

Fwd: CORRECTION RE: March 17 BC COVID Surveillance Report

From: Corneil, Trevor HLTH:EX <Trevor.Corneil@gov.bc.ca>
To: Carroll, Jonathan C HLTH:EX <Jonathan.Carroll@gov.bc.ca>
Sent: March 17, 2020 9:46:26 PM PDT
Received: March 17, 2020 9:46:29 PM PDT
Attachments: BC_Surveillance_Summary_March_17_2020V2.pdf, ATT00001.htm

Best,
Trevor

Trevor Corneil MD FCFP FRCPC
Medical Director | COVID-19 Response
Office of PHO | MOH | Gov BC
Mobile: 17

Begin forwarded message:

From: "Skowronski, Danuta [BCCDC]"
Date: March 17, 2020 at 18:35:10 PDT
To: "Skowronski, Danuta [BCCDC]"
Cc: "Ahmed, May [BCCDC]", "XT:HLTH David, Samara", "XT:Taylor, Marsha HLTH:IN"
Subject: CORRECTION RE: March 17 BC COVID Surveillance Report

****This message sent to BC MHOs, Medical Microbiologists, Epidemiologists, BCCDC EOC and other select BCCDC recipients****

Colleagues –

An error was noted in the version of the March 17 surveillance report distributed earlier this evening.
Please replace with the corrected version (V2) attached.

With thanks -

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

From: Skowronski, Danuta [BCCDC]
Sent: Tuesday, March 17, 2020 6:10 PM
To: Skowronski, Danuta [BCCDC]
Cc: Ahmed, May [BCCDC]; David, Samara [BCCDC]; Taylor, Marsha [BCCDC]
Subject: March 17 BC COVID Surveillance Report

****This message sent to BC MHOs, Medical Microbiologists, Epidemiologists, BCCDC EOC and other select BCCDC recipients****

Attached is the March 17, 2020 version of the daily COVID-19 surveillance report for BC.

With thanks to contributing health authorities and the BCCDC epidemiologists and surveillance analysts who assembled this 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

British Columbia COVID-19 Daily Situation report, March 17, 2020

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Re: Update

From: Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>
To: XT:Taylor, Marsha HLTH:IN
Cc: XT:HLTH Galanis, Eleni, XT:HLTH David, Samara, Ahmed, May [BCCDC], Skowronski, Danuta [BCCDC]
Sent: March 16, 2020 10:25:20 AM PDT

We are going to announce 30 cases today (103 total) FYI as Island needed us to indicate they had 7 new cases. So the numbers will need to be reconciled for tomorrow. Sorry 😊

B

Dr Bonnie Henry
Provincial Health Officer
Ministry of Health
Bonnie.henry@gov.bc.ca

s.17; s.19

On Mar 16, 2020, at 10:16 AM, Taylor, Marsha [BCCDC] <Marsha.Taylor@bccdc.ca> wrote:

Hi Bonnie-

The Island did have a new case reported yesterday in the summary so that might be the case they are referring to?

For the IHA case-the case reported on Saturday had not been confirmed as of yesterday so is not included and neither is the one reported this morning.

In the table we have been capturing only confirmed cases.

If it would be helpful for me to call you, please let me know.

Marsha

Marsha Taylor
Epidemiologist
BC Centre for Disease Control
655 W 12 Ave, Vancouver, BC
604-707-2544
Marsha.taylor@bccdc.ca

From: Henry, Bonnie HLTH:EX [mailto:Bonnie.Henry@gov.bc.ca]
Sent: Monday, March 16, 2020 10:09 AM
To: Galanis, Eleni [BCCDC]
Cc: David, Samara [BCCDC]; Taylor, Marsha [BCCDC]; Ahmed, May [BCCDC]; Skowronski, Danuta [BCCDC]
Subject: RE: Update
Importance: High

I know we are moving to using the day previous numbers but Island health and Interior have asked we report the numbers from their HA today. I am not clear if any of the VIHA or IH numbers are included in the 96? Could you let me know asap?

Thanks

B

*Dr Bonnie Henry
Provincial Health Officer
Office of the PHO
Ministry of Health
British Columbia*

s.17; s.19

From: Galanis, Eleni [BCCDC] [mailto:Eleni.Galanis@bccdc.ca]
Sent: March 16, 2020 8:54 AM
To: Daly, Patty [VCH]
Cc: Henry, Bonnie HLTH:EX; XT:HLTH David, Samara; XT:Taylor, Marsha HLTH:IN; Ahmed, May [BCCDC]; Skowronski, Danuta [BCCDC]
Subject: RE: Update

Thanks Patty.

From: Daly, Patty [VCH]
Sent: Monday, March 16, 2020 8:48 AM
To: Daly, Patty [VCH]
Cc: Galanis, Eleni [BCCDC]
Subject: RE: Update
Importance: High

Urgent update – all 4 deaths at Lynn Valley Care facility now confirmed as positive for COVID so you can announce 4 deaths

Patricia Daly MD, FRCPC
Vice-President, Public Health and Chief Medical Health Officer
Vancouver Coastal Health
#800-601 West Broadway
Vancouver, BC V5Z 4C2
Phone: 604-675-3924
Fax: 604-731-2756
E-mail: Patricia.Daly@vch.ca

Assistant: Erika Bell
Phone: 604-675-3918
E-mail: Erika.Bell@vch.ca

From: Daly, Patty [VCH]
Sent: Monday, March 16, 2020 6:26 AM
To: Henry, Bonnie [EXT]
Subject: Fwd: Update

Patty

Begin forwarded message:

From: "Daly, Patty [VCH]" <Patricia.Daly@vch.ca>
Date: March 16, 2020 at 12:38:36 AM PDT
To: "Henry, Bonnie [BCCDC]" <Bonnie.Henry@bccdc.ca>
Cc: "Galanis, Eleni [BCCDC]" <Eleni.Galanis@bccdc.ca>, "Harding, John

[VCH]" <John.Harding@vch.ca>, "Dawar, Meena [VCH]"
<Meena.Dawar@vch.ca>, "Schwandt, Michael [VCH]"
<michael.schwandt@vch.ca>, "Gustafson, Reka [VCH]"
<Reka.Gustafson@vch.ca>

Subject: Update

For the update tomorrow:

Lynn Valley Care Home:

4 deaths total (you have announced one previously).

-2 lab confirmed

-2 pending lab confirmation but one suspected before death

Hollyburn - still only 1 lab confirmed resident no deaths

Hospitalized:

-5 patients in ICU across VCH (4 are returning travellers, one a community case)

-Of these 5, 3 are ventilated, all travel-related

-one other hospitalized case (community)

Patty

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CORRECTION RE: March 17 BC COVID Surveillance Report

From: Skowronski, Danuta [BCCDC] <Danuta.Skowronski@bccdc.ca>
To: Skowronski, Danuta [BCCDC] <Danuta.Skowronski@bccdc.ca>
Cc: Ahmed, May [BCCDC] <may.ahmed@bccdc.ca>, David, Samara [BCCDC] <Samara.David@bccdc.ca>, Taylor, Marsha [BCCDC] <Marsha.Taylor@bccdc.ca>, XT:HLTH David, Samara, XT:Taylor, Marsha HLTH:IN
Sent: March 17, 2020 6:34:58 PM PDT
Attachments: BC_Surveillance_Summary_March_17_2020V2.pdf
This message sent to BC MHOs, Medical Microbiologists, Epidemiologists, BCCDC EOC and other select BCCDC recipients

Colleagues –

An error was noted in the version of the March 17 surveillance report distributed earlier this evening.

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With thanks -

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

From: Skowronski, Danuta [BCCDC]
Sent: Tuesday, March 17, 2020 6:10 PM
To: Skowronski, Danuta [BCCDC]
Cc: Ahmed, May [BCCDC]; David, Samara [BCCDC]; Taylor, Marsha [BCCDC]
Subject: March 17 BC COVID Surveillance Report

This message sent to BC MHOs, Medical Microbiologists, Epidemiologists, BCCDC EOC and other select BCCDC recipients

Attached is the March 17, 2020 version of the daily COVID-19 surveillance report for BC.

With thanks to contributing health authorities and the BCCDC epidemiologists and surveillance analysts who assembled this 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

British Columbia COVID-19 Daily Situation report, March 17, 2020

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COVID Update - HA based Tallies for Press Briefing

From: Skowronski, Danuta [BCCDC] <Danuta.Skowronski@bccdc.ca>
 To: Henry, Bonnie [EXT] <bonnie.henry@gov.bc.ca>, Gustafson, Reka [BCCDC] <reka.gustafson@phsa.ca>, Henry, Bonnie HLTH:EX
 Cc: Hoang, Linda [BCCDC] <Linda.Hoang@bccdc.ca>, Krajden, Mel [BCCDC] <Mel.Krajden@bccdc.ca>, Levett, Paul [BCCDC] <Paul.Levett@bccdc.ca>, Morshed, Muhammad [BCCDC] <Muhammad.Morshed@bccdc.ca>, Prystajec, Natalie [BCCDC] <Natalie.Prystajec@bccdc.ca>, Sekirov, Inna [BCCDC] <inna.sekirov@bccdc.ca>, Corneil, Trevor [EX] <Trevor.Corneil@gov.bc.ca>, Galanis, Eleni [BCCDC] <Eleni.Galanis@bccdc.ca>, Singal, Mayank [BCCDC] <mayank.singal@bccdc.ca>, Naus, Monika [BCCDC] <Monika.Naus@bccdc.ca>, Taylor, Marsha [BCCDC] <Marsha.Taylor@bccdc.ca>, David, Samara [BCCDC] <Samara.David@bccdc.ca>, Ahmed, May [BCCDC] <may.ahmed@bccdc.ca>, Kim, Jong [NHA] <Jong.Kim@northernhealth.ca>, Bharmal, Aamir [FH] <aamir.bharmal@fraserhealth.ca>, Dawar, Meena [VCH] <Meena.Dawar@vch.ca>, Golmohammadi, Dr. Kamran [IHA] <Kamran.Golmohammadi@interiorhealth.ca>, Harding, John [VCH] <John.Harding@vch.ca>, Hayden, Althea [VCH] <Althea.Hayden@vch.ca>, Hoyano, Dee (Dr) [VIHA] <Dee.Hoyano@viha.ca>, Kling, Rakel [NHA] <Rakel.Kling@northernhealth.ca>, Mema, Dr. Silvina [IHA] <Silvina.Mema@interiorhealth.ca>, Newhouse, Emily [FH] <Emily.Newhouse@fraserhealth.ca>, Padhi, Shovita [FH] <Shovita.Padhi@fraserhealth.ca>, Tyler, Ingrid [FH] <ingrid.tyler@fraserhealth.ca>, hecc.data@gov.bc.ca, XT:Krajden, Mel HLTH:IN, Corneil, Trevor HLTH:EX, XT:HLTH Galanis, Eleni, XT:Naus, Monika HLTH:IN, XT:Taylor, Marsha HLTH:IN, XT:HLTH David, Samara, XT:Kim, Jong HLTH:IN, Bharmal, Aamir Dr. HLTH:IN, XT:HLTH Dawar, Meena, XT:Golmohammadi, Dr. Kamran HLTH:IN, XT:Harding, John HLTH:IN, XT:Hayden, Althea HLTH:IN, XT:Hoyano, Dr Dee HLTH:IN, XT:Kling, Rakel HLTH:IN, XT:Mema, Dr. Silvina HLTH:IN, XT:Padhi, Dr. Shovita HLTH:IN, Tyler, Ingrid Dr. HLTH:IN, HLTH HECC Data HLTH:EX
 Sent: March 18, 2020 11:35:57 AM PDT

Hi –

See below for the daily update based on HA reporting to us as of 10AM this morning.

An epidemiological profile will be sent in a subsequent message.

Daily HA update-March 18 10 AM

	Health Authority					Total
	VCH	VIHA	NHA	IHA	FHA	
Total number of cases	144	16	4	9	58	231
Number of new cases since last report (since March 17 2020)	28	4	0	2	11	45
Currently in Hospital	9	0	0	0	4	13
Currently in ICU	7	0	0	0	0	7
Deaths	6	0	0	0	1	7
Number known to be pregnant	2	0	0	0	NA	2
Total removed from isolation requirements	4	0	0	1	NA	5

NA = not available at time of report

With thanks to contributing HA partners and BCCDC epidemiologists who assembled this table.

See string below for yesterday's report for comparison.

Best wishes,
 Danuta Skowronski MD, FRCPC

From: Skowronski, Danuta [BCCDC]
Sent: Tuesday, March 17, 2020 12:49 PM
To: Henry, Bonnie [EXT]; Gustafson, Reka [BCCDC]
Cc: Hoang, Linda [BCCDC]; Krajden, Mel [BCCDC]; Levett, Paul [BCCDC]; Morshed, Muhammad [BCCDC]; Prystajec, Natalie [BCCDC]; Sekirov, Inna [BCCDC]; Corneil, Trevor [EX]; Galanis, Eleni [BCCDC]; Singal, Mayank [BCCDC]; Naus, Monika [BCCDC]; Taylor, Marsha [BCCDC]; David, Samara [BCCDC]; Ahmed, May [BCCDC]; Kim, Jong [NHA]; Bharmal, Aamir [FH]; Dawar, Meena [VCH]; Golmohammadi, Dr. Kamran [IHA]; Harding, John [VCH]; Hayden, Althea [VCH]; Hoyano, Dee (Dr) [VIHA]; Kling, Rakel [NHA]; Mema, Dr. Silvina [IHA]; Newhouse, Emily [FH]; Padhi, Shovita [FH]; Tyler, Ingrid [FH]
Subject: COVID Update in advance of Press Briefing

Hi –

FOR THE PRESS BRIEFING

Based on feedback from the Health Authorities as of 11AM this morning there are currently 186 confirmed COVID cases reported in the province, distributed as per below.

Given 103 reported in the press briefing yesterday, this is 83 more than yesterday.

We will be able to provide a breakdown of new cases by health authority only beginning tomorrow, now that this process is established.

Of the seven deaths, all but one are elderly individuals associated with the Lynn Valley Care Centre. The seventh is reported from FHA – a man in his 80s, living in the community prior to hospitalization and with no known exposures or travel history. The detail below is being shared with this limited group in advance of the press briefing.

	VCH	VIHA	NHA	IHA	FHA	Total
Total number of cases	116	12	4	7	47	186
Currently hospitalised	7	0	0	0	NA	7
Currently in ICU	4	0	0	0	NA	4
Deaths	6	0	0	0	1	7
Total removed from isolation requirements	4	0	0	1		5

EPIDEMIOLOGICAL PROFILE

The epidemiological profile as we can determine it today is also attached; I have requested some minor modifications before this will be distributed more broadly today and we have planned enhancements for subsequent bulletins. However, this is what they could pull together in the past hour for today and so you have something before we have complete data on the newer cases.

Note that this is based on data available in Panorama. **It includes 91 initiated CRFs entered into Panorama.** On the call this morning we requested that they initiate the CRFs asap to enable capture of a fuller subset of the total. We will monitor and compare these going forward.

This is the best that we and our HA partners could pull together for each other as of this morning given the change in processes overnight. I thank them for this.

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NR

RE: March 22 COVID Update - HA based Tallies

From : Skowronski, Danuta [BCCDC] <Danuta.Skowronski@bccdc.ca>
To: Henry, Bonnie [EXT] <bonnie.henry@gov.bc.ca>, Gustafson, Reka [BCCDC] <reka.gustafson@phsa.ca>, Henry, Bonnie HLTH:EX
Cc: Hoang, Linda [BCCDC] <Linda.Hoang@bccdc.ca>, Krajden, Mel [BCCDC] <Mel.Krajden@bccdc.ca>, Levett, Paul [BCCDC] <Paul.Levett@bccdc.ca>, Morshed, Muhammad [BCCDC] <Muhammad.Morshed@bccdc.ca>, Prystajec, Natalie [BCCDC] <Natalie.Prystajec@bccdc.ca>, Sekirov, Inna [BCCDC] <inna.sekirov@bccdc.ca>, Corneil, Trevor [EX] <Trevor.Corneil@gov.bc.ca>, Galanis, Eleni [BCCDC] <Eleni.Galanis@bccdc.ca>, Singal, Mayank [BCCDC] <mayank.singal@bccdc.ca>, Naus, Monika [BCCDC] <Monika.Naus@bccdc.ca>, Taylor, Marsha [BCCDC] <Marsha.Taylor@bccdc.ca>, David, Samara [BCCDC] <Samara.David@bccdc.ca>, Ahmed, May [BCCDC] <may.ahmed@bccdc.ca>, Kim, Jong [NHA] <Jong.Kim@northernhealth.ca>, Bharmal, Aamir [FH] <aamir.bharmal@fraserhealth.ca>, Dawar, Meena [VCH] <Meena.Dawar@vch.ca>, Golmohammadi, Dr. Kamran [IHA] <Kamran.Golmohammadi@interiorhealth.ca>, Harding, John [VCH] <John.Harding@vch.ca>, Hayden, Althea [VCH] <Althea.Hayden@vch.ca>, Hoyano, Dee (Dr) [VIHA] <Dee.Hoyano@viha.ca>, Kling, Rakel [NHA] <Rakel.Kling@northernhealth.ca>, Mema, Dr. Silvina [IHA] <Silvina.Mema@interiorhealth.ca>, Newhouse, Emily [FH] <Emily.Newhouse@fraserhealth.ca>, Padhi, Shovita [FH] <Shovita.Padhi@fraserhealth.ca>, Tyler, Ingrid [FH] <ingrid.tyler@fraserhealth.ca>, HLTH HECC Data HLTH:EX <HECC.Data@gov.bc.ca>, Treloar, Chelsea [BCCDC] <Chelsea.Treloar@bccdc.ca>, Brown, Libby [PHSA] <Libby.Brown@phsa.ca>, Amos, Heather [BCCDC] <heather.amos@bccdc.ca>, XT:Krajden, Mel HLTH:IN, Corneil, Trevor HLTH:EX, XT:HLTH Galanis, Eleni, XT:Naus, Monika HLTH:IN, XT:Taylor, Marsha HLTH:IN, XT:HLTH David, Samara, XT:Kim, Jong HLTH:IN, Bharmal, Aamir Dr. HLTH:IN, XT:HLTH Dawar, Meena, XT:Golmohammadi, Dr. Kamran HLTH:IN, XT:Harding, John HLTH:IN, XT:Hayden, Althea HLTH:IN, XT:Hoyano, Dr Dee HLTH:IN, XT:Kling, Rakel HLTH:IN, XT:Mema, Dr. Silvina HLTH:IN, XT:Padhi, Dr. Shovita HLTH:IN, Tyler, Ingrid Dr. HLTH:IN, XT:HLTH Brown, Libby
Sent: March 22, 2020 1:28:18 PM PDT

In scrutinizing one more time, I see a disjoint that requires attention.

In particular, compared to yesterday there are two additional deaths specified in the “affected LTCF” section – both within VCHA and namely within Lynn Valley (+1) and Haro Park (+1) not specified yesterday for those two facilities. Conversely the table still specifies the same number of deaths in VCHA as yesterday.

If those newly mentioned facility-related deaths are truly new, they should have been added also within the table whereas the table remains at 9 – same as yesterday.

I have asked my team to check that with VCHA epis.

If so, it would mean VCHA deaths should be specified as 11 (not 9) and provincial death tally should be 12 (not 10).

As soon as we get clarity on that we will let you know.

The bolus of newly “recovered” is largely reflecting the change in definition implemented in VCHA based on 10 days since illness onset without prior requirement for dual negative swabs.

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

From: Henry, Bonnie HLTH:EX [mailto:Bonnie.Henry@gov.bc.ca]

Sent: Sunday, March 22, 2020 1:22 PM

To: Skowronski, Danuta [BCCDC]; Gustafson, Reka [BCCDC]

Cc: Hoang, Linda [BCCDC]; Krajden, Mel [BCCDC]; Levett, Paul [BCCDC]; Morshed, Muhammad [BCCDC]; Prystajacky, Natalie [BCCDC]; Sekirov, Inna [BCCDC]; Corneil, Trevor [EX]; Galanis, Eleni [BCCDC]; Singal, Mayank [BCCDC]; Naus, Monika [BCCDC]; Taylor, Marsha [BCCDC]; David, Samara [BCCDC]; Ahmed, May [BCCDC]; Kim, Jong [NHA]; Bharmal, Aamir [FH]; Dawar, Meena [VCH]; Golmohammadi, Dr. Kamran [IHA]; Harding, John [VCH]; Hayden, Althea [VCH]; Hoyano, Dee (Dr) [VIHA]; Kling, Rakel [NHA]; Mema, Dr. Silvina [IHA]; Newhouse, Emily [FH]; Padhi, Shovita [FH]; Tyler, Ingrid [FH]; HLTH HECC Data HLTH:EX; David, Samara [BCCDC]; Taylor, Marsha [BCCDC]; Treloar, Chelsea [BCCDC]; Brown, Libby [PHSA]; Amos, Heather [BCCDC]

Subject: RE: March 22 COVID Update - HA based Tallies

Thank you. Nice to see the 'cured' group finally up there. There are two LTC facilities affected in FH. Could we please ask Fraser for the short summary of those as well.

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

s.17; s.19

Phone:

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>

Sent: March 22, 2020 12:58 PM

To: Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>; Gustafson, Reka [BCCDC] <reka.gustafson@phsa.ca>

Cc: Hoang, Linda [BCCDC] <Linda.Hoang@bccdc.ca>; XT:Krajden, Mel HLTH:IN <mel.krajden@bccdc.ca>; Levett, Paul [BCCDC] <Paul.Levett@bccdc.ca>; Morshed, Muhammad [BCCDC] <Muhammad.Morshed@bccdc.ca>; Prystajacky, Natalie [BCCDC] <Natalie.Prystajacky@bccdc.ca>; Sekirov, Inna [BCCDC] <inna.sekirov@bccdc.ca>; Corneil, Trevor HLTH:EX <Trevor.Corneil@gov.bc.ca>; XT:HLTH Galanis, Eleni <eleni.galanis@bccdc.ca>; Singal, Mayank [BCCDC] <mayank.singal@bccdc.ca>; XT:Naus, Monika HLTH:IN <monika.naus@bccdc.ca>; XT:Taylor, Marsha HLTH:IN <marsha.taylor@bccdc.ca>; XT:HLTH David, Samara <samara.david@bccdc.ca>; Ahmed, May [BCCDC] <may.ahmed@bccdc.ca>; XT:Kim, Jong HLTH:IN <jong.kim@northernhealth.ca>; Bharmal, Aamir Dr. HLTH:IN <Aamir.bharmal@fraserhealth.ca>; XT:HLTH Dawar, Meena <meena.dawar@vch.ca>; XT:Golmohammadi, Dr. Kamran HLTH:IN <Kamran.golmohammadi@interiorhealth.ca>; XT:Harding, John HLTH:IN <John.Harding@vch.ca>; XT:Hayden, Althea HLTH:IN <althea.hayden@vch.ca>; XT:Hoyano, Dr Dee HLTH:IN <dee.hoyano@viha.ca>; XT:Kling, Rakel HLTH:IN <rakel.kling@northernhealth.ca>; XT:Mema, Dr. Silvina HLTH:IN <Silvina.Mema@interiorhealth.ca>; Newhouse, Emily [FH] <Emily.Newhouse@fraserhealth.ca>; XT:Padhi, Dr. Shovita HLTH:IN <shovita.padhi@fraserhealth.ca>; Tyler, Ingrid Dr. HLTH:IN <ingrid.tyler@fraserhealth.ca>; HLTH HECC Data HLTH:EX <HECC.Data@gov.bc.ca>; XT:HLTH David, Samara <samara.david@bccdc.ca>; XT:Taylor, Marsha HLTH:IN <marsha.taylor@bccdc.ca>; Treloar, Chelsea [BCCDC] <Chelsea.Treloar@bccdc.ca>; XT:HLTH Brown, Libby <Libby.Brown@phsa.ca>; Amos, Heather [BCCDC] <heather.amos@bccdc.ca>

Subject: March 22 COVID Update - HA based Tallies

See below for HA based tallies as of 10AM March 22, 2020.

Note that a 10AM press conference Monday precludes further update prior to the briefing (given 10AM daily data uploads).

Daily HA update-March 22 10 AM

	Health Authority					Total
	FHA	IHA	VIHA	NHA	VCH	
Total number of cases	150	30	39	5	248	472
Number of new cases since last report (since March 21, 2020)	24	3	2	1	18	48
Ever Hospitalized	29	3	3	0	25 ^a	60
Currently in Hospital	16	2	1	0	14	33
Ever in ICU	4	1	1	0	11	17
Currently in ICU	3	1	1	0	9	14
Deaths	1	0	0	0	9	10
Number known to be pregnant	0	1	0	0	2	3
Total removed from isolation requirements ^b	1	2	0	0	97	100

^a As of March 22, a new reporting approach has been adopted by VCH which incorporates data collected directly and systematically from hospitals. This explains the increased tally of “ever hospitalized” without commensurate increase in “currently in hospital” compared to March 21, 2020. Numbers are as reported to BCCDC by VCH; we cannot vouch further but given the system is new, tallies may be subject to change.

^b As of March 22, VCH reports cases as removed from isolation requirements once recovered and at 10 days after symptom onset. This replaces the previous definition of recovered (2 lab confirmed negative swabs 24 hours apart) that may still be in place in other health authorities pending official change in provincial/national guidelines.

AFFECTED CARE FACILITIES:

(Note: two new added compared to yesterday March 21, both in VCHA, for a total of 5 (all VCHA). However, I note incidentally that media reporting another LTCF in FHA with affected staff member, Dufferin Care Centre in Coquitlam (that could be a sixth?): <https://globalnews.ca/news/6709264/dufferin-care-centre-coquitlam-coronavirus/>) and <https://globalnews.ca/news/6714880/coronavirus-delta-view-care-centre/>:

1. Lynn Valley LTCF, VCHA

36 COVID confirmed residents: none currently in hospital or ICU, 10 deaths

19 COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 10 staff from VCH; 9 staff from FHA]

2. Hollyburn LTCF, VCHA

1 COVID confirmed resident: none currently in hospital or ICU, 0 deaths

0 COVID confirmed staff (1 shared staff with Lynn Valley, counted in Lynn Valley)

3. Haro Park LTCF, VCHA

10 COVID confirmed residents: none currently in hospital or ICU, 1 death

22 COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 17 staff from VCH; 5 staff from FHA]

4. Delta View LTCF, VCHA

1 COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 1 staff from FHA]

5. German Canadian House LTCF, VCHA

1 COVID confirmed staff who is currently in ICU [includes 1 staff from VCH]

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

Fwd: CORRECTED RE: March 22 COVID Update - HA based Tallies

From: Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>
To: Nicola Lambrechts
Sent: March 23, 2020 8:53:05 AM PDT

Dr Bonnie Henry
Provincial Health Officer
Ministry of Health
Bonnie.henry@gov.bc.ca

s.17; s.19

Begin forwarded message:

From: "Skowronski, Danuta [BCCDC]" <Danuta.Skowronski@bccdc.ca>
Date: March 22, 2020 at 1:57:23 PM PDT
To: "Henry, Bonnie HLTH:EX" <Bonnie.Henry@gov.bc.ca>, "Gustafson, Reka [BCCDC]" <reka.gustafson@phsa.ca>
Cc: "Hoang, Linda [BCCDC]" <Linda.Hoang@bccdc.ca>, "XT:Krajden, Mel HLTH:IN" <mel.krajden@bccdc.ca>, "Levett, Paul [BCCDC]" <Paul.Levett@bccdc.ca>, "Morshed, Muhammad [BCCDC]" <Muhammad.Morshed@bccdc.ca>, "Prystajecky, Natalie [BCCDC]" <Natalie.Prystajecky@bccdc.ca>, "Sekirov, Inna [BCCDC]" <inna.sekirov@bccdc.ca>, "Corneil, Trevor HLTH:EX" <Trevor.Corneil@gov.bc.ca>, "XT:HLTH Galanis, Eleni" <eleni.galanis@bccdc.ca>, "Singal, Mayank [BCCDC]" <mayank.singal@bccdc.ca>, "XT:Naus, Monika HLTH:IN" <monika.naus@bccdc.ca>, "XT:Taylor, Marsha HLTH:IN" <marsha.taylor@bccdc.ca>, "XT:HLTH David, Samara" <samara.david@bccdc.ca>, "Ahmed, May [BCCDC]" <may.ahmed@bccdc.ca>, "XT:Kim, Jong HLTH:IN" <jong.kim@northernhealth.ca>, "Bharmal, Aamir Dr. HLTH:IN" <Aamir.bharmal@fraserhealth.ca>, "XT:HLTH Dawar, Meena" <meena.dawar@vch.ca>, "XT:Golmohammadi, Dr. Kamran HLTH:IN" <Kamran.golmohammadi@interiorhealth.ca>, "XT:Harding, John HLTH:IN" <John.Harding@vch.ca>, "XT:Hayden, Althea HLTH:IN" <althea.hayden@vch.ca>, "XT:Hoyano, Dr Dee HLTH:IN" <dee.hoyano@viha.ca>, "XT:Kling, Rakel HLTH:IN" <rakel.kling@northernhealth.ca>, "XT:Mema, Dr. Silvina HLTH:IN" <Silvina.Mema@interiorhealth.ca>, "Newhouse, Emily [FH]" <Emily.Newhouse@fraserhealth.ca>, "XT:Padhi, Dr. Shovita HLTH:IN" <shovita.padhi@fraserhealth.ca>, "Tyler, Ingrid Dr. HLTH:IN" <ingrid.tyler@fraserhealth.ca>, "HLTH HECC Data HLTH:EX" <HECC.Data@gov.bc.ca>, "XT:HLTH David, Samara" <samara.david@bccdc.ca>, "XT:Taylor, Marsha HLTH:IN" <marsha.taylor@bccdc.ca>, "Treloar, Chelsea [BCCDC]" <Chelsea.Treloar@bccdc.ca>, "XT:HLTH Brown, Libby" <Libby.Brown@phsa.ca>, "Amos, Heather [BCCDC]" <heather.amos@bccdc.ca>
Subject: CORRECTED RE: March 22 COVID Update - HA based Tallies

Please see further correction to the March 22, 2020 tally as follows:

1. Two added deaths to VCHA; one added death to FHA (based on phone call just now from Aamir). Total deaths now: 13
2. One added LTCF affected from FHA (Dufferin Care Centre in Coquitlam).
3. One previously recorded LTCF (Delta View) corrected to be ascribed to FHA, not VCHA. Total tally affected LTCF: 6.

Note: for enhanced sensitivity we are referring to “affected” LTCFs for the media briefings in order that Bonnie is kept on top of any potential queries. In the line-listing below, the cumulative way in which the named LTCF is affected is specified. Over the longer term, we will need to determine whether to refer to a single case (staff or resident) in a LTCF as an “outbreak”. For now, we’re calling them “affected” facilities for Bonnie’s daily awareness.

CORRECTED Daily HA update-March 22 10 AM

	Health Authority					Total
	FHA	IHA	VIHA	NHA	VCH	
Total number of cases	150	30	39	5	248	472
Number of new cases since last report (since March 21, 2020)	24	3	2	1	18	48
Ever Hospitalized	29	3	3	0	25 ^a	60
Currently in Hospital	16	2	1	0	14	33
Ever in ICU	4	1	1	0	11	17
Currently in ICU	3	1	1	0	9	14
Deaths	2 ^b	0	0	0	11	13
Number known to be pregnant	0	1	0	0	2	3
Total removed from isolation requirements ^c	1	2	0	0	97	100

^a As of March 22, a new reporting approach has been adopted by VCH which incorporates data collected directly and systematically from hospitals. This explains the increased tally of “ever hospitalized” without commensurate increase in “currently in hospital” compared to March 21, 2020. Numbers are as reported to BCCDC by VCH; we cannot vouch further but given the system is new, tallies may be subject to change.

^b Additional confirmed death reported directly by FHA MHO to BCCDC by phone after 10AM.

^c As of March 22, VCH reports cases as removed from isolation requirements once recovered and at 10 days after symptom onset. This replaces the previous definition of recovered (2 lab confirmed negative swabs 24 hours apart) that may still be in place in other health authorities pending official change in provincial/national guidelines.

CORRECTED Affected care facilities:

1. Lynn Valley LTCF, VCHA

36 COVID confirmed residents: none currently in hospital or ICU, 10 deaths

19 COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 10 staff from VCH; 9 staff from FHA]

2. Hollyburn LTCF, VCHA

1 COVID confirmed resident: none currently in hospital or ICU, 0 deaths

0 COVID confirmed staff (1 shared staff with Lynn Valley, counted in Lynn Valley)

3. Haro Park LTCF, VCHA

10 COVID confirmed residents: none currently in hospital or ICU, 1 death

22 COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 17 staff from VCH; 5 staff from FHA]

4. Delta View LTCF, FHA

1 COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 1 staff from FHA]

5. German Canadian House LTCF, VCHA

1 COVID confirmed staff who is currently in ICU [includes 1 staff from VCH]

6. Dufferin Care Centre (Coquitlam), FHA

1 COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 1 staff from FHA]

OK, signing out to work on other issues now.

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

Page 044 of 120 to/à Page 067 of 120

Withheld pursuant to/removed as

NR

RE: March 26 COVID Update - HA based Tallies

From: Henry, Bonnie HLTH:EX </O=BCGOVT/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=4FECC2B488164D889677A67FF299050 D-HENRY, BONNIE HLT>
To: Galanis, Eleni [BCCDC], Skowronski, Danuta [BCCDC], Gustafson, Reka [BCCDC], Pokorny, Peter HLTH:EX
Cc: Brown, Stephen R HLTH:EX
Sent: March 26, 2020 1:42:46 PM PDT
Attachments: Daily Update Mar 26.docx

Could I please get your help on this. The numbers the HECC is providing are completely different for the ICU. They are from critical care but make no sense with the overall numbers hospitalized.

Could you please reconcile so we have one source of truth on the numbers we are reporting.

Thank you

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

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: Galanis, Eleni [BCCDC] <Eleni.Galanis@bccdc.ca>

Sent: March 26, 2020 11:48 AM

To: Skowronski, Danuta [BCCDC] <Danuta.Skowronski@bccdc.ca>; Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>; Gustafson, Reka [BCCDC] <reka.gustafson@phsa.ca>

Cc: Hoang, Linda [BCCDC] <Linda.Hoang@bccdc.ca>; XT:Krajden, Mel HLTH:IN <mel.krajden@bccdc.ca>; Levett, Paul [BCCDC] <Paul.Levett@bccdc.ca>; Morshed, Muhammad [BCCDC] <Muhammad.Morshed@bccdc.ca>; Prystajeky, Natalie [BCCDC] <Natalie.Prystajeky@bccdc.ca>; Sekirov, Inna [BCCDC] <inna.sekirov@bccdc.ca>; Corneil, Trevor HLTH:EX <Trevor.Corneil@gov.bc.ca>; Singal, Mayank [BCCDC] <mayank.singal@bccdc.ca>; XT:Naus, Monika HLTH:IN <monika.naus@bccdc.ca>; XT:Taylor, Marsha HLTH:IN <marsha.taylor@bccdc.ca>; XT:HLTH David, Samara <samara.david@bccdc.ca>; Ahmed, May [BCCDC] <may.ahmed@bccdc.ca>; XT:Kim, Jong HLTH:IN <jong.kim@northernhealth.ca>; Bharmal, Aamir Dr. HLTH:IN <Aamir.bharmal@fraserhealth.ca>; XT:HLTH Dawar, Meena <meena.dawar@vch.ca>; XT:Golmohammadi, Dr. Kamran HLTH:IN <Kamran.golmohammadi@interiorhealth.ca>; XT:Harding, John HLTH:IN <John.Harding@vch.ca>; XT:Hayden, Althea HLTH:IN <althea.hayden@vch.ca>; XT:Hoyano, Dr Dee HLTH:IN <dee.hoyano@viha.ca>; XT:Kling, Rakel HLTH:IN <rakel.kling@northernhealth.ca>; XT:Mema, Dr. Silvina HLTH:IN <Silvina.Mema@interiorhealth.ca>; Newhouse, Emily [FH] <Emily.Newhouse@fraserhealth.ca>; XT:Padhi, Dr. Shovita HLTH:IN <shovita.padhi@fraserhealth.ca>; Tyler, Ingrid Dr. HLTH:IN <ingrid.tyler@fraserhealth.ca>; HLTH HECC Data HLTH:EX <HECC.Data@gov.bc.ca>; XT:HLTH David, Samara <samara.david@bccdc.ca>; XT:Taylor, Marsha HLTH:IN <marsha.taylor@bccdc.ca>; Treloar, Chelsea [BCCDC] <Chelsea.Treloar@bccdc.ca>; XT:HLTH Brown, Libby <Libby.Brown@phsa.ca>; Amos, Heather [BCCDC] <heather.amos@bccdc.ca>

Subject: March 26 COVID Update - HA based Tallies

See below for HA based tallies as of 10AM March 26, 2020.

Daily HA update-March 26 10 AM

	Health Authority					Total N (%)
	FHA	IHA	VIHA	NHA	VCH	
Total number of cases	241	62	52	11	359	725
Number of new cases since last report (since March 25, 2020)	23	16	5	2	20	66
Ever Hospitalized	56	8	5	1	40 ^a	110 (15%)
Currently in Hospital	37	5	1	1	22 ^a	66
Ever in ICU	21	3	3	1	14 ^a	43 (6%)
Currently in ICU	8	3	3	1	11 ^a	26
Deaths	2	0	0	0	12	14 (2%)
Number known to be pregnant	1	1	0	1	2	5
Total recovered ^b	5	9	8	5	159 ^c	186 (26%)

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

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

^c This number is lower than Mar 25 due to data adjustments by VCH.

Reported affected care facilities:

1. Lynn Valley LTCF, VCHA

46 COVID confirmed residents: none currently in hospital or ICU, 11 deaths

24 COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 13 staff from VCH; 11 staff from FHA]

2. Hollyburn LTCF, VCHA

1 COVID confirmed resident: none currently in hospital or ICU, 0 deaths

0 COVID confirmed staff (1 shared staff with Lynn Valley, counted in Lynn Valley)

3. Haro Park LTCF, VCHA

30 COVID confirmed residents: none currently in hospital or ICU, 1 death

28 COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 20 staff from VCH; 8 staff from FHA]

4. Delta View LTCF, FHA

1 COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 1 staff from FHA]

5. German Canadian House LTCF, VCHA

1 COVID confirmed staff who is currently in ICU [includes 1 staff from VCH]

6. Dufferin Care Centre (Coquitlam), FHA

1 COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 1 staff from FHA]

7. Little Mountain LTCF

1 COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 1 staff from VCH]

8. Broadway Pentecostal Lodge LTCF, VCHA

1 COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 1 staff from VCH]

9. Evergreen Heights LTCF, FHA

1 COVID confirmed resident: none currently in hospital or ICU, 0 deaths

Eleni Galanis, MD, MPH, FRCPC

Physician Epidemiologist, BCCDC EOC Director

BC Centre for Disease Control 655 W12th Ave. Vancouver BC V5Z 4R4

(t) 604-707-2558 (f) 604-707-2516

Daily COVID 19 Report (March 26, 2020)

Key Metrics:

Case Count (as of Mar.26/11:00)

Confirmed Cases	New Cases Since March 25	Recovered Cases	Currently in Hospital	Currently in ICU*	Medically Ventilated (MV)*	Deaths
725 (↑66)	66	186 (↑3)	66(↑2)	47 (↑14)	35(↑8)	14 (↑0)

*This number is supplied by the critical care leads in each Health Authority. It is different than the numbers currently reported by the BCCDC to the PHO.

Case count By Health Authority:

VCHA:

Confirmed Cases	New Cases Since March 25	Recovered Cases	Currently in Hospital	Currently in ICU	MV	Deaths
359 (↑20)	20	159 (↓2)**	22(↑0)	18(↑9)	9(↑2)	12(↑0)

**This number is lower than Mar 25 due to data adjustments by VCH.

Facility Updates:

- **Lynn Valley LTCF, VCHA:**
 - 46 confirmed resident cases (↑4), none in hospital or ICU, 11 deaths (↑0)
 - 24 confirmed staff (↑3), none in hospital or ICU, 0 deaths (13 staff from VCH (↑1) and 11 (↑2) staff from FHA)
- **Hollyburn LTCF, VCHA:**
 - 1 COVID confirmed resident case (↑0), 0 confirmed staff, (1 staff shared with Lynn Valley Facility, counted in Lynn Valley), none in hospital, 0 deaths
- **Haro Park LTCF, VCHA:**
 - 30 COVID confirmed resident case (↑2) none in hospital or ICU, 1 death (↑0)
 - 28 confirmed staff (↑1), none in hospital or ICU, 0 deaths (20 staff from VCHA (↑1), 8 from FHA (↑0)).
- **German Canadian House LTCF, VCHA**
 - 1 COVID confirmed staff who is currently in ICU (↑0) [1 staff from VCH (↑0)]
- **Little Mountain LTCF, VCHA**
 - 1 COVID confirmed staff (↑0), none currently in hospital or ICU, 0 deaths [includes 1 staff from VCH (↑0)]
- **Broadway Pentecostal Lodge, LTCF, VCHA**
 - 1 COVID confirmed staff (↑0), none currently in hospital or ICU, 0 deaths [includes 1 staff from VCH (↑0)]
- **Status of Lions Gate**
 - Outbreak precautions level 3 is active, emergency patients only.

FHA:

Confirmed Cases	New Cases Since March 25	Recovered Cases	Currently in Hospital	Currently in ICU	MV	Deaths
241 (↑23)	23	5 (↑2)	37 (↑1)	22 (↑3)	21 (↑6)	2 (↑0)

Facility Updates

- **Delta View LTCF, FHA**
 - 1 COVID confirmed staff (↑0), none currently in hospital or ICU, 0 deaths [includes 1 staff from FHA (↑0)]
- **Dufferin Care Centre (Coquitlam), FHA**
 - 1 COVID confirmed staff (↑0), none currently in hospital or ICU, 0 deaths [1 staff from FHA (↑0)]
- **Evergreen Heights AL, FHA**
 - 1 COVID confirmed resident case (↑0), 0 confirmed staff, none in hospital, 0 deaths

VIHA:

Confirmed Cases	New Cases Since March 25	Recovered Cases	Currently in Hospital	Currently in ICU	MV	Deaths
52 (↑5)	5	8 (↑2)	1 (↑0)	3 (↑1)	3 (↓1)	0 (↑0)

IHA:

Confirmed Cases	New Cases Since March 25	Recovered Cases	Currently in Hospital	Currently in ICU	MV	Deaths
62 (↑16)	16	9 (↑1)	5 (↑1)	3 (↑0)	1 (↑0)	0 (↑0)

NHA:

Confirmed Cases	New Cases Since March 25	Recovered Cases	Currently in Hospital	Currently in ICU	MV	Deaths
11 (↑2)	2	5 (↑0)	1 (↑0)	1 (↓0)	1 (↑0)	0 (↑0)

Testing Inclusive of Community Assessment sites (as of Mar.26/10:00)

Patient Tests	Tested Negative	Tested Positive	Patient Samples Pending	Projected Testing for today
34,561 (↑2,822)	33,836* (↑2756)	725 (↑66)	2,026 (↓687)	4,714 (↑372)

*Approximate Number

Occupancy Rate by Health Authority (Current as of Mar.26/11:00)

***Note:** The “Change in Available Beds” column has been updated to a revised estimate “Total Vacant Beds”. This is a “more” accurate representation of vacant beds in the hospital.

Health Authority	Pre-COVID-19 Response Occupancy Rate (Dec 12 2019)	Current Occupancy Rate Snapshot	Change in Occupancy Rate	Total Vacant Beds*	Total Beds	Total Critical Care Beds	Critical Care Bed Occupancy Rate	Total Vacant Critical Care Beds**
IHA	102.9%	68.1%	-34.8%	456	1431	84	63.1%	31
FHA	106.9%	57.1%	-49.8%	1621	3775	295	55.9%	130
VCHA	100.5%	60.6%	-39.9%	927	2350	190	48.4%	98
VIHA	106.6%	72.0%	-34.6%	525	1872	104	55.8%	46
NHA	105.0%	75.3%	-29.7%	142	574	46	54.3%	21
PHSA	73.8%	67.6%	-6.2%	232	716	102	55.9%	45
Current BC Total	103.5%	63.6% (↓1.1%)	-39.9%	3903 (↓177)	10718 (↑15)	821	54.8%	371 (↓7)
Previous Totals								
March 25, 2020	103.5%	64.7%	-38.8%	4080	10703	813	53.5%	378
March 24, 2020	103.5%	66.4%	-37.1%	3866	10602	830	55.3%	31
March 23, 2020	103.5%	67.8%	-35.7%	3719	10604	830	54.8%	
March 22, 2020	103.5%	68.6%	-34.9%	3632	10604	826	55.7%	
March 20, 2020	103.5%	78.5%	-25.0%	2398	9743	649	61.8%	

**total vacant critical care bed information was not available prior to March 24, 2020

BC Emergency Health Services events by Health Authority (HA) for Influenza Like Illness (ILI) (as of Mar.25/23:59)

*As of March 25, 2020, data is available by HA rather than by Dispatch Centre

Date	Metrics	ILI Events					
	HA	FHA	IHA	NHA	VCHA	VIHA	Total
March 25, 2020		129	61	16	71	29	306 (↑1)
March 24, 2020		115	46	28	74	42	305 (↓26)
March 23, 2020		119	57	16	78	61	331 (↓8)
March 22, 2020		124	45	17	90	63	339 (↑26)
March 21, 2020		124	37	17	88	47	313

8-1-1 (as of Mar.25/23:59)

Date	Calls Received	Calls Answered	Abandon Rate %	Average Wait (mins)	Max Wait of Answered (mins)	Average Handle Time (mins)
March 25	6,433 (↑172)	5,070 (↑1,216)	21.2%	5.3	32.6	4.3
March 24	6,605 (↓66)	3,854 (↑166)	41.7%	17.0	83.4	4.7
March 23	6,671 (↑1,230)	3,688 (↓434)	44.8%	21.5	141.1	5.1
March 22	5,441(↓200)	4,122 (↑92)	24.3%	10.1	99.9%	5.1
March 21	5,641	4,031	29.4%	11.6	97.1	5.2
March 20	6,056	3,248	47.2%	25.2	125.8	4.7
March 19	5,546	2,615	51.6%	32.1	106.5	4.6
March 18	5,141	2,652	48.9%	35.5	120.6	4.6
Pre-COVID-19 call volume was 1,200/day						

Efforts to enhance capacity and meet demand include:

- **21 (↑10) additional nurses have been added as of March 25, 2020**
- 56 (↑0) Patient navigation staff have been added as of March 24, 2020
- Self Assessment App was released Monday March 23, 2020
- Implementation of additional menu option (Telus Prompter) to allow callers to select Service BC 1-888-COVID-19 for non-health calls, this went live March 22, 2020
- BCCDC BC COVID-19 Symptom Self-Assessment Tool launched March 17, 2020
- BCCDC Support App & Self-Assessment Tool launched March 23, 2020.

1-888-COVID19 (as of Mar.25/23:59)

Date	Calls Received	Calls Answered	Average Speed of Answer	Abandon Rate	Max Wait	Average Handle Time	Texts
March 25	2,081 (↑174)	1,517 (↑139)	4min 25 Sec	27%	15Min 52 Sec	5 Min 9 Sec	1,024 (↑106)
March 24	1907	1656	1 Min 54 Sec	12.9%	25 Min 15 Sec	5 Min 4 Sec	918
March 23	2,239	1,931	1 Min 56 Sec	13.8%	23 Min 6 Sec	4 Min 39 Sec	752
March 22	1430	1278	1 Min 11 Sec	4.27%	11 Min 31 Sec	4 Min 27 Sec	444
March 21	1333	1227	1 Min 24 Sec	7.80%	19 Min 3 Sec	4 Min 45 Sec	545
March 20	1923	1850	40 Sec	3.59%	18 Sec 15 Min	5 Min 2 Sec	931
March 19	2117	1840	1 Min 50 Sec	12.9%	13 min 41 sec	4min 15 sec	553
March 18	2503	1895	7 Min 5 Sec	22.8%	59 min 48 sec	2 min 24 sec	723
March 17	3416	1807	33 Min 56 Sec	44.15%	1 hour 17 secs	4min 14 sec	678
March 16	1769	1147	12 Sec	27.76%	6 min 20 secs	5 min 16 sec	166

Self Assessment Tool on BCCDC.com (as of Mar.25/23:59)

Date	Total Users (last 24 hours)	Peak Activity	Average Activity	BC-based Users
March 25	48,340 (↓13,003)	207 users/min	2,014	96%
March 24	61,343 (↓36,365)	443 users/min	2,556/hour	95%
March 23	97,708	426 users/minute	4,071/hour	92%
March 19	532,996	759 users/minute	22,208/hour	92%
March 18	386,085	743 users/minute	16,087 per hour	92%
March 17	525,421	924 users/minute	29,893 per hour	92%

- Since soft launch of the assessment tool, it has been accessed 2,714,363 times (↑30,360)

BC COVID19 APP (as of Mar.25/23:59)

Date	Total App Users	Mobile Users	Web Users
March 25	86,800 (↑18,276)	51,000	35,800
March 24	68,524 (↑55,519)	~ 42,000	~ 28,000
March 23	13,005	13,005	0

Temporary Emergency Registrants (as of Mar.26/10:00)

Professionals in various fields re-registering to work to support surge capacity

Physicians												
Date	Family Physician	Pediatrics	Infectious Diseases	Public Health/ Preventative Medicine	Community Medicine	Medical Microbiology	Psychiatry	Anesthesiology	Internal Med /Gastroenterology	Ophthalmology	OBGYN/Maternal-fetal medicine NEW	Total Registrants to Date
March 26	13	3	1	1	1	1	1	2	1	1	1	26 (↑1)
March 25	13	3	1	1	1	1	1	2	1	1	n/a	25 (↑4)
March 24	11	3	1	1	1	1	1	1	1	1	n/a	21 (↑2)
March 23	9	3	1	1	1	1	1	1	1	1	n/a	19

Nursing						
Date	Licensed Practical Nurse (LPN)	Registered Nurse	Registered Psychiatric Nurse	Nurse Practitioner	Health Care Assistant*	Total Registrants to Date
March 26	15	125	2	2	104	248 (↑38)
March 25	13	104	2	2	89	210 (↑41)
March 24	12	92	1	2	62	169(↑90)
March 23	6	70	1	2	0	79

Note: HCA #s include regular registrants (don't have temp registration currently)

Allied Health				
Date	Occupational Therapist	Dieticians	Pharmacist	Total Registrants to Date
March 26	0	0	0	0 (↑0)
March 25	0	0	0	0
March 24	0	0	0	0
March 23	0	0	0	0

PHO Guides and Orders to Date (as of Mar 26/10:00)

March 24, 2020: PHO issued an order that health care providers who work in long term care (LTC) facilities only be scheduled to work at a single site. This is to help with avoiding transmission of COVID-19 across multiple LTC sites.

March 21, 2020: PHO to issue an order to clarify the restrictions for bars and clubs.

March 20, 2020: PHO issued an order under the Public Health Act to restricts restaurants to take-out/delivery only.

March 18, 2020: Mike Farnworth, the Minister of Public Safety and Solicitor General declared a Provincial State of Emergency under the [Emergency Program Act](#).

March 17, 2020: The PHO ordered to close all bars and clubs in B.C. effective immediately.

March 17, 2020: B.C. Premier John Horgan has announced the province's schools from Kindergarten to Grade 12 are closed, with no indication of when classes will resume.

March 17, 2020: British Columbia announced a Public Health Emergency under the [Public Health Act](#) due to the novel coronavirus pandemic.

March 16, 2020: the PHO issued an order under the Public Health Act prohibiting the gatherings of more than 50 people.

March 16, 2020: PHO directed all hospitals in BC to adopt Outbreak Response Phase 2: Hospitals are to undertake only urgent and emergency procedures and postpone all non-urgent scheduled surgeries.

March 16, 2020: PHO directed Lions Gate Hospital in North Vancouver to adopt Outbreak Response Phase 3: The hospital will only accept emergency patients.

March 13, 2020: PHO recommended residents of British Columbia practice social distancing.

March 12, 2020:

- PHO recommended that mass gatherings be limited to 250 people or more.
- PHO issued an [order](#) with various restrictions on activities for both "essential workers" and "non-essential workers" to follow.

March 11, 2020: Health Emergency Coordination Center (HECC) activated to a Level 3.

Re: March 26 COVID Update - HA based Tallies

From: Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>
To: XT:HLTH Galanis, Eleni
Cc: Skowronski, Danuta [BCCDC], Gustafson, Reka [BCCDC], Pokorny, Peter HLTH:EX, MacDougall, Laura, XT:Taylor, Marsha HLTH:IN, Brown, Stephen R HLTH:EX, Janjua, Naveed [BCCDC]
Sent: March 26, 2020 2:51:11 PM PDT

No worries. I have convinced them to release the numbers in a statement later in the day and we will talk about other things in the briefing.

Thanks

B

Dr Bonnie Henry
Provincial Health Officer
Ministry of Health
Bonnie.henry@gov.bc.ca

s.17; s.19

On Mar 26, 2020, at 2:31 PM, Galanis, Eleni [BCCDC] <Eleni.Galanis@bccdc.ca> wrote:

Hi Bonnie,

Unfortunately, that is not possible. We only get the daily linelists by 10am. It takes 90min to manually combine them and produce your daily table by 11:30am.

Eleni

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

From: Henry, Bonnie HLTH:EX [mailto:Bonnie.Henry@gov.bc.ca]
Sent: Thursday, March 26, 2020 2:22 PM
To: Galanis, Eleni [BCCDC]
Cc: Skowronski, Danuta [BCCDC]; Gustafson, Reka [BCCDC]; Pokorny, Peter HLTH:EX; MacDougall, Laura; Taylor, Marsha [BCCDC]; Brown, Stephen R HLTH:EX; Janjua, Naveed [BCCDC]
Subject: Re: March 26 COVID Update - HA based Tallies

Tomorrow is fine.

We are having a briefing earlier tomorrow it looks like so would really appreciate if we could have numbers by 10?

Thank you++

Dr Bonnie Henry
Provincial Health Officer
Ministry of Health
Bonnie.henry@gov.bc.ca

s.17; s.19

On Mar 26, 2020, at 1:57 PM, Galanis, Eleni [BCCDC] <Eleni.Galanis@bccdc.ca> wrote:

Yes. Do you need a reconciled number today or can we work on this for tomorrow?

Laura can you look into this with Marsha and PHSA?

Thanks,

Eleni

From: Henry, Bonnie HLTH:EX [mailto:Bonnie.Henry@gov.bc.ca]

Sent: Thursday, March 26, 2020 1:43 PM

To: Galanis, Eleni [BCCDC]; Skowronski, Danuta [BCCDC]; Gustafson, Reka [BCCDC]; Pokorny, Peter HLTH:EX

Cc: Brown, Stephen R HLTH:EX

Subject: RE: March 26 COVID Update - HA based Tallies

Could I please get your help on this. The numbers the HECC is providing are completely different for the ICU. They are from critical care but make no sense with the overall numbers hospitalized.

Could you please reconcile so we have one source of truth on the numbers we are reporting.

Thank you

Bonnie

Dr Bonnie Henry

Provincial Health Officer

Office of the PHO

Ministry of Health

4th floor, 1515 Blanshard St

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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: Galanis, Eleni [BCCDC] <Eleni.Galanis@bccdc.ca>

Sent: March 26, 2020 11:48 AM

To: Skowronski, Danuta [BCCDC] <Danuta.Skowronski@bccdc.ca>; Henry, Bonnie HLTH:EX

<Bonnie.Henry@gov.bc.ca>; Gustafson, Reka [BCCDC] <reka.gustafson@phsa.ca>

Cc: Hoang, Linda [BCCDC] <Linda.Hoang@bccdc.ca>; XT:Krajden, Mel HLTH:IN <mel.krajden@bccdc.ca>; Levett,

Paul [BCCDC] <Paul.Levett@bccdc.ca>; Morshed, Muhammad [BCCDC] <Muhammad.Morshed@bccdc.ca>;

Prystajecy, Natalie [BCCDC] <Natalie.Prystajecy@bccdc.ca>; Sekirov, Inna [BCCDC] <inna.sekirov@bccdc.ca>;

Corneil, Trevor HLTH:EX <Trevor.Corneil@gov.bc.ca>; Singal, Mayank [BCCDC] <mayank.singal@bccdc.ca>;

XT:Naus, Monika HLTH:IN <monika.naus@bccdc.ca>; XT:Taylor, Marsha HLTH:IN <marsha.taylor@bccdc.ca>;

XT:HLTH David, Samara <samara.david@bccdc.ca>; Ahmed, May [BCCDC] <may.ahmed@bccdc.ca>; XT:Kim, Jong

HLTH:IN <jong.kim@northernhealth.ca>; Bharmal, Aamir Dr. HLTH:IN <Aamir.bharmal@fraserhealth.ca>; XT:HLTH

Dawar, Meena <meena.dawar@vch.ca>; XT:Golmohammadi, Dr. Kamran HLTH:IN

<Kamran.golmohammadi@interiorhealth.ca>; XT:Harding, John HLTH:IN <John.Harding@vch.ca>; XT:Hayden,

Althea HLTH:IN <althea.hayden@vch.ca>; XT:Hoyano, Dr Dee HLTH:IN <dee.hoyano@viha.ca>; XT:Kling, Rakel

HLTH:IN <rakel.kling@northernhealth.ca>; XT:Mema, Dr. Silvina HLTH:IN <Silvina.Mema@interiorhealth.ca>;

Newhouse, Emily [FH] <Emily.Newhouse@fraserhealth.ca>; XT:Padhi, Dr. Shovita HLTH:IN

<shovita.padhi@fraserhealth.ca>; Tyler, Ingrid Dr. HLTH:IN <ingrid.tyler@fraserhealth.ca>; HLTH HECC Data

HLTH:EX <HECC.Data@gov.bc.ca>; XT:HLTH David, Samara <samara.david@bccdc.ca>; XT:Taylor, Marsha
HLTH:IN <marsha.taylor@bccdc.ca>; Treloar, Chelsea [BCCDC] <Chelsea.Treloar@bccdc.ca>; XT:HLTH Brown,
Libby <Libby.Brown@phsa.ca>; Amos, Heather [BCCDC] <heather.amos@bccdc.ca>
Subject: March 26 COVID Update - HA based Tallies

See below for HA based tallies as of 10AM March 26, 2020.

Daily HA update-March 26 10 AM

Health Authority

Total
N (%)

FHA

IHA

VIHA

NHA

VCH

Total number of cases

241

62

52

11

359

725

Number of new cases since last report
(since March 25, 2020)

23

16

5

2

20

66

Ever Hospitalized

56

8

5

1

40a

110 (15%)

Currently in Hospital

37

5

1

1

22 a

66

Ever in ICU

21

3

3

1

14 a

43 (6%)

Currently in ICU

8

3

3

1

11 a

26

Deaths

2

0

0

0

12

14 (2%)

Number known to be pregnant

1

1

0

1

2

5

Total recovered b

5

9

8

5

159c

186 (26%)

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

data.

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

c This number is lower than Mar 25 due to data adjustments by VCH.

Reported affected care facilities:

1. Lynn Valley LTCF, VCHA

46 COVID confirmed residents: none currently in hospital or ICU, 11 deaths

24 COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 13 staff from VCH; 11 staff from FHA]

2. Hollyburn LTCF, VCHA

1 COVID confirmed resident: none currently in hospital or ICU, 0 deaths

0 COVID confirmed staff (1 shared staff with Lynn Valley, counted in Lynn Valley)

3. Haro Park LTCF, VCHA

30 COVID confirmed residents: none currently in hospital or ICU, 1 death

28 COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 20 staff from VCH; 8 staff from FHA]

4. Delta View LTCF, FHA

1 COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 1 staff from FHA]

5. German Canadian House LTCF, VCHA

1 COVID confirmed staff who is currently in ICU [includes 1 staff from VCH]

6. Dufferin Care Centre (Coquitlam), FHA

1 COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 1 staff from FHA]

7. Little Mountain LTCF

1 COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 1 staff from VCH]

8. Broadway Pentecostal Lodge LTCF, VCHA

1 COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 1 staff from VCH]

9. Evergreen Heights LTCF, FHA

1 COVID confirmed resident: none currently in hospital or ICU, 0 deaths

Eleni Galanis, MD, MPH, FRCPC

Physician Epidemiologist, BCCDC EOC Director

BC Centre for Disease Control 655 W12th Ave. Vancouver BC V5Z 4R4

(t) 604-707-2558 (f) 604-707-2516

Page 083 of 120 to/à Page 088 of 120

Withheld pursuant to/removed as

NR

Re: March 26 COVID Update - HA based Tallies

From: Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>
To: XT:Flatt, Alexandra HLTH:IN
Cc: XT:HLTH Galanis, Eleni, Skowronski, Danuta [BCCDC], Gustafson, Reka [BCCDC], MacDougall, Laura, XT:ODonnell, Maureen HLTH:IN
Sent: March 27, 2020 6:59:57 PM PDT
Attachments: image001.png, image001.png

Thanks Lexie,

This is very helpful but I will note neither of the numbers below are the ones we received from either BCCDC or the HECC. So some consolidation and accounting still needs to happen! It sounds like this report will be very helpful going forward.

My best,

Bonnie

Dr Bonnie Henry
Provincial Health Officer
Ministry of Health
Bonnie.henry@gov.bc.ca

s.17; s.19

On Mar 27, 2020, at 6:55 PM, Flatt, Alexandra [PHSA] <AFlatt@phsa.ca> wrote:

Actually we know the numbers for COVID19 positive patients in the ICUs as this data is sent daily at a patient level. This week we have built the capacity to track COVID-19 critical care data for all HAs. The last of the HAs was on-boarded to the system yesterday. The numbers of COVID positive ICU patients for March 26 and March 27 are provided below.

Patients HA	COVID-19 Positive	
	2020-03-26	2020-03-27
FH	22	26
IHA	1	2
NHA	1	1
PHSA	0	0
VCH	18	18
VIHA	3	4
Total	45	51

Regards,
Lexie

Alexandra Flatt

Chief Data Governance & Analytics Officer
Provincial Health Services Authority

1333 West Broadway
Vancouver, British Columbia V6H 4C1
s.15 O: 604-875-7327
aflatt@phsa.ca

From: Galanis, Eleni [BCCDC]
Sent: March 27, 2020 5:04 PM
To: Henry, Bonnie [EXT]
Cc: Skowronski, Danuta [BCCDC]; Gustafson, Reka [BCCDC]; Flatt, Alexandra [PHSA]; MacDougall, Laura
Subject: RE: March 26 COVID Update - HA based Tallies

Understood. I suggest:

1. Asking Patty about getting VCH case data at CMHO mtg tonight
2. Lexie to provide you with ICU data for VCH or BC (aren't you getting data from PHSA already?)

From: Henry, Bonnie HLTH:EX [<mailto:Bonnie.Henry@gov.bc.ca>]
Sent: Friday, March 27, 2020 1:41 PM
To: Galanis, Eleni [BCCDC]
Cc: Skowronski, Danuta [BCCDC]; Gustafson, Reka [BCCDC]; Pokorny, Peter HLTH:EX; MacDougall, Laura; Taylor, Marsha [BCCDC]; Brown, Stephen R HLTH:EX; Janjua, Naveed [BCCDC]; Flatt, Alexandra [PHSA]
Subject: RE: March 26 COVID Update - HA based Tallies

Thanks, that will work. I am concerned though that we don't have a change in ICYU status for 3 days so we don't actually know what is going on. Any way we can get some indication of numbers, if not for the report so at least we can have an understanding of pressures.

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
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Phone: **s.17; s.19**

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From: Galanis, Eleni [BCCDC] <Eleni.Galanis@bccdc.ca>
Sent: March 27, 2020 11:32 AM
To: Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>
Cc: Skowronski, Danuta [BCCDC] <Danuta.Skowronski@bccdc.ca>; Gustafson, Reka [BCCDC] <reka.gustafson@phsa.ca>; Pokorny, Peter HLTH:EX <Peter.Pokorny@gov.bc.ca>; MacDougall, Laura <laura.macdougall@bccdc.ca>; XT:Taylor, Marsha HLTH:IN <marsha.taylor@bccdc.ca>; Brown, Stephen R HLTH:EX <Stephen.Brown@gov.bc.ca>; Janjua, Naveed [BCCDC] <Naveed.Janjua@bccdc.ca>; XT:Flatt, Alexandra HLTH:IN <aflatt@phsa.ca>
Subject: RE: March 26 COVID Update - HA based Tallies

Hi Bonnie,

Laura MacDougall reached out to Lexie Flatt at PHSA and Marsha reviewed our data. Here is what we have gathered and what I recommend:

- The PHSA ICU data based on hospital reporting is more accurate than the BCCDC/HA data based on case interviews in determining "number currently in ICU"

- We have some outstanding questions about the PHSA ICU data (e.g. does it include all hospitals yet, unclear how COVID status is determined, unclear if can report on “ever in ICU”); Laura is discussing these with Lexie this afternoon.
- PHSA cannot yet report on “currently in hospital” which means we cannot calculate proportion of hospitalised cases which are in ICU
- **Recommendations:**
 - **BCCDC to continue reporting case-based data on ICU (ever and current) and hospitalisation (current and ever) to measure severity of illness and proportion of severe illness for a few more days**
 - **MOH/PHO to use PHSA ICU data as of today for the most accurate indicator for “number currently in ICU”**
 - **Once PHSA is able to report on both ICU and hospitalisation status, BCCDC can stop reporting this indicator to you**

Let me know if you have concerns about this. We will keep you posted on the progress.

Eleni

Eleni Galanis, MD, MPH, FRCPC

Physician Epidemiologist, BCCDC EOC Director

BC Centre for Disease Control 655 W12th Ave. Vancouver BC V5Z 4R4

(t) 604-707-2558 (f) 604-707-2516

> -----Original Message-----

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

> Sent: Thursday, March 26, 2020 2:22 PM

> To: Galanis, Eleni [BCCDC]

> Cc: Skowronski, Danuta [BCCDC]; Gustafson, Reka [BCCDC]; Pokorny, Peter HLTH:EX; MacDougall, Laura; Taylor, Marsha [BCCDC]; Brown, Stephen R HLTH:EX; Janjua, Naveed [BCCDC]

> Subject: Re: March 26 COVID Update - HA based Tallies

>

> Tomorrow is fine.

> We are having a briefing earlier tomorrow it looks like so would really appreciate if we could have numbers by 10?

> Thank you++

>

> Dr Bonnie Henry

> Provincial Health Officer

> Ministry of Health

> Bonnie.henry@gov.bc.ca

> s.17; s.19

>

> On Mar 26, 2020, at 1:57 PM, Galanis, Eleni [BCCDC] <Eleni.Galanis@bccdc.ca> wrote:

>

>

> Yes. Do you need a reconciled number today or can we work on this for tomorrow?

> Laura can you look into this with Marsha and PHSA?

> Thanks,

> Eleni

>

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

> Sent: Thursday, March 26, 2020 1:43 PM

> To: Galanis, Eleni [BCCDC]; Skowronski, Danuta [BCCDC]; Gustafson, Reka [BCCDC]; Pokorny, Peter HLTH:EX

> Cc: Brown, Stephen R HLTH:EX

> Subject: RE: March 26 COVID Update - HA based Tallies

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> Could I please get your help on this. The numbers the HECC is providing are completely different for the ICU. They are from critical care but make no sense with the overall numbers hospitalized.

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> Dr Bonnie Henry

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> Victoria, BC

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> Bonnie.henry@gov.bc.ca<<mailto:Bonnie.henry@gov.bc.ca>>

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> Phone: **s.17; s.19**

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> Sent: March 26, 2020 11:48 AM

> To: Skowronski, Danuta [BCCDC] <Danuta.Skowronski@bccdc.ca>; Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>; Gustafson, Reka [BCCDC] <reka.gustafson@phsa.ca>

> Cc: Hoang, Linda [BCCDC] <Linda.Hoang@bccdc.ca>; XT:Krajden, Mel HLTH:IN <mel.krajden@bccdc.ca>; Levett, Paul [BCCDC] <Paul.Levett@bccdc.ca>; Morshed, Muhammad [BCCDC] <Muhammad.Morshed@bccdc.ca>; Prystajecy, Natalie [BCCDC] <Natalie.Prystajecy@bccdc.ca>; Sekirov, Inna [BCCDC] <inna.sekirov@bccdc.ca>; Corneil, Trevor HLTH:EX <Trevor.Corneil@gov.bc.ca>; Singal, Mayank [BCCDC] <mayank.singal@bccdc.ca>; XT:Naus, Monika HLTH:IN <monika.naus@bccdc.ca>; XT:Taylor, Marsha HLTH:IN <marsha.taylor@bccdc.ca>; XT:HLTH David, Samara <samara.david@bccdc.ca>; Ahmed, May [BCCDC] <may.ahmed@bccdc.ca>; XT:Kim, Jong HLTH:IN <jong.kim@northernhealth.ca>; Bharmal, Aamir Dr. HLTH:IN <Aamir.bharmal@fraserhealth.ca>; XT:HLTH Dawar, Meena <meena.dawar@vch.ca>; XT:Golmohammadi, Dr. Kamran HLTH:IN <Kamran.golmohammadi@interiorhealth.ca>; XT:Harding, John HLTH:IN <John.Harding@vch.ca>; XT:Hayden, Althea HLTH:IN <althea.hayden@vch.ca>; XT:Hoyano, Dr Dee HLTH:IN <dee.hoyano@viha.ca>; XT:Kling, Raket HLTH:IN <raket.kling@northernhealth.ca>; XT:Mema, Dr. Silvina HLTH:IN <Silvina.Mema@interiorhealth.ca>; Newhouse, Emily [FH] <Emily.Newhouse@fraserhealth.ca>; XT:Padhi, Dr. Shovita HLTH:IN <shovita.padhi@fraserhealth.ca>; Tyler, Ingrid Dr. HLTH:IN <ingrid.tyler@fraserhealth.ca>; HLTH HECC Data HLTH:EX <HECC.Data@gov.bc.ca>; XT:HLTH David, Samara <samara.david@bccdc.ca>; XT:Taylor, Marsha HLTH:IN <marsha.taylor@bccdc.ca>; Treloar, Chelsea [BCCDC] <Chelsea.Treloar@bccdc.ca>; XT:HLTH Brown, Libby <Libby.Brown@phsa.ca>; Amos, Heather [BCCDC] <heather.amos@bccdc.ca>

> Subject: March 26 COVID Update - HA based Tallies

>

> See below for HA based tallies as of 10AM March 26, 2020.

>

> Daily HA update-March 26 10 AM

>

>

> Health Authority

>

> Total
> N (%)
>
> FHA
>
> IHA
>
> VIHA
>
> NHA
>
> VCH
>
> Total number of cases
>
> 241
>
> 62
>
> 52
>
> 11
>
> 359
>
> 725
>
> Number of new cases since last report
> (since March 25, 2020)
>
> 23
>
> 16
>
> 5
>
> 2
>
> 20
>
> 66
>
> Ever Hospitalized
>
> 56
>
> 8
>
> 5
>
> 1
>
> 40a
>
> 110 (15%)
>
> Currently in Hospital

>
> 37
>
> 5
>
> 1
>
> 1
>
> 22 a
>
> 66
>
> Ever in ICU
>
> 21
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> 3
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> 3
>
> 1
>
> 14 a
>
> 43 (6%)
>
> Currently in ICU
>
> 8
>
> 3
>
> 3
>
> 1
>
> 11 a
>
> 26
>
> Deaths
>
> 2
>
> 0
>
> 0
>
> 0
>
> 12
>
> 14 (2%)
>
> Number known to be pregnant
>

> 1
>
> 1
>
> 0
>
> 1
>
> 2
>
> 5
>
> Total recovered b
>
> 5
>
> 9
>
> 8
>
> 5
>
> 159c
>
> 186 (26%)
>
> a Data as of March 24, 2020. On March 22, VCH adopted a new reporting approach which incorporates data collected directly from hospitals. Some inconsistencies have been noted and need to be corrected before including updated data.
> b Includes cases recovered following 2 lab confirmed negative swabs 24 hours apart or following 10 days after symptom onset and removed from isolation requirements.
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>
> Reported affected care facilities:
>
> 1. Lynn Valley LTCF, VCHA
>
> 46 COVID confirmed residents: none currently in hospital or ICU, 11 deaths
>
> 24 COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 13 staff from VCH; 11 staff from FHA]
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> 5. German Canadian House LTCF, VCHA
> 1 COVID confirmed staff who is currently in ICU [includes 1 staff from VCH]

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 - > 1 COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 1 staff from FHA]
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- > 8. Broadway Pentecostal Lodge LTCF, VCHA
 - > 1 COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 1 staff from VCH]
- > 9. Evergreen Heights LTCF, FHA
 - > 1 COVID confirmed resident: none currently in hospital or ICU, 0 deaths
- >
- >
- > Eleni Galanis, MD, MPH, FRCPC
 - > Physician Epidemiologist, BCCDC EOC Director
 - > BC Centre for Disease Control 655 W12th Ave. Vancouver BC V5Z 4R4
 - > (t) 604-707-2558 (f) 604-707-2516
- >
- >

Patients HA	COVID-19 Positive	
	2020-03-26	2020-03-27
FH	22	26
IHA	1	2
NHA	1	1
PHSA	0	0
VCH	18	18
VIHA	3	4
Total	45	51

Page 098 of 120 to/à Page 099 of 120

Withheld pursuant to/removed as

NR

RE: March 28 COVID Update - HA based Tallies

From: Galanis, Eleni [BCCDC] <Eleni.Galanis@bccdc.ca>
To: Henry, Bonnie [EXT] <bonnie.henry@gov.bc.ca>, Skowronski, Danuta [BCCDC] <Danuta.Skowronski@bccdc.ca>, Gustafson, Reka [BCCDC] <reka.gustafson@phsa.ca>, Flatt, Alexandra [PHSA] <AFlatt@phsa.ca>, Henry, Bonnie HLTH:EX, XT:Flatt, Alexandra HLTH:IN
Cc: Hoang, Linda [BCCDC] <Linda.Hoang@bccdc.ca>, Krajden, Mel [BCCDC] <Mel.Krajden@bccdc.ca>, Levett, Paul [BCCDC] <Paul.Levett@bccdc.ca>, Morshed, Muhammad [BCCDC] <Muhammad.Morshed@bccdc.ca>, Prystajewsky, Natalie [BCCDC] <Natalie.Prystajewsky@bccdc.ca>, Sekirov, Inna [BCCDC] <inna.sekirov@bccdc.ca>, Corneil, Trevor [EX] <Trevor.Corneil@gov.bc.ca>, Singal, Mayank [BCCDC] <mayank.singal@bccdc.ca>, Naus, Monika [BCCDC] <Monika.Naus@bccdc.ca>, Taylor, Marsha [BCCDC] <Marsha.Taylor@bccdc.ca>, David, Samara [BCCDC] <Samara.David@bccdc.ca>, Ahmed, May [BCCDC] <may.ahmed@bccdc.ca>, Kim, Jong [NHA] <Jong.Kim@northernhealth.ca>, Bharmal, Aamir [FH] <aamir.bharmal@fraserhealth.ca>, Dawar, Meena [VCH] <Meena.Dawar@vch.ca>, Golmohammadi, Dr. Kamran [IHA] <Kamran.Golmohammadi@interiorhealth.ca>, Harding, John [VCH] <John.Harding@vch.ca>, Hayden, Althea [VCH] <Althea.Hayden@vch.ca>, Hoyano, Dee (Dr) [VIHA] <Dee.Hoyano@viha.ca>, Kling, Rakel [NHA] <Rakel.Kling@northernhealth.ca>, Mema, Dr. Silvina [IHA] <Silvina.Mema@interiorhealth.ca>, Newhouse, Emily [FH] <Emily.Newhouse@fraserhealth.ca>, Padhi, Shovita [FH] <Shovita.Padhi@fraserhealth.ca>, Tyler, Ingrid [FH] <ingrid.tyler@fraserhealth.ca>, HLTH HECC Data HLTH:EX <HECC.Data@gov.bc.ca>, Treloar, Chelsea [BCCDC] <Chelsea.Treloar@bccdc.ca>, Brown, Libby [PHSA] <Libby.Brown@phsa.ca>, Amos, Heather [BCCDC] <heather.amos@bccdc.ca>, Nofall, Kyle [BCCDC] <Kyle.Nofall@bccdc.ca>, Patrick, David [BCCDC] <David.Patrick@bccdc.ca>, Gustafson, Reka [BCCDC] <reka.gustafson@phsa.ca>, XT:Krajden, Mel HLTH:IN, Corneil, Trevor HLTH:EX, XT:Naus, Monika HLTH:IN, XT:Taylor, Marsha HLTH:IN, XT:HLTH David, Samara, XT:Kim, Jong HLTH:IN, Bharmal, Aamir Dr. HLTH:IN, XT:HLTH Dawar, Meena, XT:Golmohammadi, Dr. Kamran HLTH:IN, XT:Harding, John HLTH:IN, XT:Hayden, Althea HLTH:IN, XT:Hoyano, Dr Dee HLTH:IN, XT:Kling, Rakel HLTH:IN, XT:Mema, Dr. Silvina HLTH:IN, XT:Padhi, Dr. Shovita HLTH:IN, Tyler, Ingrid Dr. HLTH:IN, XT:HLTH Brown, Libby, XT:Patrick, David HLTH:IN
Sent: March 28, 2020 11:15:01 AM PDT

Hi Bonnie,

As per my email briefing to you yesterday:

- The PHSA ICU data are considered more accurate than the data ICU data we get from HA tallies because:
 - PHSA data come directly from hospitals and are updated daily
 - HA tallies come from patient interviews which typically occur once towards the beginning of illness
- However, we have not discontinued collecting and reporting on ICU data from HAs/cases because:
 - We have some outstanding questions about the PHSA ICU data (e.g. unclear how COVID status is determined, unclear if can report on "ever in ICU")
 - PHSA cannot yet report on "currently in hospital" which means we cannot calculate proportion of hospitalised cases which are in ICU
- My recommendation is:
 - **MOH/PHO to use PHSA ICU data as of yesterday for the most accurate indicator for "number currently in ICU"**
 - BCCDC/HAs to continue reporting case-based data on ICU (ever and current) and hospitalisation (current and ever) to measure severity of illness for a few more days
 - Once PHSA is able to report on both ICU and hospitalisation status to HAs, BCCDC and PHO/MOH, BCCDC/HAs to stop reporting ICU and hospitalisation status ("currently in ICU") to you

If you disagree with this approach, please advise.

Eleni

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

From: Henry, Bonnie HLTH:EX [mailto:Bonnie.Henry@gov.bc.ca]

Sent: Saturday, March 28, 2020 11:07 AM

To: Skowronski, Danuta [BCCDC]; Gustafson, Reka [BCCDC]; Flatt, Alexandra [PHSA]

Cc: Hoang, Linda [BCCDC]; Krajden, Mel [BCCDC]; Levett, Paul [BCCDC]; Morshed, Muhammad [BCCDC]; Prystajecky, Natalie [BCCDC]; Sekirov, Inna [BCCDC]; Corneil, Trevor [EX]; Singal, Mayank [BCCDC]; Naus, Monika [BCCDC]; Taylor, Marsha [BCCDC]; David, Samara [BCCDC]; Ahmed, May [BCCDC]; Kim, Jong [NHA]; Bharmal, Aamir [FH]; Dawar, Meena [VCH]; Golmohammadi, Dr. Kamran [IHA]; Harding, John [VCH]; Hayden, Althea [VCH]; Hoyano, Dee (Dr) [VIHA]; Kling, Rakel [NHA]; Mema, Dr. Silvina [IHA]; Newhouse, Emily [FH]; Padhi, Shovita [FH]; Tyler, Ingrid [FH]; HLTH HECC Data HLTH:EX; Treloar, Chelsea [BCCDC]; Brown, Libby [PHSA]; Amos, Heather [BCCDC]; Noftall, Kyle [BCCDC]; Patrick, David [BCCDC]; Gustafson, Reka [BCCDC]; Galanis, Eleni [BCCDC]

Subject: Re: March 28 COVID Update - HA based Tallies

The ICU number from last evening was 51. Can you please check in that again. I thought we had a process now through PHSA to get accurate ICU data.

Dr Bonnie Henry
Provincial Health Officer
Ministry of Health
Bonnie.henry@gov.bc.ca

s.17; s.19

On Mar 28, 2020, at 11:03 AM, Skowronski, Danuta [BCCDC] <Danuta.Skowronski@bccdc.ca> wrote:

See below, with thanks to Marsha Taylor for assembling this Saturday -

Daily HA update-March 28 10 AM

Health Authority

Total
N (%)

FHA

IHA

VIHA

NHA

VCH

Total number of cases

291

77

60

12

444

884

Number of new cases since last report
(since March 27, 2020)

29

7

3

0

53

92

Ever Hospitalized

70

9

8

2

55

144 (16%)

Currently in Hospital

39

6

3

2

31

81

Ever in ICU

25

4

4

2

21

56 (6%)

Currently in ICU

8

4

4

2

16

34

Deaths

2

0

0

0

15

17 (2%)

Number known to be pregnant

3

1

0

1

2

7

Recovered a

115

17

16

5

243

396 (45%)

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

NOTE: Serious outcomes (e.g. hospitalization, ICU admission, death) tallies may be incomplete or out of date (i.e. under-estimates) owing to the timing and processes for case status update.

Affected care facilities*:

1. Delta View LTCF, FHA

1 COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 1 staff from FHA]

2. Dufferin Care Centre (Coquitlam), FHA

1 COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 1 staff from FHA]

3. Evergreen Heights LTCF, FHA

1 COVID confirmed resident: none currently in hospital or ICU, 0 deaths

4. The Harrison at Elim Village LTCF, FHA

1 COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 1 staff from FHA]

5. Langley Gardens LTCF, FHA

1 COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 1 staff from FHA]

6. Shaughnessy Care Center LTCF, FHA

1 COVID confirmed resident: none currently in hospital or ICU, 0 deaths

*NOTE: VCH did not report any LTCF data on Mar 27 and 28.

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Withheld pursuant to/removed as

NR

COVID Update (March 29)

From: Pokorny, Peter HLTH:EX <Peter.Pokorny@gov.bc.ca>
To: Dix, Adrian HLTH:EX <Adrian.Dix@gov.bc.ca>
Cc: Brown, Stephen R HLTH:EX <Stephen.Brown@gov.bc.ca>, Moulton, Holly HLTH:EX <Holly.Moulton@gov.bc.ca>, van Baarsen, Amanda HLTH:EX <Amanda.vanBaarsen@gov.bc.ca>, Prevost, Jean-Marc GCPE:EX <Jean-Marc.Prevost@gov.bc.ca>, Henry, Bonnie HLTH:EX <Bonnie.Henry@gov.bc.ca>, Yeung, Lucinda HLTH:EX <Lucinda.Yeung@gov.bc.ca>, Lawrie, Hannah GCPE:EX <Hannah.Lawrie@gov.bc.ca>, Shewchuk, Chris GCPE:EX <Chris.Shewchuk@gov.bc.ca>, nicola@nlkstrategies.ca, 'nicola@nlkstrategies.ca'
Sent: March 29, 2020 2:34:37 PM PDT
Attachments: Daily Update Mar 29.docx

Hi Minister – I've attached today's update on some key COVID information.

Please note that the case count is current, but several other metrics have not been updated today. They will all be updated for tomorrow's report. BC Ambulance metrics and information on the 2-1-1 tool will also be included tomorrow.

Thanks,
Peter

Peter Pokorny
Associate Deputy Minister
Corporate Services
Ministry of Health
(778) 698-8046

Daily COVID 19 Report (March 29, 2020)

Key Metrics:

Case Count (as of Mar.29/11:45)

Confirmed Cases	New Cases Since March 28	Recovered Cases	Currently in Hospital	Currently in ICU*	Medically Ventilated (MV)*	Deaths
900 (↑16)	16	437 (↑41)	93(↑12)	63 (-)	52(-)	17 (↑0)

*Last updated: March 28, 2020. ICU COVID census numbers not reported on Sunday. Both Sunday and Monday's numbers will be provided Monday March 30th, 2020 for 1330 press briefing.

Case count By Health Authority:

VCHA:

Confirmed Cases	New Cases Since March 27	Recovered Cases	Currently in Hospital	Currently in ICU*	MV*	Deaths
438 ¹ (↓6)	n/a	259 (↑16)	36(↑5)	19(-)	11(-)	15(↑0)

¹This number is lower than yesterday (March 28) due to data adjustments made by VCH subsequent to yesterday's report.

Facility Updates:

NOTE: VCHA did not report any Long Term Care Facility (LTCF) data on March 27, 28 & 29. Data below is as of March 26, 2020.

- **Lynn Valley LTCF, VCHA:**
 - 46 confirmed resident cases (↑4), none in hospital or ICU, 11 deaths (↑0)
 - 24 confirmed staff (↑3), none in hospital or ICU, 0 deaths (13 staff from VCH (↑1) and 11 (↑2) staff from FHA)
- **Hollyburn LTCF, VCHA:**
 - 1 COVID confirmed resident case (↑0), 0 confirmed staff, (1 staff shared with Lynn Valley Facility, counted in Lynn Valley), none in hospital, 0 deaths
- **Haro Park LTCF, VCHA:**
 - 30 COVID confirmed resident case (↑2) none in hospital or ICU, 1 death (↑0)
 - 28 confirmed staff (↑1), none in hospital or ICU, 0 deaths (20 staff from VCHA (↑1), 8 from FHA (↑0)).
- **German Canadian House LTCF, VCHA**
 - 1 COVID confirmed staff who is currently in ICU (↑0) [1 staff from VCH (↑0)]
- **Little Mountain LTCF, VCHA**
 - 1 COVID confirmed staff (↑0), none currently in hospital or ICU, 0 deaths [includes 1 staff from VCH (↑0)]
- **Broadway Pentecostal Lodge, LTCF, VCHA**
 - 1 COVID confirmed staff (↑0), none currently in hospital or ICU, 0 deaths [includes 1 staff from VCH (↑0)]

- **Status of Lions Gate**
 - Outbreak precautions level 3 is active, emergency patients only.

FHA:

Confirmed Cases	New Cases Since March 28	Recovered Cases	Currently in Hospital	Currently in ICU*	MV*	Deaths
295 (↑4)	4	131 (↑16)	38 (↓1)	30 (-)	27 (-)	2 (↑0)

Facility Updates

- **Delta View LTCF, FHA**
 - 1 COVID confirmed staff (↑0), none currently in hospital or ICU, 0 deaths [includes 1 staff from FHA (↑0)]
- **Dufferin Care Centre (Coquitlam), FHA**
 - 1 COVID confirmed staff (↑0), none currently in hospital or ICU, 0 deaths [1 staff from FHA (↑0)]
- **Evergreen Heights LTCF, FHA**
 - 1 COVID confirmed resident case (↑0), 2 confirmed staff (↑2), none currently in hospital, 0 deaths [2 staff from FHA (↑2)]
- **The Harrison at Elim Village, LTCF, FHA**
 - 1 COVID confirmed staff (↑0), none currently in hospital or ICU, 0 deaths [1 staff from FHA (↑0)]
- **Langley Gardens LTCF, FHA**
 - 1 COVID confirmed staff (↑0), none currently in hospital or ICU, 0 deaths [1 staff from FHA (↑0)]
- **Shaughnessy Care Center LTCF, FHA**
 - 1 COVID confirmed resident case (↑0), 0 confirmed staff, none in hospital, 0 deaths

VIHA:

Confirmed Cases	New Cases Since March 28	Recovered Cases	Currently in Hospital	Currently in ICU*	MV*	Deaths
67 (↑7)	7	25(↑9)	8 (↑5)	4 (-)	3 (-)	0 (↑0)

IHA:

Confirmed Cases	New Cases Since March 28	Recovered Cases	Currently in Hospital	Currently in ICU*	MV*	Deaths
86 (↑9)	9	17 (↑0)	7(↑1)	9 (-)	10 (-)	0 (↑0)

NHA:

Confirmed Cases	New Cases Since March 28	Recovered Cases	Currently in Hospital	Currently in ICU*	MV*	Deaths
14 (↑2)	2	5 (↑0)	4 (↑2)	1 (-)	1 (-)	0 (↑0)

Testing Inclusive of Community Assessment sites (as of Mar.28/11:00)

NOTE: data unavailable for Sunday March 29, 2020.

Patient Tests	Tested Negative	Tested Positive (As of March 29)	Patient Samples Pending	Projected Testing for today
38,697 (↑2,054)	37,813 (↑1,962)*	900 (↑16)	1,526(↓361)	4,344 (↓410)

*Approximate Number

Occupancy Rate by Health Authority (Current as of Mar.29/11:00)

***Note:** The “Change in Available Beds” column has been updated to a revised estimate “Total Vacant Beds” as of March 26, 2020.

Health Authority	Pre-COVID-19 Response Occupancy Rate (Dec 12 2019)	Current Occupancy Rate Snapshot	Change in Occupancy Rate	Total Vacant Beds*	Total Beds	Total Critical Care Beds	Critical Care Bed Occupancy Rate	Total Vacant Critical Care Beds**
IHA	102.9%	60.9%	-42.0%	560	1431	84	60.7%	33
FHA	106.9%	53.9%	-53.0%	1740	3775	295	55.6%	131
VCHA	100.5%	55.9%	-44.6%	1037	2354	190	41.6%	111
VIHA	106.6%	66.3%	-40.3%	641	1901	108	51.9%	52
NHA	105.0%	67.6%	-37.4%	186	574	46	54.3%	21
PHSA	73.8%	64.5%	-9.3%	254	716	102	47.1%	54
Current BC Total	103.5%	58.9% (↓1.2)	-44.6%	4418 (↑123)	10751 (↓0)	825	51.3%	402 (↑25)
Previous Totals								
March 28, 2020	103.5%	60.1% (↓2.4)	-43.4%	4295 (↑260)	10751 (↓4)	825	54.3%	377 (↑11)
March 27, 2020	103.5%	62.5% (↓1.1)	-41.0%	4035 (↑132)	10755 (↑37)	825	55.6%	366 (↓5)
March 26, 2020	103.5%	63.6% (↓1.1)	-39.9%	3903 (↓177)	10718 (↑15)	821	54.8%	371 (↓7)
March 25, 2020	103.5%	64.7%	-38.8%	4080	10703	813	53.5%	378
March 24, 2020	103.5%	66.4%	-37.1%	3866	10602	830	55.3%	371

**total vacant critical care bed information was not available prior to March 24, 2020

- Acute Care Bed occupancy continues to decrease, resulting in an increase of available beds.
- Critical Care occupancy decreased in almost all HAs.
- PHSA's Forensic Services beds and Mental Health and Addictions beds were not available so figures for March 28 were used.

BC Emergency Health Services events by Health Authority (HA) for Influenza Like Illness (ILI) (as of Mar.28/23:59)

*As of March 25, 2020, data is available by HA rather than by Dispatch Centre

NOTE: Information regarding total call numbers and pre COVID 19 call levels will be included in subsequent reports.

Date	Metrics	ILI Events					
	HA	FHA	IHA	NHA	VCHA	VIHA	Total
March 28, 2020		115	40	19	84	80	338 (↑44)
March 27, 2020		92	50	21	62	69	294 (↑32)
March 26, 2020		97	38	12	65	50	262 (↓44)
March 25, 2020		129	61	16	71	29	306 (↑1)
March 24, 2020		115	46	28	74	42	305 (↓26)
March 23, 2020		119	57	16	78	61	331 (↓8)
March 22, 2020		124	45	17	90	63	339 (↑26)

8-1-1 (as of Mar.28/23:59)

Date	Calls Received	Calls Answered	Abandon Rate %	Average Wait (mins)	Max Wait of Answered (mins)	Average Handle Time (mins)
March 28	4,828 (↓613)	3,533 (↓769)	26.8%	7.4	49.8	3.6
March 27	5,441(↓691)	4,302 (↓600)	20.9%	5.5	46.8	4.4
March 26	6,132(↓301)	4,902(↓168)	20.1%	4.7	36.6	4.3
March 25	6,433 (↑172)	5,070 (↑1,216)	21.2%	5.3	32.6	4.3
March 24	6,605 (↓66)	3,854 (↑166)	41.7%	17.0	83.4	4.7
March 23	6,671	3,688	44.8%	21.5	141.1	5.1
March 22	5,441	4,122	24.3%	10.1	99.9%	5.1
March 21	5,641	4,031	29.4%	11.6	97.1	5.2
March 20	6,056	3,248	47.2%	25.2	125.8	4.7
March 19	5,546	2,615	51.6%	32.1	106.5	4.6
March 18	5,141	2,652	48.9%	35.5	120.6	4.6
Pre-COVID-19 call volume was 1,200/day						

Efforts to enhance capacity and meet demand include:

- 26 (↑5) additional nurses have been added as of March 29, 2020
- 61 (↑5) Patient navigation staff have been added as of March 28, 2020
- Self Assessment App was released Monday March 23, 2020
- Implementation of additional menu option (Telus Prompter) to allow callers to select Service BC 1-888-COVID-19 for non-health calls, this went live March 22, 2020
- BCCDC BC COVID-19 Symptom Self-Assessment Tool launched March 17, 2020
- BCCDC Support App & Self-Assessment Tool launched March 23, 2020.

1-888-COVID19 (as of Mar.26/23:59)

NOTE: data unavailable for Sunday March 29, 2020.

Date	Calls Received	Calls Answered	Average Speed of Answer	Abandon Rate	Max Wait	Average Handle Time	Texts
March 26	2,438 (↑357)	1,664 (↑147)	6 Min 9 Sec	31.7%	26 Min 11 Sec	3 Min 37 sec	868 (↓156)
March 25	2,081 (↑174)	1,517 (↑139)	4 Min 25 Sec	27%	15 Min 52 Sec	5 Min 9 Sec	1,024 (↑106)
March 24	1907	1656	1 Min 54 Sec	12.9%	25 Min 15 Sec	5 Min 4 Sec	918
March 23	2,239	1,931	1 Min 56 Sec	13.8%	23 Min 6 Sec	4 Min 39 Sec	752
March 22	1430	1278	1 Min 11 Sec	4.27%	11 Min 31 Sec	4 Min 27 Sec	444
March 21	1333	1227	1 Min 24 Sec	7.80%	19 Min 3 Sec	4 Min 45 Sec	545
March 20	1923	1850	40 Sec	3.59%	18 Min 15 Sec	5 Min 2 Sec	931
March 19	2117	1840	1 Min 50 Sec	12.9%	13 Min 41 Sec	4 Min 15 Sec	553
March 18	2503	1895	7 Min 5 Sec	22.8%	59 Min 48 Sec	2 Min 24 Sec	723
March 17	3416	1807	33 Min 56 Sec	44.15%	1 hour 17 Sec	4 Min 14 Sec	678
March 16	1769	1147	12 Sec	27.76%	6 Min 20 Sec	5 Min 16 Sec	166

Self Assessment Tool on BCCDC.com (as of Mar.26/23:59)

NOTE: data unavailable for Sunday March 29, 2020.

Date	Total Users (last 24 hours)	Peak Activity (users/min)	Average Activity (users/hour)	BC-based Users
March 26	37,341(↓10,999)	137	1,556	96%
March 25	48,340 (↓13,003)	207	2,014	96%
March 24	61,343 (↓36,365)	443	2,556	95%
March 23	97,708	426	4,071	92%
March 19	532,996	759	22,208	92%
March 18	386,085	743	16,087	92%
March 17	525,421	924	29,893	92%

- Since soft launch of the assessment too, it has been accessed 2,751,704 times (↑37,341)

BC COVID19 APP (as of Mar.26/23:59)

NOTE: data unavailable for Sunday March 29, 2020.

Date	Total App Users	Mobile Users	Web Users
March 26	100,300(↑13,500)	58,800	41,500
March 25	86,800 (↑18,276)	51, 000	35,800
March 24	68,524 (↑55,519)	~ 42,000	~ 28,000
March 23	13,005	13,005	0

BC 2-1-1 Referral Line

BC 211 provides free information and referral to a full range of community, social, and government services, and operates twenty-four hours a day, seven days a week.

NOTE: this data will be in the next report

Date	Calls Received	Calls Answered	Abandon Rate %	Average Wait (mins)	Max Wait of Answered (mins)	Average Handle Time (mins)
n/a	n/a	n/a	n/a	n/a	n/a	n/a

Temporary Emergency Registrants (as of Mar.27/10:00)

Professionals in various fields re-registering to work to support surge capacity

NOTE: data unavailable for Sunday March 29, 2020. Next data update: Monday March 30, 2020

Physicians												
Date	Family Physician	Pediatrics	Infectious Diseases	Public Health/ Preventative Medicine	Community Medicine	Medical Microbiology	Psychiatry	Anesthesiology	Internal Med /Gastroenterology	Ophthalmology	OBGYN/Maternal-fetal medicine	Total Registrants to Date
March 27	13	3	1	1	1	1	2	2	2	1	1	28 (↑1)
March 26	13	3	1	1	1	1	1	2	1	1	1	26 (↑1)
March 25	13	3	1	1	1	1	1	2	1	1	n/a	25 (↑4)
March 24	11	3	1	1	1	1	1	1	1	1	n/a	21 (↑2)
March 23	9	3	1	1	1	1	1	1	1	1	n/a	19

Nursing						
Date	Licensed Practical Nurse (LPN)	Registered Nurse	Registered Psychiatric Nurse	Nurse Practitioner	Health Care Assistant*	Total Registrants to Date
March 27	27	149	2	2	129	309 (↑61)
March 26	15	125	2	2	104	248 (↑38)
March 25	13	104	2	2	89	210 (↑41)
March 24	12	92	1	2	62	169(↑90)
March 23	6	70	1	2	0	79

Note: HCA #s include regular registrants (don't have temp registration currently)

Allied Health					
Date	Occupational Therapist	Dietitians	Pharmacist	Physical Therapists	Total Registrants to Date
March 27	0	25 (↑25)	0	249 (↑249)	274 (↑274)
March 26	0	0	0		0
March 25	0	0	0		0
March 24	0	0	0		0
March 23	0	0	0		0

PHO Guides and Orders to Date (as of Mar 28/11:00)

March 27, 2020: PHO ordered that all intermittent vendor markets (farmer's markets) are restricted to food vendors only.

March 26, 2020, PHO gave the following two Orders:

- To compel public and private health sector employers to provide the PHO with personal and employee related information, to manage staff allocation across the province to help prevent spread of COVID-19 in long term care, assisted living, acute care hospitals and extend care.
- To limit staff movement between long term care facilities. This will be short term Order to deal with increasing concerns about long term care facilities until the comprehensive staff management system mentioned above is in place.

March 24, 2020: PHO issued an order that health care providers who work in long term care (LTC) facilities only be scheduled to work at a single site. This is to help with avoiding transmission of COVID-19 across multiple LTC sites.

March 21, 2020: PHO to issue an order to clarify the restrictions for bars and clubs.

March 20, 2020: PHO issued an order under the Public Health Act to restricts restaurants to take-out/delivery only.

March 18, 2020: Mike Farnworth, the Minister of Public Safety and Solicitor General declared a Provincial State of Emergency under the **Emergency Program Act.**

March 17, 2020: The PHO ordered to close all bars and clubs in B.C. effective immediately.

March 17, 2020: B.C. Premier John Horgan has announced the province's schools from Kindergarten to Grade 12 are closed, with no indication of when classes will resume.

March 17, 2020: British Columbia announced a Public Health Emergency under the **Public Health Act** due to the novel coronavirus pandemic.

March 16, 2020: the PHO issued an order under the Public Health Act prohibiting the gatherings of more than 50 people.

March 16, 2020: PHO directed all hospitals in BC to adopt Outbreak Response Phase 2: Hospitals are to undertake only urgent and emergency procedures and postpone all non-urgent scheduled surgeries.

March 16, 2020: PHO directed Lions Gate Hospital in North Vancouver to adopt Outbreak Response Phase 3: The hospital will only accept emergency patients.

March 13, 2020: PHO recommended residents of British Columbia practice social distancing.

March 12, 2020:

- PHO recommended that mass gatherings be limited to 250 people or more.
- PHO issued an order with various restrictions on activities for both "essential workers" and "non-essential workers" to follow.

March 11, 2020: Health Emergency Coordination Center (HECC) activated to a Level 3.

March 30 COVID Update - HA based Tallies

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Daily HA update-March 30 10 AM

	Health Authority					Total N (%)
	FHA	IHA	VIHA	NHA	VCH	
Total number of cases	323	94	67	14	472	970
Number of new cases since last report (since March 29, 2020)	28	8	0	0	34	70
Ever Hospitalized	80	12	9	4	70	175 (18%)
Currently in Hospital	44	6	8	4	44	106
Deaths	2	0	0	0	17	19 (2%)
Number known to be pregnant	3	1	0	1	2	7
Recovered ^a	147	19	24 ^b	5	274	469 (48%)

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

^bThis number is lower than yesterday by 1 due an error in yesterday's line list.

NOTE: Serious outcomes (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. As of March 30, 2020, the number of COVID cases in critical care units are being reported separately by PHSA.

Affected care facilities:

1. Delta View LTCF, FHA

1 COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 1 staff from FHA]

2. Dufferin Care Centre (Coquitlam), FHA

1 COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 1 staff from FHA]

3. Evergreen Baptist Complex (includes Heights - Assisted living, Care - LTC, and Manor - seniors rental), FHA

1 COVID confirmed resident, 1^c COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 1 staff from FHA]

4. The Harrison at Elim Village LTCF, FHA

1 COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 1 staff from FHA]

5. Langley Gardens LTCF, FHA

1 COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 1 staff from FHA]

6. Shaughnessy Care Center LTCF, FHA

1 COVID confirmed resident, 1 COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 1 staff from FHA]

7. Amica Retirement Home LTCF, FHA

1 COVID confirmed staff: none currently in hospital or ICU, 0 deaths [includes 1 staff from FHA]

^cThis number is lower than yesterday by 1. That staff member had not worked in Evergreen Heights since February 20, 2020, and was most recently working in Amica Retirement Home.

Please note VCH did not report any LTCF data on Mar 27, 28, 29, and 30.

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