



**Séance publique du Conseil
d'administration du CUSM**
***Public Meeting of the
McGill University Health Centre
Board of Directors***

20-09-2021

Via ZOOM



Peter Kruyt

Président du conseil d'administration / Chairman MUHC Board of Directors

1. Mot d'ouverture du président / *Chairman's Opening Remarks*
2. Approbation de l'ordre du jour / *Approval of the Agenda*
3. Approbation du procès-verbal / *Approval of the Minutes*
4. Affaires découlant du procès-verbal / *Business Arising from the Minutes*
5. Approbation des points de consentement - résolutions / *Approval of Consent Items - Resolutions*
6. Rapport du président-directeur général / *President and Executive Director's Report*
7. Présentation / *Presentation*
8. Varia
9. Période de questions du public / *Public Question Period*
10. Mot de clôture du président et levée de la séance / *Chairman's Closing Remarks and Adjournment*



6. Rapport du président-directeur général

President & Executive Director's Report



6. Rapport du président-directeur général

➤ La pandémie

- Épidémiologie
- Centre de coordination des mesures d'urgences (CCMU)
- Vaccination obligatoire des travailleurs de la santé

➤ La situation des hôpitaux aux niveaux :

- Provincial
- Régional
- Local



6. Rapport du président-directeur général

- Visite du ministre de la Santé et des Services sociaux
 - Projets de modernisation Neuro / HGM (le 29 juin 2021)
- Visite de la Sous-ministre et du Sous-ministre adjoint de la Santé et des Services sociaux
 - Projets de modernisation Neuro / HGM (le 28 juillet 2021)
- Visite du ministre délégué de la Santé et des Services sociaux
 - Agir tôt / Santé mentale / Mère-enfant (le 9 août 2021)
 - Rencontre sur la gestion des listes d'attentes (le 2 septembre 2021)
- Visite de Mme Isabelle Brais et la Dre Allison Furey
 - Hôpital de Montréal pour enfants (le 9 août 2021)



6. Rapport du président-directeur général

- **Mise à jour sur les projets de modernisation**
 - Hôpital de Lachine
 - Hôpital général de Montréal
 - Le Neuro

- **Désencombrement des salles d'urgences**
 - Rapport de l'équipe STAT (Soutien, Transformation, Accès, Terrain) suite au visite du MSSS aux salles d'urgences du site Glen et de l'Hôpital de Lachine (les 25 et 26 mai 2021)



6. Update from the President and Executive Director

Emergency Situation at the Glen Site

- Code silver launched following reports of gunshots heard at the south exterior of the hospital (August 24, 2021)
- Emergency code was lifted at around 4:30 a.m., with the safe resumption of all patient care and regular activities
- Investigation conducted by the SPVM
- Increased support services offered to support staff, residents and physicians
- Debrief (hot/cold) conducted by MUHC Emergency Measures Coordination Centre to improve the handling of these rare events and making any necessary changes to the emergency response plan



6. Rapport du président-directeur général

Déclaration de mises sous garde Périodes financières 4 à 6, 2021-2022

- Préventives : 285
- Provisaires : 76
 - Présentées au tribunal, mais pas nécessairement exécutées (désistements et quelques dossiers pas accordés)
- Autorisées en vertu de l'article 30 du CCQ : 43

*Prochaine déclaration à la séance publique du conseil
d'administration le 10 décembre 2021*



6. Report of the President & Executive Director

Recruitment to Fill Senior Positions

- Associate Director of Nursing- Medical Mission
 - *Lucy Wardell (July 5, 2021)*
- Associate Director of Nursing- MCH and Women's Health
 - *Cindy McCartney (September 1, 2021)*
- Associate Director Professional Services
 - *Dr. Claudine Lamarre (August 9, 2021)*

Senior Positions Posted

- Associate Director, Quality, Evaluation, Performance and Ethics
- Associate Director, Procurement and Logistics
- Associate Director, Technical Services



6. Report of the President & Executive Director

Bienvenue / Welcome

La nouvelle directrice exécutive et scientifique en chef de
l'Institut de recherche du CUSM / The new Executive
Director and Chief Scientific Officer of the Research
Institute of the MUHC (2021-08-30)

Professor Rhian M. Touyz



6. Report of the President & Executive Director



Recognition

➤ Quarter Century Club

- Virtual celebration on September 22, 2021
- Recognizing 890 employees and physicians reaching milestones in 2019-2020:
 - ✓ 25 years of service: 171
 - ✓ 30 years of service: 447
 - ✓ 35 years of service: 172
 - ✓ 40 years of service: 75
 - ✓ 45 years of service: 23
 - ✓ 50 years of service: 2

6. Report of the President & Executive Director



Awards

- **Society of Obstetrics and Gynecology of Canada**
President's award in recognition of contributions to women's health
⇒ Dr. Alice Benjamin
- **Duncan Graham Award**
Royal College of Physicians and Surgeons of Canada for outstanding contribution to medical education
⇒ Dr. Gerald Fried
- **New Canadian Academy of Health Sciences Fellows**
Prestigious honour in Canadian health sciences recognizing individuals for their leadership in and commitment to their field of expertise
 - ⇒ Dr. Jean Bourbeau
 - ⇒ Dr. Lesley Fellows
 - ⇒ Dr. Togas Tulandi
 - ⇒ Dr. Alain Dagher



Presentation

Dr. Donald Sheppard

Director,

McGill Interdisciplinary Initiative in Infection and Immunity



COVID-19 CORNER

Dr Don Sheppard

Chair, Dept. of Microbiology & Immunology

Director, McGill Interdisciplinary Initiative in Infection and Immunity

The Fourth Wave....

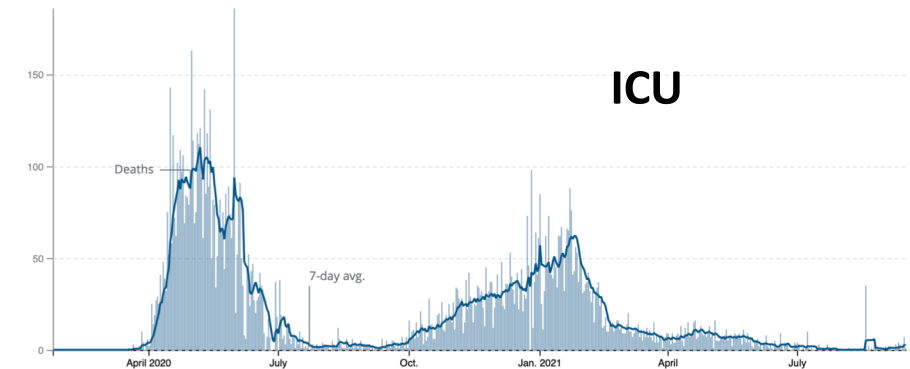
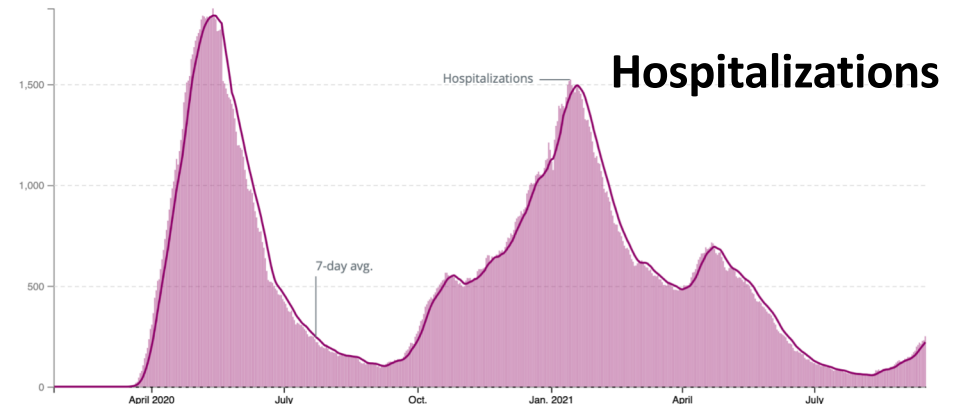
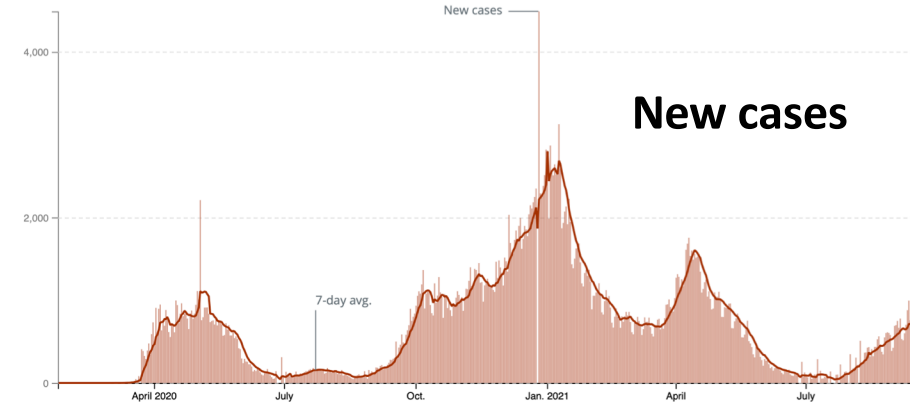


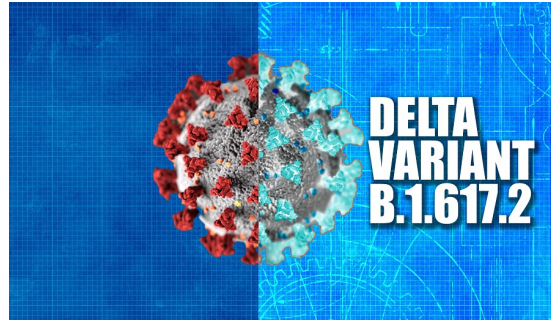
Where are we today?



Key Facts:

- Current 7 day case average: 754
- Current hospitalizations: 280
- Current ICU admissions: 92
- Double vaccination rates:
 - 83% of eligible pop
 - 73% of total population
 - 70% of total pop >7 days from 2nd dose

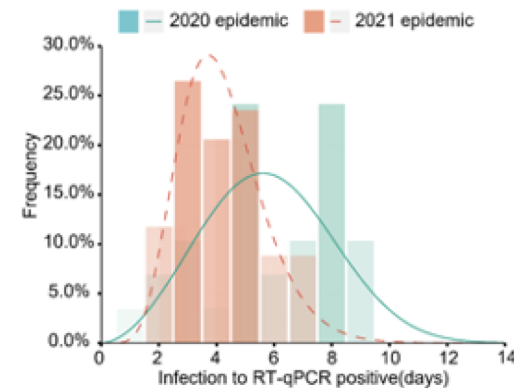
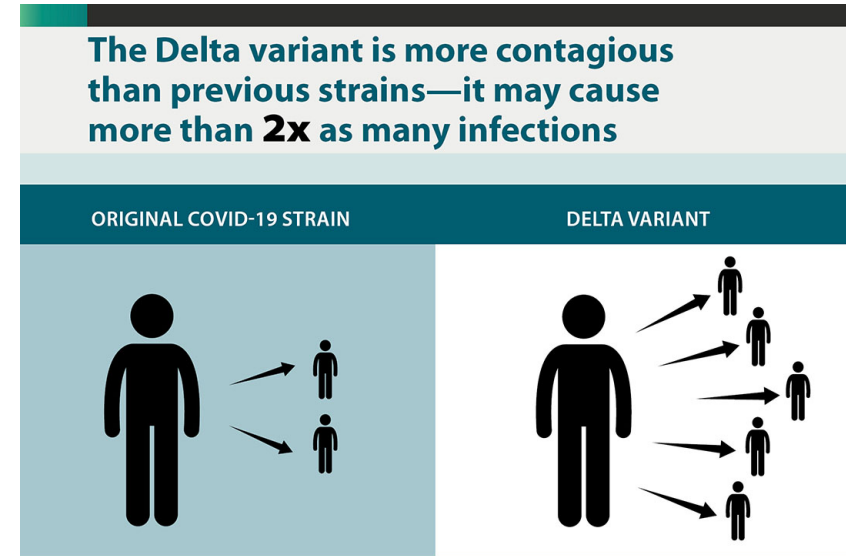




Delta is more transmissible



- UK variant was 2x as contagious as original strain
- Delta is 2x as contagious as the UK variant
- Viral loads are up to 1000-fold higher
- Incubation period is shorter
- Shedding may be longer

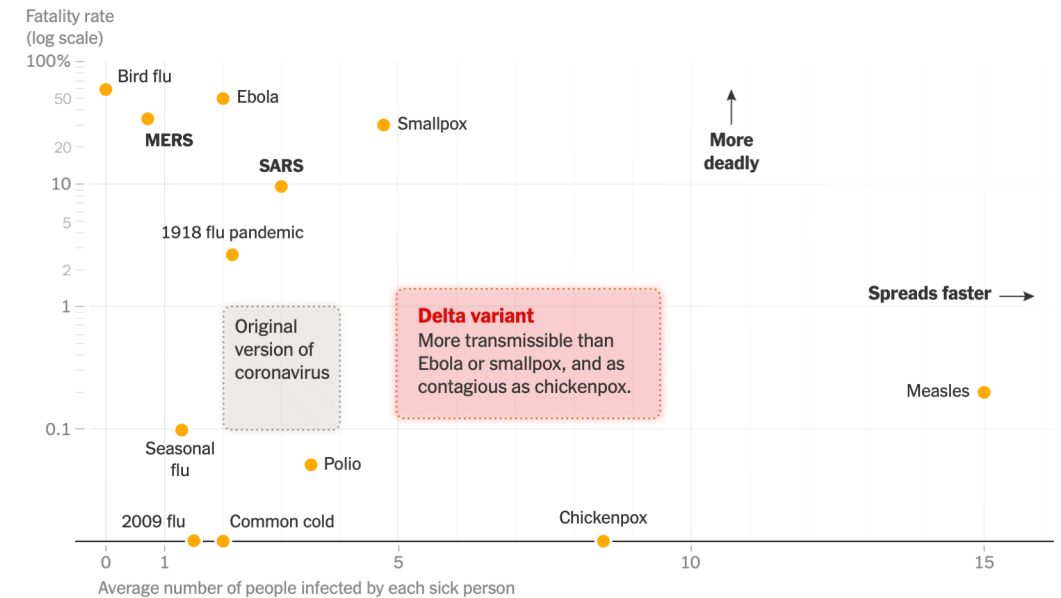


Incubation period
Delta: 3-4 d
Original strain: 5-6 d

Delta is more virulent



- Scottish study: risk of hospitalization 2x vs Alpha
- Ontario data: 120% increase in hospitalizations vs original strain
- In Qc: although hospitalization rate is lower than 2nd wave, the fraction in ICU is higher
- CDC studies found no increase in hospitalization or ICU rates in children

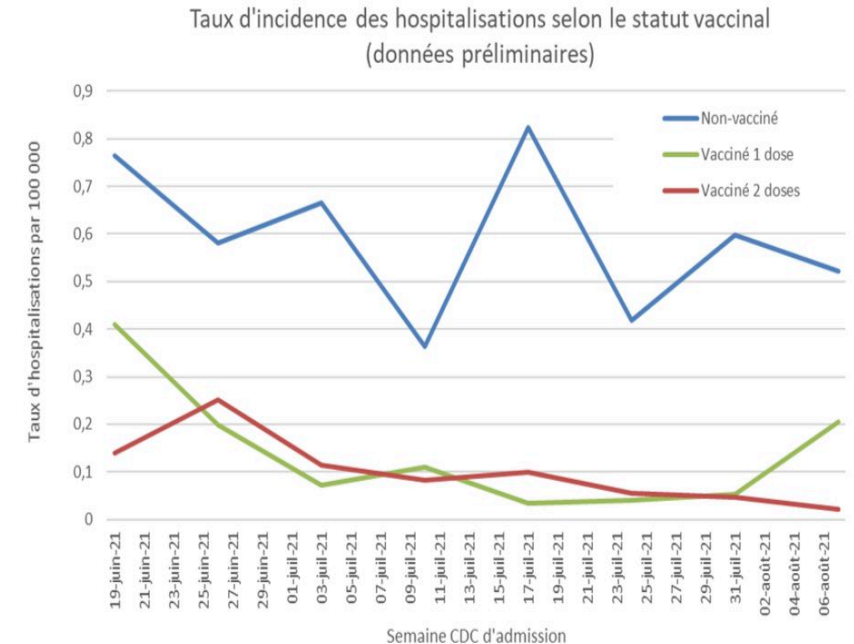


Does vaccination protect against Delta?



Severe illness and hospitalization

- **Pfizer**
 - UK: 96% effective
 - Israel: 93% effective
- **Moderna**
 - Canada: 96% effective
- **AstraZeneca**
 - UK: 92% effective
 - Canada: 88% effective



Vaccinated individuals in Qc have a 35-fold lower rate of hospitalization!

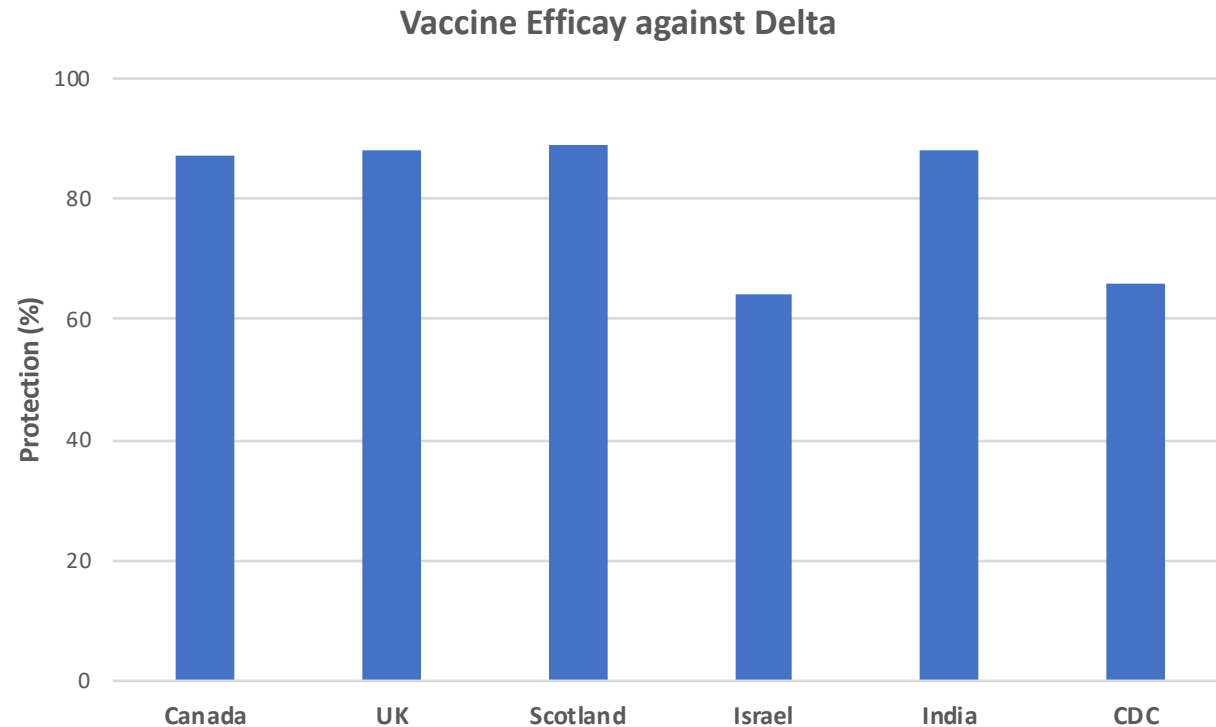
Does vaccination protect against Delta?



Symptomatic disease

- Studies from around the world show efficacy ~65-85%
- Multiple studies demonstrate
 - Vaccine breakthrough can transmit
 - Viral load in unvaccinated and vaccine breakthrough infections are the same
 - Likely shorter illness if vaccinated

Take home message: breakthrough infections in double vaccinated individuals can transmit!



Does vaccination protect against Delta?



Symptomatic disease

- Studies from around the world show vaccine efficacy ~65-85%
- Multiple studies demonstrate:
 - Vaccine breakthrough
 - Viral load in unvaccinated breakthrough
 - Likely shorter infectious period



ay against Delta

Canada UK Scotland Israel India CDC

Take home message: In double vaccinated individuals can transmit!

Vaccine rollout: How successful is it?

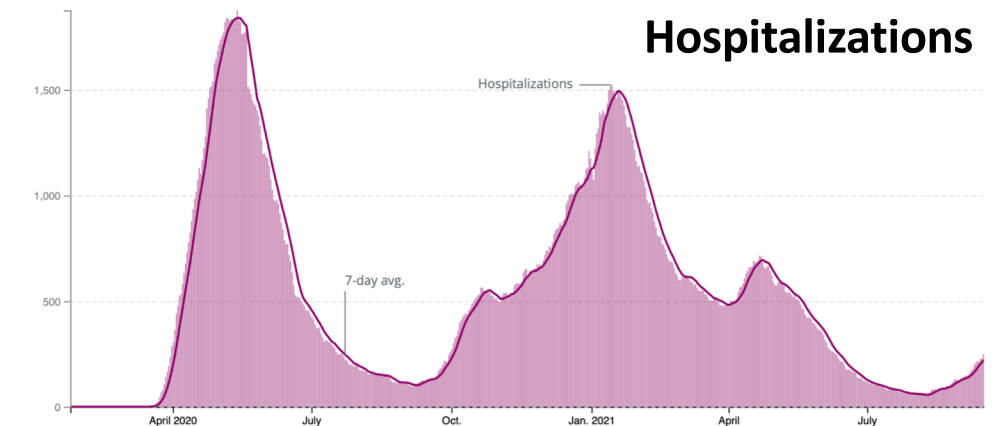
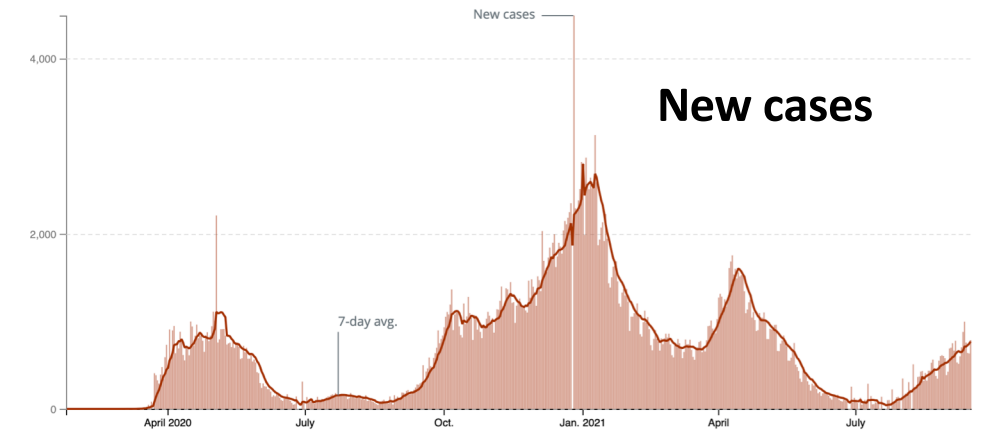


Two doses given to:

- 82% eligible population
- 73% total population
- **~55% population immune**
(assuming 75% protection)

Predicted hospitalizations

- Compared with 2nd wave
- 16% (300) if vaccines are 90% effective
- 20% (360) if vaccines are 85% effective



Vaccine rollout: How successful is it?

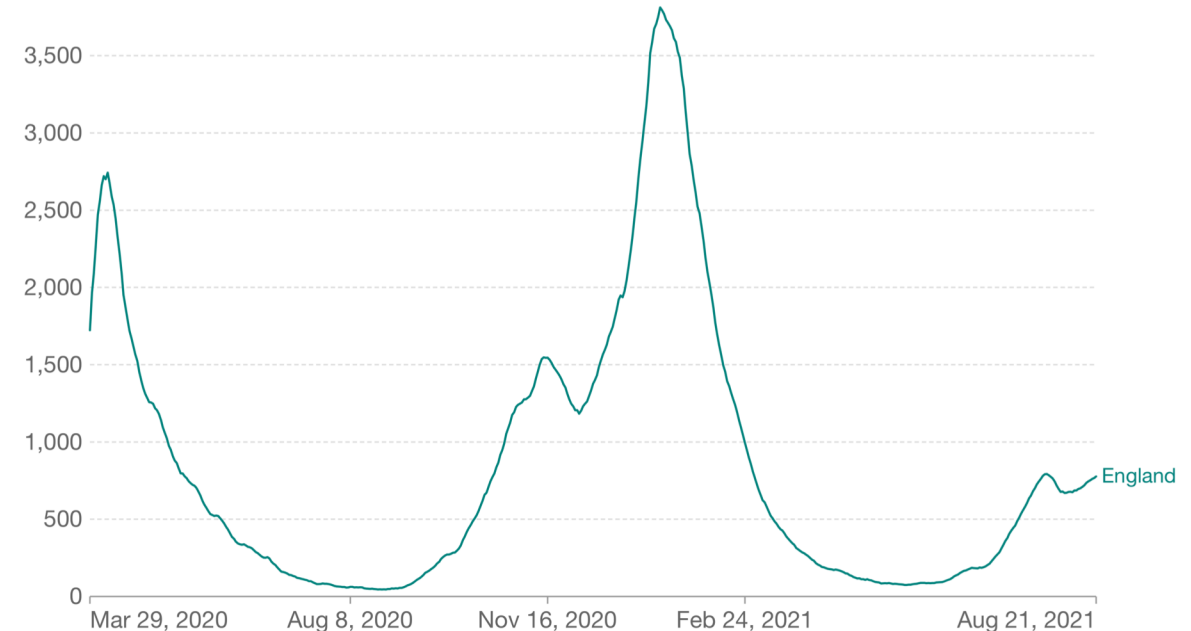


Two doses given to:

- 82% eligible population
- 73% total population
- ~55% population immune (assuming 75% protection)

Predicted hospitalizations

- Compared with 2nd wave
- 16% (300) if vaccines are 90% effective
- 20% (360) if vaccines are 85% effective



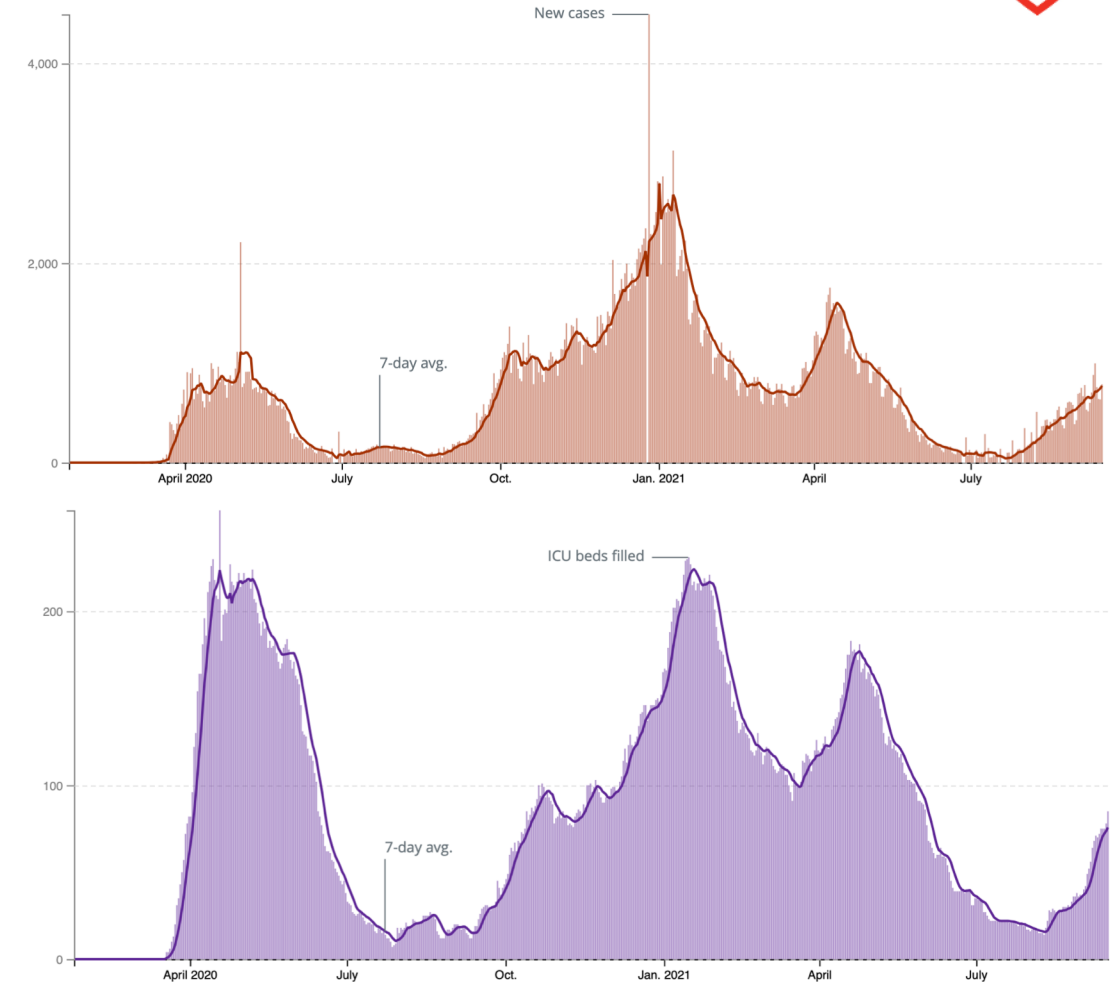
UK Hospital Admissions

A note of caution: ICU beds



Compared with 2nd wave

- Daily cases are 1/3 of 2nd wave peak
- In infected individuals:
 - Hospitalization rates in infected individuals are 50% lower
 - **ICU admission rates in infected individuals are the same**



What about declining immunity?

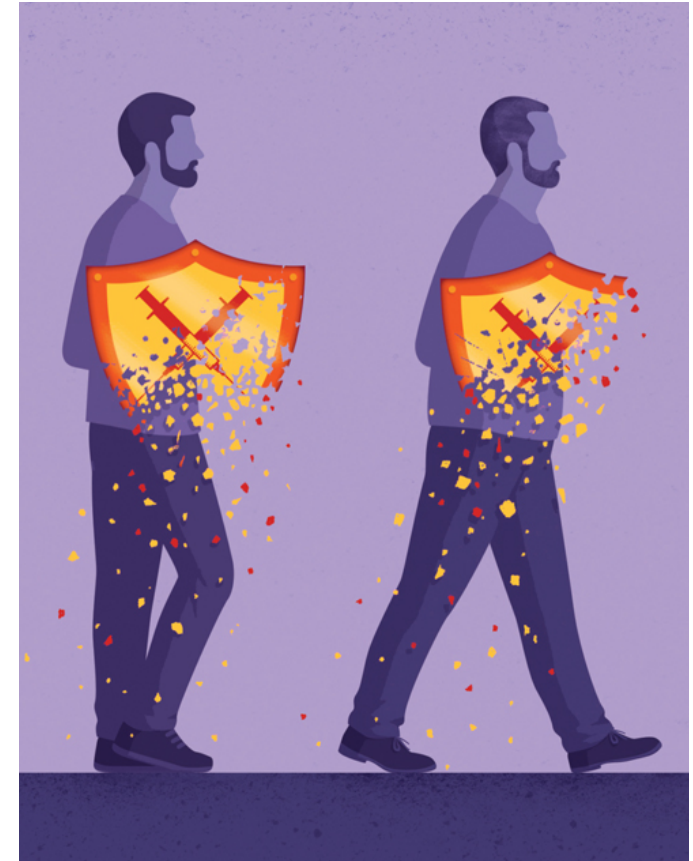


Do we need boosters?

- Israel: 75% vs 16% protection for those vaccinated in April vs January
- US studies - protection against **all COVID illness**
 - Mayo Clinic data: protection against Delta 76% in January to 42% in July
 - 2nd study: 92% in May to 80% in July
 - Nursing home study: 75% in March to 53% in July

New Israel data, 3rd dose in >60 yrs old

- **20-fold reduction in severe illness**



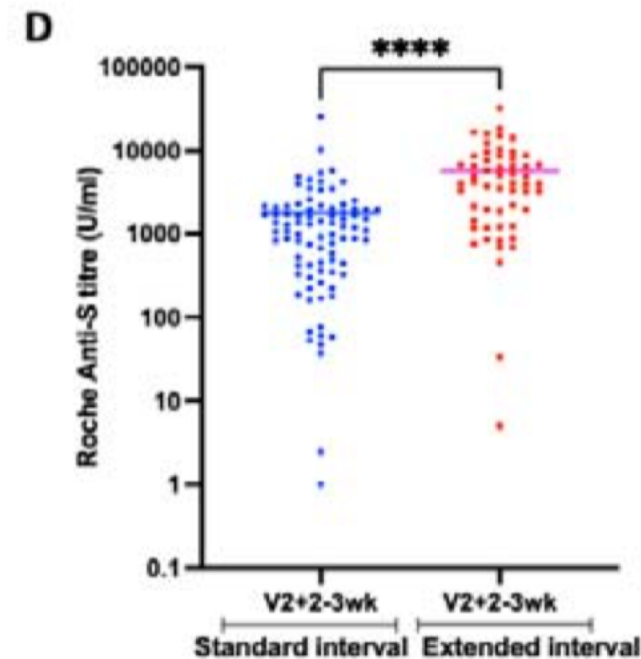


But – is this relevant in Quebec

Israel (and US) administered 2nd dose at 21d

Delayed 2nd dose = better immunity

- UK study, 172 Pfizer recipients, >80 yrs
- Randomized to 3 week or 12 week delay
- Antibody titers 3.5 times higher in delayed vaccinated group!



A question of equity?



nature

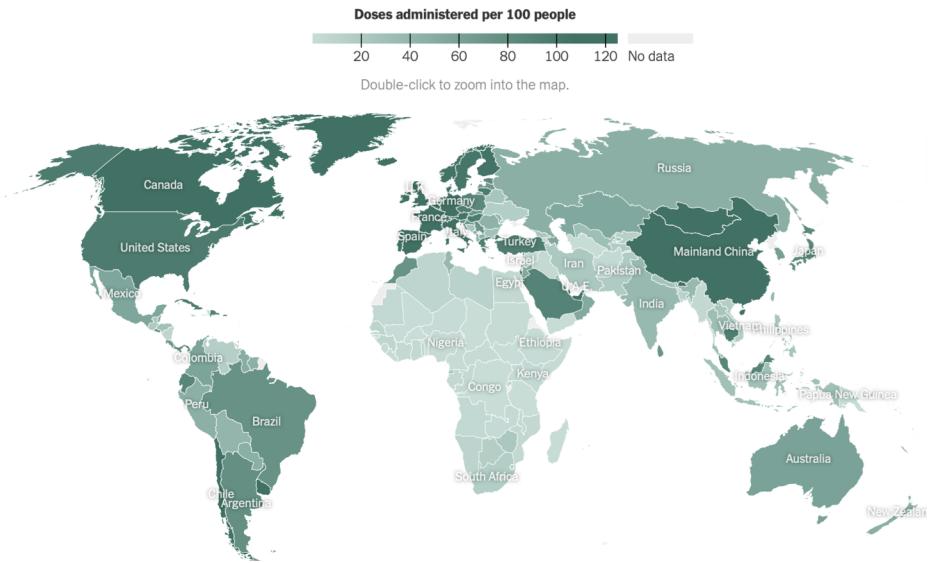
Explore content | Journal information | Publish with us | Subscribe

nature > news > article

NEWS | 30 July 2021

COVID boosters for wealthy nations spark outrage

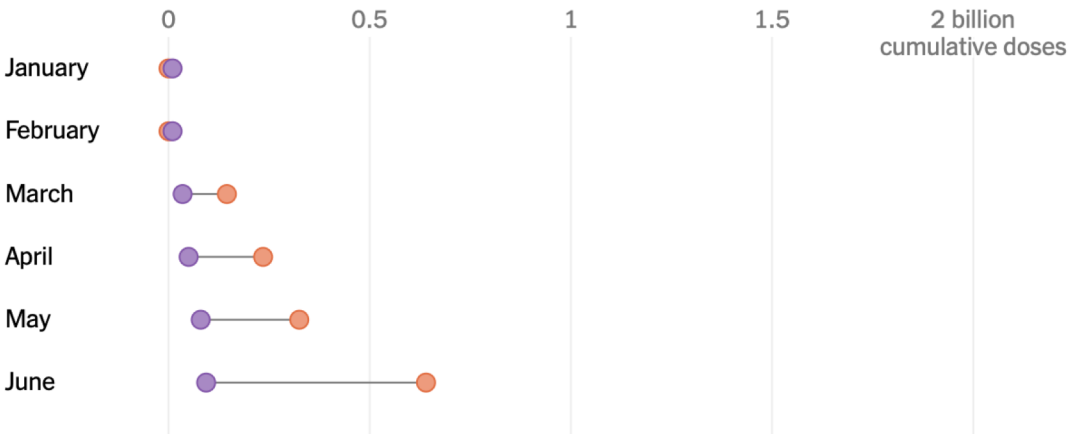
Nations short of vaccine should get first doses to curb the pandemic, researchers say.



HEALTH • COVID-19 VACCINE

Global COVID vaccine program Covax falls short of its distribution target

BY JAMES PATON AND BLOOMBERG
September 8, 2021 10:12 AM GMT-4



Almost 550 million fewer doses were **delivered** between January and June than **originally forecast** would be available.



Beyond Equity:

Emergence of variants: a global challenge





“Think globally, act locally.....”



“Think globally, act ~~locally~~.....”
GLOBALY!!!



What comes next....

- Vaccines in pediatric population
 - Pfizer announced vaccine is safe and immunogenic in >5 yrs old
- Novel therapeutics
 - Pfizer protease inhibitor
 - Merck RNA transcriptase inhibitor
- Re-learning to balance risk
 - What is tolerable on a personal and health system level?





**Questions and
suggestions are
welcome!**





8. Varia



Assemblée annuelle publique du CUSM

Notice of Annual Public Meeting

2021-10-25

12:30 – 14:30



9. Public Question Period



10. Closing Remarks and Adjournment