



Hamilton

# PUBLIC HEALTH UPDATE

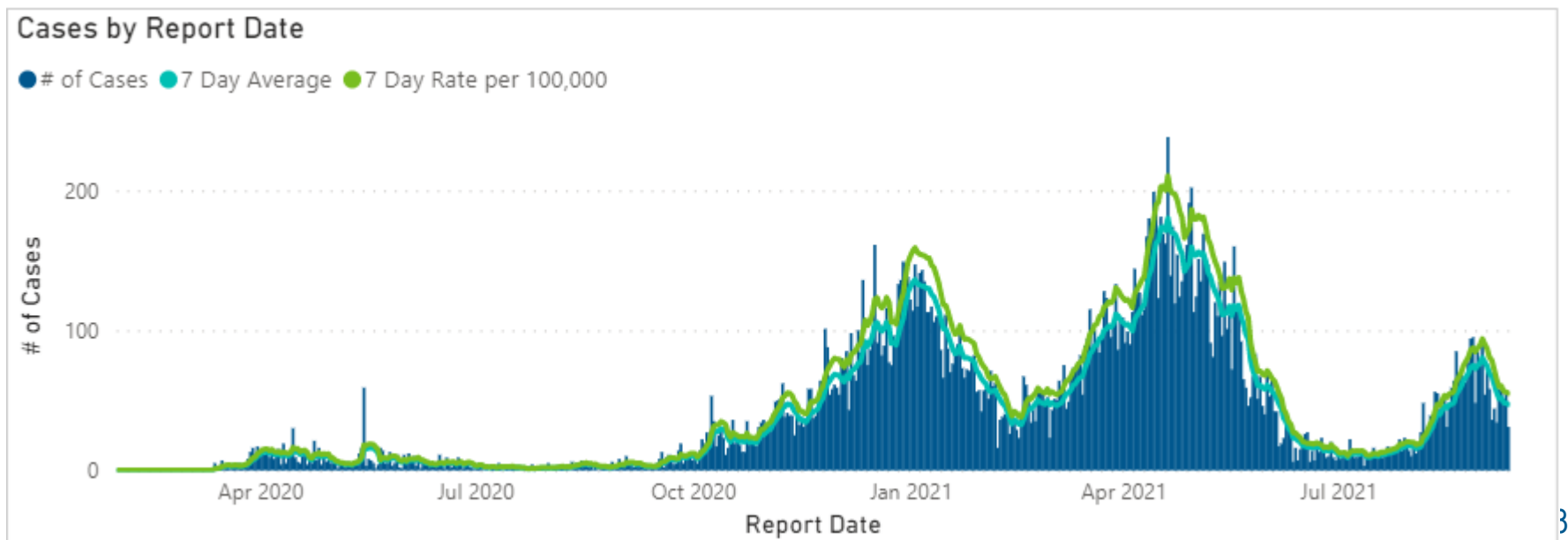
BIA Advisory Committee  
September 14th, 2021

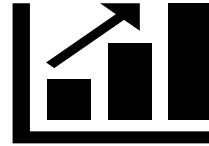


- Local Epidemiology
- Projections on the 4<sup>th</sup> wave
- Vaccination update
- Local Recommendations
- Mandatory Vaccination Policies in Workplaces
- Proof of Vaccinations

# Local epidemiology update

- Local data can be found on the CoH webpage “[Status of Cases in Hamilton](#)”
- Brief update as of September 13th, 2021:
  - Number of new cases (7 day average) = 47
  - Current reproductive number = 0.75
  - Current # of outbreaks = 8





## Epidemiology update

- Hamilton is seeing an increase in COVID-19 case activity and outbreaks
- We are currently in the 4<sup>th</sup> wave
  - increase in inter-personal contacts associated with reopening.
  - Primarily driven by transmission of the Delta variant among those not fully vaccinated



# Scarsin Forecast

Based on [Board of Health update](#) (Aug 11<sup>th</sup>)

## Scarsin Forecast – Overview of Scenarios

### Scenario 1

70% vaccination of 12yrs+ and reduced public health measures in mid-October 2021 down to zero by mid-December 2021

### Scenario 2

80% vaccination of 12yrs+ and reduced public health measures in mid-October 2021 down to zero by mid-December 2021

### Scenario 3

70% vaccination of 12yrs+ and maintaining public health measures with gradual reductions in fall

### Scenario 4

80% vaccination of 12yrs+ and maintaining public health measures with gradual reductions in fall

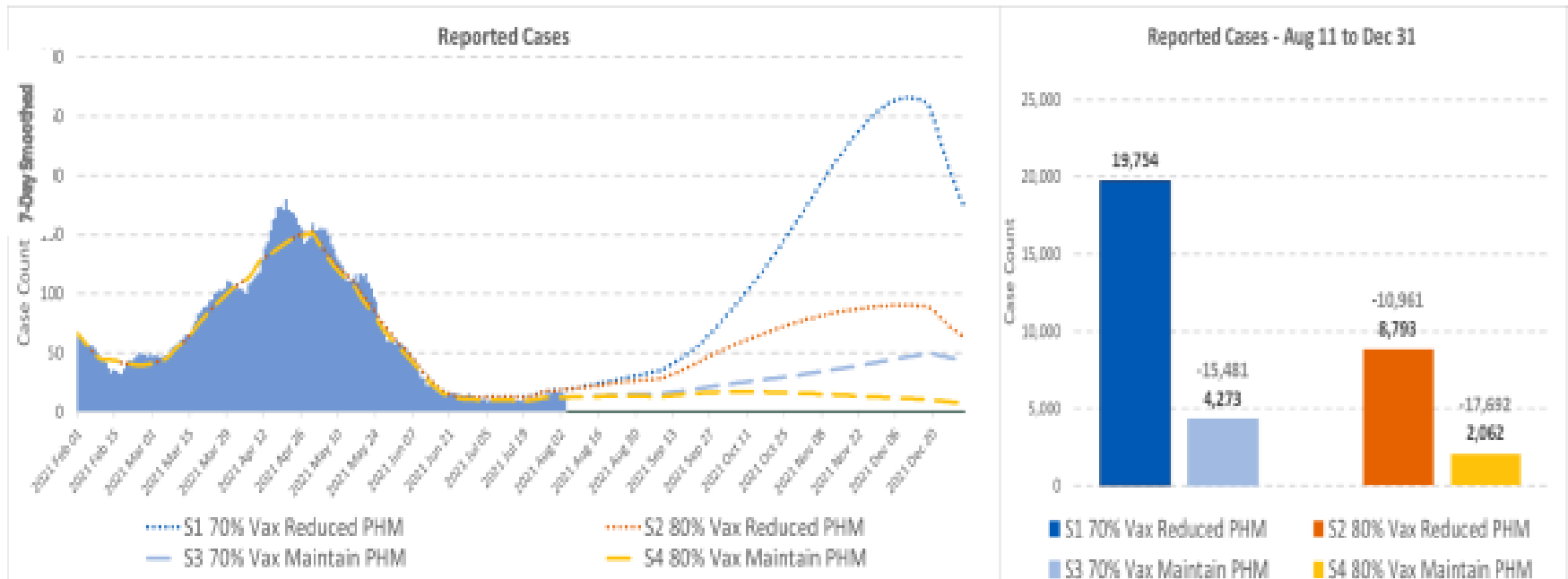
### All scenarios assume:

- Delta variant circulating at 95% of cases in Aug 2021
- Reduced case severity probability of hospitalization or death given vaccination
- Immunity curves adjusted for vaccine type
- First dose immunity adjusted for Delta
- Reduced dosing interval to 4 weeks in July 2021
- Increased contact transmission in Aug/Sep 2021
- Mobility increases in late summer/fall
- Fall in-class learning schools/ universities
- Schools will require masking at least initially
- 70% vaccination rate reachable in 12yrs+

### -Updated data:

- Case data retrieved Thursday, August 5, 2021
- Updated mobility data
- Vaccination data retrieved Wednesday, August 4, 2021

## COVID-19 Cases, Scenario Comparisons among Hamiltonians



Data Source: Scarsin Decision Support System, scenarios created Aug 7, 2021

### Key Messages:

Maintaining public health measures (dash lines) and increasing vaccination levels (orange/yellow lines) can reduce fourth wave cases. At 70% vaccination, over 15,000 cases could be prevented by maintaining public health measures and reduce the fourth wave below third wave levels.



# Scarsin Forecast

## Summary - Fourth wave:

- Severe outcomes such as hospitalization and death may be mitigated by vaccination
- Over 15, 000 cases could be avoided in Hamilton with continued public health measures into December 2021 as compared to reducing measures down to zero by December 2021 starting in mid-October 2021
- Over 10,000 cases could be avoided in Hamilton with increased vaccination rates to 80% in October above current 70% of those 12yrs+



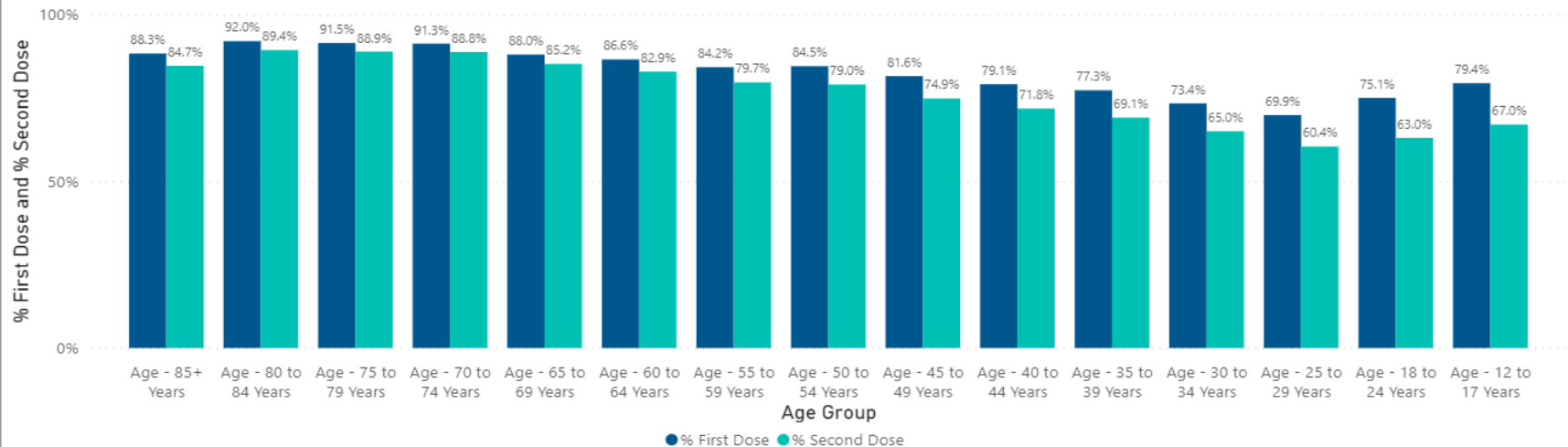
# Vaccination Update

- Local data can be found on the CoH webpage: [COVID-19 Vaccine Distribution](#)
- As of September 13<sup>th</sup>, 81.3% of eligible Hamiltonians received at least one dose and 74.2% are fully vaccinated

## Estimated COVID-19 Vaccine Coverage by Age Groups in Hamilton

The chart below describes vaccination progress by age group in Hamilton.

### % Vaccinated by Age Group



Data Source: IntelliHealth (COVAXon Data Load).





# Local Recommendations

- <https://www.hamilton.ca/coronavirus/covid-19-vaccination-and-workplaces>

Hamilton's Medical Officer of Health strongly recommends that local employers enact a COVID-19 workplace vaccination policy to protect your employees and your customers from COVID-19 and the Delta variant.

[Read the letter issued August 30 from Hamilton's Medical Officer of Health](#) .

# Mandatory Vaccination Policies in Workplaces

- **Mandatory vaccination policies for high-risk workplaces including:**
  - Hospitals, home and community care service providers
  - Post-secondary institutions
  - Licensed retirement homes
  - Women's shelters,
  - congregate group homes and day programs for adults
  - Children's treatment centres and other services for children with special needs and licensed children's residential settings

## **Vaccination policy requires one of three things:**

- Full vaccination against COVID-19;
- A medical reason for not being vaccinated against COVID-19; or
- Completion of a COVID-19 vaccination education session

# Proof of Vaccinations



- Proof of vaccination required in select settings (effective September 22<sup>nd</sup>):
  - Restaurants and bars (excluding outdoor patios, as well as delivery and takeout);
  - Nightclubs (including outdoor areas of the establishment);
  - Meeting and event spaces, such as banquet halls and conference/convention centres;
  - Facilities used for sports and fitness activities and personal fitness training, such as gyms, fitness and recreational facilities with the exception of youth recreational sport;
  - Sporting events;
  - Casinos, bingo halls and gaming establishments;
  - Concerts, music festivals, theatres and cinemas;
  - Strip clubs, bathhouses and sex clubs;
  - Racing venues (e.g., horse racing).

[Provincial FAQs](#)



Hamilton

THANK YOU

# Additional Questions

Visit the City of Hamilton's COVID-19 website at [Hamilton.ca/coronavirus](https://hamilton.ca/coronavirus)

Visit the Concierge Workwise website at <https://hamiltoncovidconciierge.ca/workwise/>

Contact us with your questions at (905) 974-9848 or [phscovid19@Hamilton.ca](mailto:phscovid19@Hamilton.ca)

