## 18<sup>th</sup> August 2022

## COVID-19 Genomics Insights Dashboard (CGID) #20

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:

Number of Genomes

July 30 - August 12

100

10



prior).

reinfections (i.e. a registered case >28 days

Missing Metadata: 0

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:** In collaboration with <u>Wilderlab</u>, ESR generated SARS-CoV-2 variant data from a set of 21 nationwide sentinel sites in Week 32: ending 14th August. Note: (i) The level of precision and sensitivity in the percentage estimates can be uncertain. (ii) The 'Auckland Combined' site is missing this week.



