





Summary of COVID-19 Disease Indicators

For the reporting period 12 March to 25 March 2021

Report date: 31/03/2021

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
1	223

This reporting period includes Case A in the March Auckland MIQF cluster and their associated close contacts. As there was only one case during this period the metrics for indicators **C001**, **L001**, and **P001** have either 0 or 100 percent performance. The metrics for all other indicators are impacted by the low number of close contacts associated with this community case.

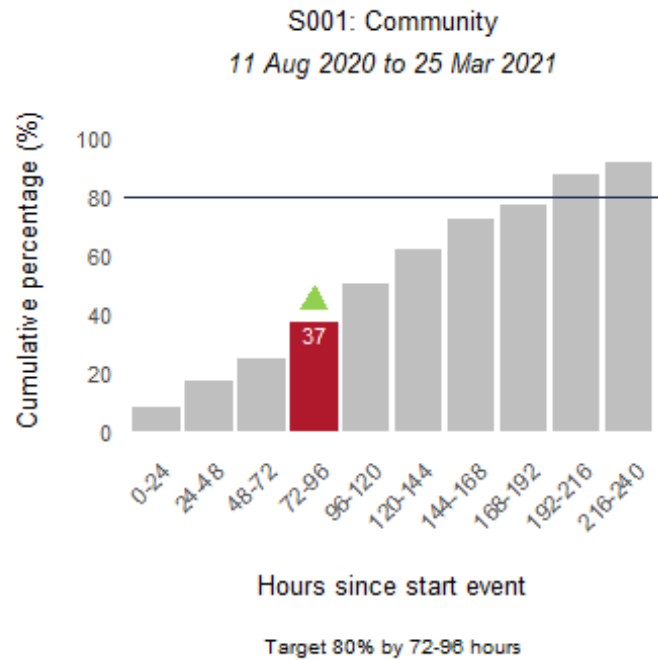
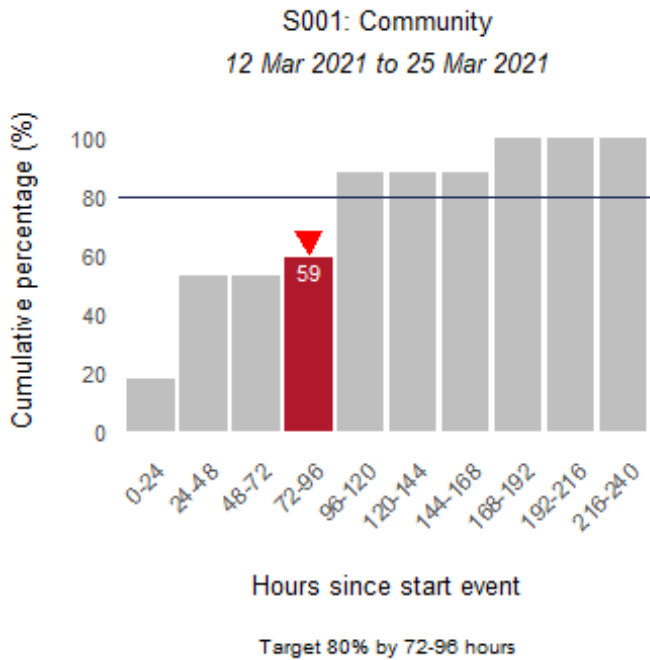
Indicators **S001**, **S002**, **C001** are low due to the delayed identification of cases following symptom onset. While **S001**, **S002**, **S003**, and **C001** are below target, **P001** shows that once a case has been identified the case investigation system performance is above target (80% by 0–24 hours) at 100 percent for this reporting period.

During this reporting period, several exposures and associated close contacts were identified several days following the initial case investigation. This has contributed to lower performance against the **S001**, **S002**, **S003**, and **P002** metrics during this period. However, indicator metrics **P003** (80% by 0–24 hours) and **P004** (80% by 24–28 hours) show that, once a contact has been identified, contact tracing system performance is above target for this reporting period.

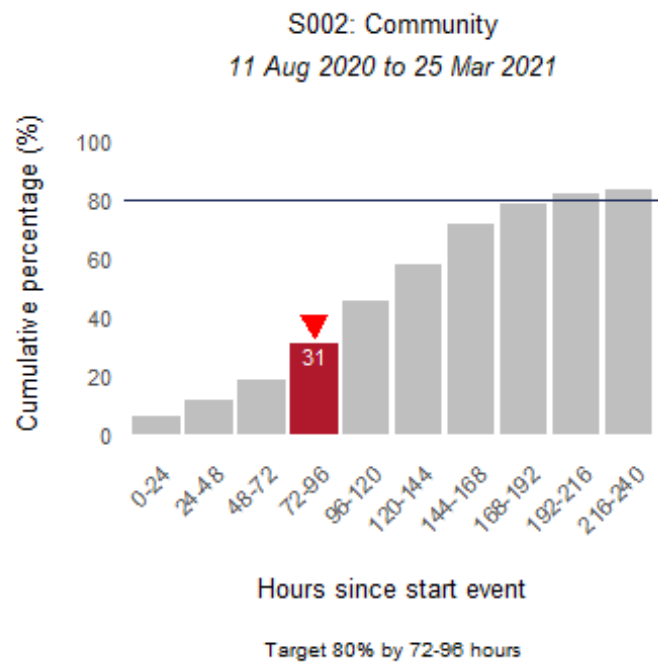
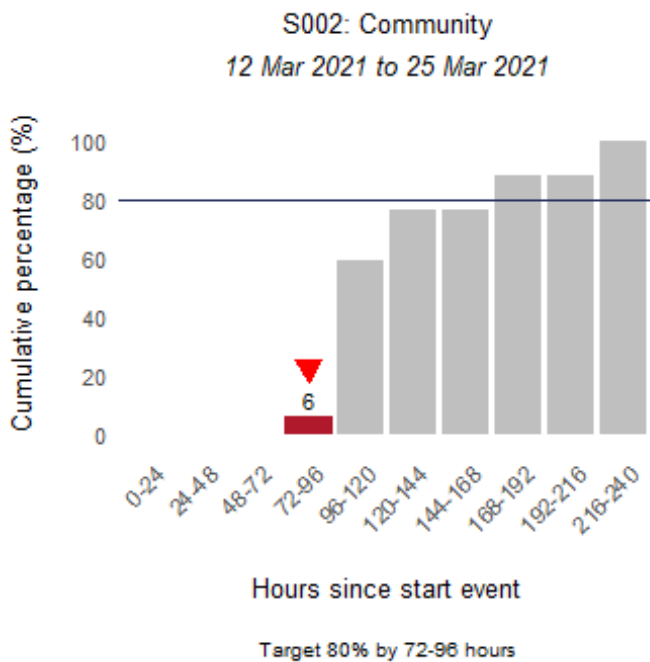
System level indicators

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

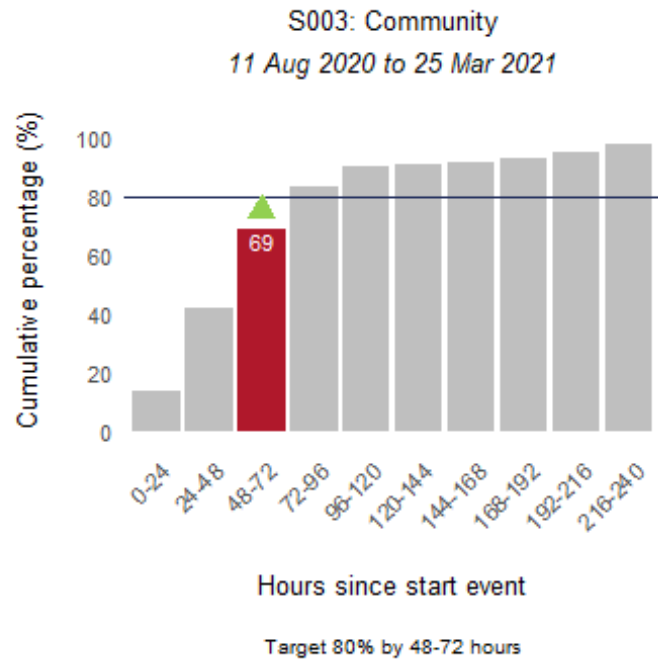
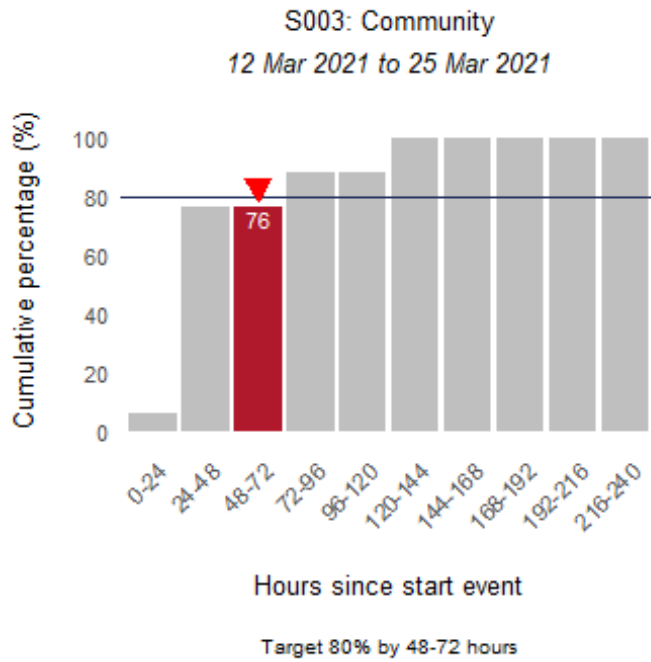
S001 - Time from exposure to contact isolation / quarantine



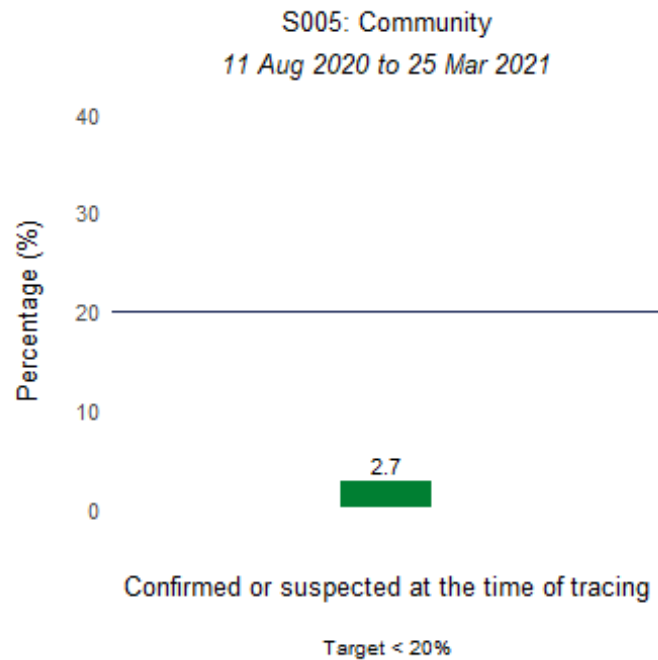
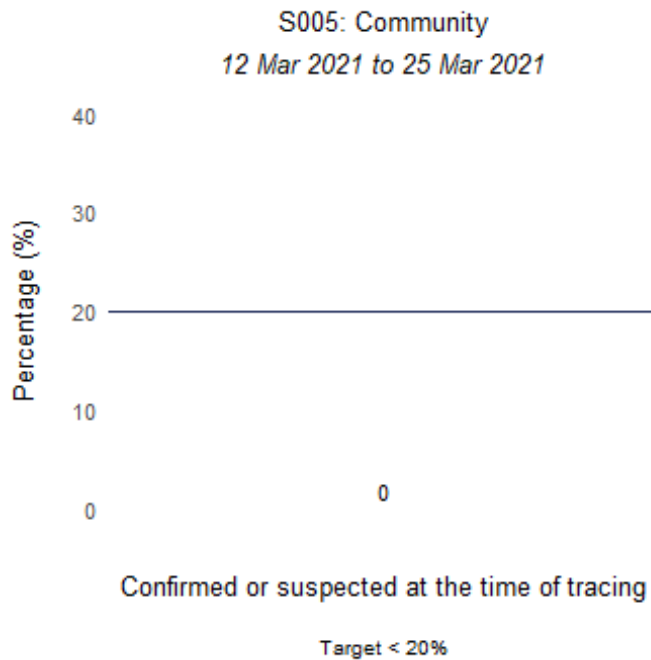
S002 - Time from case first symptom to contact isolation / quarantine



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



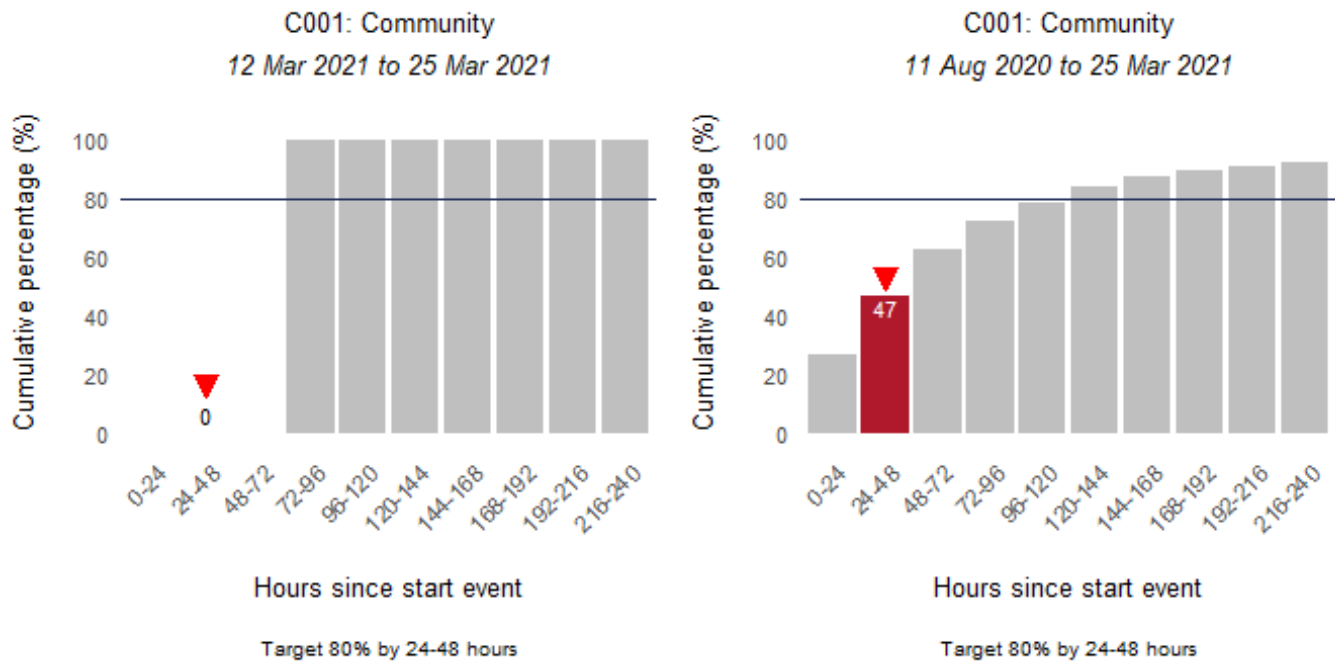
S005 - Proportion of close contacts with confirmed or suspected COVID-19 at the time of tracing



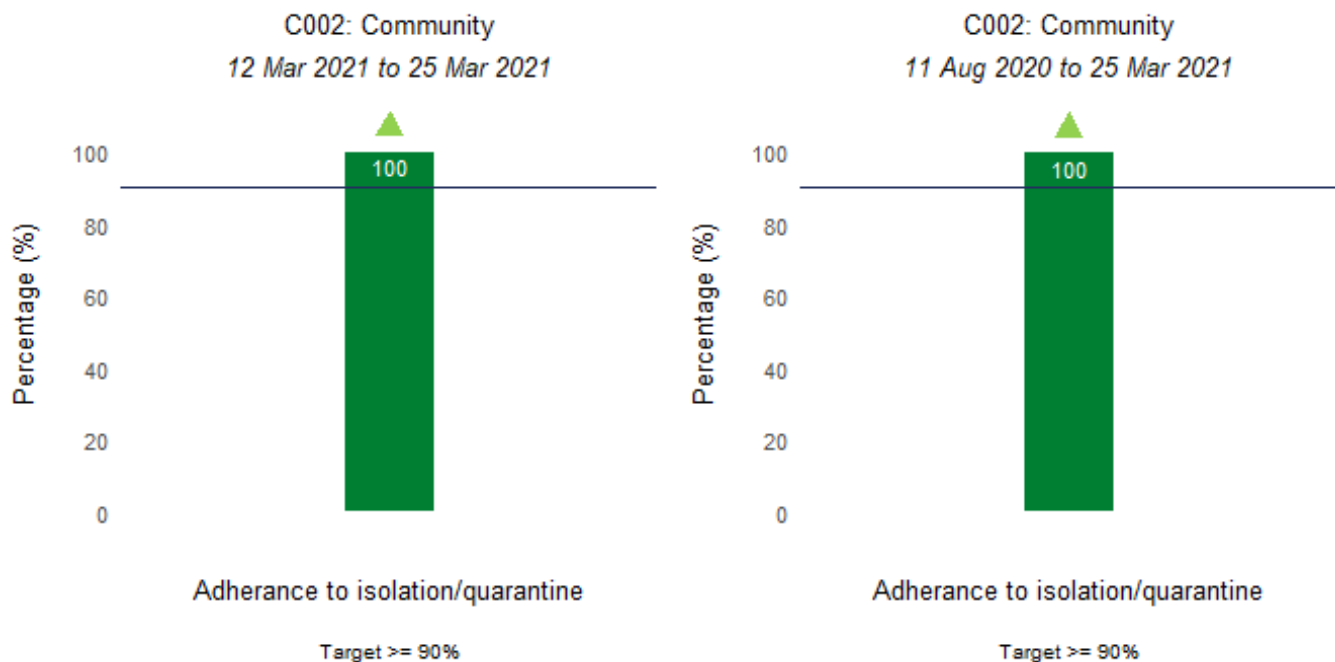
Community-level indicators

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



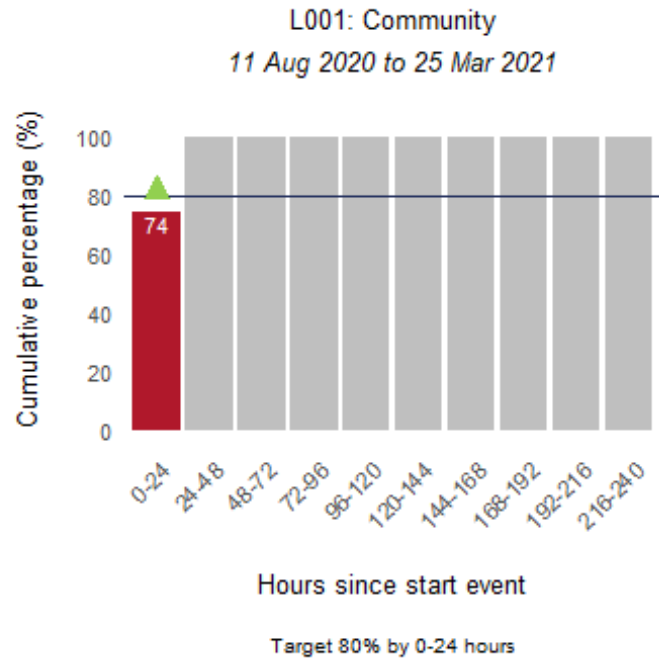
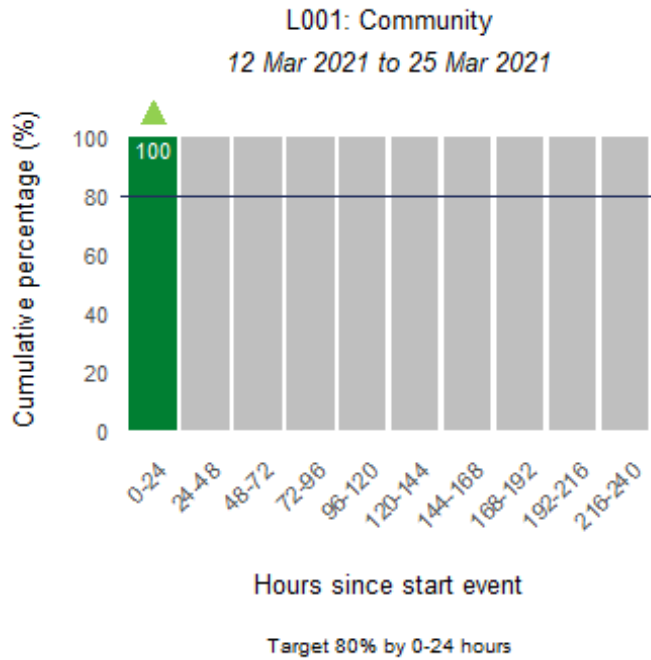
C002 - Proportion of cases and contacts who adhere to isolation and quarantine



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.

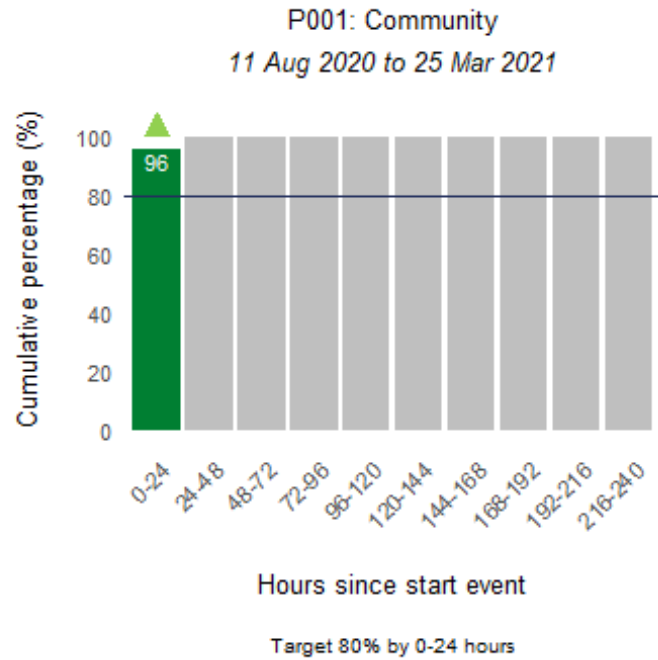
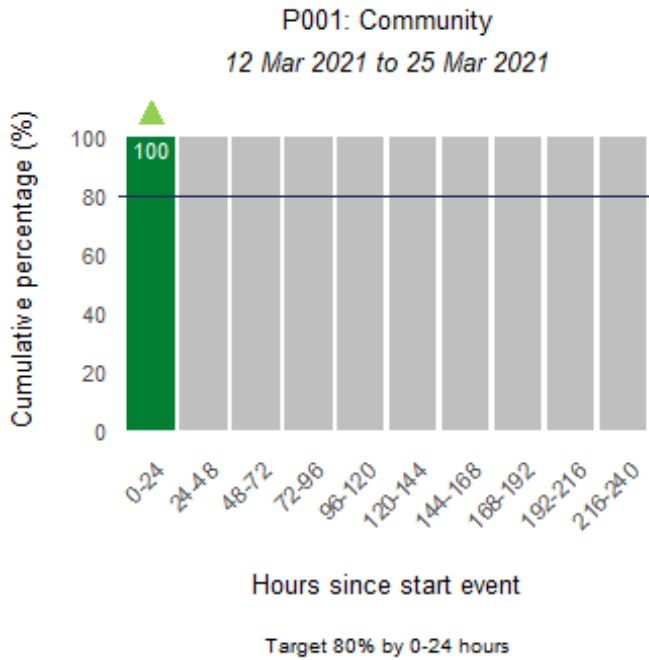
L001 - Time from test sample taken to notification of positive result



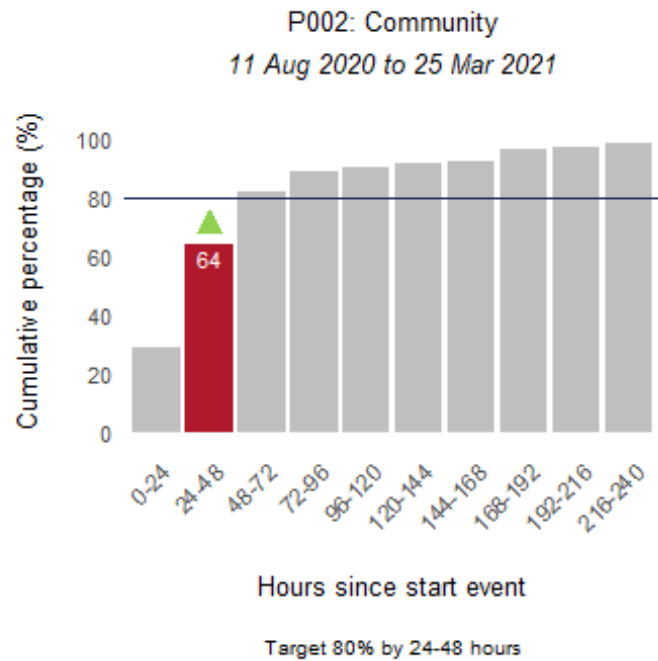
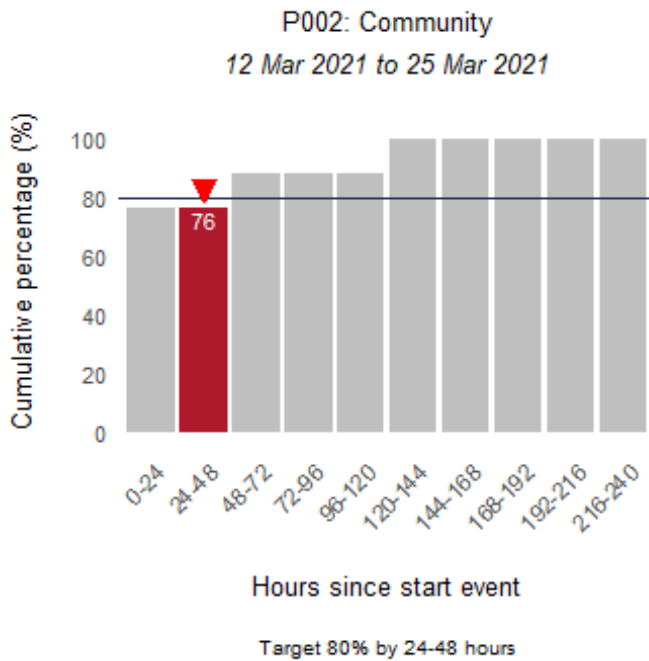
Public health sector indicators

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 #). For this reporting period, the **P005** metric represents 111 successful follow-ups out of 111 scheduled calls.

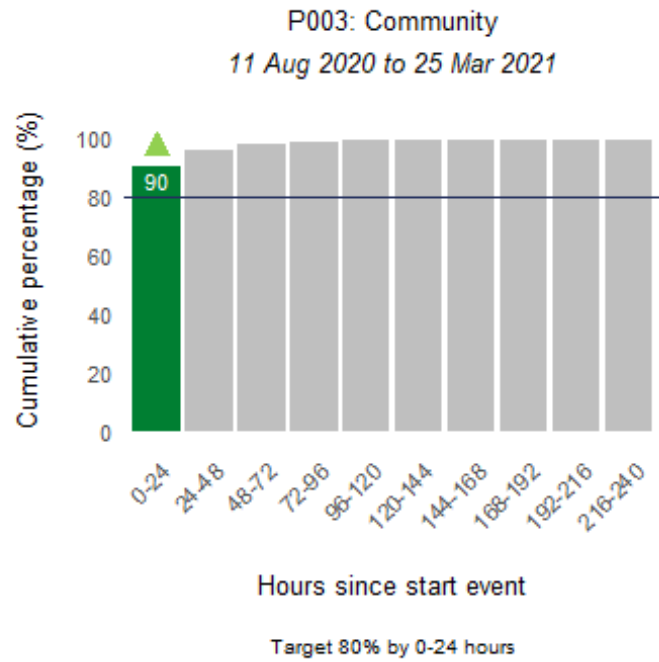
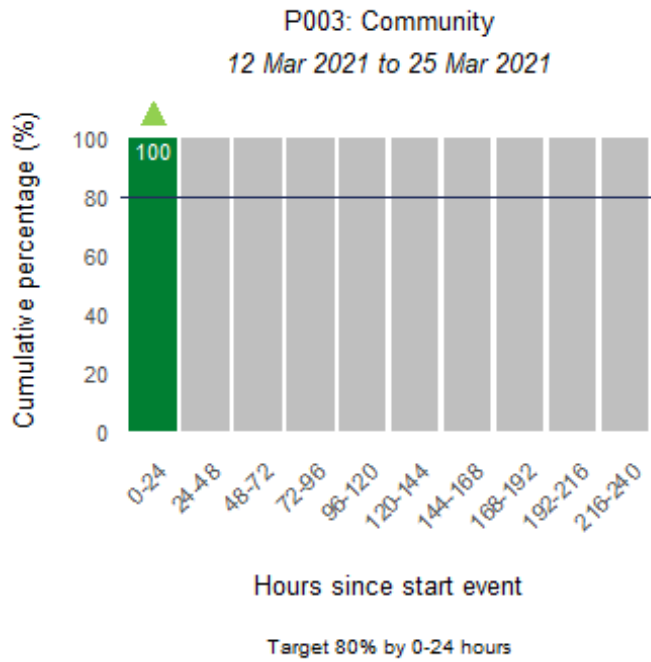
P001 - Time from notification to case interview



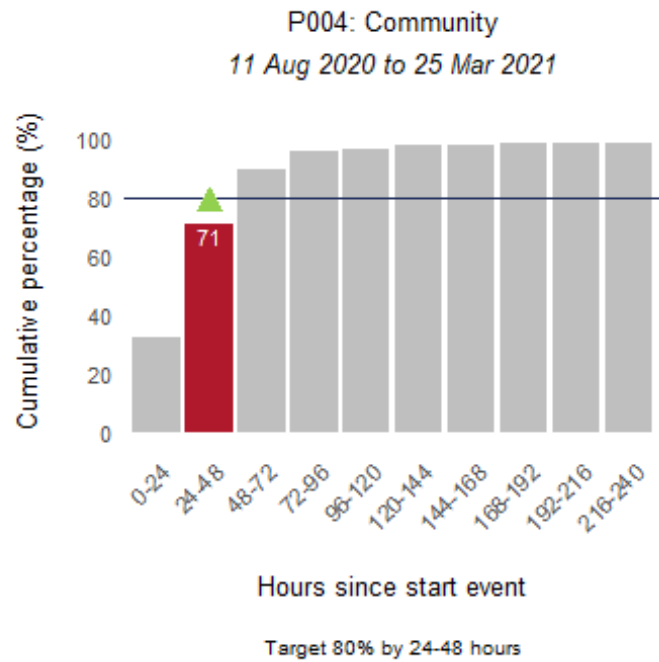
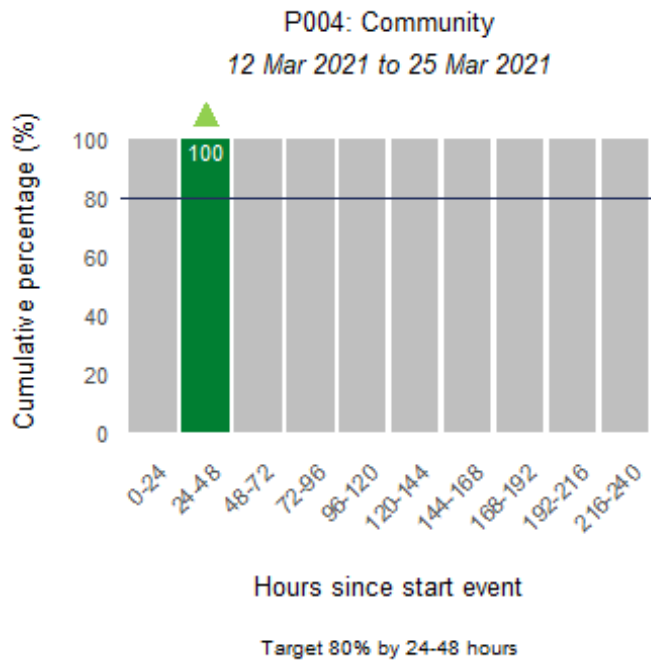
P002 - Time from case notification to isolation / quarantine of contact



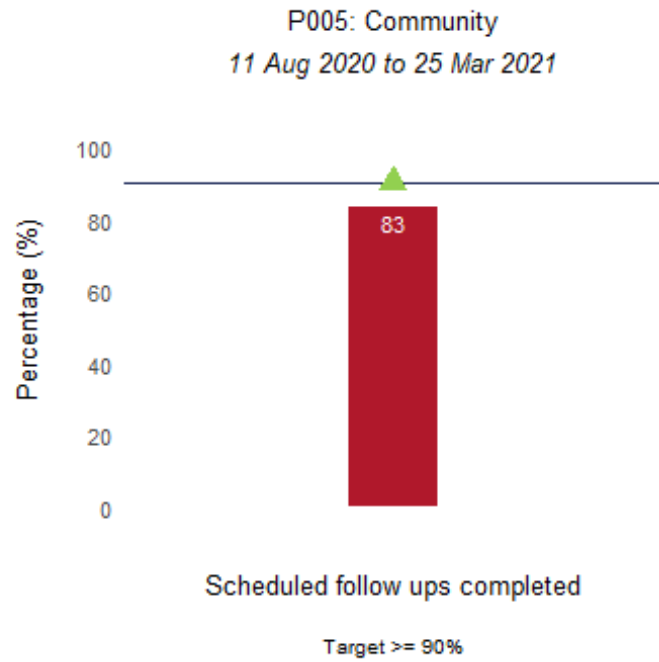
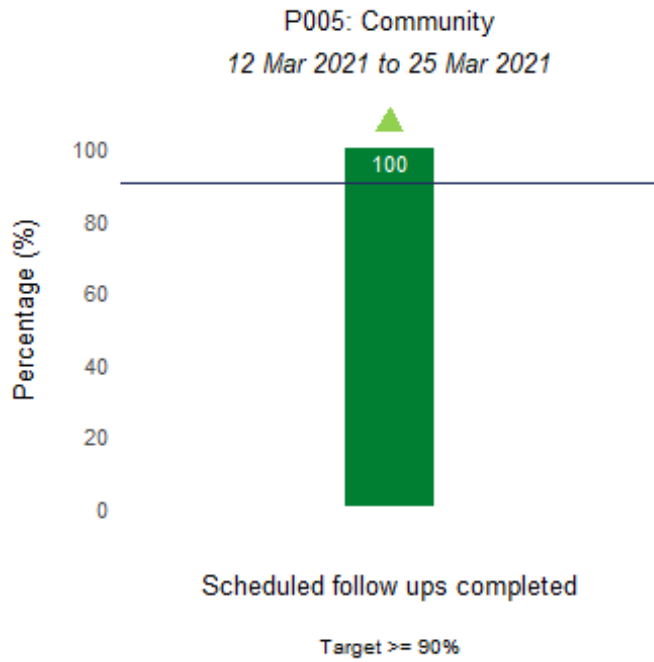
P003 - Time from close contact identification to isolated / quarantined



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

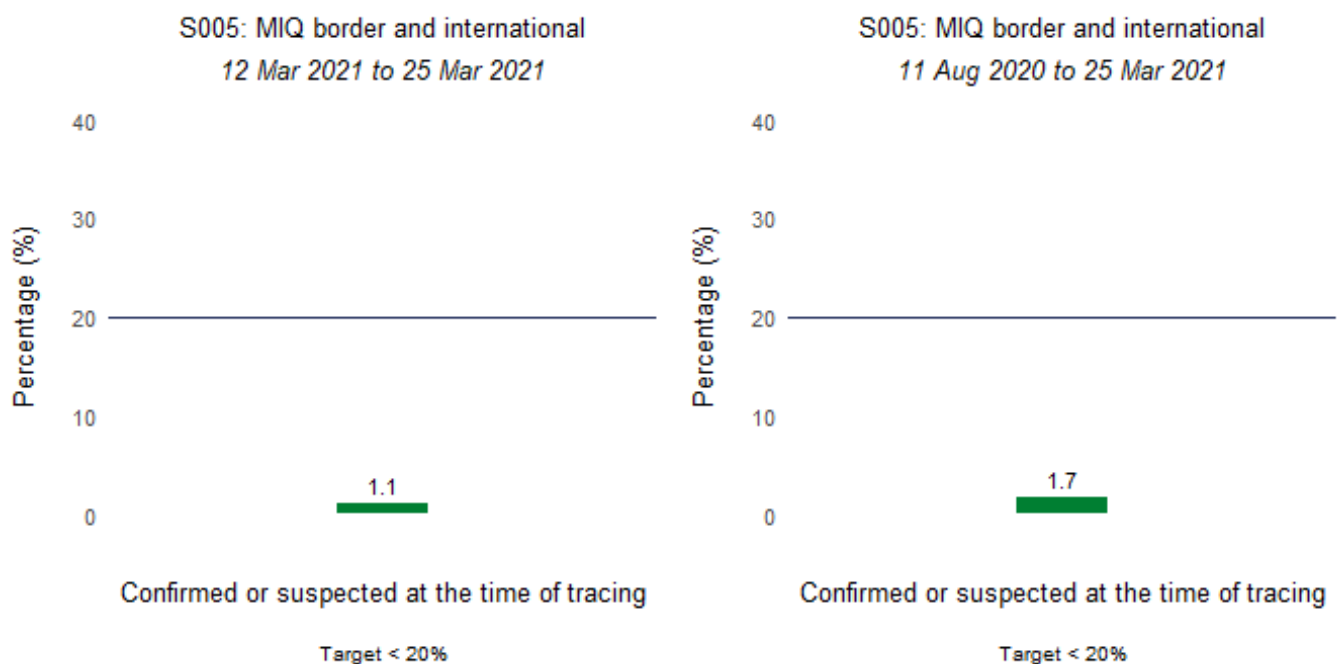
This section presents the indicators for Border Managed Isolation and Quarantine (MIQ) and International cases. Returnees' exposure is arbitrarily set to the day of arrival in New Zealand. They are placed into MIQ upon arrival and are tested on day 0/1 (except for returnees from excluded countries -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

Summary of MIQ border and international cases

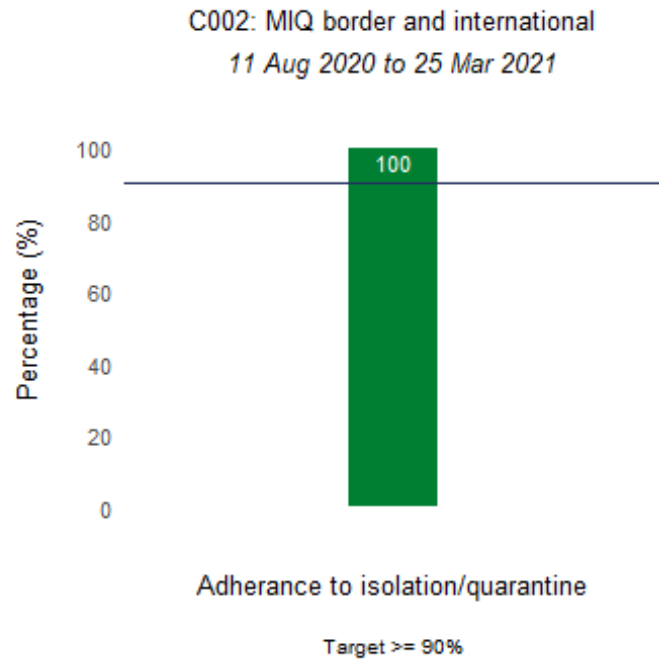
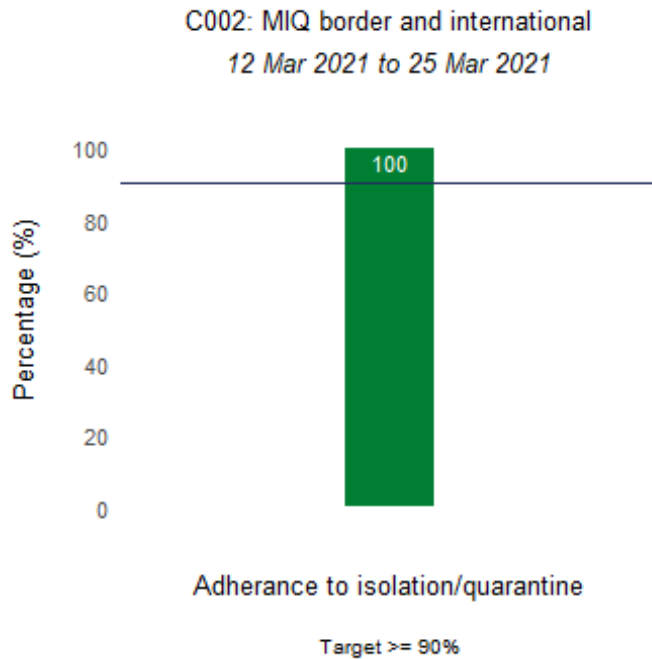
Number of cases for this reporting period and cumulative number of cases since 11 August 2020.

Reporting period	Cumulative
55	656

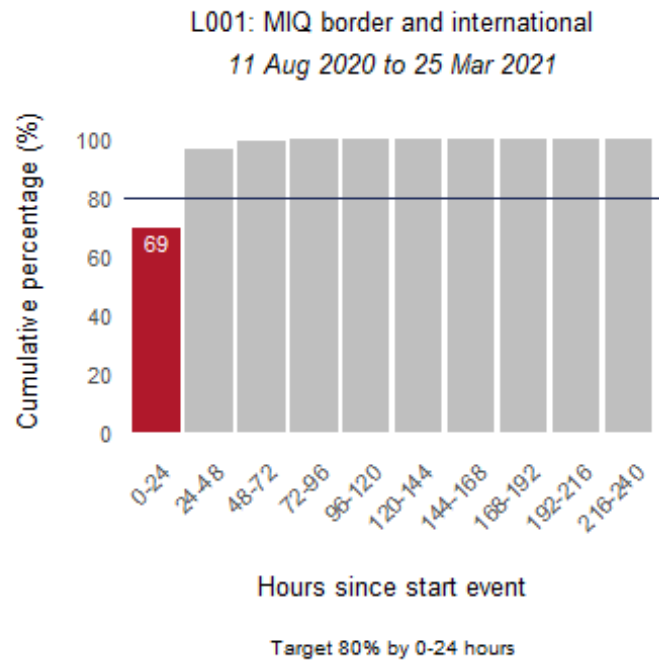
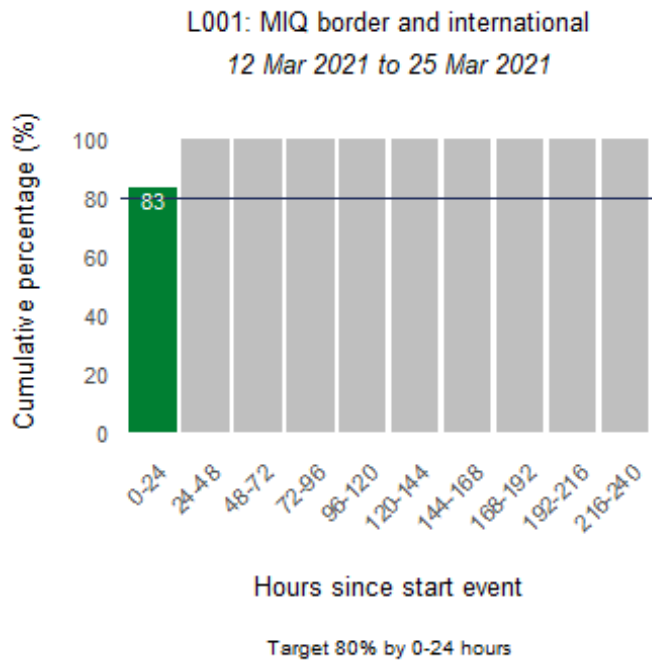
S005 - Proportion of close contacts with confirmed or suspected COVID-19 at the time of tracing



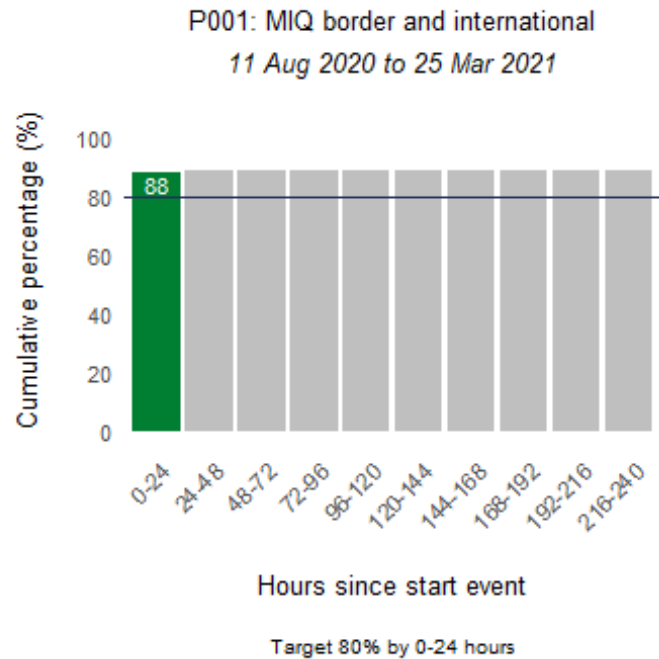
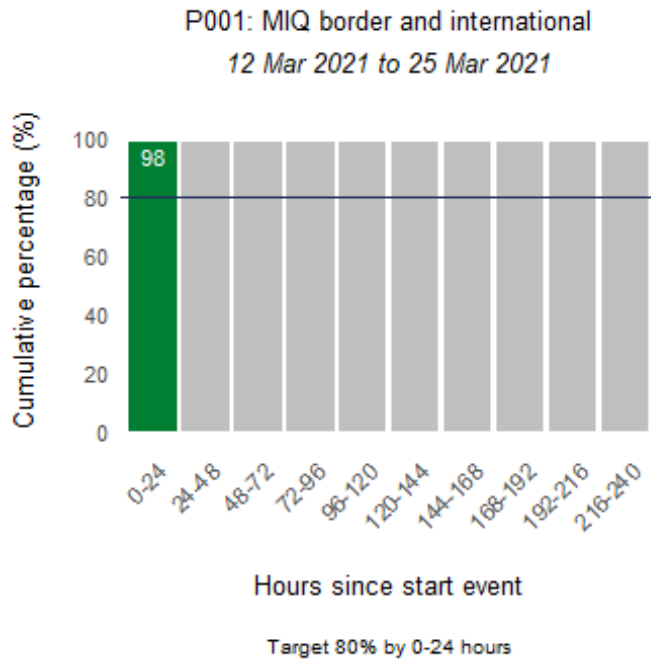
C002 - Proportion of cases and contacts who adhere to isolation and quarantine



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

