





# Summary of COVID-19 Disease Indicators

*For the reporting period 6 November to 19 November 2020*

*Report date: 07/12/2020*

## 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.

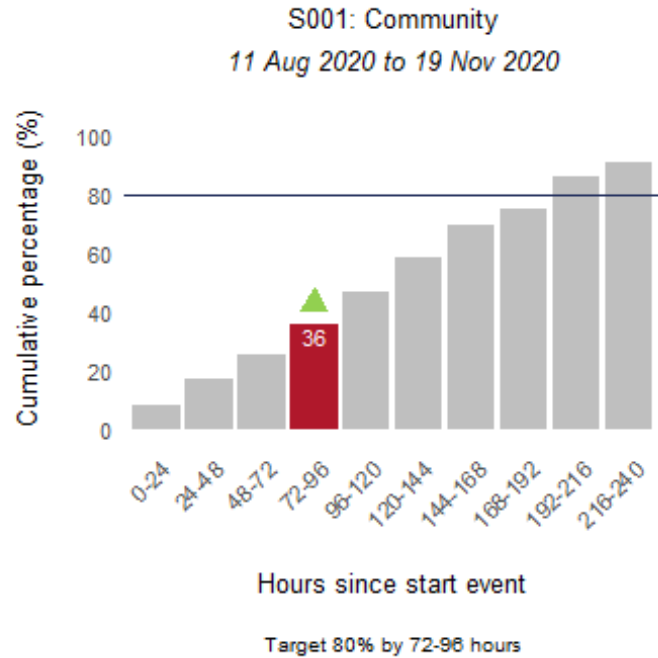
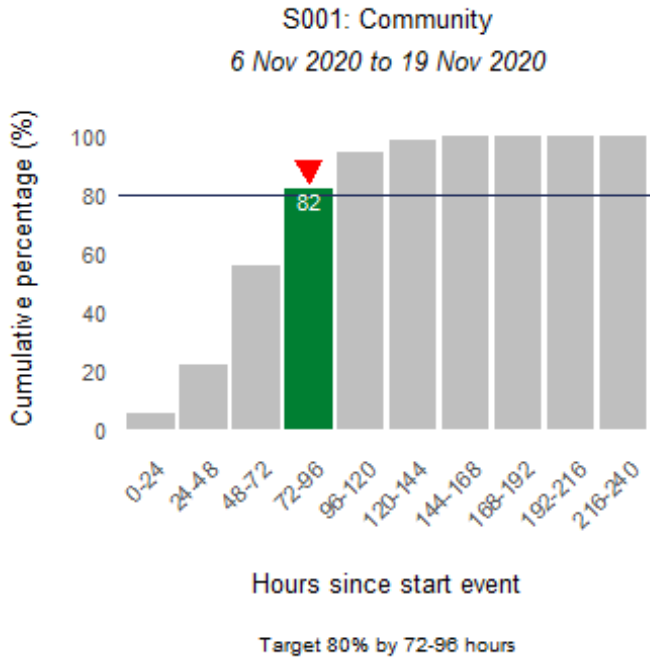
Reporting period	Cumulative
6	199

While the performance against several indicators (**S001**, **S002**, **S003**, **L001**, **P002**, **P003**, **P004**) during this reporting period has decreased compared to the previous reporting period, the metric target has been achieved and the overall metric performance since 11 August 2020 has improved. The decrease in performance observed over this period is due to a larger number of cases and associated contacts in the community compared to the number within the previous reporting period.

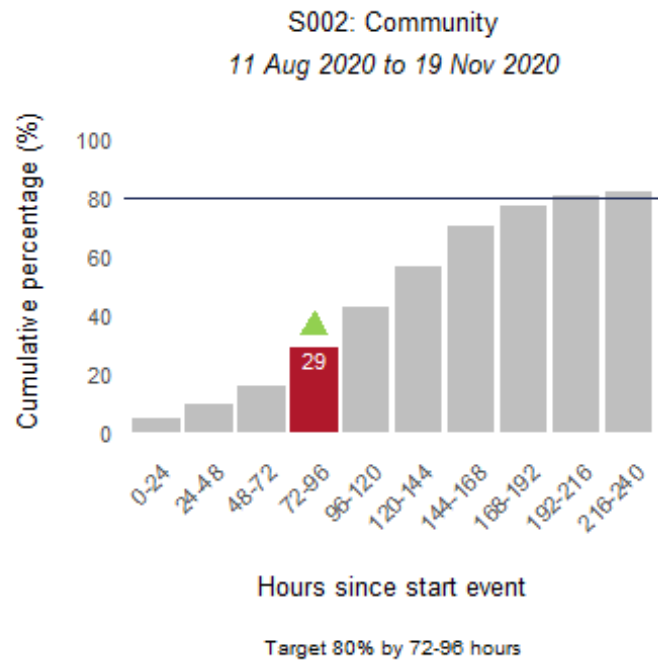
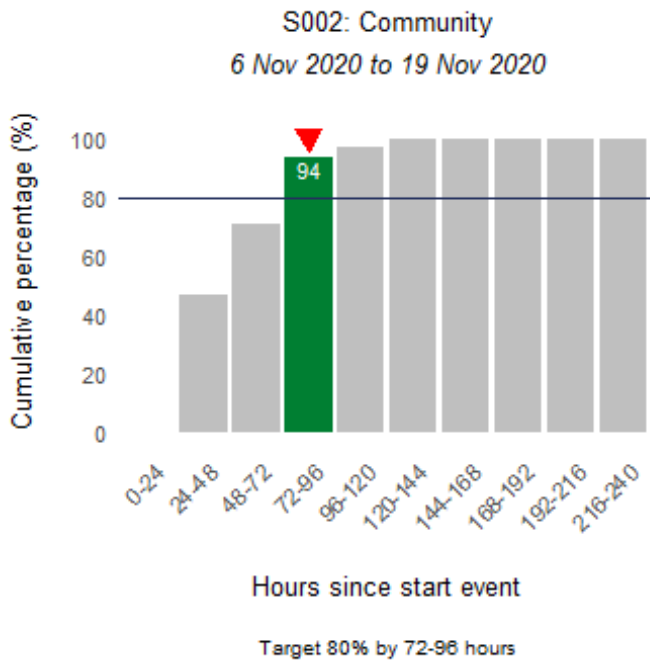
# System level indicators

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

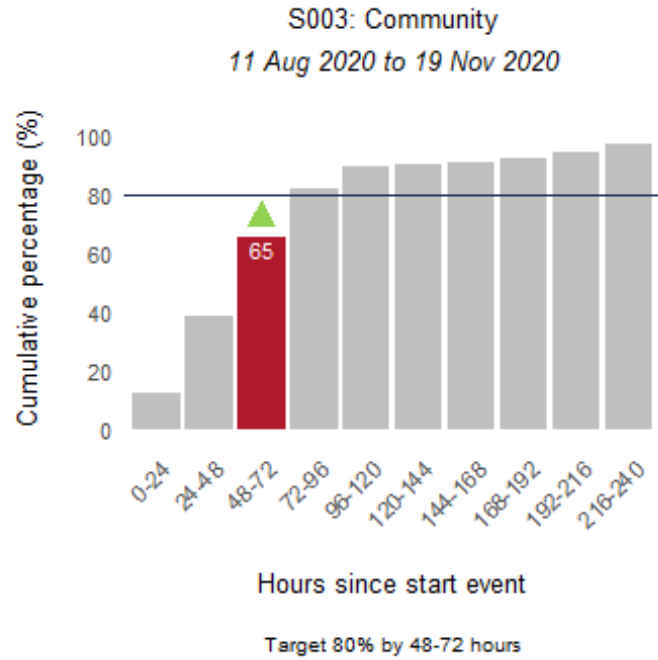
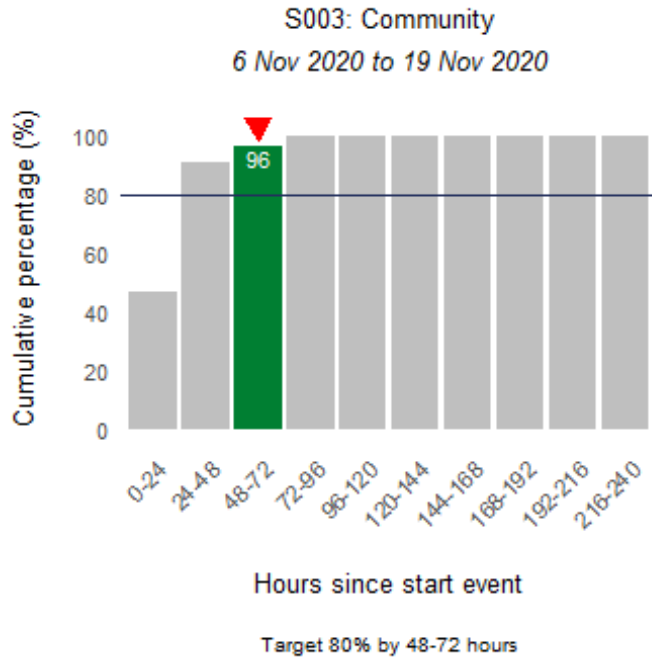
## S001 - Time from exposure to contact isolation / quarantine



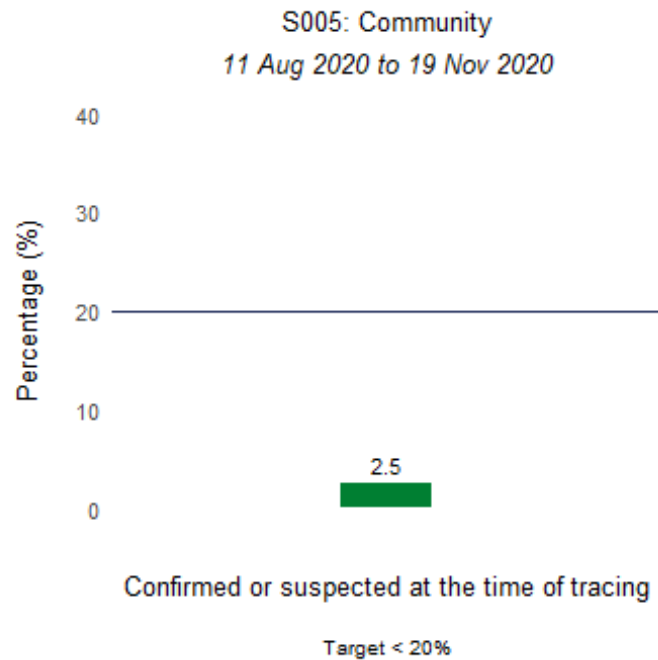
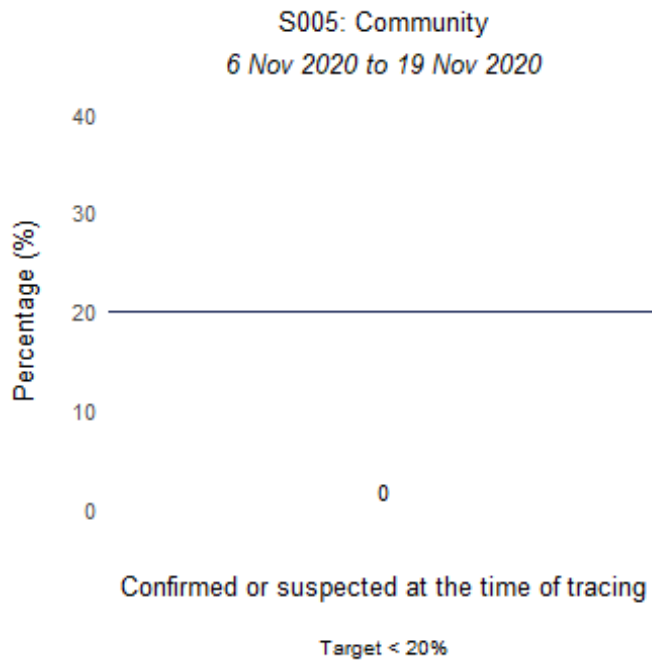
## S002 - Time from case first symptom to contact isolation / quarantine



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



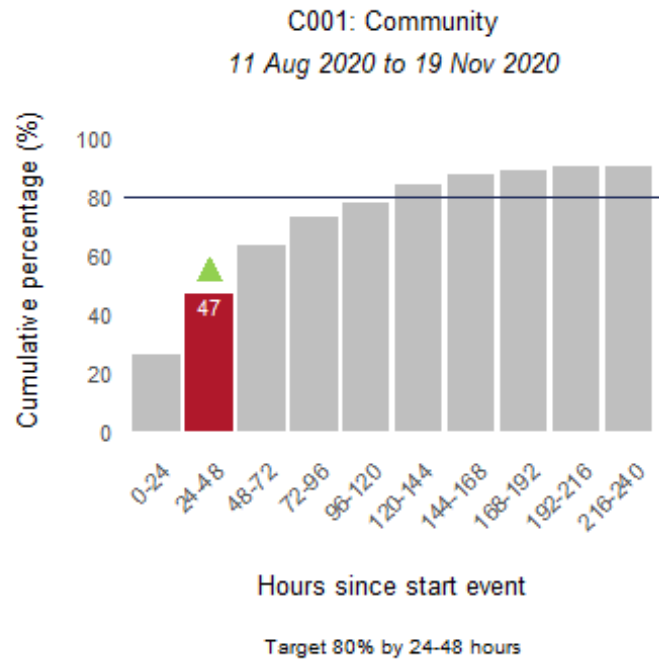
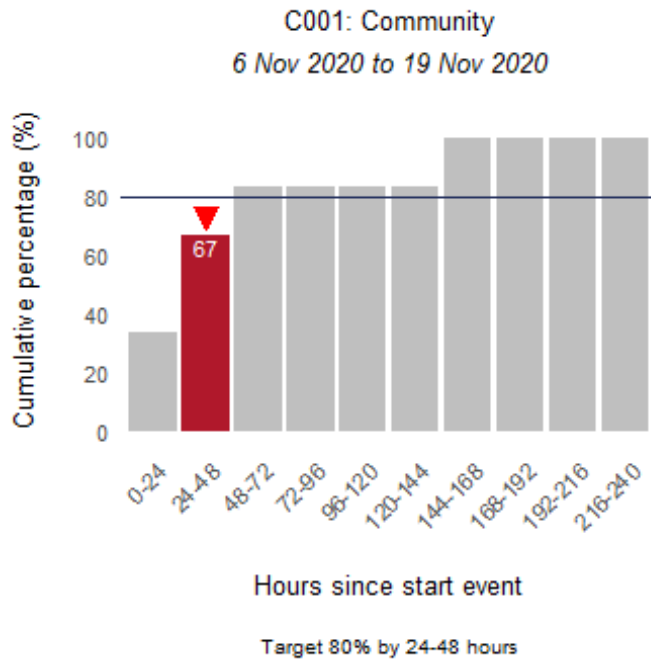
### S005 - Proportion of close contacts with confirmed or suspected COVID-19 at the time of tracing



## 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. For this reporting period, 100 percent of test samples were taken by hour 53.

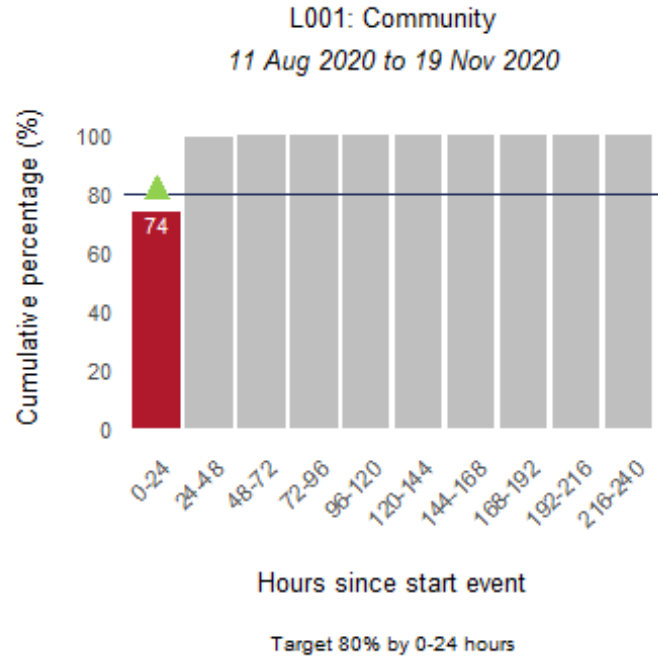
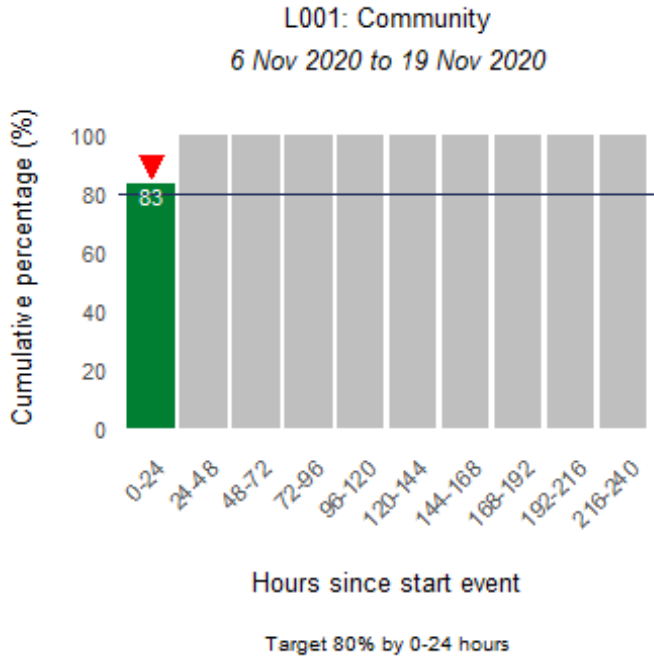
### C001 - Time from first symptom to test sample taken for positive cases



# 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. For this reporting period, 100 percent of positive results were notified by hour 25.

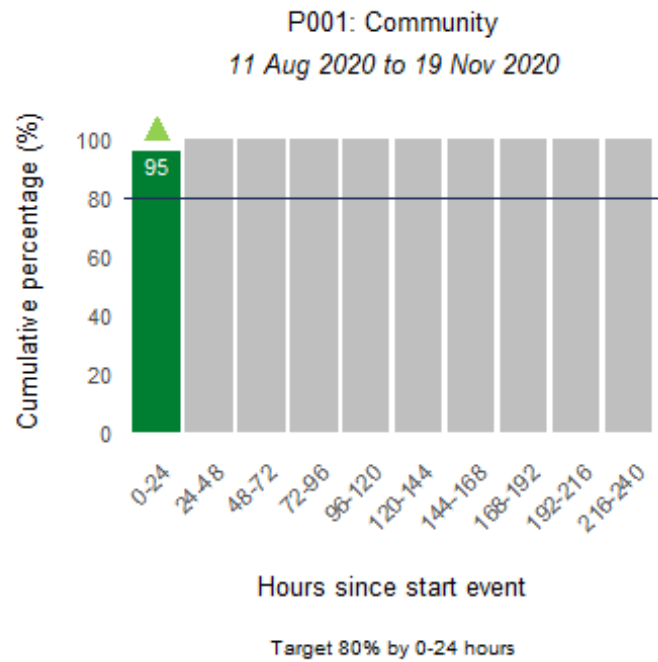
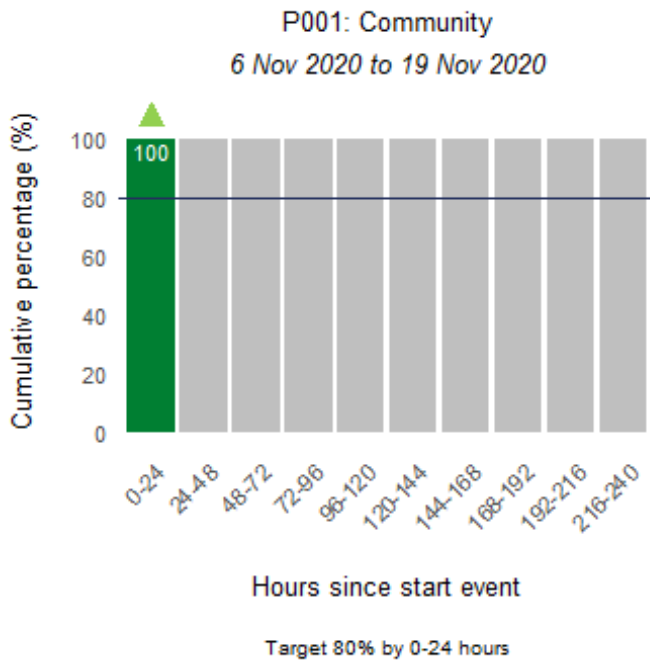
## L001 - Time from test sample taken to notification of positive result



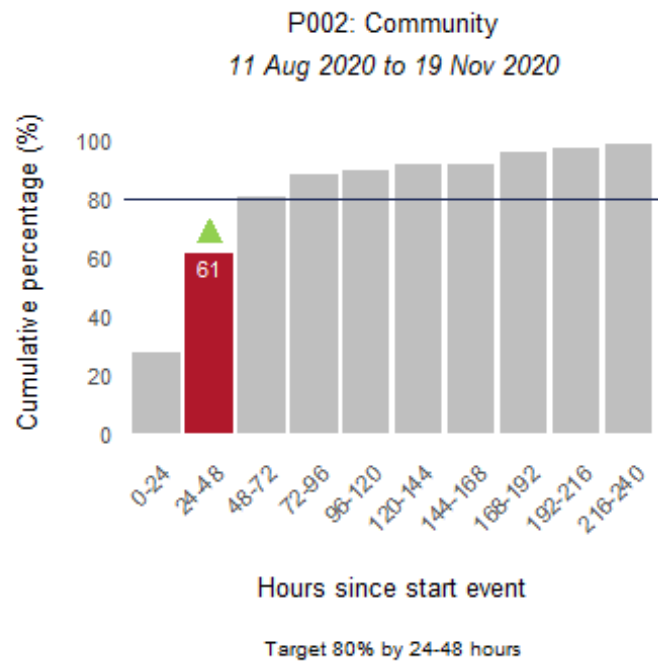
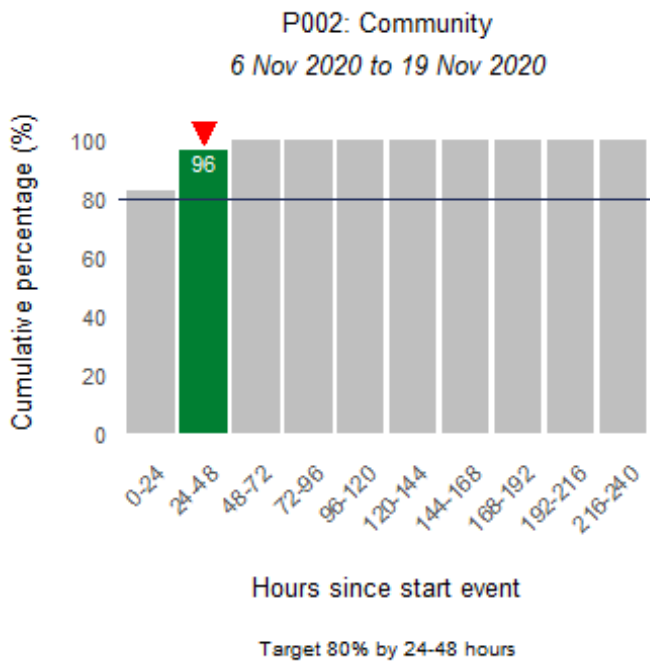
# Public health sector indicators

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#).

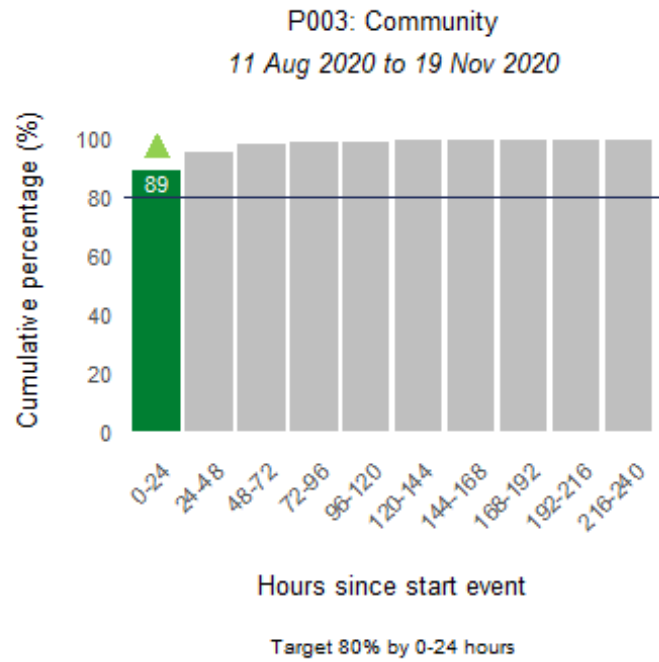
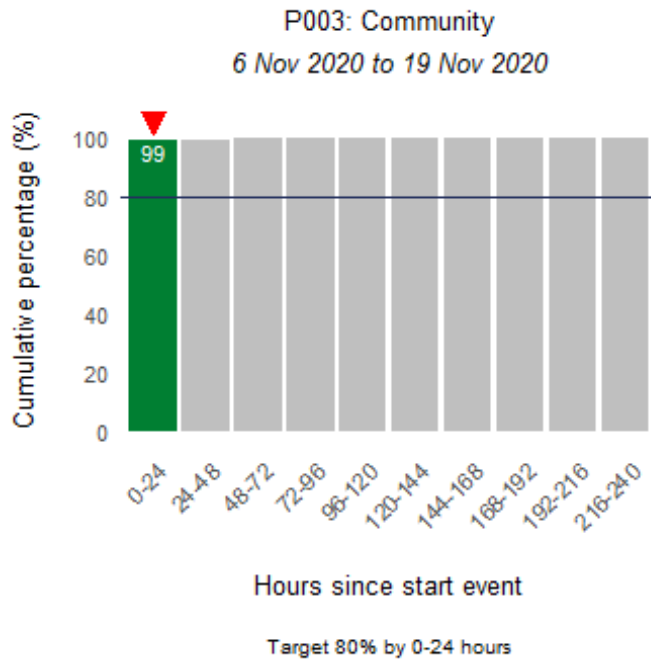
## P001 - Time from notification to case interview



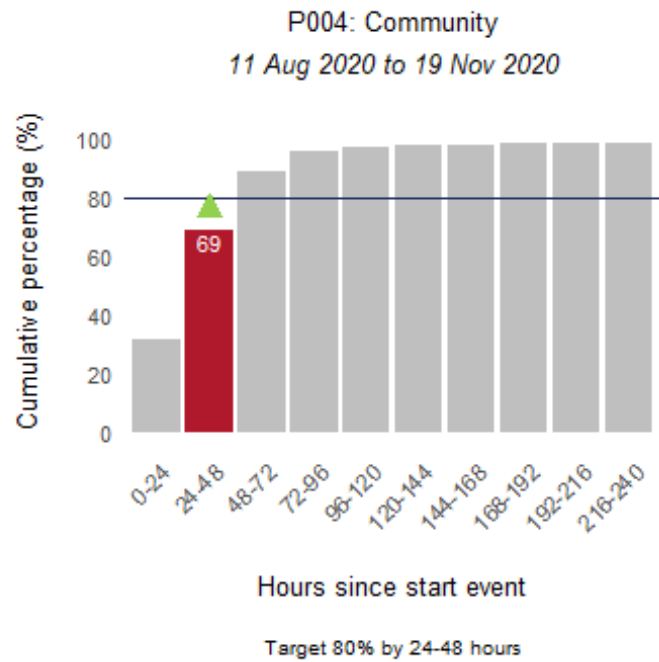
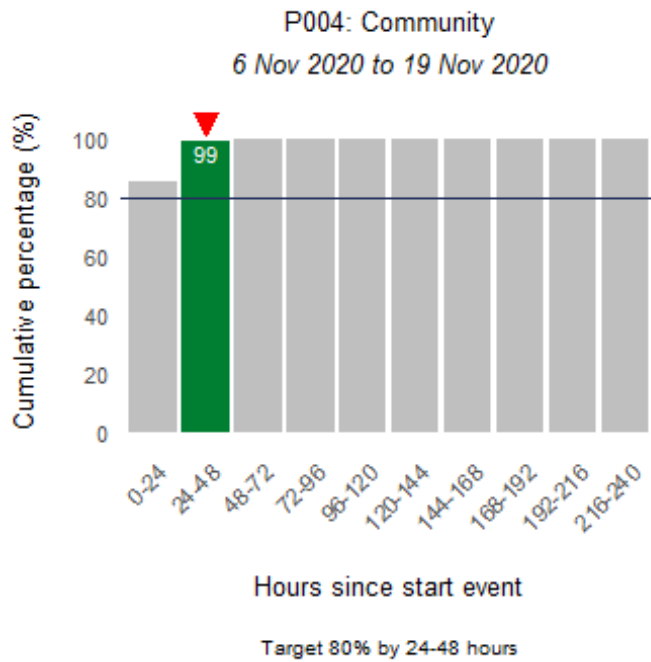
## P002 - Time from case notification to isolation / quarantine of contact



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



## P004 - Proportion of contacts traced in 48 hours



## Appendix: Summary of MIQ border and international indicators

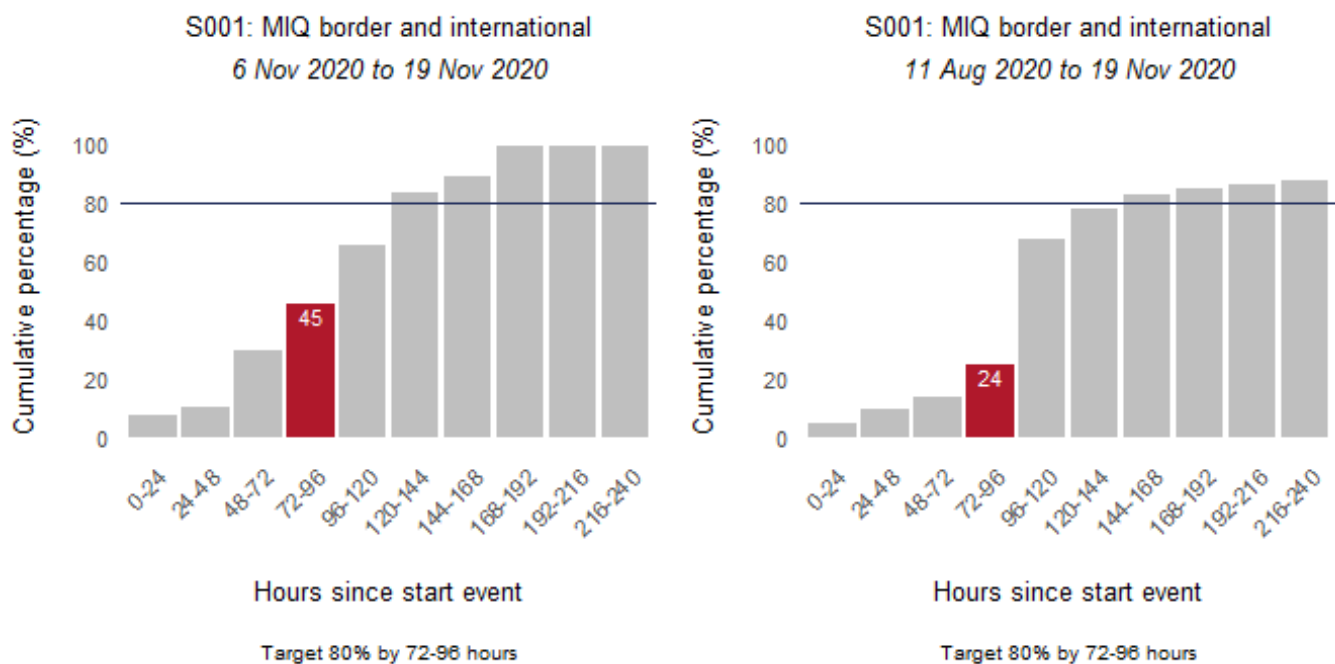
This section presents the indicators for Border Managed Isolation and Quarantine (MIQ) and International cases. Indicators **S001**, **S002**, and **C001** are affected by the inclusion of border cases in MIQ, as returnees' exposure is arbitrarily set to the day of arrival in New Zealand. They are placed into MIQ upon arrival and are tested if symptomatic or on approximately day 3 and day 12. Therefore, cases in MIQ will make the performance of these indicators appear low.

### Summary of MIQ border and international cases

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

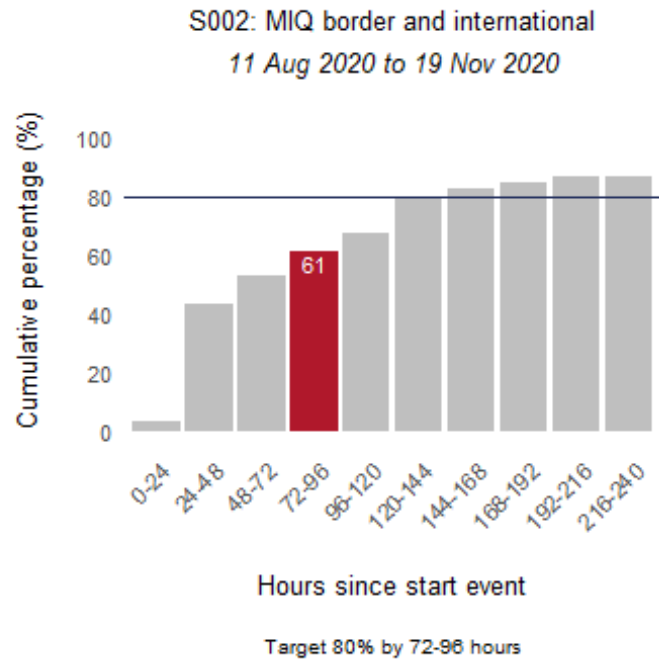
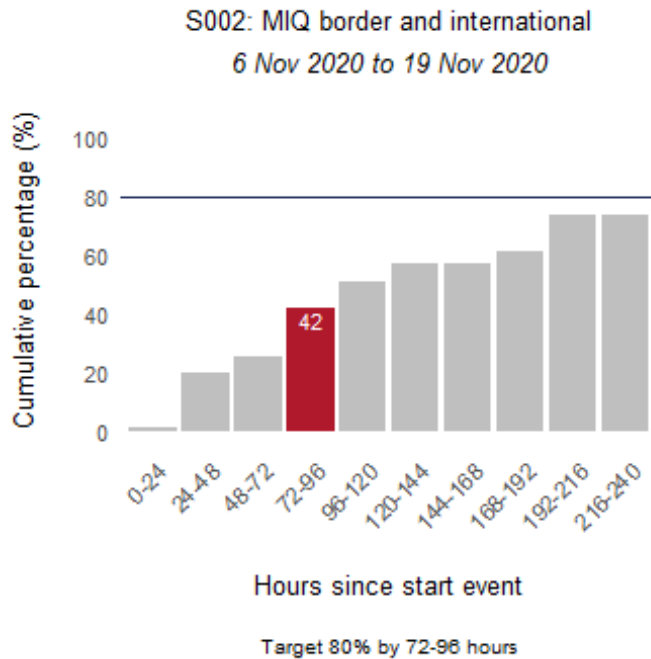
Reporting period	Cumulative
36	241

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

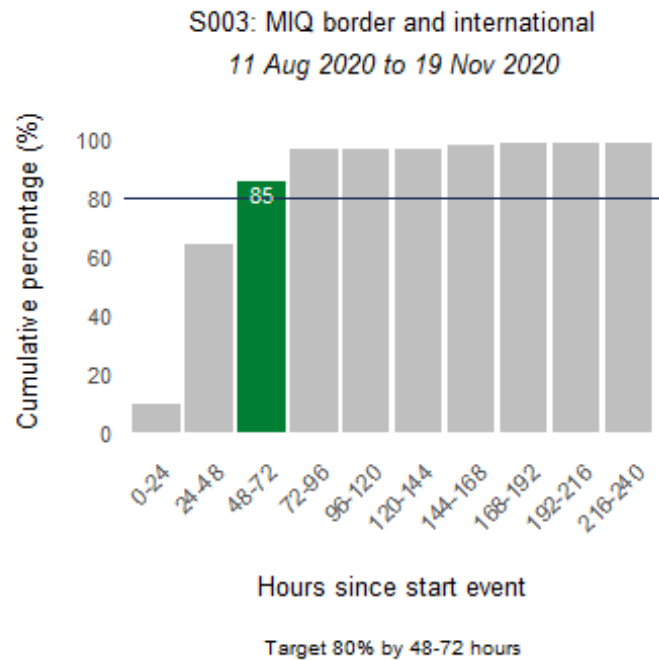
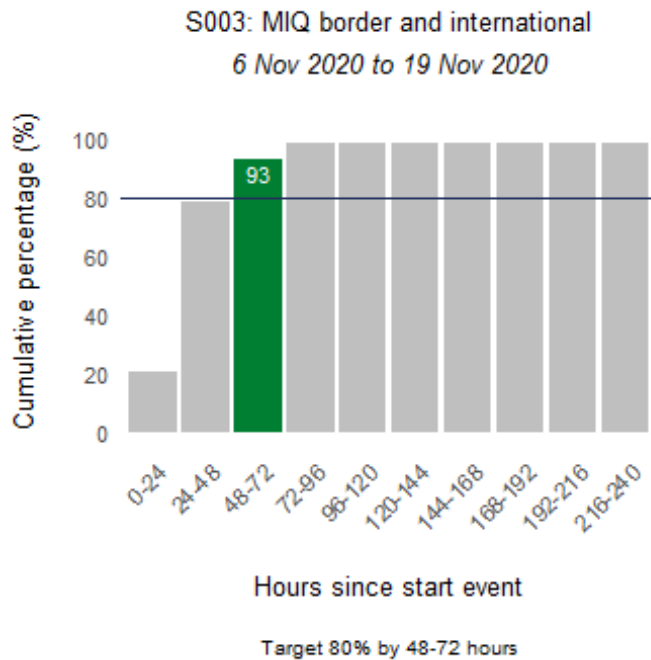




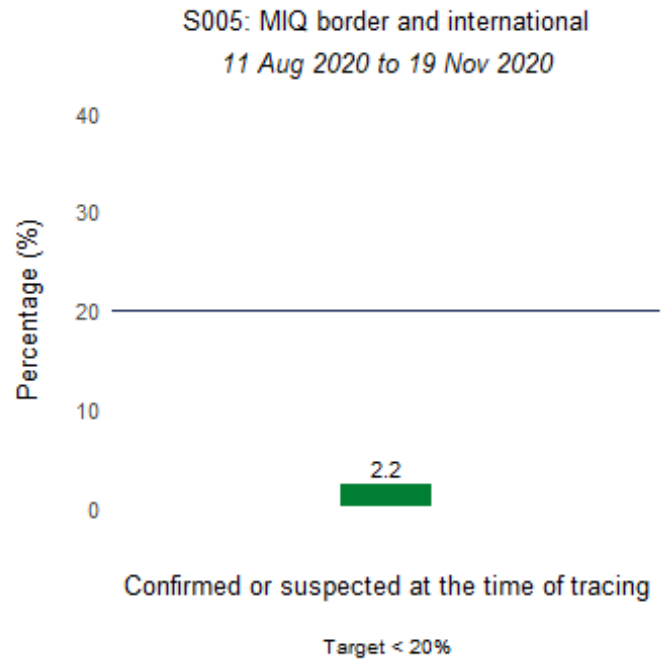
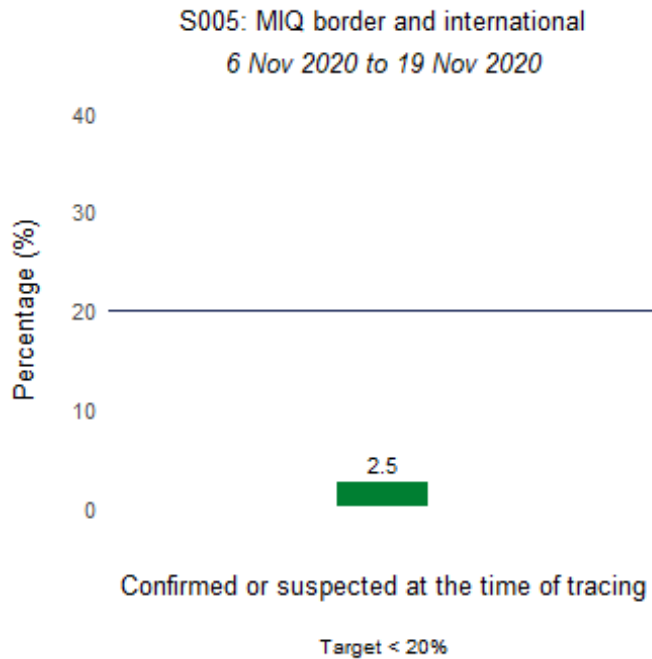
## S002 - Time from case first symptom to contact isolation / quarantine



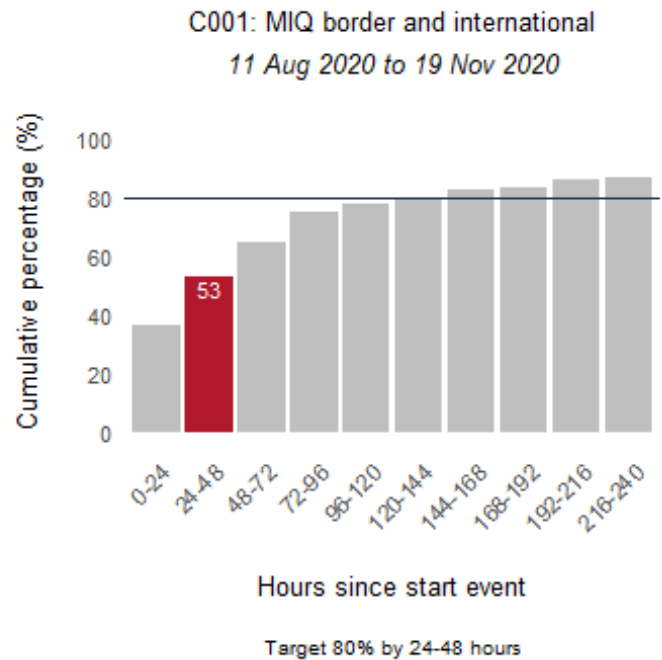
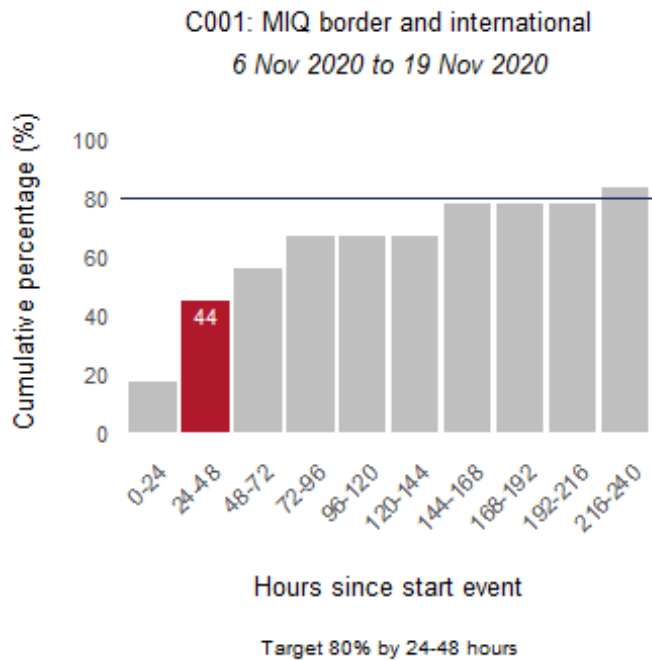
## S003 - Time from test sample taken to close contact isolation / quarantine



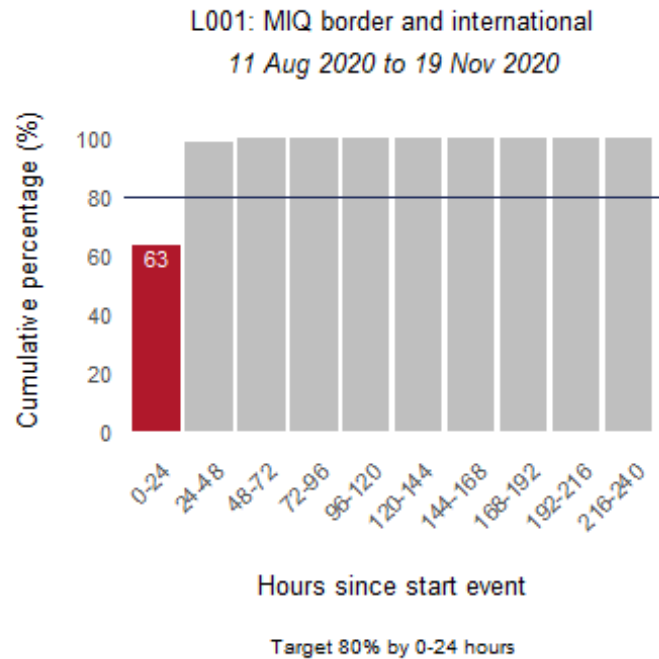
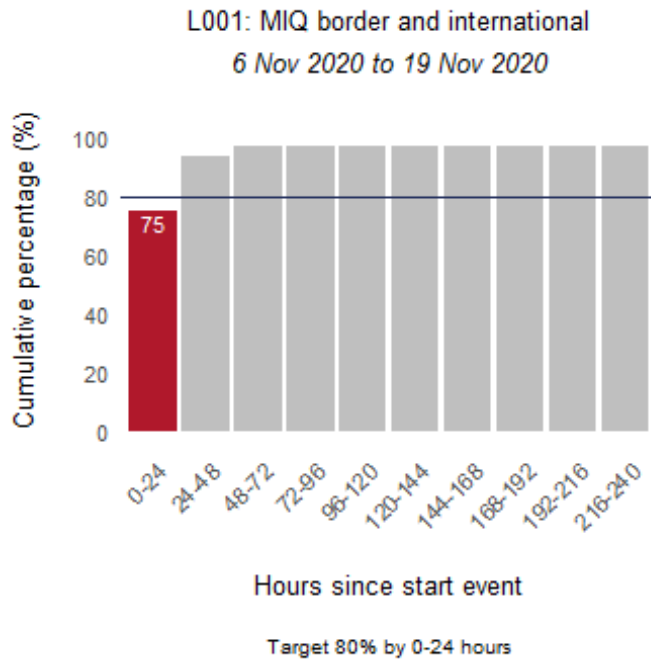
## S005 - Proportion of close contacts with confirmed or suspected COVID-19 at the time of tracing



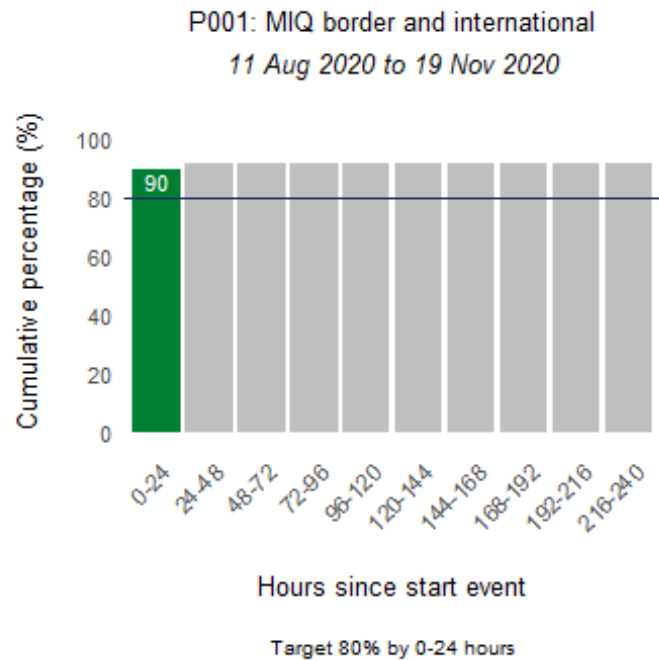
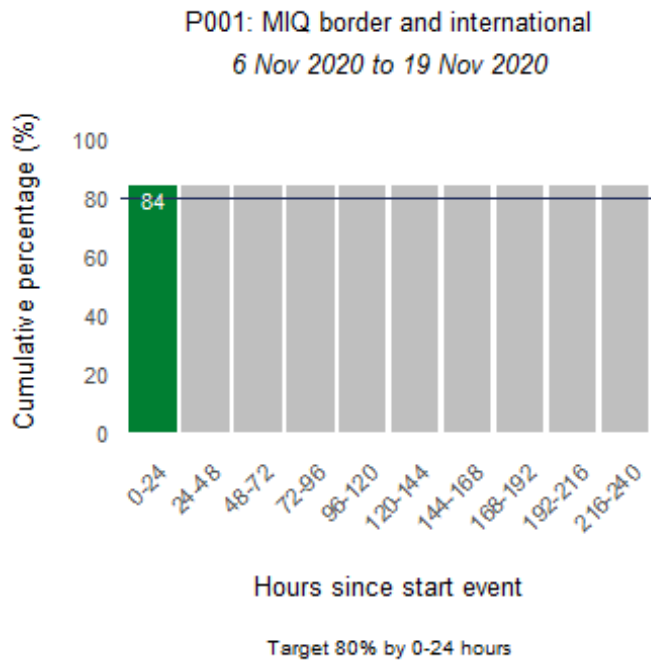
## C001 - Time from first symptom to test sample taken for positive cases



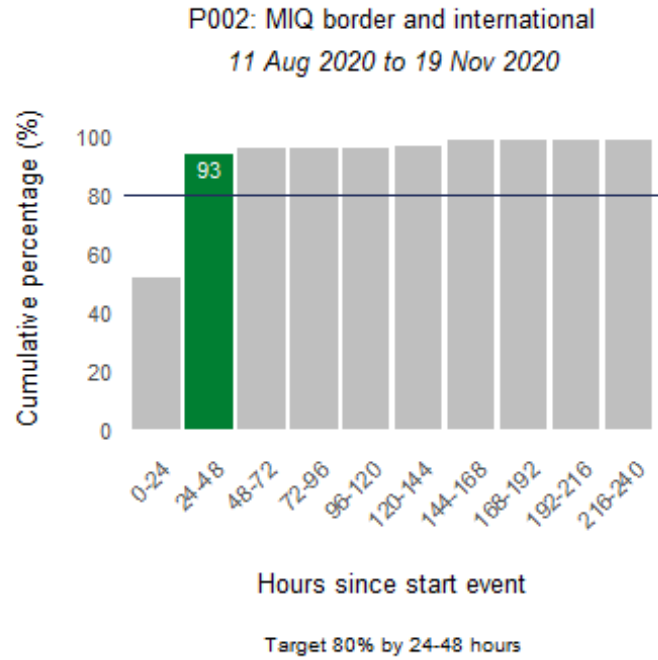
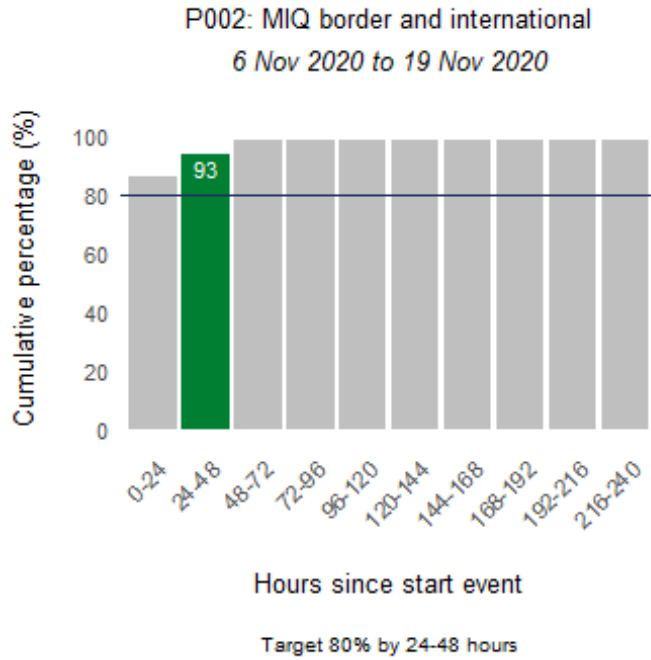
## L001 - Time from test sample taken to notification of positive result



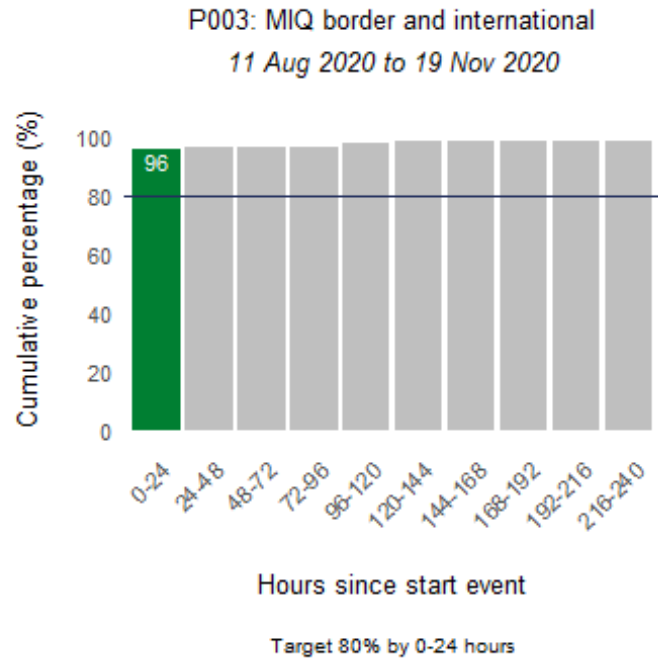
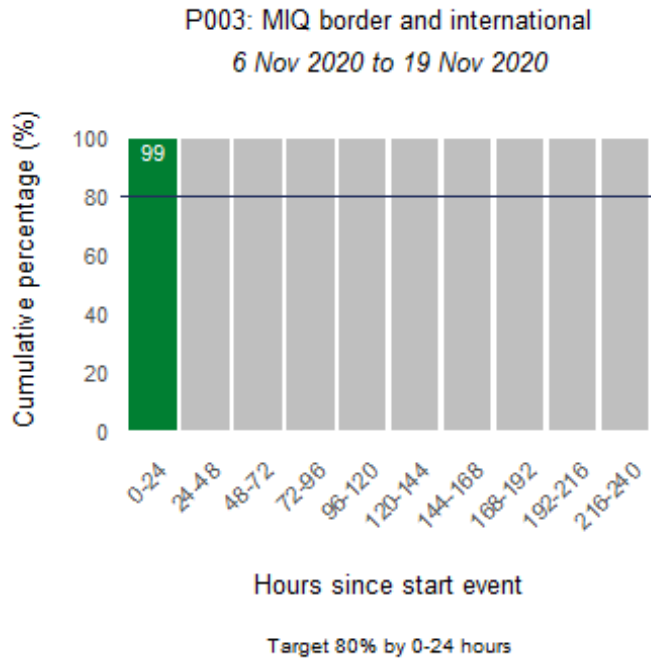
## P001 - Time from notification to case interview



## 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

