



Hamilton

Respiratory Diseases Update

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Board of Health
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Overview

1. Respiratory Season - Situation Report
2. Disease Control Update
3. Vaccine Program Update

RESPIRATORY SEASON - SITUATION REPORT

Local Respiratory Virus Transmission Status

Local COVID-19 Activity: High & Stable

Local Influenza Activity: Moderate & Decreasing

Key Messages:

- COVID-19 reported cases, hospitalizations, test positivity, wastewater signal, and the number of active outbreaks are currently stable, while intensive care unit (ICU) admissions have increased.
- Influenza percent positivity has decreased, while cases have remained stable.

Access to Respiratory Virus Monitoring Information

New Resources

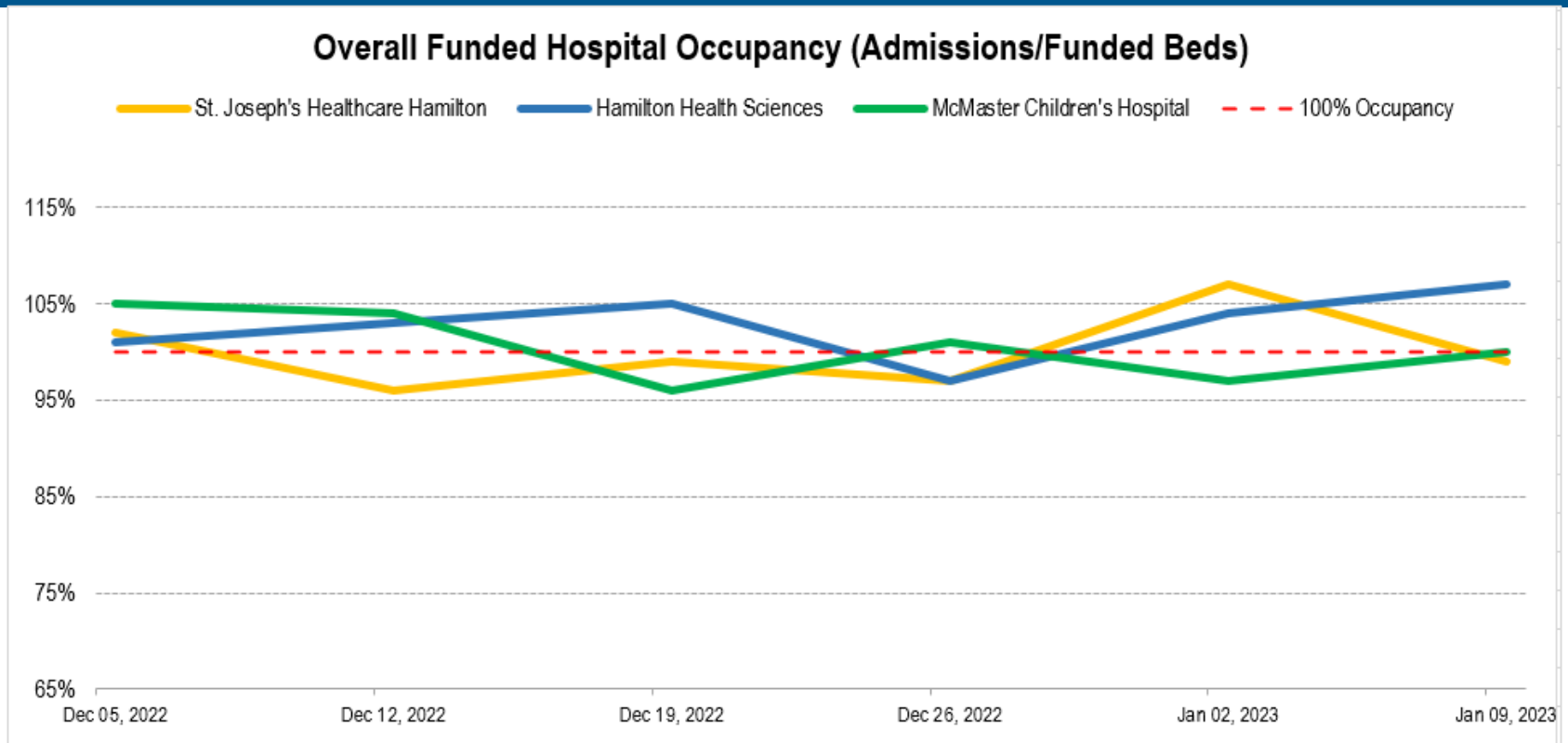
Added December 2022

- Active Outbreaks posted on Open Data Portal (Includes respiratory and enteric outbreaks, updated daily Monday – Friday)
 - https://data-spatialolutions.opendata.arcgis.com/datasets/93c3500fcb241358a13cf21409dfad6_4/about
- Influenza Dashboard
 - <https://www.hamilton.ca/people-programs/public-health/diseases-conditions/influenza-flu>

Ongoing Resources

- Respiratory Virus Transmission Status (updated Wednesdays):
 - <https://www.hamilton.ca/people-programs/public-health/diseases-conditions/coronavirus-covid/covid-19-data#transmission-status>
- COVID-19 Status of Cases Dashboard (updated Tuesdays and Fridays):
 - <https://www.hamilton.ca/people-programs/public-health/diseases-conditions/coronavirus-covid/covid-19-data#status-of-cases>
- COVID-19 Vaccine Dashboard (updated on Tuesdays and Fridays)
 - <https://www.hamilton.ca/people-programs/public-health/diseases-conditions/coronavirus-covid/covid-19-data#vaccine-distribution>

Health System Capacity: Acute Care Occupancy

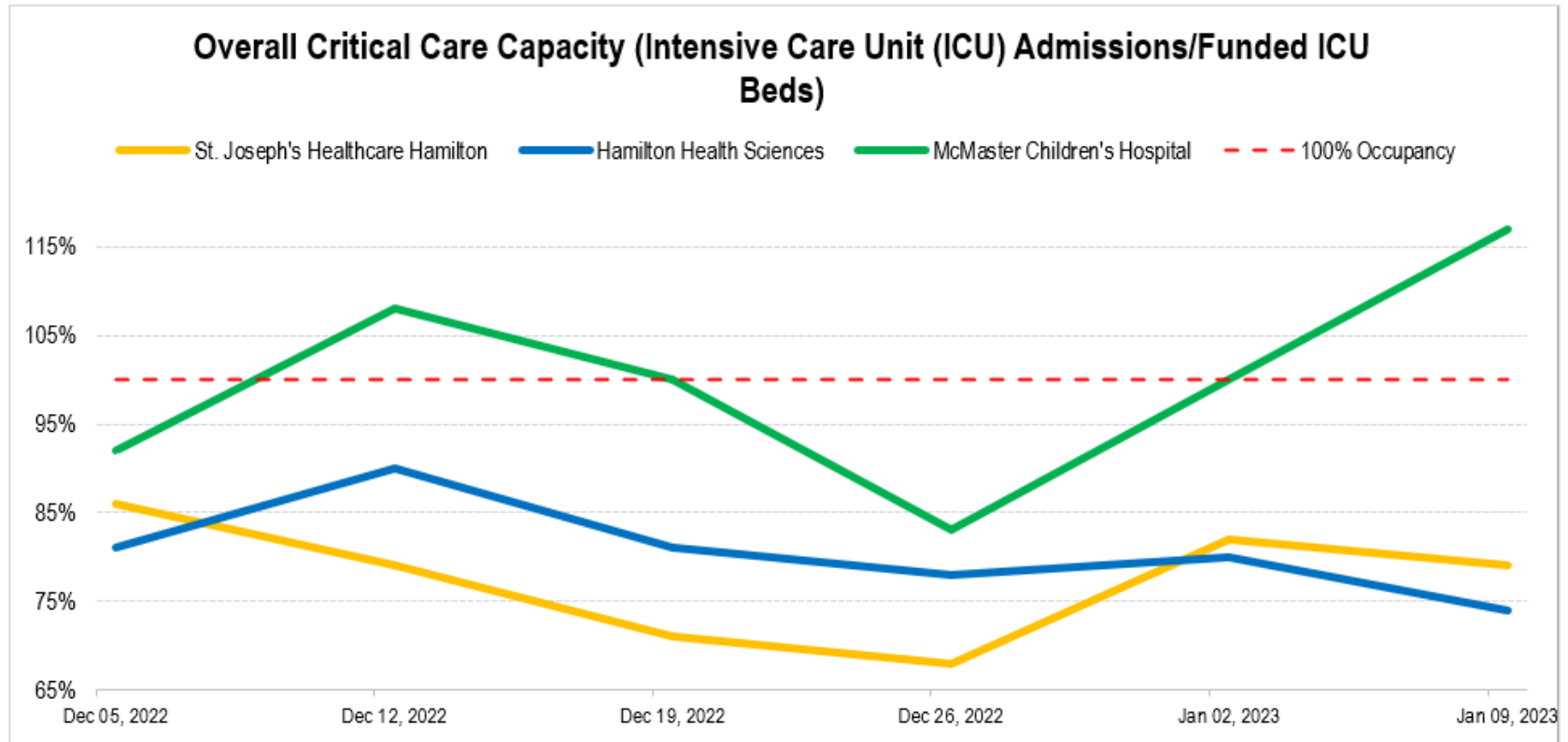


Key Messages:

- Patient volumes/acuity and staffing challenges continue to create capacity pressures in Hamilton's hospitals.
- Hamilton hospitals have been hovering around 100% capacity in acute care beds through-out December 2022 and into January 2023.

Note: Hamilton Health Sciences site excludes McMaster's Children's Hospital. Data current as of January 9, 2023.

Health System Capacity: Intensive Care Unit Occupancy



Key Messages:

- Hamilton's intensive care unit capacity improved in December 2022, while McMaster Children's Hospital sees sustained intensive care unit pressures.

Notes: Hamilton Health Sciences site excludes McMaster's Children's Hospital. Data current as of January 9, 2023.

Health System Capacity: Admissions/Funded Beds

	Hospital	Dec 5, 2022	Dec 12, 2022	Dec 19, 2022	Dec 26, 2022	Jan 2, 2023	Jan 9, 2023
Acute Care Occupancy	SJHH	102% 349/342	96% 328/342	99% 343/346	97% 312/322	107% 370/346	99% 350/354
	HHS	101% 669/662	103% 682/662	105% 695/662	97% 642/662	104% 688/662	107% 708/662
	MCH	105% 78/74	104% 77/74	96% 71/74	101% 75/74	97% 72/74	100% 74/74
Intensive Care Unit Occupancy	SJHH	86% 24/28	79% 22/28	71% 20/28	68% 19/28	82% 23/28	79% 22/28
	HHS	81% 70/86	90% 77/86	81% 70/86	78% 67/86	80% 69/86	74% 64/86
	MCH	92% 11/12	108% 13/12	100% 12/12	83% 10/12	100% 12/12	117% 14/12

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

DISEASE CONTROL UPDATE

Current Public Health Measures

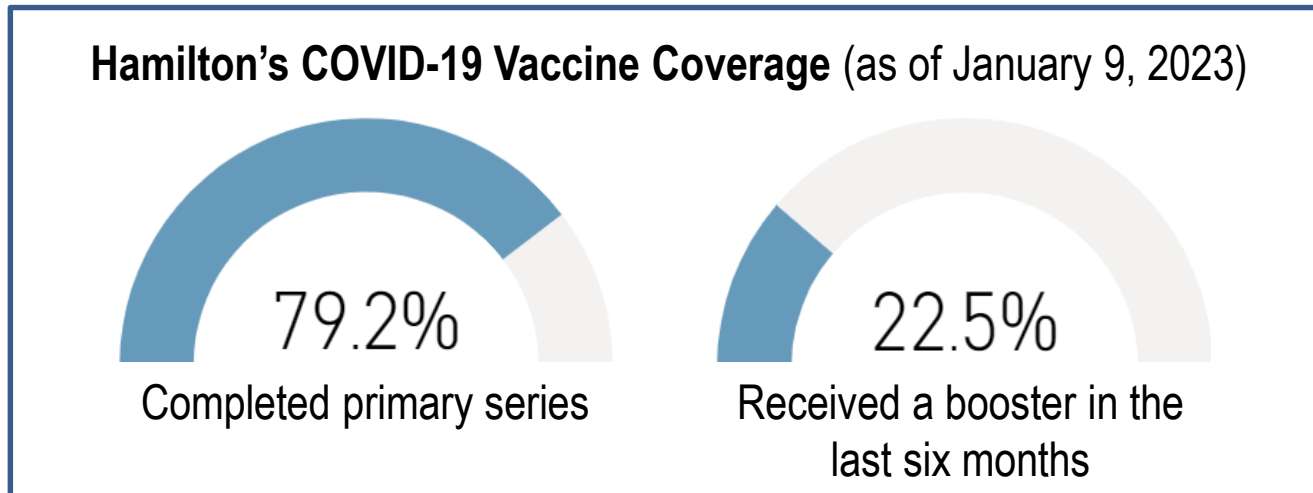
- As the risk to Ontarians from respiratory viruses remains high, emphasizing a multilayer approach:
 - Stay up to date with your vaccinations including COVID-19 and influenza
 - Stay home if you feel unwell
 - Screen for respiratory symptoms daily
 - Masking in crowded indoor public settings
 - Always practice good hand hygiene and regularly clean surfaces – which is especially important for Respiratory Syncytial Virus (RSV) and flu viruses
- If you are at high risk and become ill, there are treatments available, including Paxlovid for COVID-19, Tamiflu for flu and Respiratory Syncytial Virus (RSV) prophylaxis for high-risk infants

VACCINE PROGRAM UPDATE

Vaccine Program Update – Data

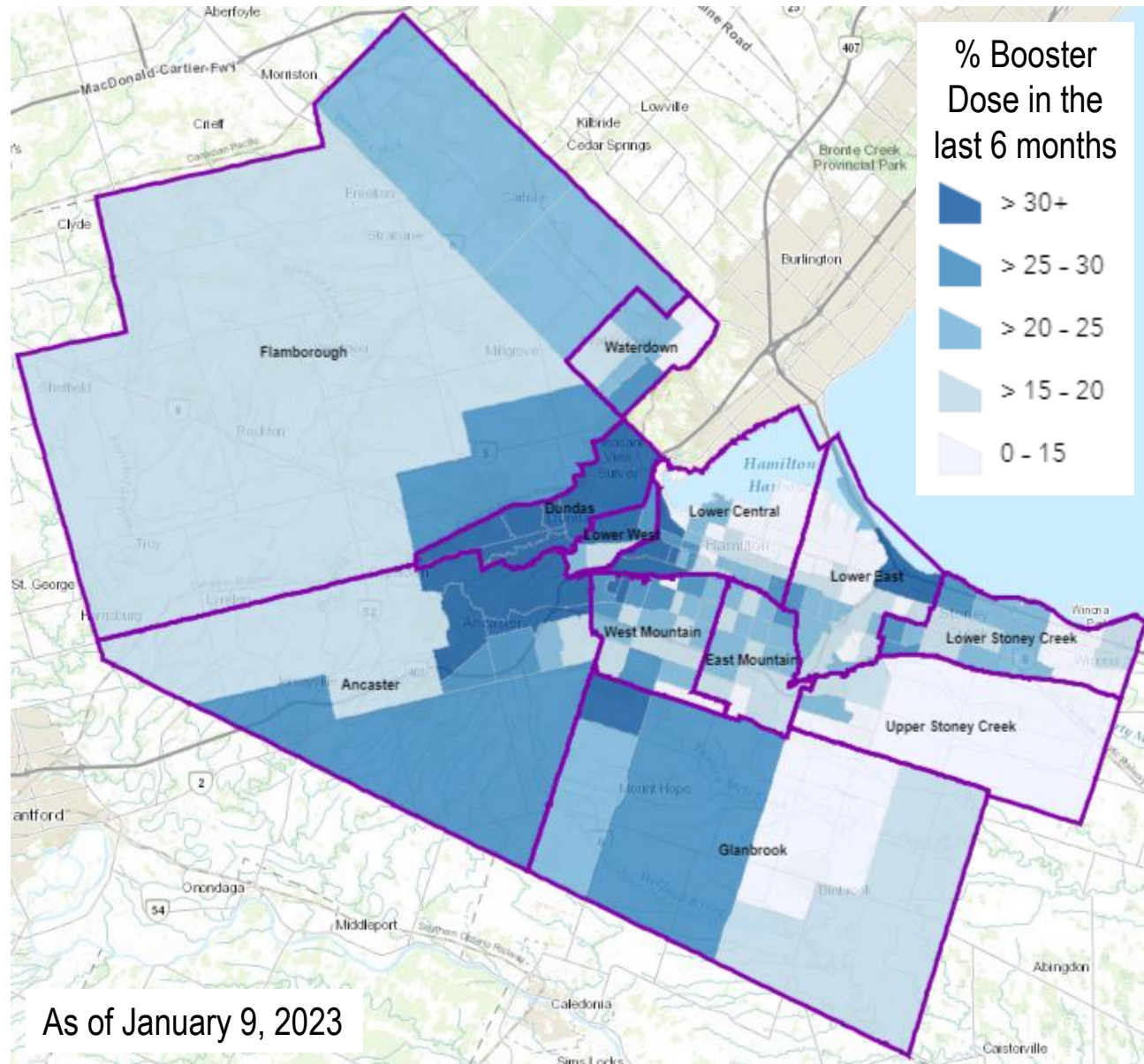
COVID-19 Vaccine Administered in Hamilton

- Administration has slowed in recent months, with approximately **3,000** doses administered in a recent week (January 3 to 9, 2023):
 - Most doses continue to be bivalent booster doses (**93%**)
 - Majority administered in pharmacy (**64%**)



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

COVID-19 Vaccine Coverage by Geography



Vaccine Program Update – Mobile Clinics

- Two mobile clinics running five days/week
- Focused on Forward Sortation Area (FSA) at highest risk – lower vaccine coverage, higher concentration of racialized population and high material deprivation
- Mobile clinics for Jan 2023 include clinics in areas of highest risk – L8N, L8L, L8H, L8E and L8M, adjacent Forward Sortation Areas and other areas with low vaccination coverage
- Assessment of high risk areas and vaccination coverage is ongoing and mobile clinic sites will continue to be updated based on on-going assessment

Vaccine Program Update - Operations

- Flu vaccine is being offered at mobile clinics on a walk-in basis for anyone ages 6+ months for the month of January 2023
- NEW COVID-19 bivalent booster now available for ages 5-11years
- Continue:
 - Promotion of COVID-19 and Flu vaccine access via pharmacy and primary care sources
 - Vaccine Ambassador work to promote COVID-19 vaccine and begin work with promotion of COVID-19 catch-up of routine vaccinations

Key Messages

- Hamiltonians are recommended to take protective measures to reduce serious health consequences this respiratory virus season:
 - Get the flu shot and stay up-to-date with your vaccines including completion of primary COVID-19 vaccine series and/or seasonal COVID-19 booster (booster in last 6 months)
 - Stay home when you are ill
 - Strongly recommend wearing a mask when in crowded indoor settings and/or when unable to distance
 - Speak to your healthcare provider, know in advance if you're eligible for treatment and where to access



Hamilton

QUESTIONS?