



National Public Health Emergency Team (NPHET) Report

19th May – 12th July



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Introduction

This report covers close contacts of cases of COVID-19 identified for the period from 19th May to the 12th of July.

Day 0 testing commenced on 19th May. Day 7 testing commenced on 28th May (for those whose last date of exposure was 21st May). Data are provisional. Analysis is based on the following data extracts as of 10pm, 13th July:

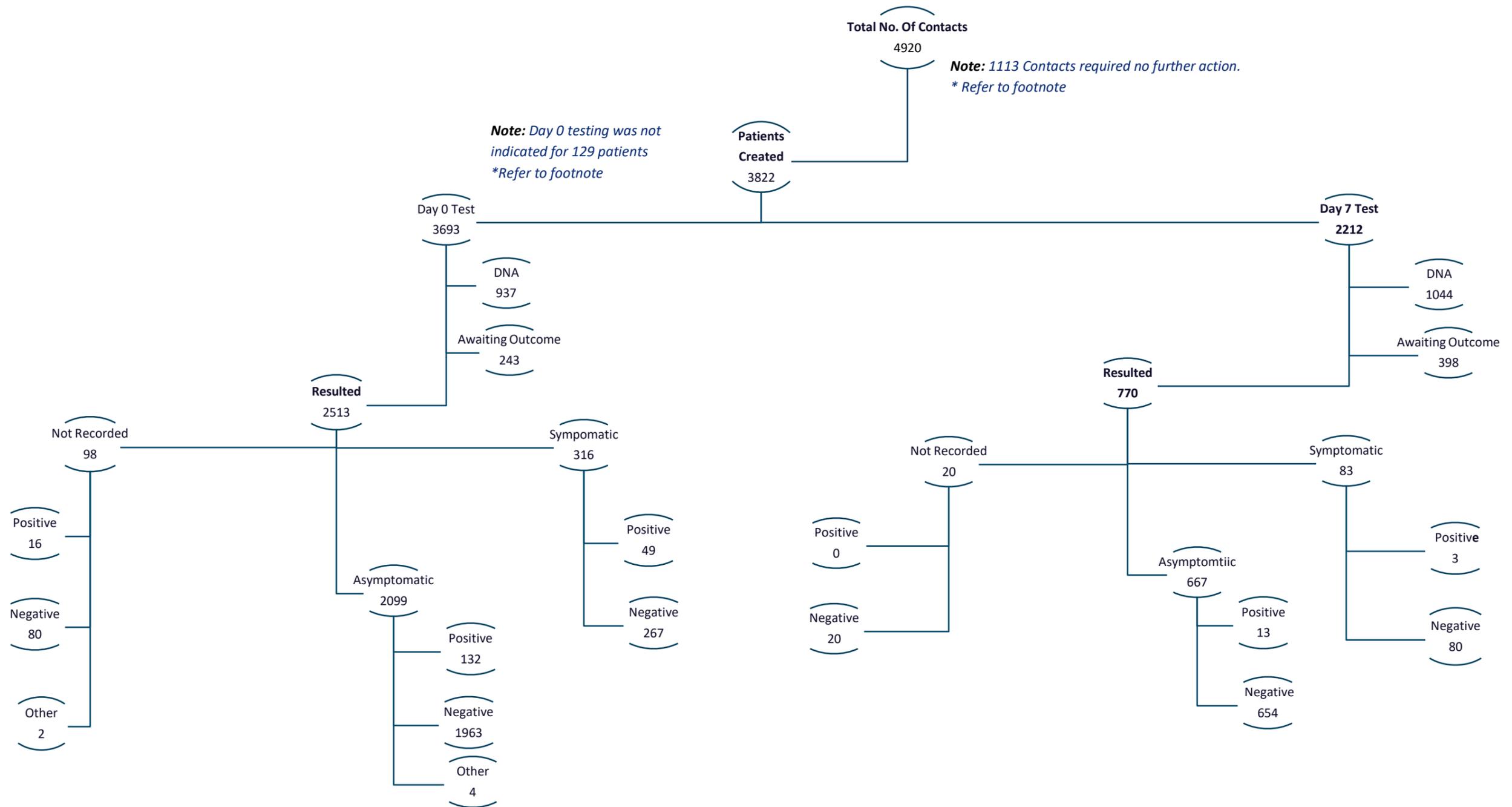
- CCT Extracts – Patient and Contacts
- Swiftqueue Referrals Extract
- Laboratory Results Extract

Limitations:

While attempts were made to identify alternative COVID-19 IDs for patients where data was incomplete, it was not possible in all instances.



Contact Tracing Overview – Day 0 and Day 7 Testing



Notes: Day 0 tests were not indicated for 129 patients.

***Patients required no further action on the CovidCare Tracker in the following instances:**

- Managed off-line by local DPH's e.g. in setting of outbreak
- Simultaneous contact of multiple cases, already undergoing active surveillance and referred for testing
- Previously tested positive
- Invalid contact information, case unable to provide further detail

***Definitions:**

'Other' - Test result other than detected or not detected i.e. Invalid, Indeterminate, Inhibitory, Not Tested

'Awaiting Outcome' – No test results reported for patient's associated CovidID



COVID-19 Day 0 Test Results

Day 0 – Reporting Period 19th May to 12th July

Day 0 Test				
Result	Symptomatic No. (%)	Asymptomatic No. (%)	Not recorded No.	Total No. (%)
Positive	49 (16)	132 (6)	16 (16)	197 (8)
Negative	267 (84)	1963 (94)	80 (82)	2310 (92)
Other		4 (<1)	2 (2)	6 (<1)
	316 (100)	2099 (100)	98 (100)	2513 (100)

COVID-19 Day 7 Test Results

Day 0 – Reporting Period 19th May to 12th July

Day 7 Test				
Result	Symptomatic No. (%)	Asymptomatic No. (%)	Not recorded No.	Total No. (%)
Positive	3 (4)	13 (2)	0 (0)	16 (2)
Negative	80 (96)	654 (98)	20 (100)	754 (98)
Other	0 (0)	0 (0)	0 (0)	0 (0)
	83 (100)	667 (100)	20 (100)	770 (100)

Data are provisional

Other includes invalid/inhibitory/indeterminate

Those who had tested positive within the past three months were not re-tested

Some close contacts are managed off the CCT



Result Changes

There were 770 close contacts where the initial day 0 test result was negative and day 7 test results were available. Of these, 16 (2.1%) converted to positive.

Follow up of those who “Do not attend”

An analysis of those who do not attend is being undertaken. Preliminary information indicates that rates are highest in the very young, and the elderly. Consideration needs to be given to the extent of follow-up that is appropriate in these age-groups. More detailed breakdown of outcomes by age-group will assist with this.

A phonecall to contacts during their Daily Active Follow-up period would serve to check on attendance for testing, as indicated, and also compliance with restricting of movements.

Operationalisation of this type of follow-up will be investigated.

Daily Active Follow Up Overview for 6th to 12th July

Reporting Period 5th – 12th July

Daily active follow-up involves daily text messages to close contacts of cases for up to 14 days after last exposure to a confirmed case. This includes advice to continue to restrict movements, and to self-isolate, call their GP, or a Contact Tracing Centre line, if symptoms develop.

For the week ending 12th July:

- 3,934 text messages of daily active follow up were sent to close contacts of cases, a 37% increase on the previous week.
- 61 calls were received on the DAFU line (on average 12/day, down 27% from the previous week). Most of the calls relate to general queries, not development of symptoms.
- Total test referrals from DAFU was eight.



Number of Close Contacts per Case

The mean and median number of close contacts per case since 19th May, and for the last week, is outlined graphically, and in tabular format, respectively, below.



Mean and median close contacts per case – 6th of July to 12th of July

Date	Median	Mean
Monday 6 July 2020	3.5	6.5
Tuesday 7 July 2020	4.5	7.0
Wednesday 8 July 2020	4.0	4.7
Thursday 9 July 2020	1.0	3.6
Friday 10 July 2020	3.5	4.6
Saturday 11 July 2020	4.0	4.0
Sunday 12 July 2020	5.0	4.9

Ends.