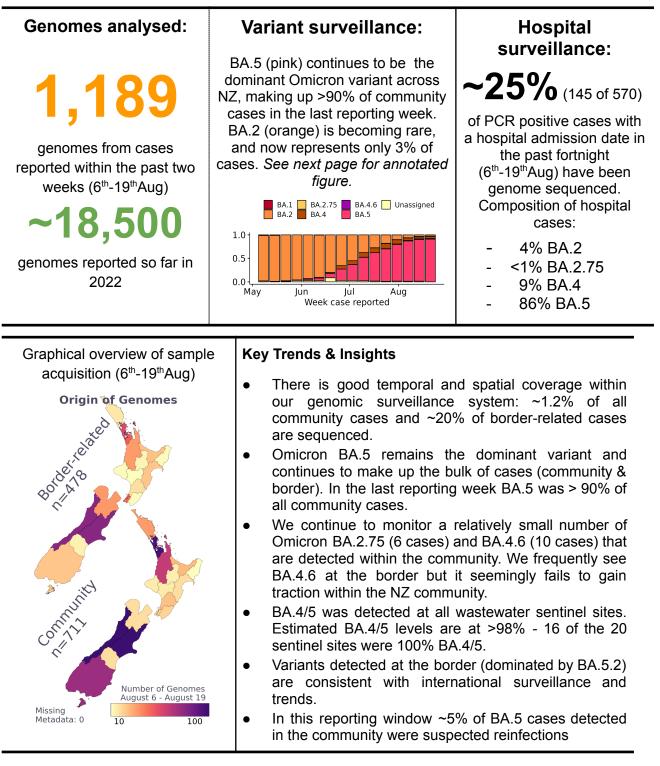
25th August 2022

COVID-19 Genomics Insights Dashboard (CGID) #21

The COVID-19 genomics insights dashboard (CGID) provides a public and high-level overview of viral genomic surveillance across Aotearoa. It aims to explain how whole genome sequencing (WGS) complements other epidemiological data to support public health decision making. As SARS-CoV-2, the virus that causes COVID-19, continues to adapt, mutate, and spread, the CGID reports trends and insights gained by our WGS surveillance programme here in Aotearoa, New Zealand and abroad.

Summary Infographics & Insights:



The CGID report is produced 'at pace' by ESR in collaboration with Massey University, University of Auckland and University of Otago. Data & insights are subject to change and correction.

Top: Frequency of SARS-CoV-2 variants in the New Zealand community each week (for the past 16 weeks) as determined by whole genome sequencing. Data is subject to change as samples may still be added to the most recent two-week period. [The category 'unassigned' is typically where a partial genome has been recovered and a definitive assignment to a variant is not possible.] **Bottom:** The Omicron variant 'Infection history' of Aotearoa New Zealand. Indicative percentage of SARS-CoV-2 variants and estimated number of cases for all major Omicron subvariants (see embedded table) across the country in 2022. The proportion of each variant is overlaid on the cumulative 2022 community case numbers as reported by MoH. Note; biases in samples referred for genomic sequencing and case underreporting will be reflected in these projections, accordingly they should be regarded as indicative

