



## SITREP 17

### NATIONAL MEASLES OUTBREAK 2019

Issued: **1500 hrs, 2 OCTOBER 2019**

**IN CONFIDENCE – NOT FOR FURTHER DISTRIBUTION**

*New information in red text*

All information is current as of 1300hrs 2 October 2019

#### National Situation

1. From 1 January 2019 to **2 October** 2019 there have been **1604** confirmed cases of measles notified across New Zealand (**as at 0830hrs 2 October**) based on ESR reporting. This is an increase of **28** cases nationally since **Executive Summary 22 provided on Tuesday 1 October**.
2. Over the last two weeks (**19 September to 2 October**) **243** cases have been reported nationally. In the same period, there have been **200** new cases reported in the Auckland region, with most cases reported in Counties Manukau District Health Board (CMDHB) (**145** cases). See *Appendix 1* for details.
3. As expected, most cases have been in unvaccinated people, or in those whose vaccination status is unknown.
4. Figures detailing weekly notifications of measles cases across New Zealand are included in *Appendix 2*. Figure 1 indicates that overall, the weekly number of measles notifications may be decreasing. However, it is not yet possible to determine if the outbreak has peaked. Numbers of cases are increasing in some regions outside of Auckland, particularly Northland DHB and Southern DHB. Notifications and associated trends will continue to be closely monitored.
5. A detailed breakdown of cases by age, DHB, and vaccination status is available on the ESR Public Health Surveillance website.  
<https://surv.esr.cri.nz/surveillance/WeeklyMeaslesRpt.php>

#### Auckland Situation

6. **As at 0830hrs 2 October**, there have been **1329** confirmed cases of measles in the Auckland region, which is an increase of **22** cases since **Executive Summary 22 provided on Tuesday 1 October**.
7. New cases are mainly occurring in South Auckland. In total, **890** cases have occurred in CMDHB (see *Appendix 1* for details).

## **Auckland Region Response – Key Actions**

### ***Counties Manukau DHB***

8. As at 24 September, **355** cases have been admitted to Middlemore Hospital since June 2019.
9. Additional vaccinations have been given through the outreach clinics in Counties Manukau to **6,455 people (to 27 September)**.

### **Other Regions' Response – Key Actions**

#### ***Northland DHB***

10. **As at 0830hrs 2 October, there have been 62 cases of measles reported in Northland DHB since 1 January 2019.**
11. There has been a significant number of importations from the Auckland region in recent weeks and an increase in cases in school-aged children.
12. A drop-in immunisation clinic has been set up in Whangarei for two days per week and an immunisation clinic has been set up in Kaitiāia.

#### ***Waikato DHB***

13. As at **0830hrs 2 October**, there have been **37** cases of measles in Waikato DHB. The majority of these cases are linked to the Auckland outbreak.

#### ***Bay of Plenty and Lakes DHBs***

14. As at **0830hrs 2 October**, there have been **37** cases of measles in Bay of Plenty DHB, and **19** cases of measles in Lakes DHB. **Toi Te Ora has scaled up operations to manage all cases and identified contacts.**

#### ***Wellington Region***

15. As at **0830hrs 2 October** there have been **24** confirmed cases of measles in the Wellington region since 1 January 2019.
16. **On 30 September, a case of measles was notified with a probable source of infection from overseas travel. Contact tracing has been carried out, but a media release is being issued today (2 October) identifying community settings where the case has been while infectious.**
17. **A known contact of a confirmed measles case left isolation without a mask. Contact tracing has been carried out and a media release is being issued today (2 October) identifying the community setting where the case has been while potentially infectious.**

## **Canterbury DHB**

18. On 30 September, a case of measles was confirmed in a healthcare worker in Canterbury. Extensive community contacts and hospital contacts are being followed up. The case was infected whilst in Queenstown.

## **Southern DHB**

19. As at 0830hrs 2 October, there have been 37 confirmed cases of measles in Southern DHB. 12 of these cases have been reported in the last two weeks (see Appendix 1), mainly in Queenstown. The number of cases is increasing in this region, and cases are predominantly in the 18-40 year age group.

## **Ministry of Health**

20. Daily teleconferences continue to be held between the three Auckland DHBs and the NHCC.

## **Vaccine Stock and Distribution**

21. The Ministry has planned the allocation of 100,000 doses of MMR vaccine to DHBs. The Ministry has been working closely with DHBs to determine their vaccine requirements for the delivery of the Childhood Immunisation Schedule and any outbreak response activities.
22. Up to 30 September, 189,400 MMR vaccinations have been given in New Zealand this year according to the National Immunisation Register. This is compared to 98,720 vaccinations given in the same time period in 2018.

## **Public Information Management / Media**

23. Media interest continues for the Ministry of Health, PHARMAC and DHBs. Media releases and responses should mirror the Ministry messaging to ensure national consistency and should be reviewed by the NHCC team prior to release.
24. While there have been no deaths in this outbreak, there have been five pregnant women hospitalised and two fetal losses associated with these events. There was particular media interest on 1 October around this.
25. From 23 September to 29 September, 13% of all visits to the Ministry of Health website were related to measles. A total of 14,600 users were looking for measles information. Of these, 8,800 were from the Auckland region.
26. The National Telehealth Service (Healthline) continues to experience high call volumes, particularly on weekdays. For the 24 hour period ended midnight 1 October, 926 calls were answered by the Health Services frontline team, which is close to typical for this time of year, and approximately 18% below the number of calls received on 30 September. Counties Manukau, Waitemata and Southern DHBs had the highest number of symptomatic callers.

27. PlunketLine report call volumes have decreased since early September.

Date	Day	% difference compared to forecast
10-Sep	Tue	20%
11-Sep	Wed	17%
12-Sep	Thu	5%
13-Sep	Fri	7%
14-Sep	Sat	14%
15-Sep	Sun	13%
16-Sep	Mon	7%
17-Sep	Tue	8%
18-Sep	Wed	0%
19-Sep	Thu	9%
20-Sep	Fri	0%
21-Sep	Sat	0%
22-Sep	Sun	4%
23-Sep	Mon	4%
24-Sep	Tue	5%
25-Sep	Wed	0%
26-Sep	Thu	0%
27-Sep	Fri	3%
28-Sep	Sat	9%
29-Sep	Sun	10%
30-Sep	Mon	0%
1-Oct	Tue	0%

#### Next Report

The next report will be an Executive Summary at **1100hrs** on Thursday 3 October 2019.

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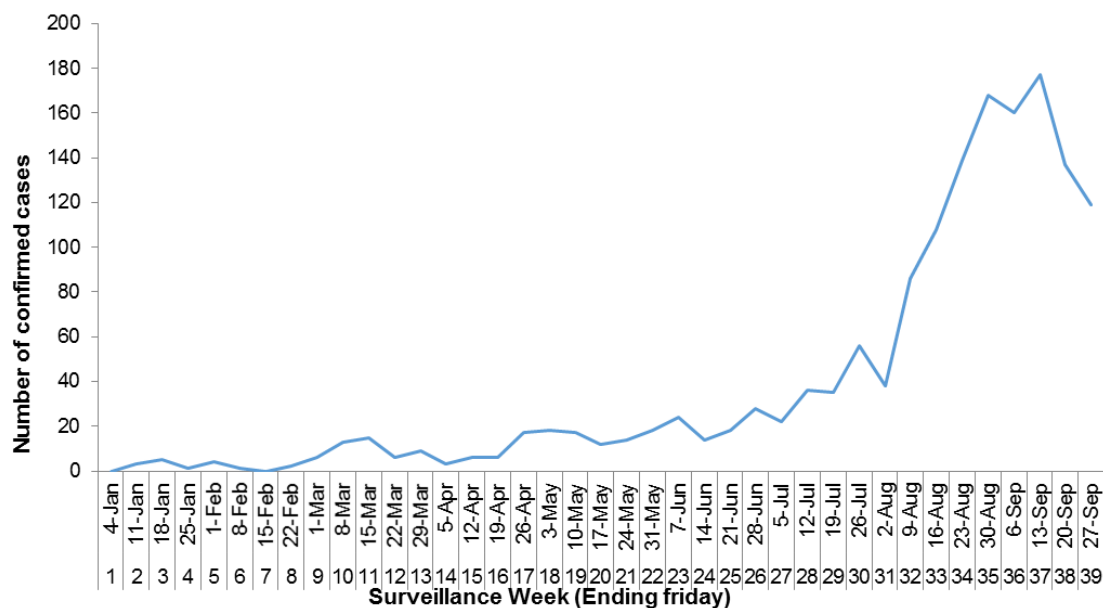
## Appendix 1. Confirmed cases per DHB in New Zealand

DHB	Cumulative Cases - 1 January 2019 to 2 October 2019	Cases in the last 14 days (19 September to 2 October)	Cases since last report	Status*
Northland	62	13	2	Auckland link
Waitemata	226	40	5	Outbreak ongoing
Auckland	213	54	8	Outbreak ongoing
Counties Manukau	890	106	9	Outbreak ongoing
Waikato	37	4	0	Auckland link
Lakes	19	3	0	Auckland link
Bay of Plenty	37	5	0	Auckland link
Tairāwhiti	0	0	0	-
Taranaki	6	0	0	Auckland link
Hawke's Bay	3	0	0	No recent cases
Whanganui	0	0	0	-
MidCentral	6	1	0	Auckland link
Hutt Valley	9	2	0	Auckland link
Capital and Coast	14	2	1	Auckland link
Wairarapa	1	0	0	No recent cases
Nelson Marlborough	0	0	0	-
West Coast	0	0	0	-
Canterbury	43	1	0	Auckland link
South Canterbury	1	0	0	No recent cases
Southern	37	12	3	Auckland link
<b>Total</b>	<b>1604</b>	<b>243</b>	<b>28</b>	

\* This refers to areas with cases within the last 42 days (2 maximum incubation periods for measles).

## Appendix 2

**Figure 1.** Number of confirmed measles notifications by week, 1 January–27 September 2019



**Figure 2.** Number of confirmed measles cases by week and DHB for the last six months, 2019

