

COVID-19 Briefing Webinar

Webinar 2 in the COVID-19 Briefing Series
August 19, 2020

Dr. Rebecca Shalansky, MD CCFP

Family Physician and Public Health & Preventive Medicine Resident, York Region

Dr. Fareen Karachiwalla, MD MPH CCFP FRCPC

Associate Medical Officer of Health, York Region



THIS MEETING WILL BE RECORDED

Please note this meeting will be recorded.

- During this meeting, you will have the opportunity to contribute or ask questions
- Questions will be gathered and sorted to avoid duplication and ensure the best response
- Although your name will not appear on the screen to attendees, producers and presenters may have access to that information
- If you have questions about the recording of this webinar, please contact HEOCLiaison@york.ca

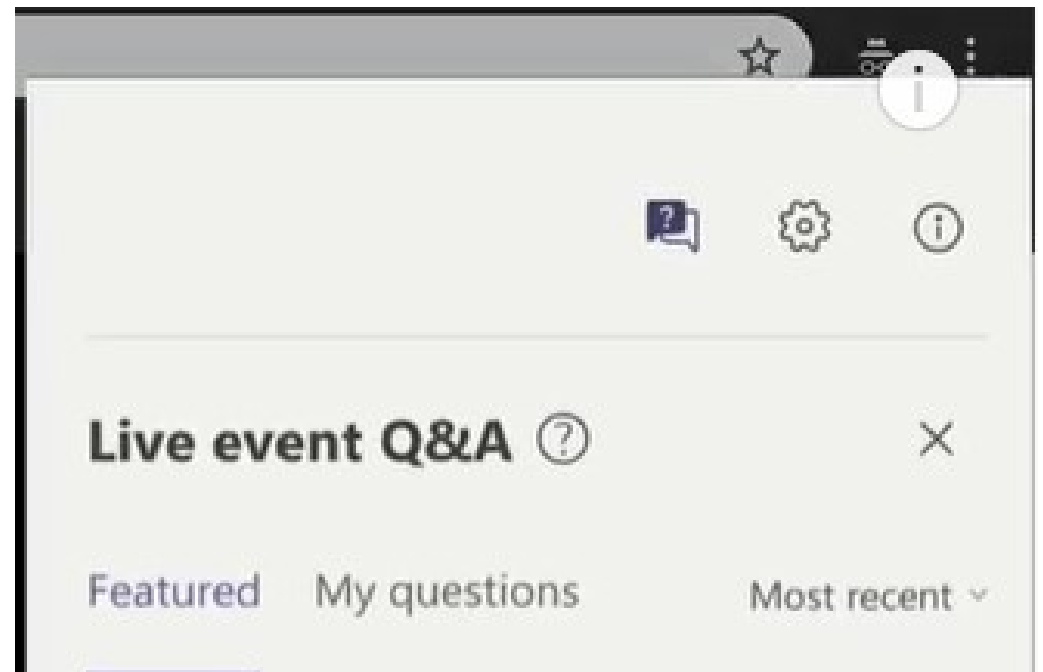
DO YOU HAVE A QUESTION?

To ask a question:

Select **Q&A** on the right side of the screen.

Type your question in the compose box, and then select **Send**.

Questions will be screened by the moderator and posed to the presenters.



YORK.CA/HEALTHPROFESSIONALS

- CANCER
- COVID-19
- DENTAL
- ENVIRONMENTAL HEALTH
- FOOD SAFETY
- HEALTH AT WORK
- HEALTH INFORMATION LINE
- HEALTH PROFESSIONALS
- Announcements and Resources
- Cannabis
- Child Growth and Development
- COVID-19 Information for Health Professionals
- Early Years Support Services Registry
- Ebola Virus Disease for Health Professionals
- E-Newsletter for Health Care Professionals
- Health Statistics and Reports
- Infectious Diseases and Outbreak Management
- Information for Dental and Healthcare Providers
- Mental Health and Wellbeing
- Opioids
- Quitting Smoking
- Tuberculosis
- Vaccination Information for Healthcare Professionals



Announcements and Resources

York Region provides important public health updates and offers events and resources, like the Public Health Matters newsletter, to support health care providers



COVID-19 Information for Health Professionals

York Region Public Health continues to provide support for health professionals related to COVID-19 (formerly referred to as novel coronavirus or 2019-nCoV)



Cannabis

Cannabis, also known as marijuana, weed or pot, can be consumed for medical and non-medical purposes. Find out more about legalization and the health effects of cannabis use in adults and youth.



Child Growth and Development

Find tools and resources for parents to help children grow and develop. When parents know what to expect at each stage of development, it can be easier to meet their child's needs and understand their behaviour.



E-Newsletter for Health Care Professionals

Sign up to receive the quarterly Public Health Matters E-Newsletter for health care professionals.



Early Years Support Services Registry

This is a resource for health, early learning and child care professionals in York Region who wish to refer a young child or their family for support services. It provides information about programs and services available including details regarding eligibility and

NEWSROOM

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Campaigns & Projects



Radon: Test Your Home

You can't see, taste or smell radon but it is the second leading cause of lung cancer. Learn more about radon and the York Region study.

[More Campaigns & Projects >>](#)

Contact Us

Health Connection

EMAIL

WELCOME & INTRODUCTIONS

1. Where do you practice in York Region (e.g., Aurora, East Gwillimbury, Georgina, King, Markham, Newmarket, Richmond Hill, Vaughan, Whitchurch-Stouffville)?
2. What type of physician or health care provider are you (e.g., physician – primary care, physician – specialty, allied health, dentistry, other)?
3. Are you a returning or new participant?

CONTENT

1. What are the numbers in York Region?
2. What is new from the province
3. Seroprevalence in Ontario
4. School re-opening
5. COVID-19 vaccine and influenza planning

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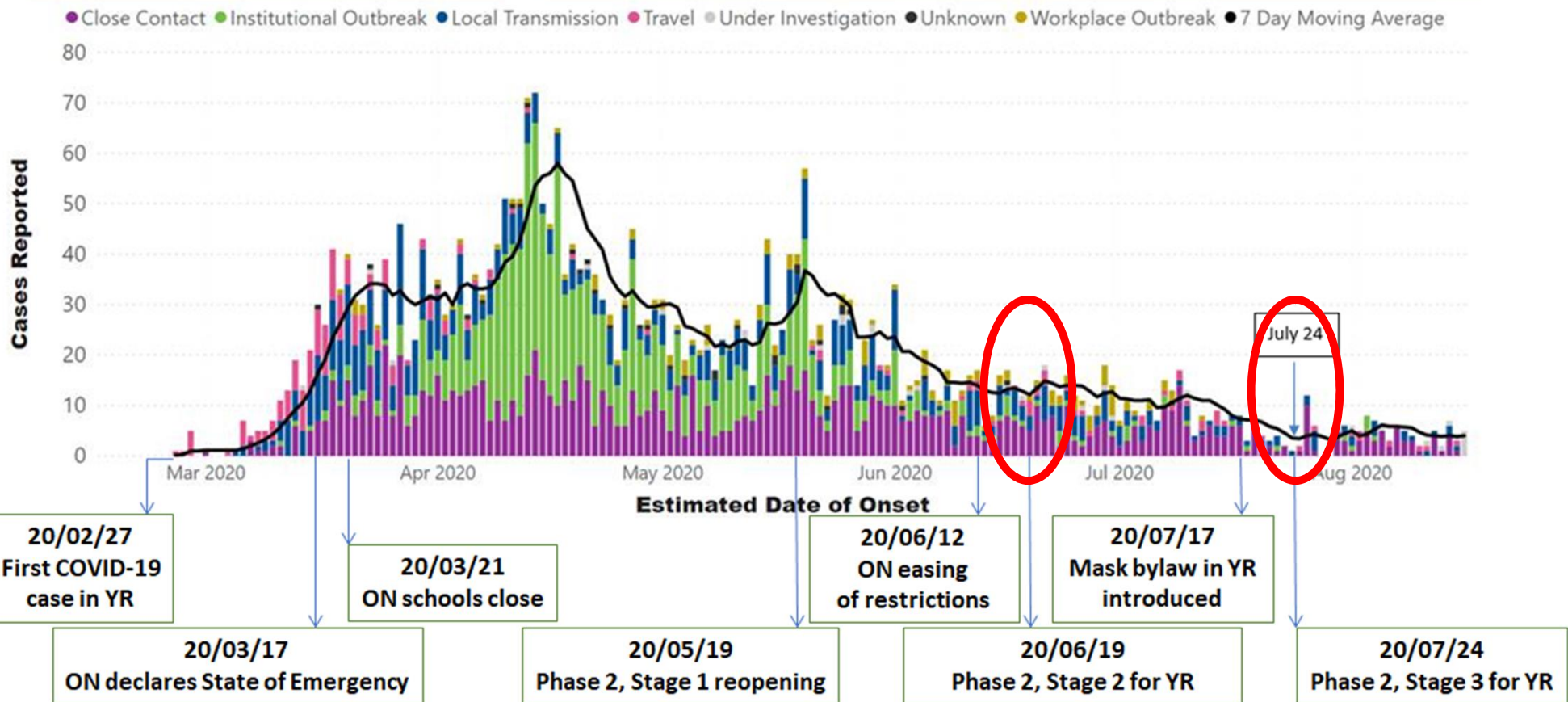
WHAT ARE THE NUMBERS IN YORK REGION?

EPIDEMIOLOGY OF COVID-19 in YORK REGION



Epidemic Curve of Confirmed COVID-19 Cases in York Region

As of 5:00pm
August 16, 2020



RECOVERY MEASURES AS OF AUGUST 18TH

| Recovery Measures | |
|---|---------------------|
| 7-day average of daily new cases in the community | 4 |
| Rate per 100 000 population over the past 7 days (Aug 9-15th) | 2 cases per 100 000 |
| Estimated R0 (median reproductive #) | 1.12 |
| Percent positivity of covid-19 tests | 0.4% |

Data from [York.ca/covid19data](https://york.ca/covid19data); as of 5:00pm Aug. 18, 2020

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WHAT IS NEW FROM THE PROVINCE?

COVID ALERT APP



How it works:

- Available today for download
- Privacy protected: Uses Bluetooth to exchange random codes with nearby phones
- Exposure: Closer than 2m for 15mins
- When someone tests positive they chose whether want to share status with app

If someone gets exposure notification:

- App will provide latest PH advice
- In general
 - Get tested
 - Self-isolate while waiting for result

Specific to healthcare providers: may want to disable notifications while at workplace

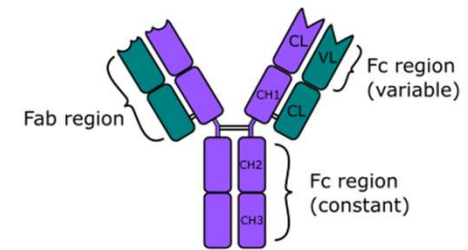
Encourage your patients to download app - works better with more people

For more information visit covid-19.ontario.ca/covidalert

UPDATED PROVINCIAL TESTING GUIDANCE

- Last update: August 14, 2020
- Language around testing asymptomatic contacts has shifted
 - “Consider” testing in this group
 - More info is specified with respect to timing of testing
- Includes information around serology testing
 - Very specific clinical indications for testing
 - Patients with symptoms of MIS-C who do not have PCR COVID-19 lab confirmation
 - People with severe illness who tested negative for PCR where serology can help with clinical management or PH action
 - Not to be used to determine immunity
 - Requires approval and consultation by testing laboratory
- New guidance can be found [here](#)

SEROLOGY TESTING



| | Molecular (PCR) | Serology |
|--|--|--|
| What question does it answer? | Do I currently have COVID-19? (current disease) | Have I had COVID-19? (past exposure) |
| How does a sample get collected? | Nose and/or throat swab | Blood (serum) sample |
| What is being detected in the test? | The COVID-19 virus | An individual's antibodies to the COVID-19 antigen |
| When to use | Diagnostic purposes only | Specific clinical indications Serosurveillance |

SEROLOGY DOCUMENTATION AND GUIDANCE

Public Health Ontario

- Serology Test Requisition
 - <https://www.publichealthontario.ca/-/media/documents/lab/covid-19-serology-test-requisition.pdf?la=en>

Ministry of Health

*Documents recently updated to include serology component

- Appendix 8: Cases with Positive COVID-19 Serology Results and Management of Cases with Multisystem Inflammatory Syndrome in Children (MIS-C) Temporally Associated with COVID-19
 - http://www.health.gov.on.ca/en/pro/programs/publichealth/coronavirus/docs/contact_mngmt/app_8_serology_results.pdf
- Case Definition
 - http://www.health.gov.on.ca/en/pro/programs/publichealth/coronavirus/docs/2019_case_definition.pdf
- COVID-19 Provincial Testing Guidance
 - http://www.health.gov.on.ca/en/pro/programs/publichealth/coronavirus/docs/2019_covid_testing_guidance.pdf

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SEROPREVALENCE IN ONTARIO

SEROSURVEILLANCE

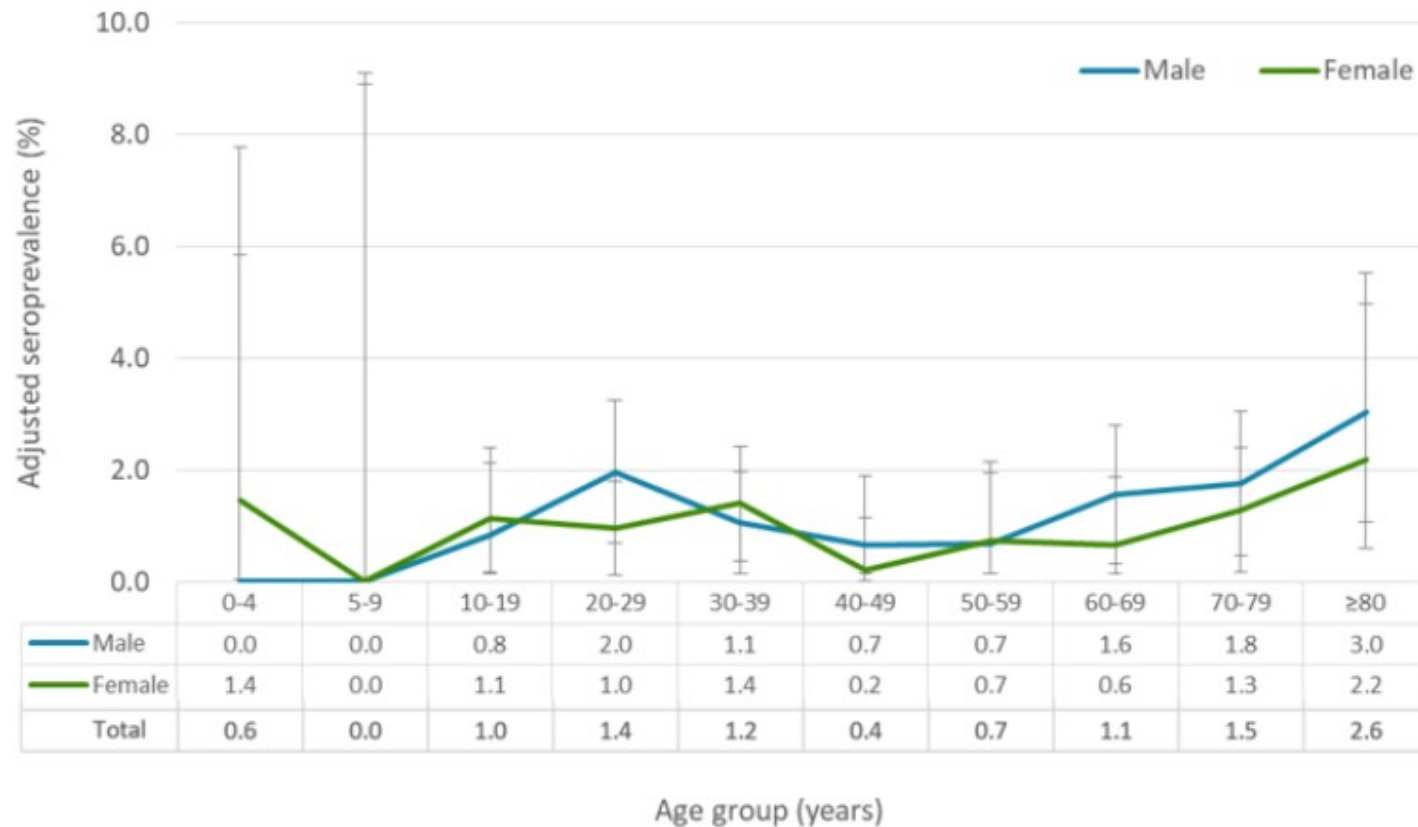
- Serology testing at a population level can be useful to estimate burden of disease in a population at various points of time.
- Public Health Ontario completed three COVID-19 serosurveys with objectives to:
 - Estimate what proportion of the Ontario population has been exposed,
 - Understand which groups have been infected (by age or geography),
 - Provide data to measure the effectiveness of the pandemic response, and
 - Help determine priority groups and the effectiveness of vaccination programs once a vaccine is available.

SEROPREVALENCE IN ONTARIO

- Using the largest sample size of the three serosurveys, which included approximately 7000 samples gathered through convenience sampling from the PHO laboratory, the following seroprevalence data was collected for Ontario:
 - Overall, 79/7,014 (1.1%) specimens were positive for COVID-19 antibodies
 - After adjusting for population weighting and test characteristics, overall seroprevalence was **1.1%** (95% CI 0.8%, 1.3%) with variation by age and sex

ADJUSTED COVID-19 SEROPREVALENCE BY AGE GROUP & SEX

June 5 – 30, 2020

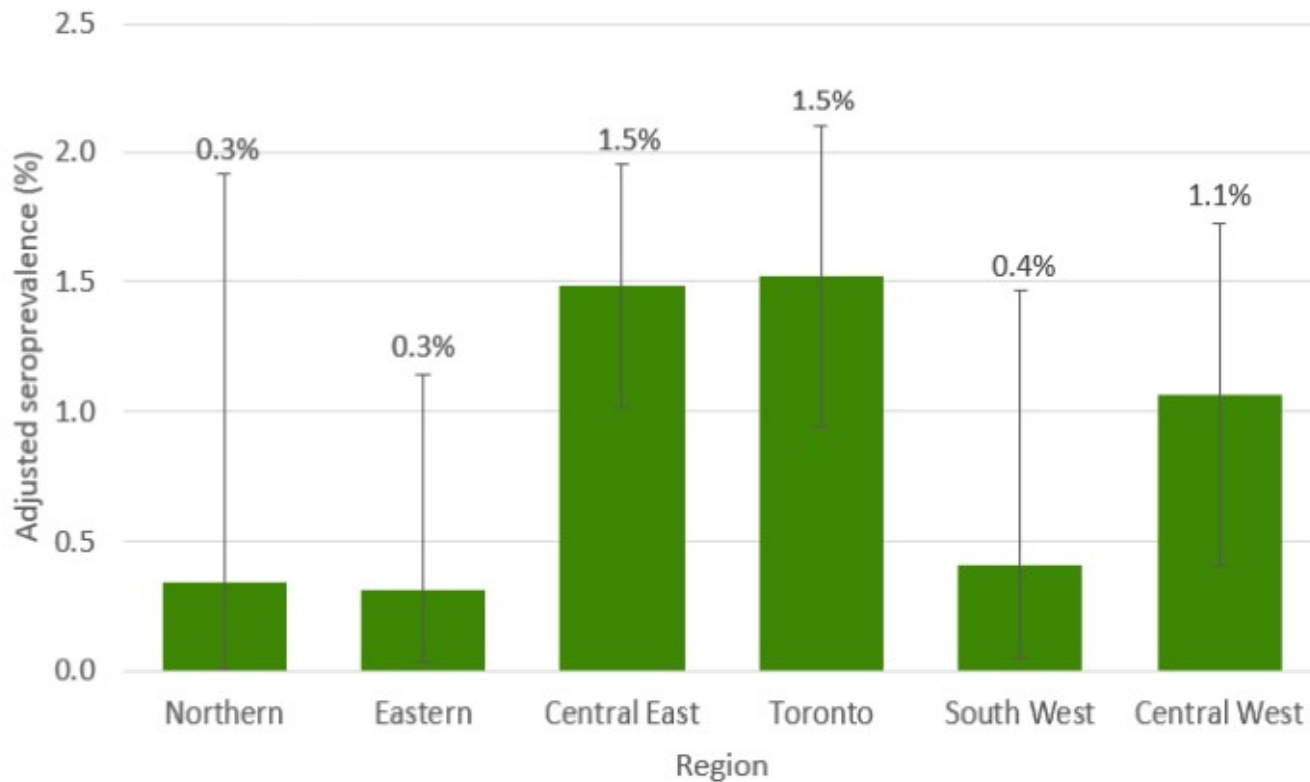


Note: Adjusted seroprevalence was calculated as the number of positive specimens divided by the total number of specimens tested during that time period, multiplied by 100, and adjusted for population weighting and test characteristics. Error bars represent the 95% CI.

Source: Ontario Agency for Health Protection and Promotion (Public Health Ontario). Weekly Epidemiologic summary: COVID-19 in Ontario – January 12, 2020 to May 30, 2020. Toronto, ON: Queen’s Printer for Ontario; 2020.

ADJUSTED COVID-19 SEROPREVALENCE BY ONTARIO REGION

June 5, 2020 to June 30, 2020



Note: Health region was determined using the individual's health region of residence, or the submitter's health region when this information was missing. Adjusted seroprevalence was calculated as the number of positive specimens divided by the total number of specimens tested during that time period, multiplied by 100, and adjusted for population weighting and test characteristics. Error bars represent the 95% CI.

Source: Ontario Agency for Health Protection and Promotion (Public Health Ontario). Weekly Epidemiologic summary: COVID-19 in Ontario – January 12, 2020 to May 30, 2020. Toronto, ON: Queen's Printer for Ontario; 2020.

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SCHOOL RE-OPENING

SCHOOL RE-OPENING: Current Ministry of Education Plan

July 30, 2020

General Structure:

- Voluntary in person attendance
- Elementary (K-8):
 - In person 5 days per week
 - One cohort for full day
- Secondary (9-12):
 - In person 50% of instructional days
 - Class cohorts of ~15

SCHOOL RE-OPENING: Current Ministry of Education Plan

July 30, 2020

Safety Measures:

- Self-screening
 - Daily for staff and students
- Masking
 - Teachers: Required. Medical masks and face shields provided
 - Mandatory: 4-12
 - Encouraged: K-4
 - Not required during outdoor time
- Distancing: As much as possible
- Enhanced cleaning
- Public health nurses

SCHOOL RE-OPENING: York Region PH's Role

- Guidance comes from Ministry of Education
- YRPH supports schoolboards in implementing the guidance as safely as possible including:
 - School public health nurses
 - Infection prevention and control measures
 - Cohorting
 - Screening
 - Physical distancing
 - Mask wearing
- Longstanding partnerships with schoolboards

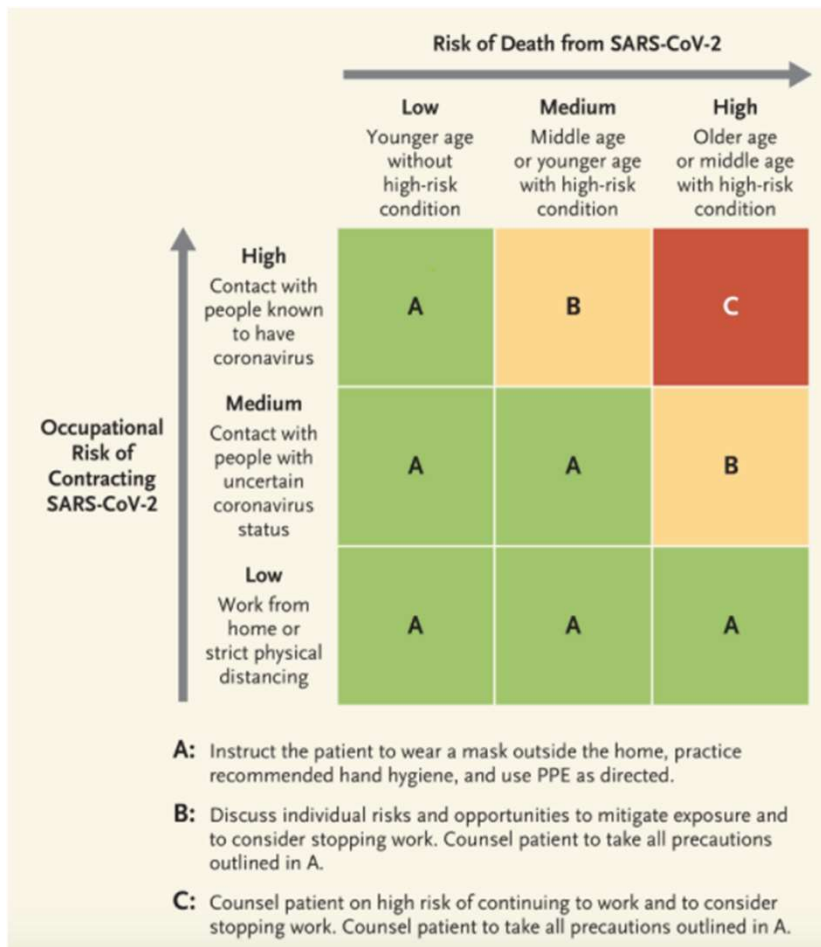
SCHOOL RE-OPENING: School Case Management

- Waiting for official guidance from Ministry of Education
- York Region PH (YRPH) will be working closely with schoolboards to support and guide them
- If child has COVID-19 sx
 - Get tested. Self-isolate.
- COVID-19 case at the school
 - YRPH involved right away
 - Conduct contact tracing
 - Advise on: testing, self-isolation, IPAC, safe return to school
 - Involved in daily communication
 - Monitor school until no new cases x14d

SCHOOL RE-OPENING: Discussion Points for Families

- Ultimately up to parent/student
- Safety
 - Local community transmission low
 - Subject to change
 - Risk never zero
- Many benefits
 - Social
 - Developmental
 - Mental
- High risk:
 - No specific list of "high risk" health conditions
 - Medically vulnerable child
 - Medically vulnerable household member

SCHOOL RE-OPENING: Discussion points for in-person



US CDC high-risk conditions

- Cancer
- CKD
- Immunocompromised state from solid organ transplant
- Obesity (BMI >30)
- Serious heart conditions (HF, CAD, cardiomyopathis)
- Sickle cell disease
- DM2

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COVID-19 VACCINE AND INFLUENZA PLANNING

WHAT'S HAPPENING WITH FLU AND GRADE 7 CATCH UP

- Awaiting more information/direction from Ministry of Health before decisions on Grade 7 vaccines and back to school (likely will plan for some catch up clinics) but more information to come
- Flu:
 - Demand will be high – aligning with supply?
 - High vaccine coverage rates will be the goal
 - Pharmacies will have an important role to play
 - Won't all be on community providers

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SOME IMPORTANT RESOURCES

LINKS TO BOOKMARK

- **York Region's webpage**

- york.ca/healthprofessionals → is a health care provider specific page
- york.ca/covid19data → our York Region data dashboard

- **Public Health Ontario's COVID-19 page**

- <https://www.publichealthontario.ca/en/diseases-and-conditions/infectious-diseases/respiratory-diseases/novel-coronavirus> → evidence briefs, synopsis of key articles, etc.

- **Ministry of Health's webpage for health care providers, specifically**

- http://www.health.gov.on.ca/en/pro/programs/publichealth/coronavirus/2019_guidance.aspx#symptoms

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YOUR FEEDBACK IS REQUESTED

REMINDER: HEALTH CARE PROVIDER PHONE & WEB RESOURCES

- If you have any questions, call the dedicated health professional COVID-19 line at 1-877-464-9675 ext. 77280 (8:30 a.m. - 6:00 p.m., seven days a week)
- After hours call 905-953-6478
- Visit:
 - [York.ca/healthprofessionals](https://york.ca/healthprofessionals)
 - [York.ca/covid19](https://york.ca/covid19)
 - [Ontario.ca/covid19](https://ontario.ca/covid19)

QUESTIONS FOR THE AUDIENCE TO INFORM OUR ENGAGEMENT

1. On a scale of 1/10 how useful was this webinar to you (e.g. provided good information, learnt something new)?
2. Would you attend our next COVID-19 Briefing Webinar (Sept.)?
3. What would you like covered (any topics/questions we missed)?

Please share any other feedback: HEOCLiaison@york.ca

THANK YOU

Remember to sign up to [Public Health Matters](#) for:

- Today's slides
- Follow up FAQs and
- Future webinar information

