

Moulton, Holly HLTH:EX

From: HLTH COVID CRHEM HLTH:EX
Sent: November 2, 2020 12:12 PM
To: Brown, Stephen R HLTH:EX
Cc: Pokorny, Peter HLTH:EX; Moulton, Holly HLTH:EX; Rongve, Ian HLTH:EX; Bell, Carolyn P HLTH:EX; Prevost, Jean-Marc GCPE:EX
Subject: PPE Messaging (Monday November 2)

Good afternoon,

Below please find PPE messaging for today's briefing.

Thank you.



COVID Response and Health Emergency Management Division
Ministry of Health

Email: COVID.CRHEM@gov.bc.ca

This email communication is intended solely for the person or entity to which it is addressed and may contain confidential and privileged information. Any review, dissemination or other use without the express written consent of the sender is prohibited. If you are not the intended recipient, please notify me by return email and delete this communication and any copies immediately. Thank you.

PPE Update – Monday November 2, 2020

- To recap BC's cumulative totals, from March to last week's report on Monday October 26, the following PPE has arrived in BC:
 - Just over 7,300,000 N95 or equivalent respirators
 - Just over 75,500,000 surgical or procedure masks
 - Almost 2,800,000 pieces of eye protection, including goggles and face shields
 - Almost 173,000,000 pairs of gloves
 - Almost 12,000,000 gowns

- Many of the items listed above, and other supplies and equipment that have recently arrived, are in our testing process to make sure product meets or exceeds safety requirements before being used in BC's healthcare system.
- Over the last week (since the update last week on Monday October 26 up until yesterday), the following PPE has arrived in BC:
 - **52,366 N95 or equivalent respirators**
 - **49,256,652 surgical or procedure masks**
 - **29,431 pieces of eye protection**
 - **19,137,775 pairs of gloves**
 - **772,730 gowns**
- BC continues to source and test PPE and are working hard to pursue any and all credible leads for safe and effective product for our health system.

Moulton, Holly HLTH:EX

From: Moulton, Holly HLTH:EX
Sent: November 2, 2020 12:43 PM
To: s.17
Subject: PPE Messaging (Monday November 2)

Good afternoon Minister,

Please find below PPE update for today.

Regards,
Holly

PPE Update – Monday November 2, 2020

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Moulton, Holly HLTH:EX

From: Moulton, Holly HLTH:EX
Sent: November 2, 2020 12:54 PM
To: 'Dix, Adrian'
Subject: RE: PPE Messaging (Monday November 2)

Yes, good numbers for masks and gloves this week.
Holly

From: Dix, Adrian^{s.17}
Sent: November 2, 2020 12:48 PM
To: Moulton, Holly HLTH:EX <Holly.Moulton@gov.bc.ca>
Subject: Re: PPE Messaging (Monday November 2)

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

Is that 49 million?

Sent from my iPhone

On Nov 2, 2020, at 12:43 PM, Moulton, Holly HLTH:EX <Holly.Moulton@gov.bc.ca> wrote:

Good afternoon Minister,

Please find below PPE update for today.

Regards,
Holly

PPE Update – Monday November 2, 2020

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Moulton, Holly HLTH:EX

From: HLTH COVID CRHEM HLTH:EX
Sent: November 9, 2020 11:34 AM
To: Brown, Stephen R HLTH:EX
Cc: Pokorny, Peter HLTH:EX; Moulton, Holly HLTH:EX; Rongve, Ian HLTH:EX; Bell, Carolyn P HLTH:EX; Prevost, Jean-Marc GCPE:EX
Subject: PPE Messaging (Monday November 9)

Good morning,

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Thank you.



COVID Response and Health Emergency Management Division
Ministry of Health

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PPE Update – Monday November 9, 2020

- To recap BC's cumulative totals, from March to last week's report on Monday November 2, the following PPE has arrived in BC:
 - **Just over 7,300,000 N95 or equivalent respirators**
 - **Almost 124,500,000 surgical or procedure masks**
 - **Almost 2,800,000 pieces of eye protection, including goggles and face shields**
 - **Almost 192,000,000 pairs of gloves**
 - **Just over 12,500,000 gowns**
- Many of the items listed above, and other supplies and equipment that have recently arrived, are in our testing process to make sure product meets or exceeds safety requirements before being used in BC's healthcare system.

- Over the last week (since the update last week on Monday November 2 up until yesterday), the following PPE has arrived in BC:
 - **69,631 N95 or equivalent respirators**
 - **1,763,850 surgical or procedure masks**
 - **111,845 pieces of eye protection**
 - **30,641,325 pairs of gloves**
 - **629,140 gowns**
- BC continues to source and test PPE and are working hard to pursue any and all credible leads for safe and effective product for our health system.

Moulton, Holly HLTH:EX

From: Pokorny, Peter HLTH:EX
Sent: November 9, 2020 12:11 PM
To: HLTH COVID CRHEM HLTH:EX; Brown, Stephen R HLTH:EX
Cc: Moulton, Holly HLTH:EX; Rongve, Ian HLTH:EX; Bell, Carolyn P HLTH:EX; Prevost, Jean-Marc GCPE:EX
Subject: RE: PPE Messaging (Monday November 9)

Approved. Thanks.

From: HLTH COVID CRHEM HLTH:EX <COVID.CRHEM@gov.bc.ca>
Sent: November 9, 2020 11:34 AM
To: Brown, Stephen R HLTH:EX <Stephen.Brown@gov.bc.ca>
Cc: Pokorny, Peter HLTH:EX <Peter.Pokorny@gov.bc.ca>; Moulton, Holly HLTH:EX <Holly.Moulton@gov.bc.ca>; Rongve, Ian HLTH:EX <Ian.Rongve@gov.bc.ca>; Bell, Carolyn P HLTH:EX <Carolyn.Bell@gov.bc.ca>; Prevost, Jean-Marc GCPE:EX <Jean-Marc.Prevost@gov.bc.ca>
Subject: PPE Messaging (Monday November 9)

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From: Moulton, Holly HLTH:EX
Sent: November 9, 2020 12:13 PM
To: Dix, Adrian HLTH:EX
Cc: van Baarsen, Amanda HLTH:EX
Subject: PPE Messaging (Monday November 9)

Good afternoon Minister,

Please find below PPE update for today.

Regards,
Holly

PPE Update – Monday November 9, 2020

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Moulton, Holly HLTH:EX

From: Pokorny, Peter HLTH:EX
Sent: November 16, 2020 11:44 AM
To: HLTH COVID CRHEM HLTH:EX; Brown, Stephen R HLTH:EX
Cc: Moulton, Holly HLTH:EX; Rongve, Ian HLTH:EX; Bell, Carolyn P HLTH:EX; Prevost, Jean-Marc GCPE:EX
Subject: RE: PPE Messaging (Monday November 16)

Approved as below.

Holly, please note that I've added some language to the highlighted part. Please send this version to Minister.

Thanks,
Peter

From: HLTH COVID CRHEM HLTH:EX <COVID.CRHEM@gov.bc.ca>
Sent: November 16, 2020 11:15 AM
To: Brown, Stephen R HLTH:EX <Stephen.Brown@gov.bc.ca>
Cc: Pokorny, Peter HLTH:EX <Peter.Pokorny@gov.bc.ca>; Moulton, Holly HLTH:EX <Holly.Moulton@gov.bc.ca>; Rongve, Ian HLTH:EX <Ian.Rongve@gov.bc.ca>; Bell, Carolyn P HLTH:EX <Carolyn.Bell@gov.bc.ca>; Prevost, Jean-Marc GCPE:EX <Jean-Marc.Prevost@gov.bc.ca>
Subject: PPE Messaging (Monday November 16)

Good morning,

Below please find PPE messaging for today's briefing.

Thank you.



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Ministry of Health

Email: COVID.CRHEM@gov.bc.ca

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PPE Update – Monday November 16, 2020

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- **Just over 126,000,000 surgical or procedure masks**
- **Almost 2,900,000 pieces of eye protection, including goggles and face shields**
- **Almost 222,500,000 pairs of gloves**
- **Just over 13,300,000 gowns**
- Many of the items listed above, and other supplies and equipment that have recently arrived, are in our testing process to make sure product meets or exceeds safety requirements before being used in BC's healthcare system.
- Over the last week (since the update last week on Monday November 9 up until yesterday), the following PPE has arrived in BC:
 - **49,166 N95 or equivalent respirators**
 - **352,250 surgical or procedure masks**
 - **1,325 pieces of eye protection**
 - **1,164,800 pairs of gloves**
 - **703,974 gowns**
- These numbers do not yet include supplies that arrived in YVR late last week on a massive Antonov cargo plane, which contains 650 cubic metres (or 430 pallets) of PPE for the health care system. The Provincial Health Services Authority supply chain team is working to move that significant volume of PPE to the main warehouse for sorting, counting, and validation. I'll be able to report on these volumes, plus other PPE receive we expect to receive this week, at next week's briefing.
- BC continues to source and test PPE and are working hard to pursue any and all credible leads for safe and effective product for our health system.

From: Moulton, Holly HLTH:EX
Sent: November 16, 2020 11:51 AM
To: Dix, Adrian HLTH:EX
Cc: van Baarsen, Amanda HLTH:EX
Subject: PPE Messaging (Monday November 16)

Good afternoon Minister,

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Holly

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Moulton, Holly HLTH:EX

From: Bell, Carolyn P HLTH:EX
Sent: November 23, 2020 12:40 PM
To: Pokorny, Peter HLTH:EX
Cc: HLTH COVID CRHEM HLTH:EX; Brown, Stephen R HLTH:EX; Moulton, Holly HLTH:EX; Rongve, Ian HLTH:EX; Prevost, Jean-Marc GCPE:EX
Subject: RE: PPE Messaging (Monday November 23)

Changes are perfect. Thanks Peter.

From: Pokorny, Peter HLTH:EX <Peter.Pokorny@gov.bc.ca>
Sent: November 23, 2020 12:33 PM
To: Bell, Carolyn P HLTH:EX <Carolyn.Bell@gov.bc.ca>
Cc: HLTH COVID CRHEM HLTH:EX <COVID.CRHEM@gov.bc.ca>; Brown, Stephen R HLTH:EX <Stephen.Brown@gov.bc.ca>; Moulton, Holly HLTH:EX <Holly.Moulton@gov.bc.ca>; Rongve, Ian HLTH:EX <Ian.Rongve@gov.bc.ca>; Prevost, Jean-Marc GCPE:EX <Jean-Marc.Prevost@gov.bc.ca>
Subject: RE: PPE Messaging (Monday November 23)

Thanks. I've made some minor edits to the highlighted part. Holly, if my changes are OK with Carolyn, can you please clean up highlighting before sending through?

From: Bell, Carolyn P HLTH:EX <Carolyn.Bell@gov.bc.ca>
Sent: November 23, 2020 12:26 PM
To: Pokorny, Peter HLTH:EX <Peter.Pokorny@gov.bc.ca>
Cc: HLTH COVID CRHEM HLTH:EX <COVID.CRHEM@gov.bc.ca>; Brown, Stephen R HLTH:EX <Stephen.Brown@gov.bc.ca>; Moulton, Holly HLTH:EX <Holly.Moulton@gov.bc.ca>; Rongve, Ian HLTH:EX <Ian.Rongve@gov.bc.ca>; Prevost, Jean-Marc GCPE:EX <Jean-Marc.Prevost@gov.bc.ca>
Subject: Re: PPE Messaging (Monday November 23)

s.13

From: HLTH COVID CRHEM HLTH:EX <COVID.CRHEM@gov.bc.ca>
Sent: November 23, 2020 11:56 AM
To: Brown, Stephen R HLTH:EX <Stephen.Brown@gov.bc.ca>
Cc: Pokorny, Peter HLTH:EX <Peter.Pokorny@gov.bc.ca>; Moulton, Holly HLTH:EX <Holly.Moulton@gov.bc.ca>; Rongve, Ian HLTH:EX <Ian.Rongve@gov.bc.ca>; Bell, Carolyn P HLTH:EX

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Thank you.

<image001.jpg>

COVID Response and Health Emergency Management Division
Ministry of Health

Email: COVID.CRHEM@gov.bc.ca

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- Over the last week (since the update last week on Monday November 16 up until yesterday), the following PPE has arrived in BC:

- 268,616 N95 or equivalent respirators
- 4,292,350 surgical or procedure masks
- 5,100 pieces of eye protection
- 11,780,550 pairs of gloves
- 1,023,275 gowns
- These numbers do not yet include all of the supplies that arrived in YVR on a massive Antonov cargo carrier on Thursday, November 12. PHSA Supply Chain is working to inspect and sort that huge arrival, but as of today we understand that shipment to include:
 - 43.2 million pairs of gloves
 - 105,540 gowns
 - 24 million procedure masks
 - 21,600 procedure masks with visor
- BC continues to source and test PPE and we are working hard to pursue any and all credible leads for safe and effective product for our health system.

From: Moulton, Holly HLTH:EX
Sent: November 23, 2020 12:45 PM
To: Dix, Adrian HLTH:EX
Cc: van Baarsen, Amanda HLTH:EX
Subject: PPE Messaging (Monday November 23)

Good afternoon Minister,

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Holly

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Moulton, Holly HLTH:EX

From: Pokorny, Peter HLTH:EX
Sent: November 26, 2020 9:31 AM
To: Bell, Carolyn P HLTH:EX; Gold, Crystal HLTH:EX
Cc: Thistle-Walker, Carlene HLTH:EX; Moulton, Holly HLTH:EX; Rongve, Ian HLTH:EX
Subject: RE: AS DISCUSSED -- updated -- for Ian/ Peter review -- Health PPE Portal comms materials

This is a great package. Thanks for all the hard work on this. Approved.

I'm attaching the Key Messages document and copying Holly. My advice is to send this document to the Minister on Monday morning, both so he's aware of what's going on and also so he can consider saying something about it during Monday's media avail. Important though -- after this rolls out, Carolyn will need to update the second to last bullet in the document to put it in past tense (i.e. say we rolled it out on Friday). It would be a nice segue for him to move from the usual PPE update to a discussion about how our success in procuring PPE has allowed us to support GPs, NPs and community care generally through this program.



KM - Health PPE
Portal - provi...

Thanks,
Peter

From: Bell, Carolyn P HLTH:EX <Carolyn.Bell@gov.bc.ca>
Sent: November 25, 2020 4:55 PM
To: Gold, Crystal HLTH:EX <Crystal.Gold@gov.bc.ca>; Pokorny, Peter HLTH:EX <Peter.Pokorny@gov.bc.ca>
Cc: Thistle-Walker, Carlene HLTH:EX <Carlene.ThistleWalker@gov.bc.ca>
Subject: FW: AS DISCUSSED -- updated -- for Ian/ Peter review -- Health PPE Portal comms materials

As Katrina has left for the day and Ian has approved, I am forwarding for Peter's review as the turn around is needed tomorrow to go live on Friday.

From: Bell, Carolyn P HLTH:EX
Sent: November 25, 2020 4:27 PM
To: Brook, Katrina J HLTH:EX <Katrina.Brook@gov.bc.ca>
Subject: FW: AS DISCUSSED -- updated -- for Ian/ Peter review -- Health PPE Portal comms materials

Ian has approved. Please send to Crystal for Peter's review and approval. thanks

From: Bell, Carolyn P HLTH:EX
Sent: November 25, 2020 3:53 PM
To: Rongve, Ian HLTH:EX <Ian.Rongve@gov.bc.ca>
Cc: Brook, Katrina J HLTH:EX <Katrina.Brook@gov.bc.ca>; Thistle-Walker, Carlene HLTH:EX

<Carlene.ThistleWalker@gov.bc.ca>

Subject: FW: AS DISCUSSED -- updated -- for Ian/ Peter review -- Health PPE Portal comms materials

Hi Ian, Please seen the comms materials for the new PPE portal for your review and then to Peter for final review.

Carolyn

From: Thistle-Walker, Carlene HLTH:EX <Carlene.ThistleWalker@gov.bc.ca>

Sent: November 25, 2020 3:46 PM

To: Bell, Carolyn P HLTH:EX <Carolyn.Bell@gov.bc.ca>

Cc: Shorter, Richele HLTH:EX <Richele.Shorter@gov.bc.ca>; Daly, Scott HLTH:EX <Scott.Daly@gov.bc.ca>

Subject: AS DISCUSSED -- updated -- for Ian/ Peter review -- Health PPE Portal comms materials

Hi Carolyn,

As discussed, attached are the materials for the Health PPE portal. For final approval are:

Approved by Ian and Shana obo Ted (and also reviewed by Natasha and Zak and seen by Doctors of BC and NNPBC) are:

- Memo to be distributed by BC Mail Plus beginning November, 27
<< File: HLTPE.SR1603999114.NOV.25.2020_SAMPLE.pdf >>
- Memo - to be distributed by Docs of BC and NNPBC as a heads up that the letters are coming
<< File: MEMO_HLTH PPE general roll out_November 25 2020_V3.docx >>
- QA document to be posted online (in password protected area) to coincide.
<< File: QA - PPE Health Portal November 25_2020V2.docx >>
- Overarching key messages

<< File: KM - Health PPE Portal - providers- November 25 2020_228 p.m_.docx >>
- Bullets for inclusion in the minister's PPE update, if desired

<< File: Bullets for PPE Update - November 25 2020.docx >>

Let me know if you have any questions or anything additional needed.

Health PPE Portal – Key Messages

- Since March, health-care providers in every region of the province have played an integral role in B.C.'s response to the COVID-19 pandemic.
- We thank you for everything you have done to support patient care during this unprecedented time.
- You have had to adapt the way you deliver care to protect your own health and that of your staff and patients.
- We know that online visits and phone consultations are useful tools in providing patient-centred care and will continue to play an important role in clinical practices during the COVID-19 pandemic, and beyond.
- However, we recognize that for British Columbians to get the health-care they need, in-person visits are often required to properly assess and treat conditions.
- As the COVID-19 pandemic continues to evolve, we know that in-person health care requires reliable access to personal protective equipment or PPE to keep health-care providers and patients safe.
- We recognize that a consistent approach to access to PPE has been a challenge at times for general practitioners, nurse practitioners and specialist physicians working in community clinics.
- We are committed to providing adequate personal protective equipment to health authorities and our health-care providers. It is part of B.C.'s health sector plan for fall/winter 2020/21 for the management of COVID-19 and we continue to source and strengthen our supply chain for PPE.
- And that is why the Province has worked with the Provincial Health Services Authority and the Ministry of Citizens' to create the Health PPE Portal,

which will streamline access to PPE and critical supplies for the duration of the COVID-19 pandemic.

- Starting at today, in a phased roll out by health authority (Fraser Health, Vancouver Coastal Health, Interior Health, Island Health and Northern Health), general practitioners, nurse practitioners and specialist physicians working in community clinics will be able to access PPE as well as critical supplies through the portal for the duration of the pandemic.
- This will help ensure that our health-care providers have the PPE they need and, that British Columbians can continue to access the health-care they require, while we all work together to overcome COVID-19.

Moulton, Holly HLTH:EX

From: Patterson, Catherine M HLTH:EX
Sent: November 30, 2020 12:15 PM
To: Brown, Stephen R HLTH:EX
Cc: Pokorny, Peter HLTH:EX; Moulton, Holly HLTH:EX; Rongve, Ian HLTH:EX; Bell, Carolyn P HLTH:EX; Prevost, Jean-Marc GCPE:EX
Subject: PPE Messaging (Monday November 30)
Attachments: KM - Health PPE Portal - providers- November 25 2020_228 p.m_.docx

Good afternoon,

Below please find PPE messaging for today's briefing. Key Messages for PPE Physician's Portal attached.

Thank you.



COVID Response and Health Emergency Management Division
Ministry of Health

Email: COVID.CRHEM@gov.bc.ca

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PPE Update – Monday November 30, 2020

- To recap BC's cumulative totals, from March to last week's report on Monday November 23, the following PPE has arrived in BC:
 - **Just over 7,700,000 N95 or equivalent respirators**
 - **Almost 130,700,000 surgical or procedure masks**
 - **Almost 2,900,000 pieces of eye protection, including goggles and face shields**
 - **Almost 235,400,000 pairs of gloves**
 - **Just over 15,000,000 gowns**

- Many of the items listed above, and other supplies and equipment that have recently arrived, are in our testing process to make sure product meets or exceeds safety requirements before being used in BC's healthcare system.
- Over the last week (since the update last week on Monday November 23 up until yesterday), the following PPE has arrived in BC:
 - **30,586 N95 or equivalent respirators**
 - **1,863,700 surgical or procedure masks**
 - **8,782 pieces of eye protection**
 - **21,448,030 pairs of gloves**
 - **1,963,780 gowns**
- These numbers do not yet include the significant deliveries that arrived in YVR as I mentioned last week as these items are still being processed into inventory. This includes:
 - 43.2 million pairs of gloves
 - 105,540 gowns
 - 24 million procedure masks
 - 21,600 procedure masks with visor
- BC continues to source and test PPE and are working hard to pursue any and all credible leads for safe and effective product for our health system.

From: Moulton, Holly HLTH:EX
Sent: November 30, 2020 12:33 PM
To: Dix, Adrian HLTH:EX
Cc: van Baarsen, Amanda HLTH:EX; MacDonald, Alex LBR:EX; Yeung, Lucinda HLTH:EX; Pham, Thuy HLTH:EX; Szabo, Maria HLTH:EX
Subject: PPE Messaging (Monday November 30)
Attachments: KM - Health PPE Portal - providers- November 25 2020_228 p.m_.docx

Good afternoon Minister,

Please find below PPE update for today and in addition key messages for PPE Physician's Portal attached.

Regards,
Holly

PPE Update – Monday November 30, 2020

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Health PPE Portal – Key Messages

- Since March, health-care providers in every region of the province have played an integral role in B.C.'s response to the COVID-19 pandemic.
- We thank you for everything you have done to support patient care during this unprecedented time.
- You have had to adapt the way you deliver care to protect your own health and that of your staff and patients.
- We know that online visits and phone consultations are useful tools in providing patient-centred care and will continue to play an important role in clinical practices during the COVID-19 pandemic, and beyond.
- However, we recognize that for British Columbians to get the health-care they need, in-person visits are often required to properly assess and treat conditions.
- As the COVID-19 pandemic continues to evolve, we know that in-person health care requires reliable access to personal protective equipment or PPE to keep health-care providers and patients safe.
- We recognize that a consistent approach to access to PPE has been a challenge at times for general practitioners, nurse practitioners and specialist physicians working in community clinics.
- We are committed to providing adequate personal protective equipment to health authorities and our health-care providers. It is part of B.C.'s health sector plan for fall/winter 2020/21 for the management of COVID-19 and we continue to source and strengthen our supply chain for PPE.
- And that is why the Province has worked with the Provincial Health Services Authority and the Ministry of Citizens' to create the Health PPE Portal,

which will streamline access to PPE and critical supplies for the duration of the COVID-19 pandemic.

- Starting today November 30, in a phased roll out by health authority (Fraser Health, Vancouver Coastal, Interior Health, Island Health, Northern Health), general practitioners, nurse practitioners and specialist physicians working in community clinics will be able to access PPE as well as critical supplies through the portal for the duration of the pandemic.
- This will help ensure that our health-care providers have the PPE they need and, that British Columbians can continue to access the health-care they require, while we all work together to overcome COVID-19.

Moulton, Holly HLTH:EX

From: Pokorny, Peter HLTH:EX
Sent: December 7, 2020 1:13 PM
To: Moulton, Holly HLTH:EX
Cc: Rongve, Ian HLTH:EX; Bell, Carolyn P HLTH:EX
Subject: FW: MO Messaging Dec 7 for approval

This is approved, in case Minister decides not to do PPE deck and instead just provides his usual weekly update. Thanks.

From: Grant, Kristen L HLTH:EX <Kristen.Grant@gov.bc.ca>
Sent: December 7, 2020 10:31 AM
To: Vowles, Wendy M HLTH:EX <Wendy.Vowles@gov.bc.ca>
Cc: Tang, Lydia HLTH:EX <Lydia.Tang@gov.bc.ca>
Subject: MO Messaging Dec 7 for approval

Hi Wendy,

Here is the MO messaging for today below and [linked](#).

PPE Update – Monday December 7, 2020

- To recap BC's cumulative totals, from March to last week's report on Monday November 30, the following PPE has arrived in BC:
 - **Almost 7,800,000 N95 or equivalent respirators**
 - **Just over 132,500,000 surgical or procedure masks**
 - **Just over 2,900,000 pieces of eye protection, including goggles and face shields**
 - **Just over 256,800,000 pairs of gloves**
 - **Just over 17,000,000 gowns**
- Many of the items listed above, and other supplies and equipment that have recently arrived, are in our testing process to make sure product meets or exceeds safety requirements before being used in BC's healthcare system.
- Over the last week (since the update last week on Monday November 30 up until yesterday), the following PPE has arrived in BC:

- **75,801 N95 or equivalent respirators**
 - **680,500 surgical or procedure masks**
 - **184,656 pieces of eye protection**
 - **87,904,050 pairs of gloves**
 - **1,738,920 gowns**
- BC continues to source and test PPE and are working hard to pursue any and all credible leads for safe and effective product for our health system.
 - All supplies arriving on the Antonov cargo planes in November have been received into inventory with the exception of the gloves, which are still being reviewed and assessed for use in the health care system.



Kristen Grant
Sr. Policy Analyst, Logistics Strategy
COVID Response & Health Emergency Management Division
Ministry of Health
PO Box 9639 Stn Prov Govt, Victoria BC V8W 9P1
Tel: (236) 478-1270

From: Moulton, Holly HLTH:EX
Sent: December 7, 2020 2:40 PM
To: van Baarsen, Amanda HLTH:EX
Cc: MacDonald, Alex LBR:EX
Subject: MO Messaging Dec 7

PPE Update – Monday December 7, 2020

- To recap BC's cumulative totals, from March to last week's report on Monday November 30, the following PPE has arrived in BC:
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Sr. Policy Analyst, Logistics Strategy
COVID Response & Health Emergency Management Division
Ministry of Health
PO Box 9639 Stn Prov Govt, Victoria BC V8W 9P1
Tel: (236) 478-1270

Moulton, Holly HLTH:EX

From: Pokorny, Peter HLTH:EX
Sent: December 10, 2020 9:03 AM
To: Dix, Adrian HLTH:EX
Cc: van Baarsen, Amanda HLTH:EX; Brown, Stephen R HLTH:EX; Moulton, Holly HLTH:EX
Subject: Revised PPE Speaking Notes
Attachments: PPE Speaking Notes (V2).docx

Hi Minister – I have attached refreshed PPE speaking notes. Specifically, I've added additional information and context to the "Contingency" information on page 3.

As discussed with you earlier this week, the table with inventory information that I had sent is being updated to provide a clear line of sight between the volumes reported publicly through your weekly briefings and the inventory categories discussed in the attached note.

Thanks,
Peter

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

PPE Update

- Our focus, since the beginning, has been on sourcing safe and high-quality PPE for our health system.
- The supply chain for PPE has been an international crisis since the first days of the pandemic. We, like other jurisdictions, have experienced:
 1. Unprecedented international demand for PPE;
 2. Significant disruptions to international manufacturing capacity;
 3. Severely disrupted logistics and shipping for international trade;
 4. Restrictions and protectionist policies from our key trade partners (for example: US Defense Production Act preventing export of masks to Canada, and Chinese restrictions on the export of medical products without notice in late March at the peak of demand);
 5. Significant price increases and price variability for PPE (Appendix A);
 6. New, alternative, untested PPE on the market from new or unknown suppliers; and
 7. Significant turn around time for the testing of PPE (2-3 months),
- We knew we needed to ensure that healthcare workers had the PPE they needed, when they need it and where they need it.
- Since the beginning of the pandemic, we've put an extraordinary amount of effort into sourcing PPE. We have:
 1. Continued to access product from our traditional, reliable vendors wherever possible;
 2. Pursued new vendors, with the objective of sourcing large, bulk quantity purchases;
 3. Worked with the Federal Government to access PPE through their bulk procurement initiative;
 4. Pursued local and domestic capacity: BC-based and Canadian manufacturers have started producing gowns and masks (not N95s or gloves);

5. Established our own logistical solutions, including a cargo plane contract that flies to BC weekly;
 6. Hired independent supply chain experts to assist with due diligence on vendors and products, and to advise on deal execution; and
 7. Established our own Provincial PPE Testing Lab in Vancouver in March, which was accredited by the Canadian Standards Association on October 23, 2020.
- Without a doubt, the sourcing of safe, high-quality N95 respirators has been the biggest challenge – not just for BC, but everywhere.
 1. N95 or equivalent respirators are complex products with specialized raw material and production requirements; and
 2. They need to have excellent filtration properties, but also need to fit the face of each individual user to the point of a full seal.
 - Our efforts to source PPE have allowed us to:
 - Keep pace and ensure that healthcare workers have the PPE they need
 - Ensure that Long Term Care and Assisted Living providers (including privates and independents) are provided access to BC's supply chain.
 - Ensure supply of PPE to support our Surgical Renewal and the increase in health services starting in May 2020.
 - Establish a portal that provides free and direct access for GPs, NPs, and other community providers to ensure safe provision of in-person care as required by British Columbians
 - Focus on building a stockpile to mitigate risk of further supply chain disruptions as we saw in the Spring.

Inventory Information

- As I've reported weekly, we've had good success bringing PPE into BC.
- And as I've also said weekly, we assess and test all product that we bring into BC before it has any chance of making it into the health care system.

- The focus has been on sourcing and procurement – we’ve kept pace with demand and we’ve been working toward building a 9-month stockpile to mitigate risk of further or unexpected supply chain issues in the days, weeks, or months ahead.
- We’ve made good progress.
- We have essentially three categories of product in our inventories and warehouses:
 - **In our Distribution Network:** Product that meets all standards and is acceptable and appropriate for use in our health system right away;
 - **Contingency:** Product that is not standard inventory, but that we keep as a contingency in the highly unlikely circumstance where we have no other supply. This category of product may be modified for use (e.g. engineered for improved fit), or it may meet comparably/equivalent standards in jurisdictions outside of North America (but not be NIOSH certified), or it may be appropriate for alternate use (e.g. an N95 respirator that doesn’t quite meet filtration standards may be entirely suitable for use as a surgical or procedure mask).

Our contingency products are kept in a separate warehouse, ringfenced from any and all distribution channels, to ensure they are not inadvertently put into use in our health system until or unless they are needed (i.e. no other PPE options are available). Contingency product can NOT be distributed unless directed by the Ministry of Health.

Most of the PPE in the Contingency category was either donated or procured in the first 3 months of pandemic response when supply chains were in their most chaotic state. Since that time, the Ministry of Health has engaged supply chain experts to support due diligence and deal execution, and international supply chains have begun to stabilize.

- **Not Suitable for Use:** Product that is clearly unacceptable for use in the health system but could be considered for use outside of the health sector.
- A full and thorough reconciliation of our inventories will need to occur through our fiscal year end reporting, but I wanted to provide some estimates today, as I know there’s a desire from the public and from health care workers to

understand where we sit today in terms of product inventories. See attached table for detail

- Here are some highlights from the inventory information:
 - These are aggregated numbers. Within our total inventory numbers for each product, there are still some challenges procuring specific models or sizes. Sourcing those specific items is the daily work of our supply chain team.
 - Clearly, there is a significant volume of donated PPE, which includes contributions from the Federal government, and efforts of community organizations, donations from businesses, and private donations. We're extremely grateful for this. Unfortunately, many of these donations have been deemed unsuitable for use in health care, but we are working with our partners at Emergency Management BC and elsewhere to find other suitable uses for these products.

Appendix A – Cost Variability over Time

	Pre-COVID Pricing	COVID Peak Pricing	Previously Reported (July 2020)	More recent market data	Difference
Supply Name	Average Unit Price (CAD\$)	Average Unit Price (CAD\$)	Average Unit Price (CAD\$)	Average Unit Price (CAD\$)	Pre-COVID vs. Peaks
N95 Respirators or Equivalent	0.62	5.00 to 9.24	3.19 to 6.80	1.50 to 9.25	6 to 10 X
Surgical or Procedure Masks	0.15	0.46 to 1.25	0.20 to 0.65	0.21 to 0.75	1.5 to 8.5 X
Gowns (depending on type)	0.65 to 4.40	2.20 to 9.79	2.20 to 8.45	5.07 to 9.80	2 to 3.5 X
Gloves (individual)	0.11	1.76	0.1	0.32 to 1.76	2.9 to 16 X
Goggles	1.12	4.19	3.5	NA	3 to 4 X
Face Shields	2.5	6	3.5	NA	Not material

Moulton, Holly HLTH:EX

From: Pokorny, Peter HLTH:EX
Sent: December 14, 2020 12:41 PM
To: Moulton, Holly HLTH:EX
Subject: FW: FOR APPROVAL: Today's PPE Messaging

Approved.

From: Patterson, Catherine M HLTH:EX <Catherine.Patterson@gov.bc.ca>
Sent: December 14, 2020 12:23 PM
To: Pokorny, Peter HLTH:EX <Peter.Pokorny@gov.bc.ca>
Cc: Rongve, Ian HLTH:EX <Ian.Rongve@gov.bc.ca>
Subject: FOR APPROVAL: Today's PPE Messaging

FOR APPROVAL PLEASE.

From: Bell, Carolyn P HLTH:EX <Carolyn.Bell@gov.bc.ca>
Sent: December 14, 2020 11:27 AM
To: Rongve, Ian HLTH:EX <Ian.Rongve@gov.bc.ca>
Cc: Vowles, Wendy M HLTH:EX <Wendy.Vowles@gov.bc.ca>
Subject: FW: 2020 12 14 PPE Inventory V7.xlsx

PPE Update – Monday December 14, 2020

- To recap BC's cumulative totals, from March to last week's report on Monday December 7, the following PPE has arrived in BC:
 - **Just over 7,850,000 N95 or equivalent respirators**
 - **Just over 133,200,000 surgical or procedure masks**
 - **Just over 3,087,000 pieces of eye protection, including goggles and face shields**
 - **Almost 306,000,000 pairs of gloves**
 - **Almost 18,500,000 gowns**
- Many of the items listed above, and other supplies, and equipment that have recently arrived, are in our testing process to make sure product meets or exceeds safety requirements before being used in BC's healthcare system.

- Over the last week, (since the update last week on Monday December 7 up to yesterday) the following PPE has arrived in BC:
 - **95,700 N95 or equivalent respirators**
 - **4,397,200 surgical or procedure masks**
 - **3,664 pieces of eye protection**
- BC continues to source and test PPE and we are working hard to pursue any and all credible leads for safe and effective product for our health system.

Moulton, Holly HLTH:EX

From: Moulton, Holly HLTH:EX
Sent: December 14, 2020 12:46 PM
To: Dix, Adrian HLTH:EX
Cc: van Baarsen, Amanda HLTH:EX; MacDonald, Alex HLTH:EX
Subject: PPE Messaging (Monday December 14)

Good afternoon Minister,

Please find below PPE update for today.

Regards,
Holly

PPE Update – Monday December 14, 2020

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From: [Pokorny, Peter HLTH:EX](#)
To: [Moulton, Holly HLTH:EX](#)
Cc: [Rongve, Ian HLTH:EX](#); [Bell, Carolyn P HLTH:EX](#)
Subject: FW: MO Messaging Dec 7 for approval
Date: December 7, 2020 1:12:47 PM

This is approved, in case Minister decides not to do PPE deck and instead just provides his usual weekly update. Thanks.

From: Grant, Kristen L HLTH:EX <Kristen.Grant@gov.bc.ca>
Sent: December 7, 2020 10:31 AM
To: Vowles, Wendy M HLTH:EX <Wendy.Vowles@gov.bc.ca>
Cc: Tang, Lydia HLTH:EX <Lydia.Tang@gov.bc.ca>
Subject: MO Messaging Dec 7 for approval

Hi Wendy,

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COVID Response & Health Emergency Management Division
Ministry of Health
PO Box 9639 Stn Prov Govt, Victoria BC V8W 9P1
Tel: (236) 478-1270

From: [Patterson, Catherine M HLTH:EX](#)
To: [Brown, Stephen R HLTH:EX](#)
Cc: [Pokorny, Peter HLTH:EX](#); [Moulton, Holly HLTH:EX](#); [Rongve, Ian HLTH:EX](#); [Bell, Carolyn P HLTH:EX](#); [Prevost, Jean-Marc GCPE:EX](#)
Subject: PPE Messaging (Monday November 30)
Date: November 30, 2020 12:15:03 PM
Attachments: [KM - Health PPE Portal - providers- November 25 2020 228 p.m .docx](#)

Good afternoon,

Below please find PPE messaging for today's briefing. Key Messages for PPE Physician's Portal attached.

Thank you.



COVID Response and Health Emergency Management Division
Ministry of Health

Email: COVID.CRHEM@gov.bc.ca

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 - **Just over 15,000,000 gowns**
- Many of the items listed above, and other supplies and equipment

Health PPE Portal – Key Messages

- Since March, health-care providers in every region of the province have played an integral role in B.C.'s response to the COVID-19 pandemic.
- We thank you for everything you have done to support patient care during this unprecedented time.
- You have had to adapt the way you deliver care to protect your own health and that of your staff and patients.
- We know that online visits and phone consultations are useful tools in providing patient-centred care and will continue to play an important role in clinical practices during the COVID-19 pandemic, and beyond.
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- We are committed to providing adequate personal protective equipment to health authorities and our health-care providers. It is part of [B.C.'s health sector plan for fall/winter 2020/21 for the management of COVID-19](#) and we continue to source and strengthen our supply chain for PPE.
- And that is why the Province has worked with the Provincial Health Services Authority and the Ministry of Citizens' to create the Health PPE Portal,

which will streamline access to PPE and critical supplies for the duration of the COVID-19 pandemic.

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 - 105,540 gowns
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 - 21,600 procedure masks with visor
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From: [Pokorny, Peter HLTH:EX](#)
To: [HLTH COVID CRHEM HLTH:EX](#); [Brown, Stephen R HLTH:EX](#)
Cc: [Moulton, Holly HLTH:EX](#); [Rongve, Ian HLTH:EX](#); [Bell, Carolyn P HLTH:EX](#); [Prevost, Jean-Marc GCPE:EX](#)
Subject: RE: PPE Messaging (Monday November 2)
Date: November 2, 2020 12:22:09 PM

Approved. (Noting huge numbers this week for masks and gloves!)

From: HLTH COVID CRHEM HLTH:EX <COVID.CRHEM@gov.bc.ca>
Sent: November 2, 2020 12:12 PM
To: Brown, Stephen R HLTH:EX <Stephen.Brown@gov.bc.ca>
Cc: Pokorny, Peter HLTH:EX <Peter.Pokorny@gov.bc.ca>; Moulton, Holly HLTH:EX <Holly.Moulton@gov.bc.ca>; Rongve, Ian HLTH:EX <Ian.Rongve@gov.bc.ca>; Bell, Carolyn P HLTH:EX <Carolyn.Bell@gov.bc.ca>; Prevost, Jean-Marc GCPE:EX <Jean-Marc.Prevost@gov.bc.ca>
Subject: PPE Messaging (Monday November 2)

Good afternoon,

Below please find PPE messaging for today's briefing.

Thank you.



COVID Response and Health Emergency Management Division
Ministry of Health

Email: COVID.CRHEM@gov.bc.ca

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PPE Update – Monday November 2, 2020

- To recap BC's cumulative totals, from March to last week's report on Monday October 26, the following PPE has arrived in BC:
 - **Just over 7,300,000 N95 or equivalent respirators**
 - **Just over 75,500,000 surgical or procedure masks**
 -

Almost 2,800,000 pieces of eye protection, including goggles and face shields

- **Almost 173,000,000 pairs of gloves**

- **Almost 12,000,000 gowns**

- Many of the items listed above, and other supplies and equipment that have recently arrived, are in our testing process to make sure product meets or exceeds safety requirements before being used in BC's healthcare system.
- Over the last week (since the update last week on Monday October 26 up until yesterday), the following PPE has arrived in BC:

- **52,366 N95 or equivalent respirators**

- **49,256,652 surgical or procedure masks**

- **29,431 pieces of eye protection**

- **19,137,775 pairs of gloves**

- **772,730 gowns**

- BC continues to source and test PPE and are working hard to pursue any and all credible leads for safe and effective product for our health system.

From: [Pokorny, Peter HLTH:EX](#)
To: [HLTH COVID CRHEM HLTH:EX](#); [Brown, Stephen R HLTH:EX](#)
Cc: [Moulton, Holly HLTH:EX](#); [Rongve, Ian HLTH:EX](#); [Bell, Carolyn P HLTH:EX](#); [Prevost, Jean-Marc GCPE:EX](#)
Subject: RE: PPE Messaging (Monday November 9)
Date: November 9, 2020 12:10:50 PM

Approved. Thanks.

From: HLTH COVID CRHEM HLTH:EX <COVID.CRHEM@gov.bc.ca>
Sent: November 9, 2020 11:34 AM
To: Brown, Stephen R HLTH:EX <Stephen.Brown@gov.bc.ca>
Cc: Pokorny, Peter HLTH:EX <Peter.Pokorny@gov.bc.ca>; Moulton, Holly HLTH:EX <Holly.Moulton@gov.bc.ca>; Rongve, Ian HLTH:EX <Ian.Rongve@gov.bc.ca>; Bell, Carolyn P HLTH:EX <Carolyn.Bell@gov.bc.ca>; Prevost, Jean-Marc GCPE:EX <Jean-Marc.Prevost@gov.bc.ca>
Subject: PPE Messaging (Monday November 9)

Good morning,

Below please find PPE messaging for today's briefing.

Thank you.



COVID Response and Health Emergency Management Division
Ministry of Health

Email: COVID.CRHEM@gov.bc.ca

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PPE Update – Monday November 9, 2020

- To recap BC's cumulative totals, from March to last week's report on Monday November 2, the following PPE has arrived in BC:
 - **Just over 7,300,000 N95 or equivalent respirators**
 - **Almost 124,500,000 surgical or procedure masks**
 - **Almost 2,800,000 pieces of eye protection, including goggles and face shields**

- **Almost 192,000,000 pairs of gloves**
- **Just over 12,500,000 gowns**
- Many of the items listed above, and other supplies and equipment that have recently arrived, are in our testing process to make sure product meets or exceeds safety requirements before being used in BC's healthcare system.
- Over the last week (since the update last week on Monday November 2 up until yesterday), the following PPE has arrived in BC:
 - **69,631 N95 or equivalent respirators**
 - **1,763,850 surgical or procedure masks**
 - **111,845 pieces of eye protection**
 - **30,641,325 pairs of gloves**
 - **629,140 gowns**
- BC continues to source and test PPE and are working hard to pursue any and all credible leads for safe and effective product for our health system.

From: [Pokorny, Peter HLTH:EX](#)
To: [HLTH COVID CRHEM HLTH:EX](#); [Brown, Stephen R HLTH:EX](#)
Cc: [Moulton, Holly HLTH:EX](#); [Rongve, Ian HLTH:EX](#); [Bell, Carolyn P HLTH:EX](#); [Prevost, Jean-Marc GCPE:EX](#)
Subject: RE: PPE Messaging (Monday November 16)
Date: November 16, 2020 11:43:57 AM

Approved as below.

Holly, please note that I've added some language to the highlighted part. Please send this version to Minister.

Thanks,
Peter

From: HLTH COVID CRHEM HLTH:EX <COVID.CRHEM@gov.bc.ca>
Sent: November 16, 2020 11:15 AM
To: Brown, Stephen R HLTH:EX <Stephen.Brown@gov.bc.ca>
Cc: Pokorny, Peter HLTH:EX <Peter.Pokorny@gov.bc.ca>; Moulton, Holly HLTH:EX <Holly.Moulton@gov.bc.ca>; Rongve, Ian HLTH:EX <Ian.Rongve@gov.bc.ca>; Bell, Carolyn P HLTH:EX <Carolyn.Bell@gov.bc.ca>; Prevost, Jean-Marc GCPE:EX <Jean-Marc.Prevost@gov.bc.ca>
Subject: PPE Messaging (Monday November 16)

Good morning,

Below please find PPE messaging for today's briefing.

Thank you.



COVID Response and Health Emergency Management Division
Ministry of Health

Email: COVID.CRHEM@gov.bc.ca

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PPE Update – Monday November 16, 2020

- To recap BC's cumulative totals, from March to last week's report on Monday November 9, the following PPE has arrived in BC:
 - **Just over 7,400,000 N95 or equivalent respirators**

- **Just over 126,000,000 surgical or procedure masks**
- **Almost 2,900,000 pieces of eye protection, including goggles and face shields**
- **Almost 222,500,000 pairs of gloves**
- **Just over 13,300,000 gowns**
- Many of the items listed above, and other supplies and equipment that have recently arrived, are in our testing process to make sure product meets or exceeds safety requirements before being used in BC's healthcare system.
- Over the last week (since the update last week on Monday November 9 up until yesterday), the following PPE has arrived in BC:
 - **49,166 N95 or equivalent respirators**
 - **352,250 surgical or procedure masks**
 - **1,325 pieces of eye protection**
 - **1,164,800 pairs of gloves**
 - **703,974 gowns**
- These numbers do not yet include supplies that arrived in YVR late last week on a massive Antonov cargo plane, which contains 650 cubic metres (or 430 pallets) of PPE for the health care system. The Provincial Health Services Authority supply chain team is working to move that significant volume of PPE to the main warehouse for sorting, counting, and validation. I'll be able to report on these volumes, plus other PPE receive we expect to

receive this week, at next week's briefing.

- BC continues to source and test PPE and are working hard to pursue any and all credible leads for safe and effective product for our health system.

From: [Pokorny, Peter HLTH:EX](#)
To: [Bell, Carolyn P HLTH:EX](#)
Cc: [HLTH COVID CRHEM HLTH:EX](#); [Brown, Stephen R HLTH:EX](#); [Moulton, Holly HLTH:EX](#); [Rongve, Ian HLTH:EX](#); [Prevost, Jean-Marc GCPE:EX](#)
Subject: RE: PPE Messaging (Monday November 23)
Date: November 23, 2020 12:32:52 PM

Thanks. I've made some minor edits to the highlighted part. Holly, if my changes are OK with Carolyn, can you please clean up highlighting before sending through?

From: Bell, Carolyn P HLTH:EX <Carolyn.Bell@gov.bc.ca>
Sent: November 23, 2020 12:26 PM
To: Pokorny, Peter HLTH:EX <Peter.Pokorny@gov.bc.ca>
Cc: HLTH COVID CRHEM HLTH:EX <COVID.CRHEM@gov.bc.ca>; Brown, Stephen R HLTH:EX <Stephen.Brown@gov.bc.ca>; Moulton, Holly HLTH:EX <Holly.Moulton@gov.bc.ca>; Rongve, Ian HLTH:EX <Ian.Rongve@gov.bc.ca>; Prevost, Jean-Marc GCPE:EX <Jean-Marc.Prevost@gov.bc.ca>
Subject: Re: PPE Messaging (Monday November 23)

s.13

From: HLTH COVID CRHEM HLTH:EX <[COVID.CRHEM@gov.bc.ca](#)>
Sent: November 23, 2020 11:56 AM
To: Brown, Stephen R HLTH:EX <[Stephen.Brown@gov.bc.ca](#)>
Cc: Pokorny, Peter HLTH:EX <[Peter.Pokorny@gov.bc.ca](#)>; Moulton, Holly HLTH:EX <[Holly.Moulton@gov.bc.ca](#)>; Rongve, Ian HLTH:EX <[Ian.Rongve@gov.bc.ca](#)>; Bell, Carolyn P HLTH:EX <[Carolyn.Bell@gov.bc.ca](#)>; Prevost, Jean-Marc GCPE:EX <[Jean-Marc.Prevost@gov.bc.ca](#)>
Subject: RE: PPE Messaging (Monday November 23)

Good morning,

Below please find PPE messaging for today's briefing.

Thank you.



COVID Response and Health Emergency Management Division
Ministry of Health

Email: COVID.CRHEM@gov.bc.ca

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PPE Update – Monday November 23, 2020

- To recap BC's cumulative totals, from March to last week's report on Monday November 16, the following PPE has arrived in BC:
 - **Almost 7,500,000 N95 or equivalent respirators**
 - **Almost 126,400,000 surgical or procedure masks**
 - **Almost 2,900,000 pieces of eye protection, including goggles and face shields**
 - **Just over 223,600,000 pairs of gloves**
 - **Just over 14,000,000 gowns**
- Many of the items listed above, and other supplies and equipment that have recently arrived, are in our testing process to make sure product meets or exceeds safety requirements before being used in BC's healthcare system.

- Over the last week (since the update last week on Monday November 16 up until yesterday), the following PPE has arrived in BC:
 - **268,616 N95 or equivalent respirators**
 - **4,292,350 surgical or procedure masks**
 - **5,100 pieces of eye protection**
 - **11,780,550 pairs of gloves**
 - **1,023,275 gowns**
- These numbers do not yet include all of the supplies that arrived in YVR on a massive Antonov cargo carrier on Thursday, November 12. PHSA Supply Chain is working to inspect and sort that huge arrival, but as of today we understand that shipment to include:
 - 43.2 million pairs of gloves
 - 105,540 gowns
 - 24 million procedure masks
 - 21,600 procedure masks with visor
- BC continues to source and test PPE and we are working hard to pursue any and all credible leads for safe and effective product for our health system.