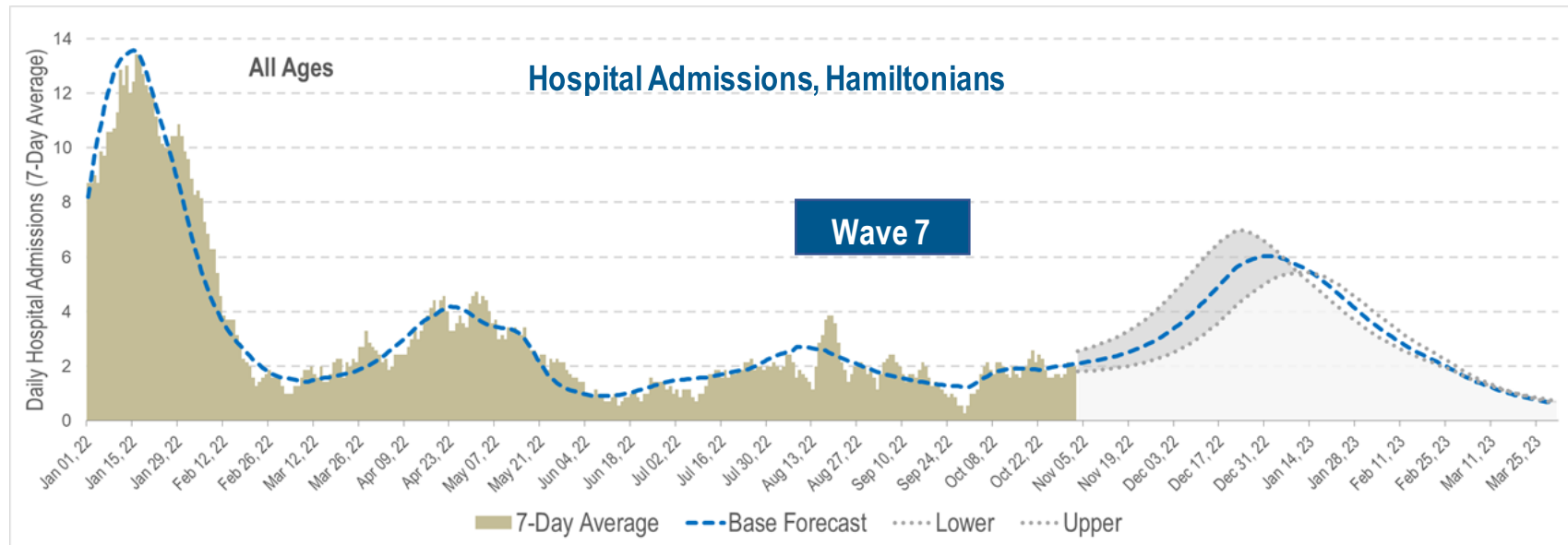


Scarsin COVID-19 Forecasting Update for Hamilton

Scarsin COVID-19 Forecasting Update – Hamilton November 9, 2022 to March 31, 2023

Key Messages:

- The COVID-19 forecast from November 9, to March 31, 2023, predicts an increase in hospital admissions of Hamiltonians in late November, later than previously forecast, which will peak at about six admissions in late December/ early January (lower than previously forecast), and decline through March 2023.
- This forecast now includes the fall roll out of bivalent vaccines to those aged twelve and older, adapted for Omicron subvariants (i.e., BA.1 or BA.4/5)
- About 476 new hospital admissions of Hamiltonians are predicted from November 9, 2022, to March 31, 2023. Hospital admissions by age group are predicted to be about 8% in those aged 0-19, 25% in those 20-59, 40% in those 60-79, and 26% in those 80 years and older.
- The forecast predicts about 92 deaths with about 36% in those aged 60-79 years and 60% in those 80 and older (not shown).



Data Source: Scarsin Decision Support System retrieved Nov 7, 2022

Technical Notes:

- Hamilton's COVID-19 forecast from November 9, to March 31, 2023, was updated to include case, hospital, death, vaccination, and workplace mobility data as of Friday, November 4, 2022. The current forecast accounts for current and anticipated vaccination, including the roll out of bivalent vaccines to those twelve and older adapted for 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 31, 2023.
- There are different ways the wave may progress and will be influenced by the transmission levels and vaccination uptake. The range of possibilities is shown using the upper and lower boundaries (the grey areas above and below the blue trend line).