



SITREP 001
Coronavirus disease 2019 (COVID-19)
Issued: 1600 hours 11 August 2020

Unless otherwise specified, all information is current as of 1600 hours on 11 August 2020. The purpose of this report is to provide daily advice/evidence/policy from the health response to the COVID-19 pandemic.

Summary

1. There is a new positive case in the community of unknown origin, investigation commenced at 1520, 11 August 2020.
2. The initial case interview is currently underway. An update will be provided at 1730.

Situation

3. New Zealand is now on Alert Level 1. For further details see:
<https://covid19.govt.nz/government-actions/covid-19-alert-system/#new-zealand-covid-19-alert-levels>
4. Today, at 1430, the Ministry of Health was notified of a positive case.
5. The person has no current overseas travel history.
6. The person is located in the Counties Manukau DHB location.
7. [redacted] was swabbed yesterday, 10 August 2020 and had a CT value of [redacted] indicating acute infection. The first swab was run twice, and a second swab has been requested.
8. s 9(2)(a) [redacted]
9. The person is currently being interviewed by Auckland Regional Public Health.
10. All close and causal contacts will be tested. All close contacts will remain in self-isolation for 14 days. All casual contacts will remain in self-isolation until they have a negative test.
11. Risks: social media communication, increased community fear
12. Scenarios being considered:
 - false positive – a second PCR has been requested – yet to be confirmed
 - old infection: overseas or New Zealand: No known previous results
 - acquired since leaving NZ.: No travel history – to be confirmed

- acquired recently in NZ –to be confirmed

Action points

13. Feedback from ARPHS on case interview will feed into next steps
14. Next SitRep will be at 1800.

Appendix 1: Contact information

Response Manager s 9(2)(a)	COVID-19Response@health.govt.nz
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Prepared by: Bridget Murphy and Aoife Kenny, COVID-19 Public Health Intelligence

Approved by: Jane Kelley, COVID-19 Response Manager



SITREP 002
Coronavirus disease 2019 (COVID-19)
Issued: 1800 hours 11 August 2020

Unless otherwise specified, all information is current as of 1800 hours on 11 August 2020. The purpose of this report is to provide daily advice/evidence/policy from the health response to the COVID-19 pandemic.

Summary

1. There is a new positive case in the community of unknown origin, investigation commenced at 1520, 11 August 2020.
2. The initial case interview is currently underway.
3. Based on the interview with the confirmed case their movements are spread across the Auckland region.
4. The following locations have been identified – s 9(2)(a)
[REDACTED]
5. 1 confirmed test s 9(2)
[REDACTED]
6. 1 probable s 9(2)(a)
[REDACTED]
7. Swabbing of the family completed tonight s 9(2)(a) [REDACTED] – en-route to the lab
8. Still continuing to gather information
9. Two investigations underway in parallel
 - Source attribution
 - Containment
10. Community transmission yet to be confirmed
11. An update will be provided at 21:00pm

Situation

12. New Zealand is now on Alert Level 1. For further details see:
<https://covid19.govt.nz/government-actions/covid-19-alert-system/#new-zealand-covid-19-alert-levels>
13. Today, at 1430, the Ministry of Health was notified of a positive case.
14. The person has no current overseas travel history.

15. The person is located in the Counties Manukau DHB.
16. The person was swabbed yesterday, 10 August 2020 and had a CT value of **s** indicating acute infection. The first swab was run twice, and a **second swab was positive.**
17. **s 9(2)(a)**
18. The person is currently being interviewed by Auckland Regional Public Health.
19. **s 9(2)(a)**
20. All close and causal contacts will be tested. All close contacts will remain in self-isolation for 14 days. All casual contacts will remain in self-isolation until they have a negative test.
21. **Everyone in the household has been swabbed. The swabs are on the way to the lab.**
22. **The primary care and ED are getting briefed tonight to get prepared.**
23. Risks: social media communication, increased community fear.
24. Scenarios being considered:
 - false positive – **a second PCR confirmed that this is not a false positive.**
 - old infection: overseas or New Zealand: No known previous results
 - acquired since leaving NZ.: No travel history – to be confirmed
 - acquired recently in NZ –to be confirmed

Action points

25. **ARPHs have contacted **s 9(2)(a)** workplace – **s** close contacts identified and in isolation, will be tested**
26. **s 9(2)(a)**
27. **ARPHs will contact **s 9(2)(a)** workplace this evening and scoping interview's will take place.**
28. **ARPHs will contact the Ministry of Education tonight to discuss next steps regarding the Primary School**
29. **ARPHs will offer the family spaces in quarantine facilities (Jet Park)**
30. **All close contacts have been asked to isolate and will be tested**
31. **Mobile testing sites will be confirmed tonight – sites will have extended hours and be available into the weekend**
32. **Healthline has been contacted and will stand up additional staff from 7:00pm tonight**

- 33. Health Advisory will be sent out at 19:30pm
- 34. The next teleconference with ARPHs will be at 19:30pm
- 35. Public messaging will be provided through the Director Generals stand-up at 8:00pm
- 36. Next SitRep will be at 21:00pm

Appendix 1: Contact information

Response Manager s 9(2)(a)	COVID-19Response@health.govt.nz
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Prepared by: Bridget Murphy and Aoife Kenny, COVID-19 Public Health Intelligence

Approved by: Jane Kelley, COVID-19 Response Manager



SITREP 003
Coronavirus disease 2019 (COVID-19)
Issued: 2300 hours 11 August 2020

Unless otherwise specified, all information is current as of 2300 hours on 11 August 2020. The purpose of this report is to provide daily advice/evidence/policy from the health response to the COVID-19 pandemic.

Summary

1. There are four positive cases in one household, in the Auckland community of unknown origin, as at 11 August 2020. The remaining three members of the household tested negative.
2. s 9(2)(a) [REDACTED]
3. There are 140 people from the Ministry who are ready to provide contact tracing support to ARPHS tomorrow morning.
4. Community nurses, including Starship nurses will be redeployed to staff the increased CBAC hours and the new pop-ups in Otara and New Lynn. MIF and border staff testing will continue as planned and will be supported by surge workforce to provide additional testing. All DHBs are expected to supply staff.
5. Auckland will move to Alert Level 3 and the rest of New Zealand will go to Alert Level 2 at midday on 12 August 2020. These Alert Levels will remain in place until midnight on Friday 14 August 2020.
6. Still continuing to gather information
7. Two investigation paths underway in parallel
 - Source attribution
 - Containment
8. Community transmission yet to be confirmed

Situation

9. Auckland will move to Alert Level 3 and the rest of New Zealand will go to Alert Level 2 at midday on 12 August 2020, until midnight on Friday 14 August 2020. For further details see: <https://covid19.govt.nz/government-actions/covid-19-alert-system/#new-zealand-covid-19-alert-levels>

10. Today, at 1430, the Ministry of Health was notified of a positive case.
11. The person has no current overseas travel history.
12. The person is located in the Counties Manukau DHB.
13. The person was swabbed yesterday, 10 August 2020 and had a CT value of **s** indicating acute infection. The first swab was run twice, and a second swab was positive.
14. **s 9(2)(a)**
15. The person is currently being interviewed by Auckland Regional Public Health (ARPHs)
16. All close and causal contacts will be tested. All close contacts will remain in self-isolation for 14 days. All casual contacts will remain in self-isolation until they have a negative test.
17. **s 9(2)(a)**
18. **s 9(2)(a)**
19. **s 9(2)(a)**
20. **s 9(2)(a)**
21. **s 9(2)(a)**
22. **s 9(2)(a)**
23. The primary care and ED are getting briefed tonight to get prepared. **Primary care will receive extra PPE tomorrow morning.**
24. **Staff will be released from clinical services to support the testing in Auckland.**

25. At Alert Level 3, primary care will stay open with virtual consultations encouraged. All health services are essential services will remain open. There will be no changes to elective services. The Aged Residential Care (ARC) facilities will lock down.
26. Healthline are receiving calls at the highest rate ever, and there is a half hour wait. Non-Aucklanders are confused about what Alert Level 2 means. Asymptomatic Aucklanders are angry and wanting to know when testing stations will be open in the morning.
27. Risks: social media communication, increased community fear.
28. Scenarios being considered:
- false positive – a second PCR confirmed that this is not a false positive.
 - old infection: overseas or New Zealand: No known previous results
 - acquired since leaving NZ.: No travel history – to be confirmed
 - acquired recently in NZ –to be confirmed

Action points

29. ARPHs have contacted s 9(2)(a) workplace – 5 close contacts identified and in isolation, will be swabbed tomorrow morning. s 9(2)(a) workplace has been shut down.
30. s 9(2)(a)
31. ARPHs will contact s 9(2)(a) workplace this evening and scoping interview will take place. s 9(2)(a) workplace has been shut-down and close and casual contacts will be swabbed in the morning.
32. ARPHs will contact the Ministry of Education tonight to discuss next steps regarding the Primary School. The primary school will be shut from tomorrow morning.
33. ARPHs will offer the family spaces in quarantine facilities (Jet Park), s 9(2)(a)
34. All close contacts have been asked to isolate and will be tested
35. Mobile testing sites are confirmed in Otara and New Lynn. These and all sites will have additional staff and extended hours and be available into the weekend.
36. Healthline has experienced its highest call volumes ever. Symptomatic outside of Auckland and asymptomatic in Auckland. Confusion over Level 2. Request for Comms.
37. Health Advisory was sent out at 19:30pm.
38. Additional Comms will be done at regional and national level for ARCs and NGOs and disability sector

- 39. Further guidance on mask usage will be communicated before midday on 12 August 2020.
- 40. Health liaison has been appointed for the OCC.
- 41. We have notified the NZ Funeral Directors Association regarding funerals to be held in the Auckland region over the next three days.
- 42. The next teleconference with ARPHs will be at 0930 on 12 August 2020.
- 43. A stand up is planned for 1030am tomorrow with the Director General and the Prime Minister on 12 August 2020.
- 44. There are three SitReps planned for tomorrow.
- 45. Public messaging will be provided through the Director Generals stand-up at 8:00pm

Appendix 1: Contact information

Response Manager s 9(2)(a)	COVID-19Response@health.govt.nz
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The next SITREP will be at 1000 hours on 12 August 2020.

Prepared by: Bridget Murphy and Aoife Kenny, COVID-19 Public Health Intelligence

Approved by: Jane Kelley, COVID-19 Response Manager



SITREP 004
Coronavirus disease 2019 (COVID-19)
Issued: 1000 hours 12 August 2020

Unless otherwise specified, all information is current as of **1000 hours on 12 August 2020**. The purpose of this report is to provide daily advice/evidence/policy from the health response to the COVID-19 pandemic.

Summary

1. There are four positive cases in one household, in the Auckland community of unknown origin, as at 11 August 2020. The remaining three members of the household tested negative.
2. s 9(2)(a) [REDACTED]
3. There are 140 people from the Ministry who are ready to provide contact tracing support to ARPHS tomorrow morning.
4. Contact tracing staff will focus on Maori and Pacific people
5. Community nurses, including Starship nurses will be redeployed to staff the increased CBAC hours and the new pop-ups in Otara and New Lynn. MIF and border staff testing will continue as planned and will be supported by surge workforce to provide additional testing. All DHBs are expected to supply staff.
6. Auckland will move to Alert Level 3 and the rest of New Zealand will go to Alert Level 2 at midday on 12 August 2020. These Alert Levels will remain in place until midnight on Friday 14 August 2020.
7. Still continuing to gather information
8. Two investigation paths underway in parallel
 - Source attribution
 - Containment
9. Community transmission yet to be confirmed

Situation

10. Auckland will move to Alert Level 3 and the rest of New Zealand will go to Alert Level 2 at midday on 12 August 2020, until midnight on Friday 14 August 2020. For further

details see: <https://covid19.govt.nz/government-actions/covid-19-alert-system/#new-zealand-covid-19-alert-levels>

11. Yesterday, at 1430, the Ministry of Health was notified of a positive case.
12. This person had no current overseas travel history.
13. The person is located in the Counties Manukau DHB.
14. The person was swabbed yesterday, 10 August 2020 and had a CT value of **s**, indicating acute infection. The first swab was run twice, and a second swab was positive.
15. **s 9(2)(a)**
16. There are three areas of investigation linked to this case; the family, and two work places linked to the family.
17. Family – a further confirmed case. **s 9(2)(a)** went to Rotorua over the weekend returning yesterday. Scoping interviews underway this morning to determine movements.
18. This case became symptomatic on Saturday. The family went to numerous tourist places over the weekend in Rotorua and the PHU is undertaking further investigations today. **s 9(2)(a)**
s 9(2)(a) This connection is also being scoped.
19. Another household has been connected to the first case. **s 9(2)(a)**
s 9(2)(a)
20. **s 9(2)(a)**
s 9(2)(a) This person will be tested today and further scoping interview of movements undertaken.
21. **s 9(2)(a)**
s 9(2)(a) his person will be tested today and further scoping interview of movements undertaken.
22. **s 9(2)(a)**
s 9(2)(a)
23. **s 9(2)(a)**
s 9(2)(a)
24. **s 9(2)(a)**
s 9(2)(a)
25. **s 9(2)(a)**
s 9(2)(a)
26. Work places – All staff in first case's work place are considered close contacts – this equates to an additional **s 9(2)(a)**. Names of the **s** people will be sent to NCTS.

27. Three s 9(2)(a) colleagues are symptomatic and being tested, isolated and households in quarantine.
28. s 9(2)(a) work place has four sites across Auckland, s 9(2)(a). These work places are being shut down. A request for environmental testing of these sites has been made.
29. The person is currently being interviewed by Auckland Regional Public Health (ARPHs)
30. All close and causal contacts will be tested. All close contacts will remain in self-isolation for 14 days. All casual contacts will remain in self-isolation until they have a negative test.
31. s 9(2)(a)
32. s 9(2)(a)
33. s 9(2)(a)
34. s 9(2)(a)
35. s 9(2)(a) has three close contact colleagues that are symptomatic and two others that are asymptomatic. The probable case's workplace has been shut-down tonight. All staff are being asked to self-isolate. Everyone at the workplace will be tested, ideally at home. The testing logics are being planned by Northland Regional Health Coordination Centre (NRHCC). The workplace has three sites in Auckland, so ARPHS will investigate whether people are working across sites and they will also investigate links to the airport.
36. s 9(2)(a) Mt Albert primary school will be closed as a precautionary measure for 72 hours. At Alert Level 3 all Auckland schools will be closed except to children of essential workers. Alert Level 3 will be in place for the Auckland region from midday tomorrow, the PM has advised Aucklanders should act as if they are in Alert Level 3 now, so parents are unlikely to send their children to school tomorrow morning.
37. The primary care and ED are getting briefed tonight to get prepared. Primary care will receive extra PPE tomorrow morning.
38. Staff will be released from clinical services to support the testing in Auckland.
39. At Alert Level 3, primary care will stay open with virtual consultations encouraged. All health services are essential services will remain open. There will be no changes to elective services. The Aged Residential Care (ARC) facilities will lock down.
40. Healthline - Over 2000 calls since midnight, 700 currently in queue

41. Calls are distributed evenly across the country – main concerns are those who that have had either travelled and or connections to Auckland in the past 3 weeks.
42. Risks: social media communication, increased community fear.
43. Scenarios being considered:
- false positive – a second PCR confirmed that this is not a false positive.
 - old infection: overseas or New Zealand: No known previous results
 - acquired since leaving NZ.: No travel history – to be confirmed
 - acquired recently in NZ –to be confirmed
44. Two new pop up sites for testing have been stood up today (Otara and New Lynn) and PHU is looking to double testing volumes over the day with teams redeployed.
45. Border staff will continue to be tested.

Action points

46. ARPHs have contacted s 9(2)(a) workplace – 5 close contacts identified and in isolation, will be swabbed tomorrow morning. s 9(2)(a) workplace has been shut down.
47. s 9(2)(a)
48. ARPHs will contact s 9(2)(a) workplace this evening and scoping interview will take place. s 9(2)(a) workplace has been shut-down and close and casual contacts will be swabbed in the morning.
49. ARPHs will contact the Ministry of Education tonight to discuss next steps regarding the Primary School. The primary school will be shut from tomorrow morning.
50. s 9(2)(a)
51. All close contacts have been asked to isolate and will be tested
52. Mobile testing sites are confirmed in Otara and New Lynn. These and all sites will have additional staff and extended hours and be available into the weekend.
53. Healthline has experienced its highest call volumes ever. Symptomatic outside of Auckland and asymptomatic in Auckland. Confusion over Level 2. Request for Comms.
54. Health Advisory was sent out at 19:30pm.
55. Additional Comms will be done at regional and national level for ARCs and NGOs and disability sector

56. Further guidance on mask usage will be communicated before midday on 12 August 2020.
57. Health liaison has been appointed for the OCC.
58. We have notified the NZ Funeral Directors Association regarding funerals to be held in the Auckland region over the next three days.
59. The next teleconference with ARPHs will be at 0930 on 12 August 2020.
60. A stand up is planned for 1030am tomorrow with the Director General and the Prime Minister on 12 August 2020.
61. There are three SitReps planned for tomorrow.
62. Public messaging will be provided through the Director General's stand-up at 8:00pm

Appendix 1: Contact information

Response Manager s 9(2)(a)	COVID-19Response@health.govt.nz
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The next SITREP will be at 1000 hours on 12 August 2020.

Prepared by: Bridget Murphy and Aoife Kenny, COVID-19 Public Health Intelligence

Approved by: Jane Kelley, COVID-19 Response Manager



SITREP 005

Coronavirus disease 2019 (COVID-19)

Issued: **1400 hours 12 August 2020**

New information in red text.

Unless otherwise specified, all information is current as of **1400 hours on 12 August 2020**. The purpose of this report is to provide daily advice/evidence/policy from the health response to the COVID-19 pandemic.

Summary

1. There are **eight** cases in the Auckland community of unknown origin. **This includes four confirmed and four probable cases.**
2. Two investigation paths underway in parallel
 - Source attribution
 - Containment
3. Auckland is **now at Alert Level 3** and the **rest of New Zealand is at Alert Level 2**, until midnight on Friday 14 August 2020.

Situation

4. Auckland is **now at Alert Level 3** and the **rest of New Zealand is at Alert Level 2**, until midnight on Friday 14 August 2020. For further details see:
<https://covid19.govt.nz/government-actions/covid-19-alert-system/#new-zealand-covid-19-alert-levels>

[REDACTED] s 9(2)(a) [REDACTED]

[REDACTED] [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED] [REDACTED]

[REDACTED]

- [REDACTED]
[REDACTED]

- [REDACTED]

- [REDACTED]

- [REDACTED]

- [REDACTED]

- [REDACTED]

s 9(2)(a) [REDACTED] [REDACTED]

[REDACTED] [REDACTED]

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[REDACTED]

[REDACTED] [REDACTED]

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§ 9(2)(a)

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§ 9(2)(a)

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§ 9(2)(a)

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- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

[REDACTED] s 9(2)(a)

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED] [REDACTED]

[REDACTED]

[REDACTED]

- I [REDACTED]
- I [REDACTED]
- I [REDACTED]
- I [REDACTED]

Health sector response

5. Further details about a case's trip to Rotorua are being sourced and will be available this afternoon - eg timeframes for visit, what did they do in terms of tourism sites, at a very high level.
6. The company s 9(2)(a) works for has four workplace sites that cover s staff members. Only one site (Mt Wellington) has been closed so far. The airport site, which is the site of most interest, has s 9(2)(a) staff. A mobile testing unit is visiting this site. Across the company people only generally work at one site.
7. One of the Mt Wellington symptomatic colleagues of s 9(2) visited a rest home in Morrinsville. s 9(2)(a) who visited the rest home is in a household of s people. The PHUs are following up for further investigation.
8. A site visit to the Mt Wellington work place is underway to undertake an environmental assessment, and possibly test. Fomites are considered an unlikely route of transmission.

Testing and test supply numbers

Auckland

Four Community Testing Centres have been stood up for symptomatic people (however, have specified asymptomatic people won't be turned away). The closure time for these centres is 6 pm(although the centres will test people in the queue remaining after 6 pm).

Locations include:

- Whanau House Henderson
- Eden Terrace
- Northcote
- Whanau Ora Wiri

Pop up Community Testing Centre:

As of today the following have been stood up

- Health New Lynn
- Otara Mall

By this afternoon the following will be stood up:

- Eastcare Botany Rd
- White Cross St Lukes
- Counties Care Takanini
- Waiheke
- Shorecare North Shore Events Centre
- Coast to Coast

By 8 am tomorrow morning the following will be stood up:

- White Cross Henderson
- Northcare Constellation Drive
- Waimaukau

Confidential: not for further distribution.

Additional mobile teams (six) to support busy CTCs being deployed currently, and additional pop up sites are being scoped.
Forty-five designated practices will be set up by the end of the day

MIFs	Staff	Current 2 mobiles and 3 fixed site teams in hotel (transition teams) – covering 8-9 hotels today Additional staff capacity non-patient facing clinical DHB staff	Testing guests and staff today
	Guests	Planned volumes 4 mobiles – one finished and redeployed to CTC	
Border	Airport	Additional capacity <ul style="list-style-type: none"> Fono high volume mobile Border nursing staff 	Border agencies encouraged to send staff down for testing, could be 500-800 potentially, expectation to do all staff over 72 hours To reassess need for additional mobile capacity in afternoon
	Port	Whanau Ora mobile - tomorrow	Port have cancelled due to sending their staff home today and requested testing in two streams from tomorrow
Case related family and workplaces	Symptomatic and/or close contacts	Dedicated small mobile team Manurewa team 1, additional mobile capacity from midday	Priority to lab
	Americold airport site	Asymptomatic testing via mobile Manurewa team 2	Approx 50 people
	Schools		Awaiting ARPHS advice

9. Genome sequencing results are due tomorrow for **s 9(2)** from this cluster.

10. Testing numbers completed today will be provided in the next sit rep.

Contact tracing numbers

11. Contact tracing for community cases since 11 August 2020 (cumulative total over two days):

	12/08/2020		
	9am	12noon	4pm
Number of close contacts identified	--	208	
Number of close contacts successfully contacted	--	10	

Confidential: not for further distribution.

Number of close contacts referred to "finding services"*	--	0	
Number of close contacts awaiting contact	--	198	
Number of close contacts tested	--	--	
Number of close contacts who have tested positive	--	--	
Number of close contacts who have tested negative	--	--	

*Contacts loaded into the National Contact Tracing Solution, and managed by either the National Investigation and Tracing Unit or the Public Health Units. Awaiting delegation by the Public Health Units to the call centre.

**N.B. "Finding services" refers to the mechanism the National Close Contact Service uses to find valid contact details for close contacts we do not have the correct contact details for. These services utilise internal Ministry of Health databases along with Police, Customs and Airlines where relevant. "

National Telehealth Service (NTS)

12. Healthline report a high number of youth phoning. Healthline are seeking clarity of the case definition and the need for HIS criteria. The Ministry will provide clarification.
13. On 11 August 2020, NTS had 3,065 contacts compared to 975 on the same day last year.
14. Demand on 1737 and other mental health services was 98 calls (17% higher than forecast).
15. Between midnight last night and 0900 this morning, Healthline answered 2,004 calls.
16. Healthline is activating its resurgence plan an additional 60 staff already on the phones this morning. As at 1000 the waiting time was 112 minutes with 778 people waiting.
17. The top themes since yesterday's announcement are:
 - Symptom based Service User's seeking Testing Centres - Evenly distributed from all over the country, not just Auckland.
 - Businesses wanting to understand what level three and two means.
 - Information and anxiety on cross-region travel - especially those who have previously travelled through Auckland or who want to travel through Auckland.
 - Increase in Mental health service lines - anxiety relating to going back into lockdown.
 - Asymptomatic service users wanting testing in Auckland.

Appendix 1: Contact information

Response Manager s 9(2)(a)	COVID-19Response@health.govt.nz
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Confidential: not for further distribution.

The next SITREP will be at 1800 hours on 12 August 2020.

Prepared by: Bridget Murphy and Rebecca Drew, COVID-19 Public Health Intelligence

Approved by: Jane Kelley, COVID-19 Response Manager

Confidential: not for further distribution.



SITREP 006

Coronavirus disease 2019 (COVID-19)

Issued: **1800 hours 12 August 2020**

New information in red text.

Unless otherwise specified, all information is current as of **1800 hours on 12 August 2020**. The purpose of this report is to provide daily advice/evidence/policy from the health response to the COVID-19 pandemic.

The MOH NHCC has been activated to provide additional support for the new COVID-19 cases, however, the NHCC emails and phones are NOT activated". Please email covid-19response@health.govt.nz with any requests/information. Your email will be logged and promptly passed to the appropriate team

Please seek approval from the Response Manager before disseminating further dissemination is required.

Summary

1. There are **ten** cases in the Auckland community of unknown origin. This includes **six** confirmed and four probable cases. **The test result for s 9(2) has come back positive they have been reclassified as confirmed. There is also new probable case s 9(2)(a) who is a close work contact of s 9(2)**
2. **We have been informed of a sixth confirmed case, admitted to North Shore Hospital. They are a close work contact of s 9(2). They have s household contacts, all asymptomatic all have been tested, and we are awaiting results. This case is not included in the case descriptions below as we are awaiting further information.**
3. Two investigation paths underway in parallel
 - Source attribution
 - Containment
4. Auckland is now at Alert Level 3 and the rest of New Zealand is at Alert Level 2, until midnight on Friday 14 August 2020.

Situation

5. Auckland is now at Alert Level 3 and the rest of New Zealand is at Alert Level 2, until midnight on Friday 14 August 2020. For further details see:
<https://covid19.govt.nz/government-actions/covid-19-alert-system/#new-zealand-covid-19-alert-levels>

IN CONFIDENCE – NOT FOR FURTHER DISSEMINATION

§ 9(2)(a)

s 9(2)(a)

§ 9(2)(a)

s 9(2)(a)

[REDACTED]

s 9(2)(a)

[REDACTED]

s 9(2)(a)

[REDACTED]

§ 9(2)(a)

§ 9(2)(a)

Health sector response

6. Further details about a case's trip to Rotorua are being sourced and will be available this afternoon - eg timeframes for visit, what did they do in terms of tourism sites, at a very high level.
7. The company s 9(2) works for has four workplace sites that cover s 9(2) staff members. Only one site (Mt Wellington) has been closed so far. The airport site, which is of interest, has s 9(2)(a) staff. A mobile testing unit is visiting this site. Across the company people only generally work at one site.
8. One of the Mt Wellington symptomatic colleagues of s 9(2) visited a rest home in Morrinsville. s 9(2)(a) who visited the rest home is in a household of s 9(2)(a) people. The PHUs are following up for further investigation.
9. A site visit to the Mt Wellington work place is underway to undertake an environmental assessment, and possibly test. Fomites are considered an unlikely route of transmission. Further clarification of the process has been determined. Imported goods arrive via Maritime Port and are assessed by MPI. They are then taken to the Mt Wellington site and are unloaded and rechecked by MPI biosecurity staff.

Testing and test supply numbers

Auckland

Four Community Testing Centres have been stood up for symptomatic people (however, have specified asymptomatic people won't be turned away). The closure time for these centres is 6 pm(although the centres will test people in the queue remaining after 6 pm). Locations include:

- Whanau House Henderson
- Eden Terrace
- Northcote
- Whanau Ora Wiri

Pop up Community Testing Centre:

As of today the following have been stood up

- Health New Lynn
- Otara Mall

By this afternoon the following will be stood up:

- Eastcare Botany Rd
- White Cross St Lukes
- Counties Care Takanini
- Waiheke
- Shorecare North Shore Events Centre
- Coast to Coast

By 8 am tomorrow morning the following will be stood up:

- White Cross Henderson
- Northcare Constellation Drive

- Waimaukau

Additional mobile teams (six) to support busy CTCs being deployed currently, and additional pop up sites are being scoped.

Forty-five designated practices will be set up by the end of the day

MIFs	Staff	Current 2 mobiles and 3 fixed site teams in hotel (transition teams) – covering 8-9 hotels today Additional staff capacity non-patient facing clinical DHB staff	Testing guests and staff today
	Guests	Planned volumes 4 mobiles – one finished and redeployed to CTC	
Border	Airport	Additional capacity <ul style="list-style-type: none"> • Fono high volume mobile • Border nursing staff 	Border agencies encouraged to send staff down for testing, could be 500-800 potentially, expectation to do all staff over 72 hours To reassess need for additional mobile capacity in afternoon
	Port	Whanau Ora mobile - tomorrow	Port have cancelled due to sending their staff home today and requested testing in two streams from tomorrow
Case related family and workplaces	Symptomatic and/or close contacts	Dedicated small mobile team Manurewa team 1, additional mobile capacity from midday	Priority to lab
	Americold airport site	Asymptomatic testing via mobile Manurewa team 2	Approx 50 people
	Schools		Awaiting ARPHS advice

10. Genome sequencing results are due tomorrow for Case 1 from this cluster.

Testing numbers

11. 6850 swabs have been taken as at 1800 today. This does not included testing conducted at GPs and Primary Care.

Contact tracing numbers

12. Contact tracing for community cases since 11 August 2020 (cumulative total over two days):

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	12/08/2020		
	9am	12pm	6pm
Number of close contacts identified	--	208	193
Number of close contacts successfully contacted	--	10	167
Number of close contacts referred to "finding services"*	--	0	0
Number of close contacts awaiting contact	--	198	26
Number of close contacts tested	--	--	--
Number of close contacts who have tested positive	--	--	--
Number of close contacts who have tested negative	--	--	--

*Contacts loaded into the National Contact Tracing Solution, and managed by either the National Investigation and Tracing Unit or the Public Health Units. Awaiting delegation by the Public Health Units to the call centre.

**N.B "Finding services" refers to the mechanism the National Close Contact Service uses to find valid contact details for close contacts we do not have the correct contact details for. These services utilise internal Ministry of Health databases along with Police, Customs and Airlines where relevant. "

This total number is less than the number reported in the 2pm SitRep as duplicate close contacts have been removed from the system.

Calls will continue to be made until 9pm this evening to reach the remaining 26 close contacts are awaiting contact by a Public Health Unit or by the Ministry's National Close Contact Service.

National Telehealth Service (NTS)

13. Healthline report a high number of youth phoning. Healthline are seeking clarity of the case definition and the need for HIS criteria. The Ministry will provide clarification.

14. On 11 August 2020, NTS had 3,065 contacts compared to 975 on the same day last year.

15. Demand on 1737 and other mental health services was 98 calls (17% higher than forecast).

16. Between midnight last night and 0900 this morning, Healthline answered 2,004 calls.

17. Healthline is activating its resurgence plan an additional 60 staff already on the phones this morning. As at 1000 the waiting time was 112 minutes with 778 people waiting.

18. The top themes since yesterday's announcement are:

- Symptom based Service User's seeking Testing Centres - Evenly distributed from all over the country, not just Auckland.
- Businesses wanting to understand what level three and two means.
- Information and anxiety on cross-region travel - especially those who have previously travelled through Auckland or who want to travel through Auckland.
- Increase in Mental health service lines - anxiety relating to going back into lockdown.

IN CONFIDENCE – NOT FOR FURTHER DISSEMINATION

- Asymptomatic service users wanting testing in Auckland.

Education

School 1. Mt Albert Grammar School – s 9(2)(a)

[REDACTED]

School 2. Pararanga College. s 9(2)(a)

[REDACTED]

School 3. Southern Cross Mangere. s 9(2)(a)

[REDACTED]

Awaiting test results in relation to school 2 and 3 prior to sending letters as per school 1.

Appendix 1: Contact information

Response Manager s 9(2)(a)	COVID-19Response@health.govt.nz
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The next SITREP will be at 1000 hours on 13 August 2020.

Prepared by: Bex Joslin and Hamish Hann, COVID-19 Public Health Intelligence

Approved by: Jane Kelley, COVID-19 Response Manager



SITREP 007

Coronavirus disease 2019 (COVID-19)

Issued: 1000 hours 13 August 2020

New information in red text.

Unless otherwise specified, all information is current as of 1000 hours on 13 August 2020. The purpose of this report is to provide daily advice/evidence/policy from the health response to the COVID-19 pandemic.

The MOH NHCC has been activated to provide additional support for the new COVID-19 cases, however, the NHCC emails and phones are NOT activated". Please email covid-19response@health.govt.nz with any requests/information. Your email will be logged and promptly passed to the appropriate team

Please seek approval from the Response Manager before disseminating further dissemination is required.

Summary

1. There are 17 confirmed cases in the Auckland community of unknown origin but all linked. This includes confirmed and four probable cases.
2. s 9(2)(a) [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
3. Two investigation paths underway in parallel
 - Source attribution
 - Containment
4. Auckland is now at Alert Level 3 and the rest of New Zealand is at Alert Level 2, until midnight on Friday 14 August 2020.

Situation

5. Auckland is now at Alert Level 3 and the rest of New Zealand is at Alert Level 2, until midnight on Friday 14 August 2020. For further details see:
<https://covid19.govt.nz/government-actions/covid-19-alert-system/#new-zealand-covid-19-alert-levels>

The 1400 sitrep will include information that clearly identifies the links between cases

IN CONFIDENCE – NOT FOR FURTHER DISSEMINATION

Please see the appendix for the updated case summaries

Health sector response

6. Ongoing investigation into the travel movements for Rotorua continue.
7. The company s 9(2)(a) for has four workplace sites that cover s staff members. Mount Wellington and the Airport site have been closed. All staff from these sites were tested yesterday.
8. One of the Mt Wellington symptomatic colleagues of s 9(2) visited a rest home in Morrinsville. s 9(2)(a) who visited the rest home is in a household of s people. The PHUs are following up for further investigation. The Rest home has been in lockdown since Tuesday at 16:30pm and all staff will be tested today as a precaution.
9. A site visit to the Mt Wellington work place for swabbing of the workplace is being undertaken this morning by MPI. Imported goods arrive via Maritime Port and are assessed by MPI. They are then taken to the Mt Wellington site and are unloaded and rechecked by MPI biosecurity staff. Goods arrive from Argentina, North America, and Australia. MPI staff will tested at these site today.

Testing and test supply numbers

Auckland

Four Community Testing Centres have been stood up for symptomatic people (however, have specified asymptomatic people won't be turned away). The closure time for these centres is 6 pm(although the centres will test people in the queue remaining after 6 pm). Locations include:

- Whanau House Henderson
- Eden Terrace
- Northcote
- Whanau Ora Wiri

Pop up Community Testing Centre:

Two additional pop-up Community Testing Centres (CTCs) will open in Henderson and Airport Oaks on Thursday 13 August, bringing the total number of pop-up and permanent CTCs in Auckland to 15.

Demand for testing is high across the city with 3,546 people swabbed at CTCs on Wednesday 12 August.

Eleven pop-up Community Testing Centres will be open:

- Coast to Coast Wellsford Medical Centre
- Coast to Coast Walkworth
- Eventfinda Stadium Carpark (Wairau Valley)
- White Cross St Lukes Accident & Urgent Medical
- Health New Lynn
- Henderson Specialty Centre
- Botany Road CTC
- Local Doctors Airport Oaks

- Otara Town Centre CTC
- Takanini Urgent Care
- Waiheke Medical Centre

These are in addition to the permanent CTCs in Northcote, Eden Terrace, Henderson and Wiri.

People can also be tested for free at general practices and urgent care clinics and these providers have also seen increased demand.

10. Genome sequencing results – the first four cases have been completed and are all consistent with each other. No identical match to any cases in the managed isolation and quarantine samples sequenced has been found. Further investigation is ongoing.

Testing numbers

11. 6000 swabs were completed as at midnight last night. This morning another 2000 were completed by 9:00am with an additional 4000 in the queue. This does not include testing conducted at GPs and Primary Care.

Contact tracing numbers

12. Contact tracing for community cases since 11 August 2020 (cumulative total over two days):

	13/08/2020	12/08/2020	
	9am	12pm	6pm
Number of close contacts identified	326	208	193
Number of close contacts successfully contacted	199	10	167
Number of close contacts referred to "finding services"*	1	0	0
Number of close contacts awaiting contact	126	198	26
Number of close contacts tested	19	--	--
Number of close contacts who have tested positive	2	--	--
Number of close contacts who have tested negative	17	--	--

*Contacts loaded into the National Contact Tracing Solution, and managed by either the National Investigation and Tracing Unit or the Public Health Units. Awaiting delegation by the Public Health Units to the call centre.

**N.B "Finding services" refers to the mechanism the National Close Contact Service uses to find valid contact details for close contacts we do not have the correct contact details for. These services utilise internal Ministry of Health databases along with Police, Customs and Airlines where relevant. "

This total number is less than the number reported in the 2pm SitRep as duplicate close contacts have been removed from the system.

Calls will continue to be made until 9pm this evening to reach the remaining 26 close contacts are awaiting contact by a Public Health Unit or by the Ministry's National Close Contact Service.

National Telehealth Service (NTS)

13. Healthline report a high number of youth phoning. Healthline are seeking clarity of the case definition and the need for HIS criteria. The Ministry will provide clarification.

IN CONFIDENCE – NOT FOR FURTHER DISSEMINATION

14. On 11 August 2020, NTS had 3,065 contacts compared to 975 on the same day last year.
15. Demand on 1737 and other mental health services was 98 calls (17% higher than forecast).
16. Between midnight last night and 0900 this morning, Healthline answered 2,004 calls.
17. Healthline is activating its resurgence plan an additional 60 staff already on the phones this morning. As at 1000 the waiting time was 112 minutes with 778 people waiting.
18. The top themes since yesterday's announcement are:
 - Symptom based Service User's seeking Testing Centres - Evenly distributed from all over the country, not just Auckland.
 - Businesses wanting to understand what level three and two means.
 - Information and anxiety on cross-region travel - especially those who have previously travelled through Auckland or who want to travel through Auckland.
 - Increase in Mental health service lines - anxiety relating to going back into lockdown.
 - Asymptomatic service users wanting testing in Auckland.

Education

School 1. Mt Albert Grammar School A letter was sent out to parents of students last night and the principal also placed a message facebook. And a media release went out this morning.

MAGS has a student with COVID-19, and a small number of students and staff are close contacts and will have to stay in self-isolation. They will receive a letter tonight. Everyone else who doesn't receive a letter needs to watch out for symptoms. We wish the student and the family a speedy recovery. Please do not speculate on social media. The school will still be open for students with essential worker parents.

School 2. Pakaranga College. s 9(2)(a)

School 3. Southern Cross Mangere. s 9(2)(a)

Awaiting test results in relation to school 2 and 3 prior to sending letters as per school 1.

Appendix 1: Case Summaries – as attachment

Appendix 2: Contact information

Response Manager s 9(2)(a) [REDACTED]	COVID-19Response@health.govt.nz
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The next SITREP will be at 1000 hours on 13 August 2020.

Prepared by: Bridget Murphy and Rebecca Drew, COVID-19 Public Health Intelligence

Approved by: Jane Kelley, COVID-19 Response Manager



SITREP 008

Coronavirus disease 2019 (COVID-19)

Issued: 1400 hours 13 August 2020

New information in red text.

Unless otherwise specified, all information is current as of 1400 hours on 13 August 2020. The purpose of this report is to provide daily advice/evidence/policy from the health response to the COVID-19 pandemic.

The Ministry NHCC has been activated to provide additional support for the new COVID-19 cases, however, the NHCC emails and phones are NOT activated". Please email covid-19response@health.govt.nz with any requests/information. Your email will be logged and promptly passed to the appropriate team

Please seek approval from the Response Manager before disseminating further.

Summary

1. There are 22 cases in the Auckland community all linked to a case of unknown origin.
2. A case has been discharged from hospital. There are no COVID-19 cases in hospital.
3. All positive cases and their families will go to Jet Park from today. s 9(2)(a) [REDACTED]
4. Two investigation paths underway in parallel
 - Source attribution
 - Containment
5. Auckland is now at Alert Level 3 and the rest of New Zealand is at Alert Level 2, until midnight on Friday 14 August 2020.

Key messages

6. The first key message document was distributed this morning. We are currently working on the updates for the next version. Please see attached pdf for the first key messages.

Situation

7. Auckland is now at Alert Level 3 and the rest of New Zealand is at Alert Level 2, until midnight on Friday 14 August 2020. For further details see:

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<https://covid19.govt.nz/government-actions/covid-19-alert-system/#new-zealand-covid-19-alert-levels>

8. Please see the attached appendices for the updated case summaries and case diagram.

Health sector response

9. Ongoing investigation into the travel movements for Rotorua continue.
10. The positive case who went to Rotorua also went on a boating trip to Taupo. There are at ten close contacts involved, all have been called. Five of them are now in quarantine/isolation.
11. s 9(2) works at Americold which has four workplace sites that cover s staff members. s 9(2) works at the Mount Wellington site that was closed on Tuesday and all staff were tested. The Airport site was closed on Wednesday after all staff were tested.
12. One of the Mt Wellington symptomatic colleagues of s 9(2) visited a rest home in Morrinsville. The man who visited the rest home is in a household of s people. All staff and guests have been tested. There has been one visitor and they returned a negative test.
13. A site visit to the Mt Wellington work place for swabbing of the workplace is being undertaken this morning by MPI. Imported goods arrive via Maritime Port and are assessed by MPI. They are then taken to the Mt Wellington site and are unloaded and rechecked by MPI biosecurity staff. Goods arrive from Argentina, North America, and Australia. MPI staff will tested at these sites today.

Testing centres and labs

14. Auckland scaled up testing centres yesterday, including extending opening hours.
15. Wellington has set up then CBAC/popup centres across Wellington and Lower Hutt.
16. The labs are indicating that current volumes cannot continue along with other hospital services. This varies by location. Tests have already been moved outside of Auckland.

Testing numbers

17. 16,756 tests were completed nationally since 10am on 12 August to 1.30pm today. The number excludes Auckland GPs.

Genomic sequencing

18. Genome sequencing results – the first four cases have been completed and are all consistent with each other. No identical match to any cases in the managed isolation and quarantine samples sequenced has been found. Further investigation is ongoing.

Contact tracing

19. All 88 close contacts at Auckland Grammar have been called.
20. Contact tracing for community cases since 11 August 2020 (cumulative total over two days):

National Telehealth Service (NTS)

21. The Ministry is working with Regional Public Health to extend test sites in Wellington and the Wairapara.
22. There is an increasing trend in calls after 1600 hours from people expressing concern at being on their own in a lockdown situation.

Education

23. School 1. Mt Albert Grammar School. A letter was sent out to parents of students last night and the principal also placed a message Facebook. And a media release went out this morning. MAGS has a student with COVID-19, and a small number of students and staff are close contacts and will have to stay in self-isolation. They will receive a letter tonight. Everyone else who doesn't receive a letter needs to watch out for symptoms. We wish the student and the family a speedy recovery. Please do not speculate on social media. The school will still be open for students with essential worker parents. Mt Albert Grammar School students and teachers were contacted this morning and approximately 125 close contacts will be tested in the next 24 hours. There is a slight delay in testing due to teams being diverted to other priority groups today.
24. School 2. Pakuranga College. s 9(2)(a) [REDACTED]
[REDACTED]
[REDACTED]
25. School 3. Southern Cross Mangere. This will be updated for 1800 hours SitRep.
26. Awaiting test results in relation to school 2 and 3 prior to sending letters as per school 1.

Appendix 2: International Cases

Current investigations:

Country	Share of GDP
United States	1.2%
Germany	0.8%
France	0.7%
Italy	0.6%
Spain	0.5%
Japan	0.4%
China	0.3%
India	0.2%
South Korea	0.1%
United Kingdom	0.1%
Canada	0.1%
Other countries	0.1%

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]
 [REDACTED]
 [REDACTED]
 [REDACTED]
 [REDACTED]

[REDACTED]
 [REDACTED]
 [REDACTED]
 [REDACTED]

s 9(2)(a) [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

[REDACTED]
[REDACTED]

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
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[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

Contact information

Response Manager s 9(2)(a) [REDACTED]	COVID-19Response@health.govt.nz
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The next SITREP will be at 1800 hours on 13 August 2020.

Prepared by: Bridget Murphy and Rebecca Drew, COVID-19 Public Health Intelligence

Approved by: Jane Kelley, COVID-19 Response Manager



SITREP 009

Coronavirus disease 2019 (COVID-19)

Issued: 1800 hours 13 August 2020

New information in red text.

Unless otherwise specified, all information is current as of 1800 hours on 13 August 2020. The purpose of this report is to provide daily advice/evidence/policy from the health response to the COVID-19 pandemic.

The Ministry NHCC has been activated to provide additional support for the new COVID-19 cases, however, the NHCC emails and phones are NOT activated". Please email covid-19response@health.govt.nz with any requests/information. Your email will be logged and promptly passed to the appropriate team

Please seek approval from the Response Manager before disseminating further.

Summary

1. There are 23 confirmed and one probable cases in the Auckland community all linked to a case of unknown origin. There is one confirmed case in Waikato.
2. A case has been discharged from hospital. There are no COVID-19 cases in hospital.
3. s 9(2)(a) [REDACTED]
4. All positive cases and their families will go to Jet Park from today. Transfers are still progressing with the remaining cases. No ETA on when they will be transferred. s 9(2)(a) [REDACTED]
5. Two investigation paths underway in parallel
 - Source attribution - Focus on case with earliest onset date to gather details and actions of movements 14 days prior. A worker at Mt Wellington workplace.
 - Containment
6. Auckland is now at Alert Level 3 and the rest of New Zealand is at Alert Level 2, until midnight on Friday 14 August 2020.

IN CONFIDENCE – NOT FOR FURTHER DISSEMINATION

Key messages

7. The first key message document was distributed this morning. We are currently working on the updates for the next version. Please see attached pdf for the first key messages.

Situation

8. Auckland is now at Alert Level 3 and the rest of New Zealand is at Alert Level 2, until midnight on Friday 14 August 2020. For further details see: <https://covid19.govt.nz/government-actions/covid-19-alert-system/#new-zealand-covid-19-alert-levels>
9. Please see the attached appendices for the updated case summaries and case diagram.

Health sector response

10. Ongoing investigation into the travel movements for Rotorua continue.
11. The positive case who went to Rotorua also went on a boating trip to Taupo. There are ten close contacts involved, all have been called. Five of them are now in quarantine/isolation.
12. s 9(2) works at Americold which has four workplace sites that cover s staff members. s 9(2) works at the Mount Wellington site that was closed on Tuesday and all staff were tested. The Airport site was closed on Wednesday after all staff were tested.
13. One of the Mt Wellington symptomatic colleagues of s 9(2) visited a rest home in Morrinsville. The man who visited the rest home is in a household of s people. All staff and guests have been tested. There has been one visitor and they returned a negative test.
14. s 9(2)(g)(i) Imported goods arrive via Maritime Port and are assessed by MPI. They are then taken to the Mt Wellington site and are unloaded and rechecked by MPI biosecurity staff. Goods arrive from Argentina, North America, and Australia. MPI staff will be tested at these sites today.
15. A new Auckland workplace is being scoped today. A close contact of an existing case is an employee of this workplace.

16. An Auckland church is being scoped that is associated with a case at the Mt Wellington workplace.

Testing centres and labs

17. Auckland scaled up testing centres yesterday, including extending opening hours.
18. Wellington has set up CBAC/popup centers across Wellington and Lower Hutt. 5 CBAC's are planned for Wellington, 2 pop ups were stood up today. The remaining three will be stood up tomorrow.
19. The labs are actively managing current volumes, we are proactivley working with them to determine when we may need to triage other lab requests e.g other hospital services.

Testing numbers

20. 16,756 tests were completed nationally since 10am on 12 August to 1.30pm today. The number excludes Auckland GPs.
21. 8000 tests have been processed today.

Testing Stream	Number of tests
Community	10,059
MIF Staff	284
MIF Guests	919
Airport Staff	350
Maritime Staff	323
Total	11,935

Genomic sequencing

22. Genome sequencing results – the first four cases have been completed and are all consistent with each other. No identical match to any cases in the managed isolation and quarantine samples sequenced has been found. There is no identical match to any previous cases in New Zealand. Further investigation is ongoing.

Contact tracing

23. All 88 close contacts at Mt Albert Grammar have been contacted and will be tested tomorrow. They are all in self-isolation.
24. Contact tracing for community cases since 11 August 2020 (cumulative total over two days):

National Telehealth Service (NTS)

25. The Ministry is working with Regional Public Health to extend test sites in Wellington and the Wairapara.
26. Healthline - yesterday, in total circa 5,320 calls were answered / outbound calls made yesterday (compared to 952 on the same day last year). The afternoon saw higher demand as people struggled with the anxiety of being in lockdown.
27. As at 5pm, Healthline services are running about 15% higher than the same time yesterday (with 3,701 contacts as at 5pm). Wait times have been under an hour all day
- Mental health services have been quieter today so far – however last night we saw a sharp increase in volume after 5pm
 - Themes have largely remained as per reported below. Community concern and calls in the Taupo / Rotorua region has increased
 - Testing access issues continue to be reported outside of the Auckland region. There have been no issues reported today for the Auckland region
 - Businesses are confused about what to do if they have casual or close contacts in their workplaces

Education

28. School 1. Mt Albert Grammar School. A letter was sent out to parents of students last night and the principal also placed a message Facebook. And a media release went out this morning. MAGS has a student with COVID-19, and a small number of students and staff are close contacts and will have to stay in self-isolation. They will receive a letter tonight. Everyone else who doesn't receive a letter needs to watch out for symptoms. We wish the student and the family a speedy recovery. Please do not speculate on social media. The school will still be open for students with essential worker parents. Mt Albert Grammar School students and teachers were contacted this morning and approximately 125 close contacts will be tested in the next 24 hours. There is a slight delay in testing due to teams being diverted to other priority groups today.
29. School 2. Pakuranga College. s 9(2)(a) [REDACTED]
[REDACTED]
[REDACTED]
30. School 3. Southern Cross Mangere. This will be updated for 1800 hours SitRep.
31. Awaiting test results in relation to school 2 and 3 prior to sending letters as per school 1.
32. Two other education centres have been identified as being associated with cases. Mangere Christian Day Care and Torbay Primary School.
33. Mangere Christian Day Care is closed, and all staff and children are being treated as close contacts. Numbers to be confirmed.
34. Torbay Primary School is closed, they have both close and casual contacts. Numbers to be confirmed.

Appendix 1: Case Summaries – see attachment

Appendix 2: International Cases

The following information relates to International Cases currently under investigation

Current investigations:

s 9(2)(a)

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

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[illegible][illegible]

Response Manager s 9(2)(a)	COVID-19Response@health.govt.nz
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The next SITREP will be at 1000 hours on 14 August 2020.

Prepared by: Bridget Murphy and Rebecca Drew, COVID-19 Public Health Intelligence
Approved by: Jane Kelley, COVID-19 Response Manager

Approved by: Jane Kelley, COVID-19 Response Manager

IN CONFIDENCE – NOT FOR FURTHER DISSEMINATION



SITREP 010
Coronavirus disease 2019 (COVID-19)
Issued: 1000 hours 14 August 2020

New information in red text.

This report provides three-times daily updates on the COVID-19 health system response. Unless otherwise specified, all information is current as at 1000 hours on 14 August 2020.

The National Health Coordination Centre (NHCC) has been activated. The NHCC emails and phones are NOT activated – please use the single point of contact email covid-19response@health.govt.nz for help / support. Your email will be logged and promptly passed to the appropriate team.

This document is classified IN CONFIDENCE and not for further distribution.

Summary

1. There are 30 cases in the community. All are linked to a case of unknown origin that tested positive on 11 August 2020.
2. There is one case in hospital. One case that was previously hospitalised has been discharged. **s 9(2)(a)**
[REDACTED]
[REDACTED]
[REDACTED]
3. There are five new cases in Auckland since the last sitrep at 1800 on 13 August 2020 as follows:
 - One new case (refer para 2) is in a stable condition in Auckland City Hospital. Case investigation will continue.
 - Two new cases are known household contacts connected to the cluster - one connected to an employee at Americold, and the other connected to Finance Now.
 - Two new cases are **s 9(2)(a)** from Americold Mt Wellington.
4. Investigations into two new cases in the Waikato area are ongoing and updates will be provided in next sitrep, including a breakdown of cases by region. However, we can report that these cases are in isolation and are being cared for by DHB staff with support from Māori wardens and community groups.
5. On 13 August 2020 the Director-General issued a direction to Medical Officers of Health to ensure all new cases are quarantined at an appropriate dedicated facility.

IN CONFIDENCE – NOT FOR FURTHER DISSEMINATION

6. A total of s families (s people) have now moved to Jet Park quarantine. This is an increase of s families from the last sitrep.
7. Cases' wellbeing while in quarantine is a top priority. s 9(2)(a)
[REDACTED]
8. Our investigation has two main focus areas that run in parallel:
 - **Source attribution** – a focus on investigating the case with the earliest symptom onset date to gather details actions of movements 14 days prior. This will help to understand the possible source of the new outbreak.
 - **Containment** – rigorous case investigation, identification of close contacts and isolation and testing to ensure that chain of transmission is broken.
9. Auckland is at Alert Level 3 and the rest of New Zealand at Alert Level 2 until midnight on Friday 14 August 2020.

Key messages

10. The first key message document was distributed on 13 August 2020 (attached).

Situation

11. Auckland is at Alert Level 3 and the rest of New Zealand at Alert Level 2 until midnight on Friday 14 August 2020. For further details see:
<https://covid19.govt.nz/government-actions/covid-19-alert-system/#new-zealand-covid-19-alert-levels>
12. Please see the attached appendices for the updated case summaries and case diagram.

Health sector response [to be revised in next sitrep]

13. Ongoing investigation into the travel movements around Rotorua continue.
14. The positive case who went to Rotorua also went on a boating trip to Taupo. There are ten close contacts involved, all of which have been contacted. Five of them are now in quarantine/isolation.
15. s 9(2) works at Americold which has four workplace sites that cover s staff members. s 9(2) works at the Mount Wellington site that was closed on Tuesday and all staff were tested. The Airport site was closed on Wednesday after all staff were tested.
16. One of the Mt Wellington symptomatic colleagues of s 9(2) visited a rest home in Morrinsville. The man who visited the rest home is in a household of s people. All staff and guests have been tested. There has been one visitor and they returned a negative test.

17. s 9(2)(g)(i) [REDACTED]
[REDACTED]
[REDACTED] Imported goods arrive via Maritime Port and are assessed by MPI. They are then taken to the Mt Wellington site and are unloaded and rechecked by MPI biosecurity staff. Goods arrive from Argentina, North America, and Australia. MPI staff will be tested at these sites today.
18. One new workplace is being scoped in relation to a case that is a family member associated with a worker at Mt Wellington workplace.
19. A church is being scoped which is associated with a case at Mt Wellington workplace.
20. ARPHS are needing clarification on advice of how to manage casual contacts. ARPHS raised that having then isolated until negative test has huge implications. The Ministry is following up on this.
21. Waikato is looking into standing up a new quarantine facility in the next 48 hours to care for Waikato cases.

Testing centres and labs [to be revised in next sitrep]

22. Auckland scaled up testing centres yesterday, including extending opening hours.
23. Wellington has set up then CBAC/popup centers across Wellington and Lower Hutt. 5 CBACs have opened in Wellington in total, with two established today.
24. The labs are indicating that current volumes cannot continue along with other hospital services. This varies by location. Tests have already been moved outside of Auckland.

Testing numbers [to be revised in next sitrep]

25. 15,703 tests were completed yesterday nationally. This brings the total tests completed at 10am since 12 August 2020 to 25,934.

Genomic sequencing

26. Genome sequencing results – the first four cases have been completed and are all consistent with each other. No identical match to any cases in the managed isolation and quarantine samples sequenced has been found. Also no identical match to any previous cases in New Zealand. Further investigation is ongoing.

Contact tracing [to be revised in the next sitrep]

27. Two cases who were close household contacts of a case who is an Americold employee attended the s 9(2)(a) [REDACTED] on 9 August. s 9(2) [REDACTED]
[REDACTED] There are around 100 close contacts who attended the

church. The minister has been contacted and the church is being scoped by ARPHS today.

28. Two cases visited Manukau Super Clinic on Monday 10 August and were there for around 40 minutes. ARPHS is looking to close the clinic and will continue all appointments via video call.

29. Contact tracing for community cases since 11 August 2020:

	12/08/2020		13/08/2020			14/08/2020		
	2pm	6pm	10am	2pm	6pm	10am	2pm	6pm
Number of close contacts identified*	208	193	326	496	690	771		
Number of close contacts successfully contacted	10	167	199	237	349	514		
Number of close contacts referred to "finding services"***	0	0	1	9	11	21		
Number of close contacts awaiting contact	198	26	126	250	330	236		

- 30.

National Telehealth Service (NTS)

31. The Ministry is working with Regional Public Health to extend test sites in Wellington and the Wairapara.
32. Yesterday, in total circa 5,108 calls were answered / outbound calls made yesterday (compared to 956 on the same day last year). Additional staffing was recalled yesterday and throughout the day the wait times were managed circa 20min max. Late last night wait times increased due to higher than expected demand driven by media.

Education

33. School 1. Mt Albert Grammar School. A letter was sent out to parents of students last night and the principal also placed a message Facebook. And a media release went out this morning. MAGS has a student with COVID-19, and a small number of students and staff are close contacts and will have to stay in self-isolation. They will receive a letter tonight. Everyone else who doesn't receive a letter needs to watch out for symptoms. We wish the student and the family a speedy recovery. Please do not speculate on social media. The school will still be open for students with essential worker parents. Mt Albert Grammar School students and teachers were contacted this morning and approximately 125 close contacts will be tested in the next 24 hours. There is a slight delay in testing due to teams being diverted to other priority groups today.
34. School 2. Pakuranga College. s 9(2)(a) [REDACTED]
[REDACTED]
[REDACTED]
35. School 3. Southern Cross Mangere. This will be updated for 1800 hours SitRep.

36. Two other education centres have been identified as being associated with cases. Mangere Christian Day Care and Torbay Primary School. All staff and children at Mangere Christian Day Care are being treated as close contacts. Letters have been sent by ARPHS. Torbay Primary School has both close and casual contacts. Tall Bay Primary School has been closed for 72 hours and letters have been sent to all close contacts.
37. MIT was mentioned in the media but is not impacted as the case was not there while infectious.

Appendix 1: Case Summaries – see attachment

Appendix 2: International Cases

s 9(2)(a) [REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

Contact information

Response Manager s 9(2)(a) [REDACTED]	COVID-19Response@health.govt.nz
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The next SITREP will be at 1000 hours on 14 August 2020.

Prepared by: Bridget Murphy and Rebecca Drew, COVID-19 Public Health Intelligence

Approved by: Jane Kelley, COVID-19 Response Manager

SITREP 011

Coronavirus disease 2019 (COVID-19)

Issued: **1400 hours 14 August 2020**

Information current at: **1400**

This report provides three-times daily updates on the COVID-19 health system response. New information is denoted by red text.

Please use the single point of contact email covid-19response@health.govt.nz for help / support. Your email will be logged and promptly passed to the appropriate team.

This document is classified IN CONFIDENCE and not for further distribution.

Need to know

- As at **1400** there are **3** new cases in the community and **33** community in total as set out in the table below. This total comprises one cluster (Auckland Community Cluster August 2020).

Case Status	Counties Manukau	Waitematā	Auckland	Waikato	Total
Confirmed	18 (+1)	5	7 (+2)	2	32 (+3)
Probable	1	0	0	0	1
Total	19	5	7	2	33 (+3)

- As at 0900 there are no new cases at the border, taking the total to 98
- There is **1** case requiring hospital-level care (**no change** from the last sitrep) as follows:
 - Case **s**: **Auckland (Auckland City Hospital) – s 9(2)(a)**

Health system response

Overall approach

- Our investigation has two main focus areas that run in parallel:

- **Source attribution** – a focus on investigating the case with the earliest symptom onset date to gather details actions of movements 14 days prior. This will help to understand the possible source of the new outbreak.
- **Containment** – rigorous case investigation, identification of close contacts and isolation and testing to ensure that chain of transmission is broken.

Investigation: Auckland Community Cluster August 2020

Auckland case investigation updates

Americold (two sites)

- s 9(2)(g)(i) goods arrive via Maritime Port and are assessed by MPI. They are then taken to the Mt Wellington site and are unloaded and rechecked by MPI biosecurity staff. Goods arrive from Argentina, North America, and Australia. MPI staff will tested at these sites today.

E.g. Finance Now

- The floor in the building that Finance Now occupies has been closed.

Other Locations

- A church is being scoped which is associated with a case at Mt Wellington workplace.
- There are five schools associated with the Auckland Cluster. All five schools have been closed and letters have been sent to all contacts. Close contacts have been advised to self-isolate and be tested. Casual contacts have been advised to be tested if they become symptomatic.
- MIT was mentioned in the media but is not impacted as the case was not there while infectious.
- Two cases visited Manukau Super Clinic on Monday 10 August and were there for around 40 minutes. ARPMS is looking to close the clinic and will continue all appointments via video call.

Waikato case investigation updates

- The two cases in Waikato are in isolation and are being cared for by DHB staff with support from Māori wardens and community groups. Close contacts and family members are also in self-isolation.
- Waikato DHB intends to establish a dedicated quarantine facility for these and potential other cases. The Ministry, DBH, Māori providers and MBIE and working on options at pace; with the preferred option being Jet Park Hamilton (however this is still being scoped). The Māori Health directorate is assisting with this work and appropriate support is being provided to the families involved.

Updates from ESR and wider testing

- Genome sequencing results – the first four cases have been completed and are all consistent with each other. No identical match to any cases in the managed isolation and quarantine samples sequenced has been found. No identical match to any previous cases in New Zealand. Further investigation is ongoing.

Contact Tracing

- As at 1400, contact tracing for all community cases since 11 August 2020 is summarised as follows:

	12/08/2020	13/08/2020	14/08/2020
Number of close contacts identified	193	690	913
Number of close contacts successfully contacted	167	349	635
Number of close contacts referred to "finding services"***	0	11	18
Number of close contacts awaiting contact	26	330	260

*Contacts loaded into the National Contact Tracing Solution, and managed by either the National Investigation and Tracing Unit or the Public Health Units. **N.B "Finding services" refers to the mechanism the National Close Contact Service uses to find valid contact details for close contacts we do not have the correct contact details for. These services utilise internal Ministry of Health databases along with Police, Customs and Airlines where relevant.

Testing

Testing numbers

- As at 1400 5,549 swabs have been collected nationally.
- On 13 August 2020 15,703 tests were completed nationally; bringing the total number of tests to 25,934 since (and including) 12 August 2020. This is summarised as follows:

Testing Stream	Number of tests (last 24 hrs as at 09:00 this morning)
Community	13,827
MIF Staff	738
MIF Guests	465
Airport Staff	350
Maritime Staff	323
Total	15,703

Testing activity by region

Focus areas for today (14 August 2020)

- There are 16 testing sites in Auckland. The central centre was moved to Eden Park to increase testing capacity and reduce congestion.
- Testing sites in Pukekohe and South Auckland are being explored. Mobile sites are available for coastal sites.
- Capital & Coast has set up CBAC/popup centres across Wellington and Lower Hutt. Five CBACs have opened in Wellington in total, with two established today.

Healthline updates

- On 13 August there were 5,108 contacts through Healthline, slightly lower than the day before (and compared to 956 on the same day last year).
- Demand on 1737 and other mental health services was 178 calls (circa 30%) higher than forecast.
- Additional staffing was recalled yesterday and throughout the day the wait times were managed circa 20min max. Late last night wait times increased due to higher than expected demand driven by media.
- The average wait time on the COVID-19 Information Line is 22 minutes.

Appendix 1: Case summaries – all cases reported 14 August 2020 (red cases reported since last SitRep)

Case Number	Date Tested Positive	Onset Date	Case Status	DHB	Sex	Age	Ethnicity	Symptoms [Yes/No]	Hosp	Occupation	Source of Transmission	Isolation Status
S 9(2) (a)												

								MANATU HAUDRA				S 9(2)
S 9(2) (a)												(a)

Appendix 2: International case investigations

s 9(2)(a)

[REDACTED]

s 9(2)(a)

[REDACTED]

SITREP 012

Coronavirus disease 2019 (COVID-19)

Issued: **1800 hours 14 August 2020**

Information current at: **1800**

This report provides three-times daily updates on the COVID-19 health system response. New information is denoted by red text.

Please use the single point of contact email covid-19response@health.govt.nz for help / support. Your email will be logged and promptly passed to the appropriate team.

This document is classified IN CONFIDENCE and not for further distribution.

Need to know

- As at **1800** there are **0** new cases in the community from the last SitRep and 33 community cases in total as set out in the table below. **This total comprises 32 cases linked to the cluster *Auckland Community Cluster August 2020*, with one further case under investigation.**

Case Status	Counties Manukau	Waitematā	Auckland	Waikato	Total
Confirmed	18	5	7	2	32
Probable	1	0	0	0	1
Total	19	5	7	2	33

- As at 0900 there are no new cases at the border, taking the total to 98
- There is 1 case requiring hospital-level care (no change from the last sitrep) as follows:
 - s 9(2)(a)** Auckland (Auckland City Hospital) – stable on ward
- s** family units have been transferred to MIQ facilities as per the Director-General's direction issued 13 August 2020. **s 9(2)** family units are in the process of being transferred. Logistics are being sorted to move a further **s** family units and discussions are being had with **s** family units.

Health system response

Overall approach

- Our investigation has two main focus areas that run in parallel:
 - **Source attribution** – a focus on investigating the case with the earliest symptom onset date to gather details actions of movements 14 days prior. This will help to understand the possible source of the new outbreak.
 - **Containment** – rigorous case investigation, identification of close contacts and isolation and testing to ensure that chain of transmission is broken.

Investigation: Auckland Community Cluster August 2020

Auckland case investigation updates

Americold (two sites)

- § 9(2)(g)(i) [REDACTED]
[REDACTED]
[REDACTED] Imported goods arrive via Maritime Port and are assessed by MPI. They are then taken to the Mt Wellington site and are unloaded and rechecked by MPI biosecurity staff. Goods arrive from Argentina, North America, and Australia. MPI staff will tested at these sites today.
- A further § 9 employees have been identified as close contacts.

Finance Now

- The floor in the building that Finance Now occupies has been closed.

Other Locations

- A church is being scoped which is associated with a case at Mt Wellington workplace.
- Two to three additional churches may be implicated and are being scoped.
- Two cases visited Manukau Super Clinic on Monday 10 August and were there for around 40 minutes. ARPHS is looking to close the clinic and will continue all appointments via video call.
- There are four education facilities associated with the Auckland Cluster that have been closed and letters have been sent to all contacts. Close contacts have been advised to self-isolate and be tested. Casual contacts have been advised to be tested if they become symptomatic. The education facilities that have been closed are Mt Albert Primary School, Glamorgan School in Torbay, Southern Cross Campus in Mangere East, and Taeaofou I Puaseisei Preschool in Mangere East.
- Other education facilities indirectly linked to the cluster remain open. The three facilities are Mt Albert Grammar School, Pakuranga College, and MIT.

Waikato case investigation updates

- The two cases in Waikato are in isolation and are being cared for by DHB staff with support from Māori wardens and community groups. Close contacts and family members are also in self-isolation. s 9(2)(a) Māori wardens are in place to provide support and security.
- Waikato DHB intends to establish a dedicated quarantine facility for these and potential other cases. The Ministry, DHB, Māori providers and MBIE are working on options at pace; with the preferred option being Jet Park Hamilton (however this is still being scoped). The Māori Health directorate is assisting with this work and appropriate support is being provided to the families involved. We are also working with Ngāti Raukawa to identify a second option for the quarantine facility.

Updates from ESR and wider testing

- Genome sequencing results – the first four cases have been completed and are all consistent with each other. No identical match to any cases in the managed isolation and quarantine samples sequenced has been found. No identical match to any previous cases in New Zealand. Further investigation is ongoing.
- There is a one mutation difference between these samples and the closest genome identified globally to date (reported in May 2020). This very low mutation rate may indicate that the virus has not replicated many times. This may indicate that the virus has transmitted through a small number of people over this time, that this lineage mutates less, or that the virus has been transmitted through means other than person-to-person spread, acknowledging that this requires a degree of environmental persistence that has yet been unobserved.

Contact Tracing

- As at 1800, contact tracing for all community cases since 11 August 2020 is summarised as follows:

	12/08/2020	13/08/2020	14/08/2020
Number of close contacts identified	193	690	1016 (+103)
Number of close contacts successfully contacted	167	349	797 (+162)
Number of close contacts referred to "finding services"***	0	11	14 (-4)
Number of close contacts awaiting contact	26	330	205 (-55)

*Contacts loaded into the National Contact Tracing Solution, and managed by either the National Investigation and Tracing Unit or the Public Health Units. **N.B "Finding services" refers to the mechanism the National Close Contact Service uses to find valid contact details for close contacts we do not have the correct contact details for. These services utilise internal Ministry of Health databases along with Police, Customs and Airlines where relevant.

Testing

Testing numbers

- As at 1800 12,160 swabs have been collected nationally.
- The table below is updated once per day to allow for data collection. For the most up-to-date total number of tests, refer to the bullet above. On 13 August 2020 15,703 tests were completed nationally; bringing the total number of tests to 25,934 since (and including) 12 August 2020. This is summarised as follows:

Testing Stream	Number of tests (last 24 hrs as at 09:00 this morning)
Community	13,827
MIF Staff	738
MIF Guests	465
Airport Staff	350
Maritime Staff	323
Total	15,703

- Please see Appendix 3: for a breakdown of testing by DHB and Ethnicity for further information and breakdowns of testing.

Testing activity by region

Focus areas for today (14 August 2020)

- There are 17 testing sites in Auckland City. The additional site is in the North Shore.
- There are now 39 designated community testing centres in the wider Auckland region. Locations have been identified in partnership with the DHB's Pacific Team. Further pop-ups will be stood up over the weekend.
- Testing sites in Pukekohe and South Auckland are being explored. Mobile sites are available for coastal sites.
- Capital & Coast has set up CBAC/popup centres across Wellington and Lower Hutt. Five CBACs have opened in Wellington in total, with two established today.

Healthline updates

- On 13 August there were 5,108 contacts through Healthline, slightly lower than the day before (and compared to 956 on the same day last year.
- Demand on 1737 and other mental health services was 178 calls (circa 30%) higher than forecast.
- Additional staffing was recalled yesterday and throughout the day the wait times were managed circa 20min max. Late last night wait times increased due to higher than expected demand driven by media.
- The average wait time on the COVID-19 Information Line is 22 minutes.

Health Workforce

- Health Workforce are working to identify those doctors and nurses in the Auckland and Lakes DHB regions who are willing to assist with increased community testing requirements. As of today, the names of 49 staff have been provided to Auckland DHB and 8 staff have been provided to Lakes DHB. All are vetted and available for an immediate start.
- Health Workforce are working with DHBs to investigate the feasibility of establishing a micro-credential for swabbing to expand capacity. It is envisaged the Kaiāwhina workforce will be used.
- Health Workforce is continuing to work with all 20 DHBs to understand their workforce needs, identify any gaps and provide support where possible.

Hospital Capacity

Type	Number of Units	Number Occupied / in use
ICU and HDU Beds	350	237 (67.7%)
Ventilators	284	57 (20.1%)
Ward Beds	6859	(80.2%)

Appendix 1: Case summaries

All cases reported 14 August 2020 (red cases reported since last SitRep)

EpiSurv Number	Date Tested Positive	Onset Date	Case Status	DHB	Sex	Age	Ethnicity	Symptoms [Yes/No]	Hosp	Occupation	Source of Transmission
s.9(2) (a)											

[illegible]

[illegible]

§ 9(2)(a)	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] [REDACTED]	[REDACTED]	[REDACTED] [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] [REDACTED]	[REDACTED]	[REDACTED] [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] [REDACTED]	[REDACTED] [REDACTED] [REDACTED]

Appendix 2: International case investigations

s 9(2)(a)

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

s 9(2)(a)

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Appendix 3: Testing by DHB and Ethnicity

Note: this is the number of people tested. The numbers in the Testing section above are the number of tests done.

Number of people tested for COVID-19 from 12 August to 13 August 2020						
	Prioritised Ethnicity MPAO					
DHB of Domicile	Māori	Pacific Peoples	Asian	Other	Unknown	Total
Auckland	165	231	379	1131	14	1920
Bay of Plenty	142	8	20	363	3	536
Canterbury	194	57	125	1661	10	2047
Capital and Coast	70	41	63	534	7	715
Counties Manukau	360	661	444	884	6	2355
Hawkes Bay	115	14	16	349	1	495
Hutt Valley	30	9	21	145	1	206
Lakes	218	21	32	366	9	646
Mid Central	145	43	50	655	8	901
Nelson Marlborough	60	9	14	433	2	518
Northland	114	7	10	204	NA	335
South Canterbury	10	2	4	170	NA	186
Southern	130	45	72	1216	4	1467
Tairāwhiti	71	6	3	53	NA	133
Taranaki	31	3	3	120	2	159
Waikato	302	81	75	822	16	1296
Wairarapa	18	3	0	83	NA	104
Waitematā	239	174	313	1501	5	2232
West Coast	0	0	0	13	NA	13
Whanganui	140	13	8	269	1	431
Unknown	86	36	38	376	110	646
Total	2640	1464	1690	11348	199	17341

Rate per 1000 people tested for COVID-19 from 12 August to 13 August 2020					
	Prioritised Ethnicity MPAO				
DHB of Domicile	Māori	Pacific Peoples	Asian	Other	Total
Auckland	3.8	4.1	2.0	4.3	3.5
Bay of Plenty	2.4	1.8	1.0	2.3	2.2
Canterbury	3.7	4.0	2.1	3.7	3.6
Capital and Coast	1.9	1.8	1.3	2.5	2.2
Counties Manukau	4.0	5.5	2.9	4.2	4.1
Hawkes Bay	2.7	2.2	1.7	3.2	3.0
Hutt Valley	1.2	0.8	1.1	1.5	1.4
Lakes	5.7	8.2	3.3	6.1	5.8
Mid Central	4.0	7.7	3.2	5.3	5.0
Nelson Marlborough	3.7	3.6	1.9	3.4	3.4
Northland	1.9	1.9	1.2	1.9	1.8
South Canterbury	1.9	4.1	1.7	3.3	3.1
Southern	3.9	6.5	2.8	4.5	4.4
Tairāwhiti	2.9	5.4	2.6	2.4	2.7
Taranaki	1.3	2.2	0.5	1.3	1.3
Waikato	3.1	6.1	1.7	3.1	3.1
Wairarapa	2.3	3.6	0.0	2.3	2.3
Waitematā	3.8	3.9	2.2	3.9	3.5
West Coast	0.0	0.0	0.0	0.5	0.4
Whanganui	8.1	8.5	2.7	6.3	6.6
Total	3.4	4.6	2.2	3.7	3.5

SITREP 013

Coronavirus disease 2019 (COVID-19)

Issued: **1000 hours 15 August 2020**

Information current at: **1000**

This report provides three-times daily updates on the COVID-19 health system response. New information is denoted by red text.

Please use the single point of contact email covid-19response@health.govt.nz for help / support. Your email will be logged and promptly passed to the appropriate team.

This document is classified IN CONFIDENCE and not for further distribution.

Need to know

- As at **1000** there are **4** new cases in the community from the last SitRep and **37** community cases in total as set out in the table below. **This total comprises 35 cases linked to the cluster *Auckland Community Cluster August 2020*, with two further case under investigation.**

Case Status	Counties Manukau	Waitematā	Auckland	Waikato	Total
Confirmed	20 (+2)	6 (+1)	8 (+1)	2	36 (+4)
Probable	1	0	0	0	1
Total	21 (+2)	6 (+1)	8 (+1)	2	37 (+4)

- As at 0900 there are no new cases at the border, taking the total to 98
- There is 1 case requiring hospital-level care (no change from the last sitrep) as follows:
 - s 9(2)(a)** Auckland (Auckland City Hospital) – **s 9(2)(a)**
- s 9(2)(a)** family units have been transferred to MIQ facilities as per the Director-General's direction issued 13 August 2020. **s 9(2)** family units are in the process of being transferred. Logistics are being sorted to move a further **s** family units and discussions are being had with **s** family units.
- 1.6 million masks were distributed to vulnerable communities in the Auckland region.**

Health system response

Overall approach

- Our investigation has two main focus areas that run in parallel:
 - **Source attribution** – a focus on investigating the case with the earliest symptom onset date to gather details actions of movements 14 days prior. This will help to understand the possible source of the new outbreak.
 - **Containment** – rigorous case investigation, identification of close contacts and isolation and testing to ensure that chain of transmission is broken.

Investigation: Auckland Community Cluster August 2020

Auckland case investigation updates

Americold (two sites)

- s 9(2)(g)(i)

 Imported goods arrive via Maritime Port and are assessed by MPI. They are then taken to the Mt Wellington site and are unloaded and rechecked by MPI biosecurity staff. Goods arrive from Argentina, North America, and Australia. MPI staff will **were tested** at these sites **on 14 August 2020**.
- 26 of the 35 staff at the Americold Mt Wellington site have been tested. 6 are positive, 16 are negative, and 4 results are pending.
- 41 staff at the Americold Airport site have been tested. All 41 are negative.

Finance Now

- The floor in the building that Finance Now occupies has been closed.
- 158 of the 161 staff at Finance Now have been tested. 5 are positive, 71 are negative, and 41 results are pending.

Other Locations

- A church is being scoped which is associated with a case at Mt Wellington workplace. **One of the new cases this morning is a close contact from the church.**
- Two to three additional churches may be implicated and are being scoped.
- **Testing was done at an implicated Aged Residential Care Facility. All results are negative.**
- Two cases visited Manukau Super Clinic on Monday 10 August and were there for around 40 minutes. ARPHS is looking to close the clinic and will continue all appointments via video call.

- There are four education facilities associated with the Auckland Cluster that have been closed and letters have been sent to all contacts. Close contacts have been advised to self-isolate and be tested. Casual contacts have been advised to be tested if they become symptomatic. The education facilities that have been closed are Mt Albert Primary School, Glamorgan School in Torbay, Southern Cross Campus in Mangere East, and Taeaofou I Puaseisei Preschool in Mangere East.
- A mobile testing site is going to Glen Morgan Primary School this morning to test close contacts and will not turn anyone away who turns up.
- Other education facilities indirectly linked to the cluster remain open. The three facilities are Mt Albert Grammar School, Pakuranga College, and MIT.

Waikato case investigation updates

- The two cases in Waikato are in isolation and are being cared for by DHB staff with support from Māori wardens and community groups. Close contacts and family members are also in self-isolation. s 9(2)(a) Māori wardens are in place to provide support and security.
- The two cases from Waikato are being transferred to Jet Park in Auckland at lunch time today.
- 21 close contacts of the cases in Waikato have been tested. 20 are negative, and 1 result is pending.

Updates from ESR and wider testing

- Genome sequencing results – the first four cases have been completed and are all consistent with each other. No identical match to any cases in the managed isolation and quarantine samples sequenced has been found. No identical match to any previous cases in New Zealand. Further investigation is ongoing.
- There is a one mutation difference between these samples and the closest genome identified globally to date (reported in May 2020). This very low mutation rate may indicate that the virus has not replicated many times. This may indicate that the virus has transmitted through a small number of people over this time, that this lineage mutates less, or that the virus has been transmitted through means other than person-to-person spread, acknowledging that this requires a degree of environmental persistence that has yet been unobserved.

Contact Tracing

- Six contact tracing teams have been stood up in Auckland with one additional team used for symptom triage.
- For cases reported during the period 6th August to 12th August, 593 close contacts had been identified. 86.8% (515) of these have been successfully contacted, against the target of 80% of close contacts reached in 48 hours of the case being notified.

- As at **1000**, contact tracing for all community cases since 11 August 2020 is summarised as follows:

	12/08/2020	13/08/2020	14/08/2020	15/08/2020
Number of close contacts identified	193	690	1016	1090
Number of close contacts successfully contacted	167	349	797	934
Number of close contacts referred to "finding services"***	0	11	14	28
Number of close contacts awaiting contact	26	330	205	128

*Contacts loaded into the National Contact Tracing Solution, and managed by either the National Investigation and Tracing Unit or the Public Health Units. **N.B "Finding services" refers to the mechanism the National Close Contact Service uses to find valid contact details for close contacts we do not have the correct contact details for. These services utilise internal Ministry of Health databases along with Police, Customs and Airlines where relevant.

Testing

Testing numbers

- The table below is updated once per day to allow for data collection. On **14** August 2020 **23,846** tests were completed nationally; bringing the total number of tests to **49,780** since (and including) 12 August 2020. This is summarised as follows:

Testing Stream	Number of tests (last 24 hrs as at 09:00 this morning)
Community	22,017
MIF Staff	583
MIF Guests	-
Airport Staff	976
Maritime Staff	270
Total	23,846

- Please see Appendix 3: for a breakdown of testing by DHB and Ethnicity for further information and breakdowns of testing. **This will be updated for the 1400 SitRep.**

Testing activity by region

Focus areas for today (14 August 2020)

- There are 17 testing sites in Auckland City.
- There are 39 designated community testing centres in the wider Auckland region. Locations have been identified in partnership with the DHB's Pacific Team. **Mobile testing sites are being redeployed to test close contacts as required.**
- Testing sites in Pukekohe and South Auckland are being explored. Mobile sites are available for coastal sites.
- Capital & Coast has set up CBAC/popup centres across Wellington and Lower Hutt. Five CBACs have opened in Wellington in total, with two established today.

Healthline updates

- On 14 August there were **4,506** contacts through Healthline.

Health Workforce

- Health Workforce are working to identify those doctors and nurses in the Auckland and Lakes DHB regions who are willing to assist with increased community testing requirements. As of today, the names of 49 staff have been provided to Auckland DHB and 8 staff have been provided to Lakes DHB. All are vetted and available for an immediate start.
- Health Workforce are working with DHBs to investigate the feasibility of establishing a micro-credential for swabbing to expand capacity. It is envisaged the Kaiāwhina workforce will be used.
- Health Workforce is continuing to work with all 20 DHBs to understand their workforce needs, identify any gaps and provide support where possible.

Hospital Capacity

- **This data stream is not reported on during weekends.**
- As at 1000 14 August 2020, ICU and HUD bed, ventilators, and ward beds are summarised as follows:

Type	Number of Units	Number Occupied / in use
ICU and HDU Beds	350	237 (67.7%)
Ventilators	284	57 (20.1%)
Ward Beds	6859	(80.2%)

Appendix 1: Case summary

All cases reported in the community since 11 August 2020 (red cases reported since last SitRep)

[illegible]

[illegible]

[illegible]

[illegible]

s 9(2)(a) [REDACTED] [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] [REDACTED] [REDACTED]
[REDACTED] [REDACTED] [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] [REDACTED]	[REDACTED]	[REDACTED] [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] [REDACTED] [REDACTED]
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[REDACTED] [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] [REDACTED]	[REDACTED]	[REDACTED] [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] [REDACTED] [REDACTED]	[REDACTED] [REDACTED] [REDACTED]

Appendix 2: International case investigations

s 9(2)(a)

[REDACTED]

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s 9(2)(a)

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Appendix 3: Testing by DHB and Ethnicity

Note: this is the number of people tested. The numbers in the Testing section above are the number of tests done.

Number of people tested for COVID-19 from 12 August to 13 August 2020						
	Prioritised Ethnicity MPAO					
DHB of Domicile	Māori	Pacific Peoples	Asian	Other	Unknown	Total
Auckland	165	231	379	1131	14	1920
Bay of Plenty	142	8	20	363	3	536
Canterbury	194	57	125	1661	10	2047
Capital and Coast	70	41	63	534	7	715
Counties Manukau	360	661	444	884	6	2355
Hawkes Bay	115	14	16	349	1	495
Hutt Valley	30	9	21	145	1	206
Lakes	218	21	32	366	9	646
Mid Central	145	43	50	655	8	901
Nelson Marlborough	60	9	14	433	2	518
Northland	114	7	10	204	NA	335
South Canterbury	10	2	4	170	NA	186
Southern	130	45	72	1216	4	1467
Tairāwhiti	71	6	3	53	NA	133
Taranaki	31	3	3	120	2	159
Waikato	302	81	75	822	16	1296
Wairarapa	18	3	0	83	NA	104
Waitematā	239	174	313	1501	5	2232
West Coast	0	0	0	13	NA	13
Whanganui	140	13	8	269	1	431
Unknown	86	36	38	376	110	646
Total	2640	1464	1690	11348	199	17341

Rate per 1000 people tested for COVID-19 from 12 August to 13 August 2020					
	Prioritised Ethnicity MPAO				
DHB of Domicile	Māori	Pacific Peoples	Asian	Other	Total
Auckland	3.8	4.1	2.0	4.3	3.5
Bay of Plenty	2.4	1.8	1.0	2.3	2.2
Canterbury	3.7	4.0	2.1	3.7	3.6
Capital and Coast	1.9	1.8	1.3	2.5	2.2
Counties Manukau	4.0	5.5	2.9	4.2	4.1
Hawkes Bay	2.7	2.2	1.7	3.2	3.0
Hutt Valley	1.2	0.8	1.1	1.5	1.4
Lakes	5.7	8.2	3.3	6.1	5.8
Mid Central	4.0	7.7	3.2	5.3	5.0
Nelson Marlborough	3.7	3.6	1.9	3.4	3.4
Northland	1.9	1.9	1.2	1.9	1.8
South Canterbury	1.9	4.1	1.7	3.3	3.1
Southern	3.9	6.5	2.8	4.5	4.4
Tairāwhiti	2.9	5.4	2.6	2.4	2.7
Taranaki	1.3	2.2	0.5	1.3	1.3
Waikato	3.1	6.1	1.7	3.1	3.1
Wairarapa	2.3	3.6	0.0	2.3	2.3
Waitematā	3.8	3.9	2.2	3.9	3.5
West Coast	0.0	0.0	0.0	0.5	0.4
Whanganui	8.1	8.5	2.7	6.3	6.6
Total	3.4	4.6	2.2	3.7	3.5

SITREP 014

Coronavirus disease 2019 (COVID-19)

Issued: **1400 hours 15 August 2020**

Information current at: **1400**

This report provides three-times daily updates on the COVID-19 health system response. New information is denoted by red text.

Please use the single point of contact email covid-19response@health.govt.nz for help / support. Your email will be logged and promptly passed to the appropriate team.

This document is classified IN CONFIDENCE and not for further distribution.

Need to know

- As at **1300** there is **1** new case in the community from the last SitRep and **38** community cases in total as set out in the table below. **This total comprises 36 cases linked to the cluster *Auckland Community Cluster August 2020*, with two further case under investigation.**

Case Status	Counties Manukau	Waitematā	Auckland	Waikato	Total
Confirmed	21 (+1)	6	8	2	37 (+1)
Probable	1	0	0	0	1
Total	22 (+1)	6	8	2	38 (+1)

- As at 0900 there are no new cases at the border, taking the total to 98.
- There is 1 case requiring hospital-level care (no change from the last sitrep) as follows:
 - s 9(2)(a)** Auckland (Auckland City Hospital) – **s 9(2)(a)**
- 27 of the 38 cases have been transferred to the Jet Park MIQ facility in Auckland as per the Director-General's direction issued 13 August 2020. All 27 went voluntarily. This includes the two cases from Waikato. The remaining 11 cases are in self-isolation and are being managed by ARPHS.**
- 1.6 million masks were distributed to vulnerable communities in the Auckland region.
- Due to unprecedented testing across the country we are observing time delays in processing swabs. To balance load, samples are being distributed around the country to labs with available capacity and we are making extensive use of pooling. 4000 samples were sent from Auckland to Christchurch this morning as part of load balancing.**

- At 0800 this morning there were 40,000 swabs awaiting processing in labs across the country. It is expected that most results will be reported within 48 hours of swabbing. We are working with Primary Care to implement triage of swabs so that high priority swabs are processed first. High priority swabs include people who are High Index of Suspicion. People presenting with symptoms are directed to self-isolate until they receive their test results.

Health system response

Overall approach

- Our investigation has two main focus areas that run in parallel:
 - **Source attribution** – a focus on investigating the case with the earliest symptom onset date to gather details actions of movements 14 days prior. This will help to understand the possible source of the new outbreak.
 - **Containment** – rigorous case investigation, identification of close contacts and isolation and testing to ensure that chain of transmission is broken.

Investigation: Auckland Community Cluster August 2020

Auckland case investigation updates

Americold (three sites)

- The planned site visit to the Mt Wellington site for swabbing of the workplace is underway and will be sent to Wellington laboratory overnight or at the latest, the first available flight tomorrow morning. The Wiri site will be swabbed tomorrow morning.
s 6(b)(i)
- Imported goods arrive via Maritime Port and are assessed by MPI. They are then taken to the Mt Wellington site and are unloaded and rechecked by MPI biosecurity staff. Goods arrive from Argentina, North America, and Australia. MPI staff will were tested at these sites on 14 August 2020.
- All 35 staff at the Mt Wellington site have been tested. Six are positive, 16 are negative, and 13 results are pending.
- All 41 staff at the Airport site have been tested. All 41 are negative.

Finance Now

- The floor in the building that Finance Now occupies has been closed.
- 158 of the 161 staff at Finance Now have been tested. Five are positive, 71 are negative, and 41 results are pending.

Other Locations

- A church is being scoped which is associated with a case at Mt Wellington workplace. One of the new cases this morning is a close contact from the church.
- Two additional churches are implicated and are being scoped.
- Testing was done at an implicated Aged Residential Care Facility. All results are negative.
- Two cases visited Manukau Super Clinic on Monday 10 August and were there for around 40 minutes. ARPHS is looking to close the clinic and will continue all appointments via video call.
- There are four education facilities associated with the Auckland Cluster that have been closed and letters have been sent to all contacts. Close contacts have been advised to self-isolate and be tested. Casual contacts have been advised to be tested if they become symptomatic. The education facilities that have been closed are Mt Albert Primary School, Glamorgan School in Torbay, Southern Cross Campus in Mangere East, and Taeaofou I Puaseisei Preschool in Mangere East.
- **A mobile testing site has completed swabbing at the Glen Morgan Primary School. More than 50 swabs were taken.**
- Other education facilities indirectly linked to the cluster remain open. The three facilities are Mt Albert Grammar School, Pakuranga College, and MIT.

Waikato case investigation updates

- The two cases in Waikato are in isolation and are being cared for by DHB staff with support from Māori wardens and community groups. s 9(2)(a) Māori wardens are in place to provide support and security. They will be transferred to Jet Park MIQ facility in Auckland.
- Close contacts and family members are in self-isolation. All 21 close contacts have been tested. 20 are negative, and 1 result is pending.

Updates from ESR and wider testing

- Genome sequencing results – the first four cases have been completed and are all consistent with each other. No identical match to any cases in the managed isolation and quarantine samples sequenced has been found. No identical match to any previous cases in New Zealand. Further investigation is ongoing.
- There is a one mutation difference between these samples and the closest genome identified globally to date (reported in May 2020). This very low mutation rate may indicate that the virus has not replicated many times. This may indicate that the virus has transmitted through a small number of people over this time, that this lineage mutates less, or that the virus has been transmitted through means other than person-to-person spread, acknowledging that this requires a degree of environmental persistence that has yet been unobserved.

Contact Tracing

- Six contact tracing teams have been stood up in Auckland with one additional team used for symptom triage.
- For cases reported during the period 6th August to 12th August, 593 close contacts had been identified. 86.8% (515) of these have been successfully contacted, against the target of 80% of close contacts reached in 48 hours of the case being notified.
- As at 1400, contact tracing for all community cases since 11 August 2020 is summarised as follows:

	12/08/2020	13/08/2020	14/08/2020	15/08/2020
Number of close contacts identified	193	690	1016	1245 (+155)
Number of close contacts successfully contacted	167	349	797	1029 (+95)
Number of close contacts referred to "finding services"***	0	11	14	23 (-5)
Number of close contacts awaiting contact	26	330	205	193 (+65)

*Contacts loaded into the National Contact Tracing Solution, and managed by either the National Investigation and Tracing Unit or the Public Health Units. **N.B "Finding services" refers to the mechanism the National Close Contact Service uses to find valid contact details for close contacts we do not have the correct contact details for. These services utilise internal Ministry of Health databases along with Police, Customs and Airlines where relevant.

Testing

Testing numbers

- As at 1400 6,305 swabs have been collected nationally.
- The table below is updated once per day to allow for data collection. On 14 August 2020 23,846 tests were completed nationally; bringing the total number of tests to 49,780 since (and including) 12 August 2020. This is summarised as follows:

Testing Stream	Number of tests (last 24 hrs as at 09:00 this morning)
Community	22,006
MIF Staff	583
MIF Guests	-
Airport Staff	976

Maritime Staff	281
Total	23,846

- Please see Appendix 3: for a breakdown of testing by DHB and Ethnicity for further information and breakdowns of testing.

Testing activity by region

Focus areas for today (14 August 2020)

- There are 17 testing sites in Auckland City.
- There are 39 designated community testing centres in the wider Auckland region. Locations have been identified in partnership with the DHB's Pacific Team. Mobile testing sites are being redeployed to test close contacts as required.
- Testing sites in Pukekohe and South Auckland are being explored. Mobile sites are available for coastal sites.
- Capital & Coast has set up CBAC/popup centres across Wellington and Lower Hutt. Five CBACs have opened in Wellington in total, with two established today.

Healthline updates

- On 14 August there were 4,827 contacts in total through Healthline.
- The demand on 1737 Need to talk? and other mental health services was 36% higher than forecast.
- The average wait time on the COVID-19 Information Line is 13:58 minutes. This is a decrease in average wait time from 22:02 minutes on 13 August 2020.

Health Workforce

- Health Workforce are working to identify those doctors and nurses in the Auckland and Lakes DHB regions who are willing to assist with increased community testing requirements. As of today, the names of 49 staff have been provided to Auckland DHB and 8 staff have been provided to Lakes DHB. All are vetted and available for an immediate start.
- Health Workforce are working with DHBs to investigate the feasibility of establishing a micro-credential for swabbing to expand capacity. It is envisaged the Kaiāwhina workforce will be used.
- Health Workforce is continuing to work with all 20 DHBs to understand their workforce needs, identify any gaps and provide support where possible.

Hospital Capacity

- This data stream is not currently reported on during weekends.
- As at 1000 14 August 2020, ICU and HUD bed, ventilators, and ward beds are summarised as follows:

Type	Number of Units	Number Occupied / in use
ICU and HDU Beds	350	237 (67.7%)
Ventilators	284	57 (20.1%)
Ward Beds	6859	(80.2%)

Appendix 1: Case summary

All cases reported in the community since 11 August 2020 (red cases reported since last SitRep)

[illegible]

IN CONFIDENCE – NOT FOR DISTRIBUTION

[illegible]

[illegible]

§ 9(2)(a) [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] [REDACTED]
[REDACTED] [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] [REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED]	[REDACTED] [REDACTED]	[REDACTED] [REDACTED]

Appendix 2: International case investigations

s 9(2)(a)

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Appendix 3: Testing by DHB and Ethnicity

Note: this is the number of people tested. The numbers in the Testing section above are the number of tests done.

Number of people tested for COVID-19 from 12 August to 14 August 2020						
	Prioritised Ethnicity MPAO					
DHB of Domicile	Māori	Pacific Peoples	Asian	Other	Unknown	Total
Auckland	395	563	892	2538	32	4420
Bay of Plenty	202	14	31	603	5	855
Canterbury	458	160	381	4018	30	5047
Capital and Coast	220	150	176	1498	21	2065
Counties Manukau	833	1555	955	1752	26	5121
Hawkes Bay	190	26	30	562	3	811
Hutt Valley	95	47	54	428	4	628
Lakes	379	40	59	552	9	1039
Mid Central	263	79	86	1167	11	1606
Nelson Marlborough	113	23	31	872	2	1041
Northland	197	12	15	320	0	544
South Canterbury	26	5	12	344	1	388
Southern	246	77	102	2142	11	2578
Tairāwhiti	167	12	12	151	0	342
Taranaki	82	5	10	301	3	401
Waikato	641	123	190	1614	21	2589
Wairarapa	32	3	1	148	0	184
Waitematā	574	419	823	3431	22	5269
West Coast	6	0	1	49	1	57
Whanganui	203	19	17	411	1	651

Unknown	169	73	79	704	167	1192
Total	5491	3405	3957	23606	370	36829
Rate per 1000 people tested for COVID-19 from 12 August to 14 August 2020						
	Prioritised Ethnicity MPAO					
DHB of Domicile	Māori	Pacific Peoples	Asian	Other	Total	
Auckland	9.1	10.0	4.8	9.7	8.1	
Bay of Plenty	3.4	3.1	1.6	3.8	3.5	
Canterbury	8.7	11.3	6.3	9.0	8.8	
Capital and Coast	6.0	6.8	3.5	7.0	6.4	
Counties Manukau	9.4	12.9	6.3	8.4	9.0	
Hawkes Bay	4.4	4.1	3.3	5.2	4.9	
Hutt Valley	3.6	4.0	2.9	4.5	4.2	
Lakes	9.9	15.7	6.1	9.2	9.4	
Mid Central	7.2	14.2	5.5	9.4	8.9	
Nelson Marlborough	7.0	9.3	4.2	6.9	6.9	
Northland	3.2	3.2	1.8	2.9	3.0	
South Canterbury	4.9	10.2	5.1	6.7	6.5	
Southern	7.3	11.2	4.0	8.0	7.7	
Tairāwhiti	6.7	10.7	10.3	6.8	7.0	
Taranaki	3.5	3.6	1.6	3.3	3.3	
Waikato	6.6	9.2	4.3	6.0	6.1	
Wairarapa	4.0	3.6	0.8	4.1	4.0	
Waitematā	9.2	9.4	5.7	9.0	8.3	

West Coast	1.5	0.0	1.1	1.8	1.8
Whanganui	11.7	12.5	5.8	9.6	10.0
Total	7.1	10.6	5.2	7.6	7.4

SITREP 015

Coronavirus disease 2019 (COVID-19)

Issued: **1800 hours 15 August 2020**

Information current at: **1800**

This report provides three-times daily updates on the COVID-19 health system response. New information is denoted by red text.

Please use the single point of contact email covid-19response@health.govt.nz for help / support. Your email will be logged and promptly passed to the appropriate team.

This document is classified IN CONFIDENCE and not for further distribution.

Need to know

- As at **1800** there are **6** new cases in the community from the last SitRep. **All 6 have connections to sites with known cases and none of those that have been scoped so far have travelled out of Auckland.** **44** community cases in total as set out in the table below. This total comprises **44** cases linked to the cluster *Auckland Community Cluster August 2020*, with two further case under investigation.

Case Status	Counties Manukau	Waitematā	Auckland	Waikato	Total
Confirmed	24 (+3)	6	11 (+3)	2	43 (+6)
Probable	1	0	0	0	1
Total	25 (+3)	6	11 (+3)	2	44 (+6)

- 68% of the 44 cases are Pacific Peoples.**
- There is a high representation of Pacific Peoples (68%) and Māori (18%) in the community cases. Despite concerns, Pacific peoples are being tested in proportion to the overall population and make up most of the close contact testing requested. A tailored approach to testing and testing centre accessibility has been implemented to increase testing rates in these communities.**
- As at **1800** there is **one** new case at the border, taking the total to **99**.
- There is one case requiring hospital-level care (no change from the last sitrep) as follows:
 - s 9(2)(a)** Auckland (Auckland City Hospital) – **s 9(2)(a)**
- 27 of the 38 cases have been transferred to the Jet Park MIQ facility in Auckland as per the Director-General's direction issued 13 August 2020. All 27 went voluntarily. This

includes the two cases from Waikato. The remaining 11 cases are in self-isolation and are being managed by ARPHS.

- 1.6 million masks were distributed to vulnerable communities in the Auckland region.
- Due to unprecedented testing across the country we are observing time delays in processing swabs. To balance load, samples are being distributed around the country to labs with available capacity and we are making extensive use of pooling. 4,000 samples were sent from Auckland to Christchurch this morning as part of load balancing.
- At 0800 this morning there were 40,000 swabs awaiting processing in labs across the country. **As at 2pm 10,000 of the 40,000 swabs in back log had been cleared.** It is expected that most results will be reported within 48 hours of swabbing.
- We are working with Primary Care to implement triage of swabs so that high priority swabs are processed first. High priority swabs include people who are High Index of Suspicion. People presenting with symptoms are directed to self-isolate until they receive their test results.

Health system response

Overall approach

- Our investigation has two main focus areas that run in parallel:
 - **Source attribution** – a focus on investigating the case with the earliest symptom onset date to gather details actions of movements 14 days prior. This will help to understand the possible source of the new outbreak.
 - **Containment** – rigorous case investigation, identification of close contacts and isolation and testing to ensure that chain of transmission is broken.

Investigation: Auckland Community Cluster August 2020

Auckland case investigation updates

Americold (three sites)

- The planned site visit to the Mt Wellington site for swabbing of the workplace is underway and will be sent to Wellington laboratory overnight or at the latest, the first available flight tomorrow morning. The Wiri site will be swabbed tomorrow morning.
§ 6(b)(i)
[REDACTED]
[REDACTED]
- Imported goods arrive via Maritime Port and are assessed by MPI. They are then taken to the Mt Wellington site and are unloaded and rechecked by MPI biosecurity staff. Goods arrive from Argentina, North America, and Australia. MPI staff will were tested at these sites on 14 August 2020.
- All 35 staff at the Mt Wellington site have been tested. **10** are positive, 16 are negative, and **9** results are pending.

- All 41 staff at the Airport site have been tested. All 41 are negative.

- s 9(2)(a)

Finance Now

- The floor in the building that Finance Now occupies has been closed.
- 158 of the 161 staff at Finance Now have been tested. Five are positive, 71 are negative, and 41 results are pending.

Other Locations

- A church is being scoped which is associated with a case at Mt Wellington workplace. One of the new cases this morning is a close contact from the church.
- Two additional churches are implicated and are being scoped.
- Testing was done at an implicated Aged Residential Care Facility. All results are negative.
- Two cases visited Manukau Super Clinic on Monday 10 August and were there for around 40 minutes. ARPHS is looking to close the clinic and will continue all appointments via video call.
- There are four education facilities associated with the Auckland Cluster that have been closed and letters have been sent to all contacts. Close contacts have been advised to self-isolate and be tested. Casual contacts have been advised to be tested if they become symptomatic. The education facilities that have been closed are Mt Albert Primary School, Glamorgan School in Torbay, Southern Cross Campus in Mangere East, and Taeaofou I Puaseisei Preschool in Mangere East.
- Four additional schools are implicated and are being scoped. The total number of schools implicated with confirmed cases and/or close contacts to eight.
- A mobile testing site has completed swabbing at the Glamorgan Primary School. More than 50 swabs were taken.
- Other education facilities indirectly linked to the cluster remain open. The three facilities are Mt Albert Grammar School, Pakuranga College, and MIT.

Waikato case investigation updates

- The two cases in Waikato are in isolation and are being cared for by DHB staff with support from Māori wardens and community groups. s 9(2)(a). Māori wardens are in place to provide support and security. They will be transferred to Jet Park MIQ facility in Auckland.
- Close contacts and family members are in self-isolation. All 21 close contacts have been tested. 20 are negative, and one result is pending.
- One of the cases in Waikato attends a local polytechnic. There are two exposure events being scoped. s 9(2)(a)

Updates from ESR and wider testing

- Genome sequencing results – the first four cases have been completed and are all consistent with each other. No identical match to any cases in the managed isolation and quarantine samples sequenced has been found. No identical match to any previous cases in New Zealand. Further investigation is ongoing.
- There is a one mutation difference between these samples and the closest genome identified globally to date (reported in May 2020). This very low mutation rate may indicate that the virus has not replicated many times. This may indicate that the virus has transmitted through a small number of people over this time, that this lineage mutates less, or that the virus has been transmitted through means other than person-to-person spread, acknowledging that this requires a degree of environmental persistence that has yet been unobserved.

Contact Tracing

- Six contact tracing teams have been stood up in Auckland with one additional team used for symptom triage.
- For cases reported during the period 6th August to 12th August, 593 close contacts had been identified. 86.8% (515) of these have been successfully contacted, against the target of 80% of close contacts reached in 48 hours of the case being notified.
- As at 1800, contact tracing for all community cases since 11 August 2020 is summarised as follows:

	12/08/2020	13/08/2020	14/08/2020	15/08/2020
Number of close contacts identified	193	690	1016	1504 (+259)
Number of close contacts successfully contacted	167	349	797	1198 (+169)
Number of close contacts referred to "finding services"***	0	11	14	68 (+45)
Number of close contacts awaiting contact	26	330	205	238 (+45)

*Contacts loaded into the National Contact Tracing Solution, and managed by either the National Investigation and Tracing Unit or the Public Health Units. **N.B "Finding services" refers to the mechanism the National Close Contact Service uses to find valid contact details for close contacts we do not have the correct contact details for. These services utilise internal Ministry of Health databases along with Police, Customs and Airlines where relevant.

Testing

Swab numbers

- As at 1800 10,259 swabs have been collected nationally. 55,550 swabs have been collected since and including 12 August 2020.
- As at 4pm Waikato report 834 swabs have been processed and all negative. 1821 swabs have been registered and pending results. Up to 700 swabs to be processed overnight and an additional 500 to be registered.

Lab Testing numbers

- The table below is updated once per day to allow for data collection. On 14 August 2020 23,846 tests were completed nationally; bringing the total number of tests to 49,780 since (and including) 12 August 2020. This is summarised as follows:

Testing Stream	Number of tests (last 24 hrs as at 09:00 this morning)
Community	22,006
MIF Staff	583
MIF Guests	-
Airport Staff	976
Maritime Staff	281
Total	23,846

- Please see Appendix 3: for a breakdown of testing by DHB and Ethnicity for further information and breakdowns of testing.

Testing activity by region

Focus areas for today (14 August 2020)

- There are 17 testing sites in Auckland City.
- There are 39 designated community testing centres in the wider Auckland region. Locations have been identified in partnership with the DHB's Pacific Team. Mobile testing sites are being redeployed to test close contacts as required.
- Testing sites in Pukekohe and South Auckland are being explored. Mobile sites are available for coastal sites.
- Capital & Coast has set up CBAC/popup centres across Wellington and Lower Hutt. Five CBACs have opened in Wellington in total, with two established today.

- There is a non-public invitation only site at Waipuna to test close contacts. This location is an advantage to the close contacts of the GP close contacts. There will be a new testing site at Scout Campsite to pop up on Monday.
- There are CBAC testing centres in Auckland that are set up specifically available to swab priority such as border workers to elevate pressure on other testing sites.

Healthline updates

- On 14 August there were 4,827 contacts in total through Healthline.
- The demand on 1737 Need to talk? and other mental health services was 36% higher than forecast.
- The average wait time on the COVID-19 Information Line is 13:58 minutes. This is a decrease in average wait time from 22:02 minutes on 13 August 2020.

Health Workforce

- Health Workforce are working to identify those doctors and nurses in the Auckland and Lakes DHB regions who are willing to assist with increased community testing requirements. As of today, the names of 49 staff have been provided to Auckland DHB and 8 staff have been provided to Lakes DHB. All are vetted and available for an immediate start.
- Health Workforce are working with DHBs to investigate the feasibility of establishing a micro-credential for swabbing to expand capacity. It is envisaged the Kaiāwhina workforce will be used.
- Health Workforce is continuing to work with all 20 DHBs to understand their workforce needs, identify any gaps and provide support where possible.

Hospital Capacity

- This data stream is not currently reported on during weekends.
- As at 1000 14 August 2020, ICU and HUD bed, ventilators, and ward beds are summarised as follows:

Type	Number of Units	Number Occupied / in use
ICU and HDU Beds	350	237 (67.7%)
Ventilators	284	57 (20.1%)
Ward Beds	6859	(80.2%)

Appendix 1: Case summary

All cases reported in the community since 11 August 2020 (red cases reported since last SitRep)

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IN CONFIDENCE – NOT FOR DISTRIBUTION

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Appendix 2: International case investigations

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Appendix 3: Testing by DHB and Ethnicity

Note: this is the number of people tested. The numbers in the Testing section above are the number of tests done.

Number of people tested for COVID-19 from 12 August to 14 August 2020						
	Prioritised Ethnicity MPAO					
DHB of Domicile	Māori	Pacific Peoples	Asian	Other	Unknown	Total
Auckland	395	563	892	2538	32	4420
Bay of Plenty	202	14	31	603	5	855
Canterbury	458	160	381	4018	30	5047
Capital and Coast	220	150	176	1498	21	2065
Counties Manukau	833	1555	955	1752	26	5121
Hawkes Bay	190	26	30	562	3	811
Hutt Valley	95	47	54	428	4	628
Lakes	379	40	59	552	9	1039
Mid Central	263	79	86	1167	11	1606
Nelson Marlborough	113	23	31	872	2	1041
Northland	197	12	15	320	0	544
South Canterbury	26	5	12	344	1	388
Southern	246	77	102	2142	11	2578
Tairāwhiti	167	12	12	151	0	342
Taranaki	82	5	10	301	3	401
Waikato	641	123	190	1614	21	2589
Wairarapa	32	3	1	148	0	184
Waitematā	574	419	823	3431	22	5269
West Coast	6	0	1	49	1	57
Whanganui	203	19	17	411	1	651
Unknown	169	73	79	704	167	1192
Total	5491	3405	3957	23606	370	36829

Rate per 1000 people tested for COVID-19 from 12 August to 14 August 2020					
	Prioritised Ethnicity MPAO				
DHB of Domicile	Māori	Pacific Peoples	Asian	Other	Total
Auckland	9.1	10.0	4.8	9.7	8.1
Bay of Plenty	3.4	3.1	1.6	3.8	3.5
Canterbury	8.7	11.3	6.3	9.0	8.8
Capital and Coast	6.0	6.8	3.5	7.0	6.4
Counties Manukau	9.4	12.9	6.3	8.4	9.0
Hawkes Bay	4.4	4.1	3.3	5.2	4.9
Hutt Valley	3.6	4.0	2.9	4.5	4.2
Lakes	9.9	15.7	6.1	9.2	9.4
Mid Central	7.2	14.2	5.5	9.4	8.9
Nelson Marlborough	7.0	9.3	4.2	6.9	6.9
Northland	3.2	3.2	1.8	2.9	3.0
South Canterbury	4.9	10.2	5.1	6.7	6.5
Southern	7.3	11.2	4.0	8.0	7.7
Tairāwhiti	6.7	10.7	10.3	6.8	7.0
Taranaki	3.5	3.6	1.6	3.3	3.3
Waikato	6.6	9.2	4.3	6.0	6.1
Wairarapa	4.0	3.6	0.8	4.1	4.0
Waitematā	9.2	9.4	5.7	9.0	8.3
West Coast	1.5	0.0	1.1	1.8	1.8
Whanganui	11.7	12.5	5.8	9.6	10.0
Total	7.1	10.6	5.2	7.6	7.4

SITREP 016

Coronavirus disease 2019 (COVID-19)

Issued: **1000 hours 16 August 2020**

Information current at: **0900**

This report provides three-times daily updates on the COVID-19 health system response. New information is denoted by red text.

Please use the single point of contact email covid-19response@health.govt.nz for help / support. Your email will be logged and promptly passed to the appropriate team.

This document is classified IN CONFIDENCE and not for further distribution.

Need to know

- As at **0900** there are **5** new cases in the community from the last SitRep at 1800. **All 5 have connections to sites with known cases and none of those that have been scoped so far have travelled out of Auckland.** **49** community cases in total as set out in the table below. This total comprises **49** cases linked to the cluster *Auckland Community Cluster August 2020*, with two further case under investigation.

Case Status	Counties Manukau	Waitematā	Auckland	Waikato	Total
Confirmed	26 (+2)	8 (+2)	12 (+1)	2	48 (+5)
Probable	1	0	0	0	1
Total	27 (+2)	8 (+2)	12 (+1)	2	49 (+5)

- There is a high representation of Pacific Peoples (71%) and Māori (16%) in the community cases. Despite concerns, Pacific peoples are being tested in proportion to the overall population and make up most of the close contact testing requested. A tailored approach to testing and testing centre accessibility has been implemented to increase testing rates in these communities.
- As at **0900** there are **no** new cases at the border. In total there are **99 cases that have been detected at the border in total since 09 June 2020.** Of these 20 are active.
- As at **0900** there are 3 cases requiring hospital-level care as follows:
 - s 9(2)(a)** Auckland (Auckland City Hospital) **s 9(2)(a)**
 - Two other cases were admitted overnight. **s 9(2)(a)**

s 9(2)(a)

- 27 of the 38 cases have been transferred to the Jet Park MIQ facility in Auckland as per the Director-General's direction issued 13 August 2020. This includes the two cases from Waikato. The remaining 11 cases are in self-isolation and are being managed by ARPHS. **The new cases identified overnight have been offered to be transferred to Jet Park Auckland for isolation and have been given overnight to consider.**
- Due to unprecedented testing across the country we are observing time delays in processing swabs. **The Ministry are providing comms to help manage expectations to the public of result notification wait times to help with the pressure.**
- We are working with Primary Care to implement triage of swabs so that high priority swabs are processed first. High priority swabs include people who are High Index of Suspicion. People presenting with symptoms are directed to self-isolate until they receive their test results.

Health system response

Overall approach

- Our investigation has two main focus areas that run in parallel:
 - **Source attribution** – a focus on investigating the case with the earliest symptom onset date to gather details actions of movements 14 days prior. This will help to understand the possible source of the new outbreak.
 - **Containment** – rigorous case investigation, identification of close contacts and isolation and testing to ensure that chain of transmission is broken.

Investigation: Auckland Community Cluster August 2020

Auckland case investigation updates

Americold (three sites)

- **The environmental swabbing at the Mt Wellington Americold site has been done. The swabs were couriered overnight to the ESR lab in Wellington and will be tested today. The Wiri site will be swabbed today and the samples couriered to ESR in Wellington on Monday to be tested.** s 6(b)(i)
- Imported goods arrive via Maritime Port and are assessed by MPI. They are then taken to the Mt Wellington site and are unloaded and rechecked by MPI biosecurity staff. Goods arrive from Argentina, North America, and Australia. MPI staff will were tested at these sites on 14 August 2020.
- All 35 staff at the Mt Wellington site **27** have been tested. 7 are positive, **19** are negative, and **1** result is pending.

- All 41 staff at the Airport site have been tested. All 41 are negative.
- It has been reported that there may have been a shared lunch at Americold and a family gathering at one of the workers homes. These events are being scoped.

Finance Now

- The floor in the building that Finance Now occupies has been closed.
- 158 of the 153 staff at Finance Now have been tested. Five are positive, 143 are negative, and 5 results are pending.
- Of the 31 Finance Now family close contacts 28 have been tested. All are negative.

Other Locations

- A church is being scoped which is associated with a case at Mt Wellington workplace.
s 9(2)(a)
- Two additional churches are implicated and are being scoped.
- Testing was done at an implicated Aged Residential Care Facility. All results are negative.
- Two cases visited Manukau Super Clinic on Monday 10 August and were there for around 40 minutes. ARPHS is looking to close the clinic and will continue all appointments via video call.
- As at 0800 there are eight schools in total that are implicated and are being scoped. Other education facilities indirectly linked to the cluster remain open. The three facilities are Mt Albert Grammar School, Pakuranga College, and MIT.
- A mobile testing site has completed swabbing at the Glamorgan Primary School. More than 50 swabs were taken.

Waikato case investigation updates

- The two cases in Waikato are in isolation and are being cared for by DHB staff with support from Māori wardens and community groups. s 9(2)(a)
- Māori wardens are in place to provide support and security. They will be transferred to Jet Park MIQ facility in Auckland.
- Close contacts and family members are in self-isolation. All 21 close contacts have been tested. 20 are negative, and one result is pending.
- One of the cases in Waikato attends a local polytechnic. There are two exposure events being scoped. s 9(2)(a)

Updates from ESR and wider testing

- Genome sequencing results – the first four cases have been completed and are all consistent with each other. No identical match to any cases in the managed isolation and quarantine samples sequenced has been found. No identical match to any previous cases in New Zealand. Further investigation is ongoing.
- There is a one mutation difference between these samples and the closest genome identified globally to date (reported in May 2020). This very low mutation rate may indicate that the virus has not replicated many times. This may indicate that the virus has transmitted through a small number of people over this time, that this lineage mutates less, or that the virus has been transmitted through means other than person-to-person spread, acknowledging that this requires a degree of environmental persistence that has yet been unobserved.

Contact Tracing

- Six contact tracing teams have been stood up in Auckland with one additional team used for symptom triage.
- For cases reported during the period 6th August to 12th August, 593 close contacts had been identified. 86.8% (515) of these have been successfully contacted, against the target of 80% of close contacts reached in 48 hours of the case being notified.
- As at 0900, contact tracing for all community cases since 11 August 2020 is summarised as follows:
 - As at 0900 there is only 1 case that is not linked to the cluster. s 9(2)(a) All others are linked to the cluster excluding new ones since 1800 that will be scoped this morning. s 9(2)(a)
- All cases up to 1900 have been scoped as fully as possible. There are no new sites of concern and no further evidence of travel outside of Auckland. All cases confirmed as positive overnight will be contacted this morning with a focus on scoping any new sites and travel outside of Auckland.

	12/08/2020	13/08/2020	14/08/2020	15/08/2020
Number of close contacts identified	193	690	1016	1504 (+259)
Number of close contacts successfully contacted	167	349	797	1198 (+169)
Number of close contacts referred to "finding services"***	0	11	14	68 (+45)
Number of close contacts awaiting contact	26	330	205	238 (+45)

*Contacts loaded into the National Contact Tracing Solution, and managed by either the National Investigation and Tracing Unit or the Public Health Units. **N.B "Finding services" refers to the mechanism the National Close Contact Service uses to find valid contact details for close contacts we do not have the correct contact details for. These services utilise internal Ministry of Health databases along with Police, Customs and Airlines where relevant.

Testing

Swab numbers

- As at 1800 10,259 swabs have been collected nationally. 55,550 swabs have been collected since and including 12 August 2020.
- Over 11,000 tests have arrived at the labs in the Northland region for three days in a row. The labs are working through the backlog of tests in the system.
- As at 1600 15 August 2020 Waikato report 834 swabs have been processed and all negative. 1821 swabs have been registered and pending results. Up to 700 swabs to be processed overnight and an additional 500 to be registered.

Swab Stream	Number of swabs taken on 15 August 2020
Community	8,386
MIF Staff	722
MIF Guests	1
Airport Staff	380
Maritime Staff	780
Total	10,259

Lab Testing numbers

- The table below is updated once per day to allow for data collection. On 15 August 2020 23,682 tests were completed nationally; bringing the total number of tests to 73,462 since (and including) 12 August 2020. This is summarised as follows:
- Please see Appendix 3: for a breakdown of testing by DHB and Ethnicity for further information and breakdowns of testing.

Testing activity by region

Focus areas:

- There are 39 designated community testing centres in the wider Auckland region. Locations have been identified in partnership with the DHB's Pacific Team. Mobile

testing sites are being redeployed to test close contacts as required. A few additional sites are also being scoped for community testing to open early next week.

- As of 0900 there are 18 testing sites in Auckland City. This includes a new site in Glenn Innes. Additional sites are being scoped in North Shore and Pukekohe.
- There is a non-public invitation only site at Waipuna to test close contacts. This location is an advantage to the close contacts of the GP close contacts. There will be a new testing site at Scout Campsite to pop up on Monday. A new fixed site for close contacts is being scoped in West Auckland will go live on Monday 17 August 2020.
- There are CBAC testing centres in Auckland that are set up specifically available to swab priority such as border workers to elevate pressure on other testing sites. Port and airport workers are continuing to be tested today. Auckland are putting in place overnight testing to catch the night workers at the airport, plus there are extended hours for testing available at the airport and port. The port and operators have been very cooperative, and more than 1000 tests have been done at the Auckland port to date.

Healthline updates

- On 14 August there were 4,827 contacts in total through Healthline.
- The demand on 1737 Need to talk? and other mental health services was 36% higher than forecast.
- The average wait time on the COVID-19 Information Line is 13:58 minutes. This is a decrease in average wait time from 22:02 minutes on 13 August 2020.

Health Workforce

- Health Workforce are working to identify those doctors and nurses in the Auckland and Lakes DHB regions who are willing to assist with increased community testing requirements. As of today, the names of 49 staff have been provided to Auckland DHB and 8 staff have been provided to Lakes DHB. All are vetted and available for an immediate start.
- Health Workforce are working with DHBs to investigate the feasibility of establishing a micro-credential for swabbing to expand capacity. It is envisaged the Kaiāwhina workforce will be used.
- Health Workforce is continuing to work with all 20 DHBs to understand their workforce needs, identify any gaps and provide support where possible.

Hospital Capacity

- This data stream is not currently reported on during weekends.

- As at 1000 14 August 2020, ICU and HUD bed, ventilators, and ward beds are summarised as follows:

Type	Number of Units	Number Occupied / in use
ICU and HDU Beds	350	237 (67.7%)
Ventilators	284	57 (20.1%)
Ward Beds	6859	(80.2%)

Appendix 1: Case summary

All cases reported in the community since 11 August 2020 (red cases reported since last SitRep)

EpiSurv Number	Date Tested Positive	Onset Date	Case Status	DHB	Sex	Age	Ethnicity	Symptoms [Yes/No]	Hosp	Occupation	Source of Transmission
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Appendix 2: International case investigations

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Appendix 3: Testing by DHB and Ethnicity

Note: this is the number of people tested. The numbers in the Testing section above are the number of tests done.

Number of people tested for COVID-19 from 12 August to 14 August 2020						
	Prioritised Ethnicity MPAO					
DHB of Domicile	Māori	Pacific Peoples	Asian	Other	Unknown	Total
Auckland	395	563	892	2538	32	4420
Bay of Plenty	202	14	31	603	5	855
Canterbury	458	160	381	4018	30	5047
Capital and Coast	220	150	176	1498	21	2065
Counties Manukau	833	1555	955	1752	26	5121
Hawkes Bay	190	26	30	562	3	811
Hutt Valley	95	47	54	428	4	628
Lakes	379	40	59	552	9	1039
Mid Central	263	79	86	1167	11	1606
Nelson Marlborough	113	23	31	872	2	1041
Northland	197	12	15	320	0	544
South Canterbury	26	5	12	344	1	388
Southern	246	77	102	2142	11	2578
Tairāwhiti	167	12	12	151	0	342
Taranaki	82	5	10	301	3	401
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Wairarapa	32	3	1	148	0	184
Waitematā	574	419	823	3431	22	5269
West Coast	6	0	1	49	1	57
Whanganui	203	19	17	411	1	651
Unknown	169	73	79	704	167	1192
Total	5491	3405	3957	23606	370	36829

Rate per 1000 people tested for COVID-19 from 12 August to 14 August 2020					
	Prioritised Ethnicity MPAO				
DHB of Domicile	Māori	Pacific Peoples	Asian	Other	Total
Auckland	9.1	10.0	4.8	9.7	8.1
Bay of Plenty	3.4	3.1	1.6	3.8	3.5
Canterbury	8.7	11.3	6.3	9.0	8.8
Capital and Coast	6.0	6.8	3.5	7.0	6.4
Counties Manukau	9.4	12.9	6.3	8.4	9.0
Hawkes Bay	4.4	4.1	3.3	5.2	4.9
Hutt Valley	3.6	4.0	2.9	4.5	4.2
Lakes	9.9	15.7	6.1	9.2	9.4
Mid Central	7.2	14.2	5.5	9.4	8.9
Nelson Marlborough	7.0	9.3	4.2	6.9	6.9
Northland	3.2	3.2	1.8	2.9	3.0
South Canterbury	4.9	10.2	5.1	6.7	6.5
Southern	7.3	11.2	4.0	8.0	7.7
Tairāwhiti	6.7	10.7	10.3	6.8	7.0
Taranaki	3.5	3.6	1.6	3.3	3.3
Waikato	6.6	9.2	4.3	6.0	6.1
Wairarapa	4.0	3.6	0.8	4.1	4.0
Waitematā	9.2	9.4	5.7	9.0	8.3
West Coast	1.5	0.0	1.1	1.8	1.8
Whanganui	11.7	12.5	5.8	9.6	10.0
Total	7.1	10.6	5.2	7.6	7.4



SITREP 017

Coronavirus disease 2019 (COVID-19)

Issued: **1400 hours 16 August 2020**

Information current at: **1400**

Next SitRep to be sent at: **1800**

This report provides three-times daily updates on the COVID-19 health system response. New information is denoted by red text.

Please use the single point of contact email covid-19response@health.govt.nz for help / support. Your email will be logged and promptly passed to the appropriate team.

This document is classified IN CONFIDENCE and not for further distribution.

Need to know

- As at **1400** there are **2** additional cases since 0900 16 August 2020 and **51** community cases in total as set out in the table below. This total comprises **48** cases linked to the cluster *Auckland Community Cluster August 2020*, with two cases linked to a third case which is still under investigation.

Case Status	Counties Manukau	Waitematā	Auckland	Waikato	Total
Confirmed	26	8	14 (+2)	2	50 (+2)
Probable	1	0	0	0	1
Total	27	8	14 (+2)	2	51 (+2)

- One of the new cases since 0900 this morning is a worker in an Auckland managed isolation facility. This case is linked to the cluster through an Auckland church.
- There are no new cases at the border since 0900 today. In total there are 99 cases that have been detected at the border in total since 09 June 2020, of these 20 are active.
- As at 0900 there are 3 cases requiring hospital-level care as follows, s 9(2)(a) [REDACTED]:
 - s 9(2)(a) [REDACTED] Auckland (Auckland City Hospital) s 9(2)(a) [REDACTED]
 - s 9(2)(a) [REDACTED] Auckland (Auckland City Hospital) – condition unknown
 - s 9(2)(a) [REDACTED] Counties Manukau (Middlemore) – condition unknown
- 29 cases and 37 close contacts (66 people total) have been transferred to the Jet Park MIQ facility in Auckland.

Health system response

Overall approach

- Our investigation has two main focus areas that run in parallel:
 - **Source attribution** – a focus on investigating the case with the earliest symptom onset date to gather details actions of movements 14 days prior. This will help to understand the possible source of the new outbreak.
 - **Containment** – rigorous case investigation, identification of close contacts and isolation and testing to ensure that chain of transmission is broken.

Investigation: Auckland Community Cluster August 2020

Auckland case investigation updates

*Americold (two sites **with confirmed cases**)*

- The environmental swabbing at the Mt Wellington Americold site has been done. **The swabs are being processed by ESR and we expect to have results in the next 24 hours.** The Wiri site will be swabbed today and the samples couriered to ESR in Wellington to be tested on Monday. **s 6(b)(i)**
[REDACTED]
[REDACTED]
- Imported goods arrive via Maritime Port and are assessed by MPI. They are then taken to the Mt Wellington site and are unloaded and rechecked by MPI biosecurity staff. Goods arrive from Argentina, North America, and Australia. MPI staff will were tested at these sites on 14 August 2020.
- **33** of 35 staff at the Mt Wellington Americold site. **9** are positive, **23** are negative, and **1** result is pending. **One staff member is a probable case which brings the number of cases linked to Mt Wellington site to 10.**
- **s 9(2)(a)**
[REDACTED]

Finance Now

- 153 of 158 staff at Finance Now have been tested. Five are positive, 143 are negative, and five results are pending.
- 28 of 31 Finance Now family close contacts have been tested. All 28 are negative.

Other Locations

- A church in Auckland associated with a case at Mt Wellington workplace is being scoped. **s 9(2)(a)** [REDACTED] Several hundred possible contacts have been identified through visitor logs. This is being followed up.

- Two additional churches in Auckland associated with cases are being scoped.
- There are six educational institutions with associated with confirmed cases and six educational institutions associated with contacts of confirmed or probable cases.

Waikato case investigation updates

- The two cases from Waikato have been transferred to Jet Park MIQ facility in Auckland.
- One of the cases attends a local polytechnic which has been closed. There are two exposure events being scoped.
 - s 9(2)(a) [REDACTED]
[REDACTED]
[REDACTED]
 - s 9(2)(a) [REDACTED]
[REDACTED]
[REDACTED]

Updates from ESR and wider testing

- Genome sequencing results – the first four cases have been completed and are all consistent with each other. No identical match to any cases in the managed isolation and quarantine samples sequenced has been found. No identical match to any previous cases in New Zealand. Further investigation is ongoing.
- There is a one mutation difference between these samples and the closest genome identified globally to date (reported in May 2020). This very low mutation rate may indicate that the virus has not replicated many times. This may indicate that the virus has transmitted through a small number of people over this time, that this lineage mutates less, or that the virus has been transmitted through means other than person-to-person spread, acknowledging that this requires a degree of environmental persistence that has yet been unobserved.

Contact Tracing

- 784 (80.8%) close contacts of confirmed cases reported from 7 August to 13 August, have been successfully contacted within 48 hours. 1,536 close contacts have been identified since 11 August 2020. 1,322 of these have been contacted and are self-isolating. The remaining are in the process of being contacted.
- All patients who visited s 9(2)(a) [REDACTED] during the potential infectious period are being followed up and tested. Several s 9(2)(a) [REDACTED] are Americold workers and this is the most likely link to the cluster. Investigation is ongoing to validate this.
- All cases up to 1900 15 August 2020 have been fully scoped. There are no new sites of concern and no further evidence of travel outside of Auckland. All cases confirmed as positive overnight will be contacted this morning with a focus on scoping any new sites and travel outside of Auckland.

- As at 1400, contact tracing for all community cases since 11 August 2020 is summarised as follows:

	13/08/2020	14/08/2020	15/08/2020	16/08/2020
Number of close contacts identified	690	1016	1504	1585 (+49)
Number of close contacts successfully contacted	349	797	1198	1350 (+28)
Number of close contacts referred to "finding services"***	11	14	68	125 (+18)
Number of close contacts awaiting contact	330	205	238	110 (+3)

*Contacts loaded into the National Contact Tracing Solution, and managed by either the National Investigation and Tracing Unit or the Public Health Units. **N.B "Finding services" refers to the mechanism the National Close Contact Service uses to find valid contact details for close contacts we do not have the correct contact details for. These services utilise internal Ministry of Health databases along with Police, Customs and Airlines where relevant.

Testing

Swab numbers

- As at 1400 16 August 4,648 swabs have been collected nationally today. 60,198 swabs have been collected since and including 12 August 2020.
- The table below is updated once per day to allow for data collection. Please note the DHBs report swab numbers that are counted at different stages in the testing process, as such this data is likely to change over time. As at 0900 today, the number of swabs collected nationally on 15 August 2020 is summarised as follows:

Swab Stream	Number of swabs taken
Community	8,386
MIF Staff	722
MIF Guests	628
Airport Staff	380
Maritime Staff	780
Total	11,896

Lab Testing numbers

- On 15 August 2020 23,682 tests were completed nationally; bringing the total number of tests to 69,237 since (and including) 12 August 2020.
- Please see Appendix 3: for a breakdown of testing by DHB and Ethnicity for further information and breakdowns of testing.

Testing activity by region

Focus areas:

- There are 39 designated community testing centres in the wider Auckland region. Locations have been identified in partnership with the DHB's Pacific Team. Mobile testing sites are being redeployed to test close contacts as required. A few additional sites are also being scoped for community testing to open early next week.
- As of 0900 there are 18 testing sites in Auckland City. This includes a new site in Glenn Innes. Additional sites are being scoped in North Shore and Pukekohe.
- There is a testing site at Waipuna stood up to test close contacts exclusively. An advantage of this site is its proximity to the close contacts of the GP case.
- A fixed site for close contacts is being scoped in West Auckland and will also be available on Monday 17 August 2020.
- CTCs in Auckland have been set up specifically for high priority testing to elevate pressure on other testing sites.
- Port and airport workers are continuing to be tested today. Overnight testing will be done at the Auckland airport to catch the night workers and testing hours have been extended at the airport and port. The port and operators have been very cooperative, and more than 1000 tests have been done at the Auckland port to date.
- Over 11,000 tests have arrived at the labs in the Northland region for three days in a row. The labs are working through the backlog of tests in the system.

Healthline updates

- On 15 August there were 4,764 contacts in total through Healthline.
- The demand on 1737 Need to talk? and other mental health services was 8% higher than forecast.
- The average wait time on the COVID-19 Information Line is 11:43 minutes. This is a decrease in average wait time from 13:58 minutes on 14 August 2020.
- The main themes yesterday / today:
 - People complaining that they have not had test results back yet.

- People wanting information on exemptions to get out of Auckland for compassionate reasons.
- Close contacts thinking that level 3 over Auckland means that they don't need to self-isolate.
- There appears to be large amounts of mischievous information circulating by members of the public on social media and in communities. This is causing alarm around possible venues that positive cases may have attended. Many of these locations are not on our systems. Proactive authoritative sources on places of interest / possible exposure events is critical and will reduce Heathline and PHU workload.
- Service Users are concerned because they've developed symptoms while travelling through Auckland on their way home.
- Increase in Mental health service lines – anxiety relating to going back into lockdown.

Health Workforce

- Health Workforce are working with DHBs to investigate the feasibility of establishing a micro-credential for swabbing to expand capacity. It is envisaged the Kaiāwhina workforce will be used.
- Health Workforce is continuing to work with all 20 DHBs to understand their workforce needs, identify any gaps and provide support where possible.
- Health Workforce provided advice to NRHCC on workforce implications for the airside testing order at Auckland Airport.

Hospital Capacity

- This data stream is not currently reported on during weekends.
- As at 1000 14 August 2020, ICU and HDU bed, ventilators, and ward beds are summarised as follows:

Type	Number of Units	Number Occupied / in use
ICU and HDU Beds	350	237 (67.7%)
Ventilators	284	57 (20.1%)
Ward Beds	6859	(80.2%)

Appendix 1: Case summary

All cases reported in the community since 11 August 2020 (red cases reported today)

Case Number	Date Tested Positive	Onset Date	Case Status	DHB	Sex	Age	Ethnicity	Symptoms [Yes/No]	Hosp	Occupation	Source of Transmission
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Appendix 3: Testing by DHB and Ethnicity

Note: this is the number of people tested. The numbers in the testing section above are the number of tests done.

Number of people tested for COVID-19 from 12 August to 15 August 2020						
	Prioritised Ethnicity MPAO					
DHB of Domicile	Māori	Pacific Peoples	Asian	Other	Unknown	Total
Auckland	646	1003	1461	3997	43	7150
Bay of Plenty	347	31	58	1023	8	1467
Canterbury	551	204	488	4849	43	6135
Capital and Coast	352	259	283	2383	28	3305
Counties Manukau	1323	2922	1510	2592	39	8386
Hawkes Bay	225	30	37	689	3	984
Hutt Valley	193	89	98	796	5	1181
Lakes	539	58	95	738	13	1443
Mid Central	288	91	97	1291	11	1778
Nelson Marlborough	139	33	40	1093	2	1307
Northland	532	31	50	756	2	1371
South Canterbury	29	6	17	378	1	431
Southern	307	100	140	2745	12	3304
Tairāwhiti	198	15	12	188	1	414
Taranaki	121	7	20	384	3	535
Waikato	1079	177	296	2564	30	4146
Wairarapa	48	5	3	238	NA	294
Waitematā	884	766	1347	5259	30	8286
West Coast	15	1	3	123	3	145
Whanganui	213	21	17	428	1	680
Unknown	272	121	134	965	202	1694
Total	8301	5970	6206	33480	480	54437

Rate per 1000 people tested for COVID-19 from 12 August to 15 August 2020					
	Prioritised Ethnicity MPAO				
DHB of Domicile	Māori	Pacific Peoples	Asian	Other	Total
Auckland	14.9	17.9	7.8	15.3	13.0
Bay of Plenty	5.8	7.0	3.0	6.5	6.1
Canterbury	10.5	14.4	8.0	10.9	10.7
Capital and Coast	9.6	11.7	5.6	11.2	10.3
Counties Manukau	14.9	24.3	10.0	12.4	14.7
Hawkes Bay	5.2	4.7	4.0	6.4	5.9
Hutt Valley	7.4	7.6	5.2	8.4	7.8
Lakes	14.0	22.7	9.8	12.3	13.0
Mid Central	7.9	16.4	6.3	10.4	9.8
Nelson Marlborough	8.7	13.4	5.4	8.7	8.6
Northland	8.7	8.2	6.0	6.9	7.5
South Canterbury	5.5	12.3	7.2	7.3	7.2
Southern	9.1	14.5	5.4	10.3	9.9
Tairāwhiti	8.0	13.4	10.3	8.5	8.4
Taranaki	5.2	5.0	3.2	4.3	4.4
Waikato	11.2	13.3	6.7	9.5	9.8
Wairarapa	6.0	6.0	2.4	6.7	6.4
Waitematā	14.1	17.2	9.4	13.8	13.1
West Coast	3.9	4.0	3.2	4.6	4.5
Whanganui	12.3	13.8	5.8	9.9	10.5
Total	10.7	18.7	8.1	10.8	11.0

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**SITREP 018****Coronavirus disease 2019 (COVID-19)****Issued: 1800 hours 16 August 2020****Information current at: 1800 hours****Next SitRep to be sent at: 1100 hours 17 August 2020**

This report provides three-times daily updates on the COVID-19 health system response. New information is denoted by red text.

Please use the single point of contact email covid-19response@health.govt.nz for help / support. Your email will be logged and promptly passed to the appropriate team.

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Need to know

- As at 1800 hours there are 5 additional cases since 0900 16 August 2020 (3 additional since the 1400 16 August 2020 sit rep) and 54 community cases in total as set out in the table below. This total comprises 50 cases linked to the cluster *Auckland Community Cluster August 2020*.
 - Two of the 54 cases are still under investigation.
 - Two further cases are linked to one of the cases listed above as still under investigation.

Case Status	Counties Manukau	Waitematā	Auckland	Waikato	Total
Confirmed	27 (+1)	8	16 (+4)	2	53 (+5)
Probable	1	0	0	0	1
Total	28 (+1)	8	16 (+4)	2	54 (+5)

- One of the new cases since 0900 this morning is a worker in an Auckland managed isolation facility. This case is an employee of the hotel and investigation is ongoing to determine a link to the cluster.
- A further new case reported since 0900 this morning is an employee at s 9(2)(a) This case is linked to the cluster through the church in Grey Lynn.
- There have been no new cases at the border since 0900 today. In total there are 99 cases that have been detected at the border since the establishment of MIFs/MIQs.

- As at 0900 hours there are three cases requiring hospital-level care as follows:
 - s 9(2)(a) Auckland (Auckland City Hospital) s 9(2)(a)
 - s 9(2)(a) Auckland (Auckland City Hospital) – **stable**
 - s 9(2)(a) Counties Manukau (Middlemore) – **stable**
- 29 cases and 37 close contacts (66 people total) have been transferred to the Jet Park MIQ facility in Auckland.

Health system response

Overall approach

- Our investigation has two main focus areas that run in parallel:
 - **Source attribution** – a focus on investigating the case with the earliest symptom onset date to gather details actions of movements 14 days prior. This will help to understand the possible source of the new outbreak.
 - **Containment** – rigorous case investigation, identification of close contacts and isolation and testing to ensure that chain of transmission is broken.

Investigation: Auckland Community Cluster August 2020

Auckland case investigation updates

Americold (two sites with confirmed cases)

- The environmental swabbing at the Mt Wellington Americold site has been done. The swabs are being processed by ESR and we expect to have results in the next 24 hours. The Wiri site will be swabbed today and the samples are being couriered to ESR in Wellington tonight to be tested on Monday. s 6(b)(i)
- Six new close contacts at the Mt Wellington site have been identified. The close contacts have been advised to self-isolate and get tested.
- The CEO of Americold has today supplied a list of 110 contractors from 58 organisations that visited the Mt Wellington site in the last 14 days. This list is being scoped for close contacts.
- 35 of 41 staff at the Mt Wellington Americold site have been tested. Nine are positive, 23 are negative. Two results are pending and the new six contacts mentioned above will be tested tomorrow.

- It has been reported that there may have been a shared lunch at Americold and a family gathering at one of the workers homes. These events are being scoped.

Finance Now

- 153 of 158 staff at Finance Now have been tested. Five are positive, 143 are negative, and five results are pending.
- 28 of 31 Finance Now family close contacts have been tested. All 28 are negative.

NZ Post Distribution Centre

- A NZ Post distribution centre is associated with the cluster. An existing case reported this morning is an employee at the distribution centre and worked there while infectious.
- The site is being scoped and 23 workers have been identified as close contacts as at 1800 hours. The remaining workers at the site will be treated as casual contacts.

Other Locations

- A church in Auckland associated with a case at Mt Wellington workplace is being scoped. s 9(2)(a) Several hundred possible contacts have been identified through visitor logs. This is being followed up.
- Two additional churches in Auckland associated with cases are being scoped.
- There are six educational institutions with associated with confirmed cases and six educational institutions associated with contacts of confirmed or probable cases.

Waikato case investigation updates

- The two cases from Waikato have been transferred to Jet Park MIQ facility in Auckland.
- One of the cases attends a local polytechnic which has been closed and is undergoing a deep clean. There are two exposure events being scoped.
 - s 9(2)(a)
 - s 9(2)(a)

Updates from ESR and wider testing

- Genome sequencing results – the first four cases have been completed and are all consistent with each other. No identical match to any cases in the managed isolation

and quarantine samples sequenced has been found. No identical match to any previous cases in New Zealand. Further investigation is ongoing.

- There is a one mutation difference between these samples and the closest genome identified globally to date (reported in May 2020). This very low mutation rate may indicate that the virus has not replicated many times. This may indicate that the virus has transmitted through a small number of people over this time, that this lineage mutates less, or that the virus has been transmitted through means other than person-to-person spread, acknowledging that this requires a degree of environmental persistence that has yet been unobserved.

Contact Tracing

- 784 (80.8%) close contacts of confirmed cases reported from 7 August to 13 August, have been successfully contacted within 48 hours. 1,536 close contacts have been identified since 11 August 2020. 1,322 of these have been contacted and are self-isolating. The remaining are in the process of being contacted.
- All patients who visited the practice of case 2367 during the potential infectious period are being followed up and tested. Several patients of case 2367 are Americold workers and this is the most likely link to the cluster. Investigation is ongoing to validate this.
- As at 1800 hours, contact tracing for all community cases since 11 August 2020 is summarised as follows:

	13/08/2020	14/08/2020	15/08/2020	16/08/2020
Number of close contacts identified	690	1,016	1,504	1,610 (+25)
Number of close contacts successfully contacted	349	797	1198	1,429 (+79)
Number of close contacts referred to "finding services"***	11	14	68	81 (-44)
Number of close contacts awaiting contact	330	205	238	100 (-10)

*Contacts loaded into the National Contact Tracing Solution, and managed by either the National Investigation and Tracing Unit or the Public Health Units. **N.B "Finding services" refers to the mechanism the National Close Contact Service uses to find valid contact details for close contacts we do not have the correct contact details for. These services utilise internal Ministry of Health databases along with Police, Customs and Airlines where relevant.

Testing

Swab numbers

- As at 1800 hours today 9,698 swabs have been collected nationally today. 67,689 swabs have been collected since and including 12 August 2020.
- The table below is updated once per day to allow for data collection. Please note the DHBs report swab numbers that are counted at different stages in the testing process, as such this data is likely to change over time. As at 0900 today, the number of swabs collected nationally on 15 August 2020 is summarised as follows:

Swab Stream	Number of swabs taken
Community	8,386
MIF Staff	722
MIF Guests	628
Airport Staff	380
Maritime Staff	780
Total	11,896

Lab Testing numbers

- On 15 August 2020 23,682 tests were completed nationally; bringing the total number of tests to 69,237 since (and including) 12 August 2020.
- Please see Appendix 3: for a breakdown of testing by DHB and Ethnicity for further information and breakdowns of testing.

Testing activity by region

Focus areas:

- There are 39 designated community testing centres in the wider Auckland region. Locations have been identified in partnership with the DHB's Pacific Team. Mobile testing sites are being redeployed to test close contacts as required. A few additional sites are also being scoped for community testing to open early next week.
- As of 0900 there are 18 testing sites in Auckland City. This includes a new site in Glenn Innes. Additional sites are being scoped in North Shore and Pukekohe.
- There is a testing site at Waipuna stood up to test close contacts exclusively. An advantage of this site is its proximity to the close contacts of the GP case.

- A fixed site for close contacts is being scoped in West Auckland and will also be available on Monday 17 August 2020.
- CTCs in Auckland have been set up specifically for high priority testing to elevate pressure on other testing sites.
- Port and airport workers are continuing to be tested today. Overnight testing will be done at the Auckland airport to catch the night workers and testing hours have been extended at the airport and port. The port and operators have been very cooperative, and more than 1000 tests have been done at the Auckland port to date.
- Over 11,000 tests have arrived at the labs in the Northland region for three days in a row. The labs are working through the backlog of tests in the system.

Healthline updates

- On 15 August there were 4,764 contacts in total through Healthline.
- The demand on 1737 Need to talk? and other mental health services was 8% higher than forecast.
- The average wait time on the COVID-19 Information Line is 11:43 minutes. This is a decrease in average wait time from 13:58 minutes on 14 August 2020.
- The main themes yesterday / today:
 - People complaining that they have not had test results back yet.
 - People wanting information on exemptions to get out of Auckland for compassionate reasons.
 - Close contacts thinking that level 3 over Auckland means that they don't need to self-isolate.
 - There appears to be large amounts of mischievous information circulating by members of the public on social media and in communities. This is causing alarm around possible venues that positive cases may have attended. Many of these locations are not on our systems. Proactive authoritative sources on places of interest / possible exposure events is critical and will reduce Healthline and PHU workload.
 - Service Users are concerned because they've developed symptoms while travelling through Auckland on their way home.
 - Increase in Mental health service lines – anxiety relating to going back into lockdown.

Health Workforce

- Health Workforce are working with DHBs to investigate the feasibility of establishing a micro-credential for swabbing to expand capacity. It is envisaged the Kaiāwhina workforce will be used.

- Health Workforce is continuing to work with all 20 DHBs to understand their workforce needs, identify any gaps and provide support where possible.
- Health Workforce provided advice to NRHCC on workforce implications for the airside testing order at Auckland Airport.

Hospital Capacity

- This data stream is not currently reported on during weekends.
- As at 1000 14 August 2020, ICU and HDU bed, ventilators, and ward beds are summarised as follows:

Type	Number of Units	Number Occupied / in use
ICU and HDU Beds	350	237 (67.7%)
Ventilators	284	57 (20.1%)
Ward Beds	6859	(80.2%)

Appendix 1: Case summary

All cases reported in the community since 11 August 2020 (all cases reported today are highlighted in red)

Case Number	Date Tested Positive	Onset Date	Case Status	DHB	Sex	Age	Ethnicity	Symptoms [Yes/No]	Hosp	Occupation	Source of Transmission
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