



**COVID-19 Healthcare Provider Briefing**  
Middlesex and London Region  
May 31, 2022

# Welcome

Presenter:

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# Surveillance Report

As of May 30<sup>th</sup>:

- Worldwide:
  - Over 526 million COVID-19 cases and over 6.28 million deaths have been reported
  - Over 11.8 billion vaccine doses administered worldwide
- In Ontario:
  - 1.30 million cases of this illness confirmed, including 13,226 deaths
- Locally:

38,162

Total number of confirmed cases

15

New cases since previous day

0

New deaths since previous day

391

Total deaths

363

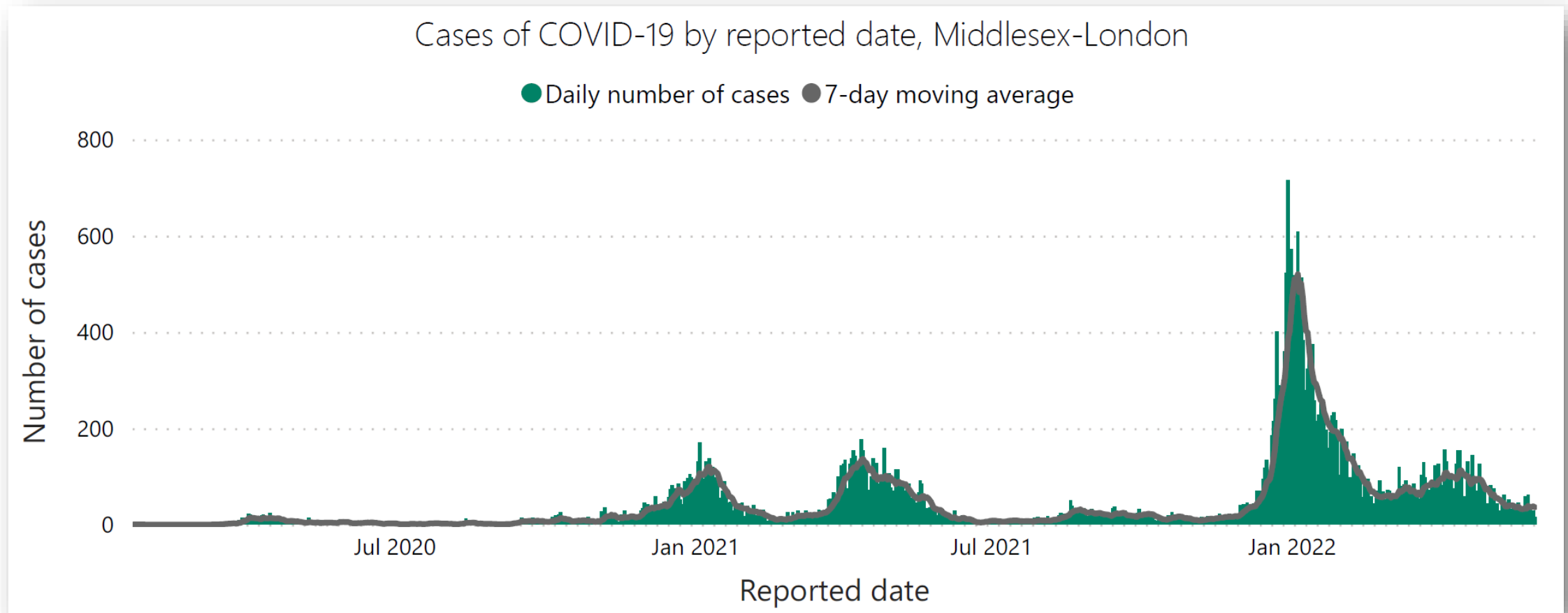
Total active cases

37,408

Total resolved cases

**Data source:** Ontario Ministry of Health (Ministry) *Public Health Case and Contact Management Solution (CCM)*, extracted 2022-05-31. Data current as of the end of day 2022-05-30.

# Cases by Reported Date



**Data source:** Ontario Ministry of Health (Ministry) *Public Health Case and Contact Management Solution (CCM)*, extracted 2022-05-31. Data current as of the end of day 2022-05-30.

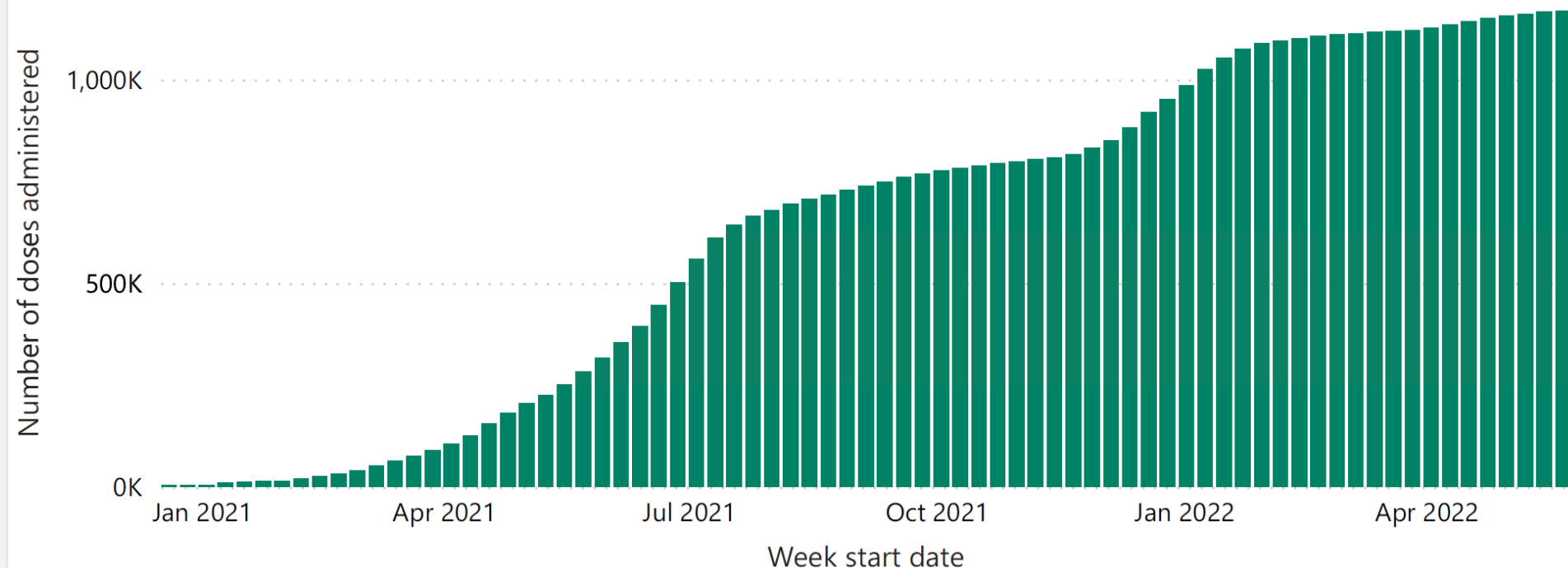
# COVID-19 Vaccine Update

Total doses administered in the Middlesex-London region

1,169,233

As of end of day May 28, 2022

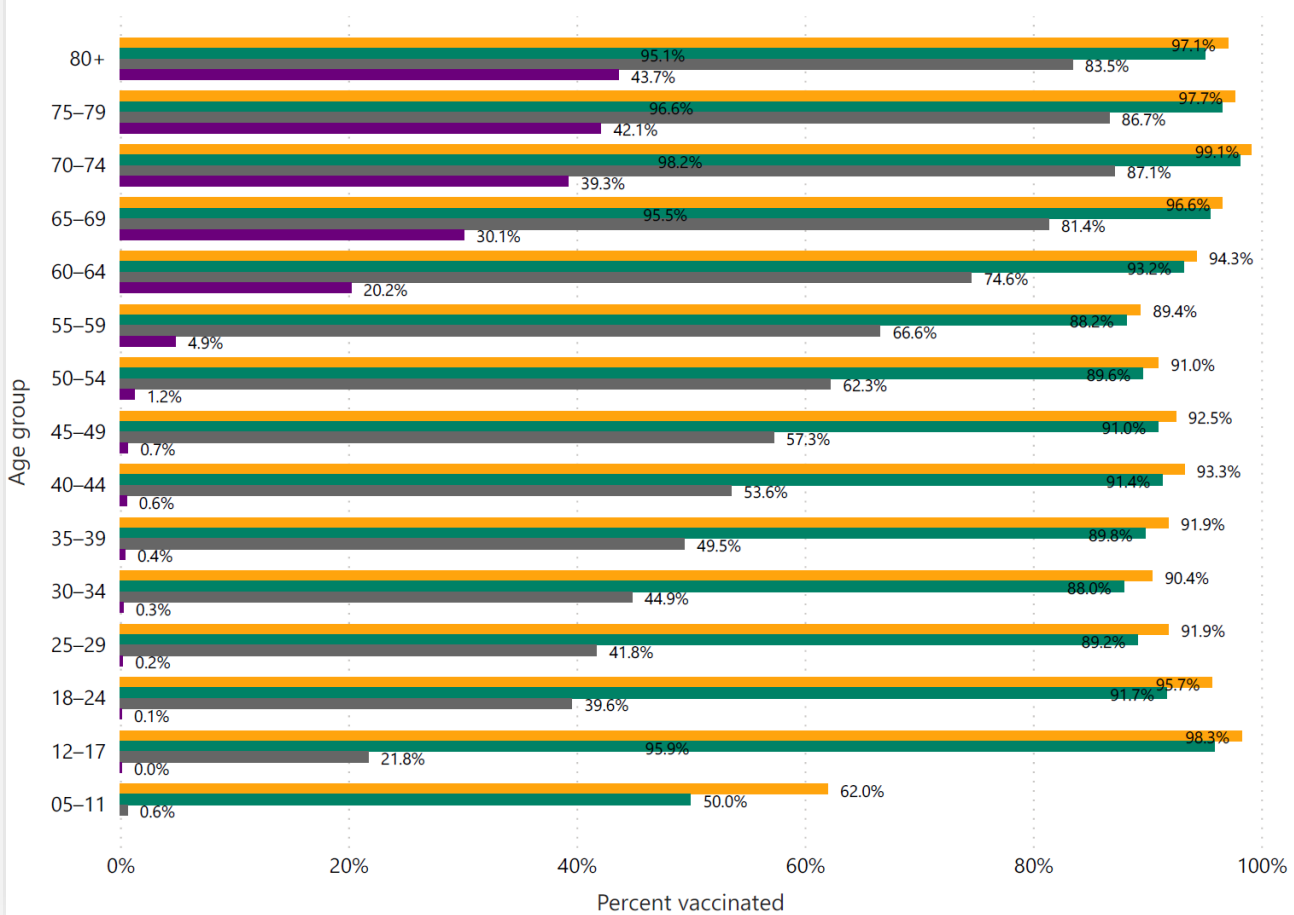
Cumulative doses administered in the MLHU region by week



# COVID-19 Vaccine Coverage by age group

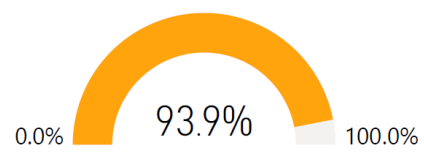
Percent of MLHU residents vaccinated by age group

● At least one dose ● Complete primary series ● Dose 3 ● Dose 4

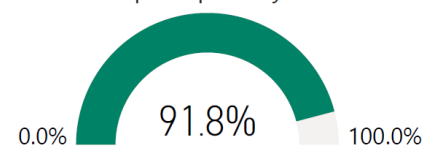


Overall status as of end of day May 28, 2022

MLHU population age 12 and older who have received at least 1 dose



MLHU population age 12 and older who have a complete primary series



Data source: Ontario Ministry of Health (Ministry) Public Health Case and Contact Management Solution (CCM), extracted 2022-05-31. Data current as of the end of day 2022-05-30.

# Monkeypox update

- Public health agencies around the globe are reporting emerging cases of monkeypox
  - Confirmed and probable cases have been identified amongst gay, bisexual and other men who have sex with men (gbMSM)
- Viral illness endemic to parts of Central and West Africa, spread to people through direct contact with the bodily fluids or lesions of infected animals or people, as well as via respiratory droplets from an infected person, or from mother to fetus.
- Incubation period for monkeypox is usually between six and 13 days (can range from five to 21 days).
- A person is infectious primarily from the onset of the lesions until their lesions have crusted, although there may be some transmission during the prodromal phase.

## Monkeypox update continued

- There are two strains: the Central African clade (typically more severe in human infections) & the West African clade.
- There is no specific treatment; antivirals developed for use against smallpox and post-exposure vaccination with the smallpox vaccine may help.
  - Prior vaccination against smallpox provides cross-protection



# Monkeypox Rash

- Progressively developing rash that usually starts on the face and then spreads elsewhere on the body.
- Rash can affect the mucous membranes in the mouth, tongue, and genitalia, as well as the hands and soles of the feet.
- Rash can last for 2-4 weeks.
- Stages of the rash
  - Macules → Papules → Vesicles → Pustules → Scabs
- Recent reports of atypical rash including painful genital/oral lesions.

## Other monkeypox symptoms

- Fever
- Lymphadenopathy
- Chills and/or sweats
- Headache
- Back pain/ache
- Sore throat and/or cough
- Coryza
- Malaise

# Case Definitions - Confirmed

## Confirmed Case

- Laboratory confirmation of infection:
- Detection of monkeypox virus DNA by polymerase chain reaction (PCR) from an appropriate clinical specimen, **OR**
- Isolation of monkeypox virus in culture from an appropriate clinical specimen

# Case Definitions - Probable

## Probable Case

- A new onset rash in keeping with monkeypox illness<sup>1</sup>, **AND**
- At least one (1) other acute sign or symptom of monkeypox illness<sup>2</sup>, **AND**
- Meets at least one (1) of the following epidemiological criteria within 21 days of their symptom onset:
  - High-risk exposure<sup>3</sup> to a probable or confirmed human case of monkeypox, **OR**
  - A history of travel to a region that has reported confirmed cases of monkeypox, **OR**
  - A relevant zoonotic exposure

# Case Definitions - Suspect

## Suspect Case

- A new onset rash in keeping with monkeypox illness <sup>1</sup> **AND**
- At least one (1) other acute sign or symptom of monkeypox illness <sup>2</sup>, **AND**
- An alternative diagnosis cannot fully explain the illness.

## High-risk exposure

- Living in the same household
- Direct physical contact, including sexual contact
- Direct contact with a skin lesion or bodily fluid without appropriate personal protective equipment

## Transmission of monkeypox

- Historically, there has been limited person-to-person transmission.
- Primary mode of transmission has been through respiratory secretions and direct contact with skin lesions or a patient's item that may have been contaminated.
- Potential for airborne has been suggested due to similarities with variola virus.

## Community IPAC for monkeypox

- Airborne/Droplet/Contact precautions are to be used.
- If possible, use an airborne isolation room with negative pressure ventilation. If not available, patient can be placed in a single room with the door closed.



## Post-exposure prophylaxis

- Imvamune is a live-attenuated smallpox vaccine.
- Vaccination after monkeypox exposure *may* lessen disease severity in those exposed.
- Imvamune is available for adults 18 years of age and over, who meet the definition of a high risk contact of a confirmed or probable case of monkeypox, following assessment with the local public health unit.

# PEP for monkeypox

**Table 1. Recommendations for Post-exposure Prophylaxis (PEP) according to risk of infection**

Risk of exposure <sup>1</sup>	PEP
High	Recommended
Intermediate	May be recommended based on the public health unit's assessment of risks and benefits
Low	Not recommended
No/very low	Not recommended

<sup>1</sup> [Monkeypox Virus: Interim Case and Contact Management Guidance for Local Public Health Units](#)

## PEP for monkeypox

- Single 0.5 mL dose administered within 4 days of exposure, up to a maximum of 14 days after exposure.
- Administered subcutaneously.

## Action for healthcare providers

- Be vigilant and consider monkeypox in differential diagnosis of patients presenting with unusual rash, plus other clinical signs consistent with monkeypox (e.g. fever, headache, and/or lymphadenopathy).
- CMOH Order under **Section 77.6** of the *Health Protection and Promotion Act* states that suspect/probable cases are reported within 1 day via the *Ontario Monkeypox Investigation Tool* (Appendix B)
  - To be faxed to Public Health Ontario **(647-260-7603)**
  - Please call MLHU for support.

# Ontario Monkeypox Investigation Tool

<div> <div>Public Health Ontario</div> <div>Santé publique Ontario</div> </div> <div>Ontario Monkeypox Investigation Tool</div>	
<div> <div>Legend</div> <div> <div>for interview with case</div> <div>♦ System-Mandatory</div> <div>◆ Required</div> <div>⊘ Personal Health information</div> </div> </div>	
<div>*** Note to clinician: Please complete relevant information on <a href="#">pages 1-4</a> before sending to PHO. The responsible public health unit will be responsible for completing the remaining sections***</div>	
<div>Cover Sheet</div>	
<div> <div>⊘ ♦ Client Name: <input type="text" value="Enter name"/></div> <div>Alias: <input type="text" value="Enter alias"/></div> <div>⊘ ♦ Gender: <input type="text" value="Select an option"/></div> <div>⊘ ♦ DOB: <input type="text" value="YYYY-MM-DD"/></div> <div>⊘ Address: <input type="text" value="Enter address"/></div> <div><input type="text" value="Enter address"/></div> <div>⊘ Tel. 1: <input type="text" value="###-###-####"/></div> <div>Type: <input type="checkbox"/> Home <input type="checkbox"/> Mobile <input type="checkbox"/> Work <input type="checkbox"/> <a href="#">Other, specify</a></div> <div>⊘ Tel. 2: <input type="text" value="###-###-####"/></div> <div>Type: <input type="checkbox"/> Home <input type="checkbox"/> Mobile <input type="checkbox"/> Work <input type="checkbox"/> <a href="#">Other, specify</a></div> <div>⊘ Email 1: <input type="text" value="Enter email address"/></div> <div>⊘ Email 2: <input type="text" value="Enter email address"/></div> </div>	
<div>Is the client homeless? <input type="checkbox"/> Yes <input type="checkbox"/> No</div> <div>⊘ New Address: <input type="text" value="Enter address"/></div> <div>♦ Language: <input type="text" value="Specify"/></div> <div>Translation required? <input type="checkbox"/> Yes <input type="checkbox"/> No</div> <div>Proxy respondent</div> <div>⊘ Name: <input type="text" value="Enter name"/></div> <div><input type="checkbox"/> Parent/Guardian <input type="checkbox"/> Spouse/Partner</div> <div><input type="checkbox"/> Other <input type="text" value="Specify"/></div>	<div>♦ Physician's Name: <input type="text" value="Enter name"/></div> <div>♦ Role: <input type="checkbox"/> Attending Physician <input type="checkbox"/> Family Physician</div> <div><input type="checkbox"/> Specialist <input type="checkbox"/> Walk-In Physician</div> <div><input type="checkbox"/> Other <input type="checkbox"/> Unknown</div> <div>OPTIONAL</div> <div>Additional Physician's Name: <input type="text" value="Enter name"/></div> <div>Address: <input type="text" value="Enter address"/></div> <div>Tel: <input type="text" value="###-###-####"/> Fax: <input type="text" value="###-###-####"/></div> <div>Role: <input type="text" value="Enter role"/></div>

Appendix B-  
 Investigation Tool to be  
 faxed to PHO: **647-  
 260-7603** (Pg. 6)

# Thank you for your feedback on the HCP Communications Survey!

- Thank you to all who participated in the HCP Communications Survey!
- We have learned so much from your valuable feedback and we look forward to continuing to connect and provide support for you all!



## Reminder: Next eNewsletter & Webinar will be Monday June 13th

- Due to scheduling conflicts, the next HCP eNewsletter and webinar will be on **Monday, June 13<sup>th</sup>**

NOTICE



# Questions?

- Ask using chat function now, or after the webinar at:  
[healthcareproviders@mlhu.on.ca](mailto:healthcareproviders@mlhu.on.ca)
- For urgent matters please call the Health Unit's  
main line at 519-663-5317
- For more information  
[www.healthunit.com/healthcare-providers](http://www.healthunit.com/healthcare-providers)

