



# National Public Health Emergency Team (NPHET) Report

19<sup>th</sup> May – 19<sup>th</sup> July

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## Introduction

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

Day 0 testing of all close contacts commenced on 19<sup>th</sup> May. Day 7 testing commenced on 28<sup>th</sup> May (for those whose last date of exposure was 21<sup>st</sup> May). Data are provisional. Analysis is based on the following data extracts as of 10pm, 20<sup>th</sup> July:

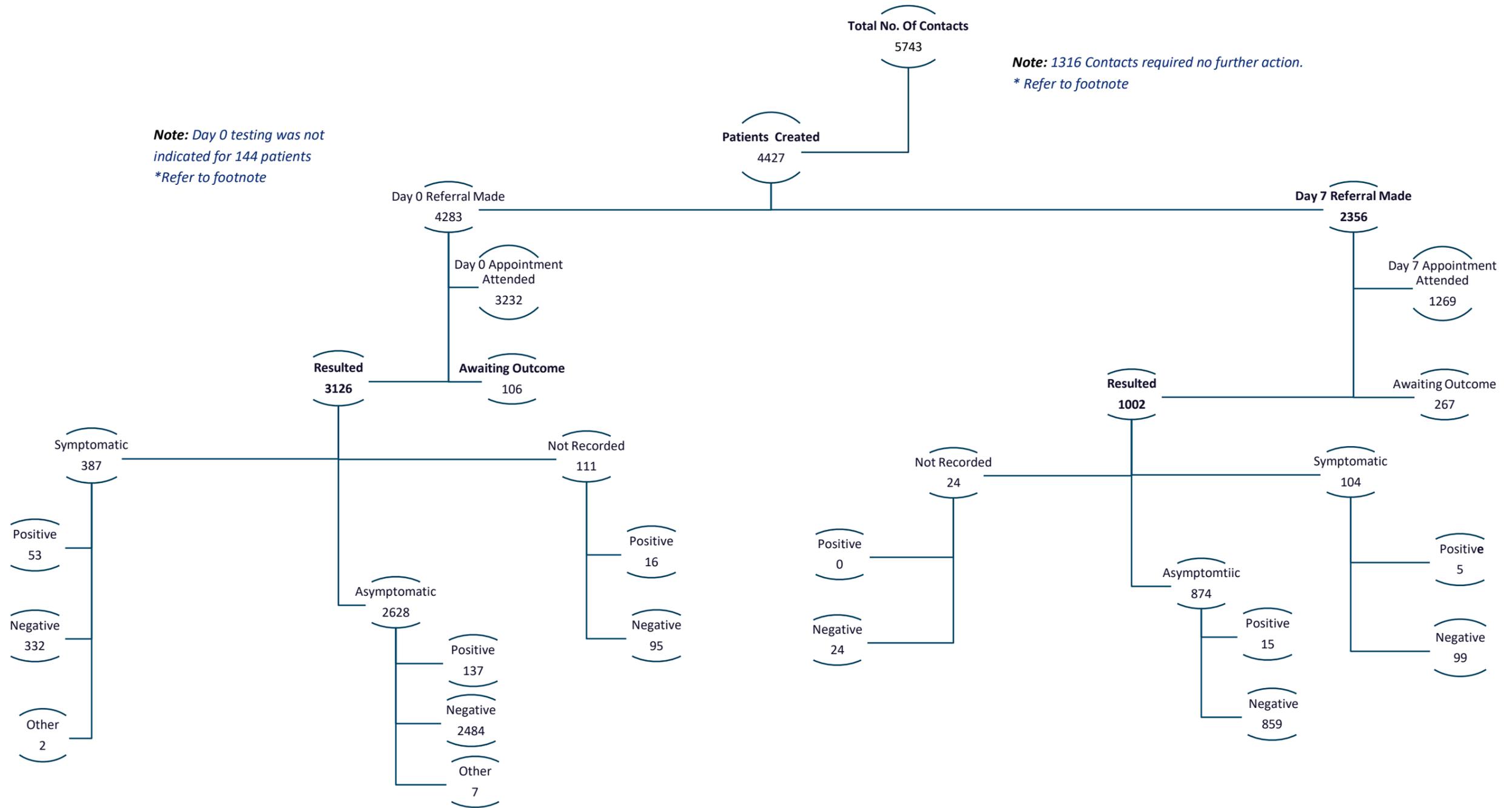
- CCT Extracts – Patient and Contacts
- Swiftqueue Referrals Extract
- Laboratory Results Extract

### 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 Outcomes – Day 0 and Day 7 Testing



*Note: Day 0 testing was not indicated for 144 patients  
\*Refer to footnote*

*Note: 1316 Contacts required no further action.  
\* Refer to footnote*

Noted: Day 0 testing in progress \* Refer to footnote  
 Noted: Day 7 testing in progress \* Refer to footnote

**\*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
- Day 7 test not indicated if Day 0 test positive or within 24 hours of Day 7.

**\*Definitions:**

'Other' - Test result other than detected or not detected i.e. Invalid, Indeterminate, Inhibitory, Not Tested  
 'Awaiting Outcome' – Result pending in laboratory.



## SARS-CoV2 Day 0 Test Results

Day 0 – Reporting Period 19<sup>th</sup> May to 19<sup>th</sup> July

Day 0 Test				
Result	Symptomatic No. (%)	Asymptomatic No. (%)	Not recorded No.	Total No. (%)
Positive	53 (14)	137 (5)	16 (14)	206 (7)
Not detected	332 (86)	2484 (95)	95 (86)	2911 (93)
Other	2 (<0)	7 (<1)	0 (0)	9 (<1)
	387 (100)	2628 (100)	111 (100)	3126 (100)

## SARS-CoV2 Day 7 Test Results

Day 7 – Reporting Period 19<sup>th</sup> May to 19<sup>th</sup> July

Day 7 Test				
Result	Symptomatic No. (%)	Asymptomatic No. (%)	Not recorded No.	Total No. (%)
Positive	5 (5)	15 (2)	0 (0)	20 (2)
Not detected	99 (95)	859 (98)	24 (100)	982 (98)
Other	0 (0)	0 (0)	0 (0)	0 (0)
	104 (100)	874 (100)	24 (100)	1002 (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 1002 close contacts where the initial day 0 test result was negative, and day 7 test results were available. Of these, 20 (2%) converted to positive.

## Follow up of those who “Do not attend”

An analysis of those who do not have a test performed 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. A breakdown of attendance by age group is presented below.

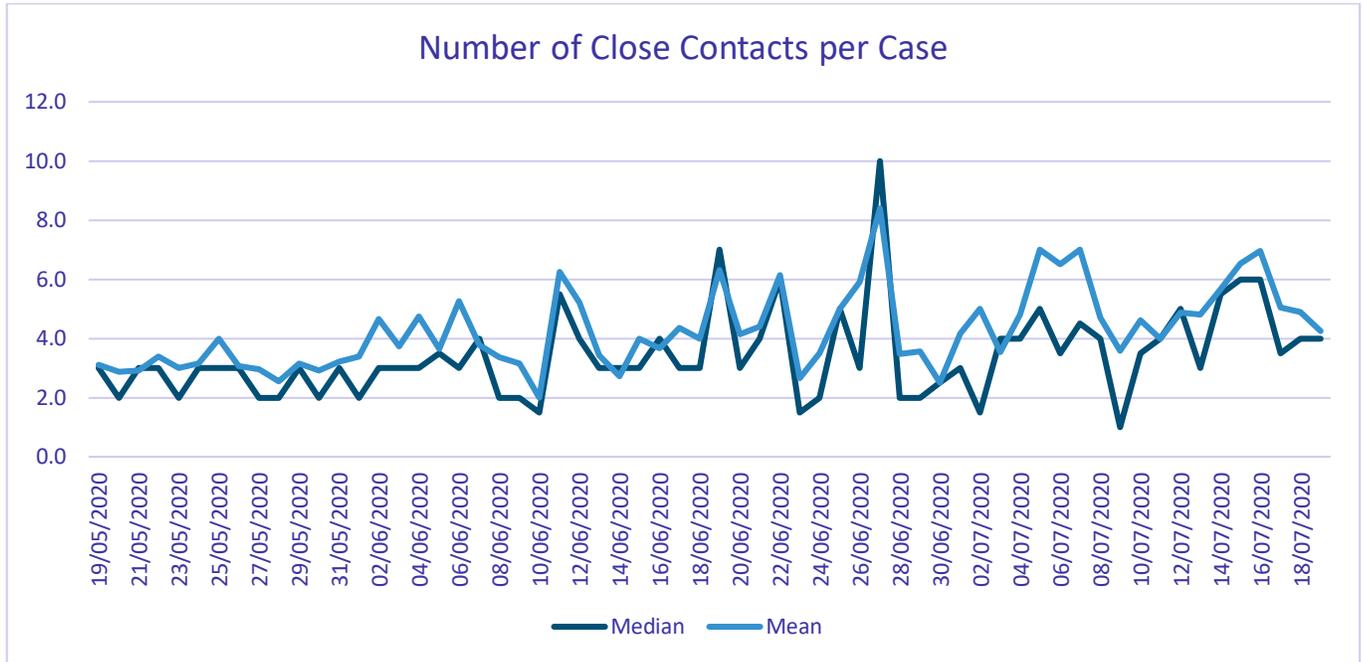
Attendance Rates by Age Group										
Age Group	0 to 9	10 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 to 79	80+	All
Day 0 Tests Performed	66%	79%	75%	76%	78%	80%	82%	68%	38%	75%
Day 7 Tests Performed	42%	56%	56%	53%	54%	61%	66%	45%	32%	54%

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.



## Number of Close Contacts per Case

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



### Mean and median close contacts per case – 13<sup>th</sup> of July to 19<sup>th</sup> of July

Date	Median	Mean
Monday 13 July 2020	3.0	4.8
Tuesday 14 July 2020	5.5	5.7
Wednesday 15 July 2020	6.0	6.5
Thursday 16 July 2020	6.0	7.0
Friday 17 July 2020	3.5	5.0
Saturday 18 July 2020	4.0	4.9
Sunday 19 July 2020	4.0	4.3



## Close and Complex Contact Overview, week 13-19<sup>th</sup> July

In the week ending June 19<sup>th</sup> 2020, 823 close contacts were recorded on the Covidcare Tracker. The area of residence, demographic profile, circumstances of contact and symptomatic status of those close contacts are outlined below. Complex contact situations e.g. flights, restaurants, sporting clubs are also outlined. These situations are investigated by staff in Departments of Public Health. Close contacts identified are managed by staff in Departments of Public Health, and by the CMP, thereafter.

### Source of Close Contacts

Call to Index Case	<b>780 (95%)</b>
COVID Tracker App*	<b>45 (5%)</b>

\* App identified contacts are categorized as “call to index case” if they are identified through both methods

### Contacts by Region

Region	No. of Close Contacts	No. of Complex Contacts
East	420	67
Midlands	15	
Midwest	7	1
Northeast	74	7
Northwest	5	
South	147	
Southeast	55	8
West	65	11
Northern Ireland	4	
Not Recorded	31	6
<b>Total</b>	<b>823</b>	<b>100</b>



## Close Contact Demographic Details

Age Group	Female	Male	Not Recorded	Total
0 to 9	26	22	1	49
10 to 19	21	44	2	67
20 to 29	88	70	10	168
30 to 39	77	85	14	176
40 to 49	50	37	3	90
50 to 59	50	35	8	93
60 to 69	33	19	2	54
70 to 79	15	9		24
80+	19	3		22
Not Recorded	27	23	30	80
<b>Total</b>	<b>406</b>	<b>347</b>	<b>70</b>	<b>823</b>

## Close Contacts: circumstances and symptoms

Circumstance	Symptoms			Total
	Symptomatic	Asymptomatic	Not Recorded	
Household	24	165	19	208
Social	24	173	20	217
Work	13	101	11	125
Transport	0	28	8	36
Sport	3	11	3	17
Healthcare Facility: Patient	4	22	0	26
Other	2	12	3	17
Not recorded	33	133	11	179
<b>Total</b>	<b>103</b>	<b>645</b>	<b>75</b>	<b>823</b>



## Complex Contacts – Reason for Complexity

Educational Institute	1
Flight	11
Hospital	14
Nursing Home	21
Other Residential Care Setting	4
Potential outbreak in another setting	28
Public transport	12
Social Venue	9
<b>Total</b>	<b>100</b>

Data are provisional

Some close contacts are managed off the CCT

## Daily Active Follow Up Overview for 13<sup>th</sup> to 19<sup>th</sup> July

### Reporting Period 13<sup>th</sup> – 19<sup>th</sup> 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 19th July:

- 5498 text messages of daily active follow up were sent to close contacts of cases, a 40% increase on the previous week.
- 92 calls were received on the DAFU line (on average 13/day, up 51% from the previous week). Most of the calls relate to general queries, not development of symptoms.
- Total test referrals from DAFU was six.

**Ends.**