

# Summary of COVID-19 Disease Indicators

For the reporting period 15 January to 28 January 2021

Report date: 01/02/2021

## Key:

- Performance above target
- Performance below target
- ▲ Performance improved or the same compared to the previous reporting period
- ▼ 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.

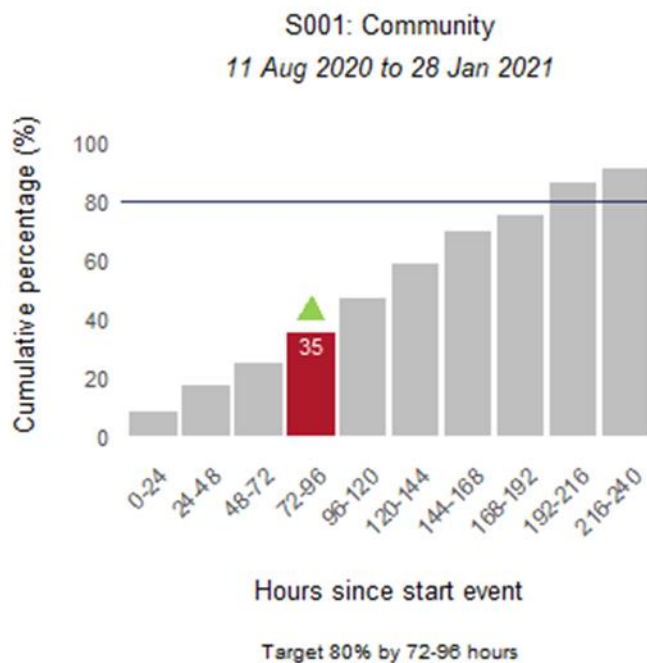
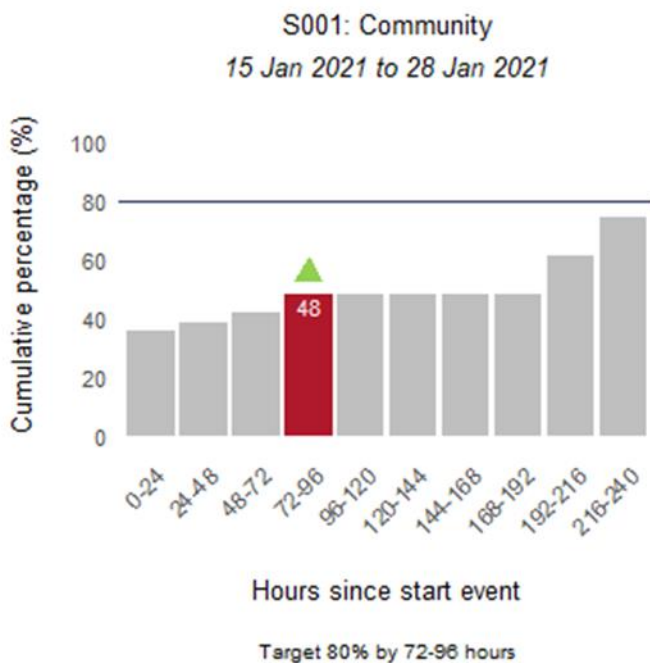
Reporting period	Cumulative
3	202

This reporting period includes three community cases related to the Pullman Hotel returnees. The delayed identification of these cases following symptom onset means that the performance of the system level and community level indicators **S001**, **S002**, and **C001** are low. For one case the time between symptom onset and test sample taken was 9 days, and for the other two cases the time between symptom onset and test sample taken was 7 days.

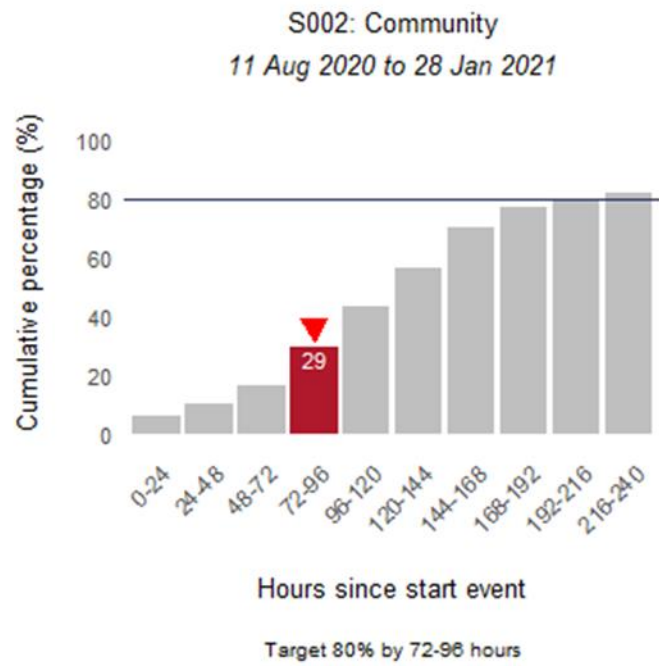
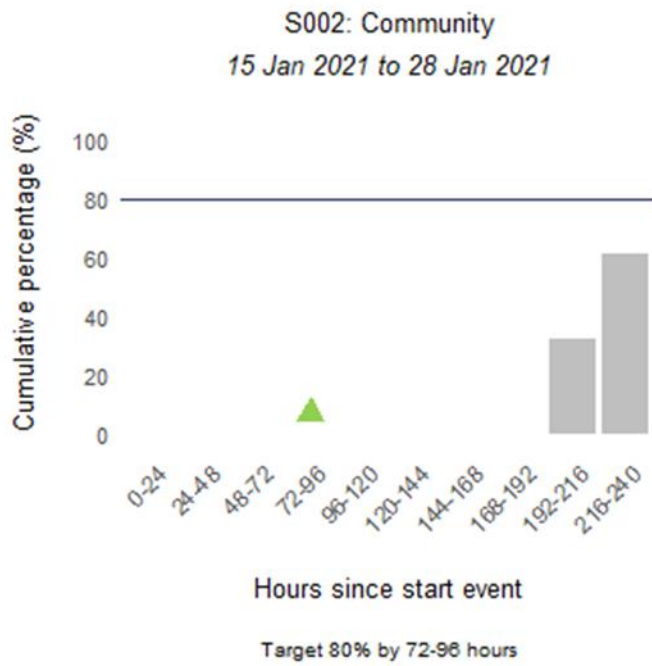
## System level indicators

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

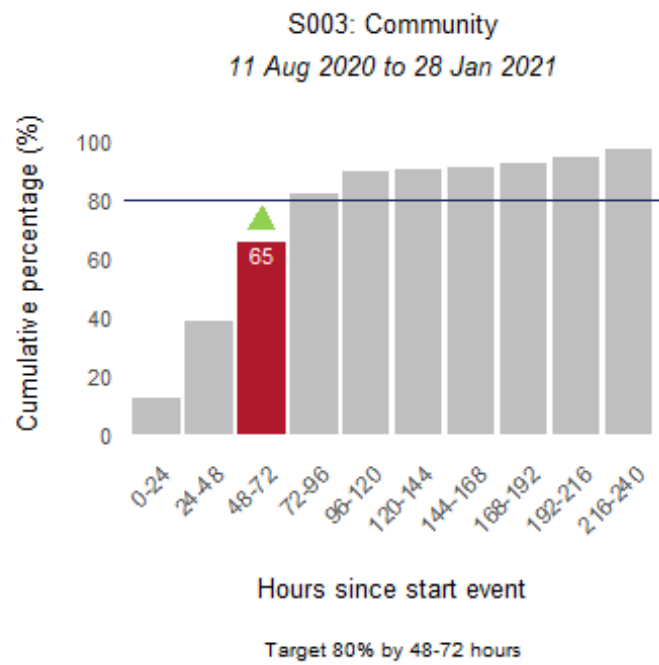
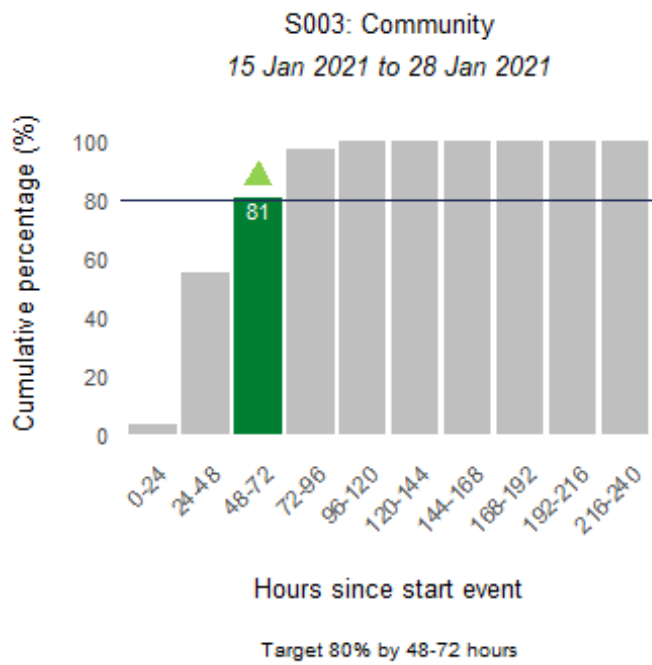
### S001 - Time from exposure to contact isolation / quarantine



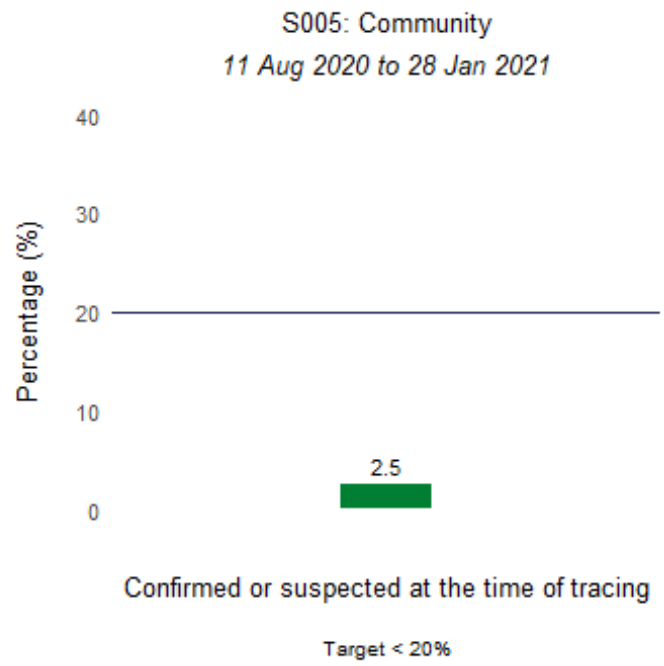
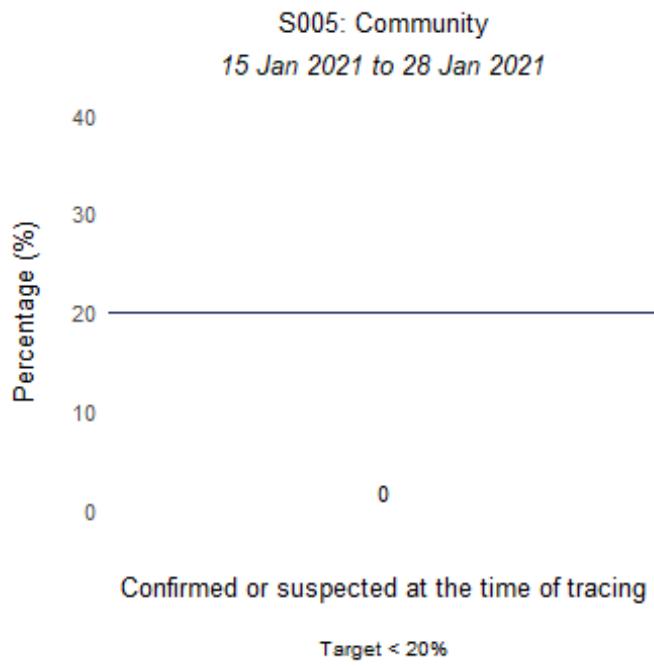
## S002 - Time from case first symptom to contact isolation / quarantine



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



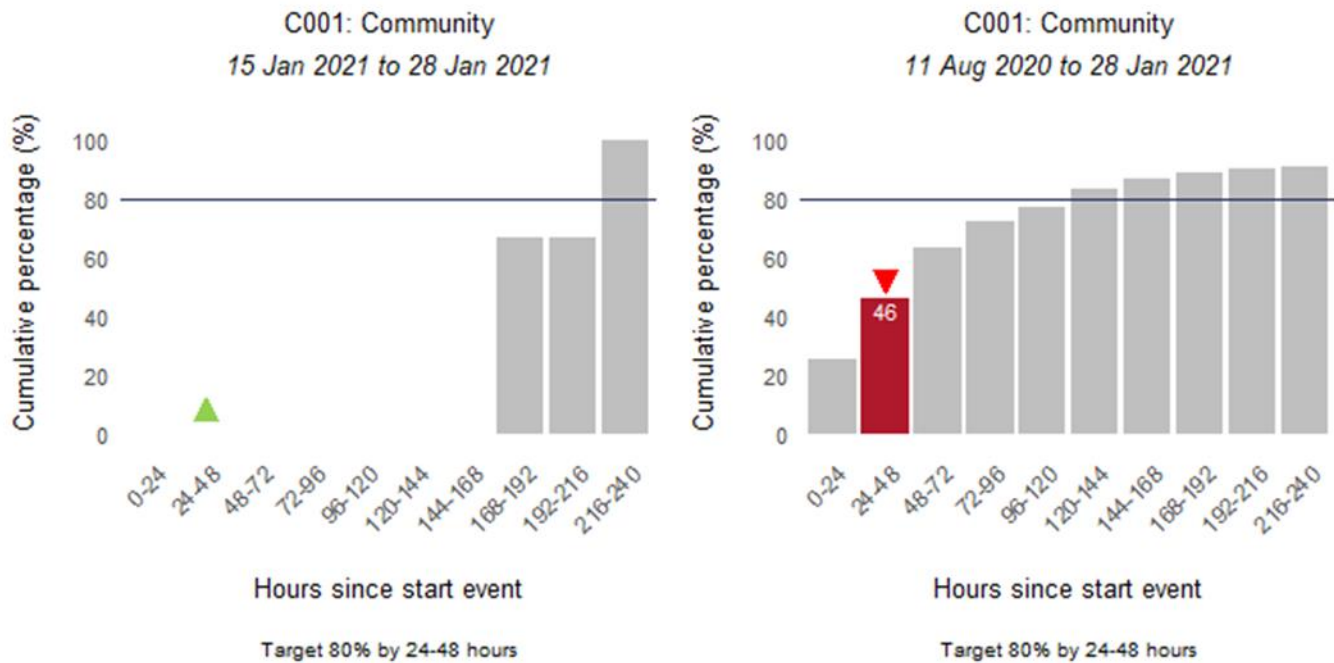
## S005 - Proportion of close contacts with confirmed or suspected COVID-19 at the time of tracing



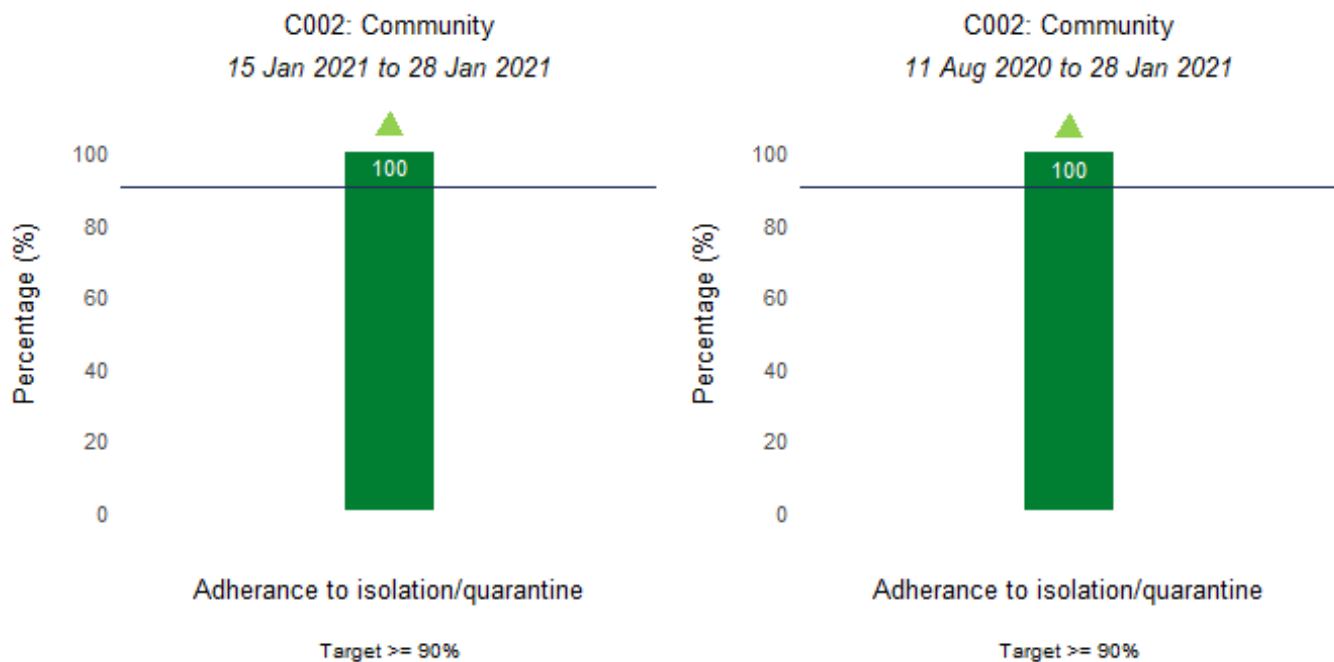
# Community-level indicators

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. For this reporting period, 100 percent of test samples were taken at hour 170.

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



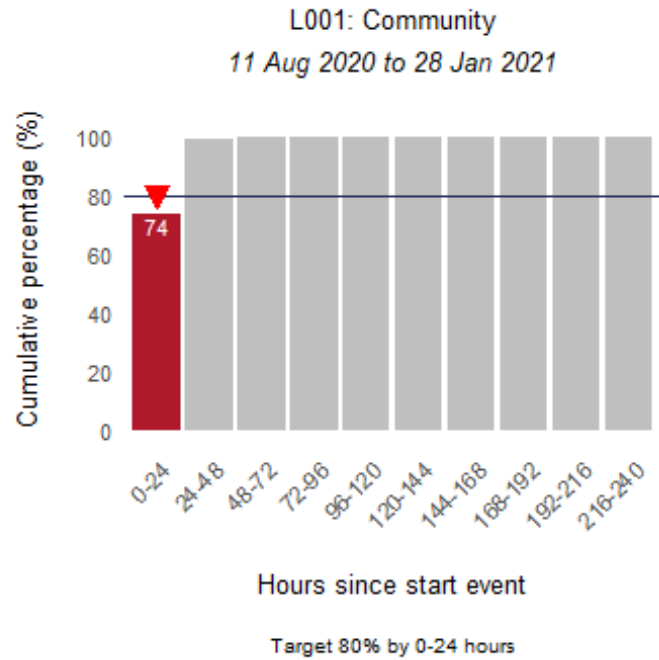
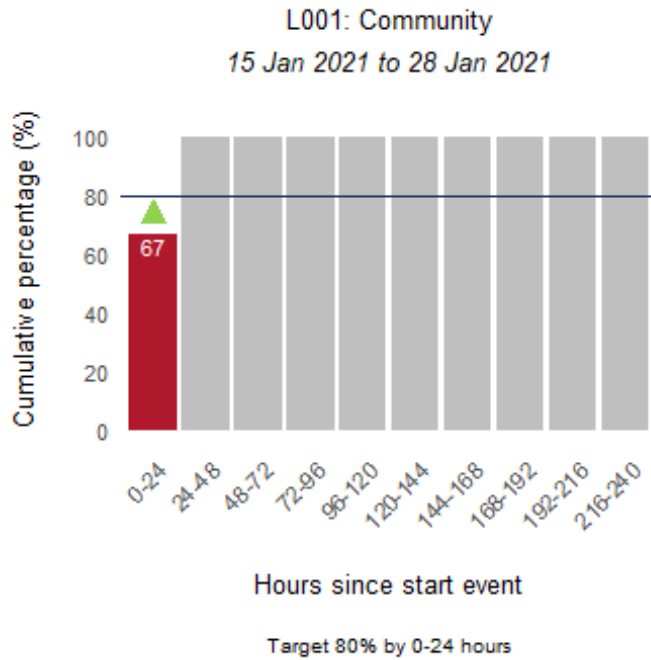
## C002 - Proportion of cases and contacts who adhere to isolation and quarantine



## 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** is impacted by the low number of cases (3) during this reporting period. 100 percent of positive results were notified by hour 42.

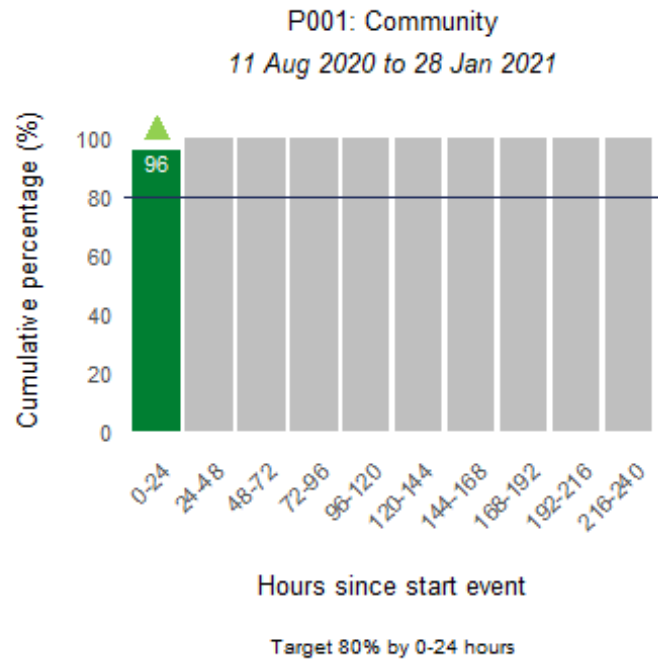
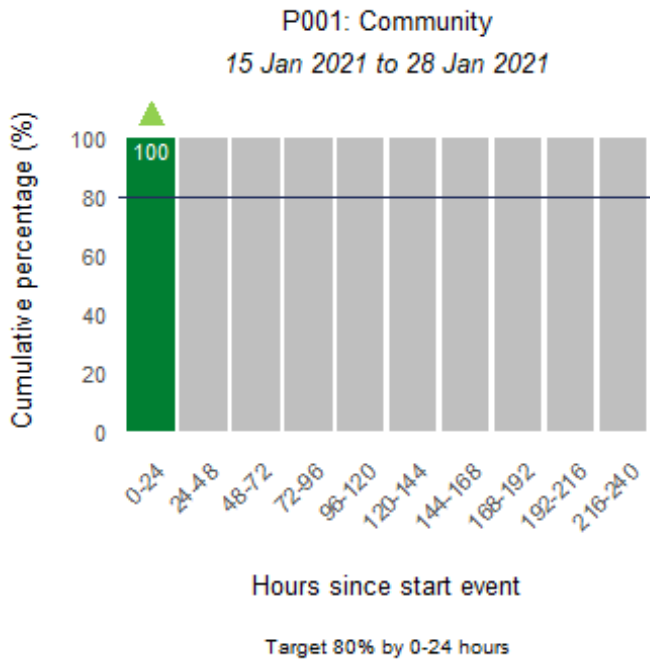
### L001 - Time from test sample taken to notification of positive result



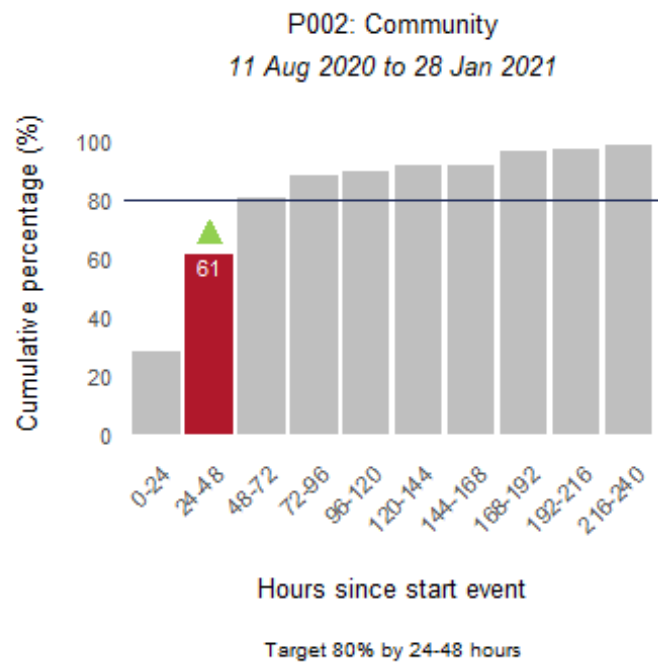
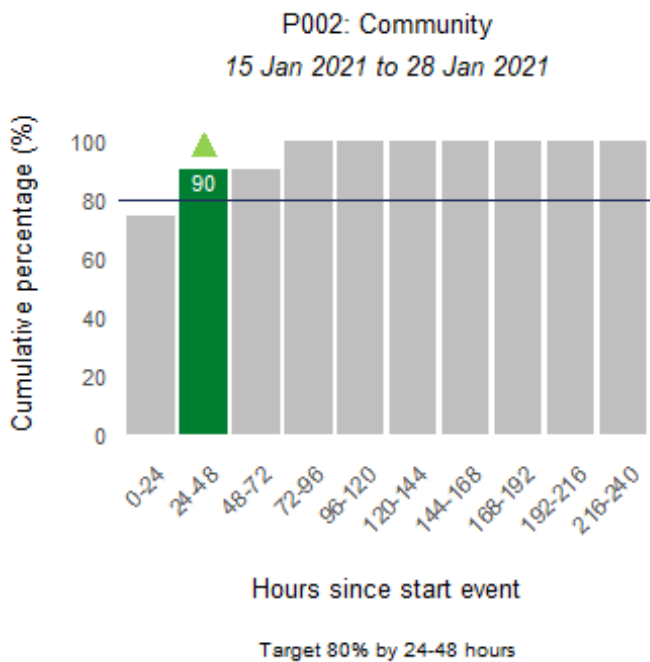
# Public health sector indicators

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#).

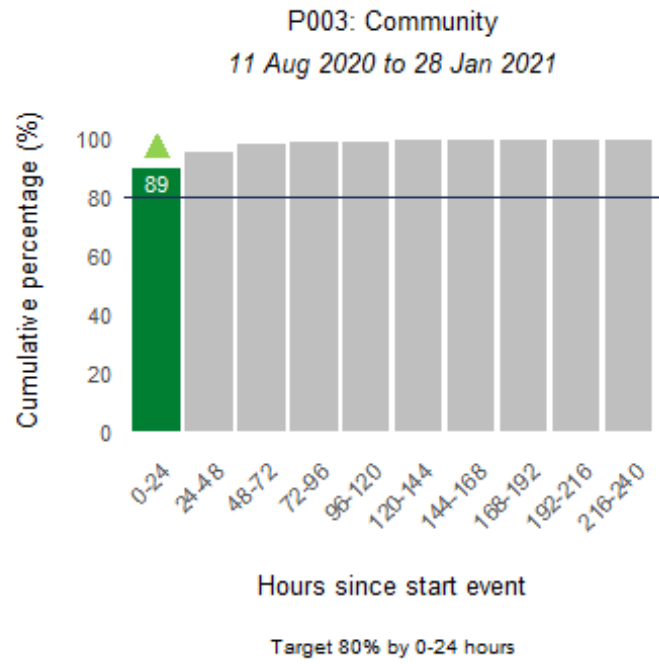
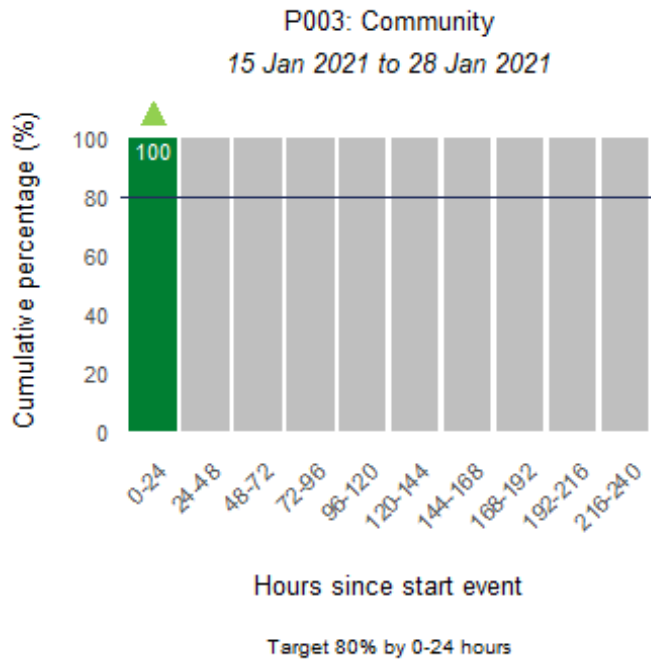
## P001 - Time from notification to case interview



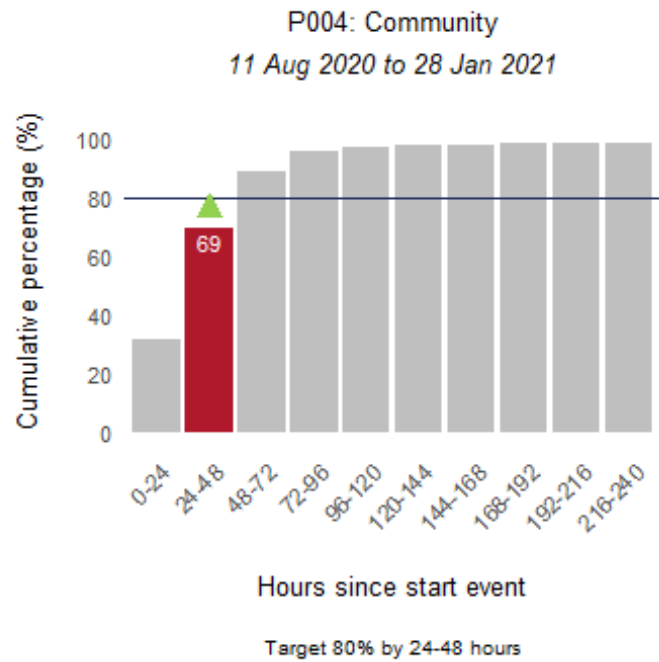
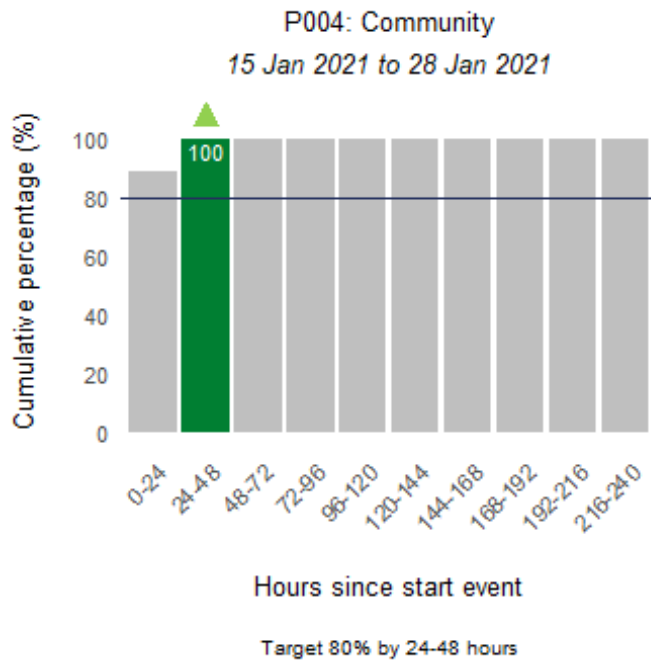
## P002 - Time from case notification to isolation / quarantine of contact



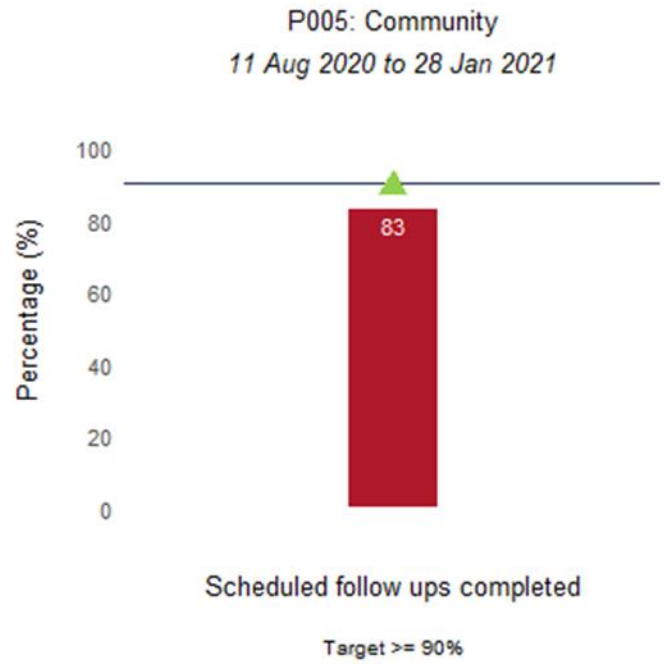
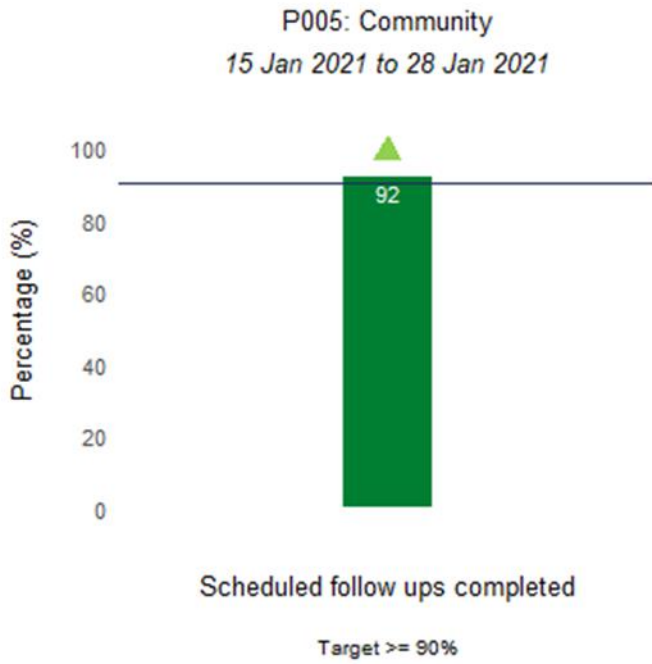
## P003 - Time from close contact identification to isolated / quarantined



## 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

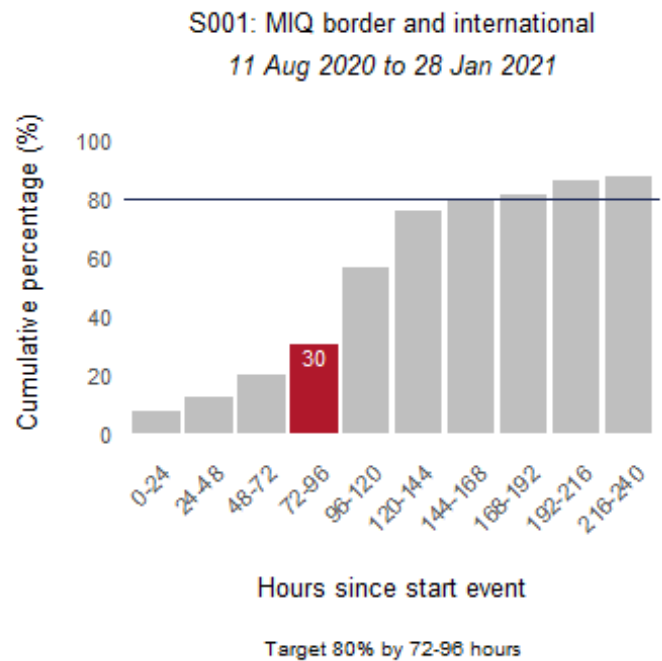
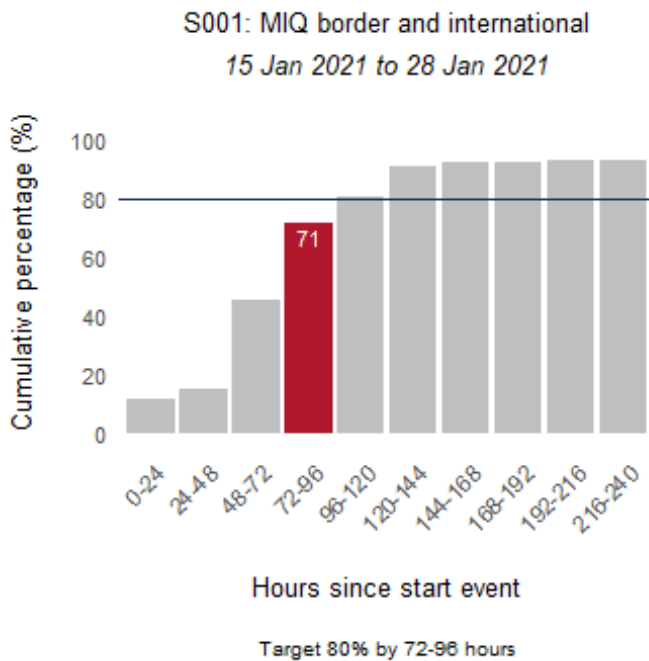
This section presents the indicators for Border Managed Isolation and Quarantine (MIQ) and International cases. Returnees' exposure is arbitrarily set to the day of arrival in New Zealand. They are placed into MIQ upon arrival and are tested on day 0/1 (except for returnees from excluded countries -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

### Summary of MIQ border and international cases

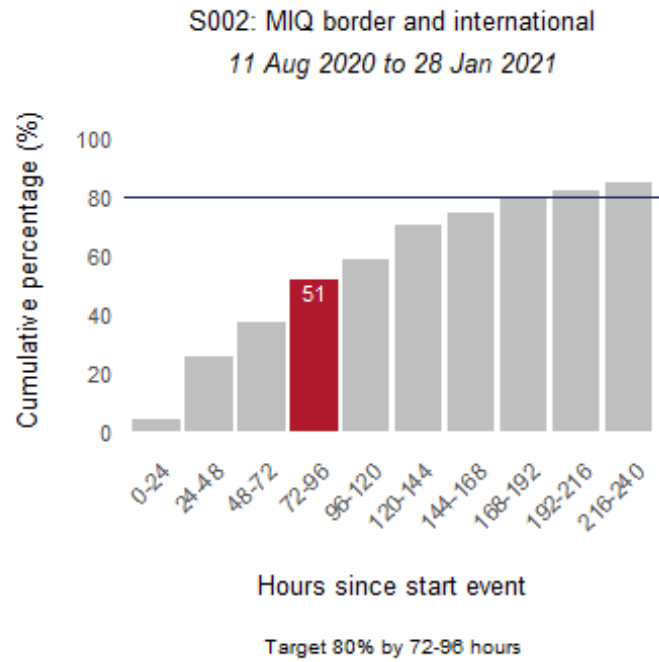
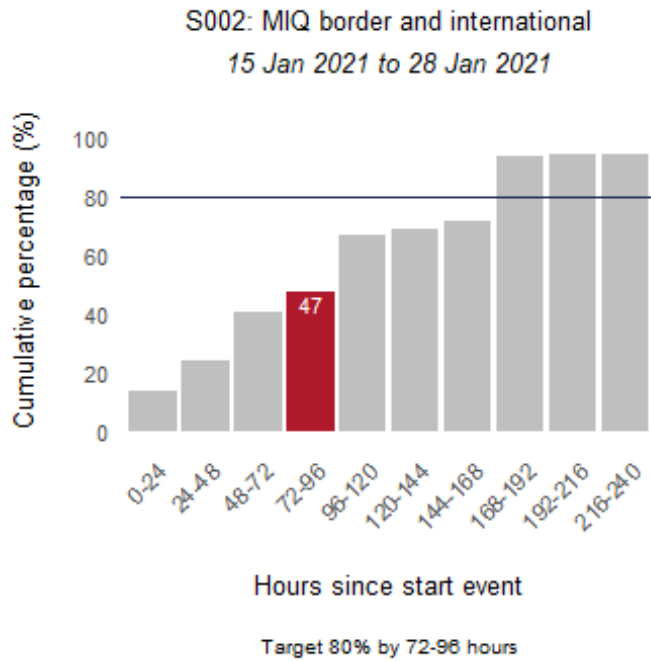
Number of cases for this reporting period and cumulative number of cases since 11 August 2020.

Reporting period	Cumulative
48	500

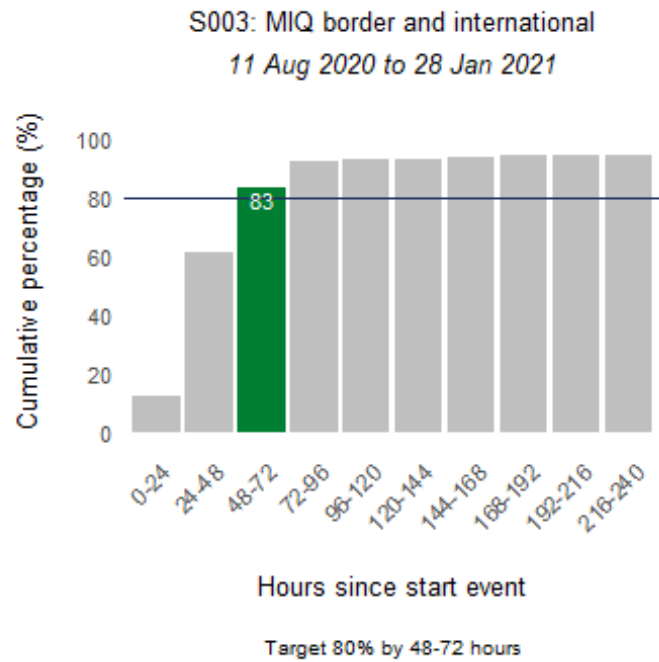
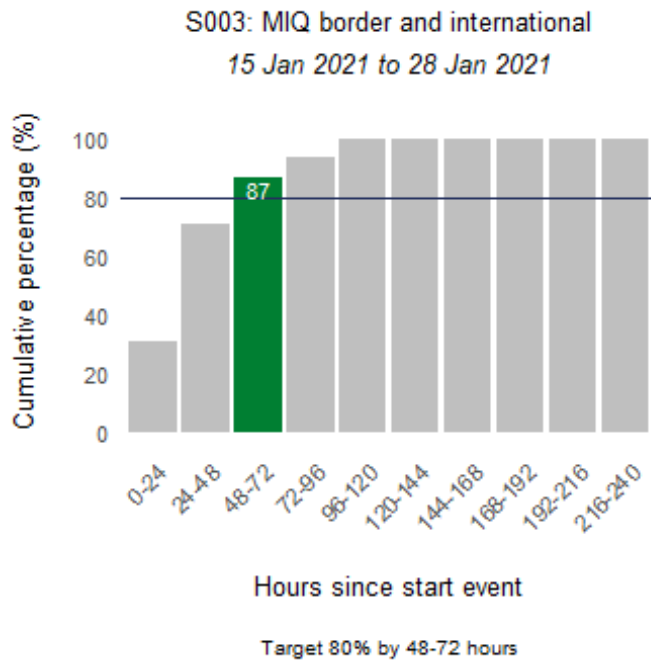
### S001 - Time from exposure to contact isolation / quarantine



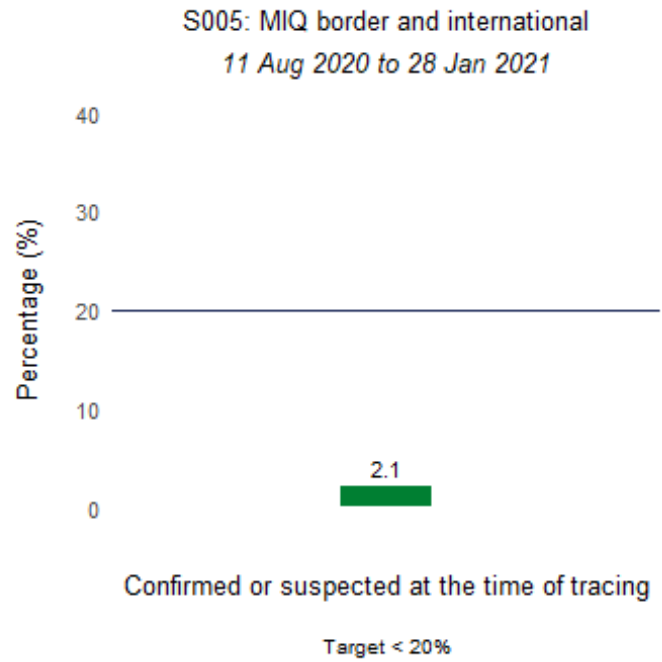
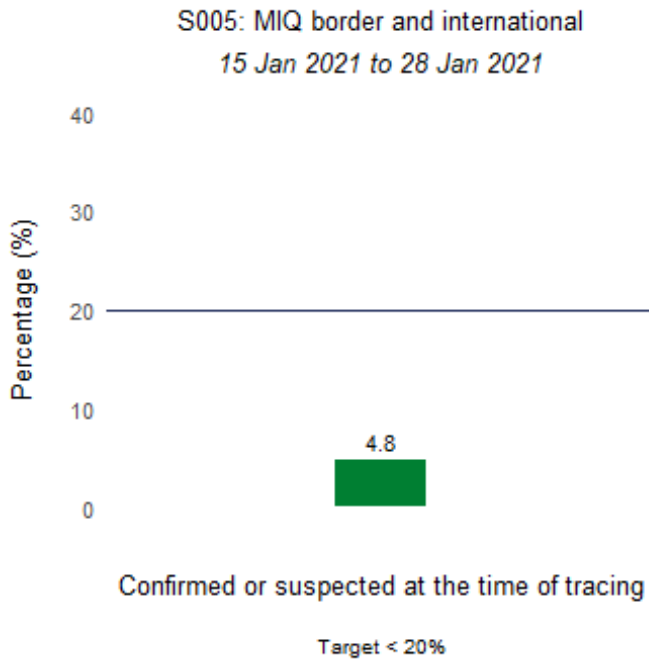
## S002 - Time from case first symptom to contact isolation / quarantine



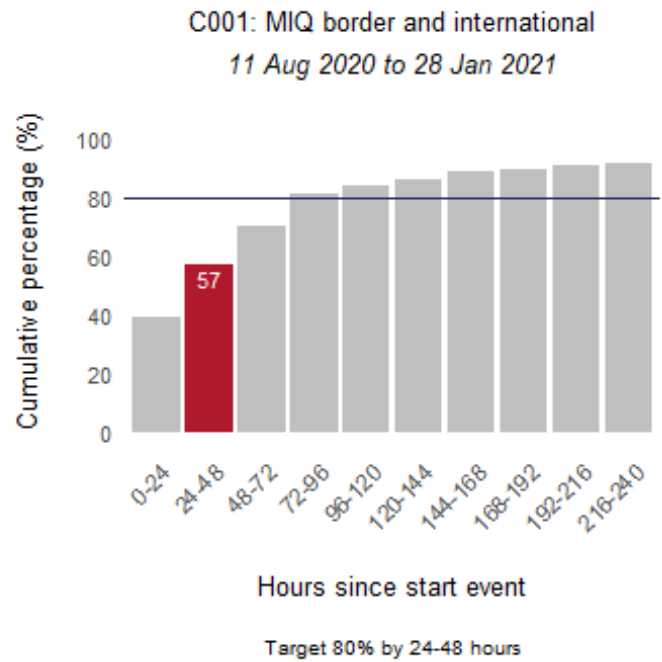
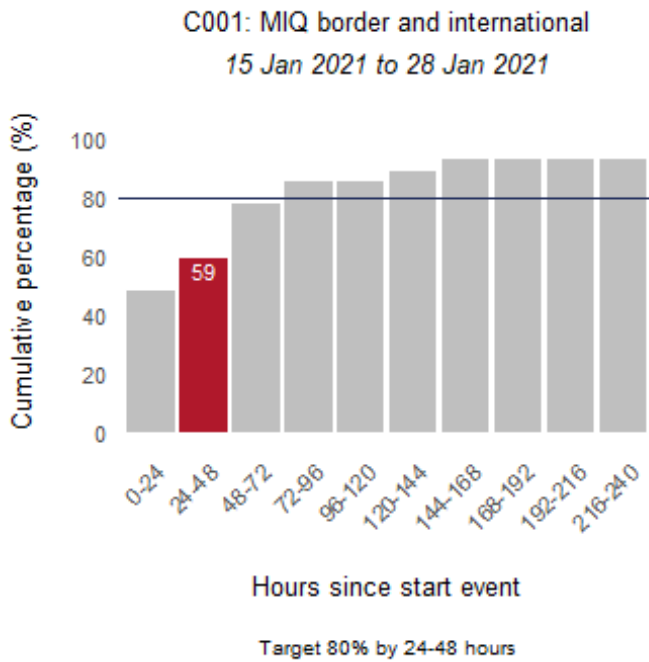
## S003 - Time from test sample taken to close contact isolation / quarantine



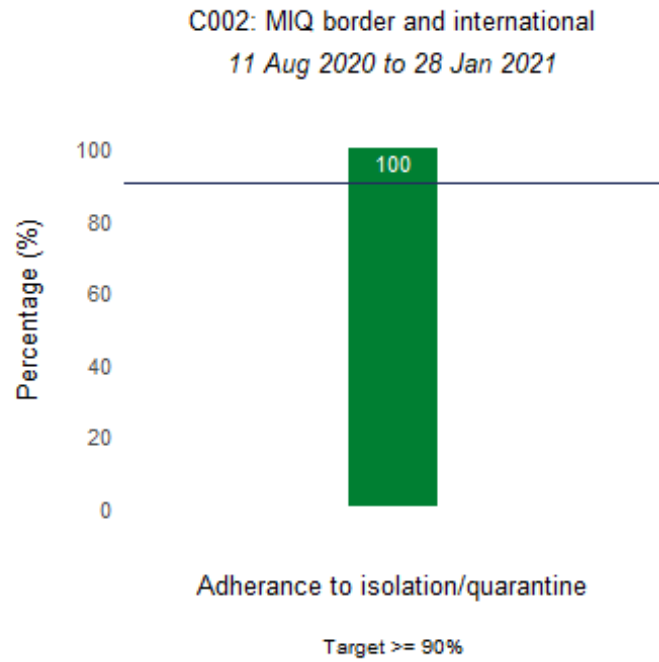
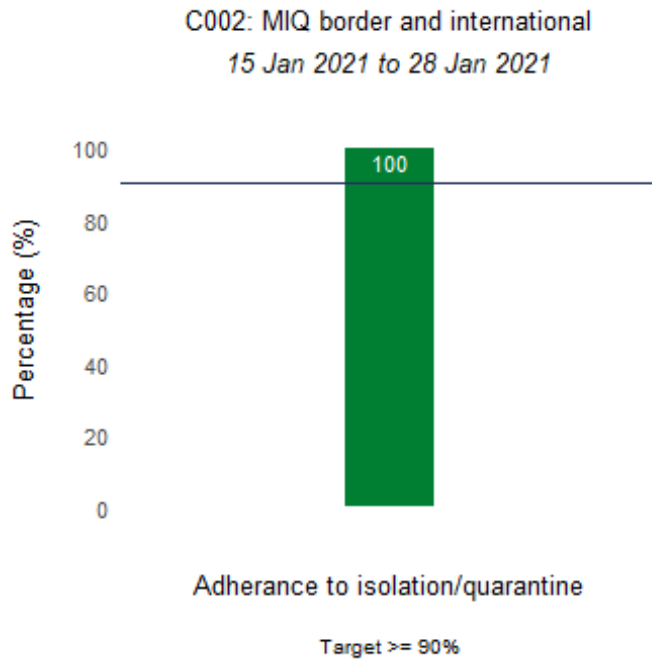
## S005 - Proportion of close contacts with confirmed or suspected COVID-19 at the time of tracing



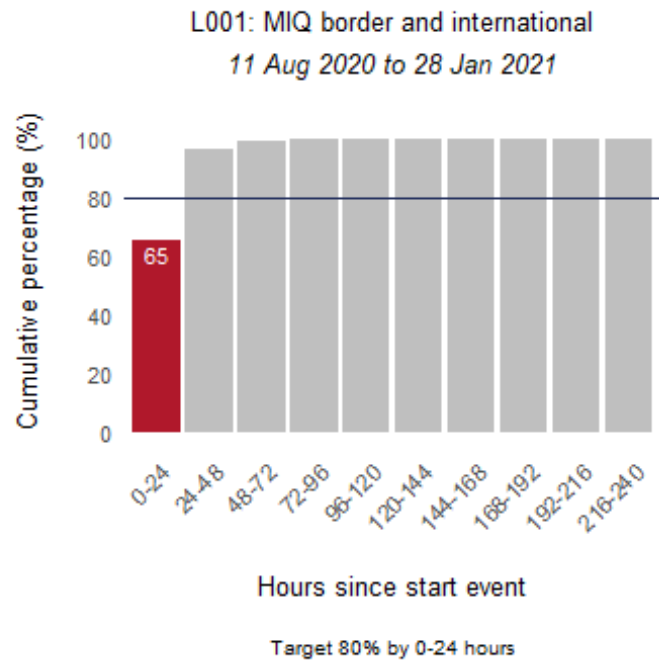
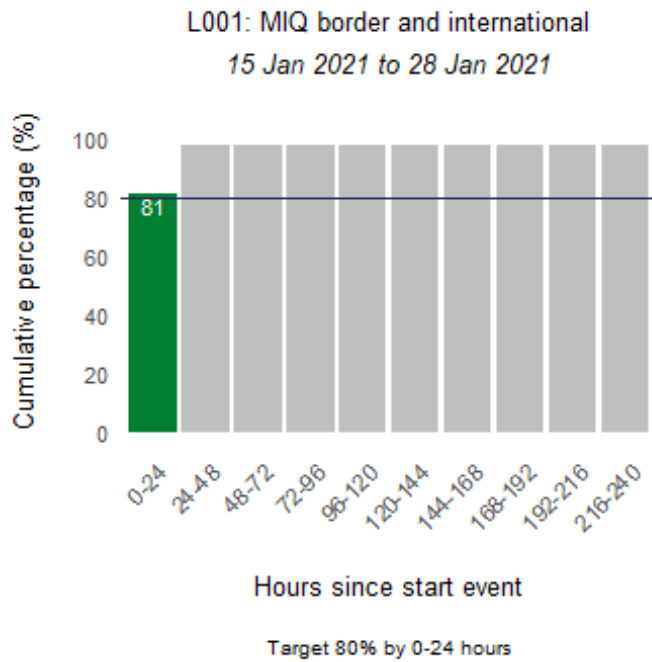
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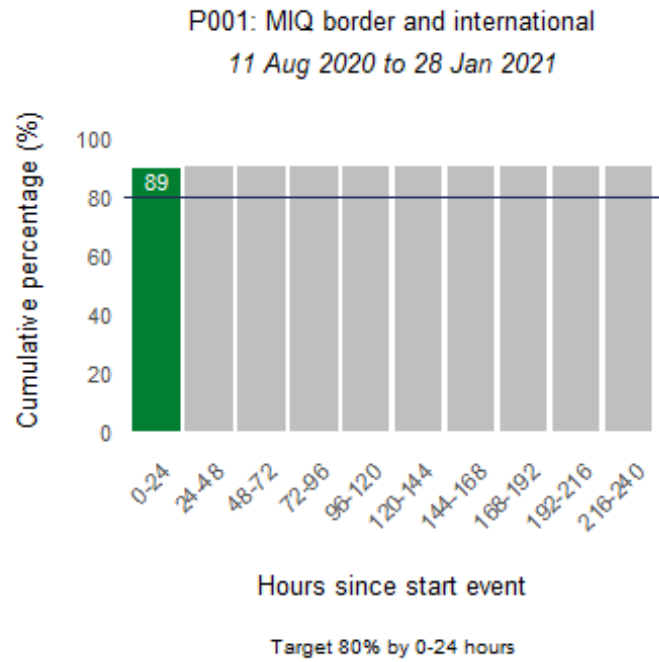
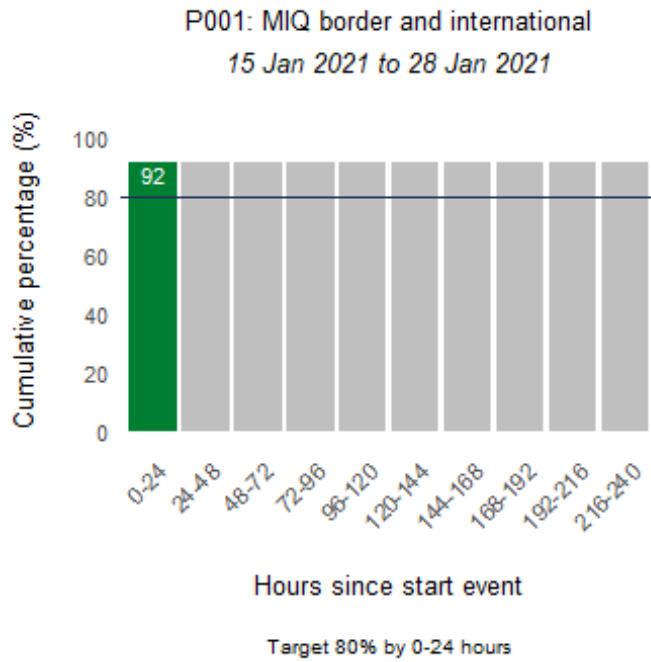
## C002 - Proportion of cases and contacts who adhere to isolation and quarantine



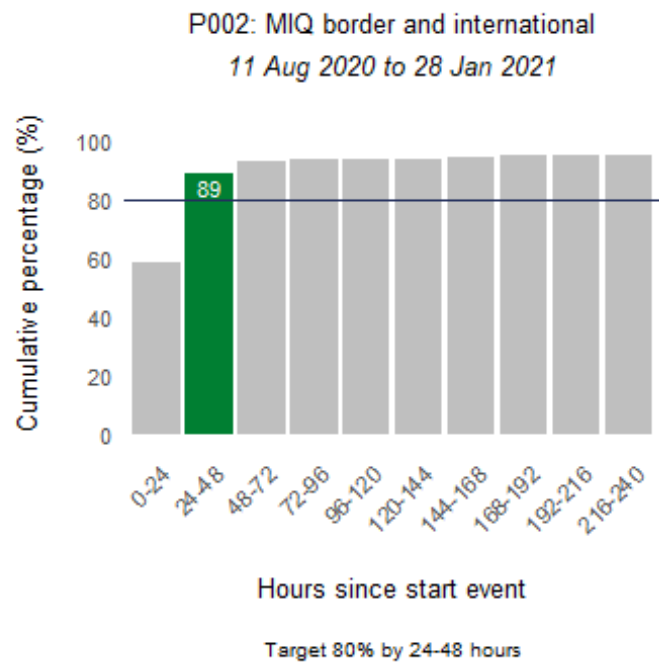
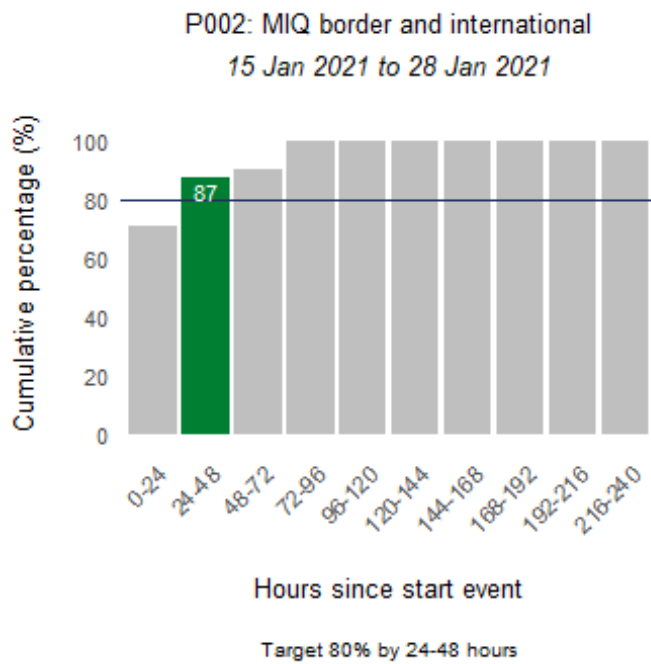
## L001 - Time from test sample taken to notification of positive result



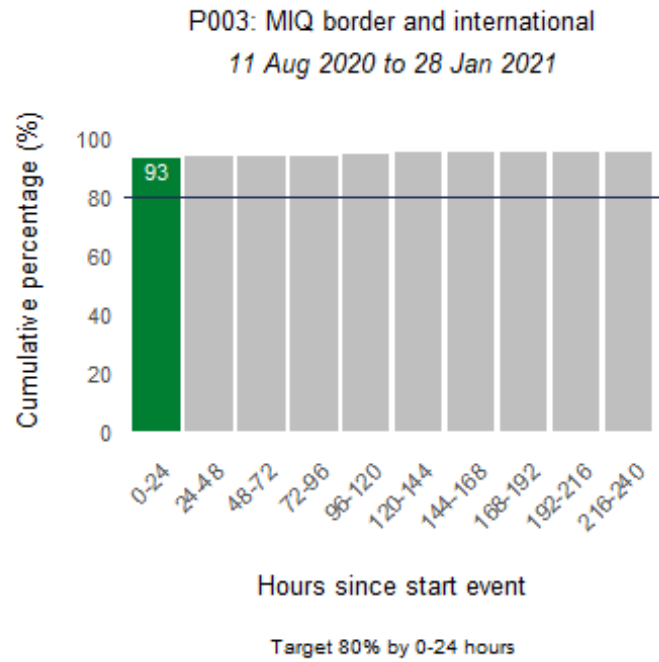
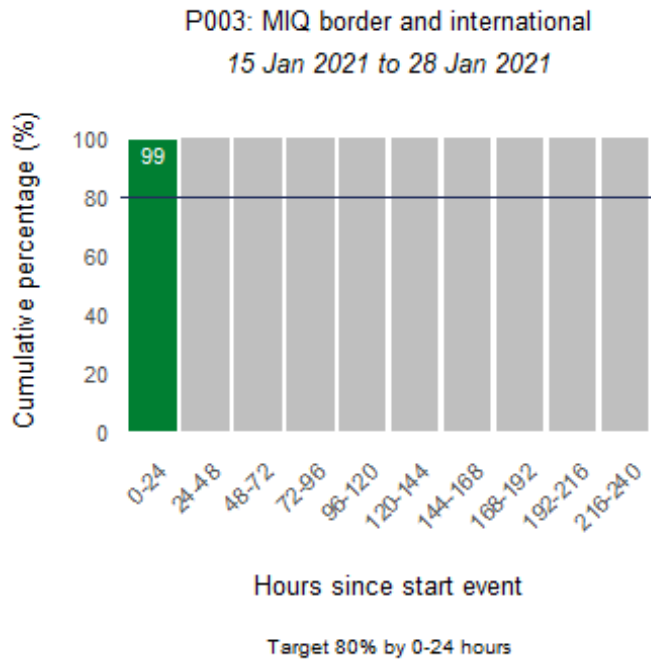
## P001 - Time from notification to case interview



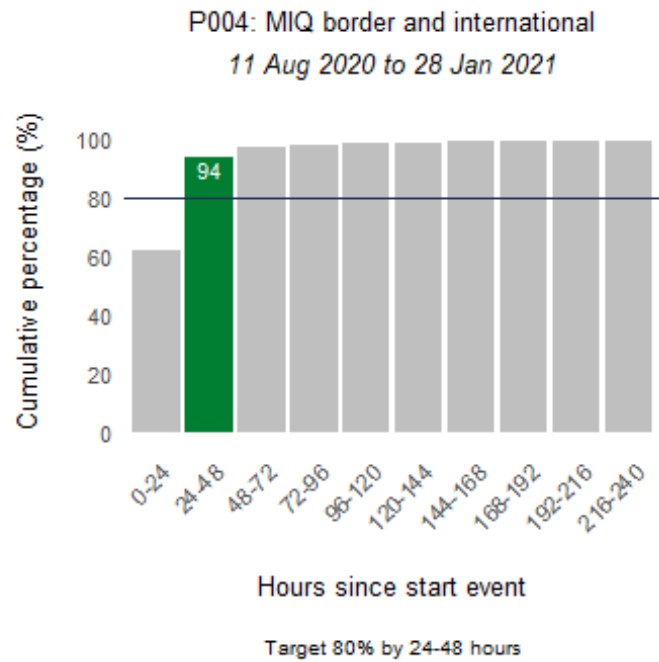
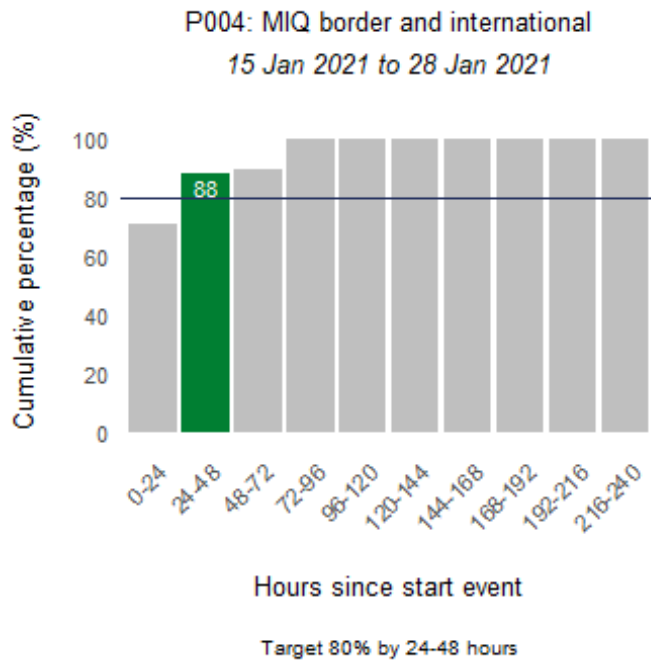
## P002 - Time from case notification to isolation / quarantine of contact



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

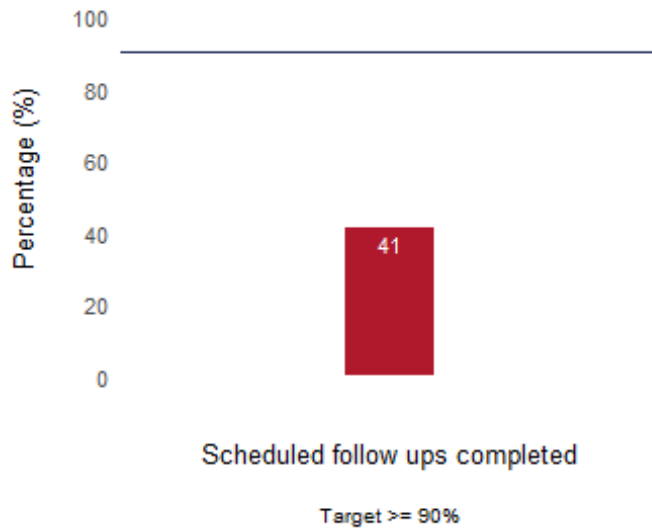


## P004 - Proportion of contacts traced in 48 hours



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

P005: MIQ border and international  
15 Jan 2021 to 28 Jan 2021



P005: MIQ border and international  
11 Aug 2020 to 28 Jan 2021

