



Paramedic Chiefs  
of Canada

Chefs Paramédics  
du Canada

# Covid-19 Situation Report (Update)

We're taking a virtual role call today for those on the WebEx.  
If you're viewing this in a group, please use the "Chat" window  
on the right to enter your:

**Name, Agency Name, and # of people** joining from your location.  
***Please send chat messages to "All Panelists"***

*In association with*



This session will be recorded, and a  
link sent out to attendees.

# Facilitators:



Paramedic Chiefs  
of Canada

Chefs Paramédics  
du Canada



## Kyle Sereda

Chief

Moose Jaw & District EMS

[ksereda@moosejawems.ca](mailto:ksereda@moosejawems.ca)



## Todd Stout

President, FirstWatch

[tstout@firstwatch.net](mailto:tstout@firstwatch.net)

Cell: 858-395-1728

*In association with*



# Please mute your phone

- All attendees are automatically muted by WebEx, but **we recommend muting your phone on your end**, as sometimes we unmute everyone on the WebEx side to anyone who wants to speak, and if you have background noise it will limit everyone's ability to share.

Thank You!

# Asking Questions



Paramedic Chiefs  
of Canada  
Chefs Paramédics  
du Canada

Cisco WebEx Training Center - How to ask a question using the WebEx system

File Edit Share View Audio Participant Session Breakout Help

Quick Start Session Info Questions

01: Questions/Comm

Click the hand icon to virtually "raise" your hand and ask a question.

Questions/Comments?

You can also use the chat box to send your questions to any of the groups provided in the dropdown list.

Participants

Speaking:

Panelist: 1

Katelyn Gilligan (Host, me)

Attendee: 0

Chat

Send to: Host, Presenter & Panelists

Select a p...

Host  
Presenter  
Host & Presenter  
Host, Presenter & Panelists

Send

Full Screen 96% View

Cisco WebEx Session No. 801 291 332

FIRST WATCH

# Guest Speakers:



Paramedic Chiefs  
of Canada

Chefs Paramédics  
du Canada



**Pam Farber, RN, EMT-P**  
Public Health Advisor  
FirstWatch

**[pfarber@firstwatch.net](mailto:pfarber@firstwatch.net)**



**Silvia Verdugo, MD, MPH**  
Medical Director  
FirstWatch

**[sverdugo@firstwatch.net](mailto:sverdugo@firstwatch.net)**



**Mike Taigman**  
Improvement Guide  
FirstWatch

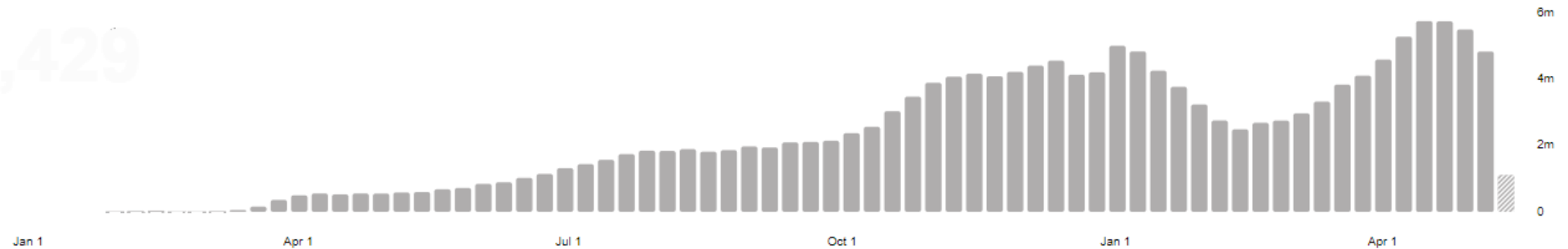
**[mtaigman@firstwatch.net](mailto:mtaigman@firstwatch.net)**

# COVID-19 Situation Update



Paramedic Chiefs  
of Canada  
Chefs Paramédics  
du Canada

## COVID- 19 Confirmed Cases - 163,312,429



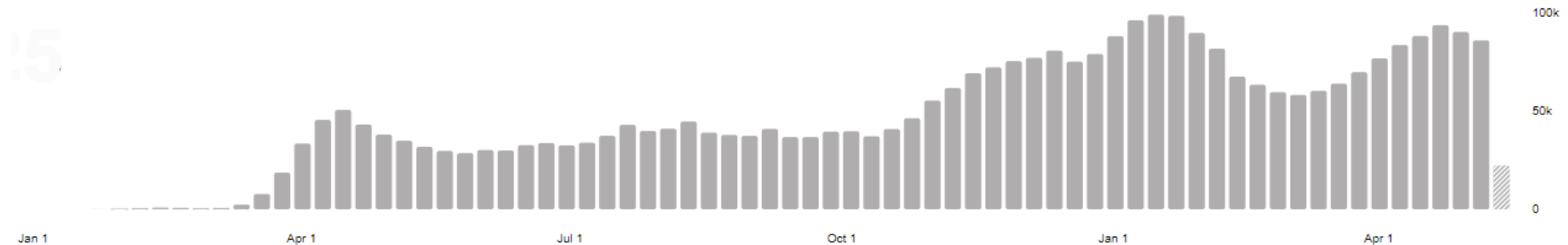
## New Cases week - 515,104

# COVID-19 Situation Update



Paramedic Chiefs  
of Canada  
Chefs Paramédics  
du Canada

Deaths – 3,386,825



Vaccine – 1,407,945,776

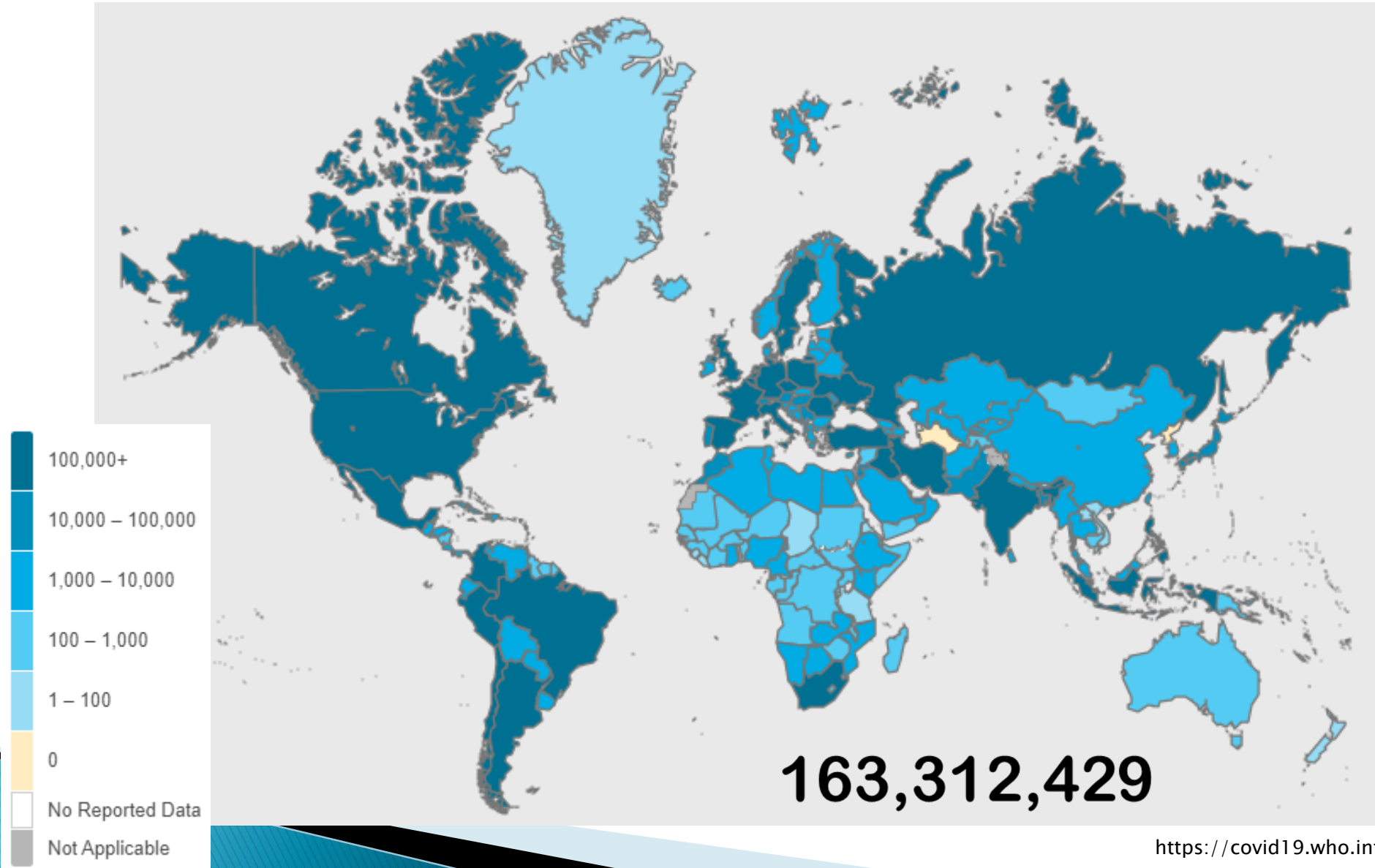


# Confirmed COVID 19 – Total #



Paramedic Chiefs  
of Canada

Chefs Paramédics  
du Canada



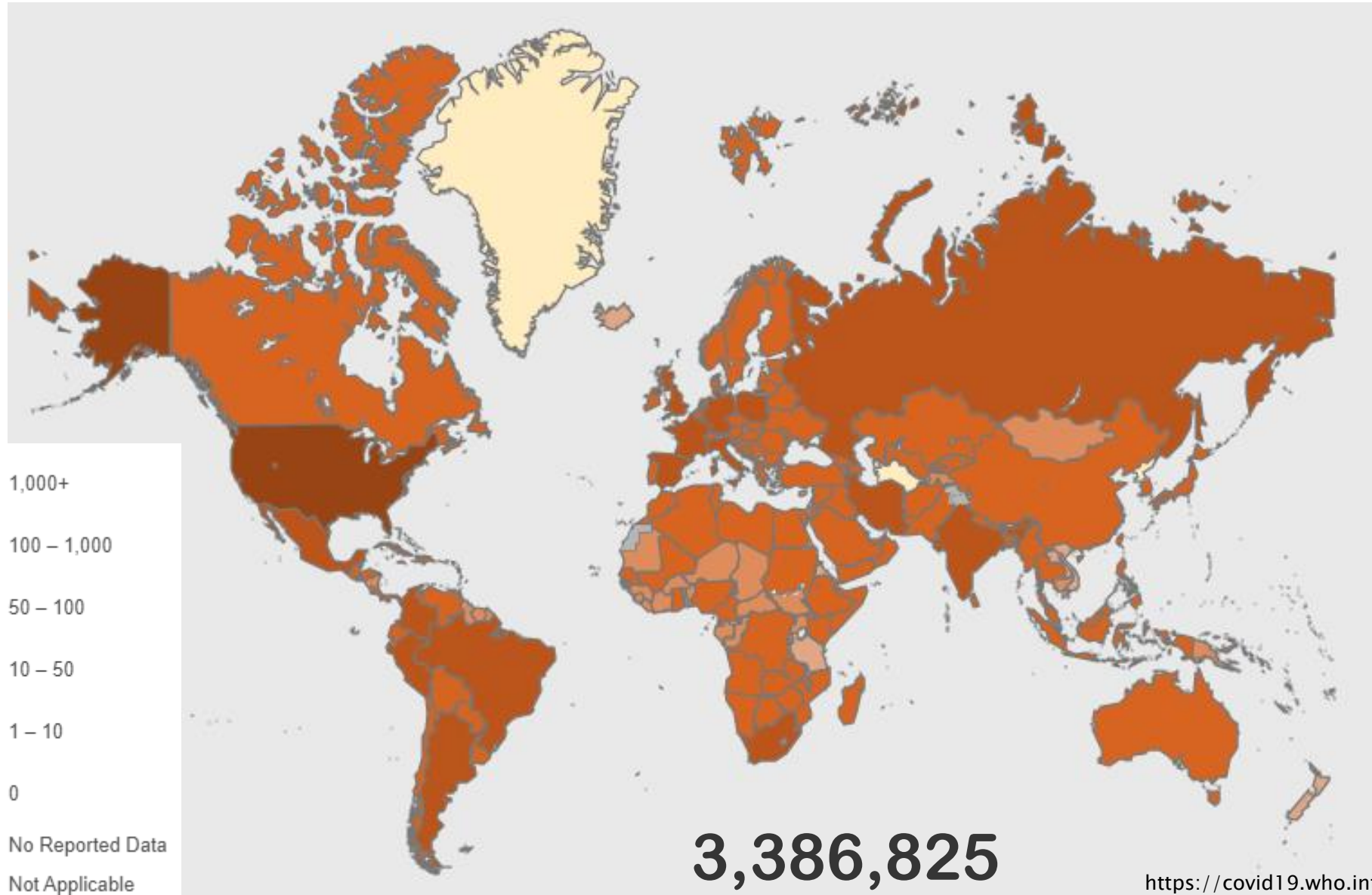


# Deaths attributed to COVID 19



Paramedic Chiefs  
of Canada

Chefs Paramédics  
du Canada



# COVID 19 Vaccines



Paramedic Chiefs  
of Canada

Chefs Paramédics  
du Canada

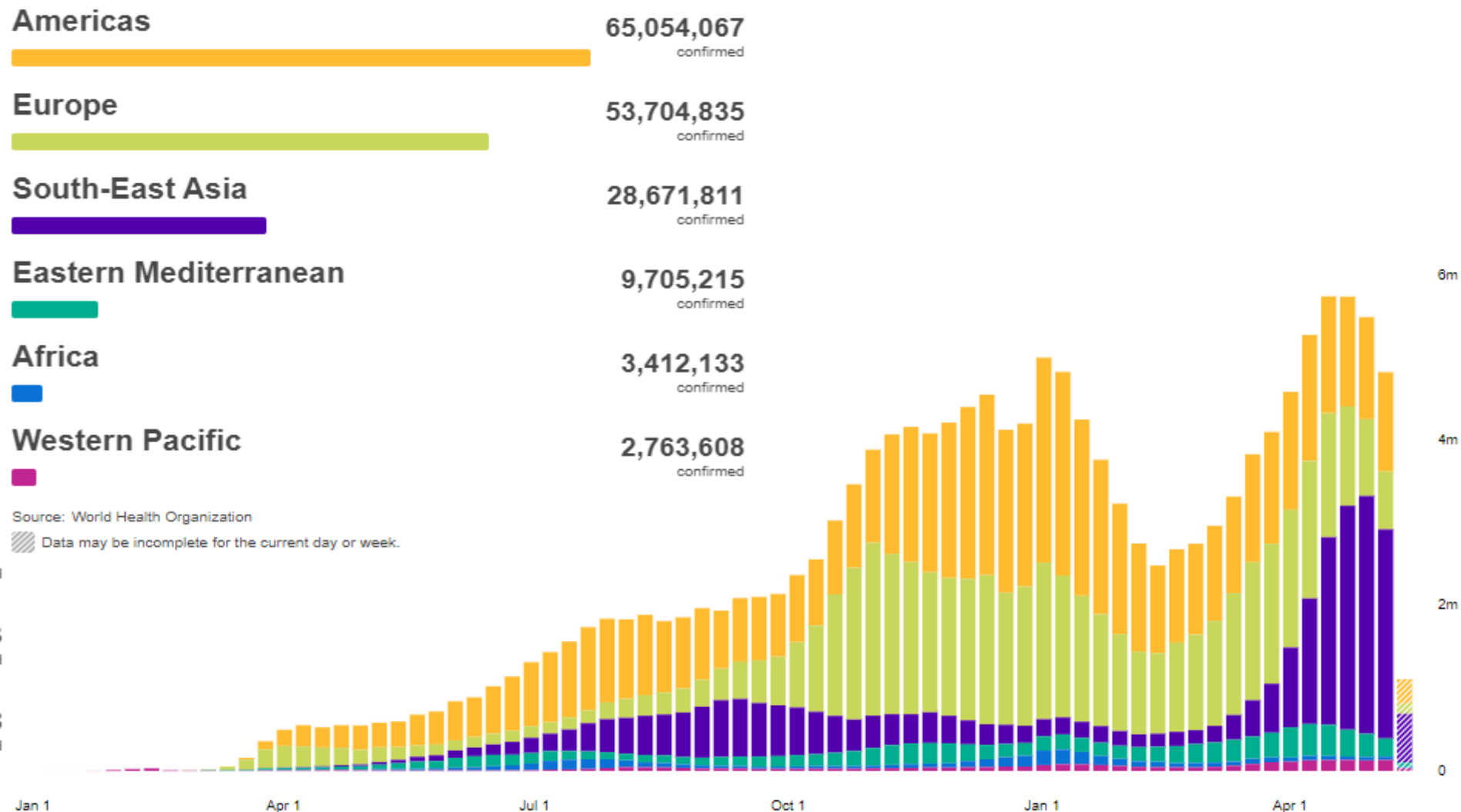


# Number of confirmed COVID - 19 cases Region / week



Paramedic Chiefs  
of Canada

Chefs Paramédics  
du Canada

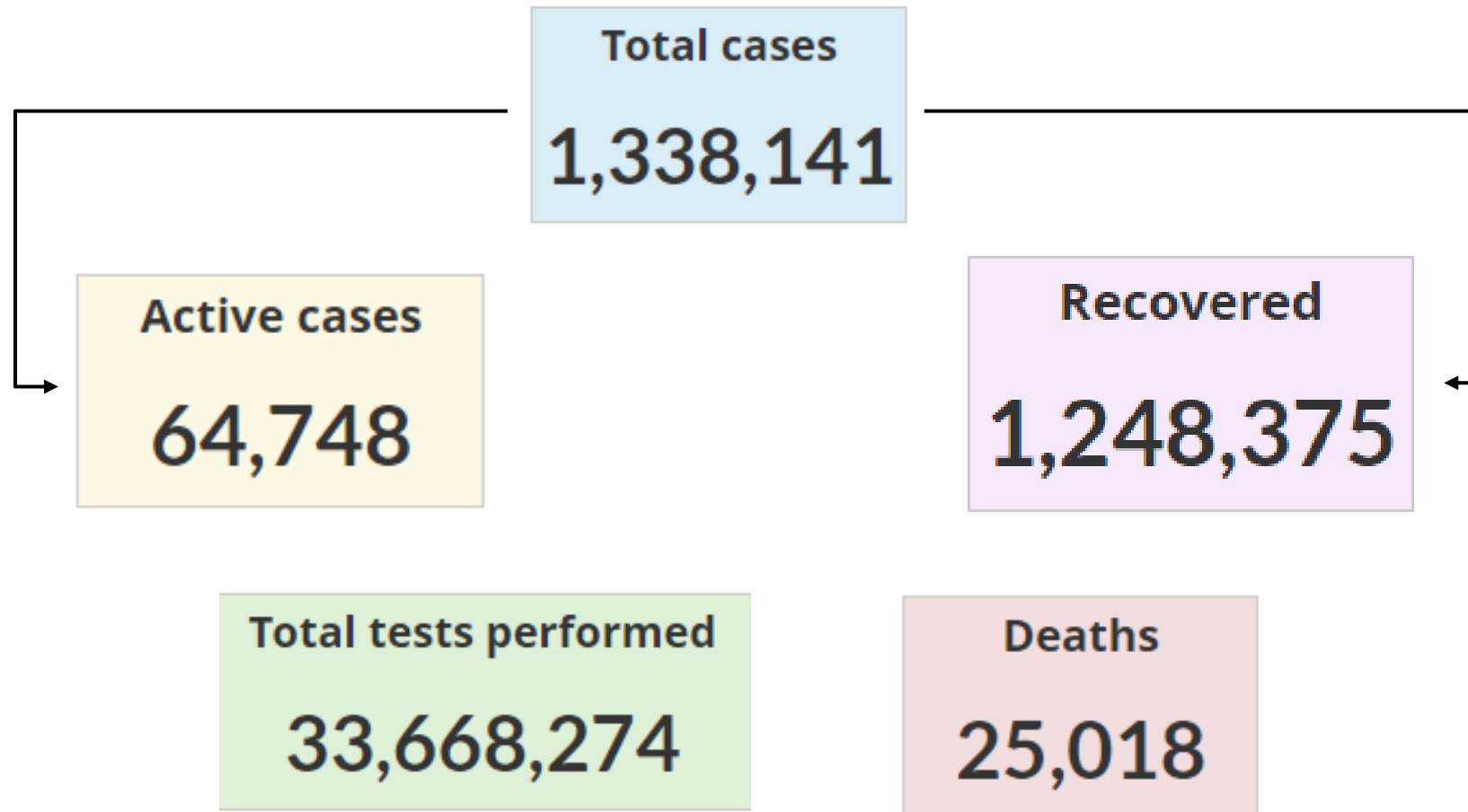


# Key Updates for COVID – 19 Canada



Paramedic Chiefs  
of Canada

Chefs Paramédics  
du Canada



May 18, 2021, 7:00 p.m. EST

<https://www.canada.ca/>

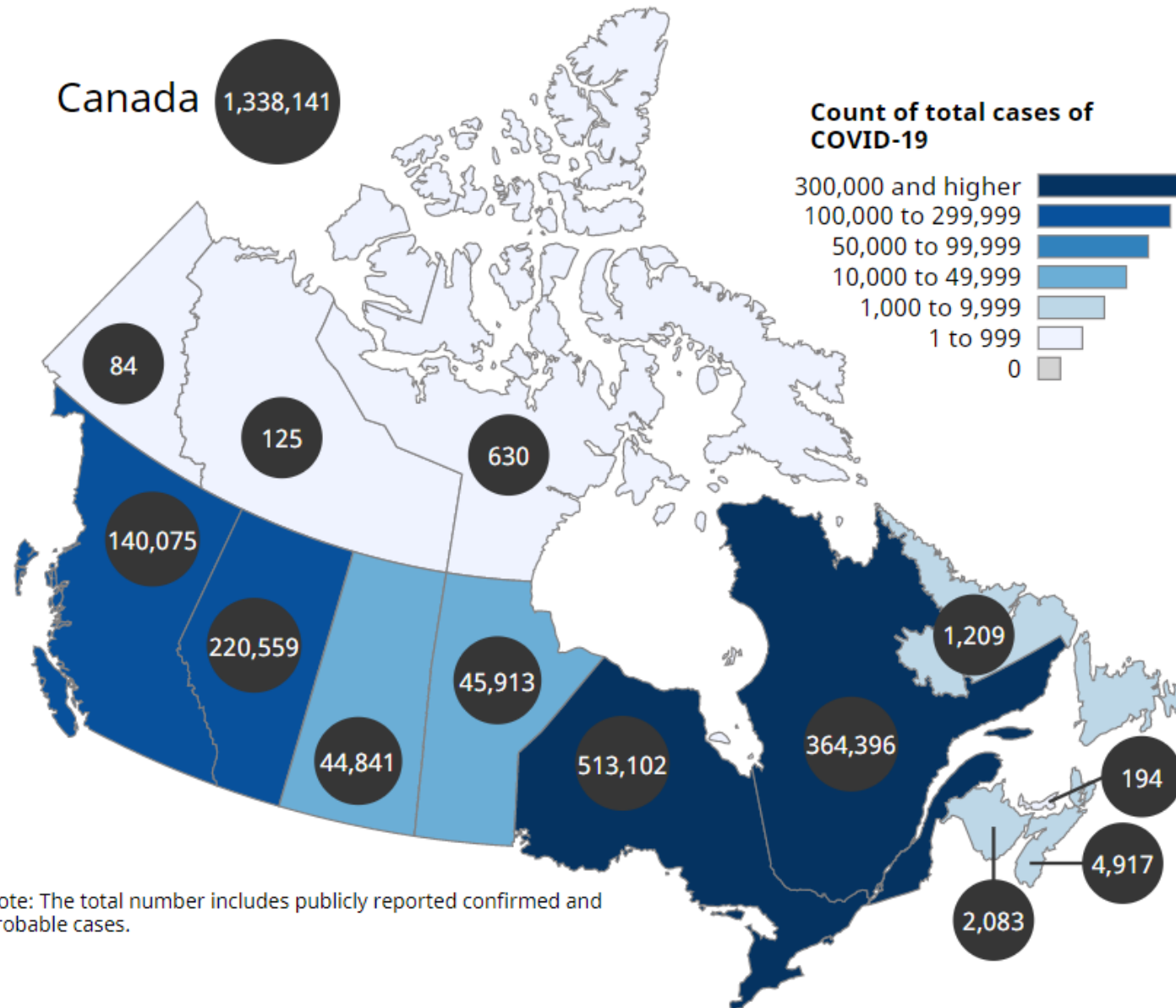


# COVID – 19 cases in Canada



Paramedic Chiefs  
of Canada

Chefs Paramédics  
du Canada

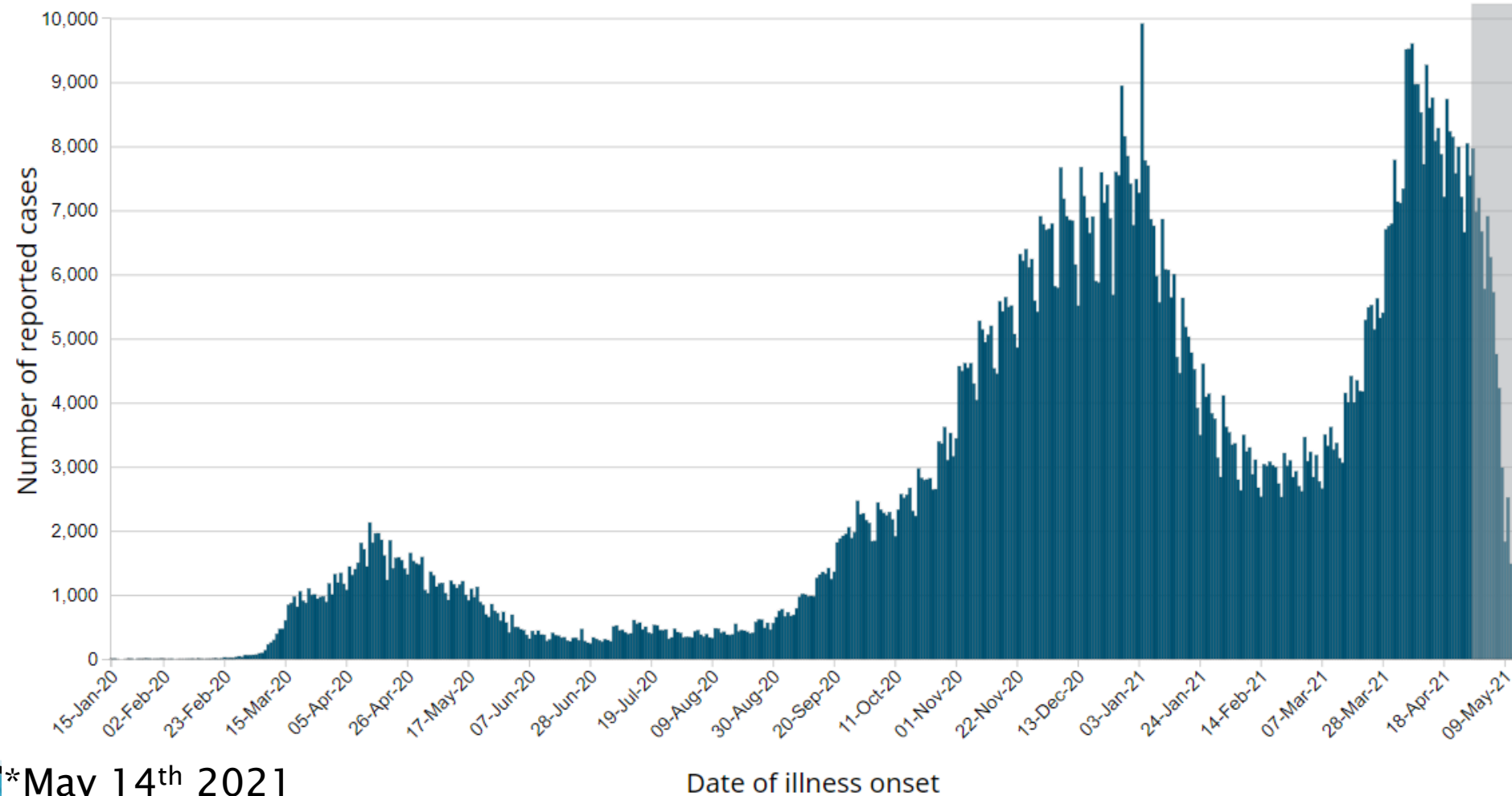


Note: The total number includes publicly reported confirmed and probable cases.

# Total COVID – 19 cases in Canada



Paramedic Chiefs  
of Canada  
Chefs Paramédics  
du Canada

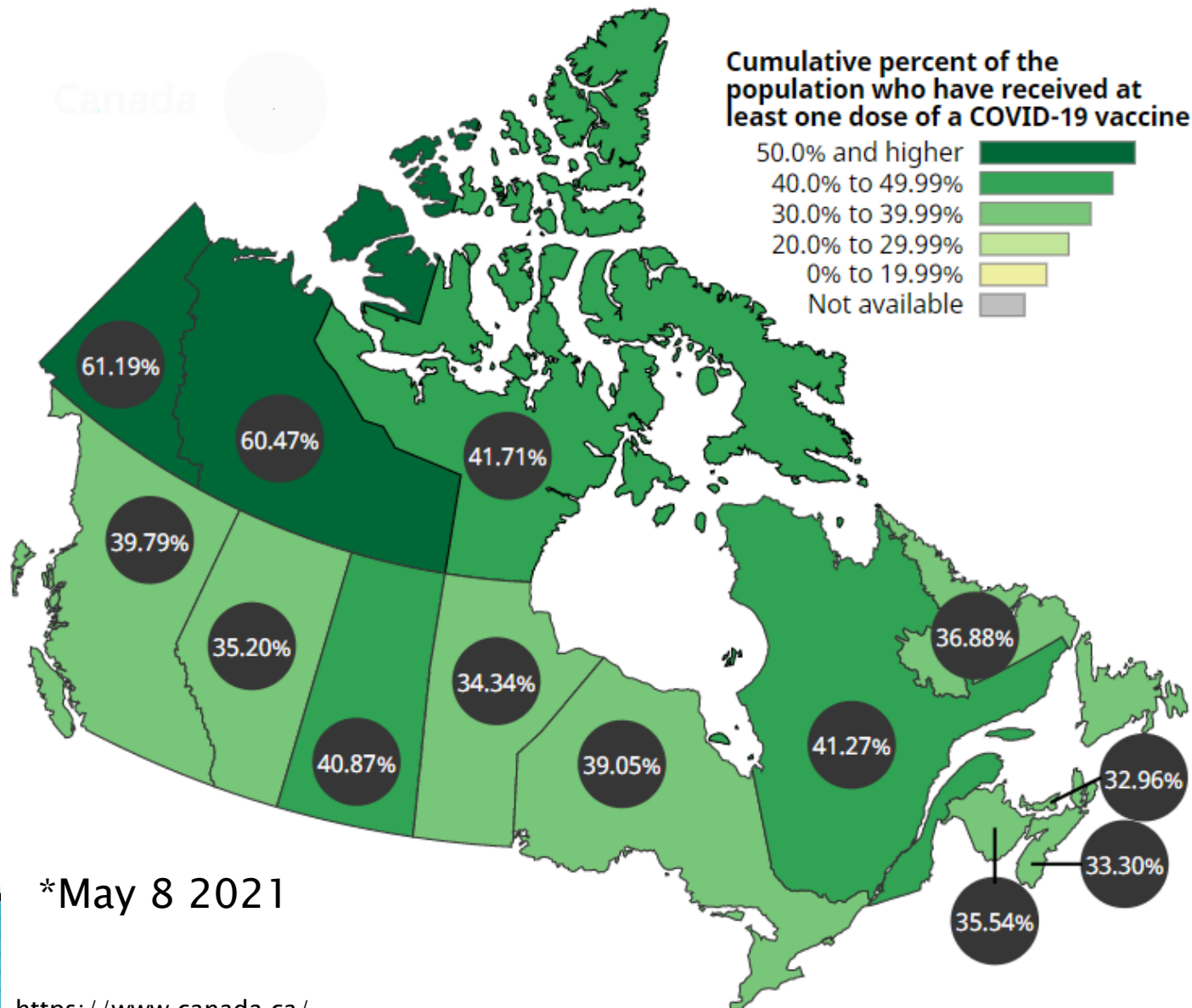


# COVID – 19 Vaccines



Paramedic Chiefs  
of Canada

Chefs Paramédics  
du Canada



Partially  
vaccinated

38.87%

(14,771,261)

Fully  
vaccinated

3.30%

(1,252,998)

\*May 8 2021

<https://www.canada.ca/>



# COVID-19 Update



Paramedic Chiefs  
of Canada

Chefs Paramédics  
du Canada

- It's been a long 16 months
- With reason to hope for the end
- Canada & US are trending down
- **It's Vaccines vs Variants**
- Maintain protections– Stay Safe
- Encourage vaccinations ASAP

# We Know Way More



Paramedic Chiefs  
of Canada

Chefs Paramédics  
du Canada

- Scientists & Drs are working 24/7:
  - Clinical trials for preventatives & treatments
  - Sequencing COVID specimens for Variants
  - Pre and Post Peer Review Publishing
- Info has been shared like never before:
  - Podcasts & Vodcasts, Open Conferences & Meetings
  - Medical & Scientific Journals - access FREE for COVID
  - Newspapers & Magazines also FREE access

# Transmission:



Paramedic Chiefs  
of Canada

Chefs Paramédics  
du Canada

- Aerosol
  - Acknowledged by WHO, CA & US in 2021
- Large Droplet
- Contaminated Surfaces (fomites)
  - Less common than expected but...

# To Decrease Aerosol Risk



Paramedic Chiefs  
of Canada

Chefs Paramédics  
du Canada

- N95 or better respirators:  
maintain masks indoors
- Improve Ventilation:
  - open windows
  - use fans
  - use HEPA or other high filtration
  - increase air exchanges

# Aerosol Implications



Paramedic Chiefs  
of Canada

Chefs Paramédics  
du Canada

## Smaller & Lighter Particles:

- Linger longer (mins./hours)
- Ride air currents > 2-3 m (6-10 ft)
- Penetrate deeper (in lungs)
- Worse in poor ventilation
  - Inside
  - EMS trucks
- Crowded conditions

# We Know More



Paramedic Chiefs  
of Canada

Chefs Paramédics  
du Canada

## Groups to Protect:

- Elderly
- Children (not yet immunized)
- Pregnant Women
- Can't be vaccinated (infants, allergic)
- Immunocompromised
  - Condition: cancer, incompetent immunity, sickle cell...
  - Treatment: immunosuppressants, chemo, radiation....
  - Procedure: all transplants, splenectomy.....

•

# Virus Variants



Paramedic Chiefs  
of Canada

Chefs Paramédics  
du Canada

Viruses mutate to survive; Some will:

- Become them a non-threat
- Persist but **NOT** increase in virulence, transmissibility or escape from vaccines or treatments
- Change in how they transmit, an increase in severity, lethality, and/or escape vaccines or treatments



# Variants of Concern



Paramedic Chiefs  
of Canada

Chefs Paramédics  
du Canada

CANADA	US
B.1.1.7 (UK)	Same
B.1.351 (South Africa)	Same
P.1 (Brazil)	Same
-----	B.1.427 (US - California)
-----	B.1.429 (US - California)

# We Have Way More



Paramedic Chiefs  
of Canada

Chefs Paramédics  
du Canada

## COVID Vaccines

Canada	US
Pfizer/BioNTech	Pfizer / BioNTech
AstraZenaca / COVISHIELD	Moderna
Moderna	J&J (Janssen)
Janssen (J&J)	

- Vaccinations increasing daily & cases falling
- Real life efficacy better than expected

# We Have More



Paramedic Chiefs  
of Canada

Chefs Paramédics  
du Canada

## PPE Availability Improved:

- US Guidance for medical to pre-Pandemic use:
  - N95s not to be deconned or reused
- Canadian Guidance via each Province/Territory:
  - Some have updated (May 2021) Guidance:
    - <https://www.albertahealthservices.ca/assets/info/ppih/if-ppih-covid-19-ppe-faq.pdf>
    - See your Province/Territory for specifics

# Therapeutics



Paramedic Chiefs  
of Canada

Chefs Paramédics  
du Canada

- Remdesivir (antiviral)
- Monoclonal antibodies (before hospital)
- Hyperimmune globulin
- Anticoagulants
- Immunomodulators
- Other antivirals
  - Pfizer is in trials with an oral one

# What's Next?



Paramedic Chiefs  
of Canada

Chefs Paramédics  
du Canada

- Learn from this...for the next one
- Notes & Ideas on the Good & Bad
- Share these with others; Edit
- Submit as part of after action report
- *Start on the next Pandemic Plan....*



Paramedic Chiefs  
of Canada

Chefs Paramédics  
du Canada

# Questions & Answers

**Pam Farber, RN, EMT-P**

Public Health Advisor

FirstWatch

**[pfarber@firstwatch.net](mailto:pfarber@firstwatch.net)**

**Silvia Verdugo, MD, MPH**

Medical Director

FirstWatch

**[sverdugo@firstwatch.net](mailto:sverdugo@firstwatch.net)**

**Mike Taigman**

Improvement Guide

FirstWatch

**[mtaigman@firstwatch.net](mailto:mtaigman@firstwatch.net)**

*In association with*



Health Intelligence Resource

**[www.firstwatch.net/hi](http://www.firstwatch.net/hi)**



Paramedic Chiefs  
of Canada

Chefs Paramédics  
du Canada



# Kyle Sereda

Chief

Moose Jaw & District EMS

[ksereda@moosejawems.ca](mailto:ksereda@moosejawems.ca)

*In association with*





# Paramedic Services Week 2021

May 23<sup>rd</sup>–29<sup>th</sup>, 2021



Paramedic Chiefs  
of Canada

Chefs Paramédics  
du Canada

PARAMEDIC AS EDUCATOR



**Citizen Ready**

# Paramedic Services Week 2021

May 23<sup>rd</sup>–29<sup>th</sup>, 2021



Paramedic Chiefs  
of Canada

Chefs Paramédics  
du Canada

PARAMEDIC AS EDUCATOR



Citizen Ready



Monday – *Activation of 911*

→ Why We Ask What We Ask...it makes a difference!



Tuesday – *Control the Bleeding*

→ Act Quick...Save a Life!



Wednesday – *High Performance  
CPR*

→ Fast, Appropriate and Effective!



# Paramedic Services Week 2021

May 23<sup>rd</sup>–29<sup>th</sup>, 2021



Paramedic Chiefs  
of Canada

Chefs Paramédics  
du Canada

PARAMEDIC AS EDUCATOR



Citizen Ready



## Thursday – *Opioid Overdoses*

→ An Epidemic, NOT a Pandemic.



## Friday – *The First 72....*

## *Emergency Preparedness*

→ Be Prepared and Stay Ready!



## Saturday – *Paramedic Recognition Day*

→ A Time to Remember...

→ A Time to Say Thank-you...it's EASY!





Paramedic Chiefs  
of Canada

---

Chefs Paramédics  
du Canada

# Thank You for Joining Us!

Kyle Sereda – [ksereda@moosejawems.ca](mailto:ksereda@moosejawems.ca)

Todd Stout – [tstout@firstwatch.net](mailto:tstout@firstwatch.net)

*In association with*



Health Intelligence Resource  
[www.firstwatch.net/hi](http://www.firstwatch.net/hi)