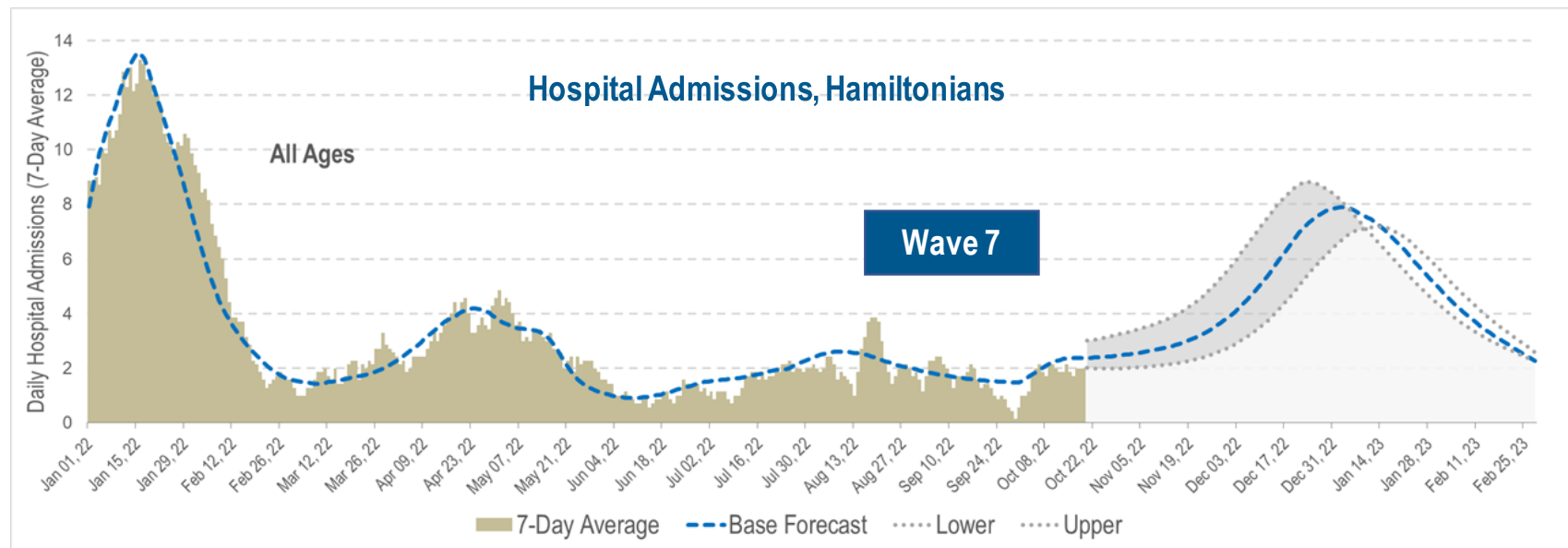


# Scarsin COVID-19 Forecasting Update for Hamilton

## Scarsin COVID-19 Forecasting Update – Hamilton October 26, 2022 to February 28, 2023

### Key Messages:

- The COVID-19 forecast from October 26, 2022, to February 28, 2023, predicts an increase in hospital admissions of Hamiltonians in late November, later than previously forecast, which will peak at about eight admissions in late December, and decline through to February 2023, while staying above the current level.
- This forecast now includes the fall roll out of bivalent vaccines to those aged twelve and older, adapted for BA.4 and BA.5 Omicron subvariants.
- About 596 new hospital admissions of Hamiltonians are predicted from October 26, 2022, to February 28, 2023.
- Hospital admissions by age group are predicted to be about 5% in those aged 0-19, 21% in those 20-59, 45% in those 60-79, and 29% in those 80 years and older. These proportions have not changed since the last forecast.



Data Source: Scarsin Decision Support System retrieved Oct 24, 2022

### Technical Notes:

- Hamilton's COVID-19 forecast from October 26, 2022, to February 28, 2023 was updated to include case, hospital, death, vaccination, and workplace mobility data as of Friday, October 21, 2022. The current forecast accounts for current and anticipated vaccination, including the roll out of bivalent vaccines to those twelve and older adapted for the BA.4 and BA.5 Omicron subvariants. It also includes the increased variant mix of the more transmissible BA.5 Omicron sub-variant but assumes no new, more evasive COVID-19 subvariants. It accommodates a decrease in the length of time Hamiltonians are protected from infection through vaccination or infection immunity to 100 days. Masking is set at 15% in all settings through to March 1, 2023.
- There are different ways the wave may progress and will be influenced by the transmission levels in the next two weeks. The range of possibilities is shown using the upper and lower boundaries (the grey areas above and below the blue trend line).