

**Commentary: 13 Apr - 29 May Snapshot**

The following information represents a rapid snapshot of the end to end national performance of the contact tracing response to the Covid-19 pandemic.

This snapshot includes data for 144 cases and 360 close contacts.

**M1 and M2 are about the case**

M1 measures the effectiveness of the public education campaigns, public awareness, access to testing facilities and ability to obtain a test (in line with criteria in the case definition). It applies only to cases for which a symptom onset date is recorded

M2 measures the ability of the health system to analyse and report positive result to Medical Officer of Health.

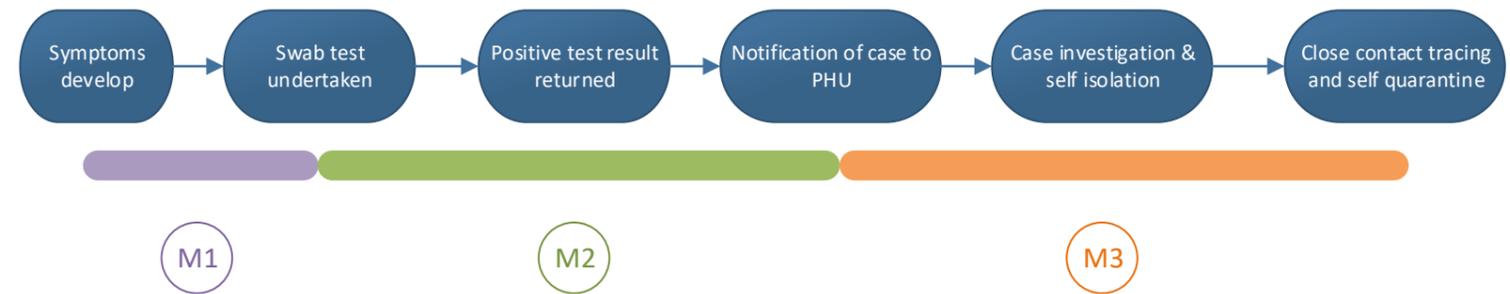
Note that M1 only and M2 only apply to confirmed cases. Probable cases are not necessarily swab tested so these metrics do not apply.

**M3 is about the close contact**

M3 measures the time from notification of the case to tracing the close contact. This metric measures the resource capacity of public health to investigate cases, identify close contacts and isolate / quarantine them in a timely manner.

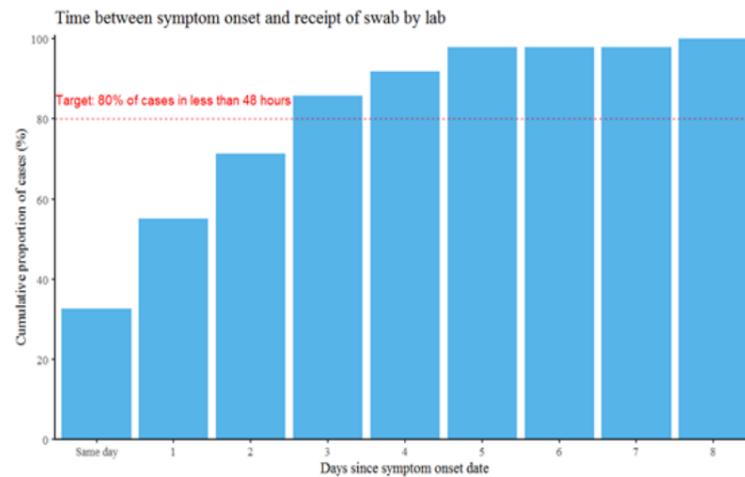
**We've removed the case definition change bias**

On 8 April the case definition changed which loosened of the criteria for testing potential cases. This change resulted in a number of people being tested, who previously did not meet the criteria, but who may have exhibited symptoms much earlier. To remove this case definition change bias, people who had symptoms prior to 10 April are excluded from plot M1.



**M1 Effectiveness of public education and access to healthcare**

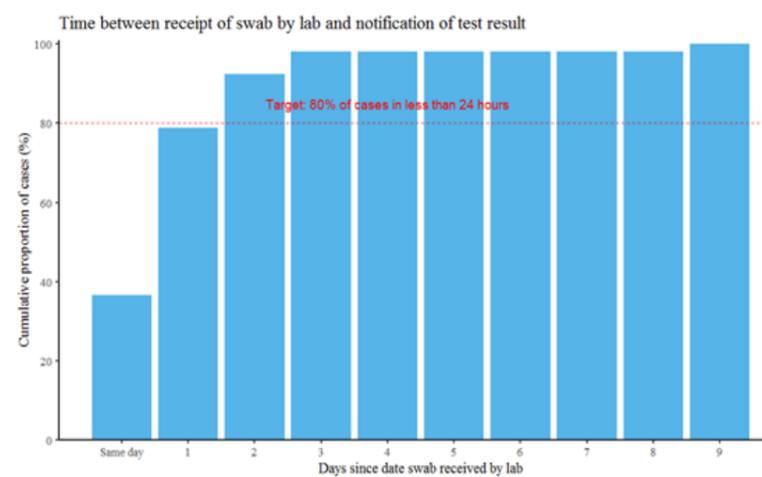
Target: 80% within 48 hrs  
Achieved: 71%



Note: This is a proxy for time between symptom onset and swab date. This graph uses the date the swab is received by the lab rather than the swab date itself due to data availability issues. As such, the graph shows slightly longer elapsed times than the real intended metric.

**M2 Effectiveness of testing and laboratory process**

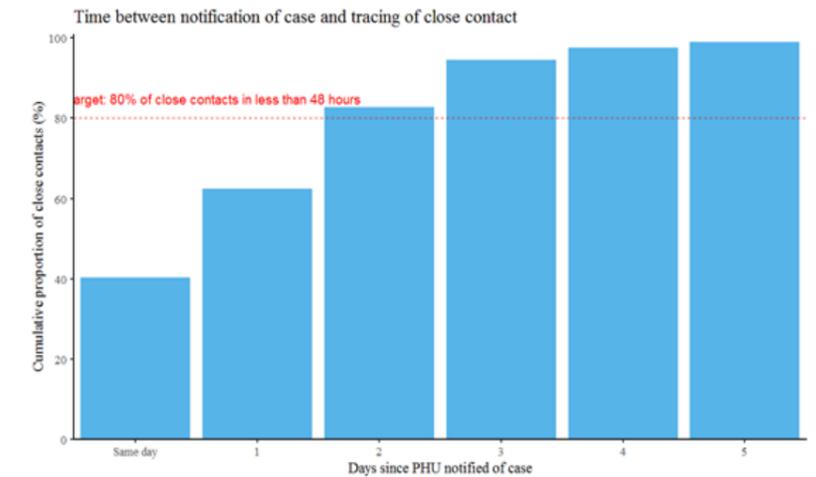
Target 80% within 24 hrs  
Achieved: 79%



Note: This is a proxy for time between swab test and the notification of a positive result in EpiSurv. This graph uses the date the swab is received by the lab rather than the swab date itself due to data availability issues. As such the graph shows slightly shorter elapsed times than the real intended metric.

**M3 Effectiveness of public health response**

Target: 80% within 48 hrs  
Achieved: 83%



Note: Only the date rather than the date and time is available for many events. Day 0 is assumed to be the same day a particular event takes place and Day 1 is deemed to be the end of the following day. Using day 1 as 24 hrs and Day 2 as 48 hrs on the graphs means they may overstate the proportion completed.