





# Summary of COVID-19 Disease Indicators

For the reporting period 9 to 22 April 2021

Report date: 27/04/2021

## Key:

-  Performance above target
-  Performance improved or the same compared to the previous reporting period
-  Performance below target
-  Performance lower compared to the previous reporting period

## Summary of community cases

Number of cases for this reporting period and cumulative number of cases since 11 August 2020.

Reporting period	Cumulative
2	226

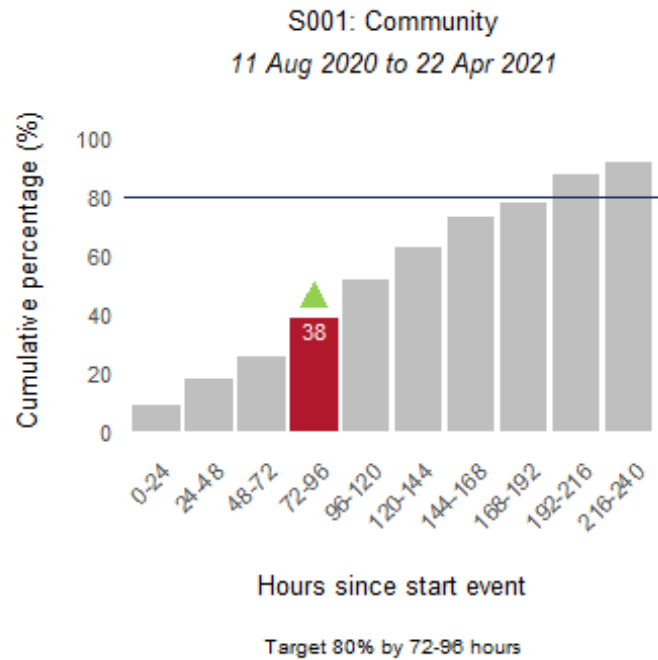
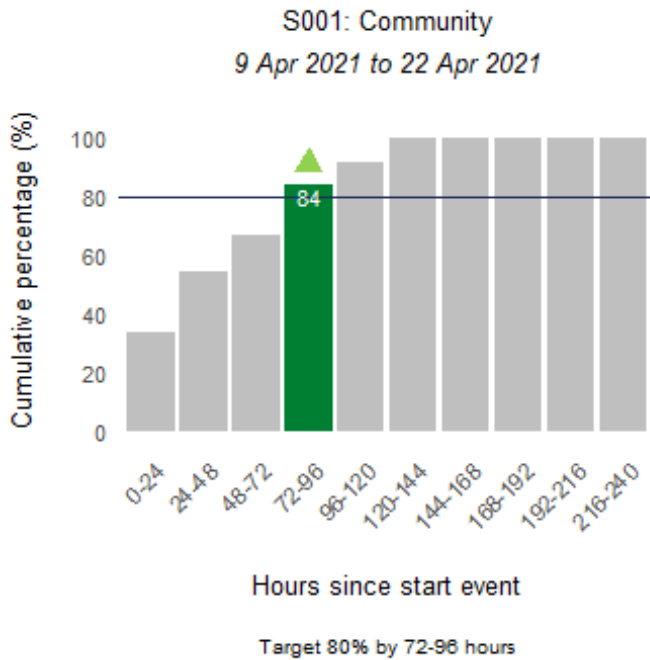
This reporting period includes Case C in the March Auckland MIQF cluster and Case A in the April Auckland Airport cluster, and the close contacts associated with both cases.

During this reporting period, a number of close contacts were identified several days following the initial case investigation and exposure event identification. This has contributed to lower performance against the **S003**, **P002** and **P004** metrics during this period. While these indicators are below target, **P001** and **P003** show that once a case or contact has been identified, the case investigation and contact tracing system performance is above target, at 100 percent and 98 percent, respectively, for this reporting period.

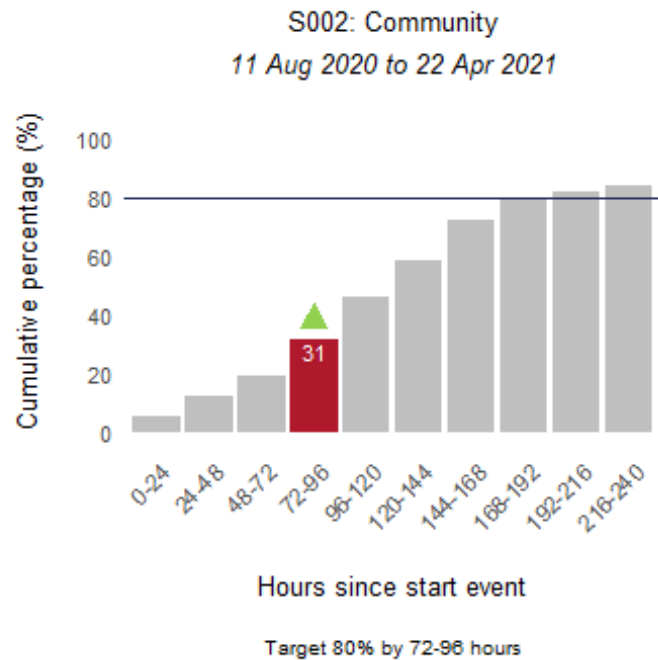
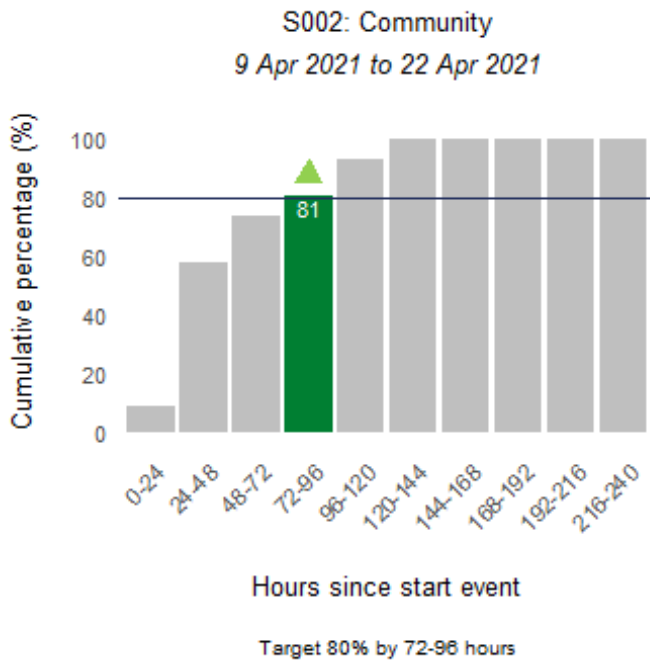
# System level indicators

These indicators provide a view of the end-to-end collective actions of the wider health system response (indicators are prefixed with an S#).

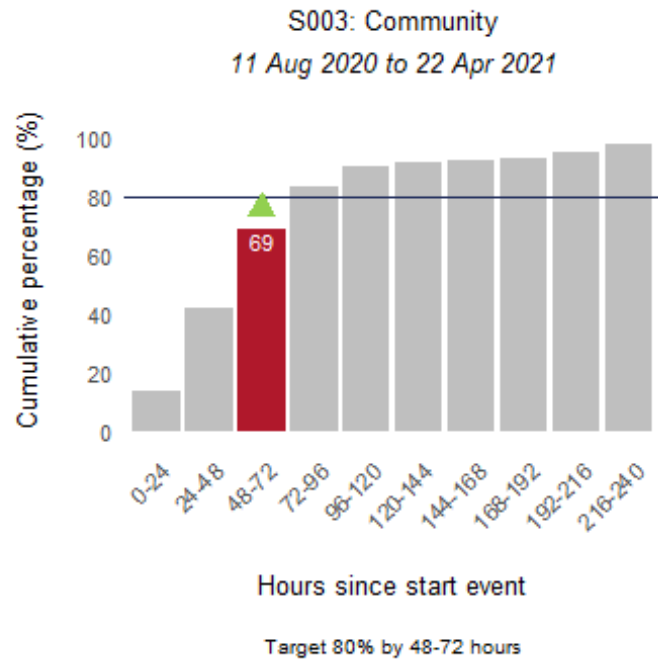
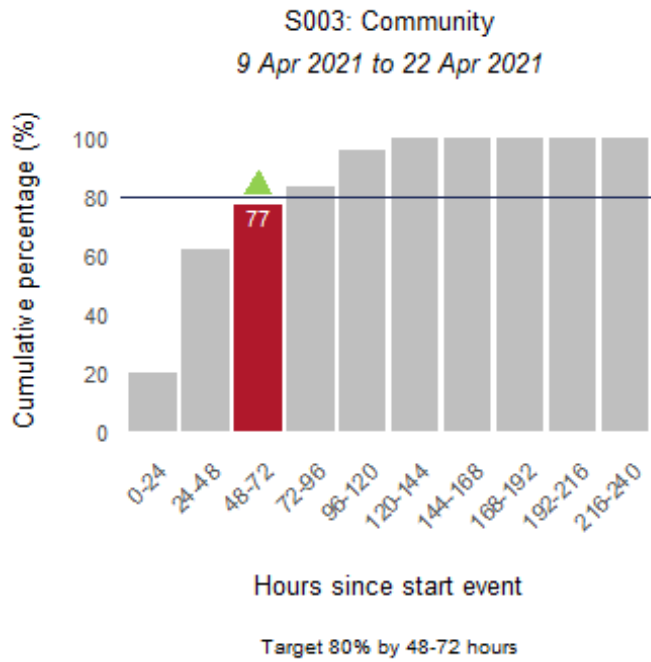
## S001 - Time from exposure to contact isolation / quarantine



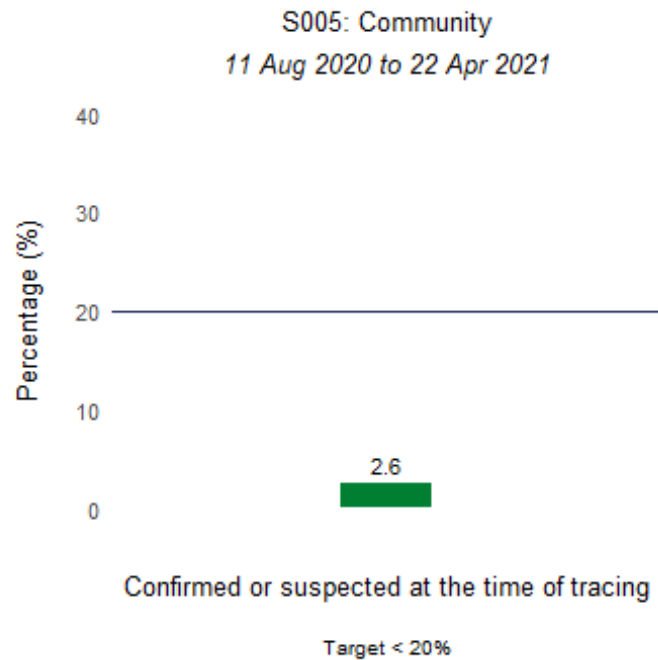
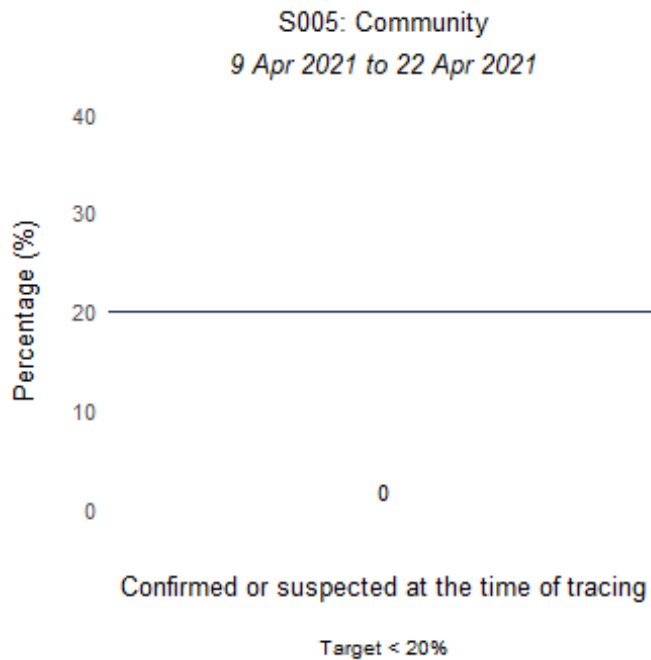
## S002 - Time from case first symptom to contact isolation / quarantine



### S003 - Time from test sample taken to close contact isolation / quarantine



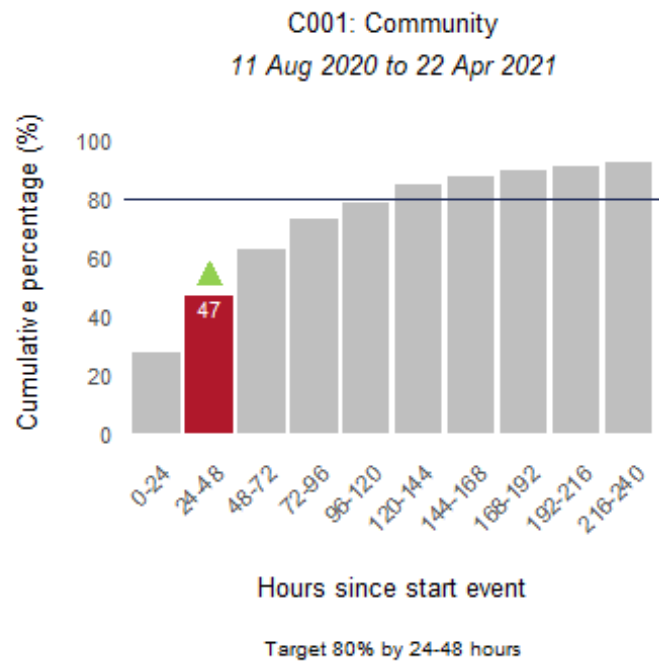
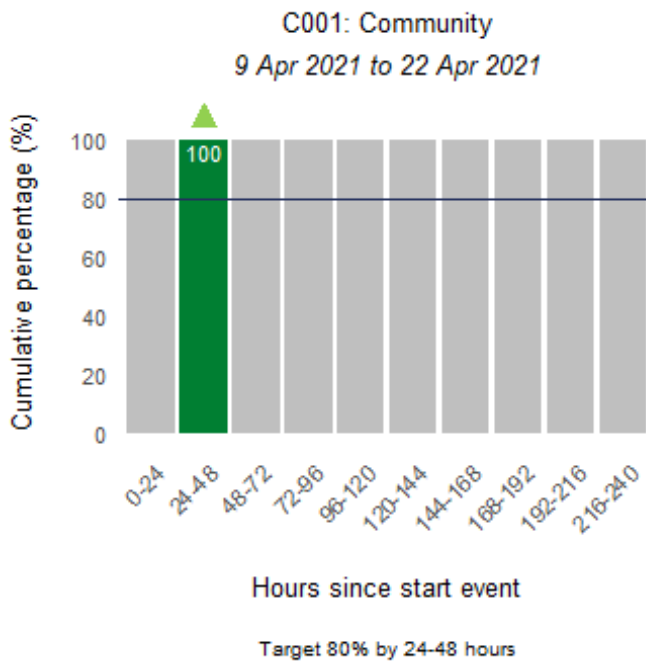
### S005 - Proportion of close contacts with confirmed or suspected COVID-19 at the time of tracing



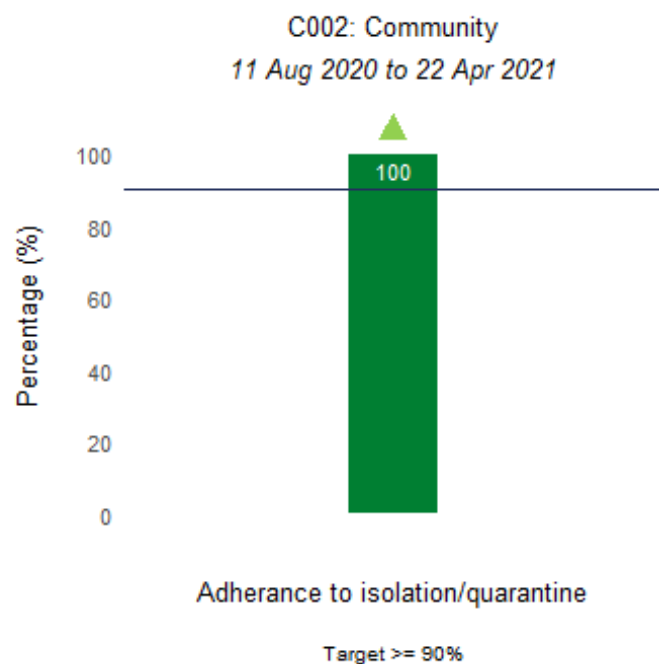
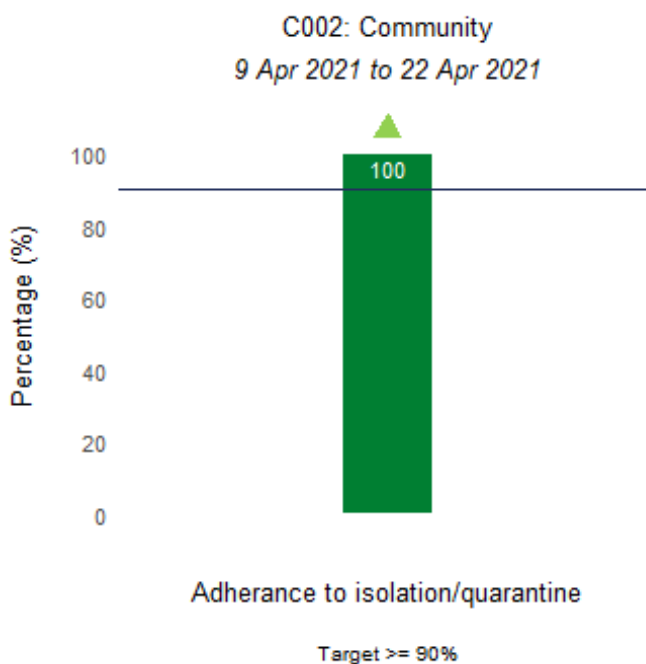
## Community-level indicators

These indicators focus on community behaviours and the impact of communication, education and societal attitudes (indicators are prefixed with a C#). For indicator **C001** the time period measured is from the symptom onset date as recorded in EpiSurv to the date/time the laboratory received the sample. The time between a sample taken and the receipt date/time of the sample at the laboratory, including transport time, will affect this indicator. Indicator **C002** reports on self-reported compliance at the end of a case or contact's journey. This indicator is flagged for review.

### C001 - Time from first symptom to test sample taken for positive cases



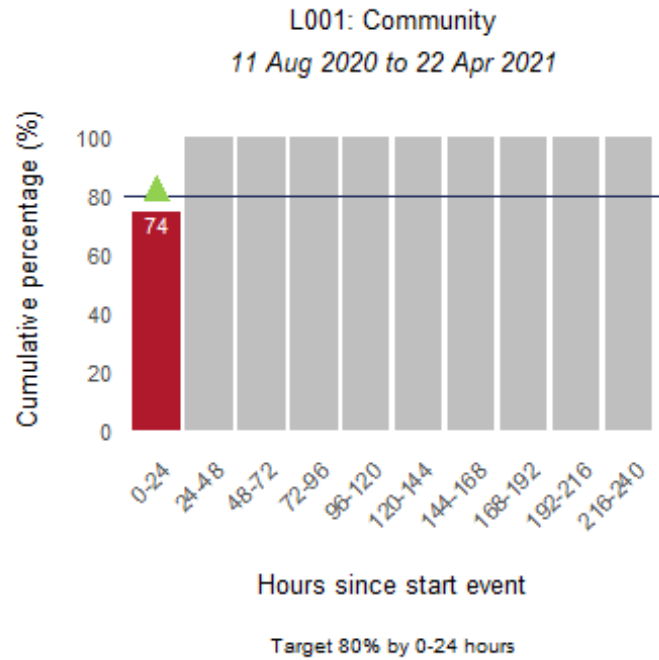
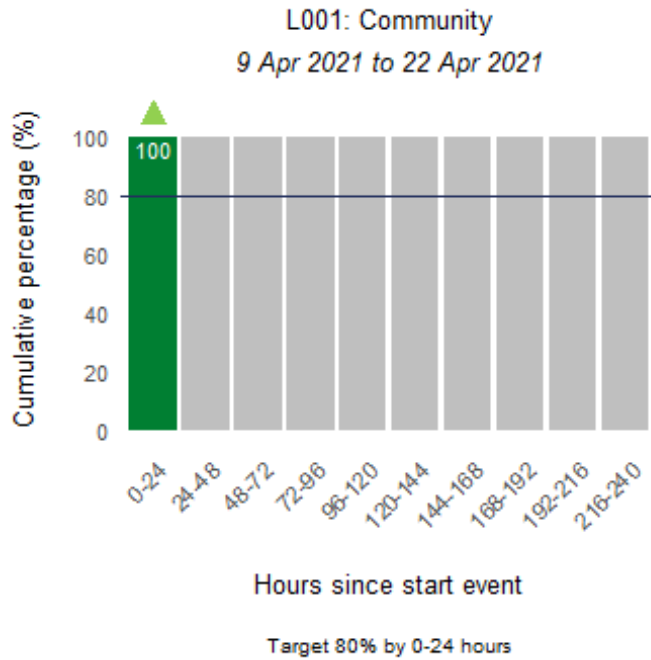
### C002 - Proportion of cases and contacts who adhere to isolation and quarantine



## Laboratory sector indicator

This indicator provides insight into the effectiveness of testing facilities and programmes (indicator is prefixed with an L#). The time period measured is from the time the laboratory received the sample to notification of a positive result in EpiSurv.

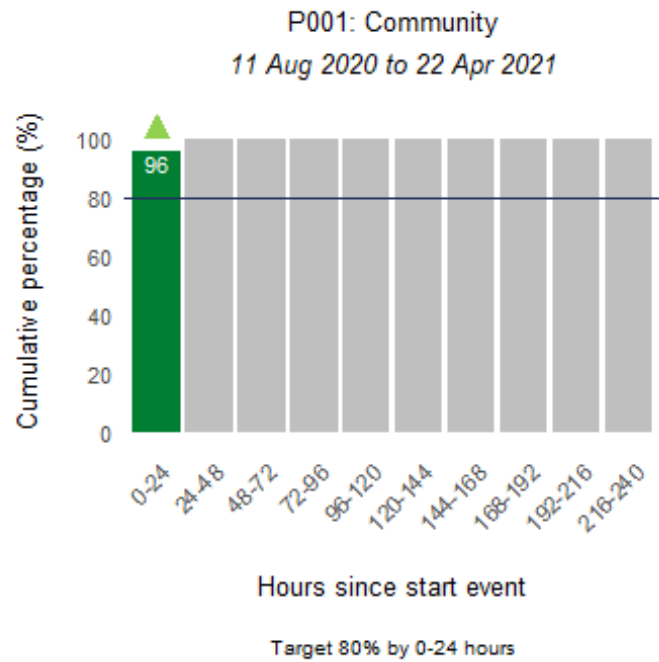
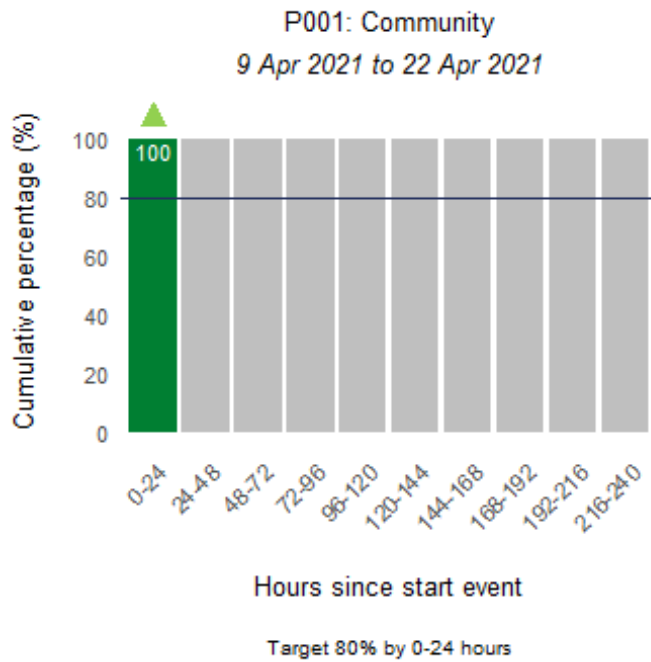
### L001 - Time from test sample taken to notification of positive result



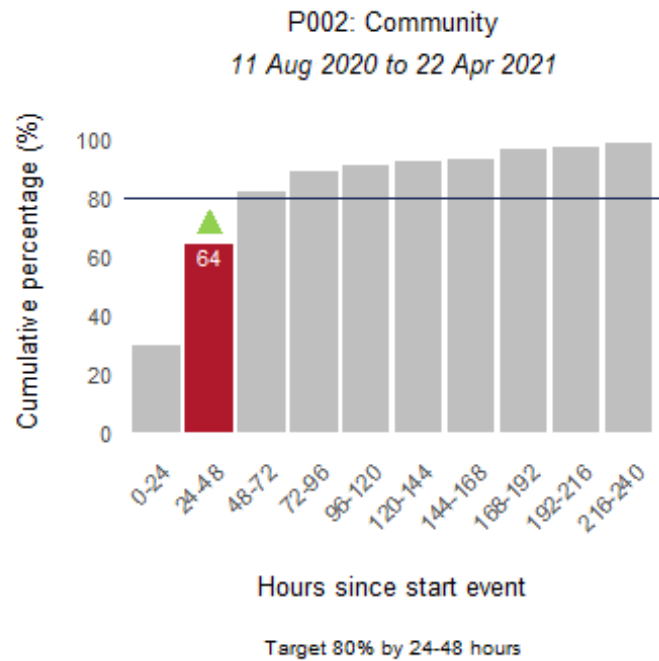
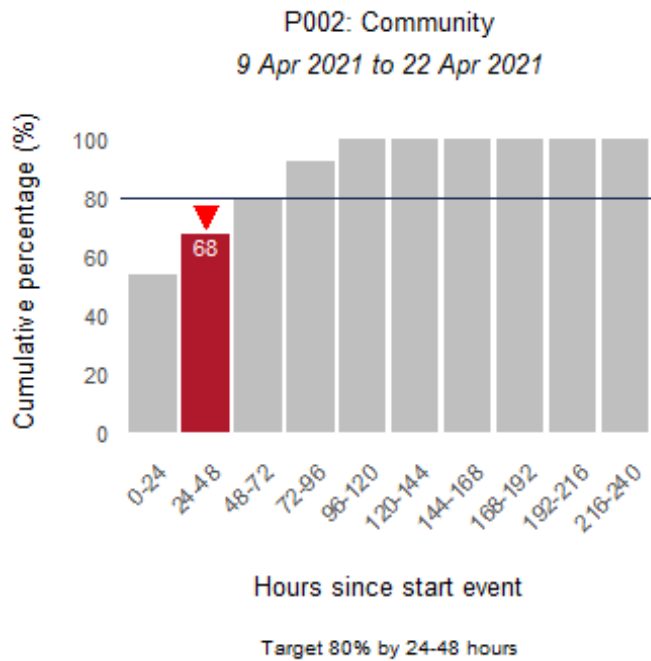
## Public health sector indicators

These indicators provide a national overview of contact tracing as well as case and close contact management by public health units (PHUs) and the National Investigation and Tracing Centre (indicators are prefixed with a P#). For this reporting period, the **P005** metric represents 263 successful follow-ups out of 267 scheduled calls.

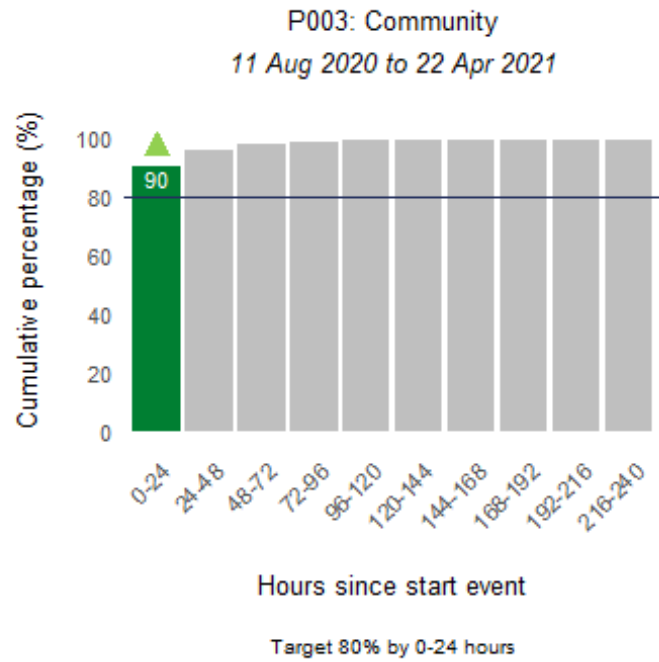
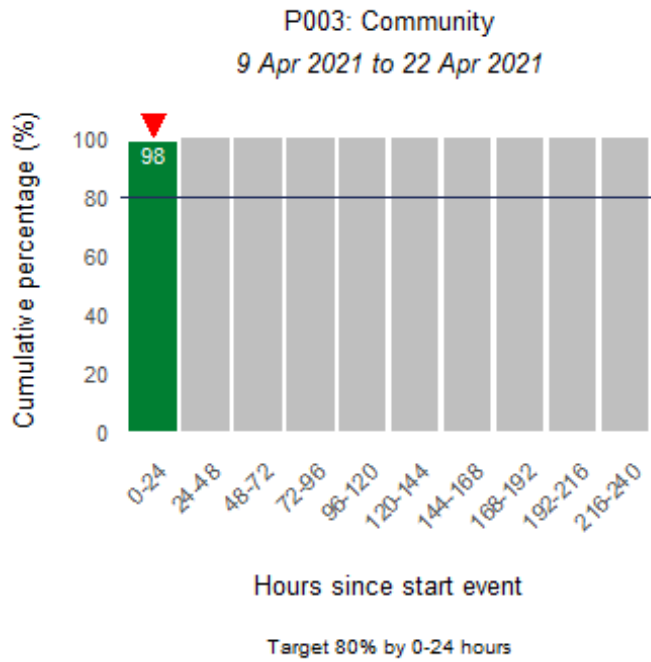
### P001 - Time from notification to case interview



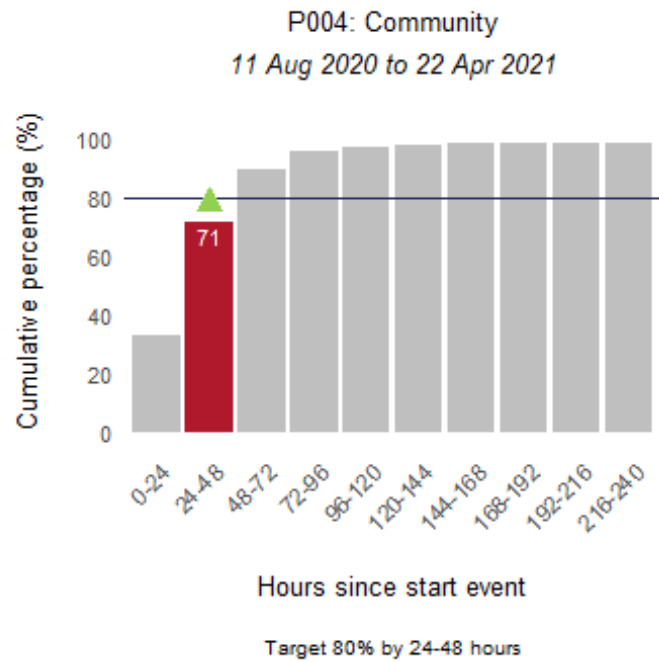
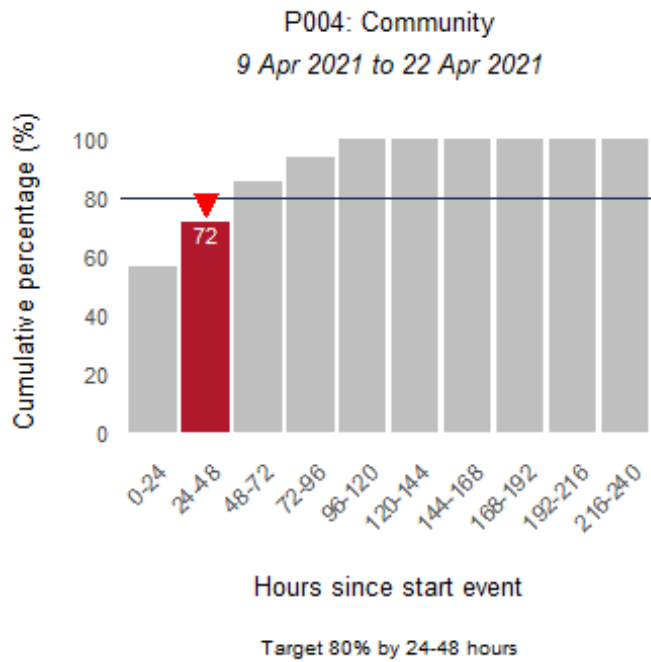
### P002 - Time from case notification to isolation / quarantine of contact



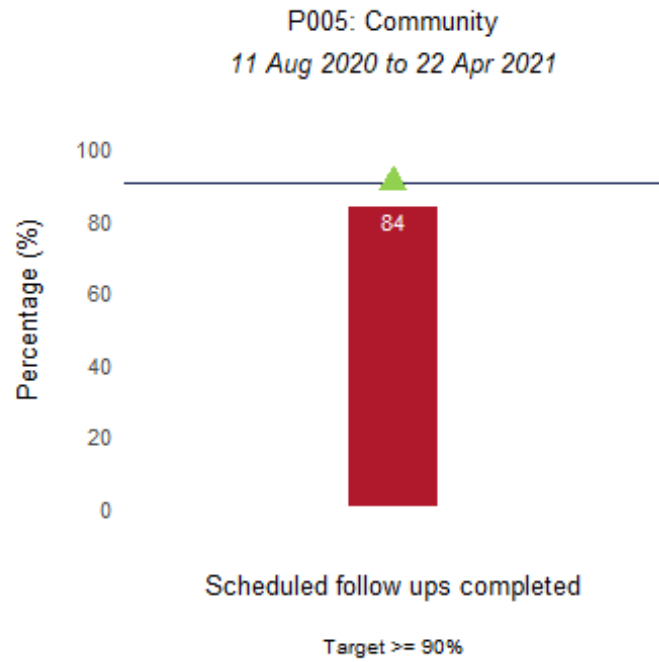
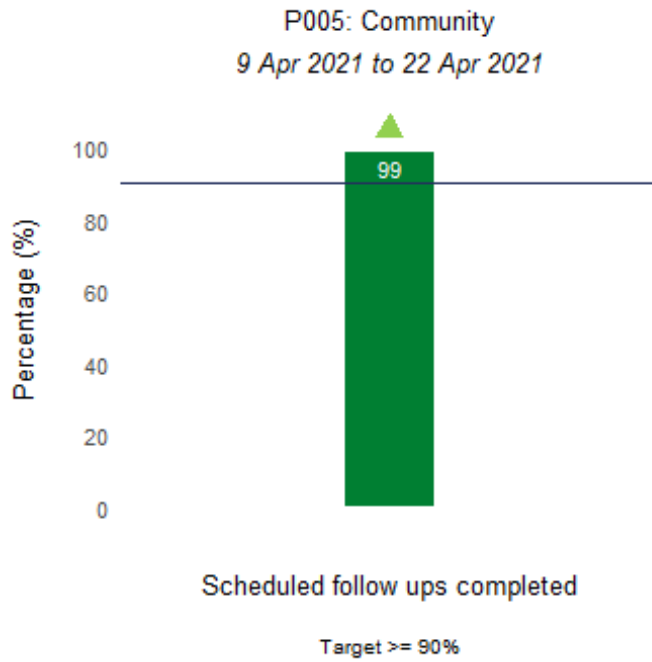
## P003 - Time from close contact identification to isolated / quarantined



## P004 - Proportion of contacts traced in 48 hours



## P005 - Regular monitoring and follow up of cases and contacts completed





## Appendix: Summary of MIQ border and international indicators

This section presents the indicators for Border Managed Isolation and Quarantine (MIQ) and International cases. Returnees' exposure is arbitrarily set to the day of arrival in New Zealand. They are placed into MIQ upon arrival and are tested on day 0/1 (except for returnees from excluded countries - Australia, Antarctica, and some Pacific Islands) and on approximately day 3 and day 12.

### Summary of MIQ border and international cases

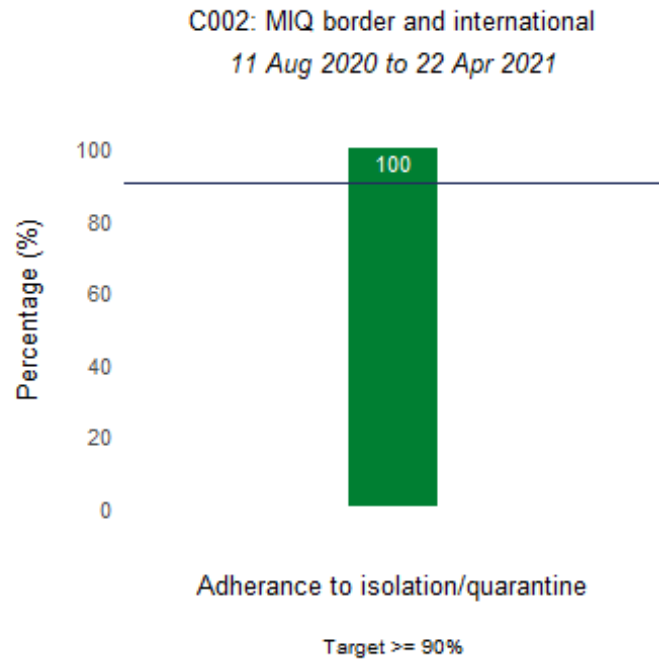
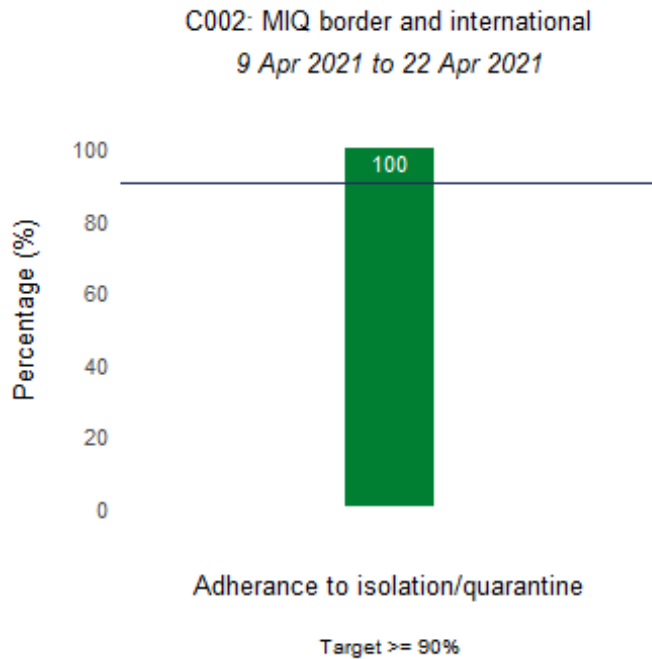
Number of cases for this reporting period and cumulative number of cases since 11 August 2020.

Reporting period	Cumulative
37	773

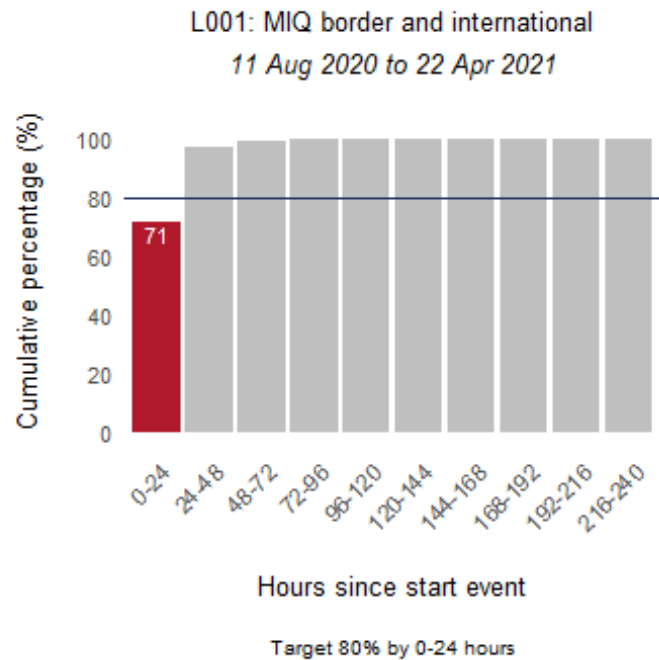
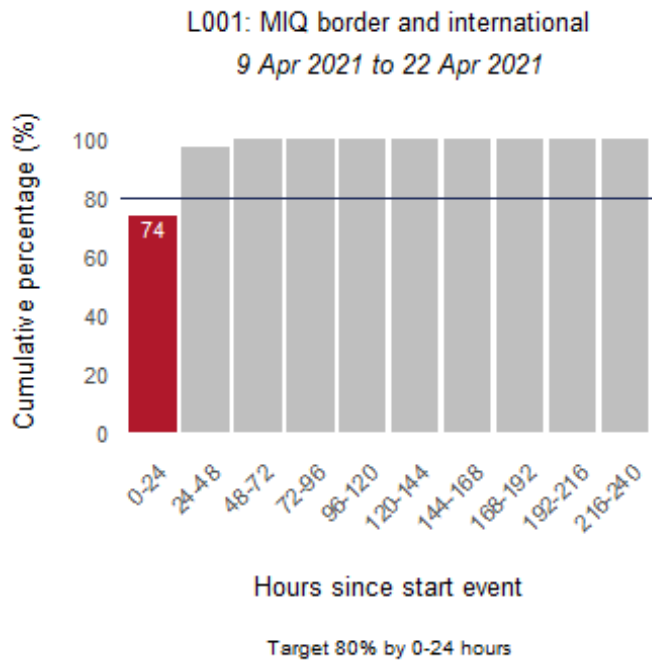
### S005 - Proportion of close contacts with confirmed or suspected COVID-19 at the time of tracing



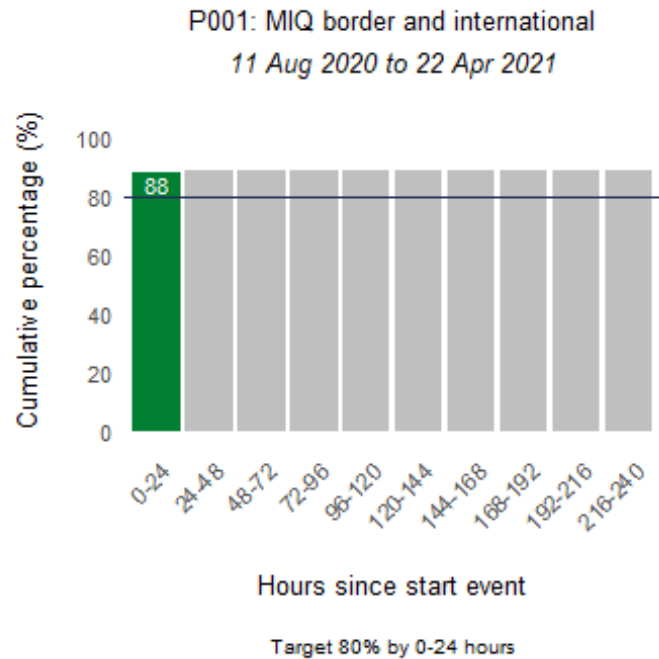
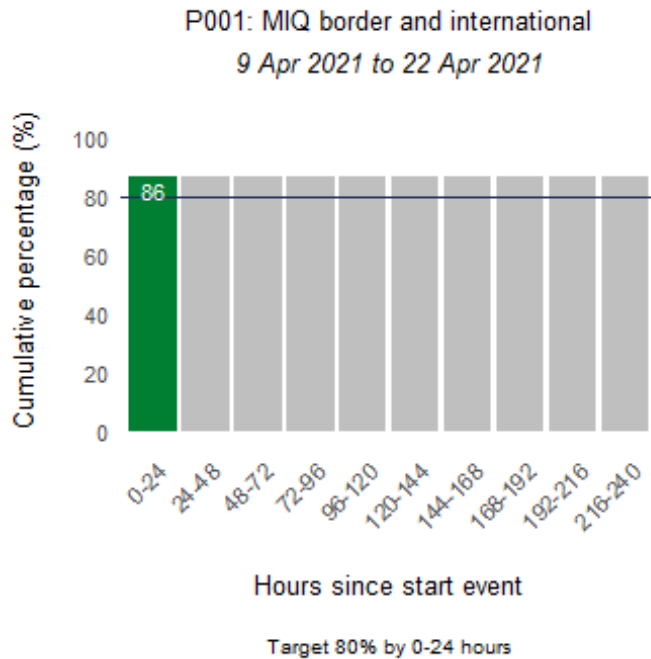
## C002 - Proportion of cases and contacts who adhere to isolation and quarantine



## L001 - Time from test sample taken to notification of positive result



## P001 - Time from notification to case interview



## P004 - Proportion of contacts traced in 48 hours

