

---

## 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 September 2014. 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 August 2014	5
5. Data tables	6

---

### 1. Key notifiable disease trends

*Campylobacteriosis*: 504 cases of campylobacteriosis were notified in August 2014 compared to 637 cases notified during the same month of the previous year. For the 12 month period ending 31 August 2014, the highest DHB rates were in South Canterbury (315.7 per 100 000 population, 180), West Coast (211.3 per 100 000 population, 69), and Hawke's Bay (202.6 per 100 000 population, 315) compared to a national rate of 152.8 per 100 000 population.

*Cryptosporidiosis*: 49 cases of cryptosporidiosis were notified in August 2014 compared to 87 cases notified during the same month of the previous year. The cases ranged in age from three months to 72 years, with high numbers of cases in the 1–4 years (15 cases), 20–29 years (7 cases) and 30–39 years (6 cases) age groups. The highest number of cases was reported from Waikato DHB (15 cases). Among the cases where risk factor information was recorded, 69.2% (18/26) had contact with farm animals, 48.3% (14/29) had attended school, pre-school or childcare, 39.1% (9/23) had contact with faecal matter, and 35.0% (7/20) had consumed untreated water. One finalised *Cryptosporidium* outbreak (3 cases) was reported in August.

*Chikungunya fever*: One probable case of chikungunya fever was notified in August 2014. The case was a male in the 60–69 years age group from Auckland DHB. The case was in Tonga during the incubation period.

*Cysticercosis*: One confirmed case of cysticercosis was notified in August 2014. The case was a male in the 20–29 years age group from Waikato DHB. Probable sources identified included possible contact with pigs.

*Giardiasis*: 125 cases of giardiasis were notified in August 2014 compared to 150 cases notified during the same month of the previous year. The highest numbers of cases were reported from Waitemata (19 cases), Counties Manukau (15 cases), Waikato (13 cases) and Capital & Coast and Canterbury (10 cases each) DHBs. Among the cases where risk factor information was recorded, 53.2% (25/47) had contact with other symptomatic people, 47.1% (16/34) had consumed food from a food premises, 43.5% (20/46) had contact with faecal matter, and 35.7% (15/42) had recreational contact with water. Six *Giardia* outbreaks were reported in August, including three finalised outbreaks (6 cases) and three interim outbreaks (case numbers yet to be determined).

*Hepatitis not otherwise specified (NOS):* Two confirmed cases of hepatitis NOS were notified in August 2014. Both cases were male and were in the 20–29 years and the 60–69 years age groups. One case was infected with hepatitis E. The cases were from Lakes and Hutt Valley DHBs. One of the cases had travelled to India during the incubation period and the other to Bangkok, Thailand and Cambodia.

*Hydatid disease:* One case of hydatid disease was notified in August 2014. The case was a male in the 50–59 years age group from Tairāwhiti DHB. The case is still under investigation and had no risk factors recorded but old cystic disease was discovered by abdominal ultrasound.

*Invasive pneumococcal disease:* 52 cases of invasive pneumococcal disease were notified in August 2014 compared to 46 cases notified during the same month of the previous year. The highest numbers of cases were reported from Auckland (10 cases), Counties Manukau (9 cases), and Capital & Coast (6 cases) DHBs. The cases ranged in age from four months to 97 years, with the highest numbers of cases in the 70+ years (17 cases) and 60–69 years (11 cases) age groups. Thirty-seven cases were hospitalised and one death from invasive pneumococcal disease was reported. Of the cases where risk factor information was recorded, 34.3% (12/35) had a chronic illness, 25.0% (8/32) were smokers, and 22.2% (8/36) were immunocompromised.

*Salmonellosis:* 65 cases of salmonellosis were notified in August 2014 (two of these cases have since been found not to meet the case criteria after further investigation) compared to 90 cases notified during the same month of the previous year (Figure 1). The highest numbers of cases were reported from Canterbury (12 cases), Waitemata and Auckland (9 cases each) DHBs. The cases ranged in age from 7 months to 78 years, with the highest numbers of cases in the 20–29 years (10 cases), 1–4 years and 30–39 years (9 cases each) age groups. Three cases were hospitalised. Among the cases where risk factor information was recorded, 54.5% (12/22) were overseas during the incubation period, 50.0% (7/14) had consumed water from a non-habitual water supply and 37.5% (6/16) had contact with farm animals. The serotype involved was recorded for 62 (98.4%) cases. The most common serotypes were *Salmonella* Typhimurium phage type 56 variant (7 cases) and *S. Typhimurium* phage type 155 (6 cases). Two interim *Salmonella* outbreaks were reported in August (case numbers yet to be determined).

*Shigellosis:* 14 cases of shigellosis (12 confirmed and 2 probable) were notified in August 2014 compared to six cases were notified in the same month of the previous year (Figure 2). The highest numbers of cases was reported from the Waitemata (4 cases), Capital & Coast and Counties Manukau (3 cases each) DHBs. Six (42.9%) cases had overseas travel information recorded. Of these, four (66.7%) were overseas during the incubation period for the disease. Countries visited included India (2 cases), Cambodia, Indonesia and Viet Nam (1 case each). One of the cases visited more than one country. The serotype involved was recorded for 12 (85.7%) cases: *Shigella sonnei* biotype g (6 cases), *S. sonnei* biotype f (3 cases), *S. flexneri* 2b (2 cases), and *S. sonnei* biotype a (1 case). Two interim *Shigella* outbreaks were reported in August (case numbers yet to be determined).

*Toxic shellfish poisoning:* Two suspect cases of toxic shellfish poisoning were notified in August 2014. Both cases were male and were in the 20–29 years and the 30–39 years age groups. The cases were both from Canterbury DHB. Both cases had collected and consumed mussels.

## 2. Outbreaks

**Table 1. Summary of final outbreaks created in EpiSurv during August 2014**

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
Astrovirus	Canterbury	1	13
<i>Campylobacter</i>	Waikato	1	2
<i>Cryptosporidium</i>	Waikato	1	3
Gastroenteritis	Waitemata, Auckland, Counties Manukau, Waikato, Hawke's Bay, Whanganui, Wairarapa, Hutt Valley, Capital & Coast	13	141
<i>Giardia</i> <sup>2</sup>	Waitemata, Waikato, Southern	3	6
Measles virus <sup>1</sup>	Northland	1	6
Norovirus <sup>1</sup>	Waitemata, Lakes, Whanganui, MidCentral, South Canterbury	6	154
Rotavirus <sup>1</sup>	Waikato, Bay of Plenty, Whanganui, MidCentral	5	79
<b>Total</b>		<b>31</b>	<b>404</b>

<sup>1</sup> Includes outbreaks reported to PHSs prior to August 2014: measles virus, norovirus, and rotavirus (one each reported in July).

<sup>2</sup> Includes outbreaks with overseas transmission: *Giardia* (1 outbreak in Vietnam).

**Table 2. Summary of interim outbreaks created in EpiSurv during August 2014**

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
<i>Campylobacter</i> <sup>1</sup>	Waikato, MidCentral, Canterbury	3	5
Gastroenteritis <sup>1</sup>	Waitemata, Auckland, Counties Manukau, Waikato, Hawke's Bay, MidCentral, Capital & Coast, Canterbury, South Canterbury, Southern	25	128
<i>Giardia</i>	Waitemata, Auckland, Waikato	3	14
Influenza virus <sup>1</sup>	Capital & Coast	1	-
Norovirus	Capital & Coast, Southern	3	125
Rotavirus <sup>1</sup>	MidCentral, Nelson Marlborough	2	-
<i>Salmonella</i> <sup>2</sup>	Waikato, Canterbury	2	6
<i>Shigella</i>	Auckland, Capital & Coast	2	6
<b>Total</b>		<b>41</b>	<b>284</b>

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

<sup>2</sup> Includes outbreaks with overseas transmission: *Shigella* (2 outbreaks one each in Bali and Cambodia).

### 3. Deaths from notifiable diseases

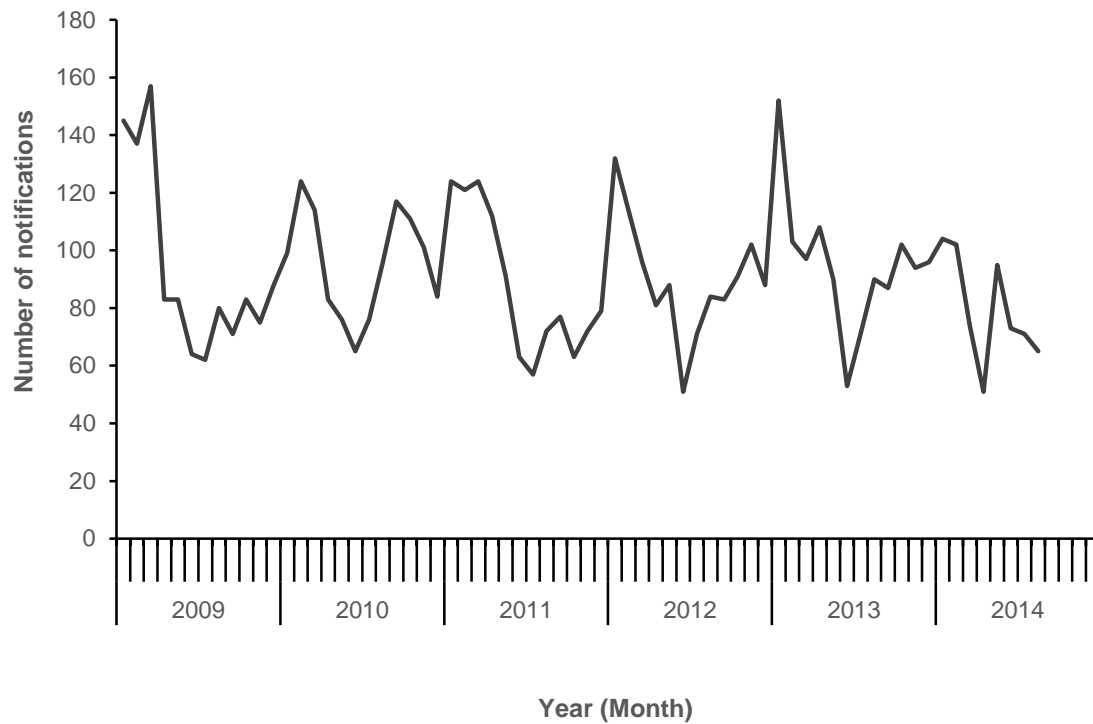
Four deaths, where the primary cause of death was a notifiable disease, were reported in August 2014 (Table 3).

**Table 3. Summary of deaths from notifiable diseases reported during August 2014**

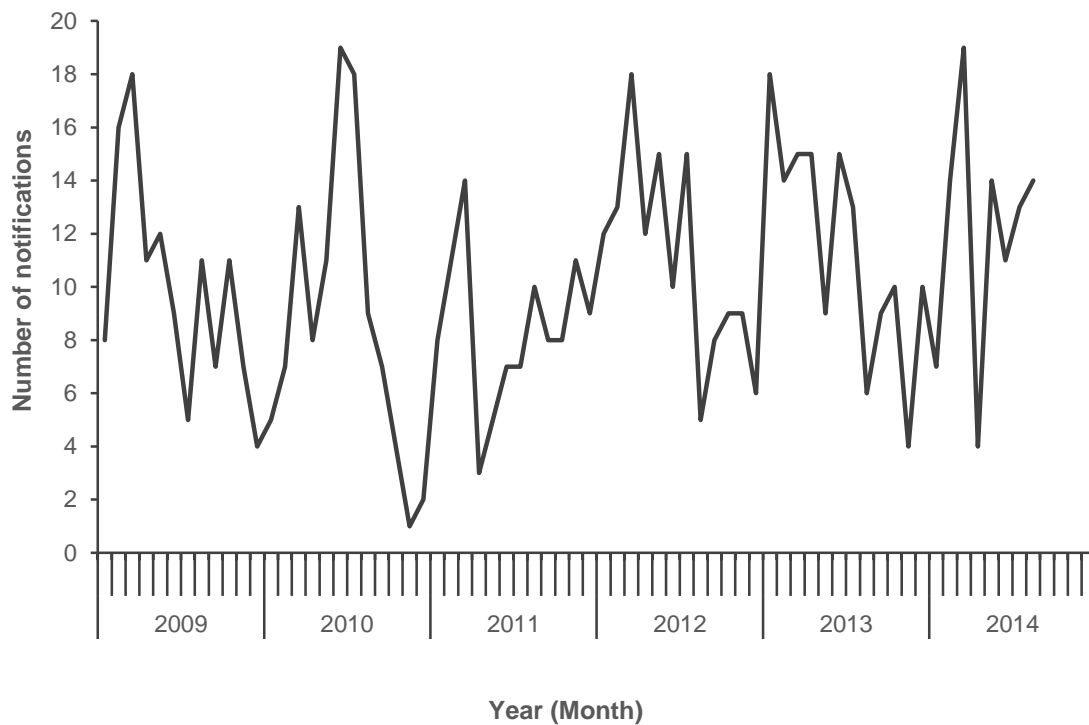
<b>Disease</b>	<b>District health board</b>	<b>Age group (years)</b>
Invasive pneumococcal disease	Counties Manukau	70+
Listeriosis - perinatal	Southern	N/A
Meningococcal disease	Taranaki	30–39
Meningococcal disease	Waitemata	50–59

#### 4. Trends in selected diseases to August 2014

**Figure 1. Salmonellosis notifications by month, January 2009–August 2014**



**Figure 2. Shigellosis notifications by month, January 2009–August 2014**



## 5. Data tables

### National Notifiable Disease Surveillance Data August 2014

Disease	Current Year - 2014 <sup>1</sup>			Previous Year - 2013		
	August 2014 Cases	Cumulative total since 1 January	Current 12 Month Rate <sup>2</sup>	August 2013 Cases	Cumulative total since 1 January	Current 12 Month Rate <sup>2</sup>
Campylobacteriosis	504	3884	152.8	637	3888	145.8
Cryptosporidiosis	49	226	15.5	87	880	30.6
Dengue fever	14	144	4.1	9	67	2.0
Gastroenteritis <sup>3</sup>	65	417	13.5	79	373	15.9
Giardiasis	125	1222	39.6	150	1179	37.2
Haemophilus influenzae type b	5	10	0.2	0	1	0.0
Hepatitis A	9	53	1.7	11	68	1.8
Hepatitis B <sup>4</sup>	5	24	0.8	3	17	0.8
Hepatitis C <sup>4</sup>	7	33	0.9	4	27	0.8
Invasive pneumococcal disease	52	323	11.3	46	297	10.4
Legionellosis	5	74	3.2	5	81	3.1
Leptospirosis	6	41	1.4	5	37	1.5
Listeriosis	1	21	0.6	3	15	0.6
Malaria	6	21	0.7	6	35	1.1
Measles	8	276	6.3	0	1	0.0
Meningococcal disease	10	33	1.2	6	47	1.7
Mumps	6	16	0.5	1	17	0.6
Paratyphoid fever	1	15	0.5	2	19	0.5
Pertussis	81	795	37.3	265	2668	110.4
Rheumatic fever	18	156	5.2	29	123	3.3
Rickettsial disease	0	0	0.1	0	5	0.1
Rubella	0	4	0.1	1	1	0.0
Salmonellosis	65	635	22.7	90	764	25.2
Shigellosis	14	96	2.9	6	105	3.1
Tuberculosis disease	33	212	7.2	14	167	6.1
Typhoid fever	2	31	0.9	1	39	1.2
VTEC/STEC infection	20	138	3.9	18	170	4.8
Yersiniosis	31	267	10.4	40	286	10.3

Under investigation cases are included

<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 August 2014) or the previous year (12 months up to and including August 2013), 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 August: Chikungunya fever (1), Cysticercosis (1), Hepatitis NOS (2), Hydatid disease (1), Toxic shellfish poisoning (2)

## Notifiable Disease Surveillance Data by District Health Board August 2014

		Cases <sup>1</sup> and current rate <sup>2</sup> for August 2014 by District Health Board <sup>3</sup>																			
		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
Disease																					
Campylobacteriosis	Cases	21	50	39	32	90	17	20	3	10	26	9	28	12	48	5	13	4	36	1	40
	Rate	135.4	129.1	120.5	100.7	202.5	168.0	140.0	164.9	177.1	202.6	158.6	176.8	115.4	156.7	169.7	156.4	211.3	159.8	315.7	196.9
Cryptosporidiosis	Cases	3	2	3	6	15	0	2	0	3	2	0	3	0	3	1	0	0	2	1	3
	Rate	18.3	10.1	7.7	4.8	30.6	11.7	9.4	10.7	15.4	18.7	11.2	14.1	6.3	10.0	24.6	12.7	24.5	27.8	50.9	23.9
Dengue fever	Cases	0	3	5	1	1	0	0	0	0	0	0	0	1	2	0	0	0	1	0	0
	Rate	2.5	5.3	10.0	8.3	1.9	3.9	5.2	0.0	0.0	2.6	1.6	0.6	3.5	2.7	0.0	0.7	0.0	2.6	1.8	1.0
Gastroenteritis	Cases	0	2	5	4	1	1	0	0	0	0	2	11	9	25	1	2	0	2	0	0
	Rate	1.9	12.3	16.2	6.4	5.9	7.8	10.3	0.0	5.4	0.0	41.7	58.9	36.1	40.7	12.3	2.8	27.6	6.3	1.8	3.9
Giardiasis	Cases	2	19	9	15	13	5	6	2	2	7	1	1	4	10	2	8	0	10	1	8
	Rate	36.5	40.9	41.9	33.2	48.0	67.0	50.3	47.1	33.4	56.0	25.6	18.3	29.2	45.0	46.7	37.5	21.4	33.7	38.6	38.7
Haemophilus influenzae type b	Cases	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.4	0.4	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0
Hepatitis A	Cases	0	2	1	3	0	0	1	0	0	1	0	0	0	0	0	0	0	1	0	0
	Rate	2.5	2.8	1.9	3.1	0.3	0.0	0.9	0.0	0.0	4.5	1.6	0.6	4.9	0.7	0.0	0.0	0.0	2.0	0.0	0.0
Hepatitis B	Cases	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
	Rate	1.9	0.9	0.4	0.8	1.3	0.0	0.5	0.0	0.0	1.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	1.0
Hepatitis C	Cases	1	0	0	0	0	0	0	0	0	0	0	0	1	3	0	1	0	1	0	0
	Rate	3.1	0.2	0.9	0.2	0.0	0.0	0.0	0.0	2.7	1.3	3.2	0.0	3.5	1.7	0.0	2.1	0.0	1.2	0.0	1.6
Invasive pneumococcal	Cases	2	4	10	9	3	2	3	0	4	1	1	2	1	6	0	0	0	1	1	2
	Rate	11.3	8.9	13.3	13.2	11.5	27.2	16.9	4.3	11.7	12.9	16.0	15.9	9.7	9.7	14.8	5.0	9.2	9.1	5.3	6.5
Legionellosis	Cases	1	0	0	1	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0
	Rate	3.8	3.6	1.3	3.1	1.1	1.0	0.9	0.0	2.7	0.6	0.0	6.5	1.4	0.3	0.0	1.4	21.4	10.4	3.5	2.3
Leptospirosis	Cases	1	0	0	0	0	1	0	0	1	1	0	1	0	0	0	0	0	1	0	0
	Rate	2.5	0.2	0.0	0.4	1.1	3.9	0.9	0.0	5.4	12.2	3.2	3.5	0.0	0.0	4.9	0.7	3.1	0.6	7.0	0.6
Listeriosis	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Rate	0.6	0.4	1.1	1.2	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.8	0.7	0.3	0.0	0.0	0.0	0.0	0.0	1.0
Malaria	Cases	0	0	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	Rate	0.0	0.4	2.1	0.8	0.8	0.0	0.5	0.0	0.9	0.0	1.6	0.6	2.1	0.3	0.0	0.7	0.0	0.8	0.0	0.3
Measles	Cases	5	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	Rate	3.8	11.2	4.5	5.6	33.5	13.6	1.9	4.3	0.9	8.4	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.2	0.0	0.0
Meningococcal disease	Cases	0	1	1	0	1	0	0	1	1	0	0	0	0	0	2	0	0	3	0	0
	Rate	1.9	1.1	0.9	1.6	1.3	0.0	1.4	2.1	0.9	2.6	0.0	1.2	0.7	1.0	4.9	0.7	0.0	1.2	1.8	1.0
Mumps	Cases	0	1	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1
	Rate	0.6	0.7	1.1	0.4	0.3	0.0	0.5	2.1	0.0	0.6	0.0	0.6	0.7	0.0	0.0	0.7	0.0	0.2	1.8	0.3
Paratyphoid 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	0.5	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.6	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.8	0.0	1.0
Pertussis	Cases	0	21	6	9	8	0	2	3	0	1	0	1	2	12	0	5	0	8	0	3
	Rate	37.8	36.8	26.5	45.2	43.5	21.4	25.4	42.8	24.4	21.2	3.2	5.9	36.8	38.0	2.5	118.2	119.4	48.1	26.3	25.8
Q fever	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	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	0.0
Rheumatic fever	Cases	1	1	1	9	3	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0
	Rate	11.3	2.0	4.9	19.6	5.9	5.8	4.2	21.4	0.0	3.9	1.6	0.6	4.9	3.7	0.0	0.0	3.1	1.4	0.0	0.0
Rickettsial disease	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.0	0.2	0.2	0.5	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
Rubella	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.0	0.6	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	0.0	0.0	0.0
Salmonellosis	Cases	1	10	9	6	4	1	2	1	1	2	3	0	2	0	0	5	0	12	0	6
	Rate	23.9	24.5	25.2	15.5	19.3	16.5	21.1	36.4	10.8	18.0	12.8	15.9	15.3	17.3	22.1	20.5	15.3	27.8	31.6	44.2
Shigellosis	Cases	1	4	2	3	0	0	0	0	0	1	0	0	0	3	0	0	0	0	0	0
	Rate	1.3	2.8	7.3	5.6	2.4	1.0	0.0	0.0	1.8	1.3	0.0	0.6	0.7	3.3	0.0	0.0	0.0	1.0	7.0	3.9
Tuberculosis disease	Cases	1	3	7	4	1	1	2	0	0	0	0	3	1	5	1	1	0	3	0	0
	Rate	3.1	4.6	13.0	13.4	6.7	4.9	5.2	2.1	2.7	2.6	3.2	8.8	3.5	15.3	7.4	2.8	3.1	4.9	3.5	2.3
Typhoid fever	Cases	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
	Rate	0.6	0.5	2.4	2.5	0.3	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.0	0.7	0.0	0.6	0.0	0.3
VTEC/STEC infection	Cases	0	1	0	2	6	3	0	0	2	0	0	0	1	2	1	0	0	1	0	1
	Rate	6.3	2.5	3.0	3.3	9.1	4.9	5.6	0.0	6.3	1.9	3.2	1.2	2.1	2.0	2.5	1.4	0.0	5.1	8.8	3.2
Yersiniosis	Cases	0	2	3	4	3	0	5	0	1	0	0	1	0	4	0	1	0	6	0	1
	Rate	6.3	8.0	10.7	8.7	11.3	20.4	13.2	15.0	9.0	5.8	3.2	8.3	9.0	17.3	2.5	0.7	6.1	17.5	7.0	6.8

<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 August 2014 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 August 2014

Cases<sup>1</sup> and current rate<sup>2</sup> for August 2014 by District Health Board<sup>3</sup>

Disease		Northland	Waitemata	Auckland	Counties Manukau	Waikato	Lakes	Bay of Plenty	Tairāwhiti	Taranaki	Hawke's Bay	Whanganui	Mid-central	Hutt Valley	Capital and Coast	Wairarapa	Nelson Marlborough	West Coast	Canterbury	South Canterbury	Southern
Campylobacteriosis	Cases	21	50	39	32	90	17	20	3	10	26	9	28	12	48	5	13	4	36	1	40
	Rate	135.4	129.1	120.5	100.7	202.5	168.0	140.0	164.9	177.1	202.6	158.6	176.8	115.4	156.7	169.7	156.4	211.3	159.8	315.7	196.9
Cryptosporidiosis	Cases	3	2	3	6	15	0	2	0	3	2	0	3	0	3	1	0	0	2	1	3
	Rate	18.3	10.1	7.7	4.8	30.6	11.7	9.4	10.7	15.4	18.7	11.2	14.1	6.3	10.0	24.6	12.7	24.5	27.8	50.9	23.9
Dengue fever	Cases	0	3	5	1	1	0	0	0	0	0	0	0	1	2	0	0	0	1	0	0
	Rate	2.5	5.3	10.0	8.3	1.9	3.9	5.2	0.0	0.0	2.6	1.6	0.6	3.5	2.7	0.0	0.7	0.0	2.6	1.8	1.0
Gastroenteritis	Cases	0	2	5	4	1	1	0	0	0	0	2	11	9	25	1	2	0	2	0	0
	Rate	1.9	12.3	16.2	6.4	5.9	7.8	10.3	0.0	5.4	0.0	41.7	58.9	36.1	40.7	12.3	2.8	27.6	6.3	1.8	3.9
Giardiasis	Cases	2	19	9	15	13	5	6	2	2	7	1	1	4	10	2	8	0	10	1	8
	Rate	36.5	40.9	41.9	33.2	48.0	67.0	50.3	47.1	33.4	56.0	25.6	18.3	29.2	45.0	46.7	37.5	21.4	33.7	38.6	38.7
Haemophilus influenzae type b	Cases	0	0	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.4	0.4	0.8	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0
Hepatitis A	Cases	0	2	1	3	0	0	1	0	0	1	0	0	0	0	0	0	0	1	0	0
	Rate	2.5	2.8	1.9	3.1	0.3	0.0	0.9	0.0	0.0	4.5	1.6	0.6	4.9	0.7	0.0	0.0	0.0	2.0	0.0	0.0
Hepatitis B	Cases	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
	Rate	1.9	0.9	0.4	0.8	1.3	0.0	0.5	0.0	0.0	1.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	1.8	0.0	1.0
Hepatitis C	Cases	1	0	0	0	0	0	0	0	0	0	0	0	1	3	0	1	0	1	0	0
	Rate	3.1	0.2	0.9	0.2	0.0	0.0	0.0	0.0	2.7	1.3	3.2	0.0	3.5	1.7	0.0	2.1	0.0	1.2	0.0	1.6
Invasive pneumococcal disease	Cases	2	4	10	9	3	2	3	0	4	1	1	2	1	6	0	0	0	1	1	2
	Rate	11.3	8.9	13.3	13.2	11.5	27.2	16.9	4.3	11.7	12.9	16.0	15.9	9.7	9.7	14.8	5.0	9.2	9.1	5.3	6.5
Legionellosis	Cases	1	0	0	1	0	0	0	0	0	0	0	2	0	0	0	1	0	0	0	0
	Rate	3.8	3.6	1.3	3.1	1.1	1.0	0.9	0.0	2.7	0.6	0.0	6.5	1.4	0.3	0.0	1.4	21.4	10.4	3.5	2.3
Leptospirosis	Cases	1	0	0	0	0	1	0	0	1	1	0	1	0	0	0	0	0	1	0	0
	Rate	2.5	0.2	0.0	0.4	1.1	3.9	0.9	0.0	5.4	12.2	3.2	3.5	0.0	0.0	4.9	0.7	3.1	0.6	7.0	0.6
Listeriosis	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Rate	0.6	0.4	1.1	1.2	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.8	0.7	0.3	0.0	0.0	0.0	0.0	0.0	1.0
Malaria	Cases	0	0	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	Rate	0.0	0.4	2.1	0.8	0.8	0.0	0.5	0.0	0.9	0.0	1.6	0.6	2.1	0.3	0.0	0.7	0.0	0.8	0.0	0.3
Measles	Cases	5	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	Rate	3.8	11.2	4.5	5.6	33.5	13.6	1.9	4.3	0.9	8.4	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.2	0.0	0.0
Meningococcal disease	Cases	0	1	1	0	1	0	0	1	1	0	0	0	0	0	2	0	0	3	0	0
	Rate	1.9	1.1	0.9	1.6	1.3	0.0	1.4	2.1	0.9	2.6	0.0	1.2	0.7	1.0	4.9	0.7	0.0	1.2	1.8	1.0
Mumps	Cases	0	1	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1
	Rate	0.6	0.7	1.1	0.4	0.3	0.0	0.5	2.1	0.0	0.6	0.0	0.6	0.7	0.0	0.0	0.7	0.0	0.2	1.8	0.3
Paratyphoid 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	0.5	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.6	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.8	0.0	1.0
Pertussis	Cases	0	21	6	9	8	0	2	3	0	1	0	1	2	12	0	5	0	8	0	3
	Rate	37.8	36.8	26.5	45.2	43.5	21.4	25.4	42.8	24.4	21.2	3.2	5.9	36.8	38.0	2.5	118.2	119.4	48.1	26.3	25.8
Q fever	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	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	0.0
Rheumatic fever	Cases	1	1	1	9	3	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0
	Rate	11.3	2.0	4.9	19.6	5.9	5.8	4.2	21.4	0.0	3.9	1.6	0.6	4.9	3.7	0.0	0.0	3.1	1.4	0.0	0.0
Rickettsial disease	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.0	0.2	0.2	0.5	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
Rubella	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.0	0.6	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	0.0	0.0	0.0
Salmonellosis	Cases	1	10	9	6	4	1	2	1	1	2	3	0	2	0	0	5	0	12	0	6
	Rate	23.9	24.5	25.2	15.5	19.3	16.5	21.1	36.4	10.8	18.0	12.8	15.9	15.3	17.7	22.1	20.5	15.3	27.8	31.6	44.2
Shigellosis	Cases	1	4	2	3	0	0	0	0	0	1	0	0	0	3	0	0	0	0	0	0
	Rate	1.3	2.8	7.3	5.6	2.4	1.0	0.0	0.0	1.8	1.3	0.0	0.6	0.7	3.3	0.0	0.0	0.0	1.0	7.0	3.9
Tuberculosis disease	Cases	1	3	7	4	1	1	2	0	0	0	0	3	1	5	1	1	0	3	0	0
	Rate	3.1	4.6	13.0	13.4	6.7	4.9	5.2	2.1	2.7	2.6	3.2	8.8	3.5	15.3	7.4	2.8	3.1	4.9	3.5	2.3
Typhoid fever	Cases	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
	Rate	0.6	0.5	2.4	2.5	0.3	0.0	2.3	0.0	0.0	0.0	0.0	0.0	0.7	0.7	0.0	0.7	0.0	0.6	0.0	0.3
VTEC/STEC infection	Cases	0	1	0	2	6	3	0	0	2	0	0	0	1	2	1	0	0	1	0	1
	Rate	6.3	2.5	3.0	3.3	9.1	4.9	5.6	0.0	6.3	1.9	3.2	1.2	2.1	2.0	2.5	1.4	0.0	5.1	8.8	3.2
Yersiniosis	Cases	0	2	3	4	3	0	5	0	1	0	0	1	0	4	0	1	0	6	0	1
	Rate	6.3	8.0	10.7	8.7	11.3	20.4	13.2	15.0	9.0	5.8	3.2	8.3	9.0	17.3	2.5	0.7	6.1	17.5	7.0	6.8

<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 August 2014 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 August 2014

Disease	Current Year - 2014 <sup>1</sup>			Previous Year - 2013		
	August 2014 Cases	Cumulative total since 1 January	Current 12 Month Rate <sup>2</sup>	August 2013 Cases	Cumulative total since 1 January	Current 12 Month Rate <sup>2</sup>
Campylobacteriosis	504	3884	152.8	637	3888	145.8
Cryptosporidiosis	49	226	15.5	87	880	30.6
Dengue fever	14	144	4.1	9	67	2.0
Gastroenteritis <sup>3</sup>	65	417	13.5	79	373	15.9
Giardiasis	125	1222	39.6	150	1179	37.2
Haemophilus influenzae type b	5	10	0.2	0	1	0.0
Hepatitis A	9	53	1.7	11	68	1.8
Hepatitis B <sup>4</sup>	5	24	0.8	3	17	0.8
Hepatitis C <sup>4</sup>	7	33	0.9	4	27	0.8
Invasive pneumococcal disease	52	323	11.3	46	297	10.4
Legionellosis	5	74	3.2	5	81	3.1
Leptospirosis	6	41	1.4	5	37	1.5
Listeriosis	1	21	0.6	3	15	0.6
Malaria	6	21	0.7	6	35	1.1
Measles	8	276	6.3	0	1	0.0
Meningococcal disease	10	33	1.2	6	47	1.7
Mumps	6	16	0.5	1	17	0.6
Paratyphoid fever	1	15	0.5	2	19	0.5
Pertussis	81	795	37.3	265	2668	110.4
Rheumatic fever	18	156	5.2	29	123	3.3
Rickettsial disease	0	0	0.1	0	5	0.1
Rubella	0	4	0.1	1	1	0.0
Salmonellosis	65	635	22.7	90	764	25.2
Shigellosis	14	96	2.9	6	105	3.1
Tuberculosis disease	33	212	7.2	14	167	6.1
Typhoid fever	2	31	0.9	1	39	1.2
VTEC/STEC infection	20	138	3.9	18	170	4.8
Yersiniosis	31	267	10.4	40	286	10.3

Under investigation cases are included

<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 August 2014) or the previous year (12 months up to and including August 2013), 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 August: Chikungunya fever (1), Cysticercosis (1), Hepatitis NOS (2), Hydatid disease (1), Toxic shellfish poisoning (2)

# National Notifiable Disease Surveillance Data – Monthly totals for August 2014 and preceding 12 Months<sup>1</sup>

Disease	Aug 2014	Jul 2014	Jun 2014	May 2014	Apr 2014	Mar 2014	Feb 2014	Jan 2014	Dec 2013	Nov 2013	Oct 2013	Sep 2013
Campylobacteriosis	504	380	388	394	401	509	534	774	899	731	656	663
Cryptosporidiosis	49	25	22	30	18	21	25	36	32	85	167	184
Dengue fever	14	14	11	19	18	29	17	22	9	10	13	7
Gastroenteritis <sup>2</sup>	65	52	44	37	49	73	47	50	44	50	44	47
Giardiasis	125	156	157	195	114	157	144	174	145	106	154	145
Haemophilus influenzae type b	5	2	1	0	1	0	1	0	0	1	0	0
Hepatitis A	9	2	1	2	1	10	18	10	2	1	15	5
Hepatitis B <sup>3</sup>	5	4	2	5	1	3	1	3	4	0	4	3
Hepatitis C <sup>3</sup>	7	4	5	5	3	2	3	4	4	2	2	1
Invasive pneumococcal disease	52	66	54	36	38	36	15	26	37	34	47	64
Legionellosis	5	17	7	10	8	5	9	13	22	18	15	15
Leptospirosis	6	12	5	5	5	2	4	2	2	11	3	6
Listeriosis	1	4	4	1	3	3	2	3	1	0	1	2
Malaria	6	4	3	1	2	2	1	2	2	4	2	4
Measles	8	38	98	11	10	50	39	22	6	0	1	0
Meningococcal disease	10	4	4	8	2	2	1	2	3	2	5	11
Mumps	6	3	1	0	0	5	0	1	1	2	0	3
Paratyphoid fever	1	1	1	3	2	3	1	3	0	2	1	3
Pertussis	81	93	87	91	81	89	103	170	158	208	244	262
Rheumatic fever	18	36	16	20	12	18	17	19	27	13	16	22
Rickettsial disease	0	0	0	0	0	0	0	0	1	1	0	2
Rubella	0	3	0	0	0	0	0	1	0	0	0	0
Salmonellosis	65	71	73	95	51	74	102	104	96	94	102	87
Shigellosis	14	13	11	14	4	19	14	7	9	4	10	9
Tuberculosis disease	33	21	17	25	27	39	18	32	24	22	29	33
Typhoid fever	2	5	4	1	1	7	4	7	5	3	3	0
VTEC/STEC infection	20	8	11	22	22	34	10	11	4	6	7	18
Yersiniosis	31	35	31	20	27	33	36	54	36	61	45	57

<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