

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 7 April 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.

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1. Key notifiable disease trends

Giardiasis: 156 cases were notified in March 2014 compared to 145 cases notified during the previous month 134 cases notified during the same month of the previous year. The highest number of cases were reported from Waitemata DHB (23 cases), followed by Auckland and Canterbury (17 cases each) DHBs. Of the cases for which risk factor information was recorded, 54.3% (38/70) had recreational contact with water, 44.8% (26/58) had consumed food from a retail premises, 44.4% (24/54) had consumed water from an untreated supply, 34.8% (23/66) had contact with faecal matter, and 34.8% (23/66) had contact with other symptomatic people. Four finalised *Giardia* outbreaks (10 cases) were reported in March (Table 1).

Hepatitis not otherwise specified (NOS): One confirmed case was notified in March 2014. The case was a female in the 60–69 years age group from Waitemata DHB. The case was laboratory confirmed as hepatitis E.

Invasive pneumococcal disease: 36 cases were notified in March 2014 compared to 15 cases notified during the previous month and 28 cases notified during the same month of the previous year (Figure 1). The highest number of cases was reported from Counties Manukau DHB (7 cases), followed by Bay of Plenty (4 cases) DHB. The age range for cases was 17 months–89 years, with the highest numbers reported in the 70+ years (9 cases) and 60–69 years (7 cases) age groups. Twenty-six cases were hospitalised and one death (Table 3) from invasive pneumococcal disease was reported. Of the cases for which risk factor information was recorded, 60.0% (15/25) had a chronic illness, 33.3% (7/21) were smokers, 17.4% (4/23) were immunocompromised, and 12.0% (3/25) had chronic lung disease or cystic fibrosis.

Listeriosis: Three cases of listeriosis (2 perinatal and 1 non-perinatal) were notified in March 2014. The mothers of the perinatal cases were from the Māori and Pacific Peoples ethnic groups, in the 30–39 years age group from Counties Manukau and MidCentral DHBs. Both babies survived after delivery at 34 and 39 weeks gestation. For one case the serotype of *Listeria monocytogenes* was identified as serotype 4. Raw and precooked fish and shellfish were identified as a probable source of infection. The non-perinatal case was a male in the 60–69 years age group from Capital & Coast DHB. The case was reported to have an underlying illness.

Paralytic shellfish poisoning: One probable case was notified in March 2014. The case was a male in the 40–49 years age group from Northland DHB. The case had collected and consumed scallops.

Q fever: Two cases of Q fever were notified in March 2014. These cases have since been found to not meet the case criteria after further investigation.

Ross River virus infection: One confirmed case was notified in March 2014. The case was a male in the 60–69 years age group from Waitemata DHB and was in the Cook Islands during the incubation period.

Tuberculosis disease: 43 cases of tuberculosis disease (all new cases) were notified in March 2014 compared to 18 cases notified during the previous month and 21 cases notified during the same month of the previous year. Thirty cases were laboratory confirmed. 55.0% (22/40) of cases were from the Asian ethnic group. The highest number of cases was reported from Counties Manukau DHB (14 cases), followed by Auckland DHB (10 cases). The age range for cases was 3–84 years, with the highest number of cases in the 30–39 years (10 cases) age group. 77.1% (27/35) of cases were born outside of New Zealand. The *Mycobacterium* species was recorded in 70.0% (21/30) of the laboratory confirmed cases, all were infected with *M. tuberculosis*.

VTEC/STEC infection: 35 cases were notified in March 2014 compared to 10 cases notified during the previous month and 26 cases notified during the same month of the previous year (Figure 2). The highest numbers of cases were reported from Auckland and Waikato DHBs (8 cases each). The highest number of cases was recorded in the 1–4 years (15 cases) age group, followed by the 20–29 years (6 cases) age group. 26 cases were confirmed by the Enteric Reference Laboratory as being infected with VTEC/STEC. The serotype was identified as O157:H7 for all 26 cases. Of the cases for which risk factor information was recorded, 64.3% (9/14) had contact with animals, 35.7% (5/14) had contact with a person with similar symptoms, 33.3% (4/12) had contact with children in nappies, 33.3% (5/15) had recreational contact with water, and 18.8% (3/16) had attended school, pre-school or childcare. Two finalised *E. coli* O157:H7 outbreaks (6 cases) and two interim outbreaks (9 cases) were reported in March (Table 1 & 2).

Zika virus: Three probable cases were notified in March 2014. The cases were all males in the 15–19 years, 40–49 years, 50–59 years age groups from Taranaki (2 cases) and Waitemata (1 case) DHBs. All three cases were in the Cook Islands during the incubation period.

2. Outbreaks

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

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
<i>Bordetella pertussis</i>	Waikato	1	5
<i>Cryptosporidium</i> ¹	Waitemata, Waikato	2	6
<i>Escherichia coli</i> O157:H7	Waitemata, Waikato	2	6
Gastroenteritis	Waitemata, Auckland, Waikato, Taranaki, MidCentral, Hutt Valley, Capital & Coast, Canterbury	15	240
<i>Giardia</i>	Waitemata, Auckland, Waikato	4	10
Norovirus	Waitemata, Auckland, Waikato, Bay of Plenty, Taranaki, MidCentral, Hutt Valley, Capital & Coast, Nelson Marlborough, Canterbury	22	481
<i>Shigella</i>	Auckland	1	2
Total		47	750

¹ Includes one *Cryptosporidium* outbreak reported to PHSs prior to March 2014, reported in February 2014.

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

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
<i>Campylobacter</i>	South Canterbury	1	14
<i>Escherichia coli</i> O157:H7 ¹	Waitemata, Auckland	2	9
Gastroenteritis ²	Northland, Waitemata, Auckland, Counties Manukau, Waikato, Bay of Plenty, Taranaki, Hawke's Bay, Whanganui, MidCentral, Hutt Valley, Capital & Coast, Nelson Marlborough, Canterbury, Southern	52	207
Measles virus ²	Waitemata, Counties Manukau	2	-
Norovirus ^{1,2}	Waitemata, Auckland, Taranaki, Whanganui, Nelson Marlborough, Canterbury, Southern	15	143
<i>Shigella</i>	Auckland	1	4
Total		72	372

¹ Outbreak involved more than one pathogen therefore individual pathogen outbreak numbers may not sum to group totals.

² 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 March 2014 (Table 3).

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

Disease	District health board	Age group (years)
Invasive pneumococcal disease	Waitemata	70+

4. Trends in selected diseases to March 2014

Figure 1. Invasive pneumococcal disease notifications by month, January 2009–March 2014

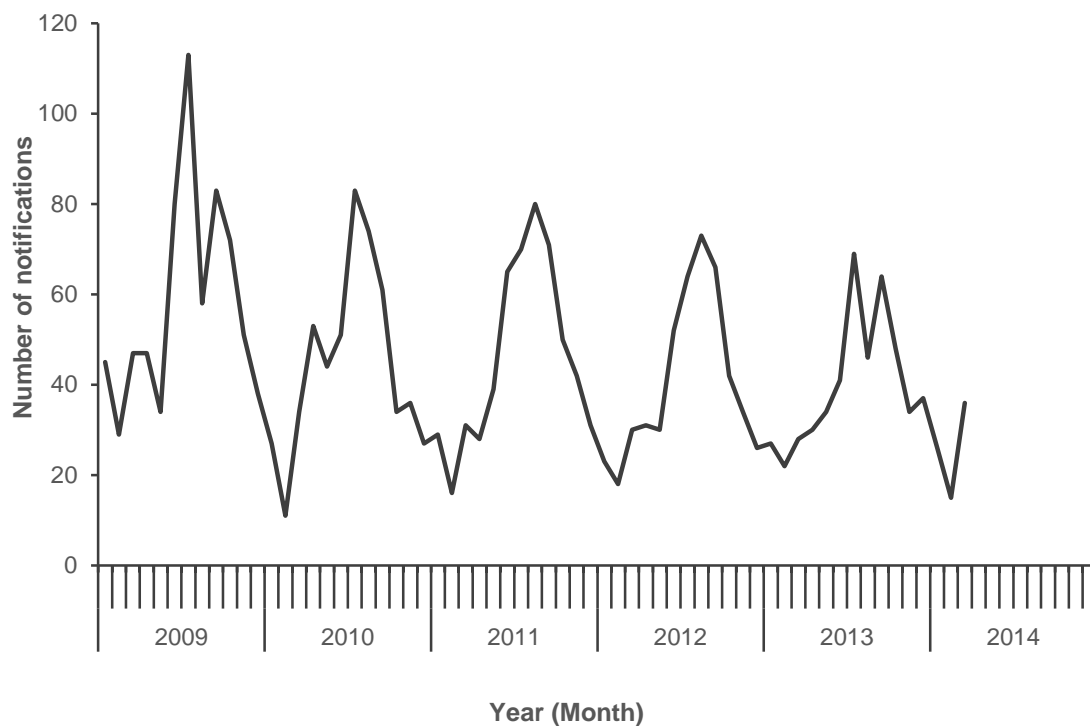
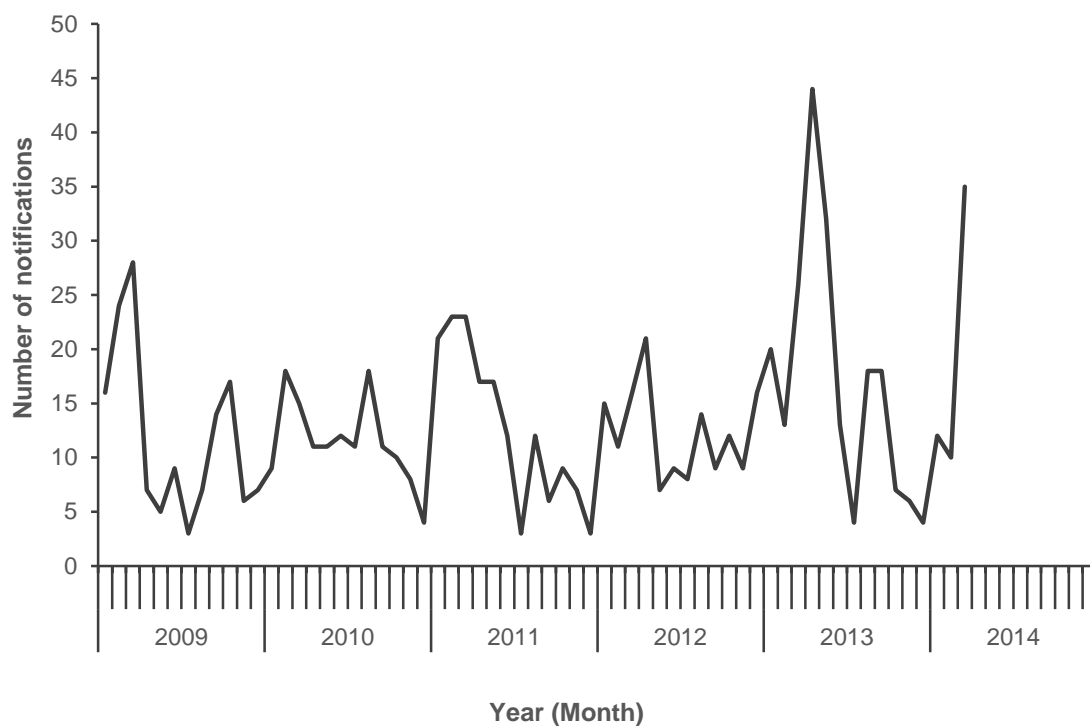


Figure 2. VTEC/STEC infection notifications by month, January 2009–March 2014



5. Data tables

National Notifiable Disease Surveillance Data March 2014

Disease	Current Year - 2014 ¹			Previous Year - 2013		
	March 2014 Cases	Cumulative total since 1 January	Current 12 Month Rate ²	March 2013 Cases	Cumulative total since 1 January	Current 12 Month Rate ²
Campylobacteriosis	511	1819	157.1	385	1634	145.2
Cryptosporidiosis	22	83	23.4	187	386	26.0
Dengue fever	41	80	3.6	5	24	1.9
Gastroenteritis ³	65	163	13.0	42	139	16.2
Giardiasis	156	475	39.7	134	430	36.9
<i>Haemophilus influenzae</i> type b	1	3	0.1	0	0	0.1
Hepatitis A	10	38	2.5	2	16	1.0
Hepatitis B ⁴	3	8	0.7	2	5	0.8
Hepatitis C ⁴	5	15	0.9	5	11	0.8
Invasive pneumococcal disease	36	77	10.7	28	77	11.2
Legionellosis	9	32	3.2	11	41	3.2
Leptospirosis	4	11	1.3	3	11	2.3
Listeriosis	3	8	0.4	2	10	0.7
Malaria	2	5	0.8	1	15	1.1
Measles	52	113	2.7	1	1	0.3
Meningococcal disease	3	6	1.4	6	13	1.9
Mumps	8	11	0.6	2	8	0.6
Paratyphoid fever	3	7	0.5	2	8	0.5
Pertussis	99	373	57.2	348	1354	135.6
Q fever	2	2	0.0	0	0	0.0
Rheumatic fever	22	57	4.9	17	37	4.0
Rickettsial disease	0	0	0.2	1	2	0.1
Rubella	1	2	0.1	0	0	0.0
Salmonellosis	77	283	24.0	97	352	24.6
Shigellosis	19	40	2.9	15	47	3.1
Tuberculosis disease	43	94	6.8	21	68	6.6
Typhoid fever	6	18	0.9	3	28	1.4
VTEC/STEC infection	35	57	4.5	26	59	3.7
Yersiniosis	33	123	11.0	42	112	11.4

¹ These data are provisional

² Rate is based on the cumulative total for the current year (12 months up to and including March 2014) or the previous

³ Cases of gastroenteritis from a common source or foodborne intoxication

⁴ Only acute cases of this disease are currently notifiable

Other notifiable infectious disease reported in March: Hepatitis NOS (1), Paralytic shellfish poisoning (1), Ross River virus infection (1), Zika virus (3)

Notifiable Disease Surveillance Data by District Health Board March 2014

		Cases ¹ and current rate ² for March 2014 by District Health Board ³																			
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	8	52	35	31	56	10	22	4	13	28	3	26	12	47	3	16	1	53	33	58
	Rate	136.7	137.3	130.4	108.2	205.5	169.9	140.4	182.0	202.3	213.6	166.7	178.6	111.2	153.4	196.8	140.1	217.5	163.6	331.5	190.1
Cryptosporidiosis	Cases	0	2	1	0	2	0	0	1	0	5	0	0	1	2	1	2	0	2	2	1
	Rate	18.3	20.3	16.7	9.5	39.2	35.9	13.6	8.6	29.8	29.6	20.8	21.2	22.2	23.0	27.1	12.7	24.5	34.7	64.9	25.8
Dengue fever	Cases	0	12	9	10	1	2	0	0	0	3	0	0	0	0	1	2	0	0	1	0
	Rate	3.8	5.2	9.2	6.6	1.1	3.9	2.8	0.0	0.9	2.6	1.6	0.0	3.5	2.3	2.5	2.8	0.0	1.6	3.5	1.0
Gastroenteritis	Cases	1	9	9	1	4	0	6	0	0	0	5	13	2	6	1	0	0	7	1	0
	Rate	4.4	13.7	15.8	6.6	6.4	8.7	12.2	0.0	7.2	0.6	28.8	43.0	47.9	34.0	14.8	2.1	24.5	5.5	1.8	4.5
Giardiasis	Cases	2	23	17	9	13	11	9	1	2	10	4	4	5	8	2	3	2	17	1	13
	Rate	28.3	37.0	43.0	34.9	47.2	60.2	45.6	30.0	47.9	48.2	20.8	23.6	31.3	51.3	51.6	46.7	33.7	33.9	31.6	39.7
<i>Haemophilus influenzae</i> type b	Cases	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.2	0.0	0.3
Hepatitis A	Cases	0	3	1	3	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0
	Rate	2.5	2.7	1.9	2.5	0.3	0.0	0.5	0.0	0.0	4.5	1.6	1.2	4.9	0.7	0.0	0.7	0.0	9.1	1.8	1.0
Hepatitis B	Cases	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
	Rate	1.3	0.4	0.6	0.6	1.6	0.0	0.5	0.0	0.0	0.0	3.2	0.0	0.7	0.3	0.0	0.0	3.1	1.0	0.0	1.3
Hepatitis C	Cases	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1
	Rate	2.5	0.2	0.6	0.2	0.0	0.0	0.0	0.0	1.8	0.0	3.2	0.0	2.8	0.3	0.0	0.7	0.0	2.8	0.0	2.6
Invasive pneumococcal disease	Cases	0	3	3	7	2	3	4	0	2	2	0	3	1	1	0	2	0	2	1	0
	Rate	10.1	9.1	8.8	13.0	11.0	26.2	18.3	10.7	8.1	14.8	17.6	10.6	8.3	8.3	9.8	10.6	18.4	7.9	10.5	7.7
Legionellosis	Cases	4	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	1	0	1
	Rate	6.3	5.0	1.5	3.1	0.5	1.0	1.4	0.0	1.8	1.3	0.0	2.9	0.7	0.3	0.0	0.7	15.3	9.9	3.5	2.6
Leptospirosis	Cases	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	0	0	0
	Rate	1.3	0.2	0.2	0.4	1.3	1.9	2.8	0.0	5.4	7.7	0.0	2.9	0.0	0.0	7.4	2.1	3.1	0.6	7.0	1.0
Listeriosis	Cases	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
	Rate	0.6	0.4	0.6	0.2	0.0	0.0	0.9	0.0	0.9	0.0	0.0	1.8	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.3
Malaria	Cases	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	Rate	0.6	1.1	2.1	1.0	0.5	0.0	0.9	0.0	0.0	0.0	1.6	1.2	1.4	0.3	0.0	0.7	0.0	0.8	0.0	0.0
Measles	Cases	0	31	8	10	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0
	Rate	0.0	11.0	3.4	3.9	0.0	13.6	0.5	0.0	0.0	1.3	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.2	0.0	0.0
Meningococcal disease	Cases	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0
	Rate	2.5	1.1	1.1	2.3	0.8	2.9	0.9	0.0	1.8	1.9	1.6	0.6	0.7	0.7	0.0	1.4	0.0	1.0	3.5	2.3
Mumps	Cases	0	1	5	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	1.9	0.9	1.5	0.2	0.0	0.0	1.4	2.1	0.0	0.6	0.0	0.0	0.7	0.3	2.5	0.0	0.0	0.2	1.8	0.0
Paratyphoid fever	Cases	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
	Rate	0.0	1.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.7	0.3	0.0	0.7	0.0	0.8	0.0	0.6
Pertussis	Cases	7	8	8	17	14	1	4	0	5	4	0	0	2	7	0	9	3	5	0	5
	Rate	77.5	35.4	38.3	51.0	52.0	27.2	40.9	62.1	33.4	27.0	24.0	27.7	57.0	55.0	34.4	286.6	153.1	80.6	40.3	53.9
Q fever	Cases	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.2	0.0	0.0	0.3	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	2	2	2	9	3	1	0	0	0	0	0	1	0	0	0	0	0	2	0	0
	Rate	12.0	1.4	5.3	14.5	6.7	6.8	5.2	25.7	0.9	3.2	3.2	0.6	5.6	3.0	0.0	0.0	0.0	2.4	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	0.0	0.2	0.2	0.2	0.8	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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.0	0.0	0.2	0.0	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
Salmonellosis	Cases	3	10	6	5	4	2	6	0	2	2	0	1	2	1	0	3	0	16	1	13
	Rate	33.4	20.6	24.8	16.3	23.3	15.5	23.5	38.5	14.5	15.4	9.6	17.1	16.7	17.7	27.1	28.3	24.5	29.2	33.3	50.4
Shigellosis	Cases	0	1	5	6	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	5
	Rate	1.3	2.7	8.3	5.6	2.1	1.0	0.5	0.0	1.8	0.6	0.0	0.0	0.7	2.7	0.0	0.7	0.0	1.2	5.3	4.2
Tuberculosis disease	Cases	1	4	10	14	3	0	0	0	0	1	0	1	0	6	0	0	1	1	0	1
	Rate	1.9	3.9	12.4	14.4	7.0	3.9	4.2	4.3	3.6	1.9	3.2	5.9	3.5	12.7	4.9	3.5	6.1	5.1	1.8	2.6
Typhoid fever	Cases	0	1	2	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	Rate	0.6	0.9	2.8	2.1	0.3	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.8	0.0	0.0
VTEC/STEC infection	Cases	3	5	8	3	8	0	1	0	0	1	0	0	1	1	0	0	0	1	0	3
	Rate	7.6	4.8	4.9	3.9	10.2	1.9	6.1	2.1	6.3	1.3	1.6	1.8	1.4	1.0	2.5	2.1	6.1	5.5	5.3	3.9
Yersiniosis	Cases	1	1	5	3	4	0	0	1	0	2	0	0	2	8	0	0	0	4	0	2
	Rate	7.6	7.5	12.2	10.7	9.1	25.2	14.1	17.1	7.2	6.4	6.4	8.3	13.2	17.7	2.5	0.7	3.1	19.1	12.3	4.8

¹ These data are provisional

² Current rate is based on the cumulative total for the 12 months up to and including March 2014 expressed as cases per 100 000

³ Further data are available from the local Medical Officer of Health

Notifiable Disease Surveillance Data by District Health Board March 2014

		Cases ¹ and current rate ² for March 2014 by District Health Board ³																			
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	8	52	35	31	56	10	22	4	13	28	3	26	12	47	3	16	1	53	33	58
	Rate	136.7	137.3	130.4	108.2	205.5	169.9	140.4	182.0	202.3	213.6	166.7	178.6	111.2	153.4	196.8	140.1	217.5	163.6	331.5	190.1
Cryptosporidiosis	Cases	0	2	1	0	2	0	0	1	0	5	0	0	1	2	1	2	0	2	2	1
	Rate	18.3	20.3	16.7	9.5	39.2	35.9	13.6	8.6	29.8	29.6	20.8	21.2	22.2	23.0	27.1	12.7	24.5	34.7	64.9	25.8
Dengue fever	Cases	0	12	9	10	1	2	0	0	0	3	0	0	0	0	1	2	0	0	1	0
	Rate	3.8	5.2	9.2	6.6	1.1	3.9	2.8	0.0	0.9	2.6	1.6	0.0	3.5	2.3	2.5	2.8	0.0	1.6	3.5	1.0
Gastroenteritis	Cases	1	9	9	1	4	0	6	0	0	0	5	13	2	6	1	0	0	7	1	0
	Rate	4.4	13.7	15.8	6.6	6.4	8.7	12.2	0.0	7.2	0.6	28.8	43.0	47.9	34.0	14.8	2.1	24.5	5.5	1.8	4.5
Giardiasis	Cases	2	23	17	9	13	11	9	1	2	10	4	4	5	8	2	3	2	17	1	13
	Rate	28.3	37.0	43.0	34.9	47.2	60.2	45.6	30.0	47.9	48.2	20.8	23.6	31.3	51.3	51.6	46.7	33.7	33.9	31.6	39.7
<i>Haemophilus influenzae</i> type b	Cases	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.2	0.0	0.3
Hepatitis A	Cases	0	3	1	3	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0
	Rate	2.5	2.7	1.9	2.5	0.3	0.0	0.5	0.0	0.0	4.5	1.6	1.2	4.9	0.7	0.0	0.7	0.0	9.1	1.8	1.0
Hepatitis B	Cases	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
	Rate	1.3	0.4	0.6	0.6	1.6	0.0	0.5	0.0	0.0	0.0	3.2	0.0	0.7	0.3	0.0	0.0	3.1	1.0	0.0	1.3
Hepatitis C	Cases	2	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1
	Rate	2.5	0.2	0.6	0.2	0.0	0.0	0.0	0.0	1.8	0.0	3.2	0.0	2.8	0.3	0.0	0.7	0.0	2.8	0.0	2.6
Invasive pneumococcal disease	Cases	0	3	3	7	2	3	4	0	2	2	0	3	1	1	0	2	0	2	1	0
	Rate	10.1	9.1	8.8	13.0	11.0	26.2	18.3	10.7	8.1	14.8	17.6	10.6	8.3	8.3	9.8	10.6	18.4	7.9	10.5	7.7
Legionellosis	Cases	4	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	1	0	1
	Rate	6.3	5.0	1.5	3.1	0.5	1.0	1.4	0.0	1.8	1.3	0.0	2.9	0.7	0.3	0.0	0.7	15.3	9.9	3.5	2.6
Leptospirosis	Cases	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	1	0	0	0	0
	Rate	1.3	0.2	0.2	0.4	1.3	1.9	2.8	0.0	5.4	7.7	0.0	2.9	0.0	0.0	7.4	2.1	3.1	0.6	7.0	1.0
Listeriosis	Cases	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
	Rate	0.6	0.4	0.6	0.2	0.0	0.0	0.9	0.0	0.9	0.0	0.0	1.8	0.7	0.7	0.0	0.0	0.0	0.0	0.0	0.3
Malaria	Cases	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	Rate	0.6	1.1	2.1	1.0	0.5	0.0	0.9	0.0	0.0	0.0	1.6	1.2	1.4	0.3	0.0	0.7	0.0	0.8	0.0	0.0
Measles	Cases	0	31	8	10	0	0	0	0	0	2	0	0	0	1	0	0	0	0	0	0
	Rate	0.0	11.0	3.4	3.9	0.0	13.6	0.5	0.0	0.0	1.3	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.2	0.0	0.0
Meningococcal disease	Cases	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0
	Rate	2.5	1.1	1.1	2.3	0.8	2.9	0.9	0.0	1.8	1.9	1.6	0.6	0.7	0.7	0.0	1.4	0.0	1.0	3.5	2.3
Mumps	Cases	0	1	5	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	1.9	0.9	1.5	0.2	0.0	0.0	1.4	2.1	0.0	0.6	0.0	0.0	0.7	0.3	2.5	0.0	0.0	0.2	1.8	0.0
Paratyphoid fever	Cases	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0
	Rate	0.0	1.1	1.7	0.0	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.7	0.3	0.0	0.7	0.0	0.8	0.0	0.6
Pertussis	Cases	7	8	8	17	14	1	4	0	5	4	0	0	2	7	0	9	3	5	0	5
	Rate	77.5	35.4	38.3	51.0	52.0	27.2	40.9	62.1	33.4	27.0	24.0	27.7	57.0	55.0	34.4	286.6	153.1	80.6	40.3	53.9
Q fever	Cases	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.2	0.0	0.0	0.3	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	2	2	2	9	3	1	0	0	0	0	0	1	0	0	0	0	0	2	0	0
	Rate	12.0	1.4	5.3	14.5	6.7	6.8	5.2	25.7	0.9	3.2	3.2	0.6	5.6	3.0	0.0	0.0	0.0	2.4	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	0.0	0.2	0.2	0.2	0.8	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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.0	0.0	0.2	0.0	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
Salmonellosis	Cases	3	10	6	5	4	2	6	0	2	2	0	1	2	1	0	3	0	16	1	13
	Rate	33.4	20.6	24.8	16.3	23.3	15.5	23.5	38.5	14.5	15.4	9.6	17.1	16.7	17.7	27.1	28.3	24.5	29.2	33.3	50.4
Shigellosis	Cases	0	1	5	6	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	5
	Rate	1.3	2.7	8.3	5.6	2.1	1.0	0.5	0.0	1.8	0.6	0.0	0.0	0.7	2.7	0.0	0.7	0.0	1.2	5.3	4.2
Tuberculosis disease	Cases	1	4	10	14	3	0	0	0	0	1	0	1	0	6	0	0	1	1	0	1
	Rate	1.9	3.9	12.4	14.4	7.0	3.9	4.2	4.3	3.6	1.9	3.2	5.9	3.5	12.7	4.9	3.5	6.1	5.1	1.8	2.6
Typhoid fever	Cases	0	1	2	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	Rate	0.6	0.9	2.8	2.1	0.3	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.8	0.0	0.0
VTEC/STEC infection	Cases	3	5	8	3	8	0	1	0	0	1	0	0	1	1	0	0	0	1	0	3
	Rate	7.6	4.8	4.9	3.9	10.2	1.9	6.1	2.1	6.3	1.3	1.6	1.8	1.4	1.0	2.5	2.1	6.1	5.5	5.3	3.9
Yersiniosis	Cases	1	1	5	3	4	0	0	1	0	2	0	0	2	8	0	0	0	4	0	2
	Rate	7.6	7.5	12.2	10.7	9.1	25.2	14.1	17.1	7.2	6.4	6.4	8.3	13.2	17.7	2.5	0.7	3.1	19.1	12.3	4.8

¹ These data are provisional

² Current rate is based on the cumulative total for the 12 months up to and including March 2014 expressed as cases per 100 000

³ Further data are available from the local Medical Officer of Health

National Notifiable Disease Surveillance Data March 2014

Disease	Current Year - 2014 ¹			Previous Year - 2013		
	March 2014 Cases	Cumulative total since 1 January	Current 12 Month Rate ²	March 2013 Cases	Cumulative total since 1 January	Current 12 Month Rate ²
Campylobacteriosis	511	1819	157.1	385	1634	145.2
Cryptosporidiosis	22	83	23.4	187	386	26.0
Dengue fever	41	80	3.6	5	24	1.9
Gastroenteritis ³	65	163	13.0	42	139	16.2
Giardiasis	156	475	39.7	134	430	36.9
<i>Haemophilus influenzae</i> type b	1	3	0.1	0	0	0.1
Hepatitis A	10	38	2.5	2	16	1.0
Hepatitis B ⁴	3	8	0.7	2	5	0.8
Hepatitis C ⁴	5	15	0.9	5	11	0.8
Invasive pneumococcal disease	36	77	10.7	28	77	11.2
Legionellosis	9	32	3.2	11	41	3.2
Leptospirosis	4	11	1.3	3	11	2.3
Listeriosis	3	8	0.4	2	10	0.7
Malaria	2	5	0.8	1	15	1.1
Measles	52	113	2.7	1	1	0.3
Meningococcal disease	3	6	1.4	6	13	1.9
Mumps	8	11	0.6	2	8	0.6
Paratyphoid fever	3	7	0.5	2	8	0.5
Pertussis	99	373	57.2	348	1354	135.6
Q fever	2	2	0.0	0	0	0.0
Rheumatic fever	22	57	4.9	17	37	4.0
Rickettsial disease	0	0	0.2	1	2	0.1
Rubella	1	2	0.1	0	0	0.0
Salmonellosis	77	283	24.0	97	352	24.6
Shigellosis	19	40	2.9	15	47	3.1
Tuberculosis disease	43	94	6.8	21	68	6.6
Typhoid fever	6	18	0.9	3	28	1.4
VTEC/STEC infection	35	57	4.5	26	59	3.7
Yersiniosis	33	123	11.0	42	112	11.4

¹ These data are provisional

² Rate is based on the cumulative total for the current year (12 months up to and including March 2014) or the previous year

³ Cases of gastroenteritis from a common source or foodborne intoxication

⁴ Only acute cases of this disease are currently notifiable

Other notifiable infectious disease reported in March: Hepatitis NOS (1), Paralytic shellfish poisoning (1), Ross River virus infection (1), Zika virus (3)

National Notifiable Disease Surveillance Data – Monthly totals for March 2014 and preceding 12 Months¹

Disease	Mar 2014	Feb 2014	Jan 2014	Dec 2013	Nov 2013	Oct 2013	Sep 2013	Aug 2013	Jul 2013	Jun 2013
Campylobacteriosis	511	534	774	899	731	656	663	637	524	373
Cryptosporidiosis	22	25	36	32	85	167	184	87	78	67
Dengue fever	41	17	22	9	10	13	7	9	11	3
Gastroenteritis ²	65	47	51	44	50	44	47	79	55	27
Giardiasis	156	145	174	145	106	154	145	150	136	139
<i>Haemophilus influenzae</i> type b	1	2	0	0	1	0	0	0	0	0
Hepatitis A	10	18	10	2	1	15	5	11	12	8
Hepatitis B ³	3	2	3	4	0	4	3	3	3	3
Hepatitis C ³	5	5	5	4	2	3	1	4	7	1
Invasive pneumococcal disease	36	15	26	37	34	48	64	46	69	41
Legionellosis	9	10	13	22	20	15	15	5	13	6
Leptospirosis	4	4	3	2	11	3	6	5	6	3
Listeriosis	3	2	3	1	0	1	2	3	1	0
Malaria	2	1	2	2	4	2	4	6	3	5
Measles	52	39	22	6	0	1	0	0	0	0
Meningococcal disease	3	1	2	3	2	5	11	6	14	4
Mumps	8	2	1	1	2	0	3	1	0	2
Paratyphoid fever	3	1	3	0	2	1	3	2	2	0
Pertussis	99	104	170	158	208	243	262	265	294	194
Q fever	2	0	0	0	0	0	0	0	0	0
Rheumatic fever	22	17	18	27	13	17	22	27	12	9
Rickettsial disease	0	0	0	1	1	0	2	0	1	1
Rubella	1	0	1	0	0	0	0	1	0	0
Salmonellosis	77	102	104	96	94	102	87	90	71	53
Shigellosis	19	14	7	9	4	10	9	6	13	15
Tuberculosis disease	43	18	33	26	22	30	33	14	19	21
Typhoid fever	6	5	7	5	3	3	0	1	2	5
VTEC/STEC infection	35	10	12	4	6	7	18	18	4	13
Yersiniosis	33	36	54	36	61	45	55	40	48	26

¹ These data are provisional

² Cases of gastroenteritis from a common source or foodborne intoxication

³ Only acute cases of this disease are currently notifiable

May 2013	Apr 2013
396	324
133	129
14	6
37	36
161	163
1	0
3	18
2	1
2	2
34	30
8	8
6	6
1	0
2	4
0	0
3	7
2	4
5	2
292	269
0	0
19	18
1	0
0	0
90	108
9	15
28	17
0	3
32	44
28	32