

HSE COVID-19 Test and Trace Briefing

11th of March, 2020



Test and Trace Briefing



Testing Volumes and Turnaround Times



Testing Programmes

- Serial Testing in RCFs
- Serial Testing in Food Production Facilities
- Testing in Education and Childcare Facilities



Test and Trace Trends

- Referrals
- Community Testing Demand
- Lab Demand
- Positivity Rate
- Average Close contact trend



Service Improvements and Updates

- Recruitment



Testing Volumes and Turnaround Times



Test and Trace Headlines

Over 3,673,049
Lab Tests Completed to Date



1.4 days

Community - median end to end TAT for a not detected result



2 days

Community - median end to end for a detected result



97,270+

Total Swabs last week



96,230+

Total number of laboratory tests last week



2,900+

No. of individuals with contact tracing complete in the last week

Note: The above TaT and volume metrics refer to the seven day date range from 3rd – 9th of March.



Test and Trace Volumes

The following metrics and turnaround times refer to the seven days from 3rd – 9th March.

Swabbing

- c. **97,275 swabs samples** this week – meeting all demand including serial testing.
- This total swabbing figure includes approximately **32,782 taken in the community**, **41,262 taken in acute and private acute settings** and **23,321 taken as part of serial testing** of Staff in Food Plants and Residential Care Facilities.
- We have had **34 static testing centres** in operation, with pop up testing sites in areas of most acute need.
- Over the past week, a pop-up testing centre was open in Donegal (Cleary Centre).
- Community testing demand has decreased by **10.4% in the last week**.
- **92.4%** of GP referrals are provided with a COVID-19 test appointment within 24 hours.
- Attendance of close contacts at Day 0 testing is **85%** and **79%** at Day 10 testing

Laboratories

- Laboratories processed **96,233 tests** across our network of 46 labs.
- The average detected rate over the past week is **approximately 3.8%**.

Contact Tracing

- Over the last 7 days, positivity in close contact testing is 23.9%, it is highest in household close contacts where it is 31.9%
- From 3rd – 9th of March, of those who recorded close contacts, the average number close contacts are 3.2 per person.
- From 3rd – 9th of March a total of 3,461 calls were completed to individuals who received a confirmed COVID-19 detected test result.
- From 3rd – 9th of March, contact tracing was completed for c.2,907 individuals that had a confirmed COVID-19 case
- In addition, c.4,424 calls were made to close contacts.



Test and Trace Turnaround Times

The following metrics and turnaround times refer to the 7 day date range from 3rd – 9th March.



Turnaround

- Swab to lab result for community and acute settings is **22 hours**.
- **80% of people receive their test result in less than 36 hours** and **96%** within **48 hours** within the community.
- All contact tracing calls are completed within a median of **6.1 hours** and a **mean of 3.7 hours**.
- In the last seven days, in the community, we have delivered a **median end to end turnaround time of 1.4 days for not detected results**.
- In the last seven days, in the community, we have delivered a **median end to end turnaround time of 2 days for detected results**.



Testing Programmes





Serial Testing in Nursing Homes Cycle 9

393

Facilities Tested



20,176

Tests Completed

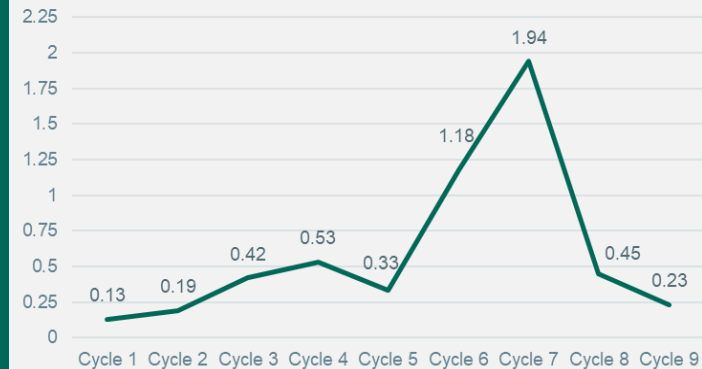


46 detected cases



(0.23% detected rate)

Nursing Home Detected Rate per Cycle



Cycle 9, to date, has had the **lowest detected rate** since Cycle 2 (8th August – 4th September 2020)



Serial Testing in Mental Health Facilities Cycle 2

29

Facilities Tested



574

Tests Completed



2 detected cases

(0.35% detected rate)





Serial Testing in Disability Facilities Cycle 1

92
Facilities Tested



5,632
Tests Completed



27 detected cases

(0.48% detected rate)





Serial Testing in Food Production Facilities Cycle 7

12
Facilities Tested



2,121
Tests Completed



4 detected cases

(0.19% detected rate)





In the Last Week

1.1 days

from swab to
communication of
result

Testing in Education and Childcare Facilities

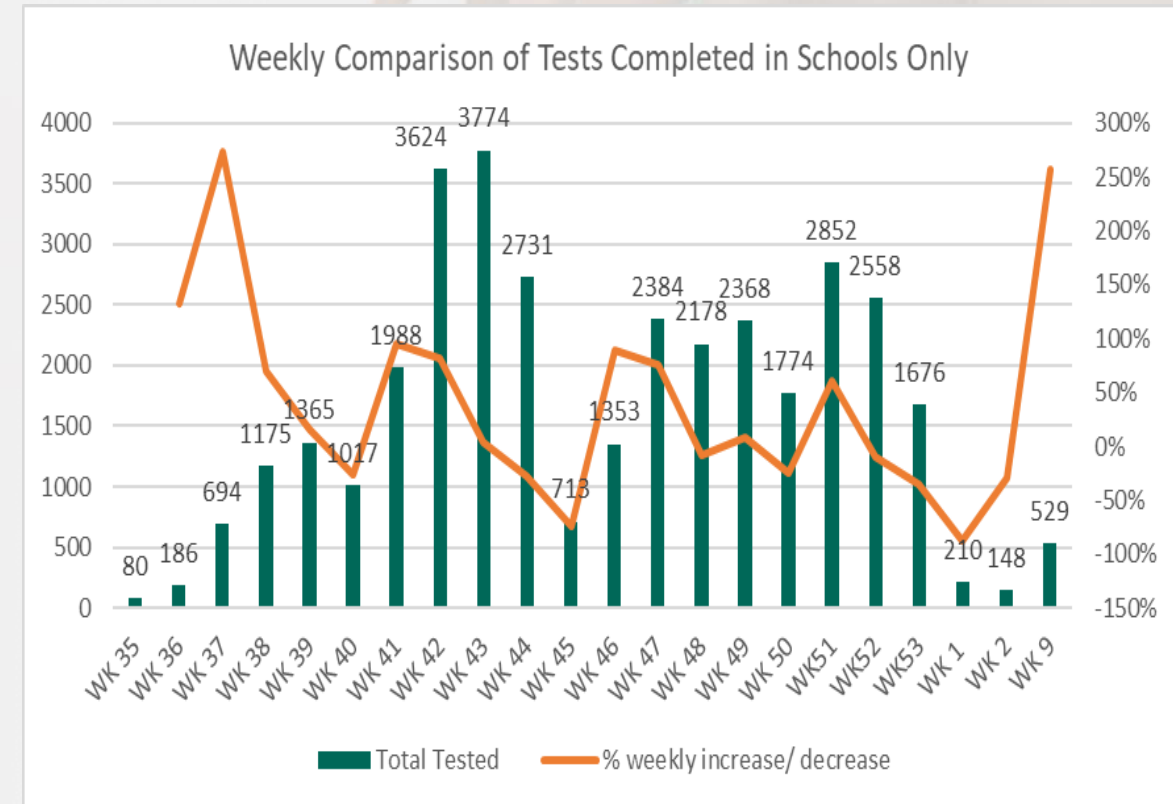
primary schools	Post primary schools	Special schools	Childcare facilities
231 individuals	135 individuals	113 individuals	488 individuals
17 primary schools	10 post primary schools	7 special schools	37 childcare facilities
1.4% Positivity rate	0.7% Positivity rate	0.9% Positivity rate	8.8% Positivity rate



Education Facilities

Weekly Comparison of Tests Completed in Schools

- The graph provides a week to week view of the levels of testing completed in **Schools and Special Education settings**.
- In the last week (week 9, 28th February – 6th March 2021), there were **over 500 tests completed**.
- This level of testing is similar to levels completed in early November, c.700 tests (week 45, 1st – 7th of November).
- Testing demand in schools will continue to be monitored as more students return in the coming weeks.

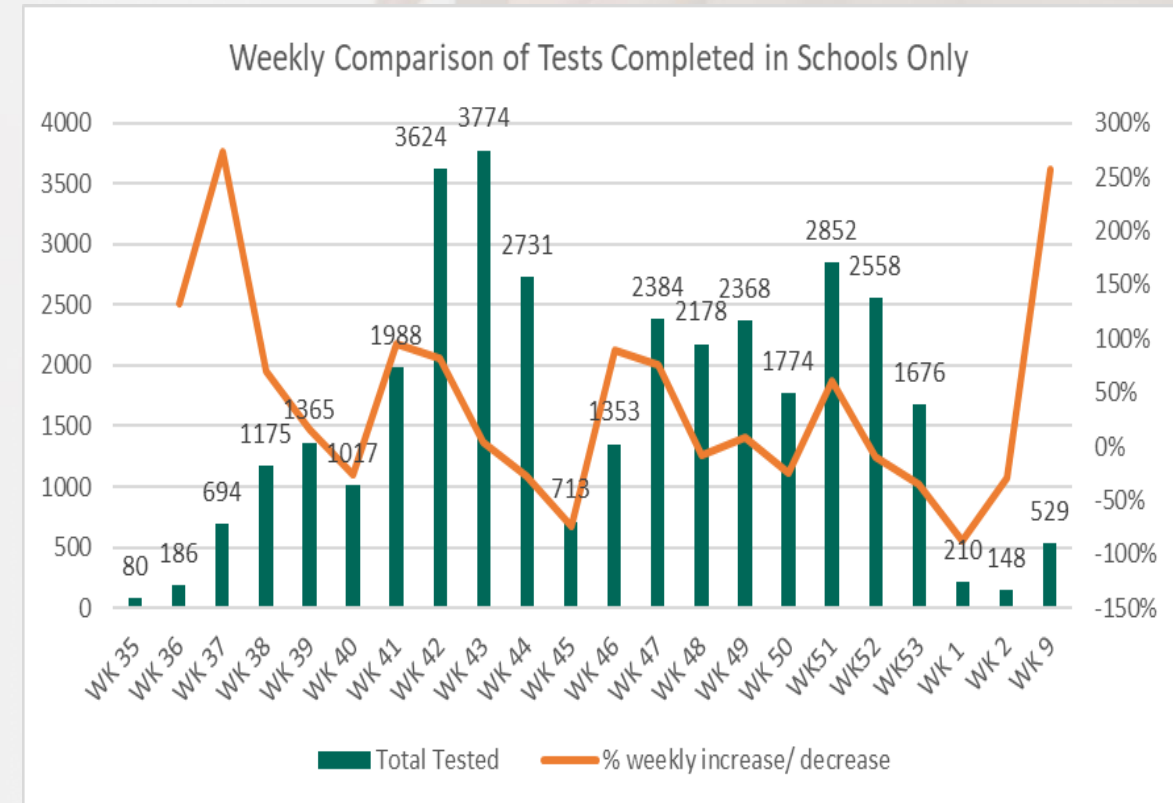




Childcare Facilities

Weekly Comparison of Tests Completed in Childcare facilities

- The graph provides a week to week view of the levels of testing and % increase/decrease of testing completed in **Childcare Facilities**.
- In the last week, (week 9, 28th February – 6th March 2021), there were c.488 tests completed.
- The number of tests completed in childcare facilities has remained stable since week 4 (24/01/2021 – 30/01/2021), at c.400-500 per week.



Weekly Analysis of Childcare Facility Testing by Week



Testing and Trace Trends





What can we see from the trends



Referrals and Age Group

The 21-30 age group has the highest level of referrals in the last week



Community Demand

Community Demand for Testing continues to decrease week on week



Acute lab levels

The level of testing completed by our Acute labs remains high between 28,000-30,000 each week, over the past for weeks



Positivity Rate

The overall positivity rate is decreasing



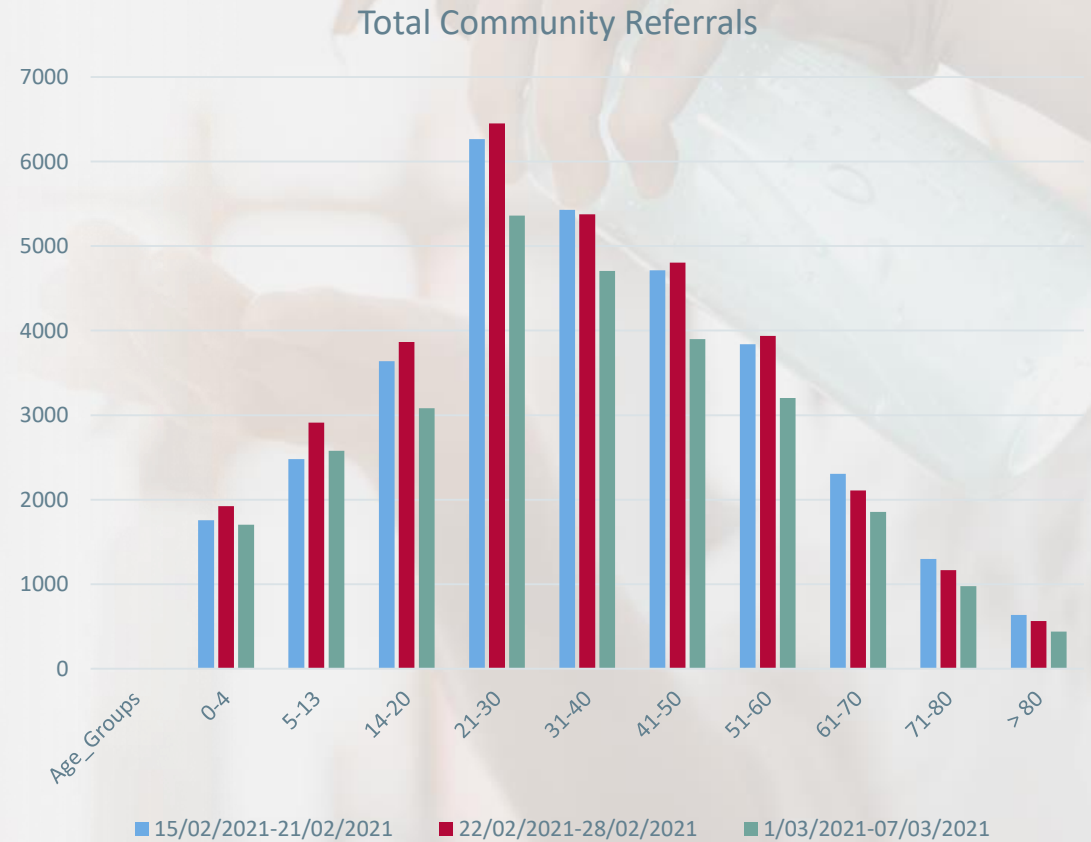
Close Contacts

Close Contact Trends remain steady. For those who reported close contacts, close contacts are c.3 individuals per person



Community Referrals by Age Group

- In the last week, the age group with the highest percentage of referrals was the 21-30 age group.
- The 21-30 age group made up 19.3% of all referrals.
- The detected rate of this age group was c.12.2%.





Community Demand For Testing

10.4%



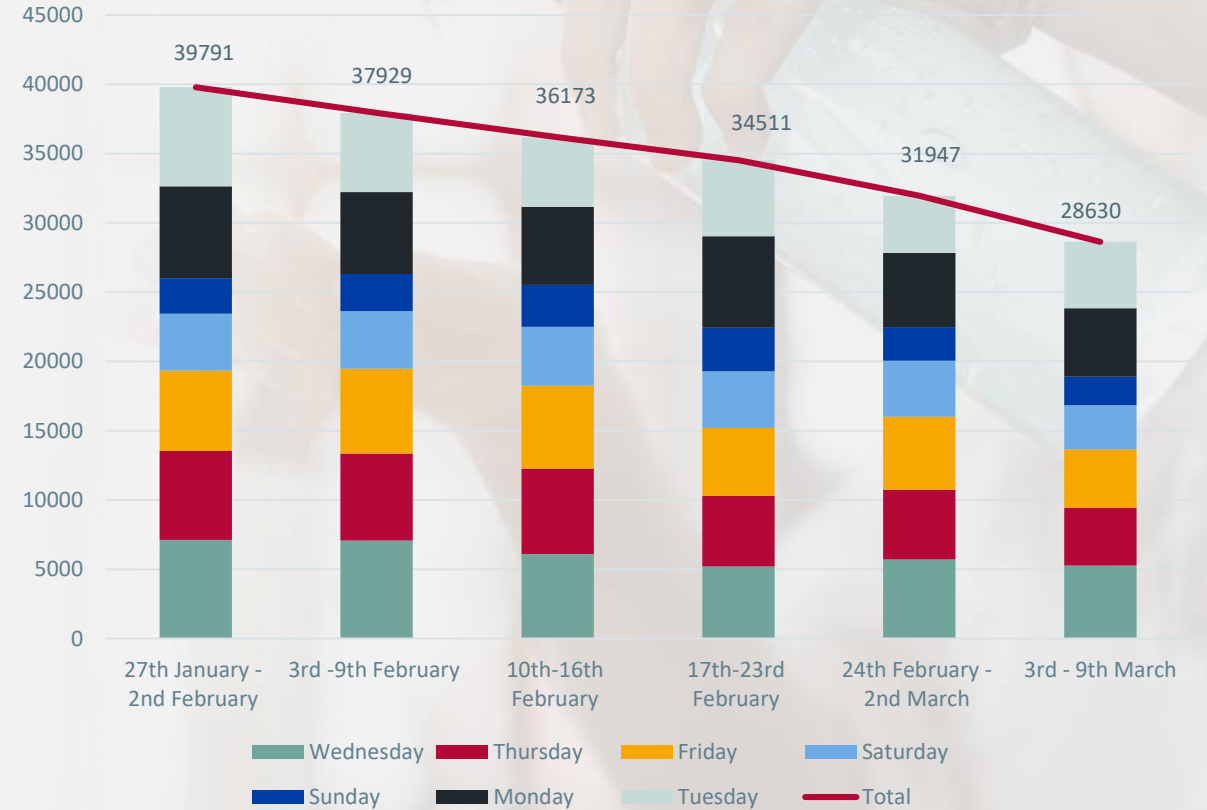
Last week saw a **10.4% decrease** week on week in community tests completed.

28.1%



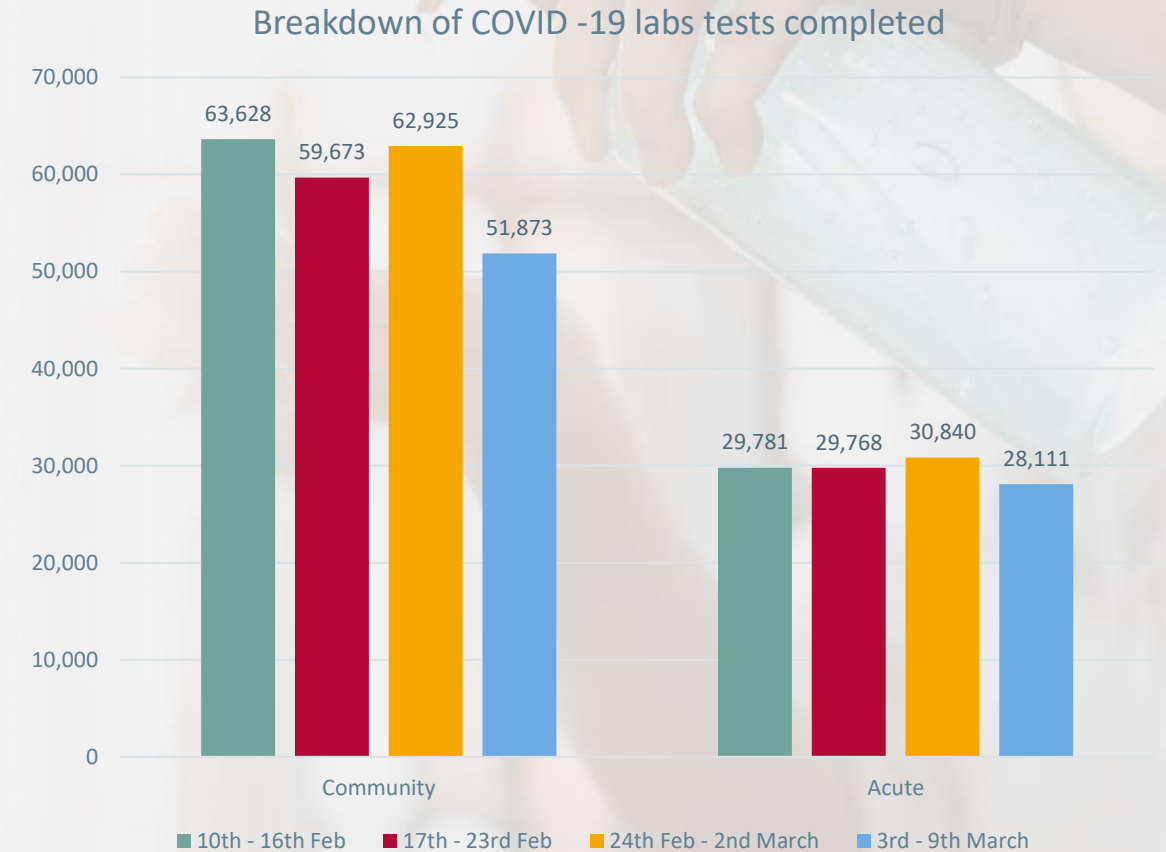
Demand for testing in the community has **decreased by 28.1%** in the last 6 weeks

Community Testing Demand



Tests Completed in our Community and Acute Labs

- The number of tests completed in our acute settings has remained steady, with over 29,000 – 32,000 tests a week, over the past four weeks.
- This provides a comparison into the volume of COVID-19 tests being completed in our community and Acute settings.



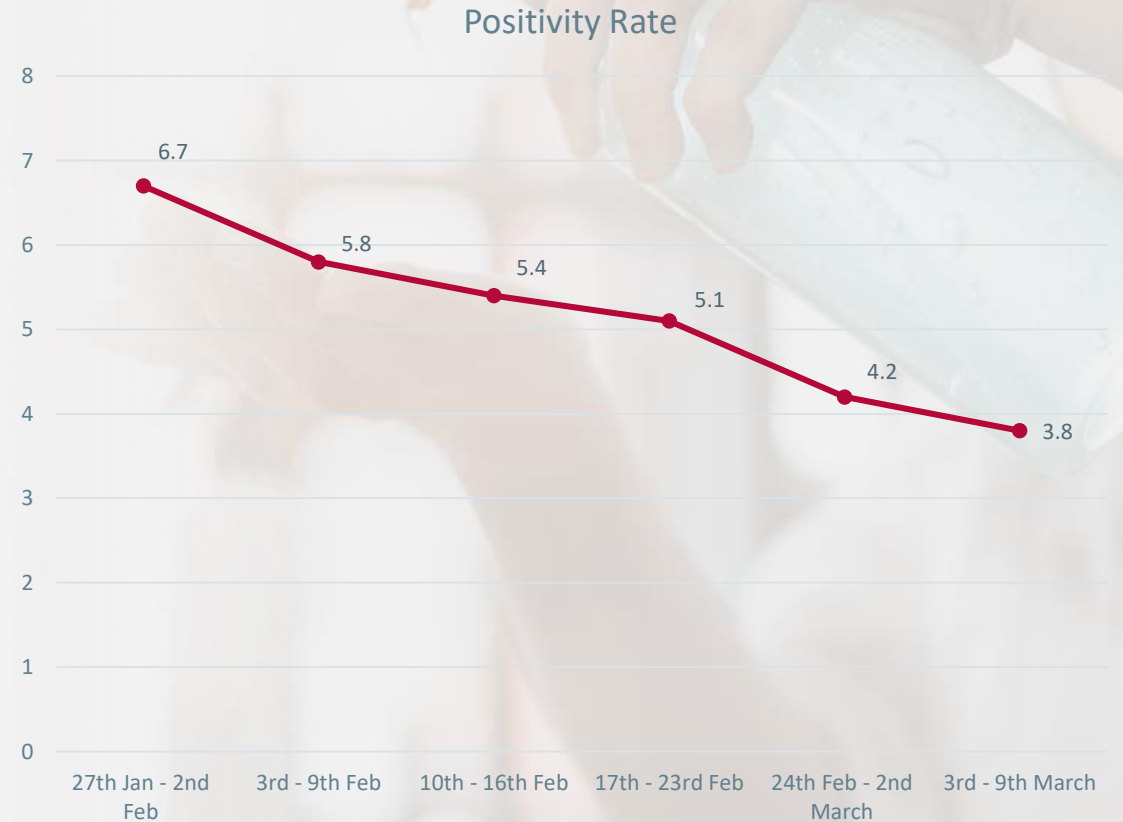


Overall Positivity Trend



c.3.8%

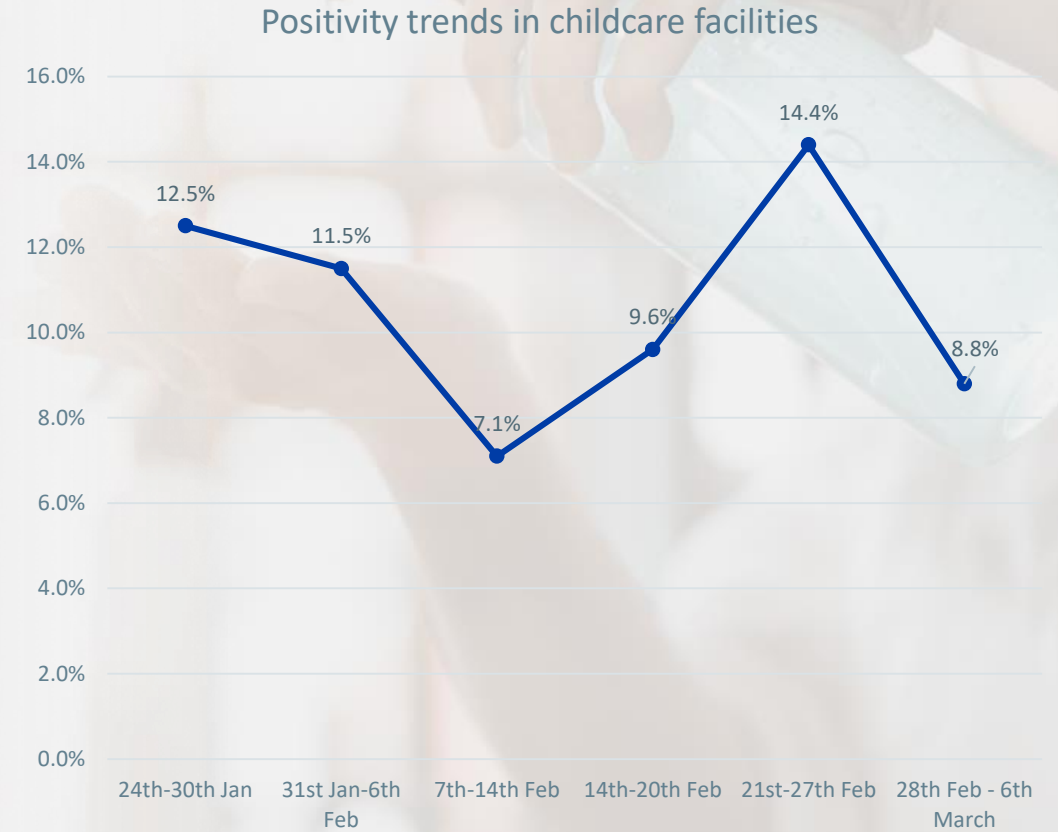
- The positivity rate for the past seven days is c.3.8%
- The positivity rate has decreased by nearly half in the past six weeks.
- However, in the last two weeks the positivity rate is decreasing at a slower rate, less than 1% each week.





Positivity Trend Childcare Facilities

- We continue to monitor weekly positivity rate in Childcare settings
- The graph shows weekly positivity rate for the last 6 weeks.
- In the last week, testing in childcare facilities resulted in a **8.8%** positivity rate



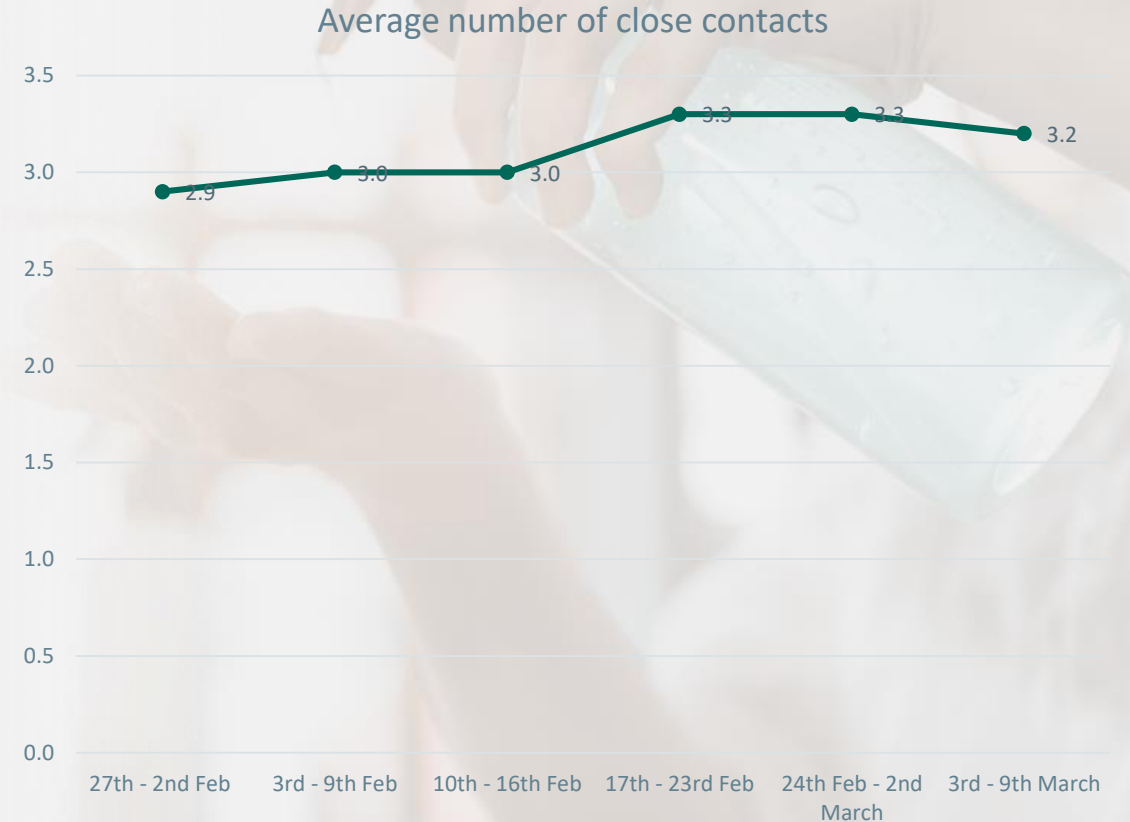


Close Contacts Trend

3.2

Number of close contacts remains steady over the past 6 weeks, with no significant decrease.

Of those who recorded at least 1 close contact, the average number of close contacts per person, over the past 7 days was 3.2.





Service Improvements and Updates





755
**Community
Swabbers**

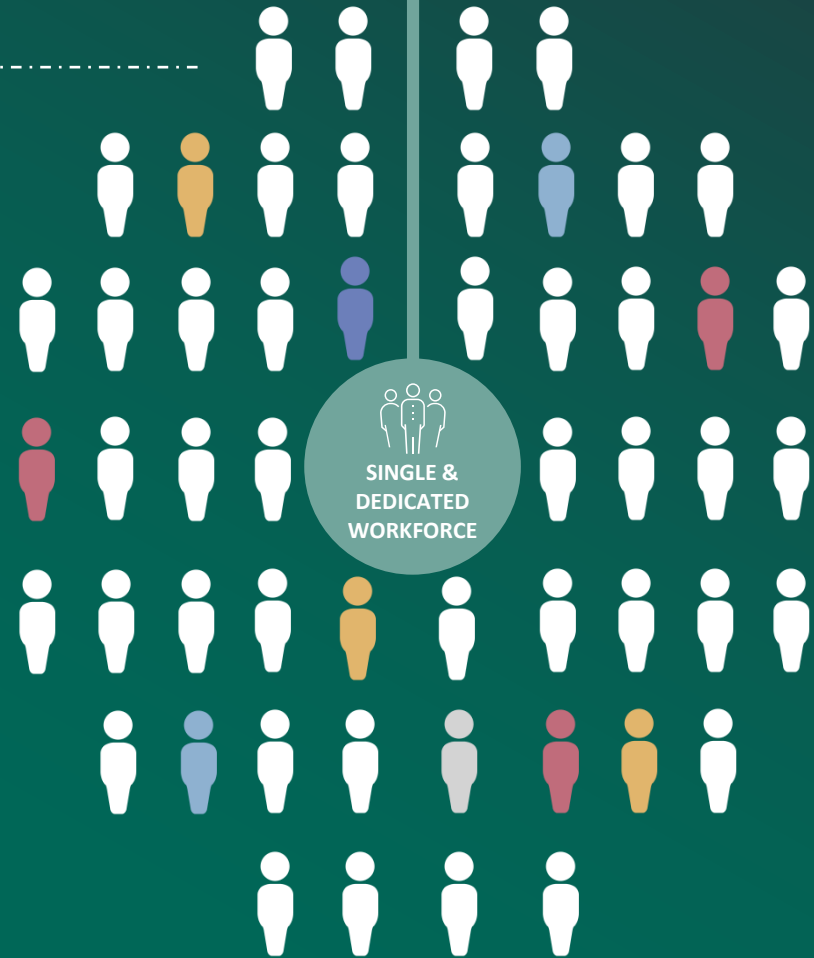
Recruited and Onboarded

873

**Staff supporting
Contact Tracing**

Of these 873 staff;
801 of these staff have been hired
and retained as part of
dedicated workforce to support
the contact tracing function

The remaining 72 staff are redeployed
from the HSE and other Public Service
Roles





Conclusion



Our median end to end turnaround time is **2 days for detected cases** and **1.4 days for not detected cases**.



Demand for testing in the community has **decreased by 28.1%**, in the last 6 weeks



As of 16th of February, there are **over 3,673,049 COVID-19 Tests** completed to date.