4BA	Acute Care
11/17/2020	FHA	Burnaby Hospital 5A	Acute Care
11/17/2020	FHA	Surrey Memorial Hospital 5W (2)	Acute Care
11/16/2020	FHA	Burnaby Hospital 2C	Acute Care
11/15/2020	FHA	Burnaby Hospital BH-3C 2	Acute Care
11/9/2020	FHA	Burnaby Hospital 2A	Acute Care

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11/5/2020	FHA	Fellburn Care Center – PATH unit	Acute Care
11/5/2020	FHA	Langley Memorial Hospital – 4SC	Acute Care
11/5/2020	FHA	Ridge Meadows Hospital – AM Rehab 2	Acute Care
11/11/2020	VIHA	NRGH/Transitions Unit	Acute Care
<b>11/18/2020</b>	<b>FHA</b>	<b>Cottage-Worthington Pavilion</b>	<b>LTC</b>
<b>11/18/2020</b>	<b>FHA</b>	<b>Langley Memorial Hospital – LTC 2</b>	<b>LTC</b>
<b>11/18/2020</b>	<b>FHA</b>	<b>The Residence at Clayton Heights 2</b>	<b>LTC</b>
11/17/2020	FHA	Menno Home	LTC
11/13/2020	FHA	Jackman Manor	LTC
11/13/2020	FHA	George Derby Centre 2	LTC
11/13/2020	FHA	Kiwanis Care Centre	LTC
11/12/2020	FHA	Dr. Al Hogg Pavilion 2	LTC
11/11/2020	FHA	Dania Home 2	LTC
11/11/2020	FHA	Finnish Manor	LTC
11/10/2020	FHA	Peace Portal Seniors Village 2	LTC
11/10/2020	FHA	The Harrison at Elim Village 2	LTC
11/9/2020	FHA	Langley Gardens LTC	LTC
11/9/2020	FHA	Holyrood Manor	LTC
11/6/2020	FHA	The Residence, Mission	LTC
11/5/2020	FHA	Fort Langley Seniors Community 2	LTC
11/5/2020	FHA	Northcrest Care Centre	LTC
11/5/2020	FHA	Suncreek Village	LTC
11/4/2020	FHA	Tabor Home 2	LTC
11/3/2020	FHA	Hawthorne Seniors Care Community	LTC
11/3/2020	FHA	White Rock Seniors Village 2	LTC
11/2/2020	FHA	Belvedere Care Centre	LTC
11/1/2020	FHA	Good Samaritan Delta View Care Centre 2	LTC
10/26/2020	FHA	Fellburn Care Center	LTC
10/24/2020	FHA	Agassiz Seniors Community	LTC
10/22/2020	FHA	Laurel Place	LTC
10/19/2020	FHA	Evergreen Baptist Care Society	LTC

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11/14/2020	IHA	Village by the Station	LTC
11/14/2020	IHA	Hamlets at Westsyde	LTC
11/13/2020	IHA	Sun Pointe Village	LTC
11/2/2020	NHA	Rotary Manor	LTC
<b>11/18/2020</b>	<b>VCHA</b>	<b>Windermere Care Centre 2</b>	<b>LTC</b>
11/12/2020	VCHA	Columbus Residence	LTC
11/12/2020	VCHA	Arbutus Care Centre 2	LTC
11/10/2020	VCHA	Holy Family Hospital 4	LTC
11/9/2020	VCHA	Capilano Care Centre	LTC
11/8/2020	VCHA	Fraserview Intermediate Care Lodge	LTC
10/26/2020	VCHA	Louis Brier Home and Hospital	LTC
10/23/2020	VCHA	Banfield Pavilion - 4th Floor West	LTC
10/21/2020	VCHA	Three Links Care Centre	LTC
10/18/2020	VCHA	Royal Arch Masonic Home 3	LTC
11/17/2020	VIHA	Rainbow Gardens	LTC
11/14/2020	FHA	PICS Assisted Living 3	Assisted Living
11/8/2020	FHA	Harrison Pointe	Assisted Living
10/29/2020	FHA	Hawthorne Seniors Care Community	Assisted Living
11/17/2020	FHA	Agecare Harmony Court Estates	Independent Living
10/24/2020	FHA	Amenida Seniors Community	Independent Living
10/27/2020	IHA	Okanagan Men's Centre	Group Home (Community Living)

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*Table 2.4: Active reported outbreaks in other settings*

Active Reported Outbreaks in Other Settings			
Outbreak Start Date	HA	Facility/Community Name	Facility Type
11/2/2020	Provincial	Seymour Pacific Developments Worksite (MB)	Workplace/Communal Living
10/30/2020	Provincial	CNRL Albion Oil Sands (AB)	Workplace/Communal Living
10/22/2020	Provincial	Suncor Firebag Oil Sands	Workplace/Communal Living
10/10/2020	Provincial	CNRL Horizon Oil Sands (AB)	Workplace/Communal Living
10/2/2020	FHA	MSJ Distribution at Valhalla Distribution	Workplace
11/5/2020	IHA	RIH Construction Site	Workplace
<b>11/19/2020</b>	<b>Provincial</b>	<b>LNG Kitimat</b>	<b>Workplace</b>
11/13/2020	FHA	Platinum Athletic Club	Other
11/2/2020	FHA	Capella Dance Academy	Other
10/23/2020	Provincial	Big Horn Hotel, Watson Lake (YT)	Other

*Table 2.5: Active reported outbreaks in schools*

Active Reported Outbreaks in Schools			
Outbreak Start Date	HA	Facility/Community Name	Facility Type
11/14/2020	FHA	Cambridge Elementary School	School or Daycare

Figures from the summary tables below are inclusive of newly declared active, newly declared over and all currently active outbreaks.

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*Table 2.6a: Summary of outbreaks in care facilities*

Summary of Outbreaks in Care Facilities			
Outbreak Characteristic	Outbreak Status		Total
	Declared Over	Currently Active	
<b>Number of Outbreaks by Setting</b>			
<i>Acute care facility</i>	19	12	<b>31</b>
<i>Assisted living</i>	10	3	<b>13</b>
<i>Group home (community living)</i>	1	1	<b>2</b>
<i>Independent living</i>	6	2	<b>8</b>
<i>Long term care facility</i>	79	42	<b>121</b>
<i>Other residential facility type</i>	1	0	<b>1</b>
<b>Total</b>	<b>116</b>	<b>60</b>	<b>176</b>
<b>Number of Outbreaks by Health Authority</b>			
<i>Fraser</i>	77	43	<b>120</b>
<i>Interior</i>	3	4	<b>7</b>
<i>Northern</i>	0	1	<b>1</b>
<i>Vancouver Coastal</i>	36	10	<b>46</b>
<i>Vancouver Island</i>	0	2	<b>2</b>
<b>Total</b>	<b>116</b>	<b>60</b>	<b>176</b>

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*Table 2.6b: Summary of cases/deaths in care facilities*

Summary of Cases/Deaths in Care Facilities			
Outbreak Characteristic	Outbreak Status		Total
	Declared Over	Currently Active	
Number of Cases			
Total Cases	967	750	1,717
Residents	546	454	1,000
Staff/other	417	291	708
Unknown	4	5	9
New Cases			54
Residents			31
Staff/other			22
Unknown			1
Number of Deaths			
Total Deaths	180	36	216
Residents	180	36	216
Staff/other	0	0	0
Unknown	0	0	0
New Deaths			1
Residents			1
Staff/other			0
Unknown			0

\* Negative values represent change in case status from unknown to confirmed.



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*Table 2.7a: Summary of outbreaks in other facilities*

Summary of Outbreaks in Other Facilities			
Outbreak Characteristic	Outbreak Status		Total
	Declared Over	Currently Active	
<b>Number of Outbreaks by Setting</b>			
<i>Conference</i>	1	0	<b>1</b>
<i>Correctional facility</i>	3	0	<b>3</b>
<i>Religious institution</i>	1	0	<b>1</b>
<i>School or daycare</i>	1	1	<b>2</b>
<i>Shelter</i>	1	0	<b>1</b>
<i>Workplace not otherwise specified</i>	15	3	<b>18</b>
<i>Workplace with communal living</i>	3	4	<b>7</b>
<i>Other</i>	1	3	<b>4</b>
<b>Total</b>	<b>26</b>	<b>11</b>	<b>37</b>
<b>Number of Outbreaks by Health Authority</b>			
<i>Fraser</i>	13	4	<b>17</b>
<i>Interior</i>	9	1	<b>10</b>
<i>Vancouver Coastal</i>	1	0	<b>1</b>
<i>Provincial</i>	3	6	<b>9</b>
<b>Total</b>	<b>26</b>	<b>11</b>	<b>37</b>

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*Table 2.7b: Summary of outbreaks in other facilities*

Summary of Cases/Deaths in Other Facilities			
Outbreak Characteristic	Outbreak Status		Total
	Declared Over	Currently Active	
<b>Number of Cases</b>			
<b>Total Cases</b>	<b>656</b>	<b>176</b>	<b>832</b>
<i>Residents</i>	122	0	<b>122</b>
<i>Students</i>	10	48	<b>58</b>
<i>Staff/other</i>	520	125	<b>645</b>
<i>Unknown</i>	4	3	<b>7</b>
<b>New Cases</b>			<b>15</b>
<i>Residents</i>			<b>0</b>
<i>Students</i>			<b>0</b>
<i>Staff/other</i>			<b>13</b>
<i>Unknown</i>			<b>2</b>
<b>Number of Deaths</b>			
<b>Total Deaths</b>	<b>2</b>	<b>0</b>	<b>2</b>
<i>Residents</i>	1	0	<b>1</b>
<i>Students</i>	0	0	<b>0</b>
<i>Staff/other</i>	1	0	<b>1</b>
<i>Unknown</i>	0	0	<b>0</b>
<b>New Deaths</b>			<b>0</b>
<i>Residents</i>			<b>0</b>
<i>Students</i>			<b>0</b>
<i>Staff/other</i>			<b>0</b>
<i>Unknown</i>			<b>0</b>

\* Negative values represent change in case status from unknown to confirmed.

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### 3: COVID-19 App & Self-Assessment Tool (as of Nov 18/23:59)

*Table 3: COVID-19 app & self-assessment tool*

Date	Total App Users	Total SAT Visits	Distinct SAT Users	Peak SAT Activity (users/min)	Average SAT Activity (users/hr)
<b>18-Nov</b>	<b>444,923</b>	<b>4,593,577</b>	<b>17,972</b>	<b>56.8</b>	<b>748.8</b>
17-Nov	442,876	4,567,503	18,198	65.1	758.3
16-Nov	440,728	4,541,334	19,430	67.6	809.6
15-Nov	438,258	4,513,127	9,679	25.6	403.3
14-Nov	436,776		9,531	23.8	397.1

### 4: 8-1-1 Calls (as of Nov 18/23:59)

*Table 4: 8-1-1 calls*

Date	Calls Received	Calls Answered	Abandon Rate	Average Wait (min)	Max Wait of Answered (min)	Average Handle Time (min)	COVID-related Calls Received
<b>18-Nov</b>	<b>4,139</b>	<b>3,956</b>	<b>4.4%</b>	<b>1.2</b>	<b>13.3</b>	<b>3.4</b>	<b>2,484</b>
17-Nov	4,290	4,135	3.6%	1.0	11.4	3.4	2,595
16-Nov	4,638	3,790	18.3%	5.1	31.5	3.4	2,830
15-Nov	3,266	2,775	15.0%	4.6	33.6	3.5	1,807
14-Nov	2,969	2,927	1.4%	0.3	7.8	3.2	1,447
Average pre-COVID call volumes: 1,250/day							

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### 5: Collection Sites (as of Nov 18/23:59)

*Table 5: Collection sites*

Health Authority	Tests Collected	Proportion of Tests Collected within 24 hrs (%)	Collection Capacity	Drop-In Visits <sup>^</sup>	Median Drop-In Wait (mins)	90th Percentile Drop-In Wait (mins)	Proportion of Appointments Booked within 20 mins (%) <sup>^^</sup>
FHA	4,043	100.0	4,425	1,722	5 - 60 min		
IHA	796		1,083				
NHA	284						
PHSA*	120	100.0	200	120	0.0	3.0	
VCHA**	1,643		2,660				
VIHA**	602	57.8	1,100				
<b>TOTAL</b>	<b>7,488</b>		<b>9,468</b>	<b>1,842</b>			

\* PHSA Median and 90th percentile drop-in wait times are based on the time between registration and test collection.

\*\* Whistler (VCHA) and VIHA collection volumes and capacity are reported with a 2-day delay.

<sup>^</sup> NHA and VIHA do not offer drop-in testing. IHA may have occasional drop-in if sites need to accommodate those who cannot get booked using the online system for testing within 24 hours.

<sup>^^</sup> FHA and IHA use an online system. Previously, IHA was using a call center model but switched to an online booking system.

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## 6: Lab Testing (as of Nov 18/23:59)

Table 6: Lab testing

Health Authority	Total Lab Tests Completed^	New Tests Completed^	New Non-Positive Tests^^	New Positive Tests*	7 Day Avg. Test Positivity Rate (%)	Lab Samples Pending**	Today's Projected Testing Capacity**	Median Turnaround Time (hrs)	90th Percentile Turnaround Time (hrs)
FHA	412,852	6,940	6,633	307	9.7	1,271	2,365	29.0	48.0
IHA	106,887	723	695	28	3.6	159	1,128	29.1	46.3
NHA	31,089	162	156	6	5.0	32	148	48.0	48.0
VCHA	334,696	4,365	4,191	174	5.0	1,086	5,500	24.5	48.0
VIHA	116,941	1,374	1,362	12	1.5	696	1,288	12.5	48.0
OTHER	17,086	228	228	0	0.0	4,479	9,604	32.5	48.0
<b>TOTAL</b>	<b>1,019,551</b>	<b>13,792</b>	<b>13,265</b>	<b>527</b>	<b>6.8</b>	<b>7,723</b>	<b>20,033</b>	<b>25.9</b>	<b>48.0</b>
<b>Lab Testing Totals from Last Four Business Days</b>									
17-Nov	1,005,759	11,145	10,609	759	6.6	5,610	20,033	24.0	39.8
16-Nov	994,615	6,819	6,103	716	6.6	6,610	20,033	24.8	48.0
15-Nov	987,796	9,396	8,753	643	6.6	5,433	19,233	29.4	48.0
12-Nov	955,239	9,480	8,869	611	6.2	6,115	18,633	28.6	48.0

^ Total Lab Tests Completed and New Tests Completed figures are aligned with the BCCDC COVID-19 Dashboard.

^^ Non-positive tests include tests that have returned negative, indeterminate and invalid results.

\* New positive tests data contain unique individual positive tests only and is equivalent to new lab-confirmed case count figures. On weekends and holidays, epi-linked cases are all assigned to the most recent day.

\*\* Pending and projected lab test totals also include data from C&W, BCCDC and LifeLabs. PHC figures are included in the VCHA totals.

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## 7: BC Emergency Health Services Call Volumes (as of Nov 18/23:59)

Table 7.1: "Influenza-like illness" call volumes

<b>"Influenza-like Illness" Call Volumes</b>						
<b>Date</b>	<b>IHA</b>	<b>FHA</b>	<b>VCHA</b>	<b>VIHA</b>	<b>NHA</b>	<b>TOTAL</b>
<b>18-Nov</b>	<b>39</b>	<b>69</b>	<b>47</b>	<b>31</b>	<b>9</b>	<b>195</b>
17-Nov	29	83	47	44	11	214
16-Nov	41	107	67	44	14	273
15-Nov	33	72	36	36	14	191
14-Nov	36	89	56	33	11	225
Average pre-COVID ILI events: ~6 events/week across BC						

Table 7.2: Total provincial call volumes

<b>Total Provincial Call Volumes</b>						
<b>Date</b>	<b>IHA</b>	<b>FHA</b>	<b>VCHA</b>	<b>VIHA</b>	<b>NHA</b>	<b>TOTAL</b>
<b>18-Nov</b>	<b>281</b>	<b>528</b>	<b>364</b>	<b>291</b>	<b>94</b>	<b>1,558</b>
17-Nov	271	523	372	323	96	1,585
16-Nov	281	507	386	292	91	1,557
15-Nov	263	446	310	257	91	1,367
14-Nov	280	501	377	250	110	1,518
Average pre-COVID BCEHS call volumes: 1,540/day						

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**8: Emergency Department Visits (as of Nov 17/23:59)**

*Table 8: Emergency department visits*

Health Authority	March 9	Today	Percentage Change
FHA	2,092	1,586	-24.2%
IHA	1,388	1,075	-22.6%
NHA	733	558	-23.9%
PHSA	155	86	-44.5%
VCHA	1,227	830	-32.4%
VIHA	964	970	0.6%
<b>TOTAL</b>	<b>6,559</b>	<b>5,105</b>	<b>-22.2%</b>

ED Visit Totals from Last Four Business Days							
Date	FHA	IHA	NHA	PHSA	VCHA	VIHA	TOTAL
16-Nov	1,600	1,102	532	103	881	970	5,188
15-Nov	1,623	1,117	556	91	880	1,111	5,378
14-Nov	1,515	970	473	56	813	877	4,704
12-Nov	1,618	1,047	597	84	840	968	5,154

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## 9: Hospital Bed Occupancy Rates (as of Nov 18/23:59)

Table 9.1: Total hospital occupancy rates

Total Hospital Occupancy Rates									
Health Authority	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	2,665	294	89.0%	921	904	1.8%	3,586	1,198	66.6%
IHA	1,436	94	93.5%	406	371	8.6%	1,842	462	74.9%
NHA	603	77	87.2%	243	237	2.5%	846	314	62.9%
PHSA	582	146	74.9%	59	59	0.0%	641	205	68.0%
VCHA	2,100	84	96.0%	1,136	1,048	7.7%	3,236	1,130	65.1%
VIHA	1,931	194	90.0%	168	168	0.0%	2,099	362	82.8%
<b>TOTAL</b>	<b>9,317</b>	<b>889</b>	<b>90.5%</b>	<b>2,933</b>	<b>2,787</b>	<b>5.0%</b>	<b>12,250</b>	<b>3,671</b>	<b>70.0%</b>
Hospital Occupancy Totals from Last Four Business Days									
17-Nov	9,317	879	90.6%	2,933	2,797	4.6%	12,250	3,673	70.0%
16-Nov	9,317	968	89.6%	2,933	2,793	4.8%	12,250	3,760	69.3%
15-Nov	9,343	1,046	88.8%	2,935	2,851	2.9%	12,278	3,895	68.3%
13-Nov	9,343	976	89.6%	2,935	2,880	1.9%	12,278	3,854	68.6%

- Total occupancy figures comprise all beds that are not NICU bassinets, including critical care beds.
- The pre-COVID-19 provincial hospital bed occupancy rate was 103.5% as of December 12, 2019.
- Base beds are defined as beds staffed to provide services to inpatient/residents at the required type and level of service. Surge beds are beds that are not considered staffed.



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*Table 9.2 & 9.3: COVID site hospital occupancy rates and non-COVID site hospital occupancy rates*

COVID Site Hospital Occupancy Rates									
Health Authority	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	1,339	68	94.9%	431	431	0.0%	1,770	499	71.8%
IHA	1,195	48	96.0%	275	252	8.4%	1,470	297	79.8%
NHA	359	37	89.7%	133	133	0.0%	492	170	65.4%
PHSA	159	54	66.0%	50	50	0.0%	209	104	50.2%
VCHA	1,654	24	98.5%	843	755	10.4%	2,497	779	68.8%
VIHA	1,277	86	93.3%	59	59	0.0%	1,336	145	89.1%
<b>TOTAL</b>	<b>5,983</b>	<b>317</b>	<b>94.7%</b>	<b>1,791</b>	<b>1,680</b>	<b>6.2%</b>	<b>7,774</b>	<b>1,994</b>	<b>74.4%</b>

Non-COVID Site Hospital Occupancy Rates									
Health Authority	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	1,326	226	83.0%	490	473	3.5%	1,816	699	61.5%
IHA	241	46	80.9%	131	119	9.2%	372	165	55.6%
NHA	244	40	83.6%	110	104	5.5%	354	144	59.3%
PHSA	423	92	78.3%	9	9	0.0%	432	101	76.6%
VCHA	446	60	86.5%	293	293	0.0%	739	351	52.5%
VIHA	654	108	83.5%	109	109	0.0%	763	217	71.6%
<b>TOTAL</b>	<b>3,334</b>	<b>572</b>	<b>82.8%</b>	<b>1,142</b>	<b>1,107</b>	<b>3.1%</b>	<b>4,476</b>	<b>1,677</b>	<b>62.5%</b>

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*Table 9.4: COVID-designated hospital occupancy rates*

COVID-Designated Hospital Occupancy Rates										
Health Authority	Hospital Name	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	Abbotsford Regional	275	21	92.4%	92	92	0.0%	367	113	69.2%
FHA	Royal Columbian	435	40	90.8%	96	96	0.0%	531	136	74.4%
FHA	Surrey Memorial	629	7	98.9%	243	243	0.0%	872	250	71.3%
IHA	East Kootenay Regional	77	2	97.4%	22	22	0.0%	99	24	75.8%
IHA	Kelowna General	443	14	96.8%	68	68	0.0%	511	82	84.0%
IHA	Kootenay Boundary Regional	75	9	88.0%	36	36	0.0%	111	45	59.5%
IHA	Penticton Regional	155	18	88.4%	61	61	0.0%	216	79	63.4%
IHA	Royal Inland	259	1	99.6%	20	0	100.0%	279	-2	100.7%
IHA	Vernon Jubilee	186	4	97.8%	68	65	4.4%	254	69	72.8%
NHA	Fort St John & Peace Villa	46	12	73.9%	25	25	0.0%	71	37	47.9%
NHA	Mills Memorial	53	10	81.1%	15	15	0.0%	68	25	63.2%
NHA	UHNBC	260	15	94.2%	93	93	0.0%	353	108	69.4%
PHSA	B.C. Children's	159	54	66.0%	50	50	0.0%	209	104	50.2%
VCHA	Lions Gate	242	1	99.6%	95	77	18.9%	337	78	76.9%
VCHA	Richmond	204	0	100.0%	133	109	18.0%	337	109	67.7%
VCHA	St. Paul's	428	23	94.6%	266	266	0.0%	694	289	58.4%
VCHA	Vancouver General	780	0	100.0%	349	303	13.2%	1,129	303	73.2%
VIHA	Nanaimo Regional General	361	24	93.4%	0	0		361	24	93.4%
VIHA	Royal Jubilee	542	34	93.7%	36	36	0.0%	578	70	87.9%
VIHA	Victoria General	374	28	92.5%	23	23	0.0%	397	51	87.2%

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*Table 9.5: Critical care hospital occupancy rates*

Critical Care Hospital Occupancy Rates									
Health Authority	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	136	20	85.3%	115	114	0.9%	251	134	46.6%
IHA	87	14	83.9%	20	20	0.0%	107	34	68.2%
NHA	41	13	68.3%	23	23	0.0%	64	36	43.8%
PHSA	12	5	58.3%	16	16	0.0%	28	21	25.0%
VCHA	144	14	90.3%	84	82	2.4%	228	96	57.9%
VIHA	97	39	59.8%	0	0		97	39	59.8%
<b>TOTAL</b>	<b>517</b>	<b>105</b>	<b>79.7%</b>	<b>258</b>	<b>255</b>	<b>1.2%</b>	<b>775</b>	<b>360</b>	<b>53.5%</b>
Critical Care Hospital Occupancy Totals from Last Four Business Days									
17-Nov	517	110	78.7%	258	252	2.3%	775	362	53.3%
16-Nov	517	106	79.5%	258	243	5.8%	775	349	55.0%
15-Nov	517	138	73.3%	258	256	0.8%	775	394	49.2%
13-Nov	517	109	78.9%	258	256	0.8%	775	365	52.9%

- Critical care beds include those classified as being in Intensive Care Units (ICU), High Acuity Units (HAU), Cardiac Care Units (CCU), Cardiac Surgery Intensive Care Units (CSICU) and Pediatric Intensive Care Units (PICU).

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*Table 9.6: COVID-designated hospital critical care occupancy rates*

COVID-Designated Hospital Critical Care Occupancy Rates										
Health Authority	Hospital Name	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	Abbotsford Regional	16	0	100.0%	16	16	0.0%	32	16	50.0%
FHA	Royal Columbian	39	8	79.5%	32	32	0.0%	71	40	43.7%
FHA	Surrey Memorial	46	4	91.3%	60	60	0.0%	106	64	39.6%
IHA	East Kootenay Regional	6	1	83.3%	0	0		6	1	83.3%
IHA	Kelowna General	31	3	90.3%	9	9	0.0%	40	12	70.0%
IHA	Kootenay Boundary Regional	6	3	50.0%	1	1	0.0%	7	4	42.9%
IHA	Penticton Regional	7	1	85.7%	2	2	0.0%	9	3	66.7%
IHA	Royal Inland	21	1	95.2%	0	0		21	1	95.2%
IHA	Vernon Jubilee	10	4	60.0%	1	1	0.0%	11	5	54.5%
NHA	Fort St John & Peace Villa	4	0	100.0%	0	0		4	0	100.0%
NHA	Mills Memorial	5	2	60.0%	4	4	0.0%	9	6	33.3%
NHA	UHNBC	23	6	73.9%	16	16	0.0%	39	22	43.6%
PHSA	B.C. Children's	12	5	58.3%	16	16	0.0%	28	21	25.0%
VCHA	Lions Gate	9	1	88.9%	22	22	0.0%	31	23	25.8%
VCHA	Richmond	8	0	100.0%	29	29	0.0%	37	29	21.6%
VCHA	St. Paul's	35	7	80.0%	6	6	0.0%	41	13	68.3%
VCHA	Vancouver General	68	0	100.0%	12	10	16.7%	80	10	87.5%
VIHA	Nanaimo Regional General	18	9	50.0%	0	0		18	9	50.0%
VIHA	Royal Jubilee	38	13	65.8%	0	0		38	13	65.8%
VIHA	Victoria General	17	8	52.9%	0	0		17	8	52.9%

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## 10: Ventilator Inventory (as of Nov 13/10:00)

Table 10.1: Level 1 ventilator inventory

Level 1 Ventilator Inventory					
Fleet Type	Inventory	Unassigned	Deployed	Deployed & Out of Service	Deployed & In Service
Provincial Fleet	111	101	10	4	6
Site Fleet	599	N/A	599	42	557
<b>TOTAL</b>	<b>710</b>	<b>101</b>	<b>609</b>	<b>46</b>	<b>563</b>

Table 10.2: Level 2 ventilator inventory

Level 2 Ventilator Inventory					
Fleet Type	Inventory	Unassigned	Deployed	Deployed & Out of Service	Deployed & In Service
Provincial Fleet	62	62	0	0	0
Site Fleet	329	N/A	329	24	305
<b>TOTAL</b>	<b>391</b>	<b>62</b>	<b>329</b>	<b>24</b>	<b>305</b>

Notes: Level 1 includes intensive care ventilators with the most advanced monitoring. These are mainly located within ICU departments and are the first level of ventilators used in a pandemic. Level 2 includes sub-acute intensive care ventilators, advanced transport ventilators and more advanced non-invasive ventilators capable of invasive ventilation. These are used if no intensive care ventilators are available. They are located in non-ICU ventilated units for ventilating less-complex patients. There is an additional inventory of 56 level 3 ventilators in the provincial fleet - these are basic transport, basic non-invasive or home/portable ventilators and are less ideal, with limited monitoring for pandemic use.

Site fleet includes ventilators that are owned and reside in a facility, whereas provincial fleet includes ventilators that are owned by the province and may or may not reside in a particular facility. Deployed & Out of Service units are assigned to a hospital but not currently in operation.

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### 11: Home Health Monitoring (as of Nov 18/16:00)

*Table 11: Home health monitoring*

Date	Total Actively Monitored COVID Patients	Total Patients Discharged since March 26
<b>18-Nov</b>	<b>883</b>	<b>8,172</b>
17-Nov	912	8,097
16-Nov	935	8,030
13-Nov	760	7,954
12-Nov	677	7,945
Total COVID patients monitored to date: <b>9055</b>		

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### 12: PHO Orders

**November 16, 2020:** The PHO issued an order on November 16, 2020 on [Health Authority Regulated Professionals SARS-CoV-2 Swabbing](#)

**November 16, 2020:** The PHO issued an order on November 16, 2020 on [Midwives and Certified Practice Speech Language Pathologists SARS-CoV-2 Swabbing](#).

**November 16, 2020:** The PHO issued an order on November 16, 2020 on [British Columbia Emergency Health Services SARS-CoV-2 Swabbing](#).

**November 13, 2020:** The PHO issued an order on November 13, 2020 on [COVID-19 Prevention Regional Measures](#).

**November 10, 2020:** The PHO repealed and replaced the order of October 30, 2020 on [Gatherings and Events](#).

**October 9, 2020:** The PHO repealed and replaced the order of September 18, 2020 on [Food and Liquor Serving Premises](#).

**September 16, 2020:** The PHO issued an order on [Registered Nurse and Registered Psychiatric Nurse Public Health Pharmacotherapy](#).

**August 30, 2020:** The Federal Chief PHO issued updates to the [Federal Quarantine Order](#) on minimizing the risk of exposure to COVID-19 in Canada.

**July 2, 2020:** The PHO repealed and replaced the order of April 23, 2020 on [Industrial Camps](#).

**May 29, 2020:** The PHO issued an order on [Overnight Camps for Children and Youth](#).

**May 28, 2020:** The PHO repealed and replaced the PHO oral order of March 27, 2020 and the written order of April 15, 2020 on [Vending Markets](#).

**May 14, 2020:** The PHO cancelled the order of April 16, 2020 on [Personal Services](#).

**May 14, 2020:** The PHO issued an order on [Workplace COVID-19 Safety Plans](#).

**May 7, 2020:** The PHO issued an order on [Licensed Practical Nurse SARS-CoV-2 Swabbing](#).

**April 15, 2020:** The PHO amended the order of April 10, 2020 on [Health Care Labour Adjustment](#) with respect to [Facility Staff Assignment](#).

**April 14, 2020:** The PHO amended the order of April 10, 2020 on [Health Care Labour Adjustment](#) with respect to [Travellers and Employers](#).

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**April 10, 2020:** The PHO issued an order on [Health Care Labour Adjustment](#).

**March 26, 2020:** The PHO issued an order on [Information Collection from Long Term Care Facility Staff](#).

For other COVID-19 related notices and guidance please see the following:

[PHO COVID-19 Orders, Notices & Guidance](#)

[BCCDC COVID-19 Care Resources](#)



# Daily COVID-19 Report

COVID Response and Health Emergency Management Division

November 20, 2020



Ministry of  
Health

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**Rows and figures that are bolded indicate a change from the previous report.**

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## 1: Case Counts (as of Nov 20/10:00)

- 516 new cases have been reported since yesterday
  - 3 new epi-linked case have been reported since yesterday (VCHA)
  - 10 new deaths have been reported since yesterday (6 FHA, 1 NHA, 3 VCHA)

Table 1: Case counts

Collection of total case counts at the Ministry began on March 17, 2020.

Case Counts											
Health Authority	Total Cases (Lab & Epi)	New Cases (last 24 hrs)	Total Lab-Confirmed Cases	Total Epi-Linked Cases	Currently in Hospital	Currently in ICU/HAU	Mechanically Ventilated	Active Cases	Actively Monitored	Recovered Cases	Deaths
FHA	15,742	294	15,608	134	149	33	13	5,271	4,934	9,775	160
IHA	1,203	31	1,161	42	1	1	0	235	512	965	3
VIHA	446	17	440	6	3	1	1	128	470	312	6
NHA	588	25	550	38	10	8	1	95	235	487	6
VCHA	7,404	148	7,323	81	63	14	7	1,391	3,851	5,854	156
Out of Canada	91	1	90	1	1			2	0	84	0
<b>TOTAL</b>	<b>25,474</b>	<b>516</b>	<b>25,172</b>	<b>302</b>	<b>227</b>	<b>57</b>	<b>22</b>	<b>7,122</b>	<b>10,002</b>	<b>17,477</b>	<b>331</b>
Case Count Totals from Last Four Days											
19-Nov	24,958	536	24,656	302	217	59	24	6,926	9,977	17,206	321
18-Nov	24,422	762*	24,129	293	209	57	19	6,861	9,871	16,914	320
17-Nov	23,661	717	23,370	291	198	63	24	6,589	10,960	16,469	310
16-Nov	22,944	646	22,654	290	181	57	20	6,279	10,928	16,087	299

Mechanically Ventilated numbers are included in the ICU/HAU figures and ICU/HAU numbers are included in the Currently in Hospital figures.

\* One case reported was assigned to out of Canada is now assigned to NHA.

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### 2: Facility & Community Outbreaks (as of Nov 20/10:00)

- 5 new outbreaks have been reported since yesterday (2 FHA, 1 IHA, 1 VCHA, 1 VIHA)
- No outbreaks have been declared over yesterday
- 5 new deaths have been reported in outbreaks since yesterday (1 at Burnaby Hospital 2A – Acute Care in FHA, 1 at Langley Gardens – LTC in FHA, 2 at Tabor Home 2 – LTC in FHA, 1 at Three Links Care Centre – LTC in FHA)

*Table 2.1: Outbreaks newly declared since last report*

Outbreaks Newly Declared Since Last Report									
Outbreak Start Date	HA	Facility/Community Name	Facility Type	Totals		Residents/Students		Staff/Other	
				Total Cases	Total Deaths	Total Cases	Total Deaths	Total Cases	Total Deaths
11/19/2020	FHA	Burnaby Hospital 2B	Acute Care	1	0	0	0	1	0
11/19/2020	FHA	Agecare Harmony Court Care Centre	LTC	2	0	0	0	2	0
11/18/2020	IHA	Orchard Manor	LTC	1*	0	0	0	0	0
11/16/2020	VCHA	Youville Residence	LTC	2	0	0	0	2	0
11/19/2020	VIHA	Discovery Harbour Care	LTC	1	0	0	0	1	0
<b>TOTAL</b>				<b>7</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>0</b>

\* The case at Orchard Manor is of unknown origin.

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*Table 2.2: Outbreaks declared over in the last five business days*

Outbreaks Declared Over in the Last Five Business Days										
Outbreak Start Date	Outbreak End Date	HA	Facility/Community Name	Facility Type	Totals		Residents/Students		Staff/Other	
					Total Cases	Total Deaths	Total Cases	Total Deaths	Total Cases	Total Deaths
11/7/2020	11/17/2020	FHA	Normanna 2	LTC	1	0	0	0	1	0
11/3/2020	11/17/2020	IHA	La Casa Resort	Other	0	0	0	4	0	3
TOTAL					1	0	0	4	1	3

*Table 2.3: Active reported outbreaks in care facilities*

Active Reported Outbreaks in Care Facilities			
Outbreak Start Date	HA	Facility/Community Name	Facility Type
11/19/2020	FHA	Burnaby Hospital 2B	Acute Care
11/18/2020	FHA	Royal Columbian Hospital T5N	Acute Care
11/17/2020	FHA	Burnaby Hospital 3B	Acute Care
11/17/2020	FHA	Burnaby Hospital 4BA	Acute Care
11/17/2020	FHA	Burnaby Hospital 5A	Acute Care
11/17/2020	FHA	Surrey Memorial Hospital 5W (2)	Acute Care
11/16/2020	FHA	Burnaby Hospital 2C	Acute Care
11/15/2020	FHA	Burnaby Hospital BH-3C 2	Acute Care
11/9/2020	FHA	Burnaby Hospital 2A	Acute Care
11/5/2020	FHA	Fellburn Care Center – PATH unit	Acute Care
11/5/2020	FHA	Langley Memorial Hospital – 4SC	Acute Care
11/5/2020	FHA	Ridge Meadows Hospital – AM Rehab 2	Acute Care
11/11/2020	VIHA	NRGH/Transitions Unit	Acute Care

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<b>11/19/2020</b>	<b>FHA</b>	<b>Agecare Harmony Court Care Centre</b>	<b>LTC</b>
11/18/2020	FHA	Cottage-Worthington Pavilion	LTC
11/18/2020	FHA	Langley Memorial Hospital – LTC 2	LTC
11/18/2020	FHA	The Residence at Clayton Heights 2	LTC
11/17/2020	FHA	Menno Home	LTC
11/13/2020	FHA	Jackman Manor	LTC
11/13/2020	FHA	George Derby Centre 2	LTC
11/13/2020	FHA	Kiwanis Care Centre	LTC
11/12/2020	FHA	Dr. Al Hogg Pavilion 2	LTC
11/11/2020	FHA	Dania Home 2	LTC
11/11/2020	FHA	Finnish Manor	LTC
11/10/2020	FHA	Peace Portal Seniors Village 2	LTC
11/10/2020	FHA	The Harrison at Elim Village 2	LTC
11/9/2020	FHA	Langley Gardens LTC	LTC
11/9/2020	FHA	Holyrood Manor	LTC
11/6/2020	FHA	The Residence, Mission	LTC
11/5/2020	FHA	Fort Langley Seniors Community 2	LTC
11/5/2020	FHA	Northcrest Care Centre	LTC
11/5/2020	FHA	Suncreek Village	LTC
11/4/2020	FHA	Tabor Home 2	LTC
11/3/2020	FHA	Hawthorne Seniors Care Community	LTC
11/3/2020	FHA	White Rock Seniors Village 2	LTC
11/2/2020	FHA	Belvedere Care Centre	LTC
11/1/2020	FHA	Good Samaritan Delta View Care Centre 2	LTC
10/26/2020	FHA	Fellburn Care Center	LTC
10/24/2020	FHA	Agassiz Seniors Community	LTC
10/22/2020	FHA	Laurel Place	LTC
10/19/2020	FHA	Evergreen Baptist Care Society	LTC
<b>11/18/2020</b>	<b>IHA</b>	<b>Orchard Manor</b>	<b>LTC</b>
11/14/2020	IHA	Village by the Station	LTC
11/14/2020	IHA	Hamlets at Westsyde	LTC

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11/13/2020	IHA	Sun Pointe Village	LTC
11/2/2020	NHA	Rotary Manor	LTC
11/18/2020	VCHA	Windermere Care Centre 2	LTC
<b>11/16/2020</b>	<b>VCHA</b>	<b>Youville Residence</b>	<b>LTC</b>
11/12/2020	VCHA	Columbus Residence	LTC
11/12/2020	VCHA	Arbutus Care Centre 2	LTC
11/10/2020	VCHA	Holy Family Hospital 4	LTC
11/9/2020	VCHA	Capilano Care Centre	LTC
11/8/2020	VCHA	Fraserview Intermediate Care Lodge	LTC
10/26/2020	VCHA	Louis Brier Home and Hospital	LTC
10/23/2020	VCHA	Banfield Pavilion - 4th Floor West	LTC
10/21/2020	VCHA	Three Links Care Centre	LTC
10/18/2020	VCHA	Royal Arch Masonic Home 3	LTC
<b>11/19/2020</b>	<b>VIHA</b>	<b>Discovery Harbour Care</b>	<b>LTC</b>
11/17/2020	VIHA	Rainbow Gardens	LTC
11/14/2020	FHA	PICS Assisted Living 3	Assisted Living
11/8/2020	FHA	Harrison Pointe	Assisted Living
10/29/2020	FHA	Hawthorne Seniors Care Community	Assisted Living
11/17/2020	FHA	Agecare Harmony Court Estates	Independent Living
10/24/2020	FHA	Amenida Seniors Community	Independent Living
10/27/2020	IHA	Okanagan Men's Centre	Group Home (Community Living)

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*Table 2.4: Active reported outbreaks in other settings*

Active Reported Outbreaks in Other Settings			
Outbreak Start Date	HA	Facility/Community Name	Facility Type
11/2/2020	Provincial	Seymour Pacific Developments Worksite (MB)	Workplace/Communal Living
10/30/2020	Provincial	CNRL Albion Oil Sands (AB)	Workplace/Communal Living
10/22/2020	Provincial	Suncor Firebag Oil Sands	Workplace/Communal Living
10/10/2020	Provincial	CNRL Horizon Oil Sands (AB)	Workplace/Communal Living
10/2/2020	FHA	MSJ Distribution at Valhalla Distribution	Workplace
11/5/2020	IHA	RIH Construction Site	Workplace
11/19/2020	Provincial	LNG Kitimat	Workplace
11/13/2020	FHA	Platinum Athletic Club	Other
11/2/2020	FHA	Capella Dance Academy	Other
10/23/2020	Provincial	Big Horn Hotel, Watson Lake (YT)	Other

*Table 2.5: Active reported outbreaks in schools*

Active Reported Outbreaks in Schools			
Outbreak Start Date	HA	Facility/Community Name	Facility Type
11/14/2020	FHA	Cambridge Elementary School	School or Daycare

Figures from the summary tables below are inclusive of newly declared active, newly declared over and all currently active outbreaks.



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*Table 2.6a: Summary of outbreaks in care facilities*

Summary of Outbreaks in Care Facilities			
Outbreak Characteristic	Outbreak Status		Total
	Declared Over	Currently Active	
<b>Number of Outbreaks by Setting</b>			
<i>Acute care facility</i>	19	13	<b>32</b>
<i>Assisted living</i>	10	3	<b>13</b>
<i>Group home (community living)</i>	1	1	<b>2</b>
<i>Independent living</i>	6	3	<b>9</b>
<i>Long term care facility</i>	79	45	<b>124</b>
<i>Other residential facility type</i>	1	0	<b>1</b>
<b>Total</b>	<b>116</b>	<b>65</b>	<b>181</b>
<b>Number of Outbreaks by Health Authority</b>			
<i>Fraser</i>	77	45	<b>122</b>
<i>Interior</i>	3	5	<b>8</b>
<i>Northern</i>	0	1	<b>1</b>
<i>Vancouver Coastal</i>	36	11	<b>47</b>
<i>Vancouver Island</i>	0	3	<b>3</b>
<b>Total</b>	<b>116</b>	<b>65</b>	<b>181</b>

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*Table 2.6b: Summary of cases/deaths in care facilities*

Summary of Cases/Deaths in Care Facilities			
Outbreak Characteristic	Outbreak Status		Total
	Declared Over	Currently Active	
Number of Cases			
Total Cases	969	811	1,780
Residents	546	485	1,031
Staff/other	417	316	733
Unknown	6	10	16
New Cases			63
Residents			31
Staff/other			25
Unknown			7
Number of Deaths			
Total Deaths	180	41	221
Residents	180	41	221
Staff/other	0	0	0
Unknown	0	0	0
New Deaths			5
Residents			5
Staff/other			0
Unknown			0

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*Table 2.7a: Summary of outbreaks in other facilities*

Summary of Outbreaks in Other Facilities			
Outbreak Characteristic	Outbreak Status		Total
	Declared Over	Currently Active	
<b>Number of Outbreaks by Setting</b>			
<i>Conference</i>	1	0	1
<i>Correctional facility</i>	3	0	3
<i>Religious institution</i>	1	0	1
<i>School or daycare</i>	1	1	2
<i>Shelter</i>	1	0	1
<i>Workplace not otherwise specified</i>	15	3	18
<i>Workplace with communal living</i>	3	4	7
<i>Other</i>	1	3	4
<b>Total</b>	<b>26</b>	<b>11</b>	<b>37</b>
<b>Number of Outbreaks by Health Authority</b>			
<i>Fraser</i>	13	4	17
<i>Interior</i>	9	1	10
<i>Vancouver Coastal</i>	1	0	1
<i>Provincial</i>	3	6	9
<b>Total</b>	<b>26</b>	<b>11</b>	<b>37</b>

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*Table 2.7b: Summary of outbreaks in other facilities*

Summary of Cases/Deaths in Other Facilities			
Outbreak Characteristic	Outbreak Status		Total
	Declared Over	Currently Active	
<b>Number of Cases</b>			
<b>Total Cases</b>	<b>656</b>	<b>179</b>	<b>835</b>
<i>Residents</i>	122	0	<b>122</b>
<i>Students</i>	10	50	<b>60</b>
<i>Staff/other</i>	520	126	<b>646</b>
<i>Unknown</i>	4	3	<b>7</b>
<b>New Cases</b>			<b>3</b>
<i>Residents</i>			<b>0</b>
<i>Students</i>			<b>2</b>
<i>Staff/other</i>			<b>1</b>
<i>Unknown</i>			<b>0</b>
<b>Number of Deaths</b>			
<b>Total Deaths</b>	<b>2</b>	<b>0</b>	<b>2</b>
<i>Residents</i>	1	0	<b>1</b>
<i>Students</i>	0	0	<b>0</b>
<i>Staff/other</i>	1	0	<b>1</b>
<i>Unknown</i>	0	0	<b>0</b>
<b>New Deaths</b>			<b>0</b>
<i>Residents</i>			<b>0</b>
<i>Students</i>			<b>0</b>
<i>Staff/other</i>			<b>0</b>
<i>Unknown</i>			<b>0</b>

\* Negative values represent change in case status from unknown to confirmed.

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### 3: COVID-19 App & Self-Assessment Tool (as of Nov 19/23:59)

*Table 3: COVID-19 app & self-assessment tool*

Date	Total App Users	Total SAT Visits	Distinct SAT Users	Peak SAT Activity (users/min)	Average SAT Activity (users/hr)
19-Nov	447,104	4,619,774	17,953	55.5	748.0
18-Nov	444,923	4,593,577	17,972	56.8	748.8
17-Nov	442,876	4,567,503	18,198	65.1	758.3
16-Nov	440,728	4,541,334	19,430	67.6	809.6
15-Nov	438,258	4,513,127	9,679	25.6	403.3

### 4: 8-1-1 Calls (as of Nov 19/23:59)

*Table 4: 8-1-1 calls*

Date	Calls Received	Calls Answered	Abandon Rate	Average Wait (min)	Max Wait of Answered (min)	Average Handle Time (min)	COVID-related Calls Received
19-Nov	4,052	3,889	4.0%	1.1	12.7	3.5	2,399
18-Nov	4,139	3,956	4.4%	1.2	13.3	3.4	2,484
17-Nov	4,290	4,135	3.6%	1.0	11.4	3.4	2,595
16-Nov	4,638	3,790	18.3%	5.1	31.5	3.4	2,830
15-Nov	3,266	2,775	15.0%	4.6	33.6	3.5	1,807
Average pre-COVID call volumes: 1,250/day							

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## 5: Collection Sites (as of Nov 19/23:59)

Table 5: Collection sites

Health Authority	Tests Collected***	Proportion of Tests Collected within 24 hrs (%)	Collection Capacity***	Drop-In Visits^	Median Drop-In Wait (mins)	90th Percentile Drop-In Wait (mins)	Proportion of Appointments Booked within 20 mins (%)^^
FHA	4,299	100.0	4,830	1,854	5 - 60 min		
IHA	785		1,078	9			
NHA	338						
PHSA*	100	97.0	200	100	1.0	3.2	
VCHA**	1,694		2,660				
VIHA**	1,325	49.3	1,100				
<b>TOTAL</b>	<b>8,541</b>		<b>9,868</b>	<b>1,963</b>			

\* PHSA Median and 90th percentile drop-in wait times are based on the time between registration and test collection.

\*\* Whistler (VCHA) and VIHA collection volumes and capacity are reported with a 2-day delay.

^ NHA and VIHA do not offer drop-in testing. IHA may have occasional drop-in if sites need to accommodate those who cannot get booked using the online system for testing within 24 hours.

^^ FHA and IHA use an online system. Previously, IHA was using a call center model but switched to an online booking system.

\*\*\* Tests collected exceeds collection capacity today in VIHA as 239 tests were conducted at CFB Esquimalt for planned testing of personnel pre-deployment of a ship.

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## 6: Lab Testing (as of Nov 19/23:59)

Table 6: Lab testing

Health Authority	Total Lab Tests Completed^	New Tests Completed^	New Non-Positive Tests^^	New Positive Tests*	7 Day Avg. Test Positivity Rate (%)	Lab Samples Pending**	Today's Projected Testing Capacity**	Median Turnaround Time (hrs)	90th Percentile Turnaround Time (hrs)
FHA	418,010	5,159	4,865	294	9.6	1,337	2,365	29.4	51.0
IHA	107,797	910	879	31	3.5	383	1,128	30.0	51.2
NHA	31,364	275	250	25	5.4	46	148	48.0	72.0
VCHA	337,615	2,923	2,778	145	5.1	1,284	5,500	25.1	48.0
VIHA	118,623	1,682	1,665	17	1.4	617	1,288	13.0	18.5
OTHER	17,222	138	137	1	0.0	6,263	9,604	34.7	48.0
<b>TOTAL</b>	<b>1,030,631</b>	<b>11,087</b>	<b>10,574</b>	<b>513</b>	<b>6.7</b>	<b>9,930</b>	<b>20,033</b>	<b>24.0</b>	<b>48.0</b>
<b>Lab Testing Totals from Last Four Business Days</b>									
18-Nov	1,019,551	13,792	13,265	527	6.8	7,723	20,033	25.9	48.0
17-Nov	1,005,759	11,145	10,386	759	6.6	5,610	20,033	24.0	39.8
16-Nov	994,615	6,819	6,103	716	6.6	6,610	20,033	24.8	48.0
15-Nov	987,796	9,396	8,753	643	6.6	5,433	19,233	29.4	48.0

^ Total Lab Tests Completed and New Tests Completed figures are aligned with the BCCDC COVID-19 Dashboard.

^^ Non-positive tests include tests that have returned negative, indeterminate and invalid results.

\* New positive tests data contain unique individual positive tests only and is equivalent to new lab-confirmed case count figures. On weekends and holidays, epi-linked cases are all assigned to the most recent day.

\*\* Pending and projected lab test totals also include data from C&W, BCCDC and LifeLabs. PHC figures are included in the VCHA totals.

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## 7: BC Emergency Health Services Call Volumes (as of Nov 19/23:59)

Table 7.1: "Influenza-like illness" call volumes

<b>"Influenza-like Illness" Call Volumes</b>						
<b>Date</b>	<b>IHA</b>	<b>FHA</b>	<b>VCHA</b>	<b>VIHA</b>	<b>NHA</b>	<b>TOTAL</b>
<b>19-Nov</b>	<b>31</b>	<b>95</b>	<b>43</b>	<b>28</b>	<b>12</b>	<b>209</b>
18-Nov	39	69	47	31	9	195
17-Nov	29	83	47	44	11	214
16-Nov	41	107	67	44	14	273
15-Nov	33	72	36	36	14	191
Average pre-COVID ILI events: ~6 events/week across BC						

Table 7.2: Total provincial call volumes

<b>Total Provincial Call Volumes</b>						
<b>Date</b>	<b>IHA</b>	<b>FHA</b>	<b>VCHA</b>	<b>VIHA</b>	<b>NHA</b>	<b>TOTAL</b>
<b>19-Nov</b>	<b>271</b>	<b>552</b>	<b>401</b>	<b>269</b>	<b>109</b>	<b>1,602</b>
18-Nov	281	528	364	291	94	1,558
17-Nov	271	523	372	323	96	1,585
16-Nov	281	507	386	292	91	1,557
15-Nov	263	446	310	257	91	1,367
Average pre-COVID BCEHS call volumes: 1,540/day						



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**8: Emergency Department Visits (as of Nov 18/23:59)**

*Table 8: Emergency department visits*

Health Authority	March 9	Today	Percentage Change
FHA	2,092	1,591	-23.9%
IHA	1,388	1,082	-22.0%
NHA	733	510	-30.4%
PHSA	155	91	-41.3%
VCHA	1,227	857	-30.2%
VIHA	964	903	-6.3%
<b>TOTAL</b>	<b>6,559</b>	<b>5,034</b>	<b>-23.3%</b>

ED Visit Totals from Last Four Business Days							
Date	FHA	IHA	NHA	PHSA	VCHA	VIHA	TOTAL
17-Nov	1,586	1,075	558	86	830	970	5,105
16-Nov	1,600	1,102	532	103	881	970	5,188
15-Nov	1,623	1,117	556	91	880	1,111	5,378
14-Nov	1,515	970	473	56	813	877	4,704

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## 9: Hospital Bed Occupancy Rates (as of Nov 19/23:59)

Table 9.1: Total hospital occupancy rates

Total Hospital Occupancy Rates									
Health Authority	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	2,665	296	88.9%	921	911	1.1%	3,586	1,207	66.3%
IHA	1,436	102	92.9%	406	379	6.7%	1,842	472	74.4%
NHA	603	87	85.6%	243	236	2.9%	846	323	61.8%
PHSA	582	148	74.6%	59	59	0.0%	641	207	67.7%
VCHA	2,100	81	96.1%	1,136	1,035	8.9%	3,236	1,114	65.6%
VIHA	1,931	215	88.9%	168	168	0.0%	2,099	383	81.8%
<b>TOTAL</b>	<b>9,317</b>	<b>929</b>	<b>90.0%</b>	<b>2,933</b>	<b>2,788</b>	<b>4.9%</b>	<b>12,250</b>	<b>3,706</b>	<b>69.7%</b>
Hospital Occupancy Totals from Last Four Business Days									
18-Nov	9,317	889	90.5%	2,933	2,787	5.0%	12,250	3,671	70.0%
17-Nov	9,317	879	90.6%	2,933	2,797	4.6%	12,250	3,673	70.0%
16-Nov	9,317	968	89.6%	2,933	2,793	4.8%	12,250	3,760	69.3%
15-Nov	9,343	1,046	88.8%	2,935	2,851	2.9%	12,278	3,895	68.3%

- Total occupancy figures comprise all beds that are not NICU bassinets, including critical care beds.
- The pre-COVID-19 provincial hospital bed occupancy rate was 103.5% as of December 12, 2019.
- Base beds are defined as beds staffed to provide services to inpatient/residents at the required type and level of service. Surge beds are beds that are not considered staffed.

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*Table 9.2 & 9.3: COVID site hospital occupancy rates and non-COVID site hospital occupancy rates*

COVID Site Hospital Occupancy Rates									
Health Authority	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	1,339	79	94.1%	431	431	0.0%	1,770	510	71.2%
IHA	1,195	50	95.8%	275	255	7.3%	1,470	296	79.9%
NHA	359	40	88.9%	133	133	0.0%	492	173	64.8%
PHSA	159	52	67.3%	50	50	0.0%	209	102	51.2%
VCHA	1,654	14	99.2%	843	742	12.0%	2,497	756	69.7%
VIHA	1,277	98	92.3%	59	59	0.0%	1,336	157	88.2%
<b>TOTAL</b>	<b>5,983</b>	<b>333</b>	<b>94.4%</b>	<b>1,791</b>	<b>1,670</b>	<b>6.8%</b>	<b>7,774</b>	<b>1,994</b>	<b>74.4%</b>

Non-COVID Site Hospital Occupancy Rates									
Health Authority	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	1,326	217	83.6%	490	480	2.0%	1,816	697	61.6%
IHA	241	52	78.4%	131	124	5.3%	372	176	52.7%
NHA	244	47	80.7%	110	103	6.4%	354	150	57.6%
PHSA	423	96	77.3%	9	9	0.0%	432	105	75.7%
VCHA	446	67	85.0%	293	293	0.0%	739	358	51.6%
VIHA	654	117	82.1%	109	109	0.0%	763	226	70.4%
<b>TOTAL</b>	<b>3,334</b>	<b>596</b>	<b>82.1%</b>	<b>1,142</b>	<b>1,118</b>	<b>2.1%</b>	<b>4,476</b>	<b>1,712</b>	<b>61.8%</b>

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*Table 9.4: COVID-designated hospital occupancy rates*

COVID-Designated Hospital Occupancy Rates										
Health Authority	Hospital Name	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	Abbotsford Regional	275	17	93.8%	92	92	0.0%	367	109	70.3%
FHA	Royal Columbian	435	30	93.1%	96	96	0.0%	531	126	76.3%
FHA	Surrey Memorial	629	32	94.9%	243	243	0.0%	872	275	68.5%
IHA	East Kootenay Regional	77	3	96.1%	22	22	0.0%	99	25	74.7%
IHA	Kelowna General	443	7	98.4%	68	68	0.0%	511	75	85.3%
IHA	Kootenay Boundary Regional	75	10	86.7%	36	36	0.0%	111	46	58.6%
IHA	Penticton Regional	155	20	87.1%	61	61	0.0%	216	81	62.5%
IHA	Royal Inland	259	0	100.0%	20	0	100.0%	279	-9	103.2%
IHA	Vernon Jubilee	186	10	94.6%	68	68	0.0%	254	78	69.3%
NHA	Fort St John & Peace Villa	46	15	67.4%	25	25	0.0%	71	40	43.7%
NHA	Mills Memorial	53	10	81.1%	15	15	0.0%	68	25	63.2%
NHA	UHNBC	260	15	94.2%	93	93	0.0%	353	108	69.4%
PHSA	B.C. Children's	159	52	67.3%	50	50	0.0%	209	102	51.2%
VCHA	Lions Gate	242	2	99.2%	95	84	11.6%	337	86	74.5%
VCHA	Richmond	204	1	99.5%	133	99	25.6%	337	100	70.3%
VCHA	St. Paul's	428	11	97.4%	266	266	0.0%	694	277	60.1%
VCHA	Vancouver General	780	0	100.0%	349	293	16.0%	1,129	293	74.0%
VIHA	Nanaimo Regional General	361	33	90.9%	0	0		361	33	90.9%
VIHA	Royal Jubilee	542	48	91.1%	36	36	0.0%	578	84	85.5%
VIHA	Victoria General	374	17	95.5%	23	23	0.0%	397	40	89.9%

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*Table 9.5: Critical care hospital occupancy rates*

Critical Care Hospital Occupancy Rates									
Health Authority	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	136	16	88.2%	115	115	0.0%	251	131	47.8%
IHA	87	13	85.1%	20	20	0.0%	107	33	69.2%
NHA	41	14	65.9%	23	23	0.0%	64	37	42.2%
PHSA	12	5	58.3%	16	16	0.0%	28	21	25.0%
VCHA	144	15	89.6%	84	82	2.4%	228	97	57.5%
VIHA	97	34	64.9%	0	0		97	34	64.9%
<b>TOTAL</b>	<b>517</b>	<b>97</b>	<b>81.2%</b>	<b>258</b>	<b>256</b>	<b>0.8%</b>	<b>775</b>	<b>353</b>	<b>54.5%</b>
Critical Care Hospital Occupancy Totals from Last Four Business Days									
18-Nov	517	105	79.7%	258	255	1.2%	775	360	53.5%
17-Nov	517	110	78.7%	258	252	2.3%	775	362	53.3%
16-Nov	517	106	79.5%	258	243	5.8%	775	349	55.0%
15-Nov	517	138	73.3%	258	256	0.8%	775	394	49.2%

- Critical care beds include those classified as being in Intensive Care Units (ICU), High Acuity Units (HAU), Cardiac Care Units (CCU), Cardiac Surgery Intensive Care Units (CSICU) and Pediatric Intensive Care Units (PICU).

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*Table 9.6: COVID-designated hospital critical care occupancy rates*

COVID-Designated Hospital Critical Care Occupancy Rates										
Health Authority	Hospital Name	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	Abbotsford Regional	16	3	81.3%	16	16	0.0%	32	19	40.6%
FHA	Royal Columbian	39	5	87.2%	32	32	0.0%	71	37	47.9%
FHA	Surrey Memorial	46	1	97.8%	60	60	0.0%	106	61	42.5%
IHA	East Kootenay Regional	6	1	83.3%	0	0		6	1	83.3%
IHA	Kelowna General	31	3	90.3%	9	9	0.0%	40	12	70.0%
IHA	Kootenay Boundary Regional	6	4	33.3%	1	1	0.0%	7	5	28.6%
IHA	Penticton Regional	7	1	85.7%	2	2	0.0%	9	3	66.7%
IHA	Royal Inland	21	0	100.0%	0	0		21	0	100.0%
IHA	Vernon Jubilee	10	3	70.0%	1	1	0.0%	11	4	63.6%
NHA	Fort St John & Peace Villa	4	2	50.0%	0	0		4	2	50.0%
NHA	Mills Memorial	5	2	60.0%	4	4	0.0%	9	6	33.3%
NHA	UHNBC	23	7	69.6%	16	16	0.0%	39	23	41.0%
PHSA	B.C. Children's	12	5	58.3%	16	16	0.0%	28	21	25.0%
VCHA	Lions Gate	9	2	77.8%	22	22	0.0%	31	24	22.6%
VCHA	Richmond	8	1	87.5%	29	29	0.0%	37	30	18.9%
VCHA	St. Paul's	35	4	88.6%	6	6	0.0%	41	10	75.6%
VCHA	Vancouver General	68	0	100.0%	12	10	16.7%	80	10	87.5%
VIHA	Nanaimo Regional General	18	8	55.6%	0	0		18	8	55.6%
VIHA	Royal Jubilee	38	10	73.7%	0	0		38	10	73.7%
VIHA	Victoria General	17	8	52.9%	0	0		17	8	52.9%

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## 10: Ventilator Inventory (as of Nov 20/10:00)

Table 10.1: Level 1 ventilator inventory

Level 1 Ventilator Inventory					
Fleet Type	Inventory	Unassigned	Deployed	Deployed & Out of Service	Deployed & In Service
Provincial Fleet	111	101	10	3	7
Site Fleet	601	N/A	601	43	558
<b>TOTAL</b>	<b>712</b>	<b>101</b>	<b>611</b>	<b>46</b>	<b>565</b>

Table 10.2: Level 2 ventilator inventory

Level 2 Ventilator Inventory					
Fleet Type	Inventory	Unassigned	Deployed	Deployed & Out of Service	Deployed & In Service
Provincial Fleet	62	62	0	0	0
Site Fleet	328	N/A	328	23	305
<b>TOTAL</b>	<b>390</b>	<b>62</b>	<b>328</b>	<b>23</b>	<b>305</b>

Notes: Level 1 includes intensive care ventilators with the most advanced monitoring. These are mainly located within ICU departments and are the first level of ventilators used in a pandemic. Level 2 includes sub-acute intensive care ventilators, advanced transport ventilators and more advanced non-invasive ventilators capable of invasive ventilation. These are used if no intensive care ventilators are available. They are located in non-ICU ventilated units for ventilating less-complex patients. There is an additional inventory of 56 level 3 ventilators in the provincial fleet - these are basic transport, basic non-invasive or home/portable ventilators and are less ideal, with limited monitoring for pandemic use.

Site fleet includes ventilators that are owned and reside in a facility, whereas provincial fleet includes ventilators that are owned by the province and may or may not reside in a particular facility. Deployed & Out of Service units are assigned to a hospital but not currently in operation.

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**11: Home Health Monitoring (as of Nov 19/16:00)**

*Table 11: Home health monitoring*

Date	Total Actively Monitored COVID Patients	Total Patients Discharged since March 26
19-Nov	907	8,210
18-Nov	883	8,172
17-Nov	912	8,097
16-Nov	935	8,030
13-Nov	760	7,954
Total COVID patients monitored to date: <b>9117</b>		



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## 12: PHO Orders

**November 16, 2020:** The PHO issued an order on November 16, 2020 on [Health Authority Regulated Professionals SARS-CoV-2 Swabbing](#)

**November 16, 2020:** The PHO issued an order on November 16, 2020 on [Midwives and Certified Practice Speech Language Pathologists SARS-CoV-2 Swabbing](#).

**November 16, 2020:** The PHO issued an order on November 16, 2020 on [British Columbia Emergency Health Services SARS-CoV-2 Swabbing](#).

**November 13, 2020:** The PHO issued an order on November 13, 2020 on [COVID-19 Prevention Regional Measures](#).

**November 10, 2020:** The PHO repealed and replaced the order of October 30, 2020 on [Gatherings and Events](#).

**October 9, 2020:** The PHO repealed and replaced the order of September 18, 2020 on [Food and Liquor Serving Premises](#).

**September 16, 2020:** The PHO issued an order on [Registered Nurse and Registered Psychiatric Nurse Public Health Pharmacotherapy](#).

**August 30, 2020:** The Federal Chief PHO issued updates to the [Federal Quarantine Order](#) on minimizing the risk of exposure to COVID-19 in Canada.

**July 2, 2020:** The PHO repealed and replaced the order of April 23, 2020 on [Industrial Camps](#).

**May 29, 2020:** The PHO issued an order on [Overnight Camps for Children and Youth](#).

**May 28, 2020:** The PHO repealed and replaced the PHO oral order of March 27, 2020 and the written order of April 15, 2020 on [Vending Markets](#).

**May 14, 2020:** The PHO cancelled the order of April 16, 2020 on [Personal Services](#).

**May 14, 2020:** The PHO issued an order on [Workplace COVID-19 Safety Plans](#).

**May 7, 2020:** The PHO issued an order on [Licensed Practical Nurse SARS-CoV-2 Swabbing](#).

**April 15, 2020:** The PHO amended the order of April 10, 2020 on [Health Care Labour Adjustment](#) with respect to [Facility Staff Assignment](#).

**April 14, 2020:** The PHO amended the order of April 10, 2020 on [Health Care Labour Adjustment](#) with respect to [Travellers and Employers](#).

**April 10, 2020:** The PHO issued an order on [Health Care Labour Adjustment](#).

**March 26, 2020:** The PHO issued an order on [Information Collection from Long Term Care Facility Staff](#).

For other COVID-19 related notices and guidance please see the following:

[PHO COVID-19 Orders, Notices & Guidance](#)

[BCCDC COVID-19 Care Resources](#)

# Daily COVID-19 Report

COVID Response and Health Emergency Management Division

November 23, 2020



Ministry of  
Health

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Rows and figures that are bolded indicate a change from the previous report

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## 1: Case Counts (as of Nov 23/10:00)

- 1,933 new cases have been reported since November 20
  - 11 new epi-linked cases have been reported since November 20, 2020 (2 IHA and 9 VCH)
  - 17 new deaths have been reported since November 20, 2020 (13 in FHA and 4 in VCHA)

**Table 1: Case counts**

*Collection of total case counts at the Ministry began on March 17, 2020.*

Case Counts											
Health Authority	Total Cases (Lab & Epi)	New Cases (last 24 hrs)	Total Lab-Confirmed Cases	Total Epi-Linked Cases	Currently in Hospital	Currently in ICU/HAU	Mechanically Ventilated	Active Cases	Actively Monitored	Recovered Cases	Deaths
FHA	17,046	347	16,912	134	164	34	14	5,402	4,756	10,849	173
IHA	1,307	34	1,263	44	3	0	0	273	553	1,031	3
VIHA	494	14	488	6	2	0	0	152	609	336	6
NHA	649	34	611	38	18	9	1	153	290	490	6
VCHA	7,818	163	7,728	90	89	15	10	1,376	3,992	6,279	160
Out of Canada	93	2	92	1	1			4	0	84	0
<b>TOTAL</b>	<b>27,407</b>	<b>594</b>	<b>27,094</b>	<b>313</b>	<b>277</b>	<b>58</b>	<b>25</b>	<b>7,360</b>	<b>10,200</b>	<b>19,069</b>	<b>348</b>
Case Count Totals from Last Four Days											
22-Nov	26,813	626				57	24				343
21-Nov	26,187	713				52	22				335
20-Nov	25,474	516	25,172	302	227	57	22	7,122	10,002	17,477	331
19-Nov	24,958	536	24,656	302	217	59	24	6,926	9,977	17,206	321

Mechanically Ventilated numbers are included in the ICU/HAU figures and ICU/HAU numbers are included in the Currently in Hospital figures.

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## 2: Facility & Community Outbreaks (as of Nov 23/10:00)

- 6 new outbreaks have been reported since last report (2 VCH, 3 FHA & 1 NHA).
- 3 outbreaks have been declared over since last report.
- 14 new deaths have been reported in outbreaks since last report.

Table 2.1: Outbreaks newly declared since last report

Outbreaks Newly Declared Since Last Report									
Outbreak Start Date	HA	Facility/Community Name	Facility Type	Totals		Residents/Students		Staff/Other	
				Total Cases	Total Deaths	Total Cases	Total Deaths	Total Cases	Total Deaths
11/20/2020	VCH	Lions Gate Hospital 4W	Acute care facility	1	0	0	0	1	0
11/22/2020	FHA	Queen's Park Care Centre	Long term care facility	2	0	1	0	1	0
11/20/2020	FHA	Carelife Fleetwood 2	Long term care facility	2	0	1	0	1	0
11/18/2020	VCH	Renfrew Care Centre	Long term care facility	9	0	2	0	7	0
11/22/2020	NHA	North Peace Seniors Housing	Independent Living	6	1	5	1	1	0
11/20/2020	FHA	Sunset Manor 2	Assisted living	2	0	0	0	2	0
<b>TOTAL</b>				<b>22</b>	<b>1</b>	<b>9</b>	<b>1</b>	<b>13</b>	<b>0</b>

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*Table 2.2: Outbreaks declared over in the last five business days*

Outbreaks Declared Over in the Last Five Business Days										
Outbreak Start Date	Outbreak End Date	HA	Facility/Community Name	Facility Type	Totals		Residents/Students		Staff/Other	
					Total Cases	Total Deaths	Total Cases	Total Deaths	Total Cases	Total Deaths
11/11/2020	11/21/2020	VIHA	NRGH/Transitions Unit	Acute care facility	5	0	0	0	5	0
10/19/2020	11/20/2020	FHA	Evergreen Baptist Care Society	Long term care facility	4	0	1	0	3	0
10/27/2020	11/20/2020	IHA	Okanagan Men's Centre	Group home (community living)	11	0	7	0	3	0
11/7/2020	11/17/2020	FHA	Normanna 2	LTC	1	0	0	0	1	0
11/3/2020	11/17/2020	IHA	La Casa Resort	Other	7	0	4	0	3	0
<b>TOTAL</b>					<b>28</b>	<b>0</b>	<b>12</b>	<b>0</b>	<b>15</b>	<b>0</b>

*Table 2.3: Active reported outbreaks in care facilities*

Active Reported Outbreaks in Care Facilities			
Outbreak Start Date	HA	Facility/Community Name	Facility Type
11/20/2020	VCH	Lions Gate Hospital 4W	Acute Care
11/19/2020	FHA	Burnaby Hospital 2B	Acute Care
11/18/2020	FHA	Royal Columbian Hospital T5N	Acute Care
11/17/2020	FHA	Burnaby Hospital 3B	Acute Care
11/17/2020	FHA	Burnaby Hospital 4BA	Acute Care
11/17/2020	FHA	Burnaby Hospital 5A	Acute Care
11/17/2020	FHA	Surrey Memorial Hospital 5W (2)	Acute Care
11/16/2020	FHA	Burnaby Hospital 2C	Acute Care

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Active Reported Outbreaks in Care Facilities			
Outbreak Start Date	HA	Facility/Community Name	Facility Type
11/15/2020	FHA	Burnaby Hospital BH-3C 2	Acute Care
11/9/2020	FHA	Burnaby Hospital 2A	Acute Care
11/5/2020	FHA	Fellburn Care Center – PATH unit	Acute Care
11/5/2020	FHA	Langley Memorial Hospital – 4SC	Acute Care
11/5/2020	FHA	Ridge Meadows Hospital – AM Rehab 2	Acute Care
<b>11/22/2020</b>	<b>FHA</b>	<b>Queen's Park Care Centre</b>	<b>LTC</b>
<b>11/20/2020</b>	<b>FHA</b>	<b>Carelife Fleetwood 2</b>	<b>LTC</b>
11/19/2020	FHA	Agecare Harmony Court Care Centre	LTC
11/18/2020	FHA	Cottage-Worthington Pavilion	LTC
11/18/2020	FHA	Langley Memorial Hospital – LTC 2	LTC
11/18/2020	FHA	The Residence at Clayton Heights 2	LTC
11/17/2020	FHA	Menno Home	LTC
11/13/2020	FHA	Jackman Manor	LTC
11/13/2020	FHA	George Derby Centre 2	LTC
11/13/2020	FHA	Kiwanis Care Centre	LTC
11/12/2020	FHA	Dr. Al Hogg Pavilion 2	LTC
11/11/2020	FHA	Dania Home 2	LTC
11/11/2020	FHA	Finnish Manor	LTC
11/10/2020	FHA	Peace Portal Seniors Village 2	LTC
11/10/2020	FHA	The Harrison at Elim Village 2	LTC
11/9/2020	FHA	Langley Gardens LTC	LTC
11/9/2020	FHA	Holyrood Manor	LTC
11/6/2020	FHA	The Residence, Mission	LTC
11/5/2020	FHA	Fort Langley Seniors Community 2	LTC
11/5/2020	FHA	Northcrest Care Centre	LTC

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Active Reported Outbreaks in Care Facilities			
Outbreak Start Date	HA	Facility/Community Name	Facility Type
11/5/2020	FHA	Suncreek Village	LTC
11/4/2020	FHA	Tabor Home 2	LTC
11/3/2020	FHA	Hawthorne Seniors Care Community	LTC
11/3/2020	FHA	White Rock Seniors Village 2	LTC
11/2/2020	FHA	Belvedere Care Centre	LTC
11/1/2020	FHA	Good Samaritan Delta View Care Centre 2	LTC
10/26/2020	FHA	Fellburn Care Center	LTC
10/24/2020	FHA	Agassiz Seniors Community	LTC
10/22/2020	FHA	Laurel Place	LTC
11/18/2020	IHA	Orchard Manor	LTC
11/14/2020	IHA	Village by the Station	LTC
11/14/2020	IHA	Hamlets at Westsyde	LTC
11/13/2020	IHA	Sun Pointe Village	LTC
11/2/2020	NHA	Rotary Manor	LTC
<b>11/18/2020</b>	<b>VCHA</b>	<b>Renfrew Care Centre</b>	<b>LTC</b>
11/18/2020	VCHA	Windermere Care Centre 2	LTC
11/16/2020	VCHA	Youville Residence	LTC
11/12/2020	VCHA	Columbus Residence	LTC
11/12/2020	VCHA	Arbutus Care Centre 2	LTC
11/10/2020	VCHA	Holy Family Hospital 4	LTC
11/9/2020	VCHA	Capilano Care Centre	LTC
11/8/2020	VCHA	Fraserview Intermediate Care Lodge	LTC
10/26/2020	VCHA	Louis Brier Home and Hospital	LTC
10/23/2020	VCHA	Banfield Pavilion - 4th Floor West	LTC
10/21/2020	VCHA	Three Links Care Centre	LTC



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Active Reported Outbreaks in Care Facilities			
Outbreak Start Date	HA	Facility/Community Name	Facility Type
10/18/2020	VCHA	Royal Arch Masonic Home 3	LTC
11/19/2020	VIHA	Discovery Harbour Care	LTC
11/17/2020	VIHA	Rainbow Gardens	LTC
<b>11/20/2020</b>	<b>FHA</b>	<b>Sunset Manor 2</b>	<b>Assisted living</b>
11/14/2020	FHA	PICS Assisted Living 3	Assisted Living
11/8/2020	FHA	Harrison Pointe	Assisted Living
10/29/2020	FHA	Hawthorne Seniors Care Community	Assisted Living
11/17/2020	FHA	Agecare Harmony Court Estates	Independent Living
10/24/2020	FHA	Amenida Seniors Community	Independent Living
<b>11/22/2020</b>	<b>NHA</b>	<b>North Peace Seniors Housing</b>	<b>Independent Living</b>

Table 2.4: Active reported outbreaks in other settings

Active Reported Outbreaks in Other Settings			
Outbreak Start Date	HA	Facility/Community Name	Facility Type
11/2/2020	Provincial	Seymour Pacific Developments Worksite (MB)	Workplace/Communal Living
10/30/2020	Provincial	CNRL Albion Oil Sands (AB)	Workplace/Communal Living
10/22/2020	Provincial	Suncor Firebag Oil Sands	Workplace/Communal Living
10/10/2020	Provincial	CNRL Horizon Oil Sands (AB)	Workplace/Communal Living
10/2/2020	FHA	MSJ Distribution at Valhalla Distribution	Workplace

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Active Reported Outbreaks in Other Settings			
Outbreak Start Date	HA	Facility/Community Name	Facility Type
11/5/2020	IHA	RIH Construction Site	Workplace
11/19/2020	Provincial	LNG Kitimat	Workplace
11/13/2020	FHA	Platinum Athletic Club	Other
11/2/2020	FHA	Capella Dance Academy	Other
10/23/2020	Provincial	Big Horn Hotel, Watson Lake (YT)	Other

*Table 2.5: Active reported outbreaks in schools*

Active Reported Outbreaks in Schools			
Outbreak Start Date	HA	Facility/Community Name	Facility Type
11/14/2020	FHA	Cambridge Elementary School	School or Daycare

Figures from the summary tables below are inclusive of newly declared active, newly declared over and all currently active outbreaks.

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Table 2.6a: Summary of outbreaks in care facilities

Summary of Outbreaks in Care Facilities			
Outbreak Characteristic	Outbreak Status		Total
	Declared Over	Currently Active	
<b>Number of Outbreaks by Setting</b>			
<i>Acute care facility</i>	20	13	33
<i>Assisted living</i>	10	4	14
<i>Group home (community living)</i>	2	0	2
<i>Independent living</i>	6	4	10
<i>Long term care facility</i>	80	47	127
<i>Other residential facility type</i>	1	0	1
<b>Total</b>	<b>119</b>	<b>68</b>	<b>187</b>
<b>Number of Outbreaks by Health Authority</b>			
<i>Fraser</i>	78	47	125
<i>Interior</i>	4	4	8
<i>Northern</i>	0	2	2
<i>Vancouver Coastal</i>	36	13	49
<i>Vancouver Island</i>	1	2	3
<b>Total</b>	<b>119</b>	<b>68</b>	<b>187</b>

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Table 2.6b: Summary of cases/deaths in care facilities

Summary of Cases/Deaths in Care Facilities			
Outbreak Characteristic	Outbreak Status		Total
	Declared Over	Currently Active	
Number of Cases			
Total Cases	988	970	1,958
Residents	554	583	1,137
Staff/other	429	365	794
Unknown	5	22	27
New Cases			178
Residents			106
Staff/other			61
Unknown			11
Number of Deaths			
Total Deaths	180	54	234
Residents	180	54	233
Staff/other	0	0	0
Unknown	0	0	0
New Deaths			13
Residents			13
Staff/other			0
Unknown			0

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*Table 2.7a: Summary of outbreaks in other facilities*

Summary of Outbreaks in Other Facilities			
Outbreak Characteristic	Outbreak Status		Total
	Declared Over	Currently Active	
<b>Number of Outbreaks by Setting</b>			
<i>Conference</i>	1	0	1
<i>Correctional facility</i>	3	0	3
<i>Religious institution</i>	1	0	1
<i>School or daycare</i>	1	1	2
<i>Shelter</i>	1	0	1
<i>Workplace not otherwise specified</i>	15	3	18
<i>Workplace with communal living</i>	3	4	7
<i>Other</i>	1	3	4
<b>Total</b>	<b>26</b>	<b>11</b>	<b>37</b>
<b>Number of Outbreaks by Health Authority</b>			
<i>Fraser</i>	13	4	17
<i>Interior</i>	9	1	10
<i>Vancouver Coastal</i>	1	0	1
<i>Provincial</i>	3	6	9
<b>Total</b>	<b>26</b>	<b>11</b>	<b>37</b>

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Table 2.7b: Summary of outbreaks in other facilities

Summary of Cases/Deaths in Other Facilities			
Outbreak Characteristic	Outbreak Status		Total
	Declared Over	Currently Active	
<b>Number of Cases</b>			
<b>Total Cases</b>	<b>660</b>	<b>190</b>	<b>850</b>
<i>Residents</i>	122	0	<b>122</b>
<i>Students</i>	10	50	<b>60</b>
<i>Staff/other</i>	524	135	<b>659</b>
<i>Unknown</i>	4	5	<b>9</b>
<b>New Cases</b>			<b>15</b>
<i>Residents</i>			<b>0</b>
<i>Students</i>			<b>0</b>
<i>Staff/other</i>			<b>13</b>
<i>Unknown</i>			<b>2</b>
<b>Number of Deaths</b>			
<b>Total Deaths</b>	<b>2</b>	<b>0</b>	<b>2</b>
<i>Residents</i>	1	0	<b>1</b>
<i>Students</i>	0	0	<b>0</b>
<i>Staff/other</i>	1	0	<b>1</b>
<i>Unknown</i>	0	0	<b>0</b>
<b>New Deaths</b>			<b>0</b>
<i>Residents</i>			<b>0</b>
<i>Students</i>			<b>0</b>
<i>Staff/other</i>			<b>0</b>
<i>Unknown</i>			<b>0</b>

\* Negative values represent change in case status from unknown to confirmed.

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### 3: COVID-19 App & Self-Assessment Tool (as of Nov 22/23:59)

*Table 3: COVID-19 app & self-assessment tool*

Date	Total App Users	Total SAT Visits	Distinct SAT Users	Peak SAT Activity (users/min)	Average SAT Activity (users/hr)
<b>22-Nov</b>	<b>452,500</b>	<b>4,676,437</b>	<b>10,347</b>	<b>26.5</b>	<b>431.1</b>
21-Nov	450,951		10,111	26.9	421.3
20-Nov	449,587		18,765	62.5	781.9
19-Nov	447,104	4,619,774	17,953	55.5	748.0
18-Nov	444,923	4,593,577	17,972	56.8	748.8

### 4: 8-1-1 Data (as of Nov 22/23:59)

*Table 4: 8-1-1 Calls*

Date	Calls Received	Calls Answered	Abandon Rate	Average Wait (min)	Max Wait of Answered (min)	Average Handle Time (min)	COVID-related Calls Received
<b>22-Nov</b>	<b>3,375</b>	<b>3,215</b>	<b>4.7%</b>	<b>1.2</b>	<b>14.1</b>	<b>3.2</b>	<b>1,763</b>
21-Nov	3,108	3,088	0.6%	0.2	8.4	3.1	1,573
20-Nov	4,131	4,015	2.8%	0.6	14.1	3.5	2,420
19-Nov	4,052	3,889	4.0%	1.1	12.7	3.5	2,399
18-Nov	4,139	3,956	4.4%	1.2	13.3	3.4	2,484
Average pre-COVID call volumes: 1,250/day							

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## 5: Collection Sites (as of Nov 22/23:59)

Table 5: Collection sites

Health Authority	Tests Collected	Proportion of Tests Collected within 24 hrs (%)	Collection Capacity	Drop-In Visits <sup>^</sup>	Median Drop-In Wait (mins)	90th Percentile Drop-In Wait (mins)	Proportion of Appointments Booked within 20 mins (%) <sup>^^</sup>
FHA	3,696	100.0	4,650	1,622	5 - 30 min		
IHA	732		777	7			
NHA	162						
PHSA*	82	95.1	200	82	2.0	5.0	
VCHA**	1,355		2,525				
VIHA**	1,023	58.5	1,100				
<b>TOTAL</b>	<b>7,050</b>		<b>9,252</b>	<b>1,711</b>			

\* PHSA Median and 90<sup>th</sup> percentile drop-in wait times are based on the time between registration and test collection.

\*\* Whistler (VCHA) and VIHA collection volumes and capacity are reported with a 2-day delay.

<sup>^</sup> NHA and VIHA do not offer drop-in testing. IHA may have occasional drop-in if sites need to accommodate those who cannot get booked using the online system for testing within 24 hours.

<sup>^^</sup> FHA and IHA use an online system. Previously, IHA was using a call center model but switched to an online booking system.



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## 6: Lab Testing (as of Nov 22/23:59)

Table 6: Lab Testing

Health Authority	Total Lab Tests Completed^	New Tests Completed^	New Non-Positive Tests^^	New Positive Tests*	7 Day Avg. Test Positivity Rate (%)	Lab Samples Pending**	Today's Projected Testing Capacity**	Median Turnaround Time (hrs)	90th Percentile Turnaround Time (hrs)
FHA	418,010	5,159	4,865	347	9.6	1,337	2,365	29.4	51.0
IHA	107,797	910	879	34	3.5	383	1,128	30.0	51.2
NHA	31,364	275	250	14	5.4	46	148	48.0	72.0
VCHA	337,615	2,923	2,778	34	5.1	1,284	5,500	25.1	48.0
VIHA	118,623	1,682	1,665	163	1.4	617	1,288	13.0	18.5
OTHER	17,222	138	137	2	0.0	6,263	9,604	34.7	48.0
<b>TOTAL</b>	<b>1,066,696</b>	<b>11,087</b>	<b>10,493</b>	<b>594</b>	<b>6.7</b>	<b>9,930</b>	<b>20,033</b>	<b>24.0</b>	<b>48.0</b>
Lab Testing Totals from Last Four Business Days									
19-Nov	1,030,631	11,087	10,560	527	6.7	9,930	20,033	24.0	48.0
18-Nov	1,019,551	13,792	13,033	759	6.8	7,723	20,033	25.9	48.0
17-Nov	1,005,759	11,145	10,429	716	6.6	5,610	20,033	24.0	39.8
16-Nov	994,615	6,819	6,176	643	6.6	6,610	20,033	24.8	48.0

^ Total Lab Tests Completed and New Tests Completed figures are aligned with the BCCDC COVID-19 Dashboard.

^^ Non-positive tests include tests that have returned negative, indeterminate and invalid results.

\* New positive tests data contain unique individual positive tests only and is equivalent to new lab-confirmed case count figures.

\*\* Pending and projected lab test totals also include data from C&W, BCCDC and LifeLabs. PHC figures are included in the VCHA totals.

## 7: BC Emergency Health Services Call Volumes (as of Nov 22/23:59)

Table 7.1: "Influenza-like illness" call volumes

<b>"Influenza-like Illness" Call Volumes</b>						
<b>Date</b>	<b>IHA</b>	<b>FHA</b>	<b>VCHA</b>	<b>VIHA</b>	<b>NHA</b>	<b>TOTAL</b>
<b>22-Nov</b>	<b>25</b>	<b>74</b>	<b>34</b>	<b>30</b>	<b>8</b>	<b>171</b>
21-Nov	36	74	48	38	17	213
20-Nov	44	80	40	38	13	215
19-Nov	31	95	43	28	12	209
18-Nov	39	69	47	31	9	195
Average pre-COVID ILI events: ~6 events/week across BC						

Table 7.2: Total provincial call volumes

<b>Total Provincial Call Volumes</b>						
<b>Date</b>	<b>IHA</b>	<b>FHA</b>	<b>VCHA</b>	<b>VIHA</b>	<b>NHA</b>	<b>TOTAL</b>
<b>22-Nov</b>	<b>233</b>	<b>479</b>	<b>296</b>	<b>271</b>	<b>96</b>	<b>1,375</b>
21-Nov	252	535	371	305	99	1,562
20-Nov	269	556	365	307	117	1,614
19-Nov	271	552	401	269	109	1,602
18-Nov	281	528	364	291	94	1,558
Average pre-COVID BCEHS call volumes: 1,540/day						

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**8: Emergency Department Visits (as of Nov 22/23:59)**

*Table 8: Emergency department visits*

Health Authority	March 9	Today	Percentage Change
FHA	2,092	1,380	-34.0%
IHA	1,388	964	-30.5%
NHA	733	439	-40.1%
PHSA	155	65	-58.1%
VCHA	1,227	729	-40.6%
VIHA	964	864	-10.4%
<b>TOTAL</b>	<b>6,559</b>	<b>4,441</b>	<b>-32.3%</b>

ED Visits Totals from Last Four Business Days							
Date	FHA	IHA	NHA	PHSA	VCHA	VIHA	TOTAL
19-Nov	1,586	1,064	541	72	910	902	5,075
18-Nov	1,591	1,082	510	91	857	903	5,034
17-Nov	1,586	1,075	558	86	830	970	5,105
16-Nov	1,600	1,102	532	103	881	970	5,188

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## 9: Hospital Bed Occupancy Rates (as of Nov 22/23:59)

Table 9.1: Total hospital occupancy rates

Total Hospital Occupancy Rates									
Health Authority	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	2,665	336	87.4%	921	912	1.0%	3,586	1,248	65.2%
IHA	1,436	172	88.0%	406	391	3.7%	1,842	563	69.4%
NHA	603	94	84.4%	243	240	1.2%	846	334	60.5%
PHSA	582	172	70.4%	59	59	0.0%	641	231	64.0%
VCHA	2,096	125	94.0%	524	479	8.6%	2,620	604	76.9%
VIHA	1,931	262	86.4%	168	168	0.0%	2,099	430	79.5%
<b>TOTAL</b>	<b>9,313</b>	<b>1,161</b>	<b>87.5%</b>	<b>2,321</b>	<b>2,249</b>	<b>3.1%</b>	<b>11,634</b>	<b>3,410</b>	<b>70.7%</b>
Hospital Occupancy Totals from Last Four Business Days									
20-Nov	9,313	1,167	87.5%	2,321	2,247	3.2%	11,634	3,414	70.7%
19-Nov	9,317	929	90.0%	2,933	2,788	4.9%	12,250	3,706	69.7%
18-Nov	9,317	889	90.5%	2,933	2,787	5.0%	12,250	3,671	70.0%
17-Nov	9,317	879	90.6%	2,933	2,797	4.6%	12,250	3,673	70.0%

- Total occupancy figures comprise all beds that are not NICU bassinets, including critical care beds.
- The pre-COVID-19 provincial hospital bed occupancy rate was 103.5% as of December 12, 2019.
- Base beds are defined as beds staffed to provide services to inpatient/residents at the required type and level of service. Surge beds are beds that are not considered staffed.

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Table 9.2 & 9.3: COVID site hospital occupancy rates and non-COVID site hospital occupancy rates

COVID Site Hospital Occupancy Rates									
Health Authority	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	1,339	93	93.1%	431	431	0.0%	1,770	524	70.4%
IHA	1,195	117	90.2%	275	263	4.4%	1,470	380	74.1%
NHA	359	37	89.7%	133	133	0.0%	492	170	65.4%
PHSA	159	76	52.2%	50	50	0.0%	209	126	39.7%
VCHA	1,654	34	97.9%	160	116	27.5%	1,814	150	91.7%
VIHA	1,277	130	89.8%	59	59	0.0%	1,336	189	85.9%
<b>TOTAL</b>	<b>5,983</b>	<b>487</b>	<b>91.9%</b>	<b>1,108</b>	<b>1,052</b>	<b>5.1%</b>	<b>7,091</b>	<b>1,539</b>	<b>78.3%</b>

Non-COVID Site Hospital Occupancy Rates									
Health Authority	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	1,326	243	81.7%	490	481	1.8%	1,816	724	60.1%
IHA	241	55	77.2%	131	128	2.3%	372	183	50.8%
NHA	244	57	76.6%	110	107	2.7%	354	164	53.7%
PHSA	423	96	77.3%	9	9	0.0%	432	105	75.7%
VCHA	442	91	79.4%	364	363	0.3%	806	454	43.7%
VIHA	654	132	79.8%	109	109	0.0%	763	241	68.4%
<b>TOTAL</b>	<b>3,330</b>	<b>674</b>	<b>79.8%</b>	<b>1,213</b>	<b>1,197</b>	<b>1.3%</b>	<b>4,543</b>	<b>1,871</b>	<b>58.8%</b>

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Table 9.4: COVID-designated hospital occupancy rates

COVID-Designated Hospital Occupancy Rates										
Health Authority	Hospital Name	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	Abbotsford Regional	275	25	90.9%	92	92	0.0%	367	117	68.1%
FHA	Royal Columbian	435	20	95.4%	96	96	0.0%	531	116	78.2%
FHA	Surrey Memorial	629	48	92.4%	243	243	0.0%	872	291	66.6%
IHA	East Kootenay Regional	77	13	83.1%	22	22	0.0%	99	35	64.6%
IHA	Kelowna General	443	38	91.4%	68	68	0.0%	511	106	79.3%
IHA	Kootenay Boundary Regional	75	19	74.7%	36	36	0.0%	111	55	50.5%
IHA	Penticton Regional	155	19	87.7%	61	61	0.0%	216	80	63.0%
IHA	Royal Inland	259	4	98.5%	20	8	60.0%	279	12	95.7%
IHA	Vernon Jubilee	186	24	87.1%	68	68	0.0%	254	92	63.8%
NHA	Fort St John & Peace Villa	46	15	67.4%	25	25	0.0%	71	40	43.7%
NHA	Mills Memorial	53	5	90.6%	15	15	0.0%	68	20	70.6%
NHA	UHNBC	260	17	93.5%	93	93	0.0%	353	110	68.8%
PHSA	B.C. Children's	159	76	52.2%	50	50	0.0%	209	126	39.7%
VCHA	Lions Gate	242	7	97.1%	37	37	0.0%	279	44	84.2%
VCHA	Richmond	204	2	99.0%	17	7	58.8%	221	9	95.9%
VCHA	St. Paul's	428	25	94.2%	29	29	0.0%	457	54	88.2%
VCHA	Vancouver General	780	0	100.0%	77	43	44.2%	857	43	95.0%
VIHA	Nanaimo Regional General	361	33	90.9%	0	0		361	33	90.9%
VIHA	Royal Jubilee	542	66	87.8%	36	36	0.0%	578	102	82.4%
VIHA	Victoria General	374	31	91.7%	23	23	0.0%	397	54	86.4%

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Table 9.5: Critical care hospital occupancy rates

Critical Care Hospital Occupancy Rates									
Health Authority	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	136	16	88.2%	115	115	0.0%	251	131	47.8%
IHA	87	25	71.3%	20	20	0.0%	107	45	57.9%
NHA	41	16	61.0%	23	23	0.0%	64	39	39.1%
PHSA	12	9	25.0%	16	16	0.0%	28	25	10.7%
VCHA	140	18	87.1%	46	45	2.2%	186	63	66.1%
VIHA	97	36	62.9%	0	0		97	36	62.9%
<b>TOTAL</b>	<b>513</b>	<b>120</b>	<b>76.6%</b>	<b>220</b>	<b>219</b>	<b>0.5%</b>	<b>733</b>	<b>339</b>	<b>53.8%</b>
Critical Care Hospital Occupancy Totals from Last Four Business Days									
20-Nov	513	112	78.2	220	218	0.9%	733	330	55.0%
19-Nov	517	97	81.2%	258	256	0.8%	775	353	54.5%
18-Nov	517	105	79.7%	258	255	1.2%	775	360	53.5%
17-Nov	517	110	78.7%	258	252	2.3%	775	362	53.3%

Critical care beds include those classified as being in Intensive Care Units (ICU), High Acuity Units (HAU), Cardiac Care Units (CCU), Cardiac Surgery Intensive Care Units (CSICU) and Pediatric Intensive Care Units (PICU).

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Table 9.6: COVID-designated hospital critical care occupancy rates

COVID-Designated Hospital Critical Care Occupancy Rates										
Health Authority	Hospital Name	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	Abbotsford Regional	16	0	100.0%	16	16	0.0%	32	16	50.0%
FHA	Royal Columbian	39	7	82.1%	32	32	0.0%	71	39	45.1%
FHA	Surrey Memorial	46	7	84.8%	60	60	0.0%	106	67	36.8%
IHA	East Kootenay Regional	6	4	33.3%	0	0		6	4	33.3%
IHA	Kelowna General	31	11	64.5%	9	9	0.0%	40	20	50.0%
IHA	Kootenay Boundary Regional	6	3	50.0%	1	1	0.0%	7	4	42.9%
IHA	Penticton Regional	7	0	100.0%	2	2	0.0%	9	2	77.8%
IHA	Royal Inland	21	4	81.0%	0	0		21	4	81.0%
IHA	Vernon Jubilee	10	2	80.0%	1	1	0.0%	11	3	72.7%
NHA	Fort St John & Peace Villa	4	3	25.0%	0	0		4	3	25.0%
NHA	Mills Memorial	5	3	40.0%	4	4	0.0%	9	7	22.2%
NHA	UHNBC	23	4	82.6%	16	16	0.0%	39	20	48.7%
PHSA	B.C. Children's	12	9	25.0%	16	16	0.0%	28	25	10.7%
VCHA	Lions Gate	9	1	88.9%	2	2	0.0%	11	3	72.7%
VCHA	Richmond	8	2	75.0%	3	3	0.0%	11	5	54.5%
VCHA	St. Paul's	35	11	68.6%	6	6	0.0%	41	17	58.5%
VCHA	Vancouver General	68	0	100.0%	28	27	3.6%	96	27	71.9%
VIHA	Nanaimo Regional General	18	7	61.1%	0	0		18	7	61.1%
VIHA	Royal Jubilee	38	13	65.8%	0	0		38	13	65.8%
VIHA	Victoria General	17	6	64.7%	0	0		17	6	64.7%



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## 10: Ventilator Inventory (as of Nov 20/10:00)

Table 10.1: Level 1 ventilator inventory

Level 1 Ventilator Inventory					
Fleet Type	Inventory	Unassigned	Deployed	Deployed & Out of Service	Deployed & In Service
Provincial Fleet	111	101	10	3	7
Site Fleet	601	N/A	601	43	558
<b>TOTAL</b>	<b>712</b>	<b>101</b>	<b>611</b>	<b>46</b>	<b>565</b>

Table 10.2: Level 2 ventilator inventory

Level 2 Ventilator Inventory					
Fleet Type	Inventory	Unassigned	Deployed	Deployed & Out of Service	Deployed & In Service
Provincial Fleet	62	62	0	0	0
Site Fleet	328	N/A	328	23	305
<b>TOTAL</b>	<b>390</b>	<b>62</b>	<b>328</b>	<b>23</b>	<b>305</b>

Notes: Level 1 includes intensive care ventilators with the most advanced monitoring. These are mainly located within ICU departments and are the first level of ventilators used in a pandemic. Level 2 includes sub-acute intensive care ventilators, advanced transport ventilators and more advanced non-invasive ventilators capable of invasive ventilation. These are located in non-ICU ventilated units for ventilating less-complex patients and are used if no intensive care ventilators are available. There is an additional inventory of 56 level 3 ventilators in the provincial fleet - these are basic transport, basic non-invasive or home/portable ventilators and have limited monitoring for pandemic use.

Site fleet includes ventilators that are owned and reside in a facility, whereas provincial fleet includes ventilators that are owned by the province and may or may not reside in a particular facility. Deployed & Out of Service units are assigned to a hospital but not currently in operation.

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### 11: Home Health Monitoring (as of Nov 20/16:00)

*Table 11: Home health monitoring*

Date	Total Actively Monitored COVID Patients	Total Patients Discharged since March 26
<b>20-Nov</b>	<b>956</b>	<b>8,274</b>
19-Nov	907	8,210
18-Nov	883	8,172
17-Nov	912	8,097
16-Nov	935	8,030
Total COVID patients monitored to date: <b>9230</b>		

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## 12: PHO Orders

**November 16, 2020:** The PHO issued an order on November 16, 2020 on [Health Authority Regulated Professionals SARS-CoV-2 Swabbing](#)

**November 16, 2020:** The PHO issued an order on November 16, 2020 on [Midwives and Certified Practice Speech Language Pathologists SARS-CoV-2 Swabbing](#).

**November 16, 2020:** The PHO issued an order on November 16, 2020 on [British Columbia Emergency Health Services SARS-CoV-2 Swabbing](#).

**November 13, 2020:** The PHO issued an order on November 13, 2020 on [COVID-19 Prevention Regional Measures](#).

**November 10, 2020:** The PHO repealed and replaced the order of October 30, 2020 on [Gatherings and Events](#).

**October 9, 2020:** The PHO repealed and replaced the order of September 18, 2020 on [Food and Liquor Serving Premises](#).

**September 16, 2020:** The PHO issued an order on [Registered Nurse and Registered Psychiatric Nurse Public Health Pharmacotherapy](#).

**August 30, 2020:** The Federal Chief PHO issued updates to the [Federal Quarantine Order](#) on minimizing the risk of exposure to COVID-19 in Canada.

**July 2, 2020:** The PHO repealed and replaced the order of April 23, 2020 on [Industrial Camps](#).

**May 29, 2020:** The PHO issued an order on [Overnight Camps for Children and Youth](#).

**May 28, 2020:** The PHO repealed and replaced the PHO oral order of March 27, 2020 and the written order of April 15, 2020 on [Vending Markets](#).

**May 14, 2020:** The PHO cancelled the order of April 16, 2020 on [Personal Services](#).

**May 14, 2020:** The PHO issued an order on [Workplace COVID-19 Safety Plans](#).

**May 7, 2020:** The PHO issued an order on [Licensed Practical Nurse SARS-CoV-2 Swabbing](#).

**April 15, 2020:** The PHO amended the order of April 10, 2020 on [Health Care Labour Adjustment](#) with respect to [Facility Staff Assignment](#).

**April 14, 2020:** The PHO amended the order of April 10, 2020 on [Health Care Labour Adjustment](#) with respect to [Travellers and Employers](#).

**April 10, 2020:** The PHO issued an order on [Health Care Labour Adjustment](#).

**March 26, 2020:** The PHO issued an order on [Information Collection from Long Term Care Facility Staff](#).

For other COVID-19 related notices and guidance please see the following:

[PHO COVID-19 Orders, Notices & Guidance](#)

[BCCDC COVID-19 Care Resources](#)

# Daily COVID-19 Report

COVID Response and Health Emergency Management Division

November 24, 2020



Ministry of  
Health

## CONFIDENTIAL - NOT FOR DISTRIBUTION

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**Rows and figures that are bolded indicate a change from the previous report.**

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## 1: Case Counts (as of Nov 24/10:00)

- 941 new cases have been reported since yesterday
  - No new epi-linked cases have been reported since yesterday
  - 10 new deaths have been reported since yesterday (5 FHA, 5 VCHA)

Table 1: Case counts

Collection of total case counts at the Ministry began on March 17, 2020.

Case Counts											
Health Authority	Total Cases (Lab & Epi)	New Cases (last 24 hrs)	Total Lab-Confirmed Cases	Total Epi-Linked Cases	Currently in Hospital	Currently in ICU/HAU	Mechanically Ventilated	Active Cases	Actively Monitored	Recovered Cases	Deaths
FHA	17,724	678	17,590	134	166	36	14	5,734	4,774	11,167	178
IHA	1,356	49	1,312	44	2	0	0	303	645	1,050	3
VIHA	505	11	499	6	2	0	0	152	549	347	6
NHA	678	29	641	37	23	10	2	153	273	519	6
VCHA	7,992	174	7,902	90	90	15	9	1,386	4,042	6,438	165
Out of Canada	93	0	92	1	1			4	0	84	0
<b>TOTAL</b>	<b>28,348</b>	<b>941</b>	<b>28,036</b>	<b>312</b>	<b>284</b>	<b>61</b>	<b>25</b>	<b>7,732</b>	<b>10,283</b>	<b>19,605</b>	<b>358</b>
Case Count Totals from Last Four Days											
23-Nov	27,407	594	27,094	313	277	58	25	7,360	10,200	19,069	348
22-Nov	26,813	626				57	24				343
21-Nov	26,187	713				52	22				335
20-Nov	25,474	516	25,172	302	227	57	22	7,122	10,002	17,477	331

Mechanically Ventilated numbers are included in the ICU/HAU figures and ICU/HAU numbers are included in the Currently in Hospital figures.

\* One case reported was assigned to out of Canada is now assigned to NHA.

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### 2: Facility & Community Outbreaks (as of Nov 24/10:00)

- 2 new outbreaks have been reported since last report (1 VCH & 1 FHA)
- 6 outbreaks have been declared over since last report
- 7 new deaths in outbreaks since last report (3 in FHA LTC – 1 at Finnish Manor, 1 at Good Samaritan Delta View Care Centre 2, 1 at Northcrest Care Centre; 2 in VHCA LTC – 1 at Capilano Care Centre, 1 at Columbus Residence; 2 in VCHA Acute Care – both at Lions Gate Hospital 2)

*Table 2.1: Outbreaks newly declared since last report*

Outbreaks Newly Declared Since Last Report									
Outbreak Start Date	HA	Facility/Community Name	Facility Type	Totals		Residents/Students		Staff/Other	
				Total Cases	Total Deaths	Total Cases	Total Deaths	Total Cases	Total Deaths
11/23/2020	FHA	Valley Haven Care Home	LTC	2	0	0	0	2	0
11/22/2020	VCHA	Little Mountain Place 2	LTC	1	0	1	0	0	0
				3	0	1	0	2	0

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*Table 2.2: Outbreaks declared over in the last five business days*

Outbreaks Declared Over in the Last Five Business Days										
Outbreak Start Date	Outbreak End Date	HA	Facility/Community Name	Facility Type	Totals		Residents/Students		Staff/Other	
					Total Cases	Total Deaths	Total Cases	Total Deaths	Total Cases	Total Deaths
11/2/2020	11/24/2020	FHA	Capella Dance Academy	Other	48	0	43	0	5	0
11/13/2020	11/24/2020	FHA	Platinum Athletic Club	Other	55	0	0	0	55	0
11/11/2020	11/23/2020	FHA	Dania Home 2	LTC	2	0	0	0	2	0
11/5/2020	11/23/2020	FHA	Suncreek Village	LTC	2	0	0	0	2	0
11/10/2020	11/23/2020	FHA	The Harrison at Elim Village 2	LTC	1	0	0	0	1	0
11/8/2020	11/23/2020	VCHA	Fraserview Intermediate Care Lodge	LTC	3	0	0	0	3	0
11/11/2020	11/21/2020	VIHA	NRGH/Transitions Unit	Acute Care	5	0	0	0	5	0
10/19/2020	11/20/2020	FHA	Evergreen Baptist Care Society	LTC	4	0	1	0	3	0
10/27/2020	11/20/2020	IHA	Okanagan Men's Centre	Group home (community living)	11	0	7	0	3	0
TOTAL					131	0	51	0	79	0



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*Table 2.3: Active reported outbreaks in care facilities*

Active Reported Outbreaks in Care Facilities			
Outbreak Start Date	HA	Facility/Community Name	Facility Type
11/19/2020	FHA	Burnaby Hospital 2B	Acute Care
11/18/2020	FHA	Royal Columbian Hospital T5N	Acute Care
11/17/2020	FHA	Burnaby Hospital 3B	Acute Care
11/17/2020	FHA	Burnaby Hospital 4BA	Acute Care
11/17/2020	FHA	Burnaby Hospital 5A	Acute Care
11/17/2020	FHA	Surrey Memorial Hospital 5W (2)	Acute Care
11/16/2020	FHA	Burnaby Hospital 2C	Acute Care
11/15/2020	FHA	Burnaby Hospital BH-3C 2	Acute Care
11/9/2020	FHA	Burnaby Hospital 2A	Acute Care
11/5/2020	FHA	Fellburn Care Center – PATH unit	Acute Care
11/5/2020	FHA	Langley Memorial Hospital – 4SC	Acute Care
11/5/2020	FHA	Ridge Meadows Hospital – AM Rehab 2	Acute Care
11/20/2020	VCH	Lions Gate Hospital 4W	Acute Care
<b>11/23/2020</b>	<b>FHA</b>	<b>Valley Haven Care Home</b>	<b>LTC</b>
11/22/2020	FHA	Queen's Park Care Centre	LTC
11/20/2020	FHA	Carelife Fleetwood 2	LTC
11/19/2020	FHA	Agecare Harmony Court Care Centre	LTC
11/18/2020	FHA	Cottage-Worthington Pavilion	LTC
11/18/2020	FHA	Langley Memorial Hospital – LTC 2	LTC
11/18/2020	FHA	The Residence at Clayton Heights 2	LTC
11/17/2020	FHA	Menno Home	LTC
11/13/2020	FHA	Jackman Manor	LTC
11/13/2020	FHA	George Derby Centre 2	LTC
11/13/2020	FHA	Kiwanis Care Centre	LTC

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Active Reported Outbreaks in Care Facilities			
Outbreak Start Date	HA	Facility/Community Name	Facility Type
11/12/2020	FHA	Dr. Al Hogg Pavilion 2	LTC
11/11/2020	FHA	Finnish Manor	LTC
11/10/2020	FHA	Peace Portal Seniors Village 2	LTC
11/9/2020	FHA	Langley Gardens LTC	LTC
11/9/2020	FHA	Holyrood Manor	LTC
11/6/2020	FHA	The Residence, Mission	LTC
11/5/2020	FHA	Fort Langley Seniors Community 2	LTC
11/5/2020	FHA	Northcrest Care Centre	LTC
11/4/2020	FHA	Tabor Home 2	LTC
11/3/2020	FHA	Hawthorne Seniors Care Community	LTC
11/3/2020	FHA	White Rock Seniors Village 2	LTC
11/2/2020	FHA	Belvedere Care Centre	LTC
11/1/2020	FHA	Good Samaritan Delta View Care Centre 2	LTC
10/26/2020	FHA	Fellburn Care Center	LTC
10/24/2020	FHA	Agassiz Seniors Community	LTC
10/22/2020	FHA	Laurel Place	LTC
11/18/2020	IHA	Orchard Manor	LTC
11/14/2020	IHA	Village by the Station	LTC
11/14/2020	IHA	Hamlets at Westsyde	LTC
11/13/2020	IHA	Sun Pointe Village	LTC
11/2/2020	NHA	Rotary Manor	LTC
<b>11/22/2020</b>	<b>VCHA</b>	<b>Little Mountain Place 2</b>	<b>LTC</b>
11/18/2020	VCHA	Renfrew Care Centre	LTC
11/18/2020	VCHA	Windermere Care Centre 2	LTC
11/16/2020	VCHA	Youville Residence	LTC

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Active Reported Outbreaks in Care Facilities			
Outbreak Start Date	HA	Facility/Community Name	Facility Type
11/12/2020	VCHA	Columbus Residence	LTC
11/12/2020	VCHA	Arbutus Care Centre 2	LTC
11/10/2020	VCHA	Holy Family Hospital 4	LTC
11/9/2020	VCHA	Capilano Care Centre	LTC
10/26/2020	VCHA	Louis Brier Home and Hospital	LTC
10/23/2020	VCHA	Banfield Pavilion - 4th Floor West	LTC
10/21/2020	VCHA	Three Links Care Centre	LTC
10/18/2020	VCHA	Royal Arch Masonic Home 3	LTC
11/19/2020	VIHA	Discovery Harbour Care	LTC
11/17/2020	VIHA	Rainbow Gardens	LTC
11/20/2020	FHA	Sunset Manor 2	Assisted living
11/14/2020	FHA	PICS Assisted Living 3	Assisted Living
11/8/2020	FHA	Harrison Pointe	Assisted Living
10/29/2020	FHA	Hawthorne Seniors Care Community	Assisted Living
11/17/2020	FHA	Agecare Harmony Court Estates	Independent Living
10/24/2020	FHA	Amenida Seniors Community	Independent Living
11/22/2020	NHA	North Peace Seniors Housing	Independent Living

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*Table 2.4: Active reported outbreaks in other settings*

Active Reported Outbreaks in Other Settings			
Outbreak Start Date	HA	Facility/Community Name	Facility Type
11/2/2020	Provincial	Seymour Pacific Developments Worksite (MB)	Workplace/Communal Living
10/30/2020	Provincial	CNRL Albion Oil Sands (AB)	Workplace/Communal Living
10/22/2020	Provincial	Suncor Firebag Oil Sands	Workplace/Communal Living
10/10/2020	Provincial	CNRL Horizon Oil Sands (AB)	Workplace/Communal Living
10/2/2020	FHA	MSJ Distribution at Valhalla Distribution	Workplace
11/5/2020	IHA	RIH Construction Site	Workplace
11/19/2020	Provincial	LNG Kitimat	Workplace
10/23/2020	Provincial	Big Horn Hotel, Watson Lake (YT)	Other

*Table 2.5: Active reported outbreaks in schools*

Active Reported Outbreaks in Schools			
Outbreak Start Date	HA	Facility/Community Name	Facility Type
11/14/2020	FHA	Cambridge Elementary School	School or Daycare

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Figures from the summary tables below are inclusive of newly declared active, newly declared over and all currently active outbreaks.

*Table 2.6a: Summary of outbreaks in care facilities*

Summary of Outbreaks in Care Facilities			
Outbreak Characteristic	Outbreak Status		Total
	Declared Over	Currently Active	
<b>Number of Outbreaks by Setting</b>			
<i>Acute care facility</i>	20	13	<b>33</b>
<i>Assisted living</i>	10	4	<b>14</b>
<i>Group home (community living)</i>	2	0	<b>2</b>
<i>Independent living</i>	6	4	<b>10</b>
<i>Long term care facility</i>	84	45	<b>129</b>
<i>Other residential facility type</i>	1	0	<b>1</b>
<b>Total</b>	<b>123</b>	<b>66</b>	<b>189</b>
<b>Number of Outbreaks by Health Authority</b>			
<i>Fraser</i>	81	45	<b>126</b>
<i>Interior</i>	4	4	<b>8</b>
<i>Northern</i>	0	2	<b>2</b>
<i>Vancouver Coastal</i>	37	13	<b>50</b>
<i>Vancouver Island</i>	1	2	<b>3</b>
<b>Total</b>	<b>123</b>	<b>66</b>	<b>189</b>

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*Table 2.6b: Summary of cases/deaths in care facilities*

\*\* Table 2.6b has not been updated for Nov 24, 2020. BCCDC are currently reported decreases in these numbers reported in the health authorities' line lists and are currently investigating this issue \*\*

Summary of Cases/Deaths in Care Facilities			
Outbreak Characteristic	Outbreak Status		Total
	Declared Over	Currently Active	
Number of Cases			
Total Cases	988	970	1,958
Residents	554	583	1,137
Staff/other	429	365	794
Unknown	5	22	27
New Cases			178
Residents			106
Staff/other			61
Unknown			11
Number of Deaths			
Total Deaths	180	54	234
Residents	180	54	233
Staff/other	0	0	0
Unknown	0	0	0
New Deaths			13
Residents			13
Staff/other			0
Unknown			0

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*Table 2.7a: Summary of outbreaks in other facilities*

Summary of Outbreaks in Other Facilities			
Outbreak Characteristic	Outbreak Status		Total
	Declared Over	Currently Active	
<b>Number of Outbreaks by Setting</b>			
<i>Conference</i>	1	0	1
<i>Correctional facility</i>	3	0	3
<i>Religious institution</i>	1	0	1
<i>School or daycare</i>	1	1	2
<i>Shelter</i>	1	0	1
<i>Workplace not otherwise specified</i>	15	3	18
<i>Workplace with communal living</i>	3	4	7
<i>Other</i>	3	1	4
<b>Total</b>	<b>28</b>	<b>9</b>	<b>37</b>
<b>Number of Outbreaks by Health Authority</b>			
<i>Fraser</i>	15	2	17
<i>Interior</i>	9	1	10
<i>Vancouver Coastal</i>	1	0	1
<i>Provincial</i>	3	6	9
<b>Total</b>	<b>28</b>	<b>9</b>	<b>37</b>

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*Table 2.7b: Summary of outbreaks in other facilities*

\*\* Table 2.7b has not been updated for Nov 24, 2020. BCCDC are currently reported decreases in these numbers reported in the health authorities' line lists and are currently investigating this issue \*\*

Summary of Cases/Deaths in Other Facilities			
Outbreak Characteristic	Outbreak Status		Total
	Declared Over	Currently Active	
Number of Cases			
Total Cases	660	190	850
Residents	122	0	122
Students	10	50	60
Staff/other	524	135	659
Unknown	4	5	9
New Cases			
Residents			0
Students			0
Staff/other			13
Unknown			2
Number of Deaths			
Total Deaths	2	0	2
Residents	1	0	1
Students	0	0	0
Staff/other	1	0	1
Unknown	0	0	0
New Deaths			
Residents			0
Students			0
Staff/other			0
Unknown			0



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### 3: COVID-19 App & Self-Assessment Tool (as of Nov 23/23:59)

*Table 3: COVID-19 app & self-assessment tool*

Date	Total App Users	Total SAT Visits	Distinct SAT Users	Peak SAT Activity (users/min)	Average SAT Activity (users/hr)
<b>23-Nov</b>	<b>454,915</b>	<b>4,705,969</b>	<b>20,353</b>	<b>71.0</b>	<b>848.0</b>
22-Nov	452,500	4,676,437	10,347	26.5	431.1
21-Nov	450,951		10,111	26.9	421.3
20-Nov	449,587		18,765	62.5	781.9
19-Nov	447,104	4,619,774	17,953	55.5	748.0

### 4: 8-1-1 Calls (as of Nov 23/23:59)

*Table 4: 8-1-1 calls*

Date	Calls Received	Calls Answered	Abandon Rate	Average Wait (min)	Max Wait of Answered (min)	Average Handle Time (min)	COVID-related Calls Received
<b>23-Nov</b>	<b>5,083</b>	<b>4,137</b>	<b>18.6%</b>	<b>5.6</b>	<b>33.0</b>	<b>3.5</b>	<b>3,108</b>
22-Nov	3,375	3,215	4.7%	1.2	14.1	3.2	1,763
21-Nov	3,108	3,088	0.6%	0.2	8.4	3.1	1,573
20-Nov	4,131	4,015	2.8%	0.6	14.1	3.5	2,420
19-Nov	4,052	3,889	4.0%	1.1	12.7	3.5	2,399
Average pre-COVID call volumes: 1,250/day							

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## 5: Collection Sites (as of Nov 23/23:59)

Table 5: Collection sites

Health Authority	Tests Collected	Proportion of Tests Collected within 24 hrs (%)	Collection Capacity	Drop-In Visits <sup>^</sup>	Median Drop-In Wait (mins)	90th Percentile Drop-In Wait (mins)	Proportion of Appointments Booked within 20 mins (%) <sup>^^</sup>
FHA	4,357	100.0	4,880	1,870	5 - 60 min		
IHA	978		1,023	4			
NHA	360						
PHSA*	122	97.5	200	122	2.0	5.0	
VCHA**	1,797		2,685				
VIHA**	926	51.6	1,100				
<b>TOTAL</b>	<b>8,540</b>		<b>9,888</b>	<b>1,996</b>			

\* PHSA Median and 90th percentile drop-in wait times are based on the time between registration and test collection.

\*\* Whistler (VCHA) and VIHA collection volumes and capacity are reported with a 2-day delay.

<sup>^</sup> NHA and VIHA do not offer drop-in testing. IHA may have occasional drop-in if sites need to accommodate those who cannot get booked using the online system for testing within 24 hours.

<sup>^^</sup> FHA and IHA use an online system. Previously, IHA was using a call center model but switched to an online booking system.

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## 6: Lab Testing (as of Nov 23/23:59)

Table 6: Lab testing

Health Authority	Total Lab Tests Completed^	New Tests Completed^	New Non-Positive Tests^^	New Positive Tests*	7 Day Avg. Test Positivity Rate (%)	Lab Samples Pending**	Today's Projected Testing Capacity**	Median Turnaround Time (hrs)	90th Percentile Turnaround Time (hrs)
FHA	442,009	4,952	4,274	678	9.0	804	2,365	38.3	72.0
IHA	111,135	902	853	49	4.7	50	1,128	47.4	74.0
NHA	32,119	187	158	29	6.9	32	148	48.0	72.0
VCHA	351,184	3,624	3,450	174	4.8	1,247	5,500	28.9	72.0
VIHA	123,339	1,194	1,183	11	1.4	602	1,288	14.5	72.0
OTHER	17,947	178	178	0	0.0	5,424	9,604	48.0	72.0
<b>TOTAL</b>	<b>1,077,733</b>	<b>11,037</b>	<b>10,096</b>	<b>941</b>	<b>6.6</b>	<b>8,159</b>	<b>20,033</b>	<b>29.5</b>	<b>72.0</b>
<b>Lab Testing Totals from Last Four Business Days</b>									
22-Nov	1,066,696	9,744	9,150	594	6.7	6,238	20,033	29.2	51.2
19-Nov	1,030,631	11,087	10,574	513	6.7	9,930	20,033	24.0	48.0
18-Nov	1,019,551	13,792	13,265	527	6.8	7,723	20,033	25.9	48.0
17-Nov	1,005,759	11,145	10,386	759	6.6	5,610	20,033	24.0	39.8

^ Total Lab Tests Completed and New Tests Completed figures are aligned with the BCCDC COVID-19 Dashboard.

^^ Non-positive tests include tests that have returned negative, indeterminate and invalid results.

\* New positive tests data contain unique individual positive tests only and is equivalent to new lab-confirmed case count figures. On weekends and holidays, epi-linked cases are all assigned to the most recent day.

\*\* Pending and projected lab test totals also include data from C&W, BCCDC and LifeLabs. PHC figures are included in the VCHA totals.

## 7: BC Emergency Health Services Call Volumes (as of Nov 23/23:59)

Table 7.1: "Influenza-like illness" call volumes

"Influenza-like Illness" Call Volumes						
Date	IHA	FHA	VCHA	VIHA	NHA	TOTAL
<b>23-Nov</b>	<b>48</b>	<b>84</b>	<b>52</b>	<b>40</b>	<b>18</b>	<b>242</b>
22-Nov	25	74	34	30	8	171
21-Nov	36	74	48	38	17	213
20-Nov	44	80	40	38	13	215
19-Nov	31	95	43	28	12	209
Average pre-COVID ILI events: ~6 events/week across BC						

Table 7.2: Total provincial call volumes

Total Provincial Call Volumes						
Date	IHA	FHA	VCHA	VIHA	NHA	TOTAL
<b>23-Nov</b>	<b>262</b>	<b>500</b>	<b>362</b>	<b>293</b>	<b>112</b>	<b>1,529</b>
22-Nov	233	479	296	271	96	1,375
21-Nov	252	535	371	305	99	1,562
20-Nov	269	556	365	307	117	1,614
19-Nov	271	552	401	269	109	1,602
Average pre-COVID BCEHS call volumes: 1,540/day						

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**8: Emergency Department Visits (as of Nov 22/23:59)**

*Table 8: Emergency department visits*

Health Authority	March 9	Today	Percentage Change
FHA	2,092	1,653	-21.0%
IHA	1,388	1,162	-16.3%
NHA	733	565	-22.9%
PHSA	155	65	-58.1%
VCHA	1,227	945	-23.0%
VIHA	964	991	2.8%
<b>TOTAL</b>	<b>6,559</b>	<b>5,381</b>	<b>-18.0%</b>

ED Visit Totals from Last Four Business Days							
Date	FHA	IHA	NHA	PHSA	VCHA	VIHA	TOTAL
21-Nov	1,380	964	439	65	729	864	4,441
19-Nov	1,586	1,064	541	72	910	902	5,075
18-Nov	1,591	1,082	510	91	857	903	5,034
17-Nov	1,586	1,075	558	86	830	970	5,105

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## 9: Hospital Bed Occupancy Rates (as of Nov 23/23:59)

Table 9.1: Total hospital occupancy rates

Total Hospital Occupancy Rates									
Health Authority	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	2,665	328	87.7%	921	902	2.1%	3,586	1,230	65.7%
IHA	1,436	133	90.7%	406	385	5.2%	1,842	518	71.9%
NHA	603	70	88.4%	243	234	3.7%	846	304	64.1%
PHSA	582	171	70.6%	59	59	0.0%	641	230	64.1%
VCHA	2,100	96	95.4%	524	477	9.0%	2,624	573	78.2%
VIHA	1,931	207	89.3%	168	168	0.0%	2,099	375	82.1%
<b>TOTAL</b>	<b>9,317</b>	<b>1,005</b>	<b>89.2%</b>	<b>2,321</b>	<b>2,225</b>	<b>4.1%</b>	<b>11,638</b>	<b>3,230</b>	<b>72.2%</b>
Hospital Occupancy Totals from Last Four Business Days									
22-Nov	9,313	1,161	87.5%	2,321	2,249	3.1%	11,634	3,410	70.7%
20-Nov	9,313	1,167	87.5%	3,414	2,321	3.2%	11,634	3,414	70.7%
19-Nov	9,317	929	90.0%	2,933	2,788	4.9%	12,250	3,706	69.7%
18-Nov	9,317	889	90.5%	2,933	2,787	5.0%	12,250	3,671	70.0%

- Total occupancy figures comprise all beds that are not NICU bassinets, including critical care beds.
- The pre-COVID-19 provincial hospital bed occupancy rate was 103.5% as of December 12, 2019.
- Base beds are defined as beds staffed to provide services to inpatient/residents at the required type and level of service. Surge beds are beds that are not considered staffed.

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*Table 9.2 & 9.3: COVID site hospital occupancy rates and non-COVID site hospital occupancy rates*

COVID Site Hospital Occupancy Rates									
Health Authority	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	1,339	72	94.6%	431	431	0.0%	1,770	503	71.6%
IHA	1,195	83	93.1%	275	262	4.7%	1,470	345	76.5%
NHA	359	31	91.4%	133	131	1.5%	492	162	67.1%
PHSA	159	76	52.2%	50	50	0.0%	209	126	39.7%
VCHA	1,654	30	98.2%	160	121	24.4%	1,814	151	91.7%
VIHA	1,277	98	92.3%	59	59	0.0%	1,336	157	88.2%
<b>TOTAL</b>	<b>5,983</b>	<b>390</b>	<b>93.5%</b>	<b>1,108</b>	<b>1,054</b>	<b>4.9%</b>	<b>7,091</b>	<b>1,444</b>	<b>79.6%</b>

Non-COVID Site Hospital Occupancy Rates									
Health Authority	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	1,326	256	80.7%	490	471	3.9%	1,816	727	60.0%
IHA	241	50	79.3%	131	123	6.1%	372	173	53.5%
NHA	244	39	84.0%	110	103	6.4%	354	142	59.9%
PHSA	423	95	77.5%	9	9	0.0%	432	104	75.9%
VCHA	446	66	85.2%	364	356	2.2%	810	422	47.9%
VIHA	654	109	83.3%	109	109	0.0%	763	218	71.4%
<b>TOTAL</b>	<b>3,334</b>	<b>615</b>	<b>81.6%</b>	<b>1,213</b>	<b>1,171</b>	<b>3.5%</b>	<b>4,547</b>	<b>1,786</b>	<b>60.7%</b>

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*Table 9.4: COVID-designated hospital occupancy rates*

COVID-Designated Hospital Occupancy Rates										
Health Authority	Hospital Name	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	Abbotsford Regional	275	18	93.5%	92	92	0.0%	367	110	70.0%
FHA	Royal Columbian	435	27	93.8%	96	96	0.0%	531	123	76.8%
FHA	Surrey Memorial	629	27	95.7%	243	243	0.0%	872	270	69.0%
IHA	East Kootenay Regional	77	6	92.2%	22	22	0.0%	99	28	71.7%
IHA	Kelowna General	443	28	93.7%	68	68	0.0%	511	96	81.2%
IHA	Kootenay Boundary Regional	75	15	80.0%	36	36	0.0%	111	51	54.1%
IHA	Penticton Regional	155	14	91.0%	61	61	0.0%	216	75	65.3%
IHA	Royal Inland	259	3	98.8%	20	7	65.0%	279	10	96.4%
IHA	Vernon Jubilee	186	17	90.9%	68	68	0.0%	254	85	66.5%
NHA	Fort St John & Peace Villa	46	15	67.4%	25	25	0.0%	71	40	43.7%
NHA	Mills Memorial	53	3	94.3%	15	13	13.3%	68	16	76.5%
NHA	UHNBC	260	13	95.0%	93	93	0.0%	353	106	70.0%
PHSA	B.C. Children's	159	76	52.2%	50	50	0.0%	209	126	39.7%
VCHA	Lions Gate	242	3	98.8%	37	37	0.0%	279	40	85.7%
VCHA	Richmond	204	2	99.0%	17	16	5.9%	221	18	91.9%
VCHA	St. Paul's	428	23	94.6%	29	29	0.0%	457	52	88.6%
VCHA	Vancouver General	780	2	99.7%	77	39	49.4%	857	41	95.2%
VIHA	Nanaimo Regional General	361	29	92.0%	0	0		361	29	92.0%
VIHA	Royal Jubilee	542	52	90.4%	36	36	0.0%	578	88	84.8%
VIHA	Victoria General	374	17	95.5%	23	23	0.0%	397	40	89.9%



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*Table 9.5: Critical care hospital occupancy rates*

Critical Care Hospital Occupancy Rates									
Health Authority	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	136	13	90.4%	115	115	0.0%	251	128	49.0%
IHA	87	19	78.2%	20	20	0.0%	107	39	63.6%
NHA	41	19	53.7%	23	23	0.0%	64	42	34.4%
PHSA	12	9	25.0%	16	16	0.0%	28	25	10.7%
VCHA	144	20	86.1%	46	44	4.3%	190	64	66.3%
VIHA	97	35	63.9%	0	0		97	35	63.9%
<b>TOTAL</b>	<b>517</b>	<b>115</b>	<b>77.8%</b>	<b>220</b>	<b>218</b>	<b>0.9%</b>	<b>737</b>	<b>333</b>	<b>54.8%</b>
Critical Care Hospital Occupancy Totals from Last Four Business Days									
22-Nov	513	120	76.6%	220	219	0.5%	733	339	53.8%
20-Nov	513	112	78.2%	220	218	0.9%	733	330	55.0%
19-Nov	517	97	81.2%	258	256	0.8%	775	353	54.5%
18-Nov	517	105	79.7%	258	255	1.2%	775	360	53.5%

- Critical care beds include those classified as being in Intensive Care Units (ICU), High Acuity Units (HAU), Cardiac Care Units (CCU), Cardiac Surgery Intensive Care Units (CSICU) and Pediatric Intensive Care Units (PICU).

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*Table 9.6: COVID-designated hospital critical care occupancy rates*

COVID-Designated Hospital Critical Care Occupancy Rates										
Health Authority	Hospital Name	Total Base Beds	Vacant Base Beds	Base Bed Occupancy Rate	Total Surge Beds	Vacant Surge Beds	Surge Occupancy Rate	Total Beds	Total Vacant Beds	Total Occupancy Rate
FHA	Abbotsford Regional	16	0	100.0%	16	16	0.0%	32	16	50.0%
FHA	Royal Columbian	39	4	89.7%	32	32	0.0%	71	36	49.3%
FHA	Surrey Memorial	46	7	84.8%	60	60	0.0%	106	67	36.8%
IHA	East Kootenay Regional	6	2	66.7%	0	0		6	2	66.7%
IHA	Kelowna General	31	7	77.4%	9	9	0.0%	40	16	60.0%
IHA	Kootenay Boundary Regional	6	4	33.3%	1	1	0.0%	7	5	28.6%
IHA	Penticton Regional	7	1	85.7%	2	2	0.0%	9	3	66.7%
IHA	Royal Inland	21	3	85.7%	0	0		21	3	85.7%
IHA	Vernon Jubilee	10	1	90.0%	1	1	0.0%	11	2	81.8%
NHA	Fort St John & Peace Villa	4	2	50.0%	0	0		4	2	50.0%
NHA	Mills Memorial	5	3	40.0%	4	4	0.0%	9	7	22.2%
NHA	UHNBC	23	9	60.9%	16	16	0.0%	39	25	35.9%
PHSA	B.C. Children's	12	9	25.0%	16	16	0.0%	28	25	10.7%
VCHA	Lions Gate	9	0	100.0%	2	2	0.0%	11	2	81.8%
VCHA	Richmond	8	2	75.0%	3	3	0.0%	11	5	54.5%
VCHA	St. Paul's	35	10	71.4%	6	6	0.0%	41	16	61.0%
VCHA	Vancouver General	68	2	97.1%	28	28	0.0%	96	30	68.8%
VIHA	Nanaimo Regional General	18	8	55.6%	0	0		18	8	55.6%
VIHA	Royal Jubilee	38	12	68.4%	0	0		38	12	68.4%
VIHA	Victoria General	17	8	52.9%	0	0		17	8	52.9%

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## 10: Ventilator Inventory (as of Nov 20/10:00)

Table 10.1: Level 1 ventilator inventory

Level 1 Ventilator Inventory					
Fleet Type	Inventory	Unassigned	Deployed	Deployed & Out of Service	Deployed & In Service
Provincial Fleet	111	101	10	3	7
Site Fleet	601	N/A	601	43	558
<b>TOTAL</b>	<b>712</b>	<b>101</b>	<b>611</b>	<b>46</b>	<b>565</b>

Table 10.2: Level 2 ventilator inventory

Level 2 Ventilator Inventory					
Fleet Type	Inventory	Unassigned	Deployed	Deployed & Out of Service	Deployed & In Service
Provincial Fleet	62	62	0	0	0
Site Fleet	328	N/A	328	23	305
<b>TOTAL</b>	<b>390</b>	<b>62</b>	<b>328</b>	<b>23</b>	<b>305</b>

Notes: Level 1 includes intensive care ventilators with the most advanced monitoring. These are mainly located within ICU departments and are the first level of ventilators used in a pandemic. Level 2 includes sub-acute intensive care ventilators, advanced transport ventilators and more advanced non-invasive ventilators capable of invasive ventilation. These are used if no intensive care ventilators are available. They are located in non-ICU ventilated units for ventilating less-complex patients. There is an additional inventory of 56 level 3 ventilators in the provincial fleet - these are basic transport, basic non-invasive or home/portable ventilators and are less ideal, with limited monitoring for pandemic use.

Site fleet includes ventilators that are owned and reside in a facility, whereas provincial fleet includes ventilators that are owned by the province and may or may not reside in a particular facility. Deployed & Out of Service units are assigned to a hospital but not currently in operation.

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**11: Home Health Monitoring (as of Nov 23/16:00)**

*Table 11: Home health monitoring*

Date	Total Actively Monitored COVID Patients	Total Patients Discharged since March 26
<b>23-Nov</b>	<b>970</b>	<b>8,450</b>
20-Nov	956	8,274
19-Nov	907	8,210
18-Nov	883	8,172
17-Nov	912	8,097
Total COVID patients monitored to date: <b>9420</b>		

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## 12: PHO Orders

**November 16, 2020:** The PHO issued an order on November 16, 2020 on [Health Authority Regulated Professionals SARS-CoV-2 Swabbing](#)

**November 16, 2020:** The PHO issued an order on November 16, 2020 on [Midwives and Certified Practice Speech Language Pathologists SARS-CoV-2 Swabbing](#).

**November 16, 2020:** The PHO issued an order on November 16, 2020 on [British Columbia Emergency Health Services SARS-CoV-2 Swabbing](#).

**November 13, 2020:** The PHO issued an order on November 13, 2020 on [COVID-19 Prevention Regional Measures](#).

**November 10, 2020:** The PHO repealed and replaced the order of October 30, 2020 on [Gatherings and Events](#).

**October 9, 2020:** The PHO repealed and replaced the order of September 18, 2020 on [Food and Liquor Serving Premises](#).

**September 16, 2020:** The PHO issued an order on [Registered Nurse and Registered Psychiatric Nurse Public Health Pharmacotherapy](#).

**August 30, 2020:** The Federal Chief PHO issued updates to the [Federal Quarantine Order](#) on minimizing the risk of exposure to COVID-19 in Canada.

**July 2, 2020:** The PHO repealed and replaced the order of April 23, 2020 on [Industrial Camps](#).

**May 29, 2020:** The PHO issued an order on [Overnight Camps for Children and Youth](#).

**May 28, 2020:** The PHO repealed and replaced the PHO oral order of March 27, 2020 and the written order of April 15, 2020 on [Vending Markets](#).

**May 14, 2020:** The PHO cancelled the order of April 16, 2020 on [Personal Services](#).

**May 14, 2020:** The PHO issued an order on [Workplace COVID-19 Safety Plans](#).

**May 7, 2020:** The PHO issued an order on [Licensed Practical Nurse SARS-CoV-2 Swabbing](#).

**April 15, 2020:** The PHO amended the order of April 10, 2020 on [Health Care Labour Adjustment](#) with respect to [Facility Staff Assignment](#).

**April 14, 2020:** The PHO amended the order of April 10, 2020 on [Health Care Labour Adjustment](#) with respect to [Travellers and Employers](#).

**April 10, 2020:** The PHO issued an order on [Health Care Labour Adjustment](#).

**March 26, 2020:** The PHO issued an order on [Information Collection from Long Term Care Facility Staff](#).

For other COVID-19 related notices and guidance please see the following:

[PHO COVID-19 Orders, Notices & Guidance](#)

[BCCDC COVID-19 Care Resources](#)

## Brown, Stephen R HLTH:EX

---

**From:** Lee, Victoria [FH] <Victoria.Lee@fraserhealth.ca>  
**Sent:** November 16, 2020 11:20 AM  
**To:** Brown, Stephen R HLTH:EX  
**Subject:** As per our discussion

**This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Date	Lab result date	Report date
13-Nov	472	279
14-Nov	428	328
15-Nov	449	757
Total	1349	1364

We're off by 15 (likely due to the differences from before the 3 days and some duplicates). We've not had this type of delay in the past between lab result date and the report date so we are investigating the underlying issues as we speak.

Thank you, Victoria

Sent from my iPad

**From:** [Henry, Bonnie HLTH:EX](#)  
**To:** [Dix, Adrian HLTH:EX](#); [Brown, Stephen R HLTH:EX](#)  
**Cc:** [van Baarsen, Amanda HLTH:EX](#)  
**Subject:** FW: Can we go with the recommended versions: Percent Positivity - This Week's Situation Report  
**Date:** November 20, 2020 11:10:06 AM  
**Attachments:** [Re\\_formatted\\_Figures\\_Mock-Up\\_Nov\\_20.pptx](#)  
**Importance:** High

---

I meant to ask you this and forgot. BCCDC would like to present the lab positivity data with and without the non-MSP billing so we can more accurately reflect the percent positivity. Attached is the way they would like to update the figures. I am in agreement with this in terms of transparency and relevance but wanted to be sure you both were aware and ok with it.

If you could let me know ASAP I would appreciate it as they would like to update the report going out today.

Thanks,  
Bonnie

Dr Bonnie Henry  
Provincial Health Officer  
Office of the PHO  
Ministry of Health  
4th floor, 1515 Blanshard St  
Mailing address: PO Box 9648, STN PROV GOVT  
Victoria, BC  
V8W 9P4  
[Bonnie.henry@gov.bc.ca](mailto:Bonnie.henry@gov.bc.ca)

Phone: s.17; s.19

I gratefully acknowledge that I live and work on the traditional unceded territory of the Lekwungen Peoples, specifically the Songhees and Esquimalt First Nations. Hay'sxw'qu Si'em

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From: Skowronski, Danuta [BCCDC] <[Danuta.Skowronski@bccdc.ca](mailto:Danuta.Skowronski@bccdc.ca)>  
Sent: November 20, 2020 11:06 AM  
To: Henry, Bonnie HLTH:EX <[Bonnie.Henry@gov.bc.ca](mailto:Bonnie.Henry@gov.bc.ca)>  
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Epidemiology Lead, Influenza & Emerging Respiratory Pathogens BC Centre for Disease Control  
Ph: 604-707-2511  
Fx: 604-707-2516

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From: Henry, Bonnie HLTH:EX [mailto:Bonnie.Henry@gov.bc.ca]

Sent: Friday, November 20, 2020 11:01 AM

To: Skowronski, Danuta [BCCDC]

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Cc: Gustafson, Reka [BCCDC]; Galanis, Eleni [BCCDC]; Sbihi, Hind [BCCDC]; Rose, Caren [BCCDC]; Ahmed, May [BCCDC]; Joffres, Yayuk [BCCDC]; Zou, Macy [BCCDC]  
Subject: Re: Percent Positivity - Addressing this in the Weekly Situation Report

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-----

Thank you Danuta,  
I will review with the Minister and Ministry and let you know.  
Bonnie

Dr Bonnie Henry  
Provincial Health Officer  
Ministry of Health  
Bonnie.henry@gov.bc.ca  
s.17; s.19

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With thanks to May, Hind, Yayuk, and Macy for their work on these figures.

Rationale and Recommendations below:

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- \* Conversely, as shown in the Figure 1 attached, percent positivity among MSP-funded specimens since week 42 has exceeded 2% (i.e. at least ten times higher), steadily increasing to 9% in week 46 (i.e. at least 45 times higher).

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Ph: 604-707-2511

Fx: 604-707-2516

# Revised Figures for Weekly Situation Report: Percent Positivity

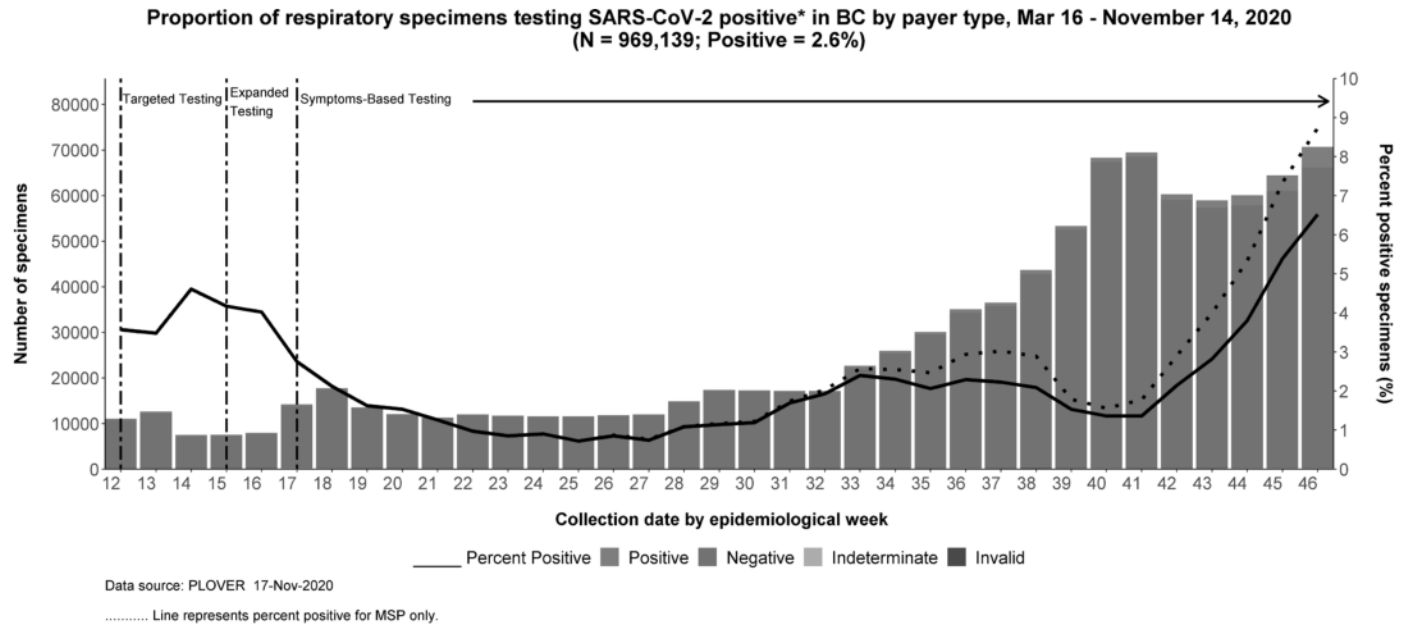
## BACKGROUND

- Compared to specimens tested for SARS-CoV-2 according to the Medical Service Plan (public) funding scheme, non-MSP funded specimens are more typically from individuals who are more likely asymptomatic (e.g. screening of those seeking travel/work or other clearance) with a lower likelihood of testing SARS-CoV-2 positive and also more likely to be repeatedly tested per week.
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Figure 1. Percent positivity by week, provincially

**Findings:** The percent positivity indicator has steadily increased since week 42 as shown whether based on all specimens tested (solid line) or with restriction to specimens tested under Medical Service Plan (MSP) funding (dotted line). MSP-funded testing is more typically symptom-based with percent positivity tending to be higher. In week 46, percent positivity among all specimens tested (solid line) was 6.5% and with restriction to MSP-funded testing was 8.7%.

**Recommendation:** display MSP-only separately as below in Figure 1 for all situation reports as of week 46 (November 20). May stratify the columns to show the number of MSP vs non-MSP contribution which has increased to 25-30% of specimens tested since week 36 but that is not necessary.



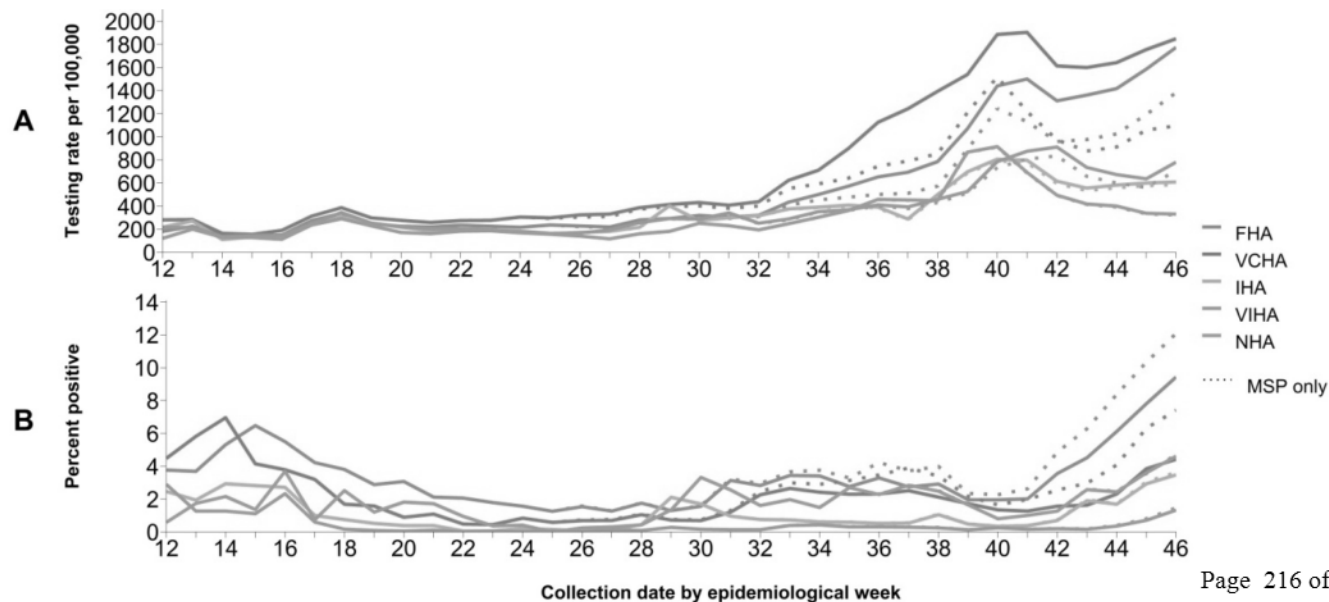
\*Non-resulted specimens, and environmental specimens are excluded.

**Figure 2. Testing rate and percent positivity by week and health authority**

**Findings:**

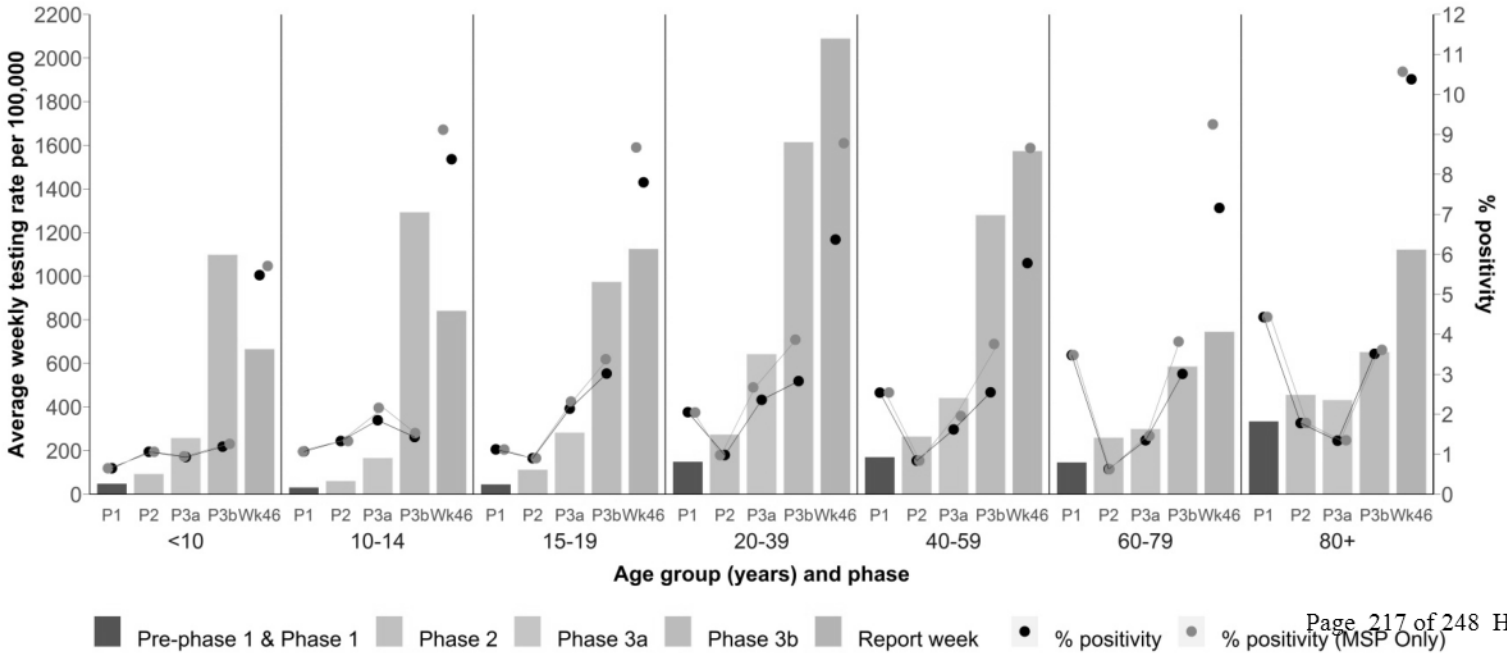
Panel A: the highest testing rates per capita provincially are in VCHA although with restriction to MSP-funded testing, the per capita testing rate is higher in FHA since week 42 (likely owing to a larger proportion of specimens tested in VCHA being non-MSP funded).

Panel B: Percent positivity is increasing since week 41 in all health authorities, highest in FHA regardless of whether the percent positivity indicator includes all specimens or is restricted to MSP-funded testing. Percent positivity in week 46 in FHA is 9% if based on all specimens but 12% with restriction to MSP only; corresponding values in VCHA are 4% and 7%. In other HAs, percent positivity indicators are not so influenced by non-MSP funded testing.



**Figure 3. Average weekly testing rates and percent positivity by phase and age group, BC**

The percent positivity indicator is substantially higher in week 46 than preceding weeks of phase 3b or phase 3a in all age groups and this is evident regardless of whether the indicator is based on all specimens (black dots) or only MSP-funded specimens (grey dots). In week 46 percent positivity is lowest in children <10 years (~6%) and highest in elderly adults 80+ years (~11%) regardless of whether based on all specimens or restricted to MSP-funded specimens. In age groups between 10-79 years, percent positivity based upon all specimens tested is highest (8%) in children 10-14 years decreasing to 6% in adults 40-59 years; whereas, percent positivity is more comparable across these age groups based upon MSP-funded testing only (9%).



**From:** [Henry, Bonnie HLTH:EX](#)  
**To:** [Dix, Adrian HLTH:EX](#)  
**Subject:** FW: Can we go with the recommended versions: Percent Positivity - This Week's Situation Report  
**Date:** November 20, 2020 1:39:33 PM  
**Attachments:** Re\_formatted\_Figures\_Mock-Up\_Nov\_20.pptx

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Provincial Health Officer  
Office of the PHO  
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4th floor, 1515 Blanshard St  
Mailing address: PO Box 9648, STN PROV GOVT  
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**Cc:** [Brown, Stephen R HLTH:EX](#)  
**Subject:** Re: Can we go with the recommended versions: Percent Positivity - This Week's Situation Report  
**Date:** November 20, 2020 12:00:30 PM

---

First I would like them to present this data to me. I believe through Steve I have been requesting this. Then we can discuss. Of course, I agree with transparency and we will get there. But this is relevant data and it would be nice to assess it for the decisions made and to be made.

Adrian

Sent from my iPad

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> Bonnie

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> Dr Bonnie Henry

> Provincial Health Officer

> Office of the PHO

> Ministry of Health

> 4th floor, 1515 Blanshard St

> Mailing address: PO Box 9648, STN PROV GOVT

> Victoria, BC

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>

> -----Original Message-----

> From: Skowronski, Danuta [BCCDC] <[Danuta.Skowronski@bccdc.ca](mailto:Danuta.Skowronski@bccdc.ca)>

> Sent: November 20, 2020 11:06 AM

> To: Henry, Bonnie HLTH:EX <[Bonnie.Henry@gov.bc.ca](mailto:Bonnie.Henry@gov.bc.ca)>

> Subject: RE: Can we go with the recommended versions: Percent Positivity - This Week's Situation Report

>

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> Attached are the three figures we have included in our regular situation report each week, with the revision to display both rates and that we hope to include in today's situation report.

>

> Best wishes,

> Danuta Skowronski MD, FRCPC

> Epidemiology Lead, Influenza & Emerging Respiratory Pathogens BC Centre for Disease Control

> Ph: 604-707-2511

> Fx: 604-707-2516

>

>

> -----Original Message-----

> From: Henry, Bonnie HLTH:EX [<mailto:Bonnie.Henry@gov.bc.ca>]

> Sent: Friday, November 20, 2020 11:01 AM

> To: Skowronski, Danuta [BCCDC]

> Subject: RE: Can we go with the recommended versions: Percent Positivity - This Week's Situation Report

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> -----

>

>

> Sorry, got sidetracked this am. Can you send me the figure again with both rates. I will ask right now.

> b

>

> Dr Bonnie Henry

> Provincial Health Officer

> Office of the PHO

> Ministry of Health

> 4th floor, 1515 Blanshard St

> Mailing address: PO Box 9648, STN PROV GOVT Victoria, BC V8W 9P4 [Bonnie.henry@gov.bc.ca](mailto:Bonnie.henry@gov.bc.ca)

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> From: Skowronski, Danuta [BCCDC] <[Danuta.Skowronski@bccdc.ca](mailto:Danuta.Skowronski@bccdc.ca)>

> Sent: November 20, 2020 10:23 AM

> To: Henry, Bonnie HLTH:EX <[Bonnie.Henry@gov.bc.ca](mailto:Bonnie.Henry@gov.bc.ca)>

> Subject: RE: Can we go with the recommended versions: Percent Positivity - This Week's Situation Report

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>  
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> From: Skowronski, Danuta [BCCDC]  
> Sent: Friday, November 20, 2020 10:18 AM  
> To: Henry, Bonnie [EXT]  
> Subject: RE: Can we go with the recommended versions: Percent Positivity - This Week's Situation Report  
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> Fx: 604-707-2516  
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> -----Original Message-----  
> From: Henry, Bonnie HLTH:EX [<mailto:Bonnie.Henry@gov.bc.ca>]  
> Sent: Thursday, November 19, 2020 7:14 PM  
> To: Skowronski, Danuta [BCCDC]  
> Subject: RE: Can we go with the recommended versions: Percent Positivity - This Week's Situation Report  
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> Sorry I have not had the opportunity to discuss with the Minister and DM. I will do that tomorrow. So if you need to finalize tonight please use the old version otherwise I will try to talk to them first thing tomorrow.  
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> Dr Bonnie Henry  
> Provincial Health Officer  
> Office of the PHO  
> Ministry of Health  
> 4th floor, 1515 Blanshard St  
> Mailing address: PO Box 9648, STN PROV GOVT Victoria, BC V8W 9P4 [Bonnie.henry@gov.bc.ca](mailto:Bonnie.henry@gov.bc.ca)  
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> From: Skowronski, Danuta [BCCDC] <Danuta.Skowronski@bccdc.ca>

> Sent: November 19, 2020 5:57 PM

> To: Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>

> Subject: Can we go with the recommended versions: Percent Positivity - This Week's Situation Report

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> Hi Bonnie -

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> I know you have tons on your mind but the team needs to know if we can go with the recommended versions of the percent positivity displays for the situation report this week.

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> We usually work on that through Thursday night and into Friday morning to have ready for Friday afternoon and they need to know in order to assemble the accompanying narrative.

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> Are you able to confirm?

>

> I am so sorry to lay this on you.

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> Best wishes,

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> -----Original Message-----

> From: Henry, Bonnie HLTH:EX [<mailto:Bonnie.Henry@gov.bc.ca>]

> Sent: Wednesday, November 18, 2020 9:05 PM

> To: Skowronski, Danuta [BCCDC]

> Cc: Gustafson, Reka [BCCDC]; Galanis, Eleni [BCCDC]; Sbihi, Hind [BCCDC]; Rose, Caren [BCCDC]; Ahmed, May [BCCDC]; Joffres, Yayuk [BCCDC]; Zou, Macy [BCCDC]

> Subject: Re: Percent Positivity - Addressing this in the Weekly Situation Report

>

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> -----

>

>

> Thank you Danuta,

> I will review with the Minister and Ministry and let you know.

> Bonnie

>

>

> Dr Bonnie Henry

> Provincial Health Officer

> Ministry of Health

> [Bonnie.henry@gov.bc.ca](mailto:Bonnie.henry@gov.bc.ca)

> s.17; s.19

>

> On Nov 18, 2020, at 4:44 PM, Skowronski, Danuta [BCCDC] <Danuta.Skowronski@bccdc.ca> wrote:

>

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>

>

> Hi Bonnie -

>

> Below and attached are the rationale and some mock up adjustments to our current situation report figures that display percent positivity.

>

> We'd like to adjust for the situation report this week if possible given the rationale below - happy to discuss with you.

>

> With thanks to May, Hind, Yayuk, and Macy for their work on these figures.

>

> Rationale and Recommendations below:

>

> \* Compared to specimens tested for SARS-CoV-2 according to the Medical Service Plan (public) funding scheme, non-MSP funded specimens are more typically from individuals who are more likely asymptomatic (e.g. screening of those seeking travel/work or other clearance) with a lower likelihood of testing SARS-CoV-2 positive and also more likely to be repeatedly tested per week.

>

> \* Non-MSP funded specimens have contributed to SARS-CoV-2 testing and percent positivity analyses since week 25. They initially comprised only a very small fraction of all specimens per week (<1%) but increased to comprise a greater share subsequently including: 5% by week 32, ~10% by week 34, and generally exceeding ~20% since week 36, ranging ~25-30% of all specimens tested since about week 42.

>

> \* Since week 25, however, percent positivity among the non-MSP specimens remained consistently very low: less than 0.2% tested positive per week.

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> \* Conversely, as shown in the Figure 1 attached, percent positivity among MSP-funded specimens since week 42 has exceeded 2% (i.e. at least ten times higher), steadily increasing to 9% in week 46 (i.e. at least 45 times higher).

>

> \* As the relative contribution by non-MSP funded specimens with very low likelihood of testing SARS-CoV-2 positive has increased, their relative impact on the overall percent positivity indicator has also increased. In particular, their inclusion increasingly influences our ability to use this indicator to evaluate the risk of SARS-CoV-2 illness in the population. I therefore recommend we foremost use the MSP funded only specimens for tracking this indicator.

>

> \* For this reason, I propose their separate presentation as illustrated in the attached adaptation of Figure 1 (percent positivity among all specimens (solid line) and MSP only specimens (dotted line), and that we rely foremost on the MSP-only specimens for percent positivity interpretation overall and in the Figures 2 and 3. I have provided the Figures 2 and 3 with dual presentation here, but I am recommending we change instead to display the percent positivity based upon MSP only specimens for Figures 2 and 3 in the situation report starting this week.

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> Danuta Skowronski MD, FRCPC

> Epidemiology Lead, Influenza & Emerging Respiratory Pathogens BC Centre for Disease Control

> Ph: 604-707-2511

> Fx: 604-707-2516

> <Re\_formatted\_Figures\_Mock-Up\_Nov\_20.pptx>

**From:** [Dix, Adrian HLTH:EX](#)  
**To:** [Henry, Bonnie HLTH:EX](#)  
**Subject:** Re: Can we go with the recommended versions: Percent Positivity - This Week's Situation Report  
**Date:** November 20, 2020 12:03:07 PM

---

I mean the data over the past couple of weeks.

Sent from my iPad

> On Nov 20, 2020, at 11:10 AM, Henry, Bonnie HLTH:EX <[Bonnie.Henry@gov.bc.ca](mailto:Bonnie.Henry@gov.bc.ca)> wrote:

>

> I meant to ask you this and forgot. BCCDC would like to present the lab positivity data with and without the non-MSP billing so we can more accurately reflect the percent positivity. Attached is the way they would like to update the figures. I am in agreement with this in terms of transparency and relevance but wanted to be sure you both were aware and ok with it.

> If you could let me know ASAP I would appreciate it as they would like to update the report going out today.

>

> Thanks,

> Bonnie

>

> Dr Bonnie Henry

> Provincial Health Officer

> Office of the PHO

> Ministry of Health

> 4th floor, 1515 Blanshard St

> Mailing address: PO Box 9648, STN PROV GOVT

> Victoria, BC

> V8W 9P4

> [Bonnie.henry@gov.bc.ca](mailto:Bonnie.henry@gov.bc.ca)

>

> Phone: s.17; s.19

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> Sent: November 20, 2020 11:06 AM

> To: Henry, Bonnie HLTH:EX <[Bonnie.Henry@gov.bc.ca](mailto:Bonnie.Henry@gov.bc.ca)>

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> Sent: Friday, November 20, 2020 11:01 AM  
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> Subject: RE: Can we go with the recommended versions: Percent Positivity - This Week's Situation Report  
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 > Thank you Danuta,  
 > I will review with the Minister and Ministry and let you know.  
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 > Bonnie.henry@gov.bc.ca  
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> Epidemiology Lead, Influenza & Emerging Respiratory Pathogens BC Centre for Disease Control

> Ph: 604-707-2511

> Fx: 604-707-2516

> <Re\_formatted\_Figures\_Mock-Up\_Nov\_20.pptx>

**From:** [van Baarsen, Amanda HLTH:EX](#)  
**To:** [Dix, Adrian HLTH:EX](#)  
**Cc:** [Yeung, Lucinda IRR:EX](#); [Szabo, Maria GCPE:EX](#); [Pham, Thuy HLTH:EX](#); [MacDonald, Alex HLTH:EX](#)  
**Subject:** FW: Preliminary COVID case/death counts Nov 23  
**Date:** November 23, 2020 12:19:11 PM

---

...Dear Bonnie and Health COVID Analytics,

Please see the preliminary COVID case and death counts based on the health authority line lists from over the weekend. **NOTE: These numbers are preliminary and are expected to change slightly as data quality issues are identified and resolved** (including de-duplication, resolving cross-health authority reports, and complete review of output).

Measures	FHA	IHA	VIHA	NHA	VCH	Out of Canada	BC_total
total_number_of_cases	17,050	1,307	494	650	7,822	93	27,416
number_of_new_cases_since_friday	1,308	104	48	62	418	2	1,942
number_of_new_cases_btwn_friday_and_saturday	488	42	16	14	156	0	716
number_of_new_cases_btwn_saturday_and_sunday	469	28	18	13	98	0	626
number_of_new_cases_btwn_sunday_and_monday	351	34	14	35	164	2	600
death	173	3	6	6	160	0	348
number_of_new_deaths_since_friday	13	0	0	0	4	0	17
number_of_new_deaths_btwn_friday_and_saturday	3	0	0	0	1	0	4
number_of_new_deaths_btwn_saturday_and_sunday	6	0	0	0	2	0	8
number_of_new_deaths_btwn_sunday_and_monday	4	0	0	0	1	0	5

**From:** [van Baarsen, Amanda HLTH:EX](#)  
**To:** [Dix, Adrian HLTH:EX](#)  
**Cc:** [Szabo, Maria GCPE:EX](#); [Yeung, Lucinda IRR:EX](#); [Pham, Thuy HLTH:EX](#); [MacDonald, Alex HLTH:EX](#)  
**Subject:** FW: November 24, 2020 COVID Update - HA Case and Outbreak Tallies  
**Date:** November 24, 2020 2:07:05 PM  
**Attachments:** [Daily HA-based report Nov 24.docx](#)

**Table 1. Reported cases by health authority of residence <sup>a,b,c</sup>**

	Health Authority of Residence <sup>c</sup>						Total N (%)
	FHA	IHA	VIHA	NHA	VCH	Out of Canada	
<b>Total number of cases <sup>a,b</sup></b>	17,724	1,356	505	678	7,992	93	28,348
Number of new cases since yesterday <sup>e</sup>	678	49	11	29	174	0	941
Number of lab-confirmed and lab-probable cases	17,590	1,312	499	641	7,902	92	28,036
Number of epi-linked probable cases <sup>b,d</sup>	134	44	6	37	90	1	312
Ever Hospitalized <sup>f</sup>	938	53	29	66	506	8	1,600 (6%)
Currently in Hospital <sup>f</sup>	166	2	2	23	90	1	284
Deaths <sup>f</sup>	178	3	6	6	165	0	358 (1%)
New deaths since yesterday <sup>e</sup>	5	0	0	0	5	0	10
Number known to be pregnant	117	7	3	7	48	0	182
Discontinued isolation <sup>g</sup>	11,167	1,050	347	519	6,438	84	19,605 (69%)
Currently active cases <sup>h</sup>	5,734	303	152	153	1,386	4	7,732 (27%)
Number of contacts under active public health monitoring <sup>i</sup>	4,774	645	549	273	4,042	0	10,283

**From:** Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>

**Sent:** November 24, 2020 2:00 PM

**To:** van Baarsen, Amanda HLTH:EX <Amanda.vanBaarsen@gov.bc.ca>; Prevost, Jean-Marc GCPE:EX <Jean-Marc.Prevost@gov.bc.ca>; 'Nicola Lambrechts' <nicola@nlkstrategies.ca>

**Subject:** FW: November 24, 2020 COVID Update - HA Case and Outbreak Tallies

*Dr Bonnie Henry*

*Provincial Health Officer*

*Office of the PHO*

*Ministry of Health*

*4<sup>th</sup> floor, 1515 Blanshard St*

*Mailing address: PO Box 9648, STN PROV GOVT*

*Victoria, BC*

*V8W 9P4*

[Bonnie.henry@gov.bc.ca](mailto:Bonnie.henry@gov.bc.ca)

Phone: **s.17: s.19**

*I gratefully acknowledge that I live and work on the traditional unceded territory of the Lekwungen Peoples, specifically the Songhees and Esquimalt First Nations. Hay'sxw'qu Si'em*

Warning: This email is intended only for the use of the individual or organization to whom it is addressed. It may contain information that is privileged or confidential. Any distribution, disclosure, copying, or other use by anyone else is strictly prohibited. If you have received this in error, please telephone or e-mail the sender immediately and delete the message.

**From:** Covid [BCCDC] <[covid@bccdc.ca](mailto:covid@bccdc.ca)>

**Sent:** November 24, 2020 1:48 PM

**To:** Henry, Bonnie HLTH:EX <[Bonnie.Henry@gov.bc.ca](mailto:Bonnie.Henry@gov.bc.ca)>; HLTH COVIDAnalytics HLTH:EX <[HLTH.COVIDAnalytics@gov.bc.ca](mailto:HLTH.COVIDAnalytics@gov.bc.ca)>

**Cc:** [\\_BCCDC\\_COVID\\_tallies\\_cc <\\_BCCDC\\_COVID\\_tallies\\_cc@bccdc.ca>](#)

**Subject:** RE: November 24, 2020 COVID Update - HA Case and Outbreak Tallies

**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Please find attached the daily case and outbreak tallies. These data are confidential and embargoed until after 4PM.

Please note: Tables 6 and 7 are missing the numbers of cases and deaths in the outbreaks. We have noted deceases in



these numbers based on the health authorities' line lists and are still investigating these.

Thank you to the epidemiologists in each HA for providing their data in support of this daily summary, and to May Ahmed for compiling.

Please contact me directly ([samara.david@bccdc.ca](mailto:samara.david@bccdc.ca)) if you have any questions.

Thank you,

Samara

---

**Samara David, MHSc**

Epidemiologist

Tel 604.707.2524, Fax 604.707.2515

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**From:** Covid [BCCDC]**Sent:** Tuesday, November 24, 2020 12:14 PM**To:** Henry, Bonnie [EXT]; [HLTH.COVIDAnalytics@gov.bc.ca](mailto:HLTH.COVIDAnalytics@gov.bc.ca); David, Samara [BCCDC]**Cc:** [\\_BCCDC\\_COVID\\_Epis](#)**Subject:** November 24, 2020 COVID Update - HA Case and Outbreak Tallies - Table 1

Please find attached the daily case and outbreak tallies – Table 1 only. These data are confidential and embargoed until after 4PM. This report will be re-issued when the report is completed.

Thank you to the epidemiologists in each HA for providing their data in support of this daily summary, and to May Ahmed for compiling.

Please contact me directly ([samara.david@bccdc.ca](mailto:samara.david@bccdc.ca)) if you have any questions.

Thank you,

Samara

---

**Samara David, MHSc**

Epidemiologist

Communicable Diseases & Immunization Service

BC Centre for Disease Control

Provincial Health Services Authority

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# BC Centre for Disease Control

## Provincial Health Services Authority

November 24, 2020: COVID-19 cases and outbreaks reported by Health Authorities to BCCDC by 10am  
Data is confidential and embargoed until 4pm on current day

### Reported Cases

- 941 new cases have been reported since yesterday
  - There are no new epi-linked cases reported since yesterday

**Table 1. Reported cases by health authority of residence <sup>a,b,c</sup>**

	Health Authority of Residence <sup>c</sup>						Total N (%)
	FHA	IHA	VIHA	NHA	VCH	Out of Canada	
Total number of cases <sup>a,b</sup>	17,724	1,356	505	678	7,992	93	28,348
Number of new cases since yesterday <sup>e</sup>	678	49	11	29	174	0	941
Number of lab-confirmed and lab-probable cases	17,590	1,312	499	641	7,902	92	28,036
Number of epi-linked probable cases <sup>b,d</sup>	134	44	6	37	90	1	312
Ever Hospitalized <sup>f</sup>	938	53	29	66	506	8	1,600 (6%)
Currently in Hospital <sup>f</sup>	166	2	2	23	90	1	284
Deaths <sup>f</sup>	178	3	6	6	165	0	358 (1%)
New deaths since yesterday <sup>e</sup>	5	0	0	0	5	0	10
Number known to be pregnant	117	7	3	7	48	0	182
Discontinued isolation <sup>g</sup>	11,167	1,050	347	519	6,438	84	19,605 (69%)
Currently active cases <sup>h</sup>	5,734	303	152	153	1,386	4	7,732 (27%)
Number of contacts under active public health monitoring <sup>i</sup>	4,774	645	549	273	4,042	0	10,283

- a. Total COVID-19 cases includes lab-confirmed, lab-probable and epi-linked cases. Case definitions can be found at: [http://www.bccdc.ca/health-professionals/clinical-resources/case-definitions/covid-19-\(novel-coronavirus\)](http://www.bccdc.ca/health-professionals/clinical-resources/case-definitions/covid-19-(novel-coronavirus)). As of July 3, residents of other Canadian provinces/territories are reported by their provinces/territories of residence.
- b. Epi-linked cases reported on or after May 19, 2020 are included.
- c. As of July 9, cases are reported by health authority of residence. When health authority of residence is not available, cases are assigned to the health authority reporting the case. Cases whose primary residence is outside of Canada are reported as "Out of Canada". Previously, cases were assigned to the health authority that reported the case. Please note that the health authority of residence and the health authority reporting the case do not necessarily indicate the location of exposure or transmission.
- d. Epi-linked case counts may decrease if cases are tested and meet a different case classification.
- e. "New" cases and deaths reflect the difference in counts reported to the BCCDC between one day and the next as of 10am (net new). This may not be equal to the number of cases/deaths by date reported to HAs, as: (1) cases/deaths reported prior to 10am would be included as new cases/deaths in the current day's count and cases reported after 10am would be included in the next day's count; (2) there may be some delays between cases/deaths being reported to HAs and then reported to BCCDC; and (3) cases may be attributed to different health authorities or may be excluded from case counts as new information is obtained.
- f. Serious outcome (e.g. hospitalization, death) tallies may be incomplete or out of date (i.e. under-estimates) owing to the timing and processes for case status update.
- g. Self-isolation has been discontinued per the criteria outlined in the BC guidelines for public health management of COVID-19: [http://www.bccdc.ca/resource-gallery/Documents/Guidelines%20and%20Forms/Guidelines%20and%20Manuals/Epid/CD%20Manual/Chapter%201%20-%20CDC/2019-nCoV-Interim\\_Guidelines.pdf](http://www.bccdc.ca/resource-gallery/Documents/Guidelines%20and%20Forms/Guidelines%20and%20Manuals/Epid/CD%20Manual/Chapter%201%20-%20CDC/2019-nCoV-Interim_Guidelines.pdf)
- h. Active cases exclude those who have died, discontinued isolation or been lost to follow up (n =653).
- i. This represents the number of contacts being managed on this date as reported in aggregate by each health authority.

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# BC Centre for Disease Control

## Provincial Health Services Authority

November 24, 2020: COVID-19 cases and outbreaks reported by Health Authorities to BCCDC by 10am  
Data is confidential and embargoed until 4pm on current day

**Table 2. Outbreaks newly declared since last report <sup>a</sup>**

	Facility Name	Type of Facility	HA Reporting	Date Outbreak Declared	Total number of cases	Total number of deaths	Number of resident/student cases	Number of resident/student deaths	Number of staff/other cases	Number of staff deaths	Number of unknown cases	Number of unknown deaths
1	Little Mountain Place 2	Long term care facility	VCH	11/22/2020	1	0	1	0	0	0	0	0
2	Valley Haven Care Home	Long term care facility	FHA	11/23/2020	2	0	0	0	2	0	0	0

**Table 3. Outbreaks declared over since last report <sup>a</sup>**

	Facility Name	Type of Facility	HA Reporting	Date Outbreak Declared	Date Declared Over	Total number of cases	Total number of deaths	Number of resident/student cases	Number of resident/student deaths	Number of staff/other cases	Number of staff/other deaths	Number of unknown cases	Number of unknown deaths
1	Capella Dance Academy	Other	FHA	11/2/2020	11/24/2020	48	0	43	0	5	0	0	0
2	Dania Home 2	Long term care facility	FHA	11/11/2020	11/23/2020	2	0	0	0	2	0	0	0
3	Fraserview Intermediate Care Lodge	Long term care facility	VCH	11/8/2020	11/23/2020	3	0	0	0	3	0	0	0
4	Platinum Athletic Club	Other	FHA	11/13/2020	11/24/2020	55	0	0	0	55	0	0	0
5	Suncreek Village	Long term care facility	FHA	11/5/2020	11/23/2020	2	0	0	0	2	0	0	0
6	The Harrison at Elim Village 2	Long term care facility	FHA	11/10/2020	11/23/2020	1	0	0	0	1	0	0	0

a. Cases include lab-confirmed, lab-probable and epi-linked cases. Case definitions can be found at: [http://www.bccdc.ca/health-professionals/clinical-resources/case-definitions/covid-19-\(novel-coronavirus\)](http://www.bccdc.ca/health-professionals/clinical-resources/case-definitions/covid-19-(novel-coronavirus)). As of July 3, residents of other Canadian provinces/territories are reported by their provinces/territories of residence.

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# BC Centre for Disease Control

Provincial Health Services Authority

November 24, 2020: COVID-19 cases and outbreaks reported by Health Authorities to BCCDC by 10am  
Data is confidential and embargoed until 4pm on current day

**Table 4. Active reported outbreaks in care facilities**

	Facility Name	Type of Facility	HA Reporting	Date Outbreak Declared
1	Valley Haven Care Home	Long term care facility	FHA	11/23/2020
2	Little Mountain Place 2	Long term care facility	VCH	11/22/2020
3	North Peace Seniors Housing	Independent living	NHA	11/22/2020
4	Queen's Park Care Centre 2	Long term care facility	FHA	11/22/2020
5	CareLife Fleetwood 2	Long term care facility	FHA	11/20/2020
6	Lions Gate Hospital 2 <sup>a</sup>	Acute care facility	VCH	11/20/2020
7	Sunset Manor 2	Assisted living	FHA	11/20/2020
8	Agecare Harmony Court Care Centre LTC	Long term care facility	FHA	11/19/2020
9	Burnaby Hospital 2B	Acute care facility	FHA	11/19/2020
10	Discovery Harbour Care	Long term care facility	VIHA	11/19/2020
11	Cottage-Worthington Pavilion	Long term care facility	FHA	11/18/2020
12	Langley Memorial Hospital – LTC 2	Long term care facility	FHA	11/18/2020
13	Orchard Manor	Long term care facility	IHA	11/18/2020
14	Renfrew Care Centre	Long term care facility	VCH	11/18/2020
15	Royal Columbian Hospital T5N	Acute care facility	FHA	11/18/2020
16	The Residence at Clayton Heights 2	Long term care facility	FHA	11/18/2020
17	Windermere Care Centre 2	Long term care facility	VCH	11/18/2020
18	Agecare Harmony Court Estates	Independent living	FHA	11/17/2020
19	Burnaby Hospital 3B	Acute care facility	FHA	11/17/2020
20	Burnaby Hospital 4BA	Acute care facility	FHA	11/17/2020
21	Burnaby Hospital 5A	Acute care facility	FHA	11/17/2020
22	Menno Home	Independent living	FHA	11/17/2020
23	Surrey Memorial Hospital 5W 2	Acute care facility	FHA	11/17/2020
24	Burnaby Hospital 2C	Acute care facility	FHA	11/16/2020
25	Rainbow Gardens	Long term care facility	VIHA	11/16/2020
26	Youville Residence	Long term care facility	VCH	11/16/2020
27	Burnaby Hospital BH-3C 2	Acute care facility	FHA	11/15/2020
28	Hamlets at Westsyde	Long term care facility	IHA	11/14/2020
29	PICS Assisted Living 3	Assisted living	FHA	11/14/2020
30	Village by the Station	Long term care facility	IHA	11/14/2020
31	George Derby Centre 2	Long term care facility	FHA	11/13/2020
32	Jackman Manor	Long term care facility	FHA	11/13/2020
33	Kiwanis Care Centre	Long term care facility	FHA	11/13/2020
34	Sun Pointe Village	Long term care facility	IHA	11/13/2020
35	Arbutus Care Centre 2	Long term care facility	VCH	11/12/2020
36	Columbus Residence	Long term care facility	VCH	11/12/2020
37	Dr. Al Hogg Pavilion 2	Long term care facility	FHA	11/12/2020
38	Finnish Manor	Long term care facility	FHA	11/11/2020
39	Holy Family Hospital 4	Long term care facility	VCH	11/10/2020
40	Peace Portal Seniors Village 2	Long term care facility	FHA	11/10/2020
41	Burnaby Hospital 2A	Acute care facility	FHA	11/9/2020
42	Capilano Care Centre	Long term care facility	VCH	11/9/2020
43	Holyrood Manor	Long term care facility	FHA	11/9/2020
44	Langley Gardens LTC	Long term care facility	FHA	11/9/2020
45	Harrison Pointe	Assisted living	FHA	11/8/2020
46	The Residence, Mission	Long term care facility	FHA	11/6/2020
47	Fellburn Care Center - PATH unit	Acute care facility	FHA	11/5/2020
48	Fort Langley Seniors Community 2	Long term care facility	FHA	11/5/2020
49	Langley Memorial Hospital - LM-4SC	Acute care facility	FHA	11/5/2020

November 24, 2020: COVID-19 cases and outbreaks reported by Health Authorities to BCCDC by 10am  
Data is confidential and embargoed until 4pm on current day

	Facility Name	Type of Facility	HA Reporting	Date Outbreak Declared
50	Northcrest Care Centre	Long term care facility	FHA	11/5/2020
51	Ridge Meadows Hospital - RM-AM Rehab 2	Acute care facility	FHA	11/5/2020
52	Tabor Home 2	Long term care facility	FHA	11/4/2020
53	Hawthorne Seniors Care Community - LTC	Long term care facility	FHA	11/3/2020
54	White Rock Seniors Village 2	Long term care facility	FHA	11/3/2020
55	Belvedere Care Centre	Long term care facility	FHA	11/2/2020
56	Rotary Manor	Long term care facility	NHA	11/2/2020
57	Good Samaritan Delta View Care Centre 2	Long term care facility	FHA	11/1/2020
58	Hawthorne Seniors Care Community	Assisted living	FHA	10/29/2020
59	Fellburn Care Center	Long term care facility	FHA	10/26/2020
60	Louis Brier Home and Hospital	Long term care facility	VCH	10/26/2020
61	Agassiz Seniors Community	Long term care facility	FHA	10/24/2020
62	Amenida Seniors Community	Independent living	FHA	10/24/2020
63	Banfield Pavilion - 4th Floor West	Long term care facility	VCH	10/23/2020
64	Laurel Place	Long term care facility	FHA	10/22/2020
65	Three Links Care Centre	Long term care facility	VCH	10/21/2020
66	Royal Arch Masonic Home 3	Long term care facility	VCH	10/18/2020

a. Lions Gate Hospital 2 was previously named as Lions Gate Hospital 4W in the last report.

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November 24, 2020: COVID-19 cases and outbreaks reported by Health Authorities to BCCDC by 10am  
Data is confidential and embargoed until 4pm on current day

Table 5. Active reported outbreaks in other settings

	Facility Name	Type of Facility	HA Reporting	Date Outbreak Declared
1	LNG Kitimat	Workplace not otherwise specified	Provincial	11/19/2020
2	Cambridge Elementary School	School or daycare	FHA	11/14/2020
3	RIH Construction Site	Workplace not otherwise specified	IHA	11/5/2020
4	Seymour Pacific Developments Worksite (MB)	Workplace with communal living	Provincial	11/2/2020
5	CNRL Albion Oil Sands (AB)	Workplace with communal living	Provincial	10/30/2020
6	Big Horn Hotel, Watson Lake (YT)	Other	Provincial	10/23/2020
7	Suncor Firebag Oil Sands (AB)	Workplace with communal living	Provincial	10/22/2020
8	CNRL Horizon Oil Sands (AB)	Workplace with communal living	Provincial	10/10/2020
9	MSJ Distribution at Valhalla Distribution	Workplace not otherwise specified	FHA	10/2/2020

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November 24, 2020: COVID-19 cases and outbreaks reported by Health Authorities to BCCDC by 10am  
Data is confidential and embargoed until 4pm on current day

Table 6. Summary of outbreaks in care facilities <sup>a,b</sup>

Outbreak Characteristic	Outbreak Status		Total
	Declared Over	Currently Active	
Number of Outbreaks by Setting			
Acute care facility	20	13	33
Assisted living	10	4	14
Group home (community living)	2	0	2
Independent living	6	4	10
Long term care facility	84	45	129
Other residential facility type	1	0	1
Total	123	66	189
Number of Outbreaks by Health Authority			
Fraser	81	45	126
Interior	4	4	8
Northern	0	2	2
Vancouver Coastal	37	13	50
Vancouver Island	1	2	3
Total	123	66	189

a. Data are compiled from line lists provided by Health Authorities and is current as of 10am on the date of this report.  
b. Cases include lab-confirmed, lab-probable and epi-linked cases. Case definitions can be found at: [http://www.bccdc.ca/health-professionals/clinical-resources/case-definitions/covid-19-\(novel-coronavirus\)](http://www.bccdc.ca/health-professionals/clinical-resources/case-definitions/covid-19-(novel-coronavirus)). As of July 3, residents of other Canadian provinces/territories are reported by their provinces/territories of residence.

Continued on next page

November 24, 2020: COVID-19 cases and outbreaks reported by Health Authorities to BCCDC by 10am  
Data is confidential and embargoed until 4pm on current day

Table 7. Summary of outbreaks in other settings <sup>a,b</sup>

Outbreak Characteristic	Outbreak Status		Total
	Declared Over	Currently Active	
Number of Outbreaks by Setting			
Conference	1	0	1
Correctional facility	3	0	3
Religious institution	1	0	1
School or daycare	1	1	2
Shelter	1	0	1
Workplace not otherwise specified	15	3	18
Workplace with communal living	3	4	7
Other	3	1	4
Total	28	9	37
Number of Outbreaks by Health Authority			
Fraser	15	2	17
Interior	9	1	10
Vancouver Coastal	1	0	1
Provincial	3	6	9
Total	28	9	37

- a. Data are compiled from line lists provided by Health Authorities and is current as of 10am on the date of this report.
- b. Cases include lab-confirmed, lab-probable and epi-linked cases. Case definitions can be found at: [http://www.bccdc.ca/health-professionals/clinical-resources/case-definitions/covid-19-\(novel-coronavirus\)](http://www.bccdc.ca/health-professionals/clinical-resources/case-definitions/covid-19-(novel-coronavirus)). As of July 3, residents of other Canadian provinces/territories are reported by their provinces/territories of residence.

Table 8. New deaths since last report <sup>a,b</sup>

Count of Deaths	Part of Reported Outbreak	Outbreak Details		
		Facility Name	Type of Facility	HA Reporting
1	Yes	Capilano Care Centre	Long term care facility	VCH
1	Yes	Columbus Residence	Long term care facility	VCH
1	Yes	Finnish Manor	Long term care facility	FHA
1	Yes	Good Samaritan Delta View Care Centre 2	Long term care facility	FHA
2	Yes	Lions Gate Hospital 2	Acute care facility	VCH
1	Yes	Northcrest Care Centre	Long term care facility	FHA
5	No	-	-	-

- a. Data are compiled from line lists provided by Health Authorities and is current as of 10am on the date of this report.
- b. Cases include lab-confirmed, lab-probable and epi-linked cases. Case definitions can be found at: [http://www.bccdc.ca/health-professionals/clinical-resources/case-definitions/covid-19-\(novel-coronavirus\)](http://www.bccdc.ca/health-professionals/clinical-resources/case-definitions/covid-19-(novel-coronavirus)). As of July 3, residents of other Canadian provinces/territories are reported by their provinces/territories of residence.
- c. 2 previously reported deaths have been linked to facilities today.



**From:** [XT:Lambrechts, Nicola GCPE:IN](#)  
**To:** [Henry, Bonnie HLTH:EX](#); [Dix, Adrian HLTH:EX](#)  
**Cc:** [Prevost, Jean-Marc GCPE:EX](#); [van Baarsen, Amanda HLTH:EX](#); [Lawrie, Hannah GCPE:EX](#)  
**Subject:** Today's draft statement - Nov 24  
**Date:** November 24, 2020 2:19:29 PM  
**Attachments:** [ST Covid Nov 24 \(215pm\).docx](#)

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**[EXTERNAL] This email came from an external source. Only open attachments or links that you are expecting from a known sender.**

Good afternoon,

Attached please find the draft statement for review and approval. It was flagged that there may be a data correction with some of the Fraser Health #'s. I have put a placeholder in just in case. Have also put a placeholder in for the PSSG order.

Thank you,  
Nicola

---

Nicola Lambrechts  
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## STATEMENT

For Immediate Release  
November 24, 2020

Ministry of Health  
Office of the Provincial Health Officer

### **Joint statement on Province of British Columbia COVID-19 response and latest updates**

VICTORIA—Dr. Bonnie Henry, B.C.'s provincial health officer and Adrian Dix, Minister of Health, have issued the following joint statement regarding updates on the novel coronavirus (COVID-19) response in British Columbia:

"Today, we are reporting 941 new cases of COVID-19 in the last 24 hours for a total of 28,348 cases in British Columbia.

"There are 7,732 active cases of COVID-19 in the province. There are 284 individuals currently hospitalized with COVID-19, 61 of whom are in intensive care. The remaining people with COVID-19 are recovering at home in self-isolation.

"Currently, 10,283 people are under active public health monitoring as a result of identified exposure to known cases and 19,605 people who tested positive have recovered.

"Since we last reported, we have had 174 new cases of COVID-19 in the Vancouver Coastal Health region, 678 in the Fraser Health region, 11 in the Island Health region, 49 in the Interior Health region, 29 in the Northern Health region and no new cases with people who reside outside of Canada.

s.13

"There have been 10 new COVID-19 related deaths, for a total of 358 deaths in British Columbia. We offer our condolences to everyone who has lost their loved ones during the COVID-19 pandemic.

"We have two new health-care facility outbreaks at Valley Haven Care Home and Little Mountain Place and the outbreak at Fraserview Intermediate Care Lodge has been declared over. There have been no new community outbreaks.

"BC's health-care workers are in our labs and hospitals, at our testing sites and in our communities. These people are our health-care system; they are there to support all of us without question and without pause, and we need to show that same support to them by all of us doing our part.

"We need to slow the spread of COVID-19 in our province and that needs to happen now. That is why we have paused all gatherings, events and indoor group fitness activities.

"That is also why everyone – every person young and old – needs to pause your social interactions and increase your layers of protection and stay within your local community as much as possible.

“We need to ease the pressure to allow us to get over this next hurdle, and importantly, give us the ability to once again enjoy those things that are important to all of us.

s.13

“Let’s remember that every case of COVID-19 is a person who requires support and care, who may become severely ill and need to be in hospital, and whose family will experience the stress, emotional burden and for some, the tragedy that has come with this virus.

“Let’s step up our efforts to protect our families, friends and neighbours, and the time to do that is right now.”

### **Learn More:**

For more details on the November 19 orders, please visit: [www.gov.bc.ca/covid19](http://www.gov.bc.ca/covid19)

November 12 modeling update:

<http://www.bccdc.ca/health-info/diseases-conditions/covid-19/modelling-projections>

For the PHO's orders, visit:

<https://www2.gov.bc.ca/gov/content/health/about-bc-s-health-care-system/office-of-the-provincial-health-officer/current-health-topics/covid-19-novel-coronavirus>

To see a map of COVID-19 cases by local health area, visit: <http://www.bccdc.ca/health-info/diseases-conditions/covid-19/data>

If you are experiencing symptoms, find a collection centre near you to get tested: <http://www.bccdc.ca/health-info/diseases-conditions/covid-19/testing>

For mental health and anxiety support, visit: [www.bouncebackbc.ca](http://www.bouncebackbc.ca)

Or: [www.anxietycanada.com](http://www.anxietycanada.com)

For a listing of the community exposure events, go to:

BCCDC (flights, work sites, etc): <http://www.bccdc.ca/health-info/diseases-conditions/covid-19/public-exposures>

Fraser Health: [fraserhealth.ca/covid19exposure](http://fraserhealth.ca/covid19exposure)

Interior Health: <https://news.interiorhealth.ca/news/public-exposures/>

Island Health: <https://www.islandhealth.ca/learn-about-health/covid-19/outbreaks-and-exposures>

Northern Health: <https://www.northernhealth.ca/health-topics/outbreaks-and-exposures>

Vancouver Coastal: <http://www.vch.ca/covid-19/public-exposures>

For the latest medical updates, including case counts, prevention, risks and testing, visit: <http://www.bccdc.ca/> or follow @CDCofBC on Twitter.

For non-health related information, including financial, child care and education supports, travel, transportation and essential service information, visit: [www.gov.bc.ca/covid19](http://www.gov.bc.ca/covid19)  
Or call 1 888 COVID19 (1 888 268-4319) between 7:30 a.m. and 8 p.m. (Pacific time), seven days a week.

For the latest videos and livestreaming of COVID-19 media availabilities, visit:

Facebook: [www.facebook.com/BCProvincialGovernment/](https://www.facebook.com/BCProvincialGovernment/)

Twitter: <https://twitter.com/BCGovNews>

YouTube: [www.youtube.com/ProvinceofBC](https://www.youtube.com/ProvinceofBC)

**Media contact:** Ministry of Health Communications  
250 952-1887 (media line)

Backgrounder follows.

# BACKGROUND

## **Assisted living, long-term care homes and seniors' rental buildings with COVID-19 outbreaks**

### Vancouver Coastal Health – 12 facilities

- Arbutus Care Centre (second occurrence)
- Banfield Pavilion
- Capilano Care Centre
- Columbus Residence
- Holy Family Hospital (fourth occurrence)
- Little Mountain Place (second occurrence)
- Louis Brier Home & Hospital
- Renfrew Care Centre
- Royal Arch Masonic Home (second occurrence)
- Three Links Care Centre
- Windermere Care Centre
- Youville Residence

### Fraser Health – 32 facilities

- Agassiz Seniors Community
- Agecare Harmony Court Care Centre
- Agecare Harmony Court Estates
- Al Hogg Pavilion (second occurrence)
- Amenida Seniors Community
- Belvedere Care Centre
- Care Life Fleetwood (second occurrence)
- Chartwell Langley Gardens (second occurrence)
- Cottage-Worthington Pavilion
- Fellburn Care Centre
- Finnish Manor
- Fort Langley Seniors Community
- George Derby Centre (second occurrence)
- Good Samaritan Delta View Care Centre
- Harrison Pointe
- Hawthorne Senior Care Community – assisted living
- Hawthorne Seniors Care Community – long-term care
- Holyrood Manor
- Jackman Manor
- Kiwanis Care Centre
- Laurel Place
- Menno Home
- Northcrest Care Centre

- Peace Portal Seniors Village (second occurrence)
- PICS Assisted Living (third occurrence)
- Queen's Park Care Centre
- Sunset Manor (second occurrence)
- Tabor Home (second occurrence)
- The Residence at Clayton Heights
- The Residence in Mission
- White Rock Senior Village (second occurrence)
- **Valley Haven Care Home**

Northern Health – two facilities

- North Peace Seniors Housing Society
- Rotary Manor Dawson Creek

Interior Health – four facilities

- Hamlets at Westsyde
- Orchard Manor
- Sun Pointe Village
- Village by the Station

Island Health – two facilities

- Discovery Harbour Care
- Tsawaayuss-Rainbow Gardens

**Acute Care Facilities with COVID-19 outbreaks**

- Burnaby Hospital
- Langley Memorial Hospital
- **Lions Gate Hospital**
- Ridge Meadows Hospital
- Surrey Memorial Hospital
- Royal Columbian Hospital