



Hamilton

Respiratory Diseases Update

Jordan Walker, Director

Communicable Disease Control Division

Board of Health

March 20, 2023

Overview

1. Respiratory Season - Situation Report
2. Vaccine Program Update
3. Key Messages

Local Respiratory Virus Transmission Status

As of March 14, 2023:

Local COVID-19 Activity: Moderate & **Stable**

Local Influenza Activity: Low & **Stable**

Key Messages:

- COVID-19 reported cases are decreasing, test positivity is increasing, while hospitalizations, Intensive Care Unit (ICU) admissions, wastewater signal & the number of active outbreaks remain stable.
- Influenza reported cases and test positivity remain stable, while wastewater signal remains at zero.
- Respiratory Syncytial Virus (RSV) test positivity is increasing, and wastewater signal remains at zero.

Health System Capacity: Admissions/Funded Beds

	Hospital	Feb 6, 2023	Feb 13, 2023	Feb 20, 2023	Feb 27, 2023	Mar 6, 2023	Mar 13, 2023
Acute Care Occupancy	SJHH	89% 315/354	98% 347/354	100% 354/354	99% 351/354	97% 344/354	97% 344/354
	HHS	110% 728/662	108% 715/662	107% 708/662	104% 688/662	107% 708/662	101% 669/662
	MCH	103% 76/74	116% 86/74	103% 76/74	105% 78/74	111% 82/74	111% 82/74
Intensive Care Unit Occupancy	SJHH	61% 17/28	86% 24/28	93% 26/28	88% 25/28	86% 24/28	96% 27/28
	HHS	84% 72/86	84% 72/86	93% 80/86	86% 74/86	80% 69/86	76% 65/86
	MCH	67% 8/12	67% 8/12	67% 8/12	75% 9/12	75% 9/12	92% 11/12

Key Messages:

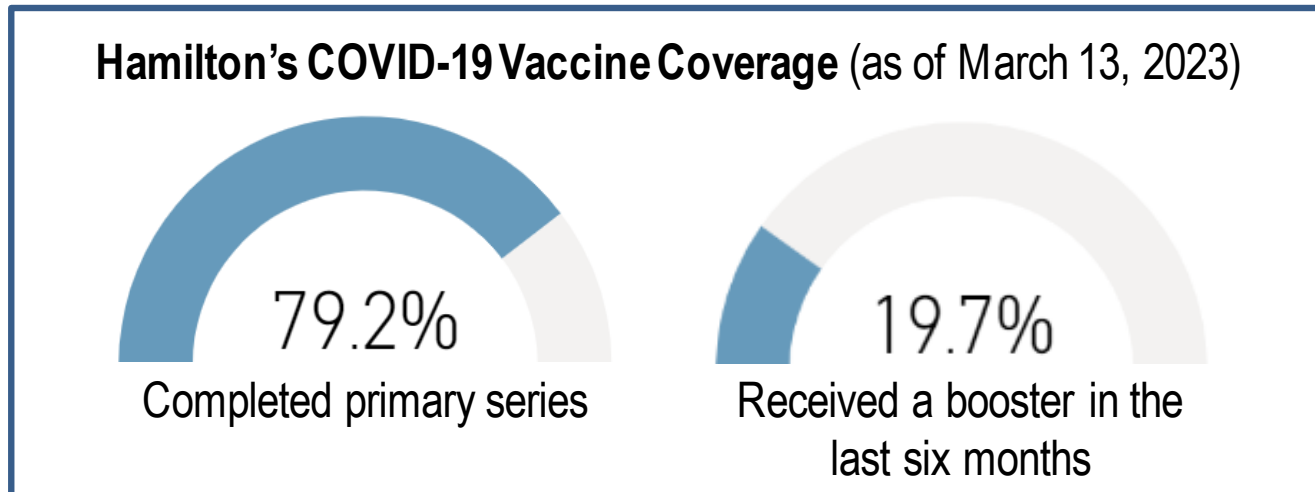
- Patient volumes/acuity and staffing challenges continue to create capacity pressures in areas of Hamilton's hospitals.
- Acute care occupancy has been near or above 100% for all hospitals . Intensive care unit capacity has improved overall, with hospitals reporting below 100% occupancy.

Note: SJHH: St. Joseph's Healthcare Hamilton, HHS: Hamilton Health Sciences, MCH: McMaster Children's Hospital

Vaccine Program Update – Data

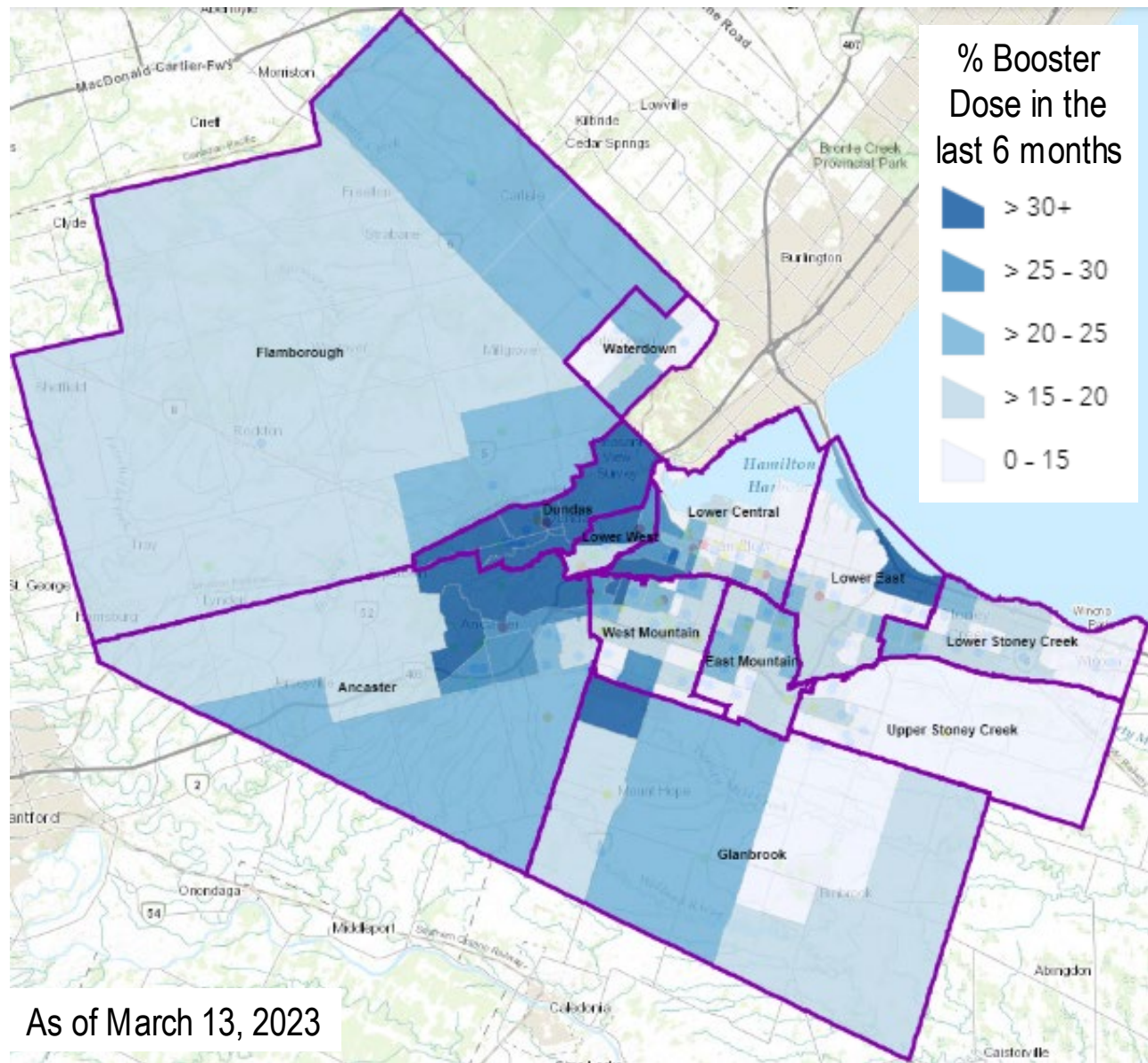
COVID-19 Vaccine Administered in Hamilton

- Administration has slowed in recent months, with approximately **963** doses administered in a recent week (March 6, 2023 to March 13, 2023):
 - Most doses continue to be bivalent booster doses (**89%**)
 - Majority administered in pharmacy (**47%**)



Note: Population aged 6+ months eligible for primary series, 5+ years for a booster

COVID-19 Vaccine Coverage by Geography



Vaccine Program Update - Operations

- Two mobile clinics continue to focus on Forward Sortation Areas (FSAs) at highest risk due to lower vaccine coverage, higher concentration of racialized population and high material deprivation.
- In April 2023, mobile clinics transitioning to regular locations throughout the week.
- Continue:
 - Promotion of COVID-19 vaccine access via pharmacy and primary care sources
 - Vaccine Ambassador work to promote COVID-19 vaccine and promotion of COVID-19 catch-up of routine vaccinations in high school settings

Key Messages

- Hamiltonians are recommended to take a multilayered approach to prevent spread and reduce serious health consequences this respiratory virus season:
 - Stay up-to-date with your vaccinations including COVID-19 & flu
 - Strongly recommend wearing a mask when in crowded indoor settings and/or when unable to physically distance
 - Screen for respiratory symptoms daily, practice good hand and respiratory hygiene, and stay home when you are ill
 - Speak to your healthcare provider, know in advance if you're eligible for treatment for COVID-19, flu and Respiratory Syncytial Virus (RSV) and where to access
 - Visit www.Hamilton.ca/ProtectYourself for more information

Access to Respiratory Virus Monitoring Information

Updated Resource

- [Influenza & Respiratory Syncytial Virus \(RSV\) Dashboard](#) (updated Tuesdays)
 - ✓ Now includes influenza A, influenza B and Respiratory Syncytial Virus (RSV) wastewater signal

Ongoing Resources

- [Respiratory Virus Transmission Status](#) (updated Wednesdays):
- [COVID-19 Status of Cases Dashboard](#) (updated Tuesdays and Fridays):
- [COVID-19 Vaccine Dashboard](#) (updated on Tuesdays and Fridays)
- [Active Outbreaks posted on Open Data](#) (updated Monday– Friday)



Hamilton

QUESTIONS?