Ensuring Adequate Medical Supplies: *Existing and Planned Efforts*

CPHO Health Professional Forum

October 14, 2020
Access to PPE is key in our fight against COVID-19 spread

Access to PPE should be an enabler, rather than a limiting factor in reopening the economy

Critical to be ready for potential resurgence

The governments are working hard to ensure that there is sufficient PPE supply to protect health care workers and essential workers.
The Government has deployed a multi-pronged strategy to support access to PPE for the health sector

- **Proactive Procurement**: PSPC aggressively sourcing PPE, working with HC/PHAC, GAC and CAF, with a “hands on” approach in China and airlifts to secure supplies

- **Made in Canada Manufacturing**: ISED’s “Call to Action” is mobilizing domestic manufacturers, in coordination with PSPC and in consultation with HC/PHAC, to rapidly increase production of PPE in Canada

- **Rapid Regulatory Pathways**: In light of the urgent need for PPE, HC is expediting approvals of product reviews and licences related to these types of products, while maintaining product safety

- **Conservation and Reuse**: PHAC and HC have issued guidance regarding the appropriate use of PPE, including reuse and sterilization and PSPC has procured machines

- **Allocation and Distribution**: PHAC verifies the quality of received product/donations, and allocates PPE to PTs, leveraging CAF, Amazon, Canada Post and Purolator for distribution
We have been successful in acquiring key PPE for public health sector

- Significant procurement efforts have been made for public health sector with many procured items received and shipped across Canada
- Projections show that governments are well positioned for key commodities in a resurgence scenario and efforts ongoing to procure more surgical masks, nitrile gloves and disposable gowns

<table>
<thead>
<tr>
<th>Commodity</th>
<th>Annual public health demand*</th>
<th>Government of Canada TOTAL procurement for public health</th>
<th>Existing**</th>
<th>Planned</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>N95 respirators</strong></td>
<td>92.9M</td>
<td>156.8M</td>
<td>41%</td>
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<td>92.9M</td>
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<tr>
<td><strong>Surgical masks</strong></td>
<td>796.5M</td>
<td>412.5M</td>
<td>78%</td>
<td></td>
</tr>
<tr>
<td><strong>Nitrile gloves (pairs)</strong></td>
<td>2.7B</td>
<td>1.1B</td>
<td>16%</td>
<td></td>
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<tr>
<td><strong>Disposable gowns</strong></td>
<td>266.1M</td>
<td>122.7M</td>
<td>41%</td>
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</tbody>
</table>

* Public health demand is current as of October 6, 2020 and is for the period from October 6, 2020 to October 5, 2021
** Total quantity ordered is current as of October 13, 2020

Is substantially manufactured, transformed or produced at a firm or facility in Canada
Statistics Canada completed three surveys to gain information on the present and projected short-term (3 month) availability of PPE among Canadian businesses with latest results published on October 9th representing responses from 4,665 businesses.

Businesses in private health care and social assistance (95.0%), accommodation and food services (85.9%), and retail trade (80.8%) are the most likely to need PPE.

- hand sanitizer (93.4%), disinfectant (80.3%), disinfectant wipes (69.4%), non-medical masks (65.0%) and surgical masks (36.9%) are in greatest demand.
- Businesses in private health care and social assistance continue to be the most likely to need four or more types of PPE (95.6%).

Businesses are less concerned about shortages than in July (results do not reflect possible changes in businesses’ expectations about shortages of PPE due to the recent resurgence of COVID-19 cases).

<table>
<thead>
<tr>
<th>Commodity</th>
<th>Annual private health demand*</th>
<th>Percentage of private health care and social assistance businesses who report expecting to have shortages within the next 3 months (change from July)</th>
</tr>
</thead>
<tbody>
<tr>
<td>N95 respirators</td>
<td>41M</td>
<td>33% (↓ from 41%)</td>
</tr>
<tr>
<td>Surgical masks</td>
<td>379M</td>
<td>24% (↓ from 31%)</td>
</tr>
<tr>
<td>Nitrile gloves (pairs)</td>
<td>991M</td>
<td>15% (↓ from 24%)</td>
</tr>
<tr>
<td>Disposable gowns</td>
<td>205M</td>
<td>18% (↓ from 25%)</td>
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</table>

We are gaining insight in availability of PPE among Canadian businesses.

Small businesses are no more likely to expect shortages than medium/large businesses.

* Private health demand is current as of October 13, 2020 and is for the period from October 13, 2020 to October 12, 2021.
Several key levers implemented to support access to PPE

**National Emergency Strategic Stockpile (NESS)** was mobilized in March 2020 to initiate bulk procurement of PPE, medical equipment and supplies on behalf of provinces and territories (PTs)

- The Public Health Agency of Canada, through its NESS program, continues to allocate PPE, medical equipment and supplies procured through the bulk procurement process to PTs as per the approach agreed upon by federal-provincial-territorial Ministers of Health

**Essential Services Contingency Reserve (ESCR)** was launched on August 3rd, a temporary measure to provide a backstop for PPE:

- To address urgent, short-term requests for PPE for essential workers outside the health sector
- When other sources of supply are unavailable
- When significant disruptions in essential services are imminent
- On a cost recovery basis

**National buy and sell matching platforms for businesses and individuals** are being developed to improve access to PPE

- PPE Supply Hub – connects organizations that buy and sell PPE during COVID crisis
- Rapid Response Platform (RRP) – connects suppliers with buyers for PPE distribution and donation
- COVID-19 Indigenous Supplier Database – database of over 60 suppliers of PPE
Governments are working collaboratively to ensure enough supply of PPE for resurgence

<table>
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<tr>
<th>Improve understanding of demand and supply</th>
<th>Address anticipated supply/demand gaps and build sufficient stockpiles</th>
<th>Manage logistical challenges</th>
<th>Protect limited supply</th>
</tr>
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<tr>
<td>- Continue developing and validating projections</td>
<td>- Work with PTs to procure key commodities to address <strong>immediate and longer term</strong> gaps identified for resurgence planning</td>
<td>- Implement national logistics and warehousing solution</td>
<td>- Mitigate demand through guidance, conservation and decontamination options</td>
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<td>- Continue to improve data sharing across jurisdictions</td>
<td>- Foster domestic manufacturing capacity</td>
<td>- Work with logistics providers to better align quality assessment and streamline inventory management</td>
<td>- Support innovation to diversify supply chains and reduce environmental impact</td>
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<tr>
<td>- Use of various tools to support projections of PPE with PTs; however, accuracy of projections depends on real use</td>
<td>- Work with PTs to confirm stockpiling and supply efforts</td>
<td>- Continue to build federal stockpiles</td>
<td>- Nurture domestic capacity and supply chains</td>
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What are you seeing?

• What are your members observing?
• How are they addressing evolving needs?
• How has your access to PPE changed since March?
• Have your organizations changed protocols for appropriate use or seen trends to adopt use of higher standard PPE in circumstances where it is not required by guidance/protocols (e.g., use of N-95 respirators rather than surgical masks)?
• Have you adopted mitigation strategies to conserve supplies?
• How can we improve information sharing with Government of Canada so we can better anticipate gaps/needs?