

An Update on COVID-19 in Peel

Presentation to Region of Peel Council

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Region of Peel – Public Health

Thursday, November 12, 2020

COVID-19 Response Goals

1. Reduce morbidity and mortality
2. Protect the healthcare system
3. Mitigate broader impacts of COVID-19 on the community






Framework: Adjusting and Tightening Public Health Measures

Act earlier by implementing measures to protect public health and prevent closures

Gradually loosen measures as trends in public health indicators improve

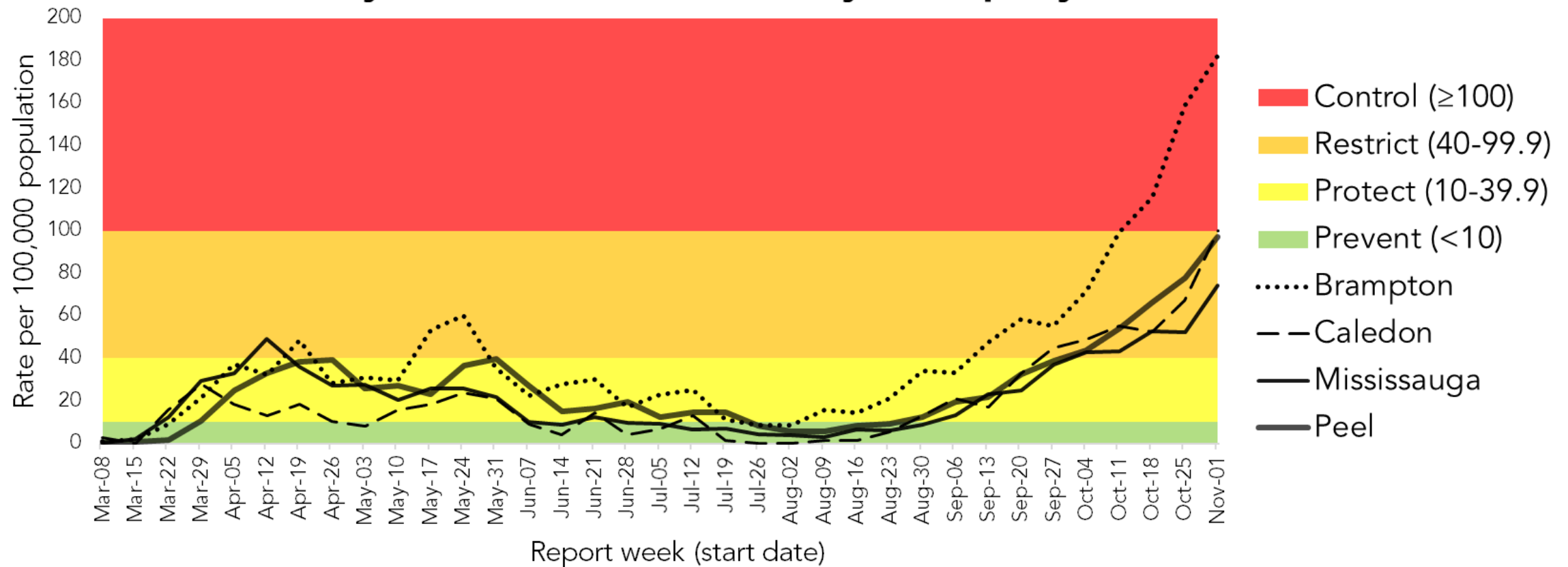
Objective

Tactics

	 PREVENT (Standard Measures)	 PROTECT (Strengthened Measures)	 RESTRICT (Intermediate Measures)	 CONTROL (Stringent Measures)	 LOCKDOWN (Maximum Measures)
Objective	Focus on education and awareness of public health and workplace safety measures in place.	Enhanced targeted enforcement, fines, and enhanced education to limit further transmission.	Implement enhanced measures, restrictions, and enforcement avoiding any closures.	Implement broader-scale measures and restrictions, across multiple sectors, to control transmission (Return to modified Stage 2).	Implement widescale measures and restrictions, including closures, to halt or interrupt transmission (Return to modified Stage 1 or pre-Stage 1).
Tactics	Restrictions reflect broadest allowance of activities in Stage 3 absent a widely available vaccine or treatment. Highest risk settings remain closed.	Apply public health measures in high risk settings.		Restrictions are the most severe available before widescale business or organizational closure.	Consider declaration of emergency.
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Weekly COVID-19 Rate per 100,000

Weekly COVID-19 incidence rate by municipality



Sources: (Case data) Ministry of Health, Case and Contact Management Solution, extracted by Peel Public Health on [10/Nov/2020], (2019 municipality population estimates) Population Estimates, 2019, Statistics Canada. Ministry of Health, (2020 Peel population projection) Population Projections, 2020, Statistics Canada. IntelliHEALTH Ontario, Ministry of Health.

Effective Reproduction Number

Nov 1 – Nov 7



1.1



1.3

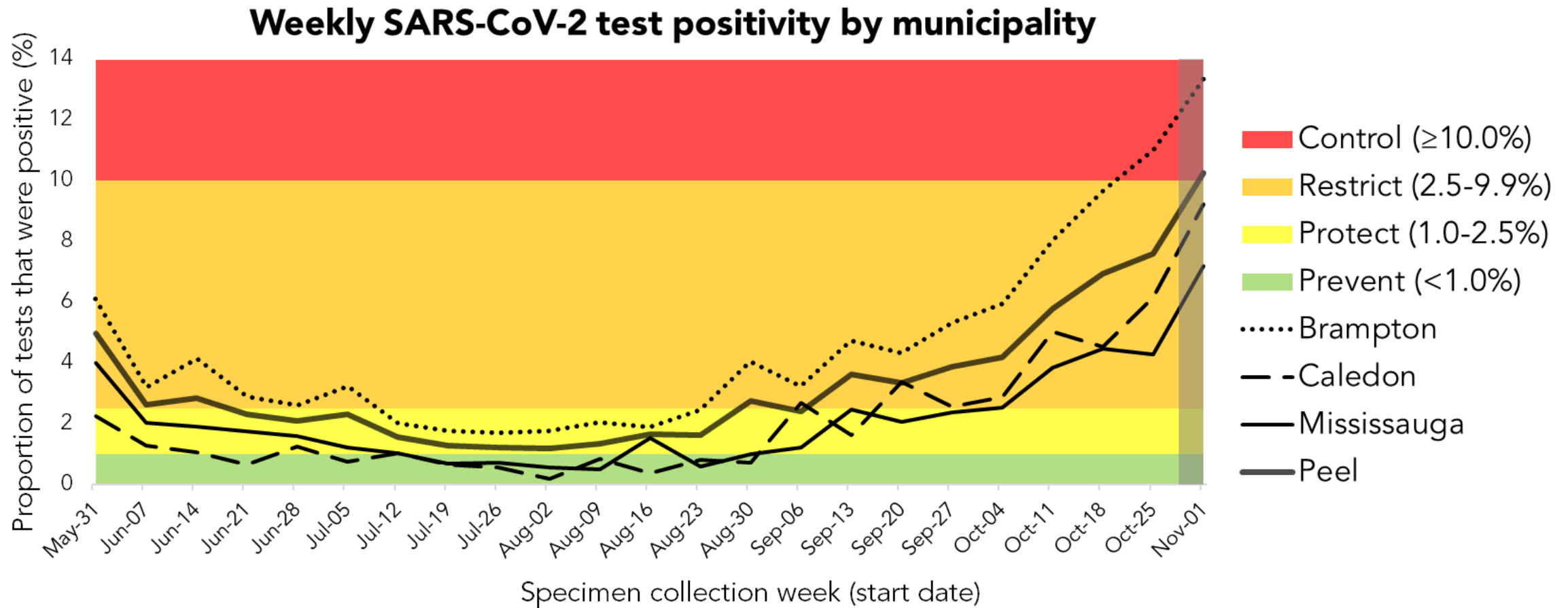


1.3



1.0

Weekly Percent Positivity



Note: Data for the week of November 1-7 are considered preliminary.

Source: Ministry of Health, Ontario Laboratory Information System, extracted by Peel Public Health on [10/Nov/2020].

Health System Capacity: Nov 1-7

Overall Peel

90%

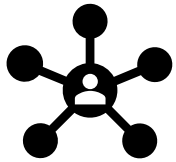
Acute care beds

87%

Critical care beds

Recent surge across William Osler Health System hospitals has required patient transfers to other hospitals and postponement of elective surgeries

Public Health Capacity

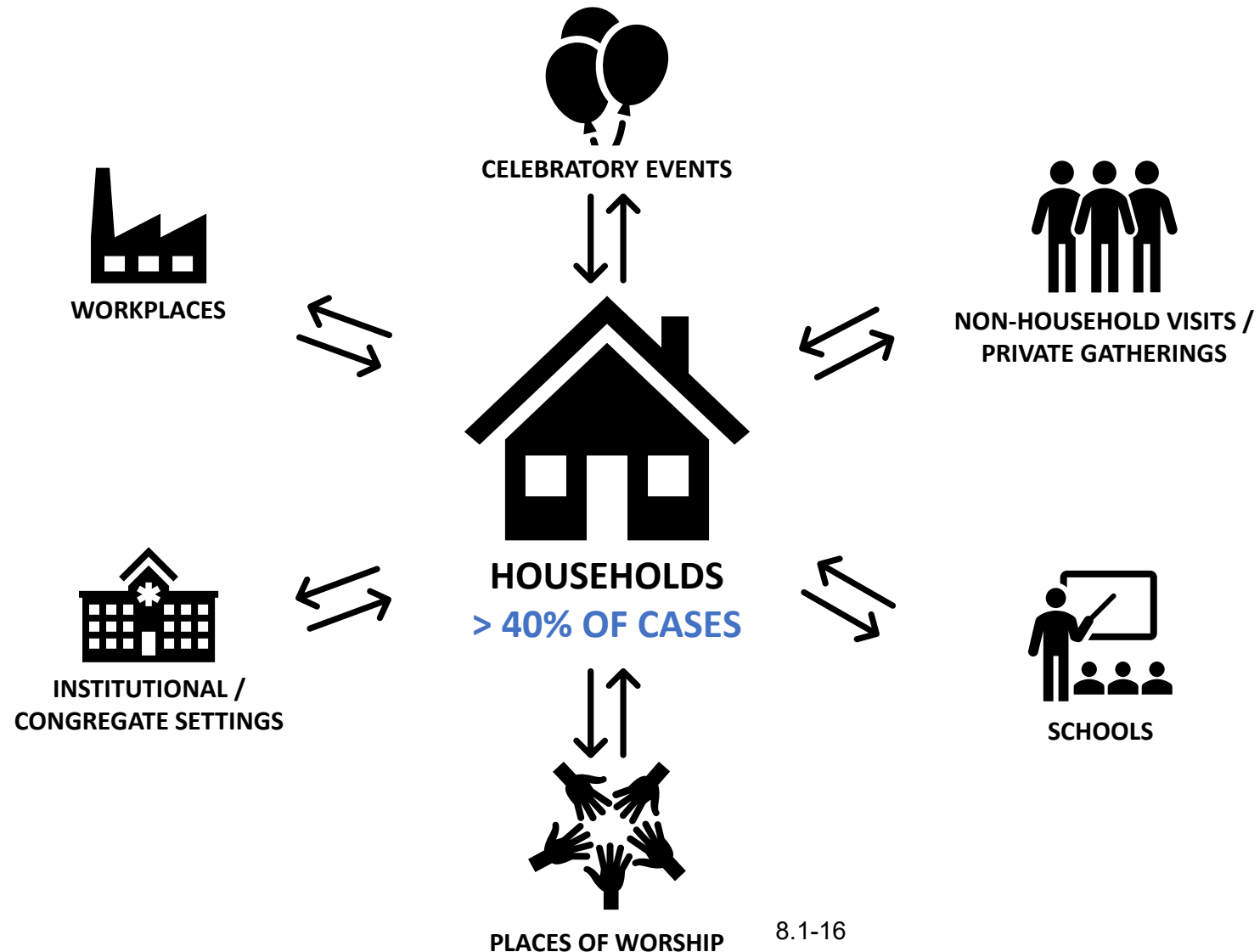


Continue to prioritize outbreak mitigation in long-term care homes, retirement homes, shelters, workplaces and other congregate settings.



Considerable capacity challenges with COVID-19 case surge:
56% of COVID-19 cases were contacted within 1 day by public health (October 27- November 2, 2020)

COVID-19 Transmission Can Occur in Any Setting



Transmission in Social Settings

Celebratory Events

- Wedding of 100 guests
- 46 cases (33 from Peel)
- Pre-wedding events held in private homes. Bus for transport of guests.
- Limited mask use and physical distancing. Buffet-style food service

Places of Worship

- Temple with leaders who live on site
- 9 cases, including leaders
- Leaders interacted with visitors while communicable
- Inconsistent physical distancing and masking
- Challenge with acquiring contact information on visitors

Visits / Private Gatherings

- Symptomatic visitor from another province to Household 1
- Multiple visits between Household 1 and Household 2 (extended family) following visitor's departure
- 8 cases across three generations and two households; both households include elderly individuals

Medical Officer of Health Letter of Instruction on Additional Measures Required to Control the Spread of COVID-19 in Our Community

Strong Recommendations to All Peel Residents



Restrict your contact to members of your household and essential supports only. Those that live alone may join one designated household.



Do not visit any other household or allow visitors to your home or yard, except for emergency reasons.



Limit in-person activities outside the home to essential activities only.



Cancel, postpone, or hold virtually any other discretionary in-person activities.

Additional Strong Recommendations



For places of worship, conduct religious services, rites, or ceremonies **virtually as much as possible**. If required to be held in-person, consider capping indoor attendance to 30% of capacity to a **maximum 50 people per facility** and seating to the immediate household and essential supports, separated by 2 metres of distance between other groups.



For premises that serve food and drinks, limit seating in groups to members of an immediate household and essential supports, with such groups being separated by 2 metres of distance from other groups.

Public Health COVID-19 Response

Case, contact, exposure and outbreak management

- 17, 301 cases and at least 177 institutional outbreaks managed

Enforcement of COVID-19 measures

- Responding to over 2,000 COVID-19 requests for service.

Surveillance and epidemiological analysis

- Over 30,000 visits/month to COVID-19 dashboard and weekly publication of the Peel COVID-19 Weekly Epidemiologic Update

Public communications and external stakeholder relation

- Answering over 1,000 public inquiries and 50,000 calls.

Maintaining critical public health programs and services

- For example, delivering harm reduction services.

Planning for the Future – Public Health Resources

- 32 temporary positions are required to support the COVID-19 response.
- 3 permanent positions are required to support Peel's Opioid Strategy.

Going forward

1. Focus on clear and timely communication
2. Maintain an active response through wave 2
3. Implement the isolation housing initiative
4. Plan and preparing for future needs and of the pandemic (e.g. mass vaccinations)

Thank you.

