

## Dix, Adrian HLTH:EX

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**From:** HLTH COVID CRHEM HLTH:EX  
**Sent:** July 13, 2020 11:23 AM  
**To:** Dix, Adrian HLTH:EX  
**Cc:** Brown, Stephen R HLTH:EX; Pokorny, Peter HLTH:EX; Moulton, Holly HLTH:EX; Rongve, Ian HLTH:EX; Bell, Carolyn P HLTH:EX; van Baarsen, Amanda HLTH:EX; Yeung, Lucinda HLTH:EX; Prevost, Jean-Marc GCPE:EX  
**Subject:** PPE Messaging (Monday July 13)

Good morning Minister,

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](mailto:COVID.CRHEM@gov.bc.ca)

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## PPE Messaging – Monday July 13, 2020

- Today I'll be providing my weekly PPE update
- As with previous weeks, I'll report on how much PPE has arrived cumulatively since March and then specifically what has arrived over the last week.
- To recap our cumulative totals, from March to last week's report on Monday July 6<sup>th</sup>, the following PPE has arrived in BC:
  - **Just over 5,940,000 N95 or equivalent respirators**
    - ~331,000 (~5%) are from the Federal government's Bulk Procurement
  - **Almost 23,000,000 surgical or procedure masks**

- 4,800,000 (~21%) are from the Federal government's Bulk Procurement
- **Just over 2,302,000 pieces of eye protection, including goggles and face shields**
  - 1,300,000 (~56%) are from the Federal government's Bulk Procurement
- **Just over 53,000,000 pairs of gloves**
  - ~10,200,000 (~19%) are from the Federal government's Bulk Procurement
- **Just over 2,900,000 gowns**
  - 284,000 (~10%) are from the Federal government's Bulk Procurement
- Many of the items I've just listed are in our testing process to make sure product meets or exceeds safety requirements before being used in BC's healthcare system.
- Today, I can tell you that over the last week (since my update last week on Monday July 6<sup>th</sup> up until yesterday), we've received the following:
  - **90,184 N95 or equivalent respirators**
  - **2,022,750 surgical or procedure masks**
  - **1,438 pieces of eye protection**
  - **2,939,550 pairs of gloves**
  - **32,350 gowns**
- We'll continue to source and test our PPE and are working hard to pursue any and all credible leads for safe and effective product for our health system.

## Dix, Adrian HLTH:EX

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**From:** HLTH COVID CRHEM HLTH:EX  
**Sent:** July 27, 2020 2:29 PM  
**To:** Dix, Adrian HLTH:EX  
**Cc:** Brown, Stephen R HLTH:EX; Pokorny, Peter HLTH:EX; Moulton, Holly HLTH:EX; Rongve, Ian HLTH:EX; Bell, Carolyn P HLTH:EX; van Baarsen, Amanda HLTH:EX; Yeung, Lucinda HLTH:EX; Prevost, Jean-Marc GCPE:EX; Bell, Carolyn P HLTH:EX  
**Subject:** RE: PPE Messaging (Monday July 27)-amended

Good afternoon Minister,

Please find amended messaging below.

Thank you,



COVID Response and Health Emergency Management Division  
Ministry of Health

**Email:** [COVID.CRHEM@gov.bc.ca](mailto:COVID.CRHEM@gov.bc.ca)

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## PPE Messaging – Monday July 27, 2020

- Today I'll be providing my weekly PPE update.
- As with previous weeks, I'll report on how much PPE has arrived cumulatively since March and then specifically what has arrived over the last week.
- To recap our cumulative totals, from March to last week's report on Monday July 20<sup>th</sup>, the following PPE has arrived in BC:
  - **Just over 6,000,000 N95 or equivalent respirators**
    - 331,000 (~5%) are from the Federal government's Bulk Procurement
  - **Almost 26,000,000 surgical or procedure masks**

- 5,700,000 (~22%) are from the Federal government's Bulk Procurement
- **Almost 2,310,000 pieces of eye protection, including goggles and face shields**
  - 1,300,000 (~56%) are from the Federal government's Bulk Procurement
- **Almost 63,000,000 pairs of gloves**
  - 10,200,000 (~16%) are from the Federal government's Bulk Procurement
- **Just over 3,500,000 gowns**
  - 890,000 (~25%) are from the Federal government's Bulk Procurement
- Many of the items I've just listed are in our testing process to make sure product meets or exceeds safety requirements before being used in BC's healthcare system.
- Today, I can tell you that over the last week (since my update last week on Monday July 20<sup>th</sup> up until yesterday), we've received the following:
  - **11,528 N95 or equivalent respirators**
  - **3,237,950 surgical or procedure masks**
  - **86,689 pieces of eye protection**
  - **2,788,750 pairs of gloves**
  - **1,197,108 gowns**

We'll continue to source and test our PPE and are working hard to pursue any and all credible leads for safe and effective product for our health system

**From:** HLTH COVID CRHEM HLTH:EX

**Sent:** July 27, 2020 12:59 PM

**To:** Dix, Adrian HLTH:EX <Adrian.Dix@gov.bc.ca>

**Cc:** Brown, Stephen R HLTH:EX <Stephen.Brown@gov.bc.ca>; 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>; van Baarsen, Amanda HLTH:EX <Amanda.vanBaarsen@gov.bc.ca>; Yeung, Lucinda HLTH:EX <Lucinda.Yeung@gov.bc.ca>; Prevost, Jean-Marc GCPE:EX <Jean-Marc.Prevost@gov.bc.ca>; Bell, Carolyn P HLTH:EX <Carolyn.Bell@gov.bc.ca>

**Subject:** PPE Messaging (Monday July 27)

Good afternoon Minister,

Below please find PPE messaging for today's briefing. Please note that today's information includes the usual update, as well as information on spending and stockpiling.

Thank you.



COVID Response and Health Emergency Management Division  
Ministry of Health

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## PPE Messaging – Monday July 27, 2020

- Today I'll be providing my weekly PPE update.
- As with previous weeks, I'll report on how much PPE has arrived cumulatively since March and then specifically what has arrived over the last week.
- To recap our cumulative totals, from March to last week's report on Monday July 20<sup>th</sup>, the following PPE has arrived in BC:
  - **Just over 6,000,000 N95 or equivalent respirators**
    - 1,108,000 (~18%) are from the Federal government's Bulk Procurement
  - **Almost 26,000,000 surgical or procedure masks**
    - 5,700,000 (~22%) are from the Federal government's Bulk Procurement

- **Almost 2,310,000 pieces of eye protection, including goggles and face shields**
  - 1,300,000 (~56%) are from the Federal government's Bulk Procurement
- **Almost 63,000,000 pairs of gloves**
  - 10,200,000 (~16%) are from the Federal government's Bulk Procurement
- **Just over 3,500,000 gowns**
  - 890,000 (~25%) are from the Federal government's Bulk Procurement
- Many of the items I've just listed are in our testing process to make sure product meets or exceeds safety requirements before being used in BC's healthcare system.
- Today, I can tell you that over the last week (since my update last week on Monday July 20<sup>th</sup> up until yesterday), we've received the following:
  - **11,528 N95 or equivalent respirators**
  - **3,237,950 surgical or procedure masks**
  - **86,689 pieces of eye protection**
  - **2,788,750 pairs of gloves**
  - **1,197,108 gowns**
- We'll continue to source and test our PPE and are working hard to pursue any and all credible leads for safe and effective product for our health system.

## Dix, Adrian HLTH:EX

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**From:** HLTH COVID CRHEM HLTH:EX  
**Sent:** August 24, 2020 12:41 PM  
**To:** Dix, Adrian HLTH:EX  
**Cc:** Brown, Stephen R HLTH:EX; Pokorny, Peter HLTH:EX; Moulton, Holly HLTH:EX; Rongve, Ian HLTH:EX; Bell, Carolyn P HLTH:EX; van Baarsen, Amanda HLTH:EX; Yeung, Lucinda HLTH:EX; Prevost, Jean-Marc GCPE:EX  
**Subject:** PPE Messaging (Monday August 24)

Good afternoon Minister,

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](mailto:COVID.CRHEM@gov.bc.ca)

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## PPE Messaging – Monday August 24, 2020

- Today I'll be providing my weekly PPE update.
- As with previous weeks, I'll report on how much PPE has arrived cumulatively since March and then specifically what has arrived over the last week.
- To recap our cumulative totals, from March to last week's report on Monday August 17, the following PPE has arrived in BC:
  - **Just over 6,000,000 N95 or equivalent respirators**
    - 331,000 (~5%) are from the Federal government's Bulk Procurement
  - **Just over 47,000,000 surgical or procedure masks**

- 7,600,000 (~16%) are from the Federal government's Bulk Procurement
- **Just over 2,400,000 pieces of eye protection, including goggles and face shields**
  - 1,300,000 (~54%) are from the Federal government's Bulk Procurement
- **Almost 84,000,000 pairs of gloves**
  - 10,900,000 (~13%) are from the Federal government's Bulk Procurement
- **Almost 5,900,000 gowns**
  - 924,000 (~16%) are from the Federal government's Bulk Procurement
- Many of the items I've just listed and other equipment that has recently arrived are in our testing process to make sure product meets or exceeds safety requirements before being used in BC's healthcare system.
- Today, I can tell you that over the last week (since my update last week on Monday August 17 up until yesterday), we've received the following:
  - **22,867 N95 or equivalent respirators**
  - **2,368,300 surgical or procedure masks**
  - **13,475 pieces of eye protection**
  - **3,969,100 pairs of gloves**
  - **1,583,980 gowns**
- We'll continue to source and test our PPE and are working hard to pursue any and all credible leads for safe and effective product for our health system.



## Dix, Adrian HLTH:EX

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**From:** Yeung, Lucinda HLTH:EX  
**Sent:** September 9, 2020 10:49 AM  
**To:** Dix, Adrian HLTH:EX  
**Subject:** your ppe update from July

Hi Minister,

Your update from July 20—covers cost per unit, dollars spent to date on PPE, and plan for 6-9 months. I'll ask they create backgrounder based on this template here.

Lucinda

### Spending on PPE:

- Today I would also like to respond to some questions we've received regarding how much has been spent on PPE throughout BC's health system.
- As I've said previously, the international market for PPE, and by extension the cost of PPE, has been very dynamic since the start of the international pandemic.
- For context, I have information on the price per unit of various types of PPE, including freight costs. The information covers pre-COVID average pricing, peak COVID pricing, and prices as of last:

	Pre-COVID Pricing	COVID Peak Pricing	Rec
Supply Name	Average Unit Price (CAD\$)	Average Unit Price (CAD\$)	Avera
N95 Respirators or Equivalent	0.62	5.00 to 8.00	3.
Surgical or Procedure Masks	0.15	0.46 to 1.25	0.
Gowns (depending on type)	0.65 to 4.40	2.20 to 9.65	2.
Gloves (individual)	0.11	0.15	
Goggles	1.12	4.19	
Face Shields	2.50	6.00	

- Overall, from January to the end of June, the BC health system has spent over \$114 million on PPE as a result of the pandemic. This consisted of approximately:
  - \$24.7 million on surgical or procedure masks
  - \$29.55 million on N95 respirators or equivalents
  - \$22.82 million on gloves
  - \$16.93 million on gowns
  - \$8.3 million on face shields/goggles
  - Over \$12.5 million on other critical products such as coveralls and other products.

## **Stockpiling PPE – Preparing for the next 6 to 9 months:**

- In March, when supply chains were disrupted and usage increased significantly, we filled the gap between supply and demand with our pandemic supply. This allowed us to focus on procuring more PPE in a market so extremely disrupted that no jurisdiction internationally could have adequately predicted or prepared.
- As I've reported every week, BC has had good success – we've kept pace with demand and made sure that healthcare workers have the PPE they need, when they need it and where they need it.
- We are currently rebuilding our pandemic supply that got us through the initial outbreak and we are also including a healthy contingency.
- The province has undertaken utilization modeling to help forecast demand for PPE over the next 6 to 9 months to help inform of us "stockpile targets". We have based the modelling on our ramped up surgery plans and in anticipation of a surge or further outbreaks. Over the next 6 to 9 months, our goal is to procure PPE as follows:

<b>PPE Category</b>	<b>Volume Target</b>
<b>Procedure and Surgical Masks</b>	58.1 million
<b>N95 Respirators or Equivalents</b>	6 million
<b>Gloves (pairs)</b>	349.71 million
<b>Gowns</b>	2.4 million

## Dix, Adrian HLTH:EX

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**From:** HLTH COVID CRHEM HLTH:EX  
**Sent:** September 14, 2020 12:18 PM  
**To:** Dix, Adrian HLTH:EX  
**Cc:** Brown, Stephen R HLTH:EX; Pokorny, Peter HLTH:EX; Moulton, Holly HLTH:EX; Rongve, Ian HLTH:EX; Bell, Carolyn P HLTH:EX; van Baarsen, Amanda HLTH:EX; Yeung, Lucinda HLTH:EX; Prevost, Jean-Marc GCPE:EX  
**Subject:** PPE Messaging (Monday September 14)

Good Afternoon Minister,

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](mailto:COVID.CRHEM@gov.bc.ca)

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## PPE Messaging – Monday September 14, 2020

- Today I'll be providing my weekly PPE update.
- As with previous weeks, I'll report on how much PPE has arrived cumulatively since March and then specifically what has arrived over the last week.
- To recap our cumulative totals, from March to last week's report on Tuesday September 8th, the following PPE has arrived in BC:
  - **Just over 6,300,000 N95 or equivalent respirators**
    - 331,000 (~5%) are from the Federal government's Bulk Procurement
  - **Just over 52,000,000 surgical or procedure masks**

- 8,300,000 (~16%) are from the Federal government's Bulk Procurement
- **Just over 2,600,000 pieces of eye protection, including goggles and face shields**
  - 1,500,000 (~57%) are from the Federal government's Bulk Procurement
- **Just over 115,000,000 pairs of gloves**
  - 10,900,000 (~12%) are from the Federal government's Bulk Procurement
- **Just over 8,700,000 gowns**
  - 968,000 (~11%) are from the Federal government's Bulk Procurement
- Many of the items I've just listed and other equipment that has recently arrived are in our testing process to make sure product meets or exceeds safety requirements before being used in BC's healthcare system.
- Today, I can tell you that over the last week (since my update last week on Tuesday Sep 8<sup>th</sup> up until yesterday), we've received the following:
  - **91,766 N95 or equivalent respirators**
  - **1,993,300 surgical or procedure masks**
  - **2,975 pieces of eye protection**
  - **97,850 pairs of gloves**
  - **603,940 gowns**
- We'll continue to source and test our PPE and are working hard to pursue any and all credible leads for safe and effective product for our health system.

## Dix, Adrian HLTH:EX

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**From:** Brown, Stephen R HLTH:EX  
**Sent:** September 21, 2020 3:50 PM  
**To:** Dix, Adrian HLTH:EX  
**Subject:** FW: PPE update – Monday, Sept. 21, 2020  
  
**Expires:** November 10, 2020 12:00 AM

**From:** Prevost, Jean-Marc GCPE:EX <Jean-Marc.Prevost@gov.bc.ca>  
**Sent:** September 21, 2020 3:50 PM  
**To:** Brown, Stephen R HLTH:EX <Stephen.Brown@gov.bc.ca>  
**Subject:** PPE update – Monday, Sept. 21, 2020

### PPE update – Monday, Sept. 21, 2020

- To recap B.C.'s cumulative totals from March to last week's report on Monday, Sept. 14, the following personal protective equipment (PPE) has arrived in B.C.:
  - Almost 6.5 million N95 or equivalent respirators
  - Just over 54.5 million surgical or procedure masks
  - Just over 2.6 million pieces of eye protection, including goggles and face shields
  - Just over 115 million pairs of gloves
  - Just over 9.3 million gowns
- Many of the items listed above and other supplies and equipment that have recently arrived are in the testing process to make sure the products meet or exceed safety requirements before being used in B.C.'s health-care system.
- Over the last week (since the update on Monday, Sept. 14 up until Sept. 20), the following PPE has arrived in B.C.:
  - 324,256 N95 or equivalent respirators
  - 1,325,950 surgical or procedure masks
  - 29,370 pieces of eye protection
  - 6,737,000 pairs of gloves
  - 178,820 gowns
- B.C. continues to source and test PPE and is working to pursue any and all credible leads for safe and effective products for its health-care system.

JMP

Desk: 236-478-0302  
Cell: 250-886-2154