

COVID-19 Update

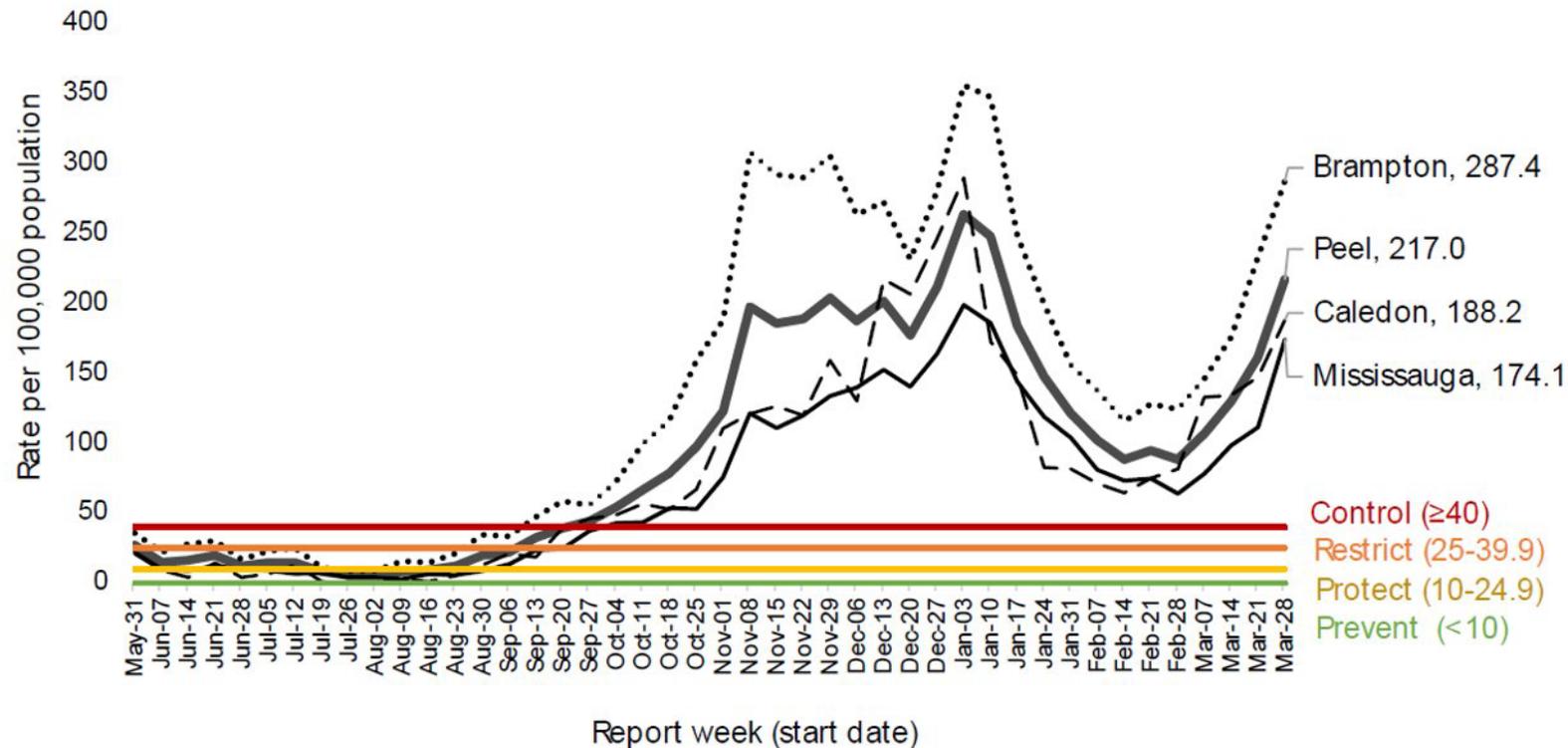
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Medical Officer of Health, Region of Peel
April 8, 2021



Agenda

- COVID-19 situation update
- Public health measures
- Community Mass Vaccination Plan updates

Weekly COVID-19 Incidence Rates by Peel Municipality, May 31, 2020 to April 3, 2021



We are rapidly heading back to peak January levels

Our 7-day moving average of cases is **540** compared to 396 cases one week ago – A 35% increase

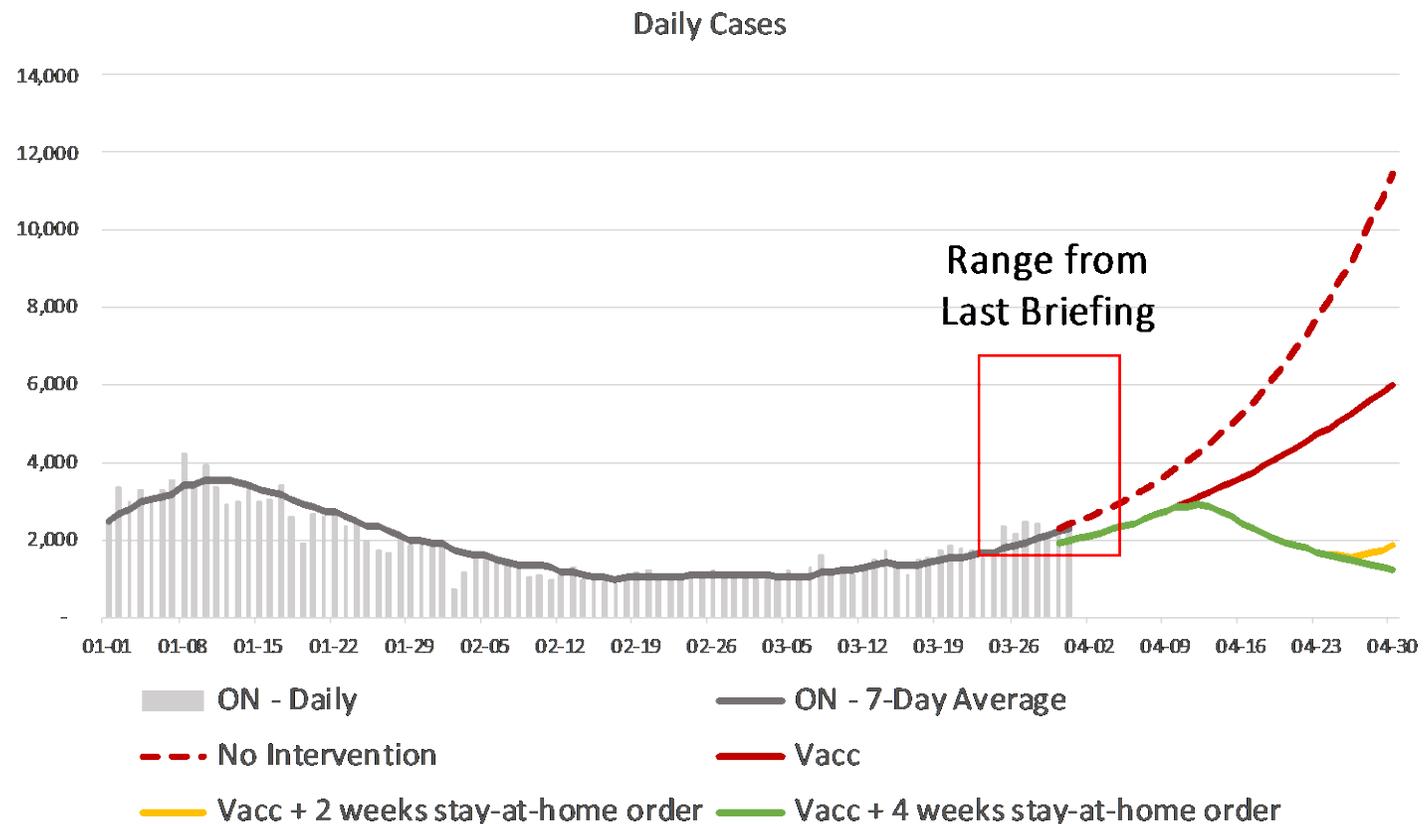
Sources: (Case data) Ministry of Health, Case and Contact Management Solution, extracted by Peel Public Health on [06/Apr/2021], (2019 municipality population estimates) Population Estimates, 2019, Statistics Canada. Ministry of Health, (2020 Peel population projection) Population Projections, 2020, Statistics Canada. IntelliHEALTH Ontario, Ministry of Health.

Public Health Measures

- April 3 province-wide public health measures and the April 8 stay-at-home order are necessary
- It takes time to build immunity, therefore vaccination today will not prevent the current wave
- Stronger measures are required to reverse the surge in Peel
- The province has seen rapid case growth, largely due to variants of concern

Short-term case projections depend entirely on system-level public health measures and vaccination

Figure shows example, representative of Ontario predictions across 4 models, 3-5 scenarios each



Source: Update on COVID-19 Projections, Science Advisory and Modelling Consensus Tables , April 1, 2021;
Predictions informed by modeling from COVID-19 ModCollab, Fields Institute, McMasterU, PHO, YorkU;
Data (Observed Cases): covid-19.ontario.ca 8.1-5

Remote Learning for Peel Schools

- Strong public health measures implemented by schools have prevented significant spread of COVID-19 by students and staff
- Introduction of COVID-19 cases in schools is reflective of community transmission; there have been:
 - more outbreaks in school settings
 - more outbreak-related cases in recent weeks
- Public Health will continue to work with the boards to ensure a gradual return to in-person school

Other Provincial Public Health Measures

Partially covered by April 8 Provincial measures:

- Review of all businesses and services presently defined as essential
- Capacity limits to businesses that remain open

Other supportive measures:

- Emergency provision of paid sick days
- Increased and more consistent vaccine supply
- Travel restrictions between regions

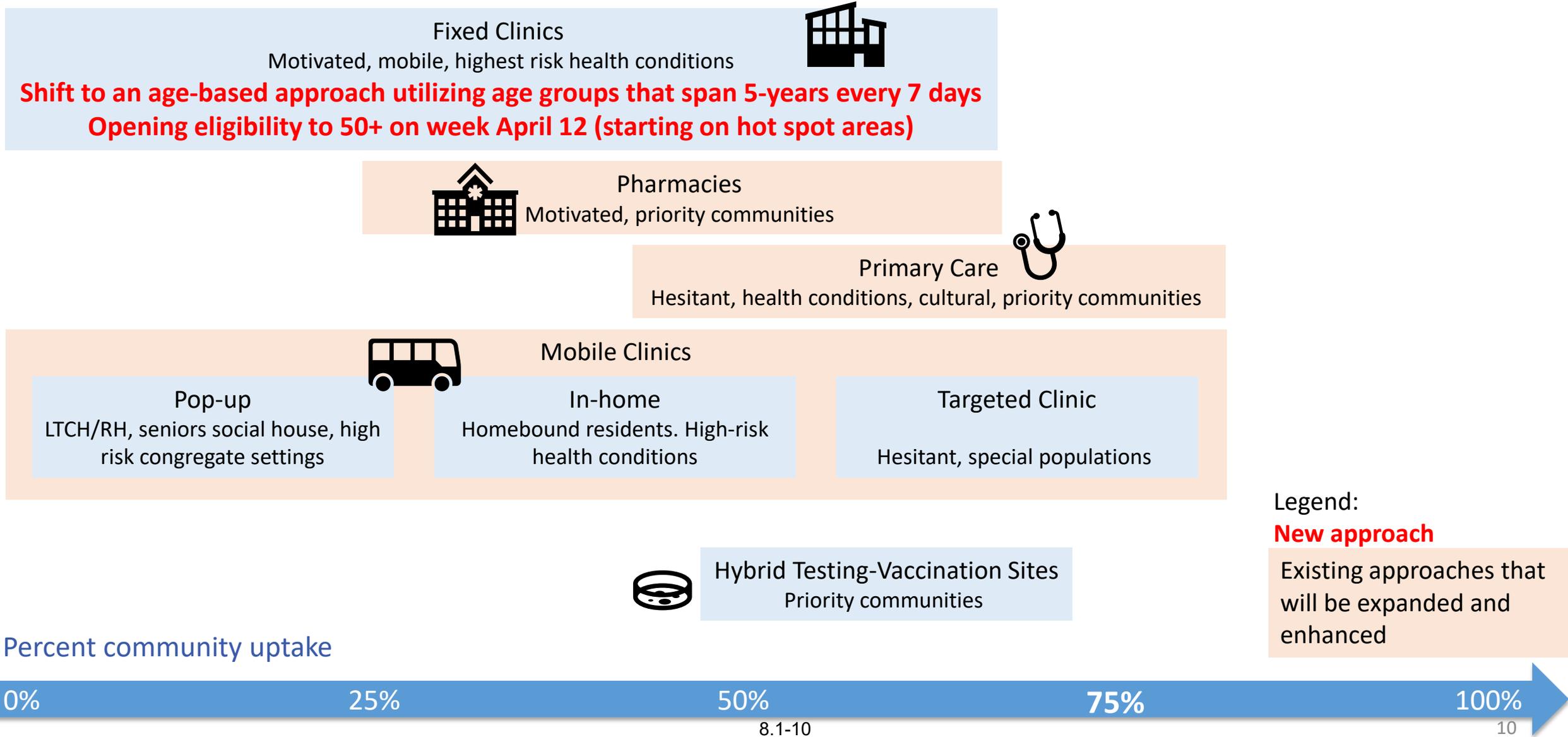
Peel Community Mass Vaccination Plan Highlights

- **More than 200k** vaccine doses administered as of April 5th
- Built a **mobile clinic model** providing outreach to vulnerable residents, homebound persons, **110** congregate settings, and others
- Set up and opened **11** community clinics
- More than **80%** (1,200 of 1,600) clinic employees have been hired to date
- Over **600** physicians have expressed interest in vaccinating in fixed clinics
- **255** community volunteers have been trained – with over **4,000 hours** donated to date
- Provided **445** TransHelp rides to vaccination clinics
- Answered to over **5,000** calls per week and hundreds of community and stakeholder inquiries
- Completed a primary care pilot with **10 sites** to eligible patients for 60+, and continuing to expand

Allocations and Capacity

Month	Anticipated Dose Allocation to Peel*	System Capacity
March	179,780 doses received	Ramp up from 3,400 to 9,000 doses per day per vaccine supply
April	289,440 (excludes AZ allocated to primary care & exclusive of pharmacy allocations)	Continue to grow capacity from 10,000 doses per day

Multi-Pronged Approach to Vaccination



Capacity by Clinic Type

- Fixed site clinics can vaccinate between 50 and 67 times faster than mobile clinics

Type of Clinic	Current Capacity/day	Full Capacity/day	Days Needed to Administer 100k doses
Fixed site clinics (Region and hospitals)	10,000 doses	20,000 doses	5 (full capacity) 10 (current capacity)
Mobile clinics	200 doses	300 doses	333 (full capacity) 500 (current capacity)

- Fixed site clinics use less than half the resources per dose
 - Fixed clinic: \$29/dose (estimate)
 - Mobile clinic: \$60-70/dose (estimate)
- Fixed site clinics
 - Are better suited for storage and mobility mRNA vaccine limitations
 - Are complemented with outreach, transportation support and accessibility

Age-Based Approach to Achieve First Dose Coverage Faster

Age Group	Week of:											Estimated Population
	05-Apr	9-Apr	16-Apr	23-Apr	30-Apr	7-May	14-May	21-May	28-May	4-Jun	11-Jun	
80+	60%											58,248
75-79	61%											41,961
70-74	48%											61,482
65-69	20%											74,181
60-64	22%											93,430
55-59	8%	63%*										110,622
50-54	6%	63%*										111,104
45-49			65%*									108,097
40-44				64%*								108,814
35-39					61%*							115,264
30-34						59%*						118,972
25-29							59%*					119,250
20-24												184,262
16-19												184,262

Use multi-pronged strategies to increase percentages

Potential week of eligibility and percentage that could be vaccinated with at least one dose in a week through fixed clinics with existing capacity

*Projected numbers based on estimated population and current clinic capacity

Region of Peel Hot Spot Communities - COVID-19 Immunization Strategy

Goal: Reaching people at higher risk of death, hospitalization and transmission

Almost all of Peel's neighbourhoods are considered COVID-19 hotspots.

Peel has 25 "hot spot" FSAs with a total eligible population of 392,684 people (age 50-79)

Work together with our community to understand and meet the needs of people on their vaccination journey

Offer diverse vaccination options that are safe, convenient, and supportive to most residents

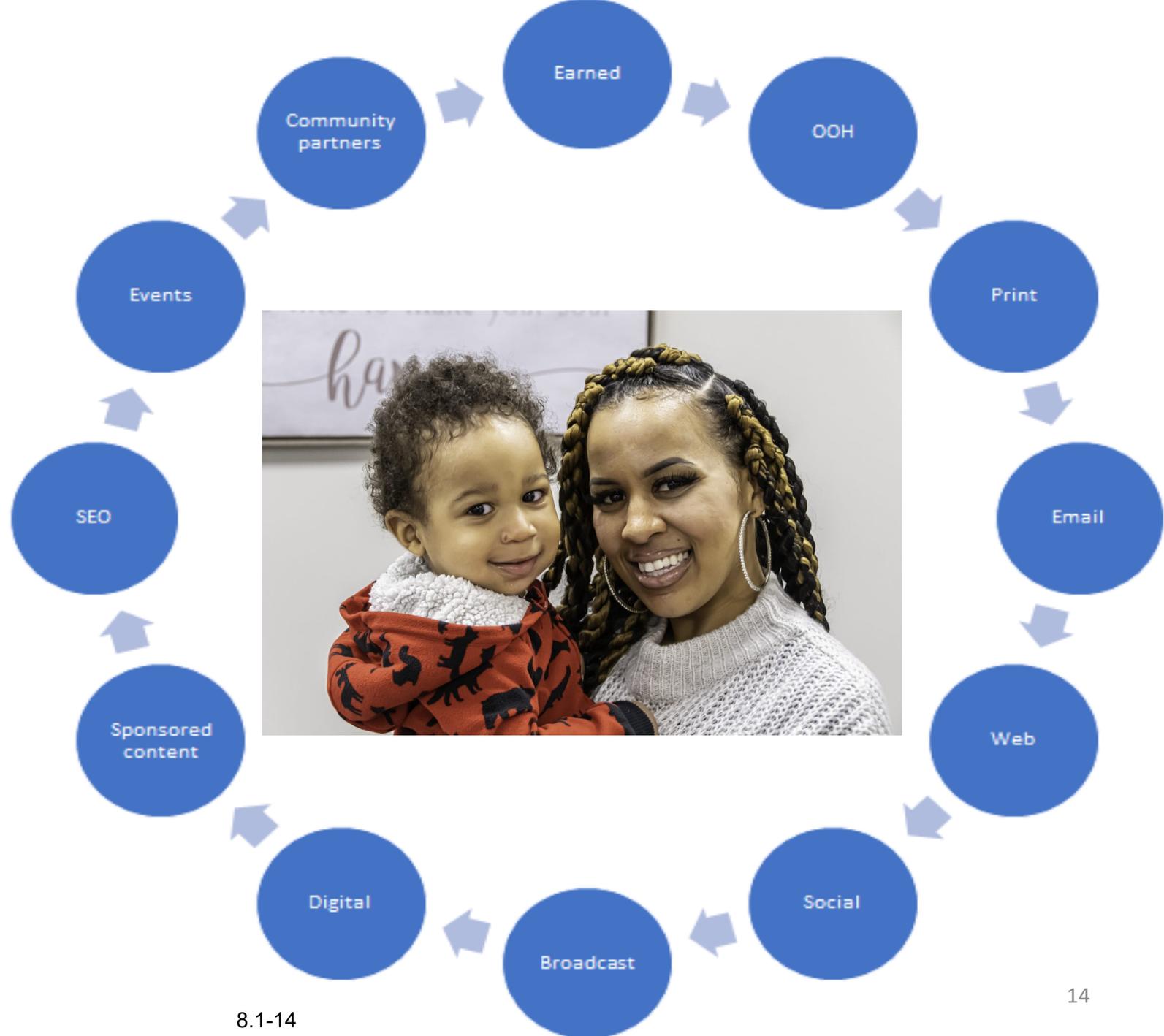
Meet our most vulnerable where they are through mobile clinics

Provide the information people need, when and how they need it

Support a positive conversation and normalize vaccination

Integrated Communications Approach

- Leverage the media habits, demographics and social values of people in Peel and keep residents at the heart of our communications.
- Our 360-degree integrated approach delivers a consistent and cohesive message across platforms.
- Ensures multiple touchpoints, higher rates of awareness, engagement and recall. Puts media in the preferred spaces of the resident.



Challenges and Barriers

- Communications and issues management
 - Public confusion and mixed messaging related to eligibility
 - Comparisons with other jurisdictions
 - Vaccine confidence and 'shopping'
- Volatility of federal and provincial supply of vaccine
- Variable uptake
- Provincial COVax Vaccine Appointment Booking System (VAB)
 - Provincially controlled
 - Reporting & access to data
- Staffing, scheduling and team burnout
- Clinic operations processes and flow

Immediate Priorities

- Monitoring COVID-19 situation and taking appropriate public health measures
- Continuing high-risk case contact case and outbreak management
- Opening vaccine to additional populations
- Negotiating stable supply and ability to manage provincial booking system
- Optimizing vaccine clinic operations
- Maximizing public communication efforts
- Continuing focus on the most vulnerable
- Managing burnout and balancing stretched resources across the response

Thank you

