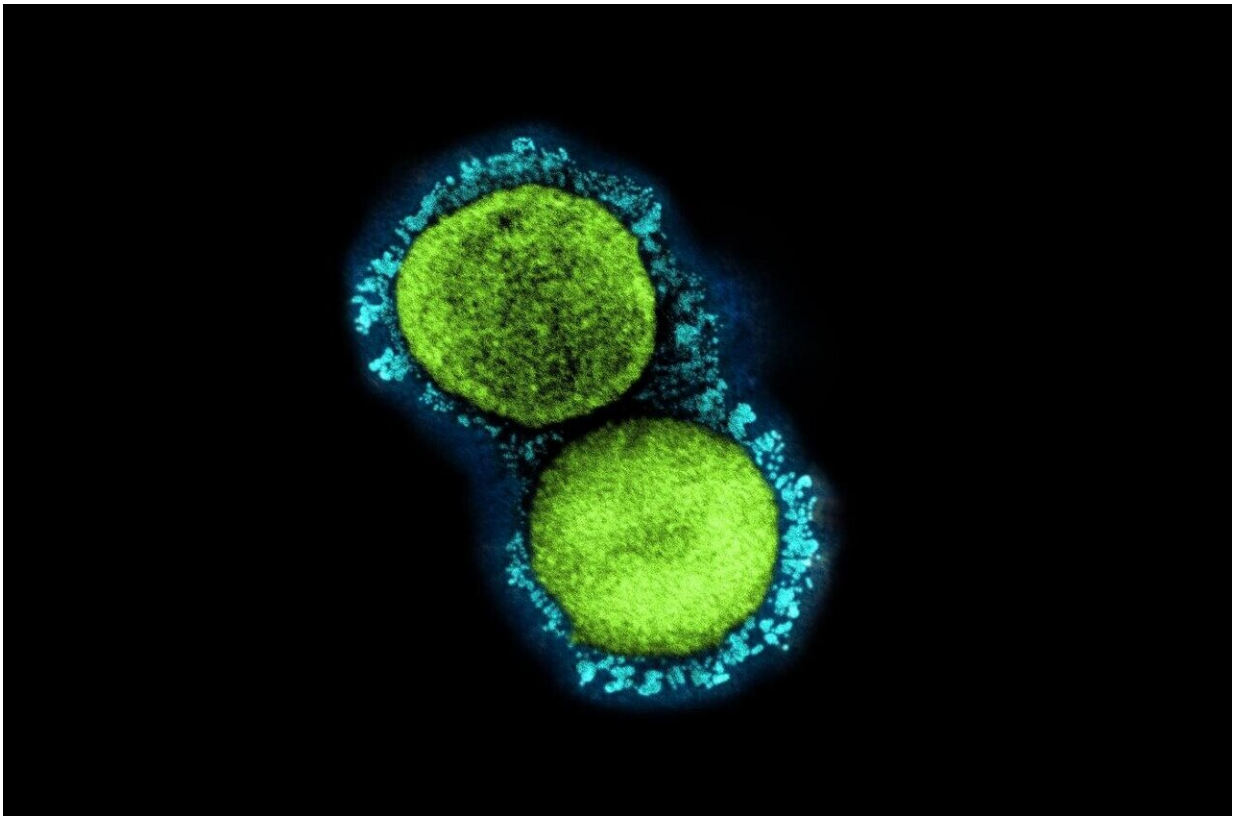


New Zealand says it has solved Covid outbreak 'puzzle'

August 19 2021



A transmission electron micrograph of SARS-CoV-2 virus particles (UK B.1.1.7 variant), isolated from a patient sample and cultivated in cell culture. Credit: NIAID

New Zealand reported a breakthrough Thursday in tracing the source of a COVID-19 outbreak that plunged the nation into lockdown, with

Prime Minister Jacinda Ardern saying it should help "stamp out" the virus.

Health officials have been trying to determine how an Auckland man contracted the coronavirus this week, ending a six-month run of no community cases in New Zealand.

Tests showed the man had a version of the Delta strain found in Australia, and Ardern said investigations narrowed down the origin to a person who arrived from Sydney on August 7.

She said the traveller had been in quarantine and hospital since touching down, indicating the virus had not been in the community as long as initially feared.

"We believe we have uncovered the piece of the puzzle we were looking for," Ardern told reporters.

She said finding the outbreak's source also increased the "ability to circle the virus, lock it down and stamp it out".

Case numbers grew by 11 overnight to a total of 21, she said.

Ardern ordered a three-day national lockdown—New Zealand's first in 15 months—when the first case emerged on Tuesday, with Auckland and nearby Coromandel facing restrictions for a week.

"We're all prepared for cases to get worse before they get better, that's always the pattern in these outbreaks," she said.

But she said there were grounds for cautious optimism "because we believe it wasn't here for long before it was found".

The infected traveller arrived from Sydney on a so-called "red zone" flight, arranged to bring back New Zealanders stranded when Wellington suspended a trans-Tasman travel bubble due to multiple outbreaks in Australia.

The person tested positive two days later and was hospitalised a week after that.

Officials said it was still unclear how the virus spread into the community and 1,000 close contacts of positive cases were being assessed.

A decision is due Friday on whether the three-day lockdown will be extended or end by Saturday.

'COVID zero' strategy

New Zealand has adopted a policy of eliminating the virus in the community, rather than containing it, which has resulted in only 26 deaths in a population of five million.

Neighbouring Australia has been pursuing a similar "COVID zero" strategy, but is struggling to contain outbreaks of the Delta variant.

Health authorities on Thursday urged mass COVID testing for an entire Outback town in far western New South Wales, where an outbreak that began in Sydney two months ago is spreading.

The area is grappling with Australia's first significant [outbreak](#) in Aboriginal communities, with specialist military health teams deployed this week to boost sluggish vaccination efforts.

Early in the pandemic, Wilcannia's roughly 750 residents put up signs on

the town's limits asking travellers not to stop—fearing the [virus](#) could obliterate an already vulnerable community, where more than 60 percent identify as Indigenous.

© 2021 AFP

Citation: New Zealand says it has solved Covid outbreak 'puzzle' (2021, August 19) retrieved 20 April 2024 from <https://medicalxpress.com/news/2021-08-zealand-covid-outbreak-puzzle.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.