

---

## MONTHLY NOTIFIABLE DISEASE SURVEILLANCE REPORT

Data contained within this monthly report is based on information recorded on EpiSurv by public health service (PHS) staff as at 5 November 2013. Changes made to EpiSurv data after this date will not be reflected in this report. The results presented may be updated and should be regarded as provisional.

---

### Table of contents

1. Key notifiable disease trends	1
2. Outbreaks	3
3. Deaths from notifiable diseases	4
4. Trends in selected diseases to October 2013	5
5. Data tables	6

---

### 1. Key notifiable disease trends

*Barmah Forest virus infection:* One case of Barmah Forest virus infection was notified in October 2013, the case has since been found to not meet case criteria after further investigation.

*Diphtheria:* One case of diphtheria was notified in October 2013, the case has since been found to not meet case criteria after further investigation.

*Hepatitis A:* 16 cases of hepatitis A were notified in October 2013 compared to two cases in the same month of the previous year. Ethnicity was recorded for 87.5% (14/16) of the cases, with the highest number of cases in European or Other (8 cases), followed by Māori (4 cases), and Asian (2 cases) ethnic groups. The cases were reported from Hawke's Bay and Canterbury (4 cases each), Auckland (3 cases), Counties Manukau (2 cases), and Northland, Capital & Coast, and Nelson Marlborough (1 case each) DHBs. The cases ranged in age from five to 83 years and were in the following age groups: 5-9 and 30-39 years (4 cases each), 20-29 years (3 cases), 10-14 and 50-59 years (2 cases each), 70 years and over (1 case). Six of the cases had travelled overseas during the incubation period: one travelled to both Australia and Fiji and the others to Australia, Fiji, and Vanuatu. One interim hepatitis A virus outbreak was reported in October (case numbers yet to be determined).

*Measles:* Three cases of measles were notified in October 2013, two of these cases have since been found to not meet case criteria after further investigation. The remaining probable case was a male in the <1 year age group from Canterbury DHB.

*Pertussis:* 259 cases of pertussis were notified in October 2013 compared to 537 cases in the same month of the previous year (Figure 1). Twenty three cases were hospitalised. One death was reported from Counties Manukau DHB. The case was a male in the 70 years and over age group with multiple co-morbidities. The public health unit was unable to ascertain whether or not pertussis was the primary cause of death. There were 56 (21.6%) cases laboratory-confirmed by isolation of *Bordetella pertussis* from the nasopharynx. A further 19 (7.3%) cases were laboratory-confirmed by PCR. The highest numbers of cases were reported from Canterbury (48 cases), Counties Manukau (35 cases), and Nelson Marlborough (29 cases) DHBs. The cases ranged in age from 26 days to 86 years, with 18.5% under five years old (including 20 cases aged less than 1 year). The highest numbers of cases occurred in the 40-49 years (40 cases), 30-39

years (32 cases), and 1-4 years (28 cases) age groups. The vaccination status was recorded for 113 (43.6%) of cases. Of these, 48 were reported as not vaccinated, 10 received one dose of vaccine, 41 received three or more doses (including nine who had received all five doses), and 14 were reported as being vaccinated but no dose information was available. Of the cases where relevant information was recorded 34.1% (29/85) had contact with a laboratory-confirmed pertussis case, and 32.4% (55/170) attended school, pre-school or childcare.

*Q fever*: One case of Q fever was notified in October 2013, the case has since been found to not meet case criteria after further investigation.

*Rheumatic fever*: Based on the earliest data available<sup>1</sup>, 17 cases of rheumatic fever (15 initial attacks, 2 recurrent attacks) were notified in October 2013 compared to three cases notified during the same month of the previous year. Of the 16 cases with hospitalisation status recorded, 93.8% (15 cases) were hospitalised. All but one case was notified from the North Island with the highest number of cases notified from Counties Manukau DHB (7 cases). Ethnicity was reported for all cases with the highest number of cases in Māori (11 cases), followed by Pacific Peoples (5 cases), and European or Other (1 case) ethnic groups. The cases ranged in age from seven years to 29 years, with the highest number of cases in the 10-14 years (8 cases) age group.

*Ross River virus infection*: One confirmed case of Ross River virus infection was notified in October 2013. The case was a male in the 60-69 years age group from Waitemata DHB and was in Australia during the incubation period.

*Salmonellosis*: 102 cases of salmonellosis were notified in October 2013 compared to 91 cases notified in the same month of the previous year (Figure 2). The highest number of cases was reported from the Auckland region (36 cases), followed by Southern (18 cases), and Canterbury (8 cases) DHBs. The cases ranged in age from three months to 84 years, with the highest numbers of cases in the 1-4 years (16 cases), 20-29 years (15 cases), and the 50-59 years (11 cases) age groups. Thirteen cases were hospitalised. The serotype involved was recorded for 101 cases (99.0%) cases. The most common serotypes were: *Salmonella* Brandenburg and *S. Typhimurium* phage type 56 variant (11 cases each), and *S. Enteritidis* phage type 1 and *S. Typhimurium* phage type 135 (6 cases each). One finalised *Salmonella* outbreak was reported in October (4 cases).

---

<sup>1</sup> The 'earliest' date refers to the earliest recorded date for the case (onset or hospitalisation date rather than report date, if available). 'Earliest' date, as opposed to 'report date' alone, is used throughout the analysis of rheumatic fever notification data.

## 2. Outbreaks

**Table 1. Summary of finalised outbreaks created in EpiSurv during October 2013**

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
<i>Campylobacter</i>	Waikato	1	2
<i>Cryptosporidium</i>	Waikato	2	6
Gastroenteritis	Waitemata, Capital & Coast	2	12
<i>Giardia</i>	Auckland, Waikato	3	7
Norovirus <sup>1</sup>	Taranaki, Canterbury	5	90
Rotavirus <sup>1</sup>	Capital & Coast	1	34
<i>Salmonella</i>	Counties Manukau	1	4
<b>Total</b>		<b>15</b>	<b>155</b>

<sup>1</sup> Includes outbreaks reported to PHSs prior to October 2013: norovirus (2) and rotavirus (1) reported in September.

**Table 2. Summary of interim outbreaks created in EpiSurv during October 2013**

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
<i>Campylobacter</i>	Waikato	1	4
<i>Cryptosporidium</i> <sup>2</sup>	Waikato, MidCentral	4	7
Gastroenteritis <sup>2</sup>	Northland, Waitemata, Auckland, Counties Manukau, Whanganui, Capital & Coast, Southern	15	77
<i>Giardia</i>	Auckland, Counties Manukau	2	7
Hepatitis A virus <sup>1</sup>	Hawke's Bay	1	-
Influenza-like illness <sup>1</sup>	Wairarapa	1	-
<i>Legionella pneumophila</i>	West Coast	1	2
Norovirus <sup>2</sup>	Capital & Coast, Nelson Marlborough Canterbury, Southern	5	79
<i>Plesiomonas shigelloides</i>	Auckland	1	3
<b>Total</b>		<b>31</b>	<b>179</b>

<sup>1</sup> Interim outbreak(s) where total number of cases had not been completed.

<sup>2</sup> Includes interim outbreak(s) where total number of cases had not been completed.

### 3. Deaths from notifiable diseases

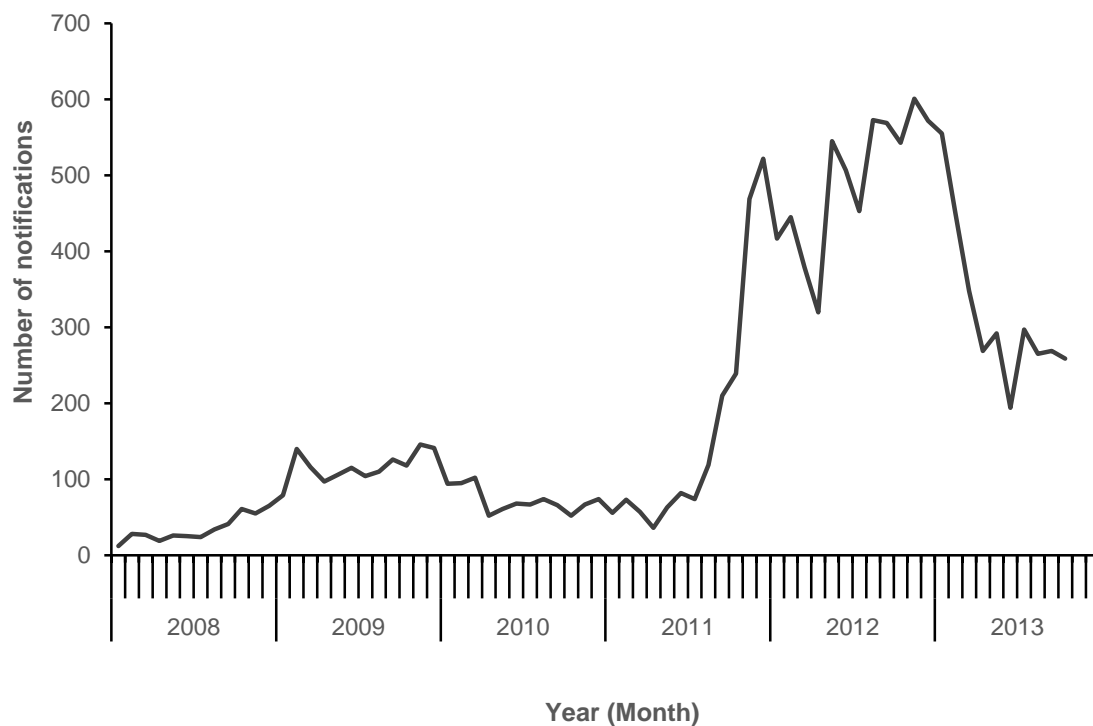
One death, where the primary cause of death was a notifiable disease, was reported in October 2013 (Table 3).

**Table 3. Summary of deaths from notifiable diseases reported during October 2013**

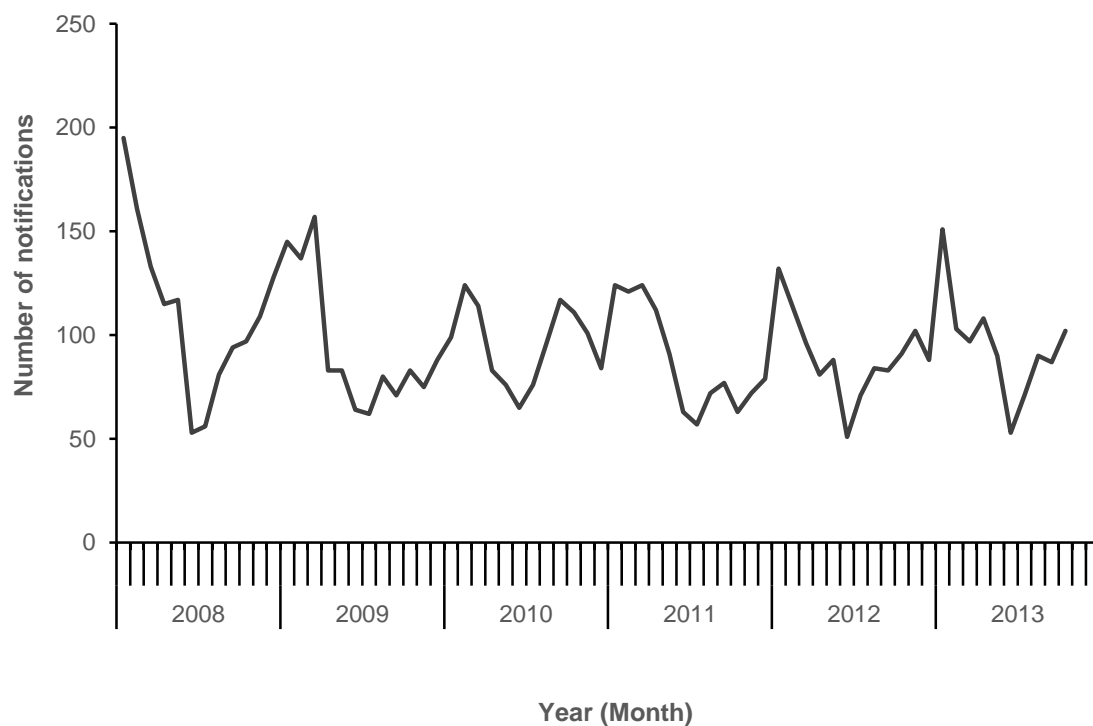
<b>Disease</b>	<b>District Health Board</b>	<b>Age group (years)</b>
Invasive pneumococcal disease	Canterbury	70+ years

#### 4. Trends in selected diseases to October 2013

**Figure 1: Pertussis notifications by month, January 2008 – October 2013**



**Figure 2: Salmonellosis notifications by month, January 2008 – October 2013**



## 5. Data tables

### National Notifiable Disease Surveillance Data October 2013

Disease	Current Year - 2013 <sup>1</sup>			Previous Year - 2012		
	October 2013 Cases	Cumulative total since 1 January	Current 12 Month Rate <sup>2</sup>	October 2012 Cases	Cumulative total since 1 January	Current 12 Month Rate <sup>2</sup>
Campylobacteriosis	653	5207	149.4	663	5602	165.1
Cryptosporidiosis	167	1231	30.6	191	751	19.4
Dengue fever	12	87	2.1	4	69	1.7
Gastroenteritis <sup>3</sup>	45	468	15.0	90	539	14.5
Giardiasis	154	1477	39.0	130	1464	39.0
Haemophilus influenzae type b	2	4	0.1	0	4	0.1
Hepatitis A	16	89	2.1	2	77	1.9
Hepatitis B <sup>4</sup>	9	30	0.9	6	31	0.7
Hepatitis C <sup>4</sup>	7	41	1.1	0	25	0.7
Invasive pneumococcal disease	48	412	10.6	42	429	11.3
Legionellosis	15	114	3.5	7	109	3.4
Leptospirosis	8	61	1.7	8	95	2.5
Listeriosis	1	18	0.5	2	20	0.6
Malaria	2	41	1.2	1	28	0.7
Measles	3	4	0.1	0	68	6.2
Meningococcal disease	6	64	1.6	15	77	2.0
Mumps	1	23	0.6	2	22	0.7
Paratyphoid fever	1	23	0.6	1	19	0.5
Pertussis	259	3199	98.6	537	4728	129.0
Q fever	1	1	0.0	0	0	0.0
Rheumatic fever	17	163	3.9	3	173	4.5
Rickettsial disease	0	7	0.2	0	3	0.1
Rubella	1	3	0.1	1	4	0.1
Salmonellosis	102	952	25.8	91	891	23.5
Shigellosis	10	124	3.1	9	117	3.1
Tuberculosis disease	33	248	6.7	36	244	6.8
Typhoid fever	3	42	1.2	4	33	0.9
VTEC/STEC infection	8	198	5.0	12	122	3.0
Yersiniosis	51	392	10.7	47	431	11.8

<sup>1</sup> These data are provisional

<sup>2</sup> Rate is based on the cumulative total for the current year (12 months up to and including October 2013) or the previous year (12 months up to and including October 2012), expressed as cases per 100 000

<sup>3</sup> Cases of gastroenteritis from a common source or foodborne intoxication

<sup>4</sup> Only acute cases of this disease are currently notifiable

Other notifiable infectious disease reported in October: Barmah Forest virus infection (1), Diphtheria (1), Ross River virus infection (1)

## Notifiable Disease Surveillance Data by District Health Board October 2013

		Cases <sup>1</sup> and current rate <sup>2</sup> for October 2013 by District Health Board <sup>3</sup>																			
Disease		Northland	Waitemata	Auckland	Counties Manukau	Waikato	Lakes	Bay of Plenty	Tairāwhiti	Taranaki	Hawke's Bay	Whanganui	MidCentral	Hutt Valley	Capital and Coast	Wairarapa	Nelson Marlborough	West Coast	Canterbury	South Canterbury	Southern
Campylobacteriosis	Cases	18	62	53	52	80	20	30	7	28	31	11	25	9	31	10	16	16	73	23	58
	Rate	139.6	139.6	126.6	103.3	199.6	169.7	126.8	156.0	198.5	186.0	163.2	147.7	103.3	135.9	164.9	147.1	209.7	160.4	281.2	176.4
Cryptosporidiosis	Cases	7	8	5	8	23	5	6	0	3	4	3	5	1	3	4	3	4	37	12	26
	Rate	16.4	20.2	18.6	12.4	59.7	63.0	17.4	4.3	36.3	90.7	30.4	26.6	26.3	35.3	36.9	12.8	21.3	34.2	65.4	35.4
Dengue fever	Cases	0	2	2	1	0	1	0	0	0	0	0	0	0	3	0	0	0	3	0	0
	Rate	1.3	3.1	6.7	1.4	0.0	2.9	2.8	2.1	0.9	0.6	0.0	0.0	1.4	3.4	2.5	1.4	0.0	1.6	1.8	0.3
Gastroenteritis	Cases	0	8	5	1	0	0	2	0	1	0	6	1	7	12	0	0	0	0	0	2
	Rate	2.5	13.7	17.1	7.7	8.4	5.8	10.8	0.0	7.3	0.6	32.0	66.8	55.4	34.3	22.2	6.4	30.4	6.0	0.0	7.8
Giardiasis	Cases	6	19	13	18	15	4	10	1	5	6	1	2	6	9	0	3	1	20	1	14
	Rate	25.9	31.1	42.6	36.8	47.8	65.0	43.8	17.1	42.6	42.5	17.6	18.3	26.3	54.2	44.3	51.2	30.4	38.6	23.0	40.6
Haemophilus influenzae type b	Cases	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	Rate	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.3
Hepatitis A	Cases	1	0	3	2	0	0	0	0	0	4	0	0	0	1	0	1	0	4	0	0
	Rate	2.5	1.1	1.3	1.8	0.0	0.0	0.9	2.1	0.9	4.5	1.6	0.6	0.0	1.0	0.0	1.4	0.0	9.4	1.8	1.0
Hepatitis B	Cases	0	0	1	1	2	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.4	1.1	1.0	1.4	1.9	2.8	0.0	0.0	0.0	1.6	0.0	0.7	0.3	0.0	0.7	3.0	1.2	0.0	0.6
Hepatitis C	Cases	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2	1	1
	Rate	0.0	0.0	0.6	0.0	0.3	0.0	0.0	0.0	4.5	0.0	0.0	0.6	1.4	0.3	0.0	2.8	0.0	3.2	1.8	4.2
Invasive pneumococcal	Cases	4	6	3	6	5	3	6	1	0	2	1	1	2	2	0	1	0	4	0	1
	Rate	13.9	8.7	6.1	12.8	11.1	22.3	17.9	12.8	10.9	16.1	14.4	7.7	6.9	9.1	19.7	9.2	15.2	8.0	14.1	10.1
Legionellosis	Cases	1	0	1	0	0	0	0	0	0	0	0	3	0	0	0	1	1	6	0	2
	Rate	3.8	3.1	3.2	3.9	1.1	0.0	2.4	0.0	0.0	1.3	1.6	3.5	1.4	0.7	0.0	1.4	6.1	11.4	3.5	3.9
Leptospirosis	Cases	0	0	0	0	0	0	1	0	0	4	0	0	0	0	0	1	0	1	1	0
	Rate	1.9	0.2	0.2	0.4	2.4	1.0	5.2	0.0	3.6	6.4	3.2	2.4	0.0	0.0	2.5	3.6	6.1	1.4	8.8	1.9
Listeriosis	Cases	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.5	0.9	0.6	0.0	0.0	2.4	0.0	1.8	0.0	0.0	0.6	0.0	0.3	2.5	0.7	0.0	0.2	1.8	0.0
Malaria	Cases	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	Rate	0.6	1.4	2.4	1.6	0.5	0.0	0.5	0.0	0.0	1.9	0.0	3.5	0.0	0.7	0.0	1.4	0.0	1.4	0.0	0.0
Measles	Cases	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	Rate	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.2	0.0	0.3
Meningococcal disease	Cases	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	Rate	2.5	1.4	1.3	2.4	1.1	3.9	0.9	2.1	2.7	1.3	3.2	1.2	1.4	1.0	0.0	0.0	0.0	1.8	1.8	2.3
Mumps	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	Rate	3.2	0.5	1.1	0.2	0.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0	0.7	0.3	2.5	2.8	0.0	0.2	1.8	0.3
Paratyphoid fever	Cases	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	1.3	1.7	0.4	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.7	0.3	0.0	0.7	0.0	0.4	1.8	0.6
Pertussis	Cases	8	20	20	35	20	3	8	7	2	4	0	1	8	18	0	29	9	48	5	14
	Rate	101.7	52.7	55.8	58.3	102.6	38.8	91.0	168.8	97.9	32.8	100.8	100.5	117.1	100.6	233.8	363.9	252.3	147.9	111.4	103.3
Q fever	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Rheumatic fever	Cases	3	0	1	7	1	1	0	0	0	0	0	0	1	2	0	0	0	1	0	0
	Rate	13.3	1.4	3.7	10.6	5.4	6.8	6.1	12.8	0.9	1.3	1.6	0.6	6.2	3.0	0.0	0.0	0.0	1.0	0.0	0.3
Rickettsial disease	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	1.3	0.4	0.0	0.2	0.5	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rubella	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.2	0.0	0.0
Salmonellosis	Cases	3	10	15	11	7	0	5	2	0	4	0	3	5	6	1	2	0	8	2	18
	Rate	26.5	20.4	30.9	15.0	22.7	19.4	24.5	34.2	21.8	23.8	16.0	18.3	18.7	18.8	22.2	38.4	27.4	28.4	33.6	57.8
Shigellosis	Cases	1	1	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	Rate	3.8	3.6	7.8	6.9	1.4	1.0	0.5	0.0	1.8	0.6	0.0	0.0	2.8	2.7	0.0	1.4	0.0	1.4	0.0	3.6
Tuberculosis disease	Cases	0	0	5	11	1	0	1	0	1	1	0	1	0	7	0	1	0	3	1	0
	Rate	3.2	4.3	12.3	11.4	6.2	7.8	4.7	4.3	7.3	4.5	1.6	6.5	7.6	11.8	2.5	5.0	3.0	4.2	3.5	1.6
Typhoid fever	Cases	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.9	2.8	4.3	0.3	1.0	0.9	0.0	0.0	0.0	0.0	0.0	2.1	0.7	0.0	0.0	0.0	0.6	0.0	0.3
VTEC/STEC infection	Cases	1	1	1	0	0	0	0	0	2	0	0	1	0	0	0	0	0	2	0	0
	Rate	7.6	5.4	4.1	5.3	13.2	3.9	5.2	2.1	8.2	0.6	1.6	1.8	0.7	1.3	2.5	2.1	9.1	5.8	7.1	3.6
Yersiniosis	Cases	3	7	4	6	2	2	2	2	0	0	1	5	3	2	0	1	0	9	0	2
	Rate	7.6	8.3	11.3	9.4	7.0	20.4	15.1	10.7	13.6	7.1	6.4	7.7	12.5	17.2	2.5	1.4	0.0	18.4	14.1	5.8

<sup>1</sup> These data are provisional

<sup>2</sup> Current rate is based on the cumulative total for the 12 months up to and including October 2013 expressed as cases per 100 000

<sup>3</sup> Further data are available from the local Medical Officer of Health

# Notifiable Disease Surveillance Data by District Health Board October 2013

		Cases <sup>1</sup> and current rate <sup>2</sup> for October 2013 by District Health Board <sup>3</sup>																			
Disease		Northland	Waitemata	Auckland	Counties Manukau	Waikato	Lakes	Bay of Plenty	Tairāwhiti	Taranaki	Hawke's Bay	Whanganui	Midcentral	Hutt Valley	Capital and Coast	Wairarapa	Nelson Marlborough	West Coast	Canterbury	South Canterbury	Southern
Campylobacteriosis	Cases	18	62	53	52	80	20	30	7	28	31	11	25	9	31	10	16	16	73	23	58
	Rate	139.6	139.6	126.6	103.3	199.6	169.7	126.8	156.0	198.5	186.0	163.2	147.7	103.3	135.9	164.9	147.1	209.7	160.4	281.2	176.4
Cryptosporidiosis	Cases	7	8	5	8	23	5	6	0	3	4	3	5	1	3	4	3	4	37	12	26
	Rate	16.4	20.2	18.6	12.4	59.7	63.0	17.4	4.3	36.3	90.7	30.4	26.6	26.3	35.3	36.9	12.8	21.3	34.2	65.4	35.4
Dengue fever	Cases	0	2	2	1	0	1	0	0	0	0	0	0	0	3	0	0	0	3	0	0
	Rate	1.3	3.1	6.7	1.4	0.0	2.9	2.8	2.1	0.9	0.6	0.0	0.0	1.4	3.4	2.5	1.4	0.0	1.6	1.8	0.3
Gastroenteritis	Cases	0	8	5	1	0	0	2	0	1	0	6	1	7	12	0	0	0	0	0	2
	Rate	2.5	13.7	17.1	7.7	8.4	5.8	10.8	0.0	7.3	0.6	32.0	66.8	55.4	34.3	22.2	6.4	30.4	6.0	0.0	7.8
Giardiasis	Cases	6	19	13	18	15	4	10	1	5	6	1	2	6	9	0	3	1	20	1	14
	Rate	25.9	31.1	42.6	36.8	47.8	65.0	43.8	17.1	42.6	42.5	17.6	18.3	26.3	54.2	44.3	51.2	30.4	38.6	23.0	40.6
Haemophilus influenzae type b	Cases	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	Rate	0.0	0.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.3
Hepatitis A	Cases	1	0	3	2	0	0	0	0	0	4	0	0	0	1	0	1	0	4	0	0
	Rate	2.5	1.1	1.3	1.8	0.0	0.0	0.9	2.1	0.9	4.5	1.6	0.6	0.0	1.0	0.0	1.4	0.0	9.4	1.8	1.0
Hepatitis B	Cases	0	0	1	1	2	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.4	1.1	1.0	1.4	1.9	2.8	0.0	0.0	0.0	1.6	0.0	0.7	0.3	0.0	0.7	3.0	1.2	0.0	0.6
Hepatitis C	Cases	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2	1	1
	Rate	0.0	0.0	0.6	0.0	0.3	0.0	0.0	0.0	4.5	0.0	0.0	0.6	1.4	0.3	0.0	2.8	0.0	3.2	1.8	4.2
Invasive pneumococcal disease	Cases	4	6	3	6	5	3	6	1	0	2	1	1	2	2	0	1	0	4	0	1
	Rate	13.9	8.7	6.1	12.8	11.1	22.3	17.9	12.8	10.9	16.1	14.4	7.7	6.9	9.1	19.7	9.2	15.2	8.0	14.1	10.1
Legionellosis	Cases	1	0	1	0	0	0	0	0	0	0	0	3	0	0	0	1	1	6	0	2
	Rate	3.8	3.1	3.2	3.9	1.1	0.0	2.4	0.0	0.0	1.3	1.6	3.5	1.4	0.7	0.0	1.4	6.1	11.4	3.5	3.9
Leptospirosis	Cases	0	0	0	0	0	0	1	0	0	4	0	0	0	0	0	1	0	1	1	0
	Rate	1.9	0.2	0.2	0.4	2.4	1.0	5.2	0.0	3.6	6.4	3.2	2.4	0.0	0.0	2.5	3.6	6.1	1.4	8.8	1.9
Listeriosis	Cases	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.5	0.9	0.6	0.0	0.0	2.4	0.0	1.8	0.0	0.0	0.6	0.0	0.3	2.5	0.7	0.0	0.2	1.8	0.0
Malaria	Cases	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	Rate	0.6	1.4	2.4	1.6	0.5	0.0	0.5	0.0	0.0	1.9	0.0	3.5	0.0	0.7	0.0	1.4	0.0	1.4	0.0	0.0
Measles	Cases	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	Rate	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.2	0.0	0.3
Meningococcal disease	Cases	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	Rate	2.5	1.4	1.3	2.4	1.1	3.9	0.9	2.1	2.7	1.3	3.2	1.2	1.4	1.0	0.0	0.0	0.0	1.8	1.8	2.3
Mumps	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	Rate	3.2	0.5	1.1	0.2	0.0	1.0	0.9	0.0	0.0	0.0	0.0	0.0	0.7	0.3	2.5	2.8	0.0	0.2	1.8	0.3
Paratyphoid fever	Cases	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	1.3	1.7	0.4	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.7	0.3	0.0	0.7	0.0	0.4	1.8	0.6
Pertussis	Cases	8	20	20	35	20	3	8	7	2	4	0	1	8	18	0	29	9	48	5	14
	Rate	101.7	52.7	55.8	58.3	102.6	38.8	91.0	168.8	97.9	32.8	100.8	100.5	117.1	100.6	233.8	363.9	252.3	147.9	111.4	103.3
Q fever	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3
Rheumatic fever	Cases	3	0	1	7	1	1	0	0	0	0	0	0	1	2	0	0	0	1	0	0
	Rate	13.3	1.4	3.7	10.6	5.4	6.8	6.1	12.8	0.9	1.3	1.6	0.6	6.2	3.0	0.0	0.0	0.0	1.0	0.0	0.3
Rickettsial disease	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	1.3	0.4	0.0	0.2	0.5	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rubella	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.2	0.0	0.0
Salmonellosis	Cases	3	10	15	11	7	0	5	2	0	4	0	3	5	6	1	2	0	8	2	18
	Rate	26.5	20.4	30.9	15.0	22.7	19.4	24.5	34.2	21.8	23.8	16.0	18.3	18.7	18.8	22.2	38.4	27.4	28.4	33.6	57.8
Shigellosis	Cases	1	1	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	Rate	3.8	3.6	7.8	6.9	1.4	1.0	0.5	0.0	1.8	0.6	0.0	0.0	2.8	2.7	0.0	1.4	0.0	1.4	0.0	3.6
Tuberculosis disease	Cases	0	0	5	11	1	0	1	0	1	1	0	1	0	7	0	1	0	3	1	0
	Rate	3.2	4.3	12.3	11.4	6.2	7.8	4.7	4.3	7.3	4.5	1.6	6.5	7.6	11.8	2.5	5.0	3.0	4.2	3.5	1.6
Typhoid fever	Cases	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.9	2.8	4.3	0.3	1.0	0.9	0.0	0.0	0.0	0.0	0.0	2.1	0.7	0.0	0.0	0.0	0.6	0.0	0.3
VTEC/STEC infection	Cases	1	1	1	0	0	0	0	0	2	0	0	1	0	0	0	0	0	2	0	0
	Rate	7.6	5.4	4.1	5.3	13.2	3.9	5.2	2.1	8.2	0.6	1.6	1.8	0.7	1.3	2.5	2.1	9.1	5.8	7.1	3.6
Yersiniosis	Cases	3	7	4	6	2	2	2	2	0	0	1	5	3	2	0	1	0	9	0	2
	Rate	7.6	8.3	11.3	9.4	7.0	20.4	15.1	10.7	13.6	7.1	6.4	7.7	12.5	17.2	2.5	1.4	0.0	18.4	14.1	5.8

<sup>1</sup> These data are provisional

<sup>2</sup> Current rate is based on the cumulative total for the 12 months up to and including October 2013 expressed as cases per 100 000

<sup>3</sup> Further data are available from the local Medical Officer of Health



# National Notifiable Disease Surveillance Data October 2013

Disease	Current Year - 2013 <sup>1</sup>			Previous Year - 2012		
	October 2013 Cases	Cumulative total since 1 January	Current 12 Month Rate <sup>2</sup>	October 2012 Cases	Cumulative total since 1 January	Current 12 Month Rate <sup>2</sup>
Campylobacteriosis	653	5207	149.4	663	5602	165.1
Cryptosporidiosis	167	1231	30.6	191	751	19.4
Dengue fever	12	87	2.1	4	69	1.7
Gastroenteritis <sup>3</sup>	45	468	15.0	90	539	14.5
Giardiasis	154	1477	39.0	130	1464	39.0
Haemophilus influenzae type b	2	4	0.1	0	4	0.1
Hepatitis A	16	89	2.1	2	77	1.9
Hepatitis B <sup>4</sup>	9	30	0.9	6	31	0.7
Hepatitis C <sup>4</sup>	7	41	1.1	0	25	0.7
Invasive pneumococcal disease	48	412	10.6	42	429	11.3
Legionellosis	15	114	3.5	7	109	3.4
Leptospirosis	8	61	1.7	8	95	2.5
Listeriosis	1	18	0.5	2	20	0.6
Malaria	2	41	1.2	1	28	0.7
Measles	3	4	0.1	0	68	6.2
Meningococcal disease	6	64	1.6	15	77	2.0
Mumps	1	23	0.6	2	22	0.7
Paratyphoid fever	1	23	0.6	1	19	0.5
Pertussis	259	3199	98.6	537	4728	129.0
Q fever	1	1	0.0	0	0	0.0
Rheumatic fever	17	163	3.9	3	173	4.5
Rickettsial disease	0	7	0.2	0	3	0.1
Rubella	1	3	0.1	1	4	0.1
Salmonellosis	102	952	25.8	91	891	23.5
Shigellosis	10	124	3.1	9	117	3.1
Tuberculosis disease	33	248	6.7	36	244	6.8
Typhoid fever	3	42	1.2	4	33	0.9
VTEC/STEC infection	8	198	5.0	12	122	3.0
Yersiniosis	51	392	10.7	47	431	11.8

<sup>1</sup> These data are provisional

<sup>2</sup> Rate is based on the cumulative total for the current year (12 months up to and including October 2013) or the previous year (12 months up to and including October 2012), expressed as cases per 100 000

<sup>3</sup> Cases of gastroenteritis from a common source or foodborne intoxication

<sup>4</sup> Only acute cases of this disease are currently notifiable

Other notifiable infectious disease reported in October: Barmah Forest virus infection (1), Diphtheria (1), Ross River virus infection (1)

# National Notifiable Disease Surveillance Data – Monthly totals for October 2013 and preceding 12 Months<sup>1</sup>

Disease	Oct 2013	Sep 2013	Aug 2013	Jul 2013	Jun 2013	May 2013	Apr 2013	Mar 2013	Feb 2013	Jan 2013	Dec 2012	Nov 2012
Campylobacteriosis	653	665	637	524	374	396	324	385	514	735	707	707
Cryptosporidiosis	167	184	87	78	67	133	129	187	119	80	30	96
Dengue fever	12	7	9	11	3	14	6	6	6	13	3	4
Gastroenteritis <sup>2</sup>	45	49	79	56	27	37	36	42	39	58	50	146
Giardiasis	154	145	150	136	138	161	163	134	148	148	113	137
Haemophilus influenzae type b	2	0	0	0	0	1	0	0	1	0	0	0
Hepatitis A	16	5	11	12	8	3	18	2	11	3	2	3
Hepatitis B <sup>3</sup>	9	4	3	3	3	2	1	2	0	3	4	4
Hepatitis C <sup>3</sup>	7	2	6	9	1	2	2	6	3	3	4	2
Invasive pneumococcal disease	48	66	47	69	41	34	30	28	22	27	26	34
Legionellosis	15	16	5	14	6	8	9	11	13	17	19	22
Leptospirosis	8	7	5	7	5	9	6	4	3	7	7	6
Listeriosis	1	2	3	1	0	1	0	2	4	4	3	2
Malaria	2	4	6	3	5	2	4	1	7	7	6	4
Measles	3	0	0	0	0	0	0	1	0	0	0	0
Meningococcal disease	6	11	6	14	4	3	7	6	2	5	4	4
Mumps	1	4	1	0	2	2	5	2	3	3	2	2
Paratyphoid fever	1	3	2	2	0	5	2	2	4	2	0	3
Pertussis	259	269	265	297	194	292	269	348	451	555	570	601
Q fever	1	0	0	0	0	0	0	0	0	0	0	0
Rheumatic fever	17	22	27	12	9	20	19	17	15	5	7	5
Rickettsial disease	0	2	0	1	1	1	0	1	1	0	0	1
Rubella	1	0	1	0	1	0	0	0	0	0	0	0
Salmonellosis	102	87	90	71	53	90	108	97	103	151	88	102
Shigellosis	10	9	6	13	15	9	15	15	14	18	6	9
Tuberculosis disease	33	39	16	23	23	28	17	21	18	30	17	32
Typhoid fever	3	0	1	2	5	0	3	3	12	13	4	7
VTEC/STEC infection	8	19	18	4	13	32	44	27	13	20	16	9
Yersiniosis	51	55	40	48	26	28	32	42	28	42	36	47

<sup>1</sup> These data are provisional

<sup>2</sup> Cases of gastroenteritis from a common source or foodborne intoxication

<sup>3</sup> Only acute cases of this disease are currently notifiable