

COVID-19 Update - TDSB June 14, 2021



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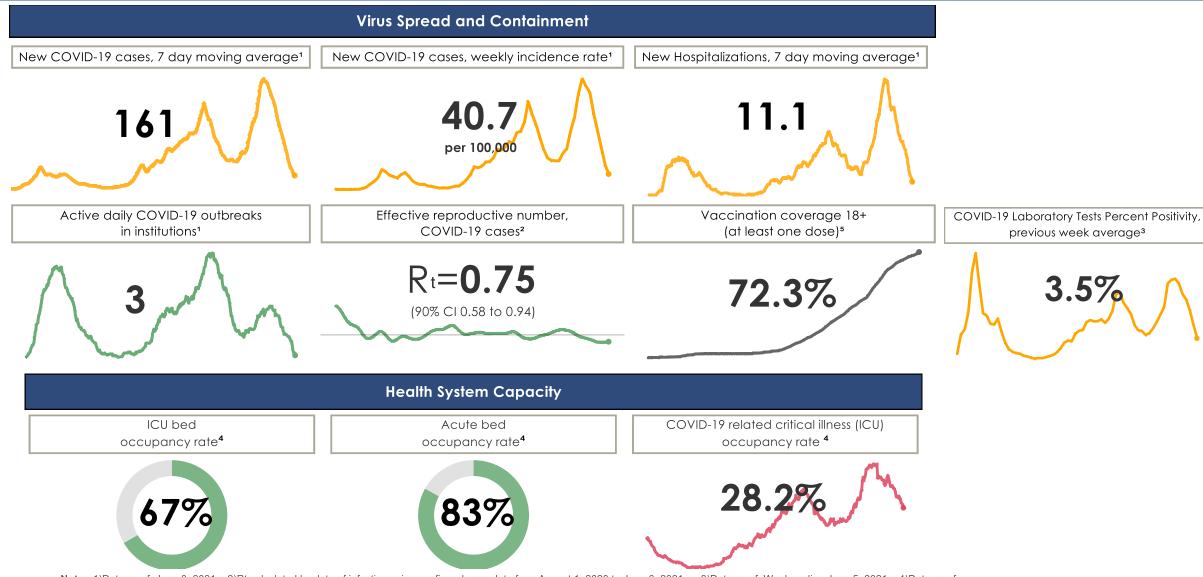
Outline



- COVID-19 statistics
- COVID-19 in schools
- Delta Variant
- Vaccination efforts
- New public health guidance for schools
- Public health measures
- Mental health promotion

Key COVID metrics continue to improve, while vaccine coverage increases



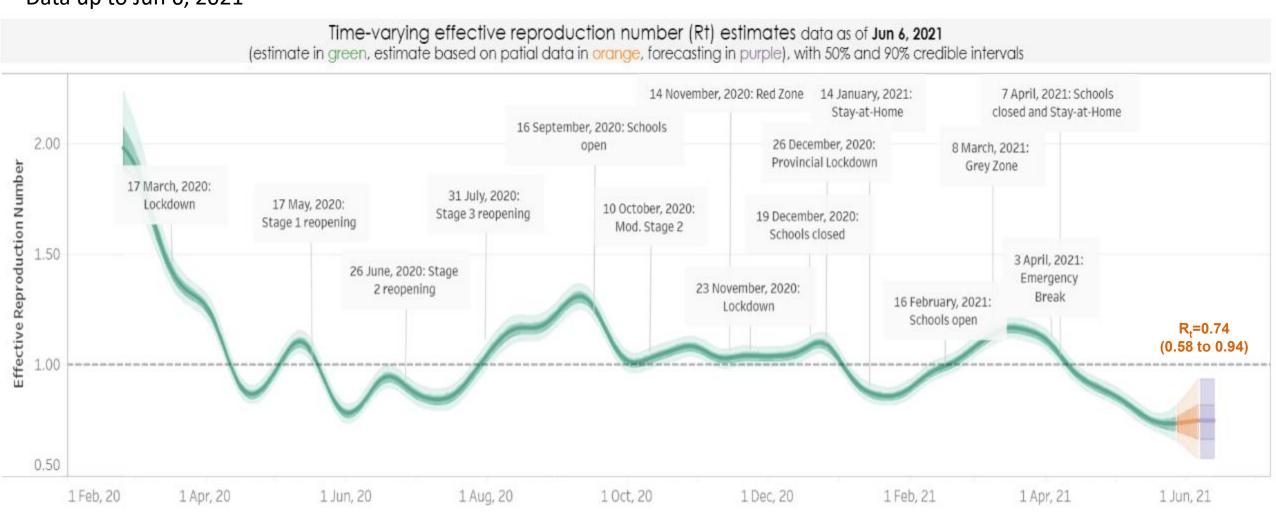


^{*} Notes: 1) Data as of: June 8, 2021 2) Rt calculated by date of infection using confirmed case data from August 1, 2020 to June 6, 2021 3) Data as of: Week ending June 5, 2021 4) Data as of June 6, 2021 5) Data as of: June 7 2021 6) Data for March, 2021

Pandemic case transmission has been consistently decreasing since early April

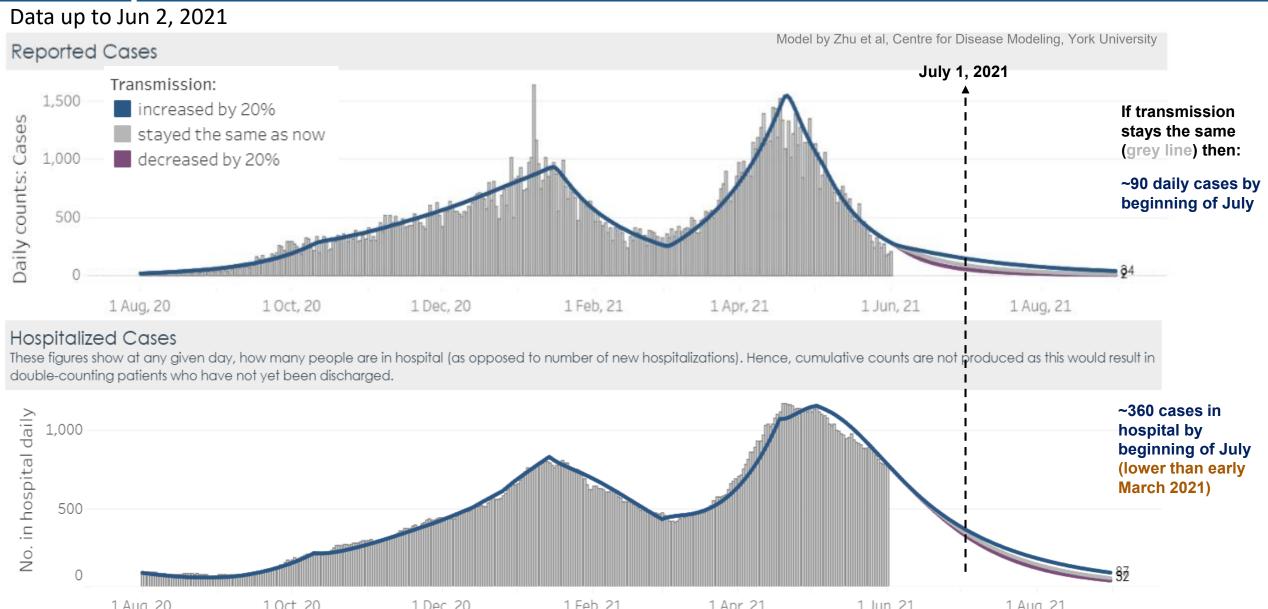


Data up to Jun 6, 2021



Hard work and vaccine supply has resulted in improved summer outlook for new cases and hospitalizations





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School Data-Toronto COVID-19 Data



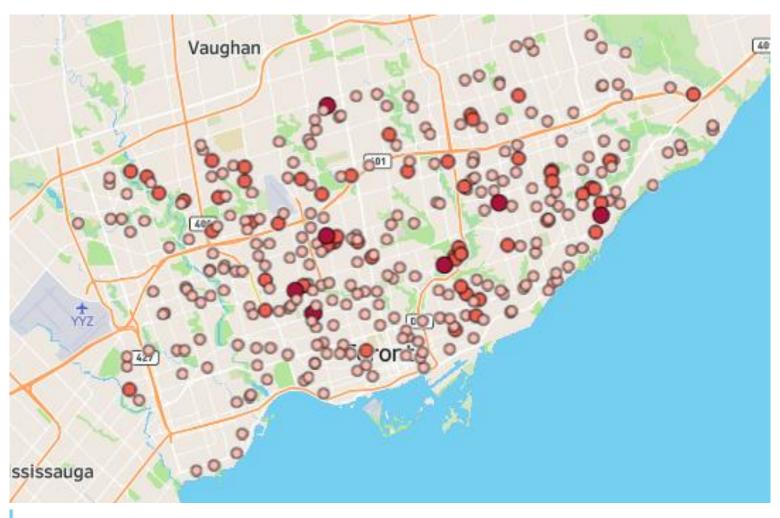
Active	Cumulative	Total Case
Outbreaks	Outbreaks	Counts
In Schools	In schools	In Schools
0	389	1819

- Average Cases per outbreak = 4.7
- Average Outbreak duration= 20.4 days
- For number of cases in schools, please go to <u>the</u> <u>Ministry of Education</u> website
- For Toronto COVID Data, see the TPH website: <u>Status of Cases in Toronto</u>

Data as of : June 14th 2021

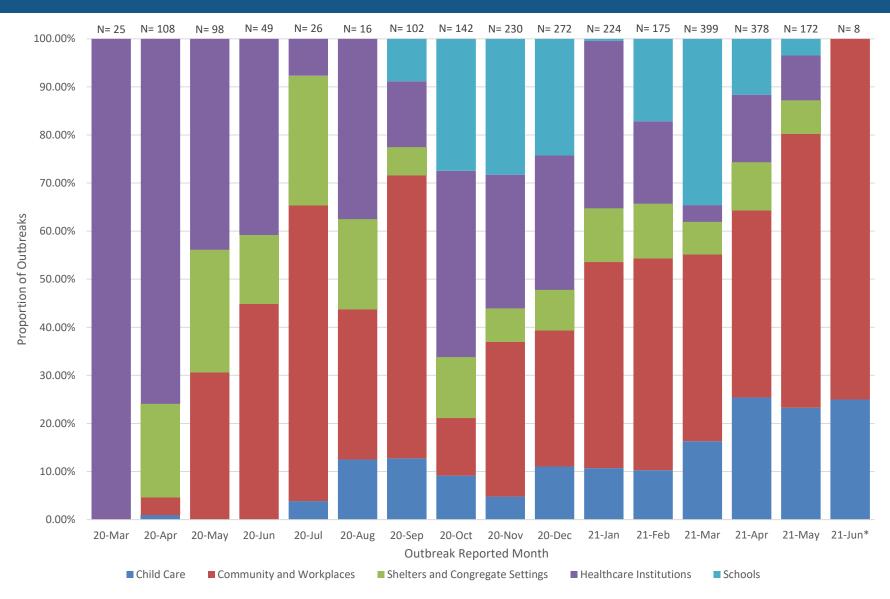
School outbreaks were spread across the city





- 80 per cent of school investigations found no secondary cases
- Genetic fingerprinting studies with Sick Kids
 - usually multiple strains of COVID-19 virus in schools
 - suggests that students and staff who had COVID-19 in a school setting most often acquired their infection in the community

Outbreaks continue to be concentrated in workplace/community Toronto settings and child care, but are declining overall Public Health



^{*}June 2021 is an incomplete month and only contains data for June 1-9

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WHO- Variants of Concern (VOC) naming



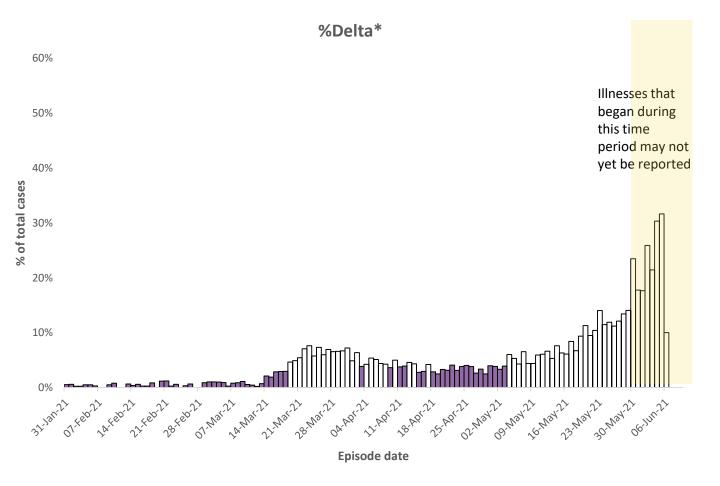
WHO label	Pango lineage	GISAID clade/lineage	Nextstrain clade	Earliest documented samples	Date of designation
Alpha	B.1.1.7	GRY (formerly GR/501Y.V1)	20I/S:501Y.V1	United Kingdom, Sep-2020	18-Dec-2020
Beta	B.1.351	GH/501Y.V2	20H/S:501Y.V2	South Africa, May-2020	18-Dec-2020
Gamma	P.1	GR/501Y.V3	20J/S:501Y.V3	Brazil, Nov-2020	11-Jan-2021
Delta	B.1.617.2	G/452R.V3	21A/S:478K	India, Oct-2020	VOI: 4-Apr-2021 VOC: 11-May- 2021

For more information please see the WHO website

Delta* variant constitutes a growing proportion of Toronto cases; acquisition is largely community



Epi curve of Delta* cases reported in Toronto, January 31 to June 9, 2021



Characteristic	Delta*
N	
Age (range, median)	
Mostly Likely Source of Infection	
Number of outbreak cases	
Number of hospitalized cases	
Number of ICU cases	
Number of fatal cases	

Data extracted from CCM on June 9, 2021.

Additional Vaccine Effectiveness larger after 2nd dose for Delta, larger after 1st does for Alpha



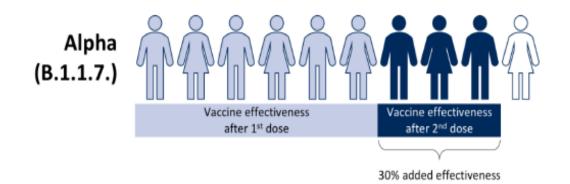
	VE	RR
Alpha (B1.1.7.)		
 1st dose 	70%	0.30
 1st & 2nd dose 	90%	0.10
 Added effectiveness of 2nd dose 	33%	0.10/0.30
Delta (B1.617.2)		
 1st dose 	40%	0.60
 1st & 2nd dose 	90%	0.10
 Added effectiveness of 2nd dose 	83%	0.10/0.60

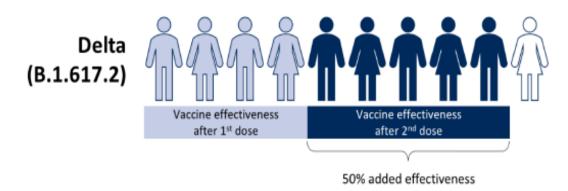
VE= Vaccine Effectiveness RR= relative risks of becoming a case

Source: COVID-19 Vaccine Rollout of Second Doses in Delta Hotspots, presented to Science Advisory and Modelling Consensus Table – June 3, 2021



Effectiveness against symptomatic infection of 1st dose larger for Alpha (B.1.1.7), effectiveness of 2nd dose larger for Delta (B.1.167.2)

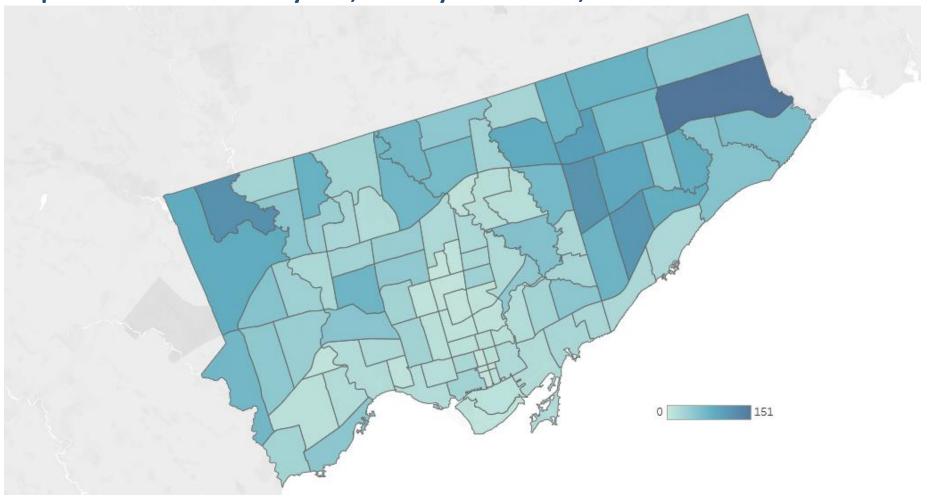




Confirmed and potential Delta* case counts are concentrated in Scarborough and north and west parts of Toronto.



Confirmed and potential Delta cases by FSA, January 31 – June 9, 2021



Data extracted from CCM on June 9, 2021.

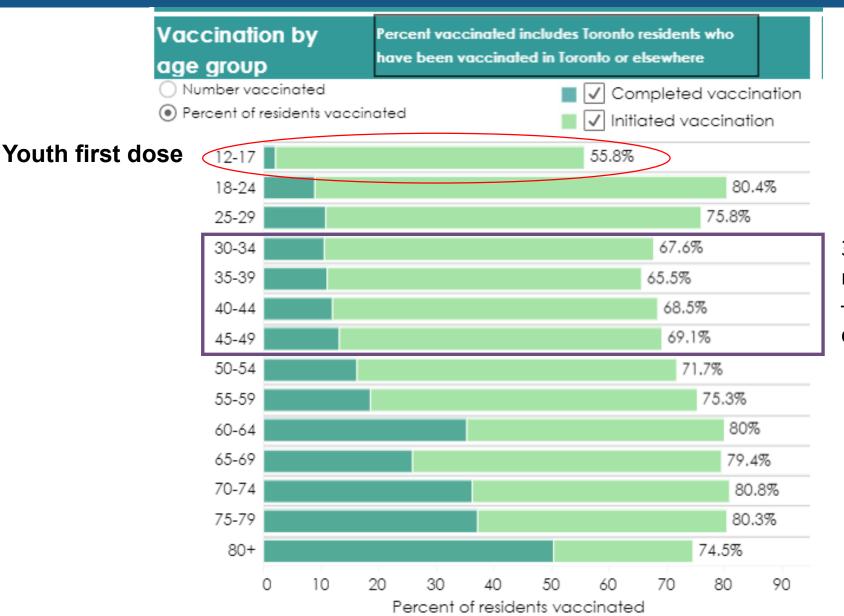
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Youth COVID-19 Vaccination stats (Data as of June 10th, 2021)





30 to 49 years olds lowest rates among adults

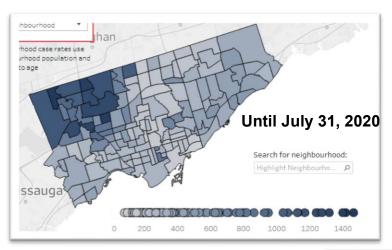
– age of many parents of children

Toronto Data-Different wave, same inequitable distribution

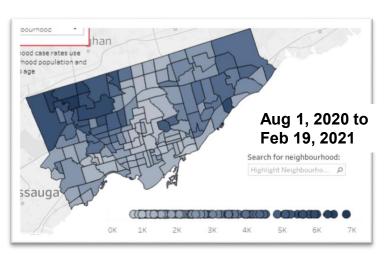


COVID-19 case rates per 100,000 across Toronto neighbourhoods, by Pandemic wave

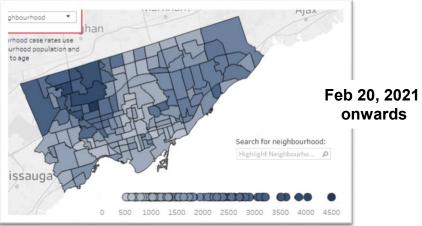
Wave 1



Wave 2



Wave 3

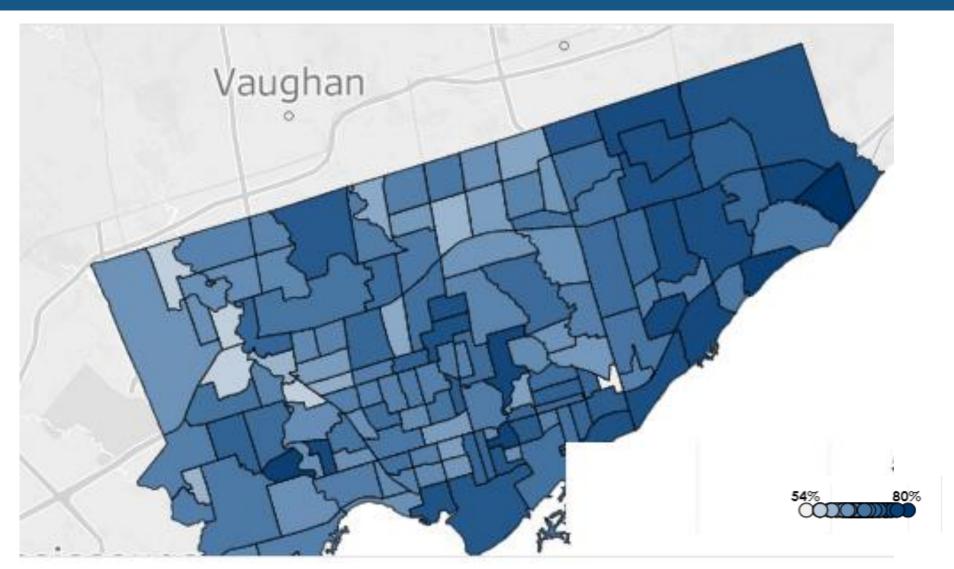


*Excludes LTC/RH residents

Based on episode date, as of April 29, 2021

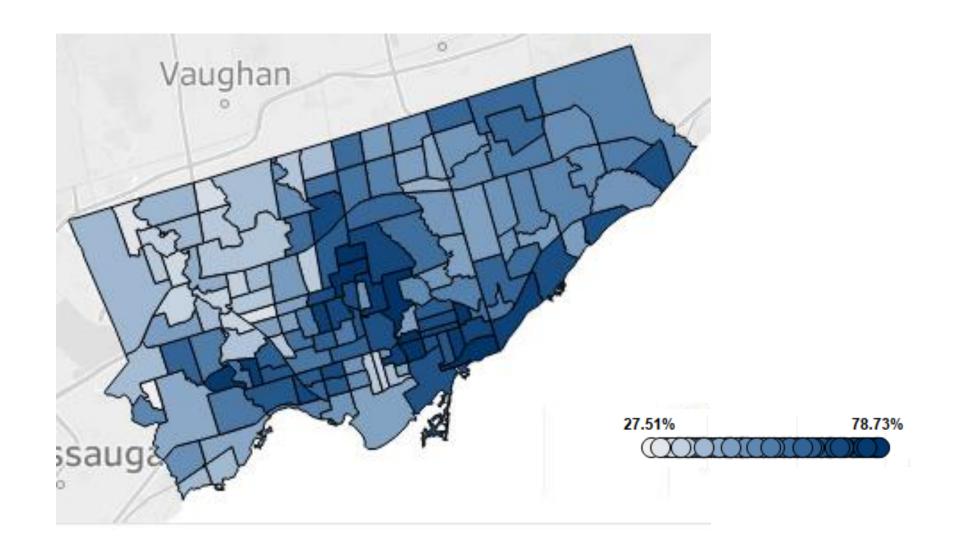
Percent 18+ with at least one dose, as of June 10, 2021





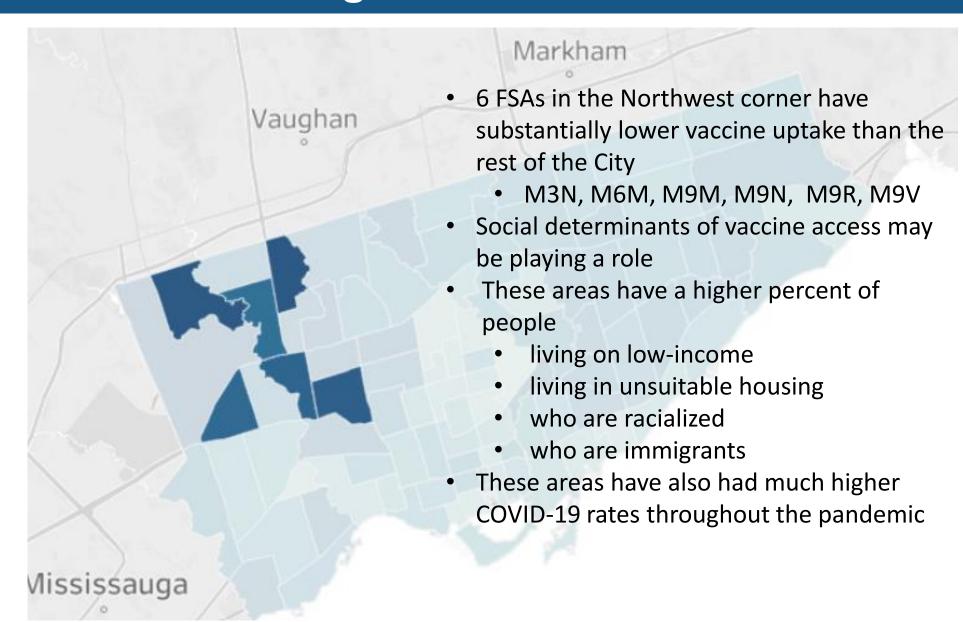
Highest youth vaccination rates are in the centre and east part of the city, as of June 10, 2021





Areas in the northwest still have lower first dose vaccine coverage





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Graduation and End of Year Celebrations





 Ministry of Education Guide to End of School Year Celebrations.



- Our graduation/end of year celebration guidance has been <u>updated</u>.
- Virtual ceremonies continue to be the safest choice.

Updated TPH Guidance for the Retrieval of Personal Property has been posted



- Covid-19 Guidance on the Retrieval of Personal Property
- English PDF
- French PDF
- located on our web here



Updated June 5, 20

COVID-19 Guidance for Schools on the Retrieval of Personal Property

This document provides guidance for schools for the safe retrieval of personal belongings by parents, students and staff while schools remain closed for in-person learning. Strategies can be adapted to meet the needs of different school environments. Read Toronto Public Health's COVID-19 Guidance Elementary and Secondary Schools for further quidance.

The aim and purpose of this document is to assist schools with information related to the Ontario Government's reopening framework as well as Toronto Public Health requirements to reduce the spread of COVID-19. It is important to know that breaches of some of these directions will constitute offences under provincial regulations or other public health legal requirements. While we aim to provide relevant and timely information, no guarantee can be given as to the accuracy or completeness of any information provided. This guidance is not intended to nor does it provide legal advice and should not be relied upon or treated as legal advice. Users seeking legal advice should consult with a qualified legal professional.

Current information about COVID-19 can be found in Toronto Public Health's COVID-19 Fact Sheet.

Maintain a Healthy Environment

Set-up a screening area

- Designate an area outside, near the main entrance, as a screening station.
- Post signs for <u>staff/visitors</u> and <u>students</u> at all entrances instructing individuals not to enter the school if they are sick or answer yes to any of the questions.
- Post signage in visible areas which clearly explains the screening process, and the rules and conditions for entry.
- The screening station must allow a minimum of two metres/six feet distance between staff conducting screening and the individual being screened.
- Alternatively, a protective barrier (e.g. plexiglass) can be installed around the screening station.
- Make hand sanitizer available at the screening area.

Screen staff, students, and parents for COVID-19 symptoms before entering the school

 All school staff, students and parents must complete a COVID-19 symptom screening questionnaire for school staff/visitors and students before entering the school. The questions can be completed on a paper-based questionnaire (asked directly to employees/visitors and answers recorded), or can be completed electronically.

Youth Resource

Youth COVID-19 Vaccine FAQ

- English PDF
- French PDF

 These are posted on our <u>web</u>



June 3, 202

Public Health

Frequently Asked Questions about the COVID-19 Vaccine for Youth (Age 12 to 17)

Why should I get the vaccine?

The vaccine will protect you from getting sick from a COVID-19. While most youth experience mild symptoms from COVID-19, or none at all, some can get very sick and may even need hospital care. The vaccine will also prevent you from spreading the virus to other people, such as your friends and family, and help reduce virus spread within your community.

What happens if I don't get the vaccine?

If you don't get the vaccine, you will be at greater risk of getting sick from COVID-19 and spreading it to other people, such as your friends and family.

Who can get the vaccine?

The Pfizer-BioNTech COVID-19 vaccine has been approved in Canada for youth 12 years of age and older. If you have had your 12th birthday already, you can get the vaccine.

I've already had COVID-19. Do I need to get the vaccine?

Yes. Immunity from having COVID-19 may not protect you for very long. It is possible to get COVID-19 again. It's better to get the vaccine to stay protected.

How does the vaccine work?

The vaccine teaches our immune system how to make antibodies that protect us from the COVID-19 virus. After vaccination, your body will be able to recognize the real virus and be able to make antibodies to fight the infection. The vaccine doesn't contain the virus, so you can't get COVID-19 from the vaccine.

Is the vaccine safe?

Yes. The vaccine has been tested and results showed that the vaccine is safe and effective for youth 12 years of age and older. It's safe for those with a health condition including diabetes, asthma, allergies or a weak immune system. It's also safe for people who are pregnant or breastfeeding.

COVID-19 Vaccine **Resource List for** Youth

- English PDF
- French PDF
- They are posted here and here on our web.





COVID-19 Vaccine Resources for Youth



Health Canada has approved the Pfizer-BioNTech vaccine for youth 12 to 17 years old



Vaccinating youth protects them from getting sick and reduces virus spread within the household



Vaccinations for youth are safe and they work



Vaccinating more people will allow us to get back to normal sooner

See the resources below to learn more about COVID-19 vaccines.

Toronto Public Health Resources

- COVID-19 Vaccines
- COVID-19 Vaccine Resources: Posters and graphics with vaccine-related information, including infographics on COVID-19 vaccination for youth age 12+ and informed consent
- Youth COVID-19 Vaccine Fact Sheet
- Youth COVID-19 Vaccine Frequently Asked Questions
- COVID-19 Mental Health Resources

Other COVID-19 Vaccine Resources

- kidshealthfirst.ca (Children's COVID-19 Vaccine Advisory Table)
- COVID-19 Vaccines for Youth (Ministry of Health)
- COVID-19 Vaccines (SickKids)
- CARD: Comfort, Ask, Relax, Distract When Getting Vaccines (SickKids)
- COVID-19 Vaccine FAO for Youth (Unity Health Toronto)
- Acute Pain and Needle Fear Resources (University of Guelph)

To learn more about COVID-19 or vaccines, visit toronto.ca/COVID19 or call us at 416-338-7600.





toronto.ca/COVID19

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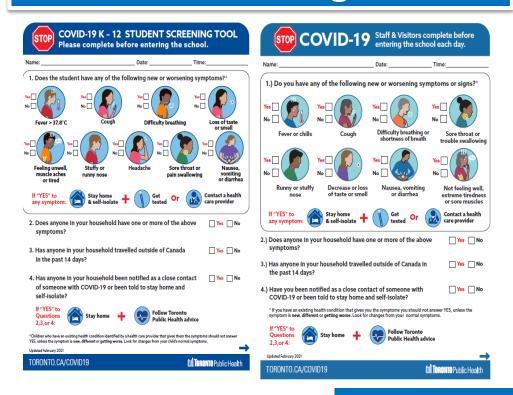


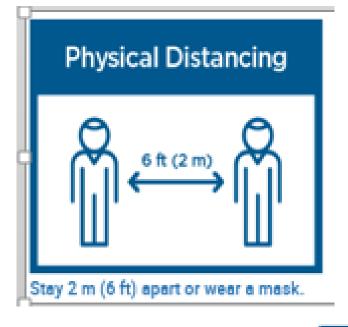
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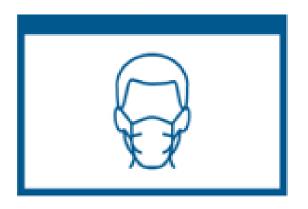
Toronto
Public Health

Public Health Measures in Education Settings

Screening







Student Cohorts

VENTILATION

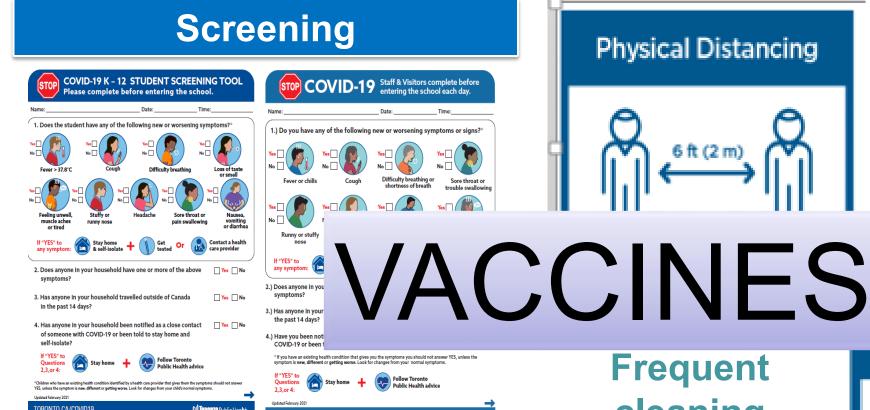
Targeted testing

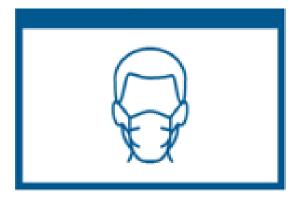
Frequent cleaning and disinfection of surfaces



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Public Health Measures in Education Settings





Student Cohorts

VENTILATION

Targeted testing

cleaning and disinfection of surfaces





Pfizer Vaccine Approved by Health Canada

- The Pfizer clinical trial in the United States had over 2,200 participants.
- Showed 100% efficacy in participants against confirmed COVID-19 illness.
- Antibody/immune response was very strong one month after the second dose and was stronger than the antibody responses in those 16 to 26 years old.
- Participants included representation from diverse groups within the Black, Indigenous, Latin and Asian communities.

https://www.pfizer.com/news/press-release/press-release-detail/pfizer-biontech-announce-positive-topline-results-pivotal



Reports of Myocarditis or Pericarditis

Myocarditis/pericarditis being investigated after COVID-19 vaccination





A small number of cases of myocarditis/ pericarditis (inflammation in the heart) are being investigated



Most occurred in teens & young adult males after the 2nd dose of vaccine



Cases had mild illness, responded well to treatment & symptoms improved quickly



Get medical care if you get chest pain, trouble breathing or irregular heart beat after vaccination



Vaccination is still recommended as the benefits outweigh the risks

toronto.ca/COVID19



More Information: https://health-infobase.canada.ca/covid-19/vaccine-safety/summary.html

Vaccine Side Effects in Youth Similar to Adults

- Most vaccine side effects are mild lasting 1 to 3 days:
 - Pain/discomfort, redness, itching & swelling where the injection was given
 - headache, feeling tired, muscle ache, joint pain
 - mild fever, chills, nausea or vomiting
 - swelling & tenderness in the armpit / enlarged lymph nodes
- Fainting may also occur after receiving a vaccine.
- Stay at the clinic for at least 15 minutes after vaccination so you can be monitored and treated, if needed.



Vaccination and Informed

Does my 12+ child require informed consent to receive their vaccine?





Yes! Every vaccine that is given requires informed consent



Parents/guardians should discuss vaccination plans with their children



If a youth aged 12 to 17 is capable to provide consent, parental consent is not needed



Informed consent includes understanding the vaccine, why it is being recommended, and the benefits and risks

toronto.ca/COVID19

TORONTO Public Health

Ontario's Health Care Consent Act has no minimum age to provide consent for medical treatment(s), including vaccination. (https://www.ontario.ca/laws/statute/96h02)

City clinics https://covid-

19.ontario.ca/book-

vaccine/

Or call: 1-888-999-6488

(TTY 1-866-797-0007)

Hospital clinics

www.vaccineto.ca

Or call: 1-888-385-

1910

Visit https://covid-19.ontario.ca/book-vaccine/ to find a **pharmacy**Or call your local pharmacy / website

Mobile & pop-up clinics

Host organizations will promote clinics directly to the target community







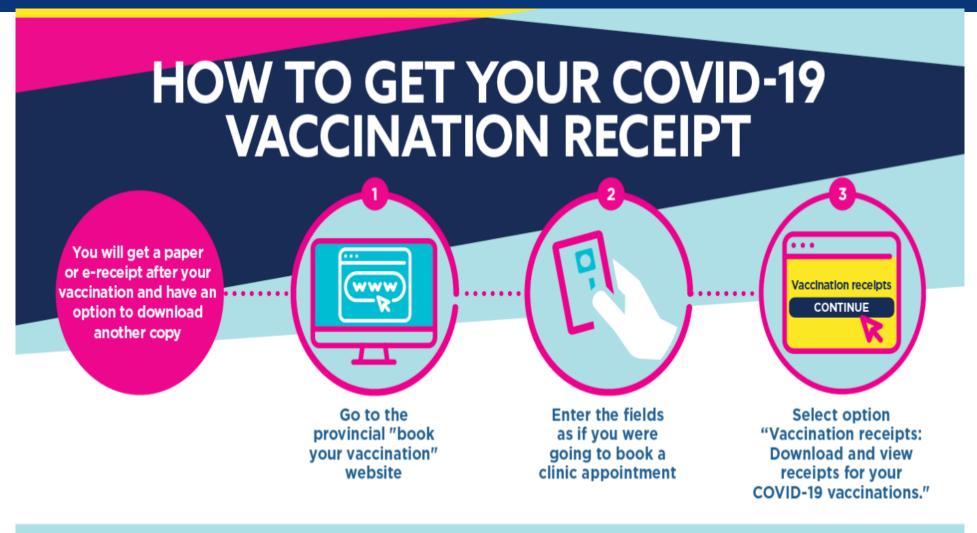


Interactive map available online:

toronto.ca/covid19vaccinemap



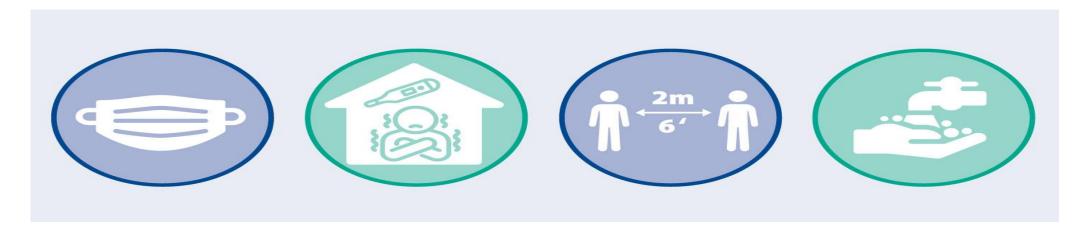
How to get your COVID-19 Vaccination receipt





Public Health Measures Continue For Now

Vaccines are one of many tools we have to fight the COVID-19 pandemic. Public health measures continue until enough people receive their 2nd dose.



- Wear a Mask or Face Covering Where Required
- Stay Home When Sick and Get Tested if You Have COVID-like Symptoms
- Maintain Physical Distance
- Sanitize and Wash Your Hands Regularly

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Mental Health Week









Get ready to #GetReal

CMHA Mental Health Week May 3-9, 2021

Visit mentalhealthweek.ca for info and tools!



TPH Mental Health Resource Page

Mental Health Resources

Go to our: Mental Health Resources Webpage.



Download information about mental health support during COVID-19 as a PDF 🖮 (also available in Amharic 🖮 | Arabic 🖮 | Bengali 🖻 | Farsi 🖻 | Gujarati 🖻 | French 🖻 | Pashto 🖻 | Portuguese 🖻 | Punjabi 🖻 | Simplified Chinese 🖻 | Somali 🖻 | Spanish 👼 | Tamil 👼 | Urdu 👼 | Vietnamese 👼) or watch an American Sign Language (ASL) translation 🖰



Mental Health Resources to Support Students



https://smho-smso.ca/

Please also check with your school board and associated mental health leads for your school board for more information and resources.



Take Time for Self Care

Take time for Self Care

Taking care of yourself is an act of kindness-not only for yourself but for all those who depend on you.



Coping with stress during the 2019-nCoV outbreak



It is normal to feel sad, stressed, confused, scared or angry during a crisis.

Talking to people you trust can help. Contact your friends and family.

If you must stay at home, maintain a healthy lifestyle including proper diet, sleep, exercise and social contacts with loved ones at home and by email and phone with other family and friends.





Don't use smoking, alcohol or other drugs to deal with your emotions.

If you feel overwhelmed, talk to a health worker or counsellor. Have a plan, where to go to and how to seek help for physical and mental health needs if required.

Get the facts. Gather information that will help you accurately determine your risk so that you can take reasonable precautions. Find a credible source you can trust such as WHO website or, a local or state public health agency.

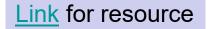




Limit worry and agitation by lessening the time you and your family spend watching or listening to media coverage that you perceive as upsetting.

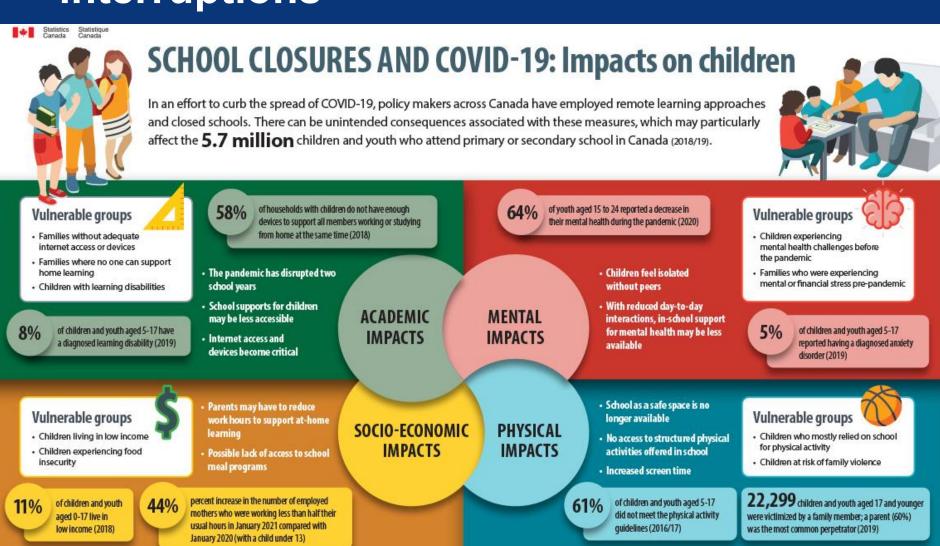
Draw on skills you have used in the past that have helped you to manage previous life's adversities and use those skills to help you manage your emotions during the challenging time of this outbreak.







Goal for 2021-22 school year – no school interruptions





Equity and diversity:

Some populations or groups may be overrepresented among the most vulnerable



Questions? Want More Information?

Call Toronto Public Health 416-338-7600

8:30 am to 8:00 pm / 7 days a week

Text the word VACCINE to 1-833-750-0888 to be connected with resources including appointment bookings & information on vaccines

Visit toronto.ca/covid19