

# Health Care Professional Town Hall: Immunizing the under 12 population against COVID-19

Wednesday, October 6, 2021

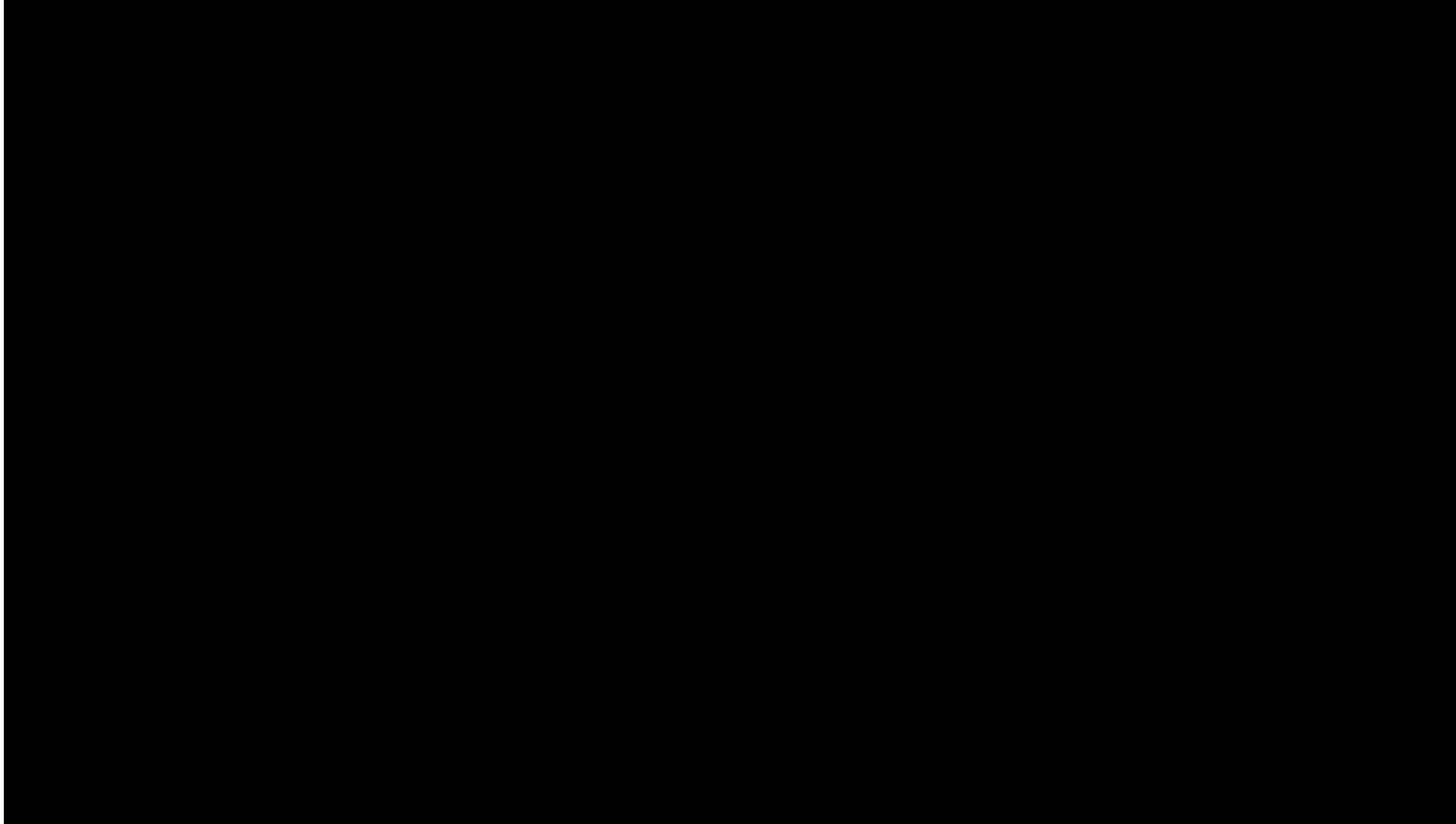


The webinar will begin at 5:30 p.m.  
If you run into technical difficulties, please email [Javier.Rincon@halton.ca](mailto:Javier.Rincon@halton.ca)

halton.ca ☎ 311



# Indigenous Land acknowledgement



***Boozhoo, She:kon , Tanshi, Greetings!***

*Halton Region acknowledges the Treaty Lands of the Mississaugas of the Credit First Nation as well as the Traditional Territory of the Haudenosaunee, Huron-Wendat and Anishinabek on which we gather.*

*In stewardship with Mother Earth and the enduring Indigenous presence connected to these lands we acknowledge the Indigenous Nations of the past, present and future.*

*In the spirit of ally-ship and mutual respect, we will take the path of Truth and Reconciliation to create change, awareness and equity as we strive to elevate the collective consciousness of society.*

*Miigwetch, Nia:wen, Marsi, Thank you*



# Agenda

- COVID-19 vaccination rates in Halton
- Update on vaccinating under 12s
- Offering COVID-19 vaccination in your practice
  - Online training modules
- School-based immunization community clinics
- Question and answer session





## NEW COVID-19 LEARNING ACTIVITY AVAILABLE IN MAINPRO+®

Your work helps flatten the COVID-19 pandemic curve.  
Now you can earn certified credits for conquering the learning curve!



### COVID-19 Learning on the Go

As part of their response to COVID-19, physicians in Canada are taking part in many learning opportunities related to the pandemic, including reading journal articles and attending webinars and rounds. Many of these activities have been developed quickly and are not formally certified.

**Here is an opportunity to have your efforts recognized.**

Turn your learning experience into two Mainpro+ certified credits by describing and documenting the impact the activity has had on your practice. You can find this newly created learning activity in Mainpro+ under Self-Learning, Certified activities: **COVID-19 Learning on the Go**.

If you have questions, please contact the Mainpro+ team at  
1-800-387-6197 ext. 560 or [mainprocredits@cfpc.ca](mailto:mainprocredits@cfpc.ca).

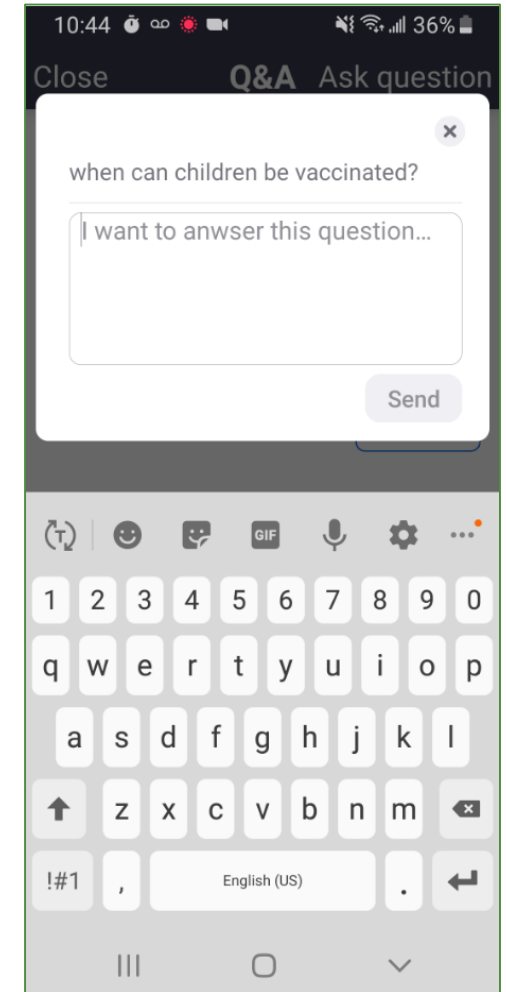
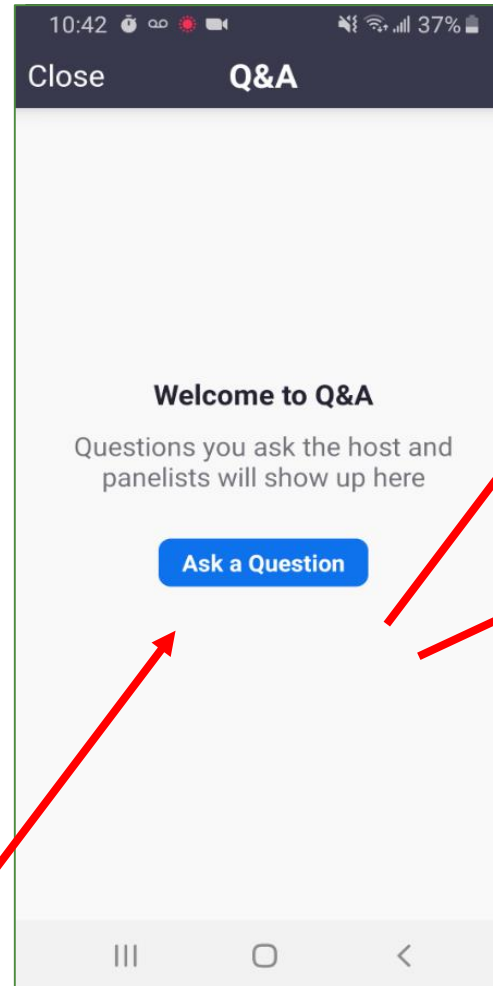
THE COLLEGE OF  
FAMILY PHYSICIANS  
OF CANADA



LE COLLÈGE DES  
MÉDECINS DE FAMILLE  
DU CANADA



# Housekeeping



Use the Q&A function to ask, vote or comment on a question

**Where we  
are now!**





# New Names!

---

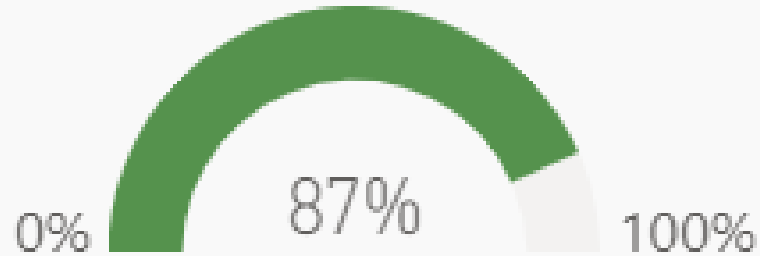
- Full Health Canada approval means new names!
- Pfizer-BioNTech > Comirnaty
- Moderna > Spikevax
- AstraZeneca > Vaxzevria



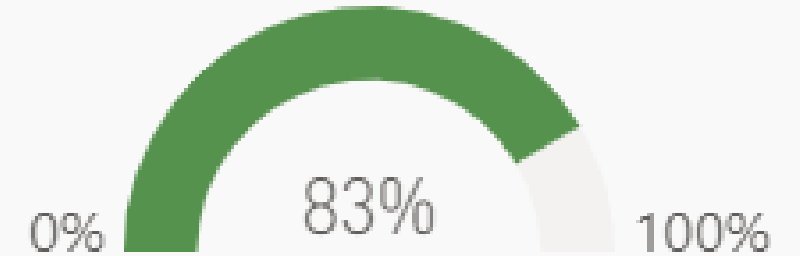
# COVID-19 Vaccination coverage

As of October 6, 2021:

## COVID-19 vaccination rates among 12+ in Halton

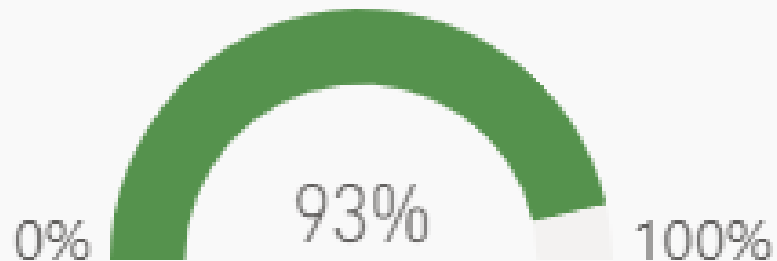


% of population with at least one dose

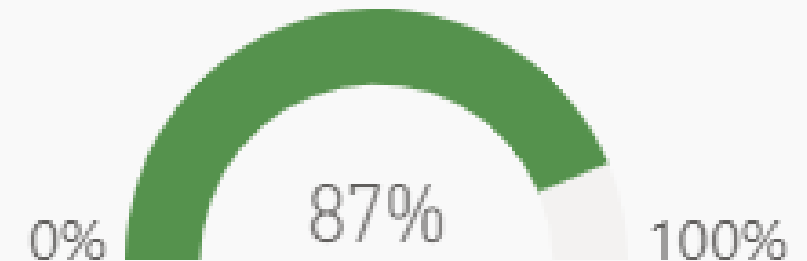


% of population with both doses

## COVID-19 vaccination rates amongst 12-17 year olds in Halton



% of population with at least one dose



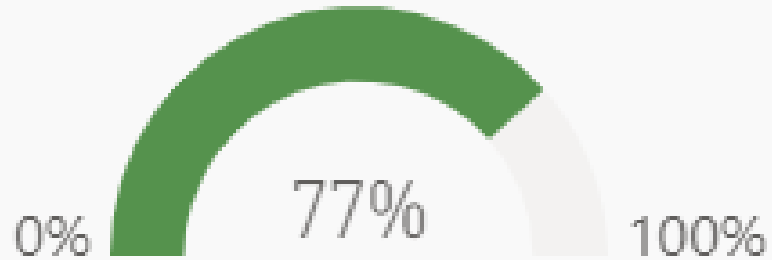
% of population with both doses



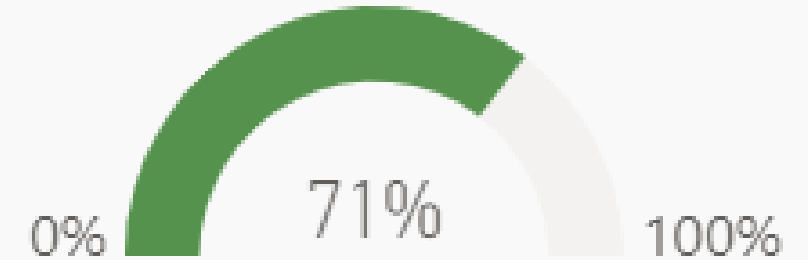
# COVID-19 Vaccination coverage

As of October 6, 2021:

## COVID-19 vaccination rates among 25-29 in Halton

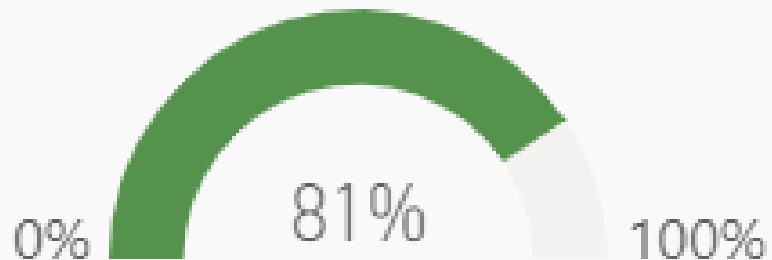


% of population with at least one dose

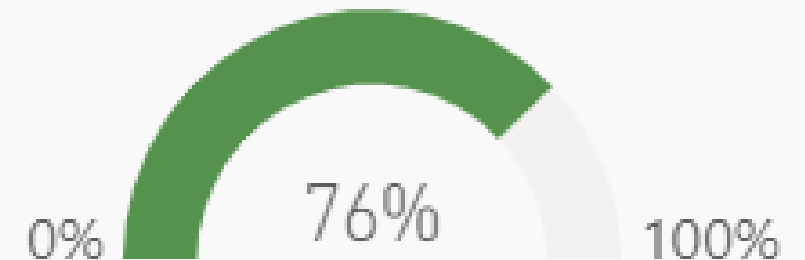


% of population with both doses

## COVID-19 vaccination rates amongst 30-34 year olds in Halton



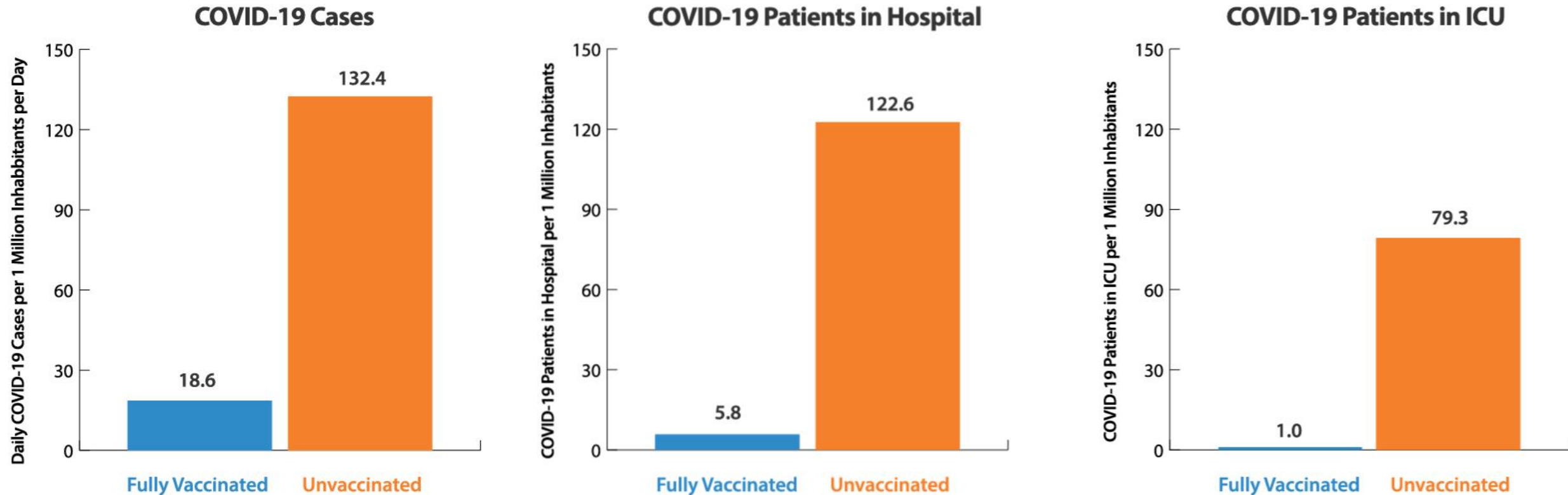
% of population with at least one dose



% of population with both doses

# Vaccines are working

The real-world evidence could not be clearer - vaccinated people are significantly less likely to get sick with COVID-19 and less likely to end up in the hospital and ICU.



**Analysis:** Secretariat of the Science Advisory Table (<https://covid19-sciencetable.ca/ontario-dashboard/>)  
**Data:** <https://data.ontario.ca/> and CCM plus; estimates of patients in hospital and ICU are age standardized

# Expanded eligibility for 3-dose primary series

- Individuals receiving active treatment for **solid tumour or** hematologic malignancies.
- Recipients of solid-organ transplant and taking immunosuppressive therapy
- Recipients of **chimeric antigen receptor (CAR)-T-cell therapy** or hematopoietic stem cell transplant (within 2 years of transplantation or immunosuppression therapy).
- **Individuals with moderate to severe primary immunodeficiency** (e.g., DiGeorge syndrome, Wiskott-Aldrich syndrome).
- Individuals with **stage 3 or advanced untreated HIV infection** and those with acquired immunodeficiency syndrome.
- Individuals receiving the following categories of immunosuppressive therapies: anti-B cell therapies (monoclonal antibodies targeting **CD19**, CD20 and **CD22**), **high-dose systemic corticosteroids, alkylating agents, antimetabolites, or tumor-necrosis factor (TNF) inhibitors and other biologic agents that are significantly immunosuppressive**



[COVID-19 Vaccine Third Dose Recommendations \(MOH\)](#)

# Booster doses for LTC residents

- Increasing outbreaks and COVID-19 cases in LTCH
- Result of waning effectiveness, community transmission, unvaccinated staff, more transmissible Delta or combination of all factors
- Booster doses for residents of:
  - Long-Term Care Homes (LTCH)
  - High-Risk Retirement Homes (RH)
  - Elder Care Lodges
- Halton LTCH/high-risk RH boosters complete

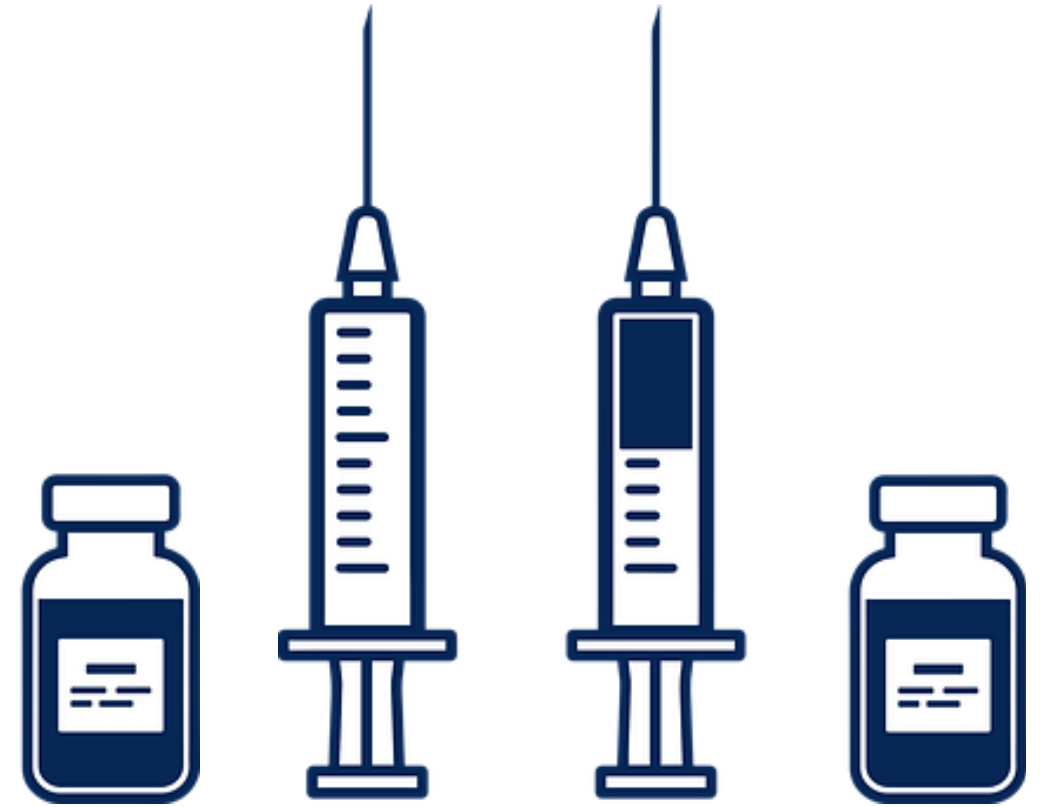
[NACI rapid response: Booster dose in LTC residents](#)  
[COVID-19 Vaccine Third Dose Recommendations \(MOH\)](#)



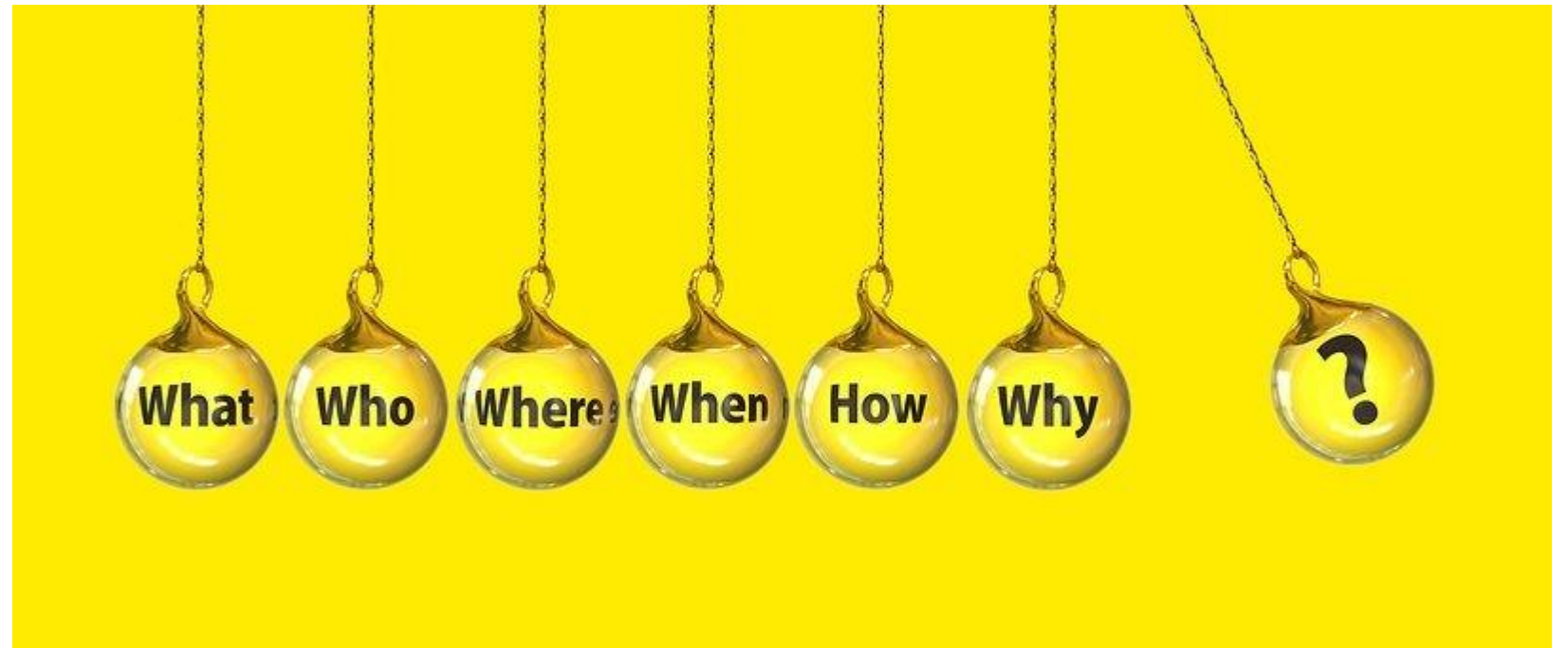


# Co-administration with other vaccines

- Pre-cautionary approach no longer necessary
- **COVID-19 vaccines can be administered concomitantly with, or at any time before or after non-COVID-19 vaccines**
- No need for intervals between different vaccines



# Vaccinating our under 12 population



# What we know so far...

- Pfizer submitted preliminary data to Health Canada with results on Phase 2/3 trials in 5 to 11 year olds
  - Two dose series
  - Reduced dose: 1/3 the antigen content of adult dose; 10 doses/vial in pediatric version
  - Safe: similar side effect profile to older age group
  - “robust neutralizing antibody response”
  - “Preliminary data” has been submitted to Health Canada



# Top locations for getting the vaccine

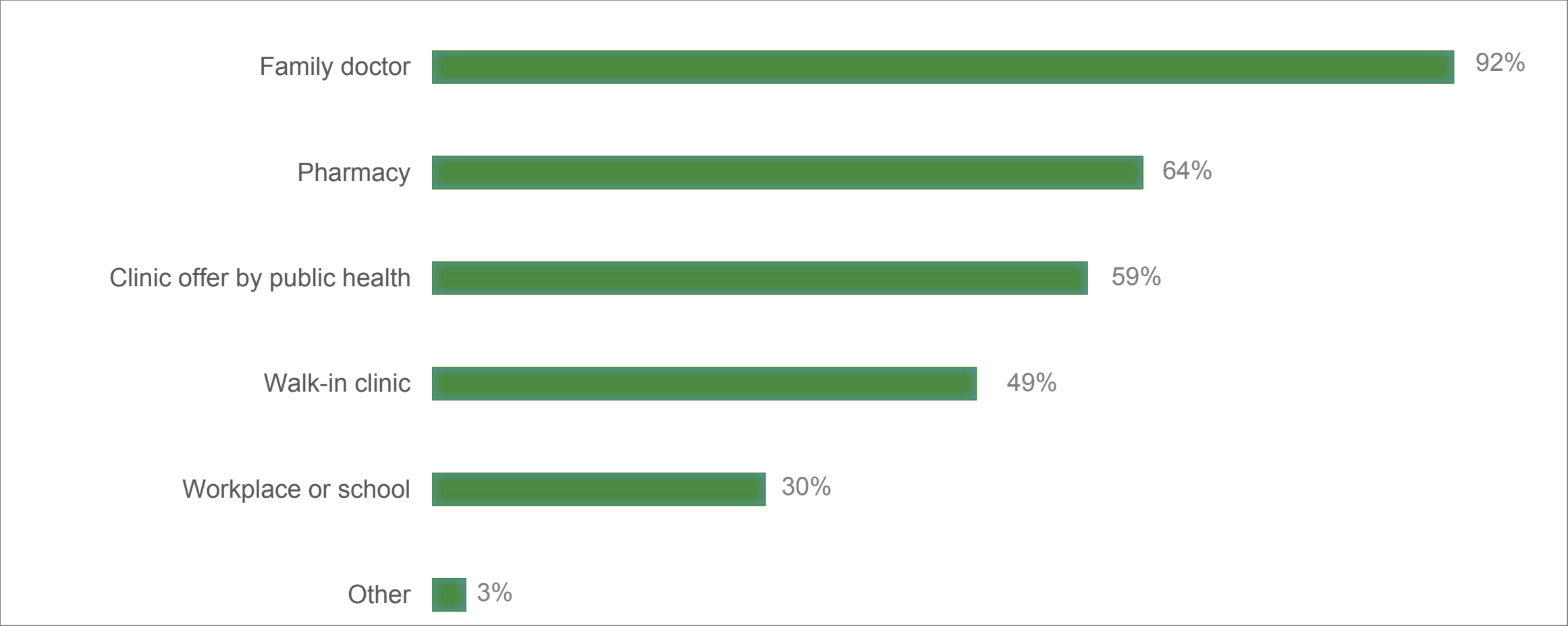


Figure 1: Percentage of survey respondents who prefer certain locations to get the COVID-19 vaccine, COVID-19 RRFSS survey, 2020.

*Note: participants could select multiple response options.*

*"Other" locations included: anywhere the vaccine is available, seniors' locations such as retirement and long-term care homes, hospitals and outdoor locations.*



# Pharmacy capacity

- Based on 7-day moving average, peak pharmacy capacity was 2,130 vaccinations/day in late June
- Immunization rates would slow with younger children.
- Pharmacy capacity constrained by supply issues at the time
- Initial planning assumption: pharmacies can vaccinate ~1000/day

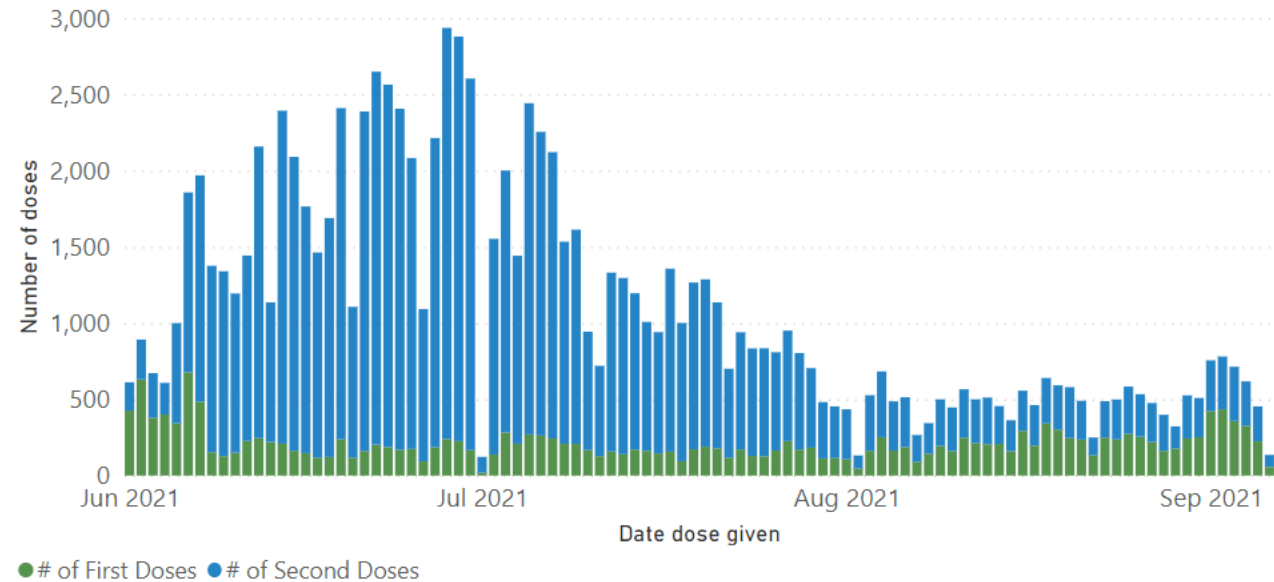


Fig: Number of doses administered in pharmacies and physicians offices over time in Halton, by first and second doses, June 1-September 6, 2021

# COVID-19 vaccination scenarios

In a typical practice with 125 patients aged 5-11:



**1 vial  
per day** =



**10 patients  
per day**



**12.5 days to  
complete**



**4 vials  
per day** =



**40 patients  
per day**



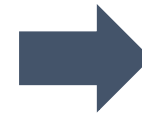
**3.1 days to  
complete**



**6 vials  
per day** =



**60 patients  
per day**



**2.1 days to  
complete**

# Vaccinating in primary care clinics



# Offering COVID-19 vaccine at primary care practices

## Onboard now

- Email [doctors@halton.ca](mailto:doctors@halton.ca)

## Onboard online

- Starting mid October, online process launching
- October 19 (5-6 pm) live, virtual onboarding training session

## Resources

- [COVID-19 Community of Practice self-learning program](#)
- [Primary Care and COVID-19 Support Community of Practice](#) – lessons learned





# Steps to offer COVID-19 vaccine at your primary care practice

Readiness checklist & MOU

[OntarioMD COVax Training](#)

Halton online onboarding session

Receive COVax accounts & vaccine event

Order COVID-19 vaccine online



# Tips for COVID-19 vaccine success!

Document  
date and  
time of first  
puncture

Confirm use  
by date and  
time every  
time

Discard  
wasted  
vaccine  
immediately



# School-Based Immunization Eligibility at Community Clinics

## Hepatitis B (Engerix®)

### Birth Year

2006\*, 2007\*, 2008,  
2009

### Grade in 2021-2022 school year

Grade 7, 8, 9, 10

## HPV-9 (Gardasil®)

### Birth Year

- 2002\*, 2003\*, 2004-2009 females
- 2004-2009 males

### Grade in 2021-2022 school year

- Grade 7-12
- Grade 12 in 2019-2020
- Grade 12 in 2020-2021

## Meningococcal ACYW-135 (Nimenrix®)

### Birth Year

2002 - 2009

### Grade in 2021-2022 school year

- Grade 7-12
- Grade 12 in 2019-2020
- Grade 12 in 2020-2021



\*must complete immunization(s) by Aug. 31, 2022 to be eligible for a publicly funded vaccine

# What about...





# Myocarditis and pericarditis

18.6 million  
mRNA  
doses

314 cases of  
myocarditis/  
pericarditis



Pfizer

Dose 1 = 6.4  
per million  
doses

Dose 2 = 8.7  
per million  
doses

Moderna

Dose 1 = 6.6  
per million  
doses

Dose 2 =  
28.2 per  
million doses

[A primer for primary care professionals: Myocarditis and Pericarditis after COVID-19 vaccination](#), University of Waterloo

# Pfizer COVID-19 vaccine for 18-24 y.o.

- Ontario issued preferential recommendation for Pfizer-BioNTech COVID-19 vaccine for 18-24 y.o.
- Observed increase of pericarditis/myocarditis following Moderna vaccination vs. Pfizer in 18-24 y.o., especially among males
- Since start of COVID-19 immunization program in Ontario – 314 reports of myocarditis/pericarditis following mRNA vaccine
- Still a rare AEFI (0.01% to under 0.1%)

Severity	
Emergency Department visit	202 (99.0%)
In patient hospitalization	146 (71.6%)
ICU admission	3 (1.5%)
Fatal	0 (0.0%)

# Questions?

Email [doctors@halton.ca](mailto:doctors@halton.ca)

Call 311

[halton.ca/COVIDvaccines](https://halton.ca/COVIDvaccines)

