

HSE COVID-19 Test and Trace Briefing

25th of March, 2020



Test and Trace Briefing





Testing Volumes and Turnaround Times



Test and Trace Headlines

Over 3,879,162
Lab Tests Completed to Date



1.3 days

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



2 days

Community - median end to end for a detected result



107,290+

Total Swabs last week



105,470+

Total number of laboratory tests last week



3,380+

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 17th – 23rd March.



Test and Trace Volumes

The following metrics and turnaround times refer to the seven days from 17th – 23rd March.

Swabbing

- **c. 107,293 swabs samples** this week – meeting all demand including serial testing.
- This total swabbing figure includes approximately **44,576 taken in the community**, **42,440 taken in acute and private acute settings** and **20,277 taken as part of serial testing** of Staff in Food Plants and Residential Care Facilities.
- We have had **34 static testing centres** in operation
- Community testing demand has increased by **25% in the last week**.
- **94%** of GP referrals are provided with a COVID-19 test appointment within 24 hours.
- From 8th – 14th of March of those who were referred for Test 1, attendance of close contacts is **87%**.
- From 1st – 7th of March, of those who were referred for Test 2, attendance of close contacts is **87%**

Laboratories

- Laboratories processed **105,476 tests** across our network of 46 labs.
- The average detected rate over the past week is **approximately 4%**.

Contact Tracing

- Of the close contacts identified between 8th – 14th of March who underwent Test 1 and whose results were available, 20.1% were positive. By circumstances of contact, positivity rates remain highest in this cohort for household close contacts where it is 33.5%.
- On the 23rd of March, of those who recorded close contacts, the average number close contacts are 3.5 per person.
- From 17th – 23rd of March a total of 3,878 calls were completed to individuals who received a confirmed COVID-19 detected test result.
- From 17th – 23rd of March, contact tracing was completed for c.3,389 individuals that had a confirmed COVID-19 case
- In addition, c.5,463 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 17th – 23rd March.



Turnaround

- Swab to lab result for community and acute settings is **23 hours**.
- All contact tracing calls are completed within a median of **5.9 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 1.3 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**.



What can we see from the trends



Referrals and Age Group

The 31-40 age group has the highest level of referrals in the last week



Community Demand

Community Demand for Testing has increased for the second consecutive week.



lab levels

The level of testing completed by our lab network has exceeded 100,000 tests over the last week.



Positivity Rate

The overall positivity rate has slightly increased, over the last week, indicating continued high levels of community transmission.



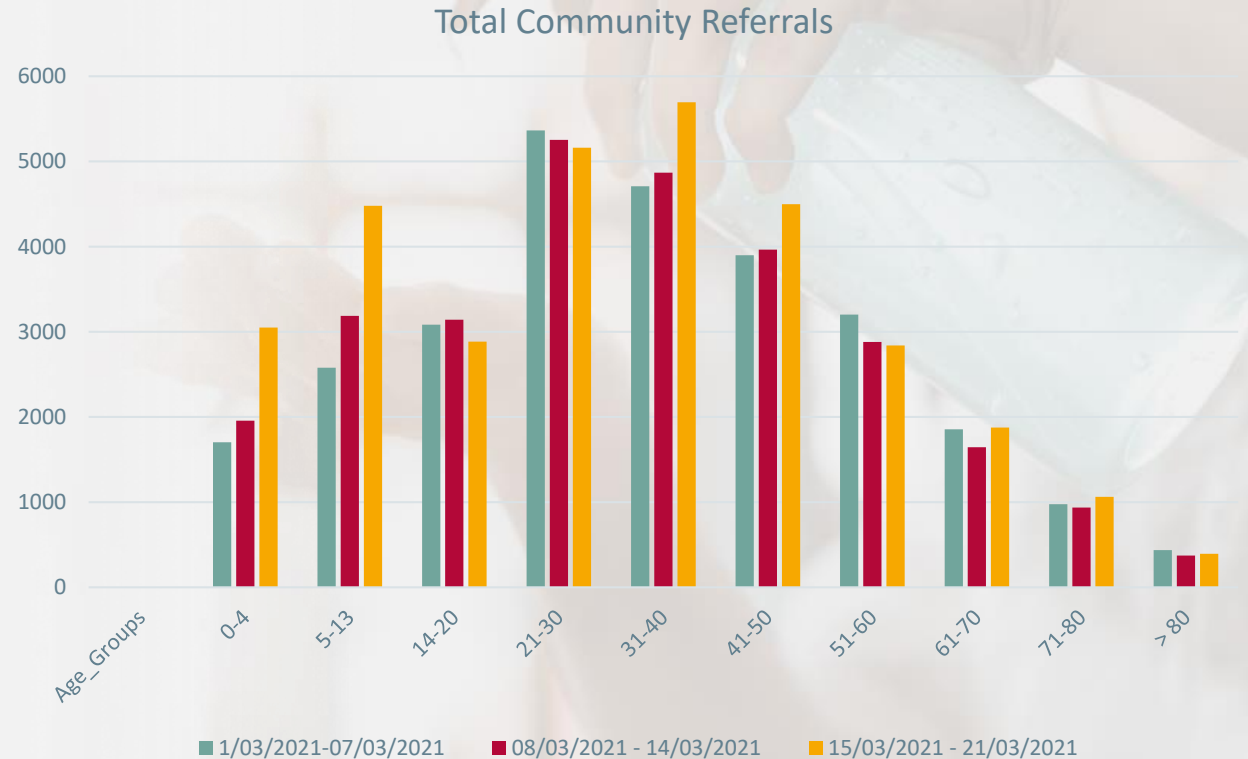
Close Contacts

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 31-40 age group.
- The 31-40 age group made up 17.8% of all referrals.
- This is the first time in 6 weeks that the 31-40 age group has surpassed the 21-30 age group.
- The detected rate of this age group was c.13.5%.





Community Testing Completed

25%



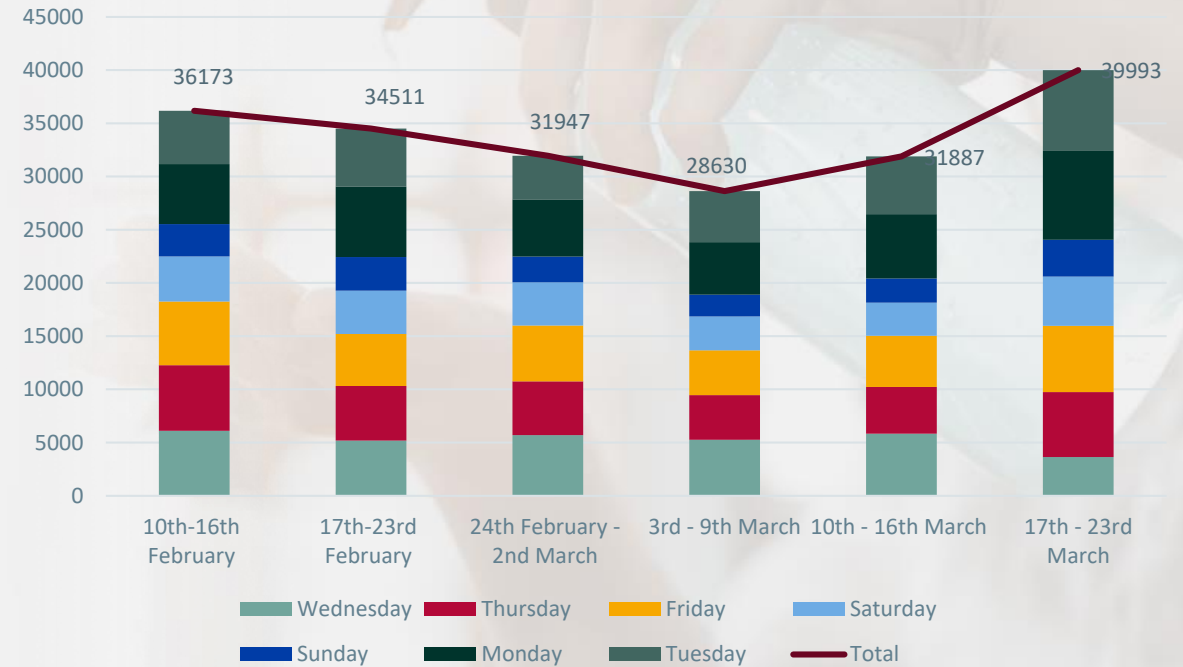
Last week saw a **25% increase** week on week in the community tests completed.

10%



Testing completed in the community has **increased by 10%**, since the same time 6 weeks ago.

Community Testing Demand

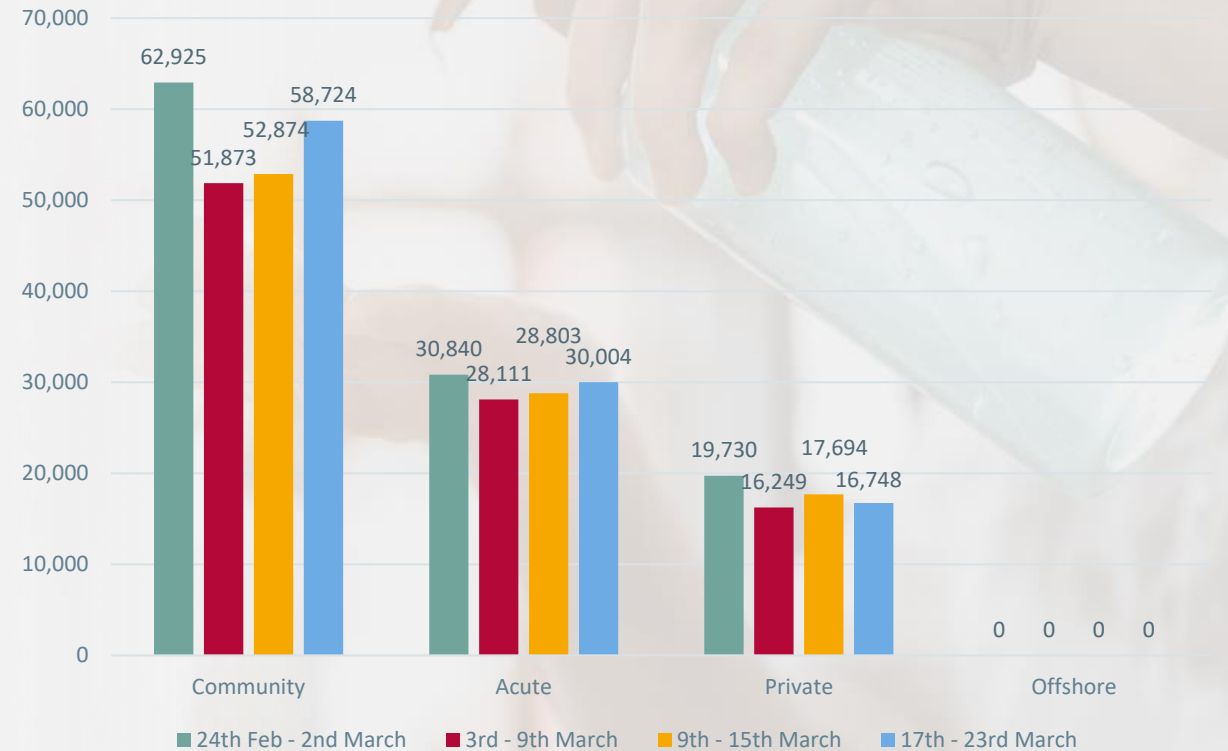




Tests Completed across our lab network

- Our lab network has completed over 100,000 tests in the last seven days.
- Volumes completed by our community and acute labs have been steadily increasing over the past two weeks.
- Demand planning scenarios are refreshed on an ongoing basis and proactive demand and capacity planning activities are being used to support operational planning across the end-to-end pathway.

Breakdown of COVID -19 labs tests completed

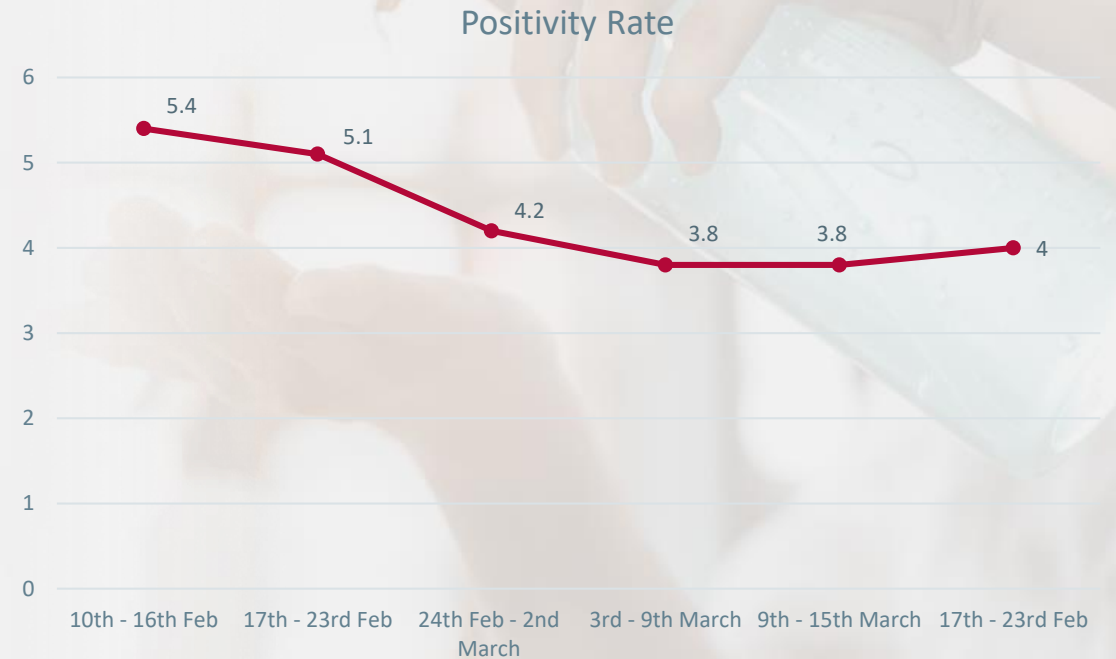




Overall Positivity Trend

c.4%

- The positivity rate for the past seven days is c.4%
- The average positivity rate has been decreasing slowly over the past six weeks, with a slight increase evident over the past 7 days



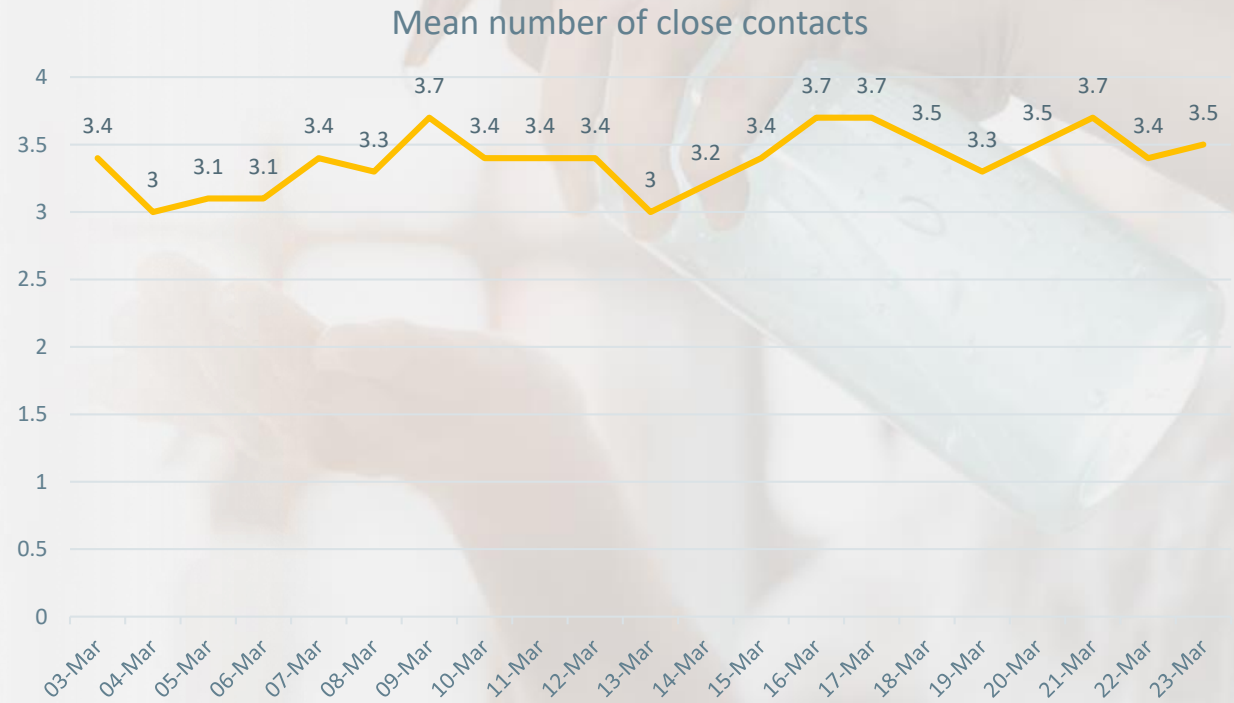


Close Contacts Trend

3.5

Over the past 3 weeks, of those who received a positive result, with at least one close contact, the mean daily number of close contacts has been c.3 per person.

As of the 23rd of March, of those tested with at least one close contact, the mean number of close contacts per person was **3.5**.





Serial Testing Programmes





Serial Testing in Nursing Homes

Cycle 9

588

Facilities Tested



52,634

Tests Completed

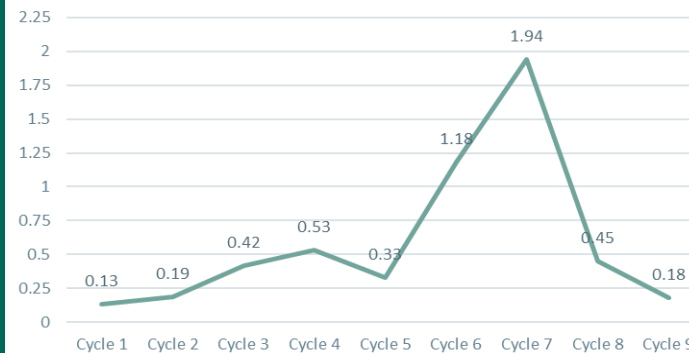


97 detected cases

(0.18% detected rate)



Nursing Home Detected Rate per Cycle



Cycle 9, to date, has had the **lowest detected rate** since Cycle 1



Serial Testing in Mental Health Facilities Cycle 2

46

Facilities Tested



1,354

Tests Completed



8 detected cases

(0.59% detected rate)





Serial Testing in Disability Facilities Cycle 1

93
Facilities Tested



5,686
Tests Completed



27 detected cases

(0.47% detected rate)





Serial Testing in Food Production Facilities Cycle 7

52

Facilities Tested



14,690

Tests Completed



103 detected cases

(0.70% detected rate)





Education and Childcare





In the Last Week

1 day

from swab to
communication of
result

Testing in Education and Childcare Facilities

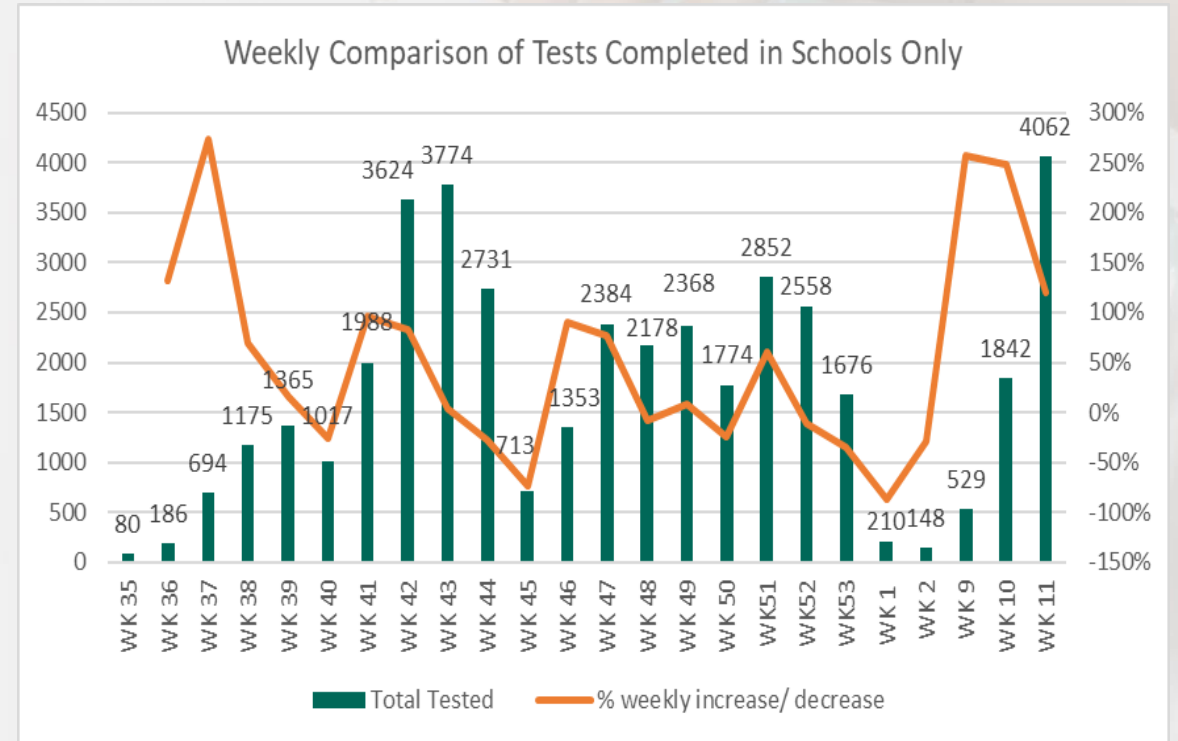
primary schools	Post primary schools	Special schools	Childcare facilities
3,142 individuals	817 individuals	103 individuals	1,236 individuals
120 primary schools	52 post- primary schools	11 special schools	71 childcare facilities
2.7% Positivity rate	1.8% Positivity rate	9.7% Positivity rate	9.6% Positivity 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 11, 14th – 20th March 2021), there were **over 4,000 tests completed**.



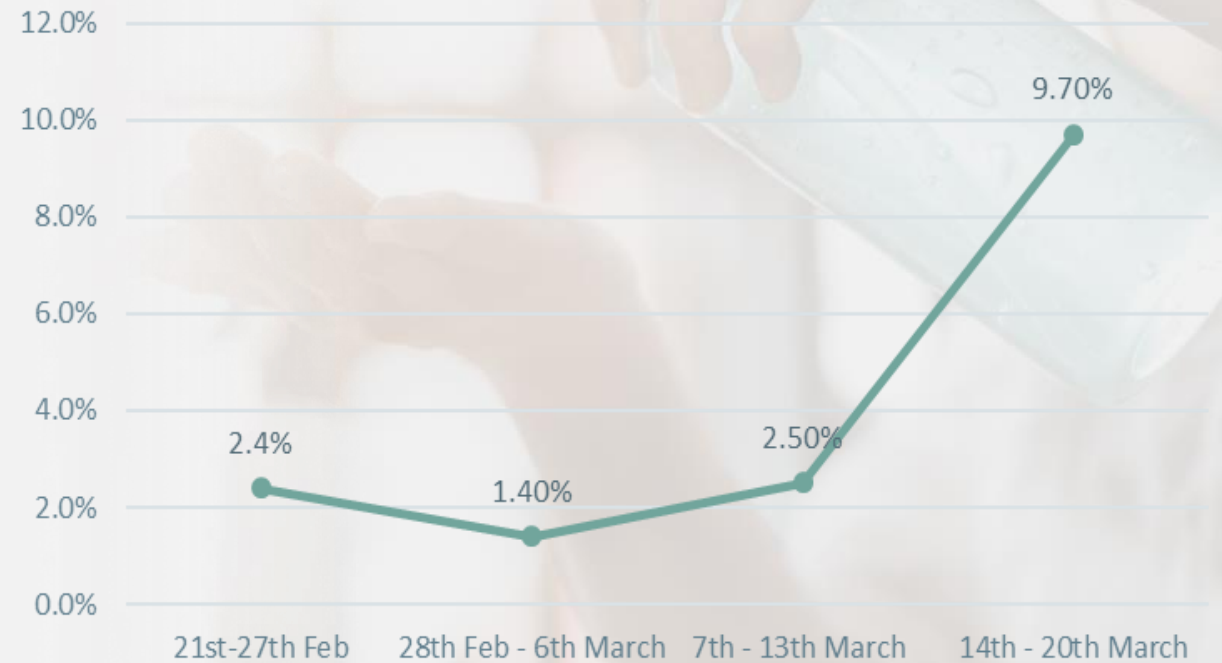
Weekly Analysis of Schools and Special Education Testing by Week



Positivity Trend Special Education Settings

- We continue to monitor weekly positivity rate in Special Education settings
- The graph shows weekly positivity rate for the last 4 weeks.
- In the last week, testing in special education settings resulted in a **9.7%** positivity rate

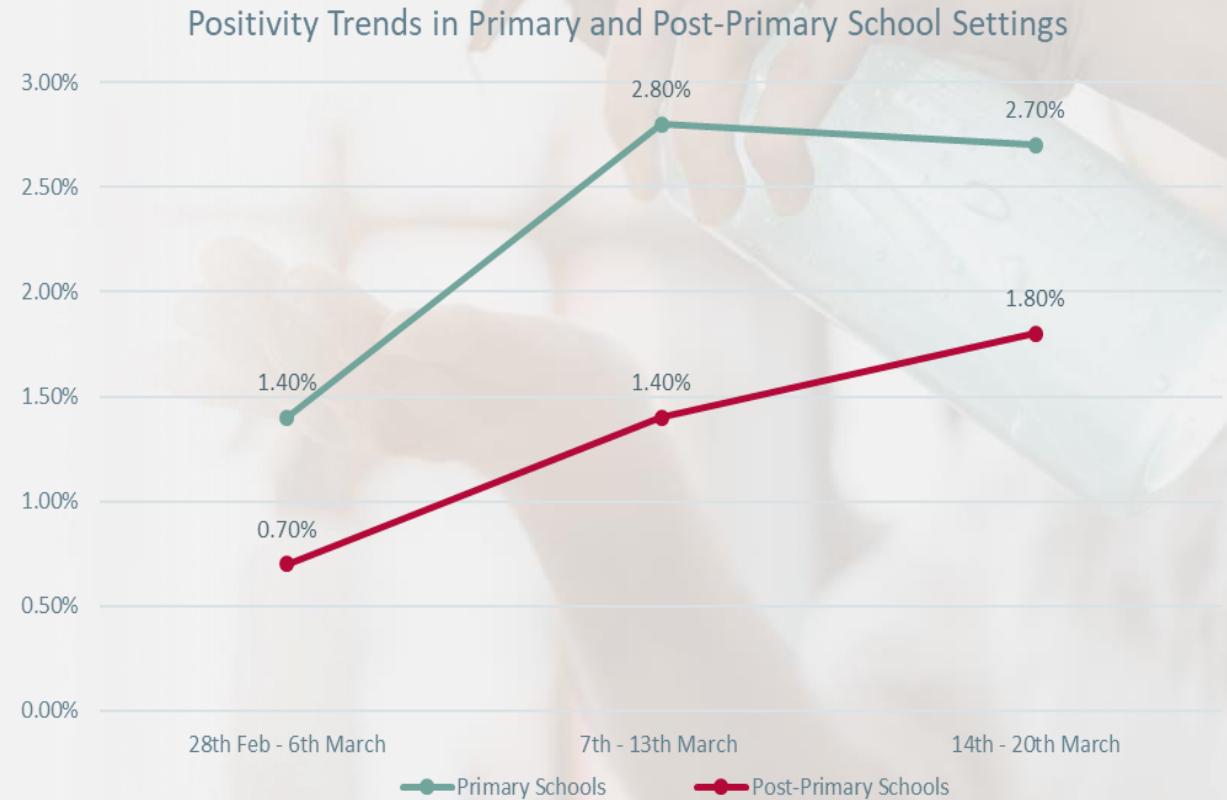
Positivity Trends in Special Education Settings





Positivity Trend Primary and Post-Primary School Settings

- We continue to monitor weekly positivity rate in Primary and Post-Primary School settings
- The graph shows weekly positivity rate for the last 3 weeks.
- In the last week, testing in primary school settings resulted in a **2.7%** positivity rate
- In the last week, testing in post-primary school settings resulted in a **1.8%** positivity rate

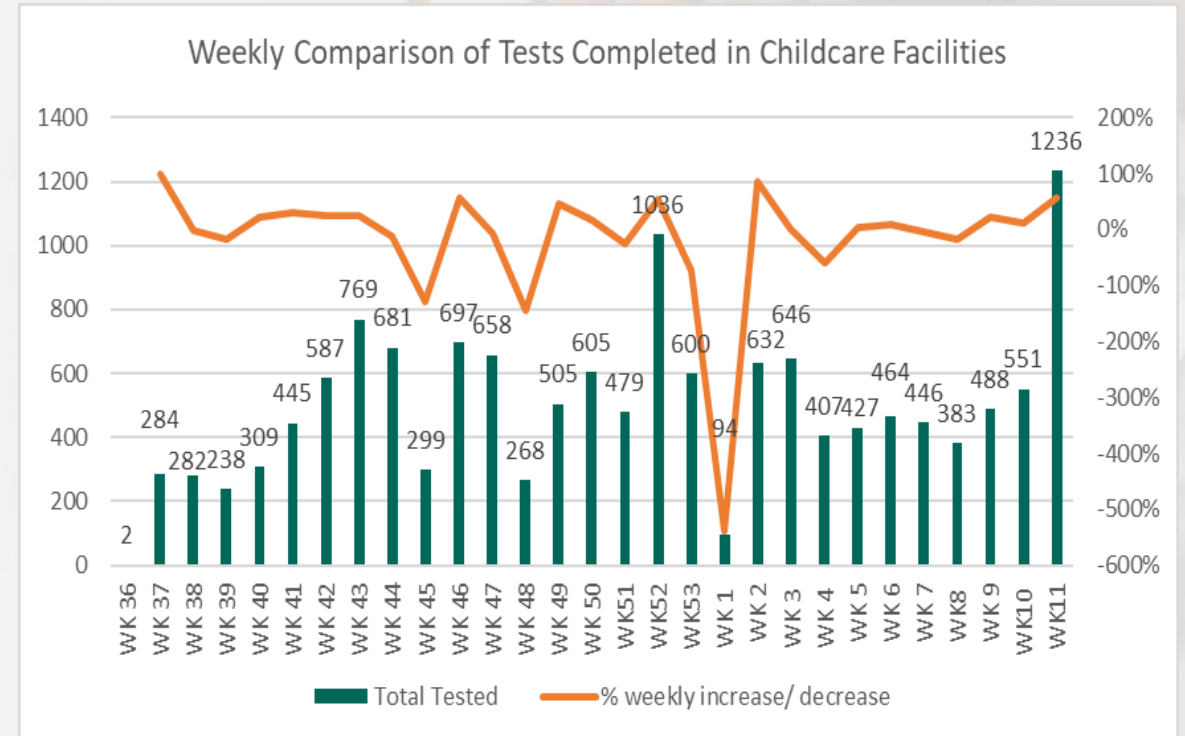




Childcare Facilities

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 11, 14th – 20th March 2021), there were c.1,236 tests completed.

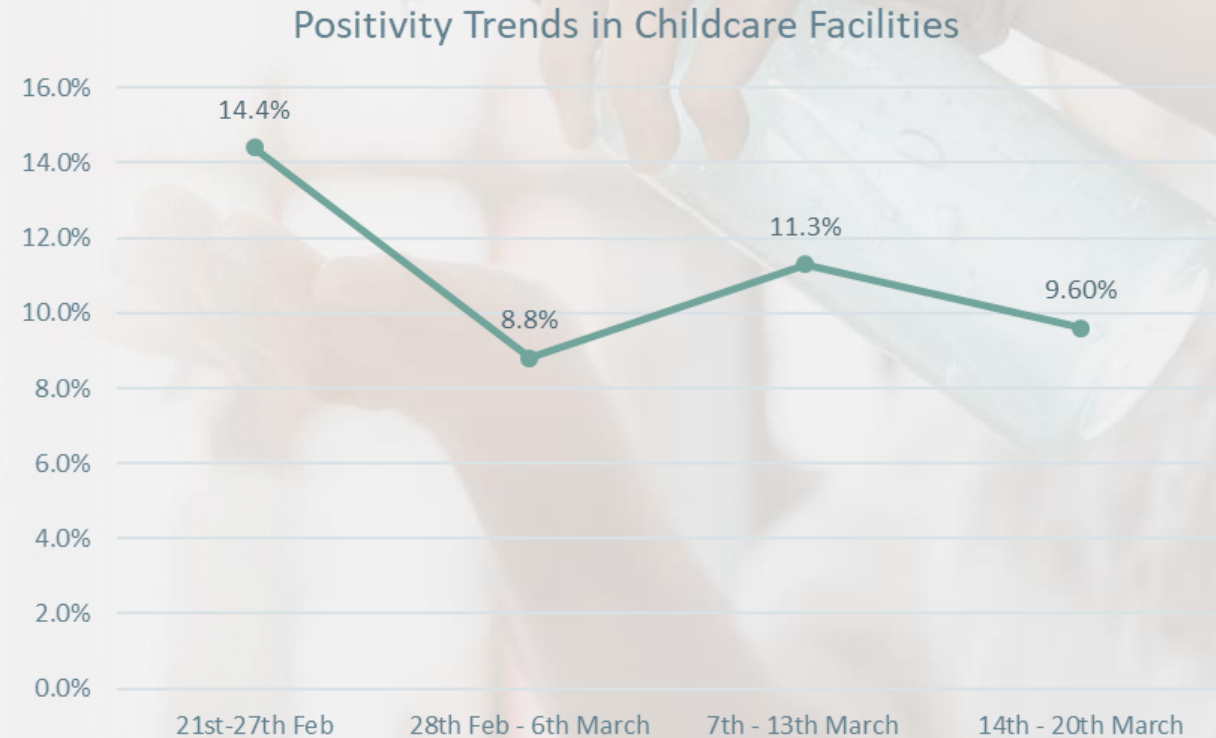


Weekly Analysis of Childcare Facility Testing by Week



Positivity Trend Childcare Facilities

- We continue to monitor weekly positivity rate in Childcare settings
- The graph shows weekly positivity rate for the last 4 weeks.
- In the last week, testing in childcare facilities resulted in a **9.6%** positivity rate





Service Improvements and Updates





762
Community Swabbers

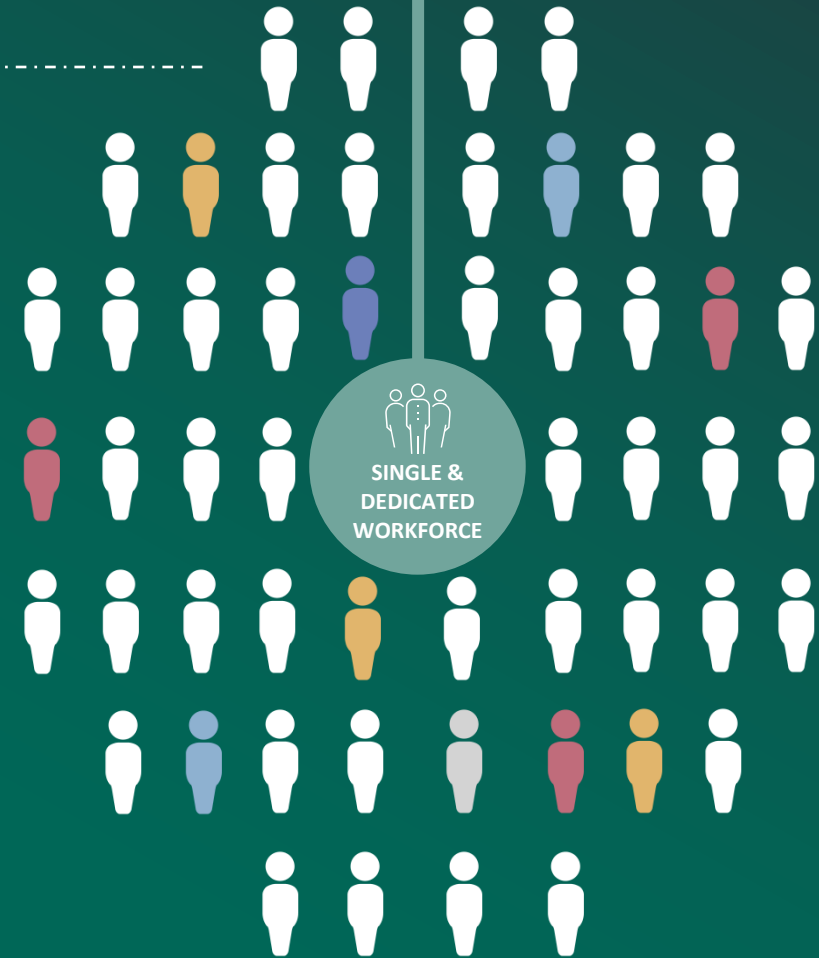
Recruited and Onboarded

825

Staff supporting Contact Tracing

Of these 825 staff;
759 of these staff have been hired and retained as part of dedicated workforce to support the contact tracing function

The remaining 66 staff are redeployed from the HSE and other Public Service Roles

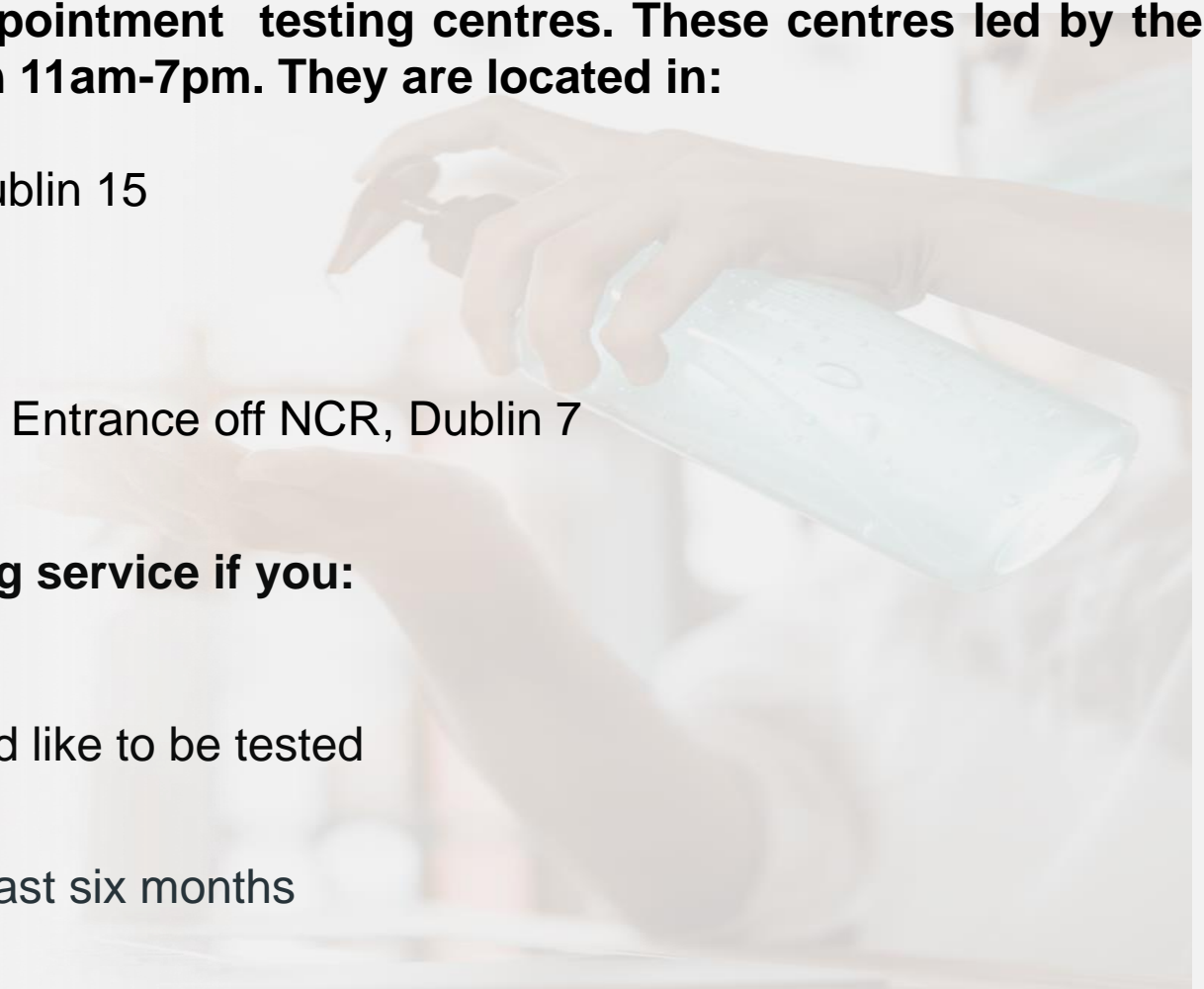


Today we open the first set of walk in, no appointment testing centres. These centres led by the National Ambulance service are open between 11am-7pm. They are located in:

- National Aquatic Centre – Blanchardstown, Dublin 15
- Tallaght Stadium – Tallaght, Dublin 24
- Irish Town Stadium – Irishtown, Dublin 4
- Tullamore Leisure Centre – Tullamore, Offaly
- Grangegorman Primary Care Centre car park, Entrance off NCR, Dublin 7

You can use this free, walk-in COVID-19 testing service if you:

- Are aged 16 years and over
- Do not have symptoms of COVID-19 but would like to be tested
- Live within 5k of the walk-in testing centre
- Have not tested positive for COVID-19 in the last six months





Conclusion

1

Our median end to end turnaround time is **2 days for detected cases** and **1.3 days for not detected cases**.

2

Demand for testing in the community has **increased by 25%** since last week

3

As of 24th March, there are **over 3,879,162 COVID-19 Tests** completed to date.

