

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 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

Chikungunya fever: Three cases of chikungunya fever (2 confirmed and 1 probable) were notified in October 2014. Two cases were females in the 20–29 years and one male in the 60–69 years age groups. All cases reported overseas travel during the incubation period to Samoa (2 cases) and Trinidad and Tobago (1 case).

Cholera: One case of cholera was notified in October 2014. After further investigation, the case has since been found not to meet the case criteria.

Giardiasis: 108 cases of giardiasis were notified in October 2014 compared to 154 cases notified during the same month of the previous year. The highest numbers of cases were reported from Counties Manukau (20 cases), Canterbury (13 cases), and Waikato (11 cases) DHBs. Among the cases where risk factor information was recorded, 50.0% (15/30) had contact with farm animals, 50.0% (14/28) had contact with faecal matter, 38.7% (12/31) had contact with other symptomatic people, 36.7% (11/30) had consumed untreated water, and 33.3% (13/39) attended school, pre-school or childcare. Five *Giardia* outbreaks were reported in October including four finalised outbreaks (14 cases) and one interim outbreak (case numbers yet to be determined).

Leptospirosis: 14 cases of leptospirosis were notified in October 2014 (4 confirmed, 2 probable and 8 under investigation). This compared to three cases notified during the same month of the previous year. The highest numbers of cases were reported from Northland (4 cases) and Hawke's Bay (3 cases) DHBs. Occupation was recorded for 11 cases: famers or farm workers (8 cases) and freezing workers (2 cases). The one case that did not record a high-risk occupation had animal contact (feeding pigs at farm). *Leptospira* species were recorded for seven cases: *Leptospira* Hardjo (4 cases), and *L. Pomona* (2 cases), and *L. Tarassovi* (1 case).

Mumps: Seven cases of mumps were notified in October 2014 compared to zero cases notified during the same month of the previous year. After further investigation, five cases have since been found not to meet the case criteria. The remaining two cases were in the 5–9 years and 30–39 years age groups from Bay of Plenty and Waitemata DHBs, respectively. The probable case in the 5–9 years age group was not vaccinated. The vaccination history was unknown for the confirmed case.

Rickettsial disease: Two cases of murine typhus were notified in October 2014. The cases were males in the 30–39 years and 50–59 years age groups from Counties Manukau and Waikato DHBs, respectively. Both cases were hospitalised. One case had been in Malaysia and Indonesia during the incubation period. The other case had not travelled overseas during the incubation period for this disease but has had contact with rats.

Taeniasis: Two cases of taeniasis were notified in October 2014. The cases were a male in the 15–19 years and a female in the 20–29 years age groups from Canterbury and Capital & Coast DHBs, respectively. One of the cases was in Vietnam during the incubation period. The other case is still under investigation.

VTEC/STEC infection: 21 cases of VTEC/STEC infection were notified in October 2014 compared to seven cases notified during the same month of the previous year (Figure 1). After further investigation, three cases have since been found not to meet the case criteria. The highest numbers of cases were reported from Canterbury (5 cases) and Nelson Marlborough (3 cases) DHBs. The highest numbers of cases occurred in the 1–4 years (7 cases) and 60–69 years (4 cases) age groups. Seven cases were hospitalised. The serotype/organism was identified by the Enteric Reference Laboratory for 17 cases of which 88.2% (15/17) were *Escherichia coli* O157:H7. Among the cases for which risk factor information was recorded, 84.6% (11/13) had contact with animals, 20.0% (2/10) had contact with children in nappies, 15.4% (2/13) attended school, pre-school or childcare, and 15.4% (2/13) had recreational water contact.

Yersiniosis: 186 cases of yersiniosis were notified in October 2014 compared to 45 cases notified during the same month of the previous year (Figure 2). After further investigation, three of these cases have since been found not to meet the case criteria. The highest numbers of cases were reported from Canterbury (58 cases), Auckland (22 cases), and Waitemata (19 cases) DHBs. The cases ranged in age from five months to 91 years, with the highest numbers of cases in the 20–29 years (38 cases), 30–39 years (30 cases), and 40–49 years (26 cases) age groups. Forty-one cases were hospitalised. The *Yersinia* species involved was identified in 176 (96.2%) of the cases: *Yersinia pseudotuberculosis* (107 cases) and *Y. enterocolitica* (69 cases). The most common *Y. enterocolitica* biotype reported was biotype 1A (27 cases) followed by biotype 2 (10 cases), biotypes 3 and 4 (8 cases each), and 1B (1 case). Among the cases for which risk factor information was recorded, 77.5% (79/102) had consumed food from a food premises. Of the 79 who had consumed food from a food premises, 72.2% (57/79) had consumed food from a supermarket.

2. Outbreaks

During October 2014, a total of 71 outbreaks (23 final and 48 interim) were created (Table 1 and Table 2). 80.3% were outbreaks of acute gastroenteritis (15 finalised and 42 interim) involving 377 cases in total. This compares with 25 acute gastroenteritis outbreaks involving 373 cases in total created during the same month of the previous year. Of the 57 acute gastroenteritis outbreaks, 19.3% (11/57) were recorded as norovirus, 7.0% (4/57) as rotavirus, and the remaining 42 did not have a pathogen recorded. The majority of acute gastroenteritis outbreaks (33.3%, 19 outbreaks) had person-to-person mode of transmission reported. The most commonly reported settings where exposure occurred were in long term care facilities (16 outbreaks), restaurant/café/bakery (6 outbreaks), and childcare centres (5 outbreaks).

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

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
<i>Cryptosporidium</i> ¹	Waitemata	2	4
Gastroenteritis	Waitemata, Waikato, Taranaki, Whanganui, Canterbury	5	31
<i>Giardia</i> ¹	Waitemata, Auckland	4	14
Influenza A virus ¹	MidCentral	1	15
Norovirus	Auckland, Lakes, MidCentral, Nelson Marlborough, Canterbury	7	140
Rotavirus	Taranaki, Capital & Coast, Canterbury	3	45
<i>Yersinia</i>	Waikato	1	2
Total		23	251

¹Includes outbreaks reported to PHSs prior to October 2014: *Giardia* (2) reported in June, *Cryptosporidium* and influenza A virus (1 each) reported in September.

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

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
<i>Campylobacter</i> ¹	Waitemata, Waikato	2	4
<i>Cryptosporidium</i>	West Coast	1	4
Gastroenteritis ¹	Waitemata, Auckland, Counties Manukau, Waikato, Taranaki, Hawke's Bay, MidCentral, Hutt Valley, Capital & Coast, Nelson Marlborough, Southern	37	144
<i>Giardia</i> ¹	Waikato	1	-
Influenza B virus ²	Capital & Coast	1	-
<i>Mycobacterium tuberculosis</i> ¹	Auckland	1	-
Norovirus	Waitemata	4	17
Rotavirus ¹	Hutt Valley	1	-
Total		48	169

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

²Includes one outbreak reported to PHSs prior to October 2014: and influenza B virus reported in September.

3. Deaths from notifiable diseases

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

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

Disease	District health board	Age group (years)
Gastroenteritis / foodborne intoxication	Lakes	70+
Tuberculosis disease – new case	Hutt Valley	70+

4. Trends in selected diseases to October 2014

Figure 1. VTEC/STEC infection notifications by month, January 2009–October 2014

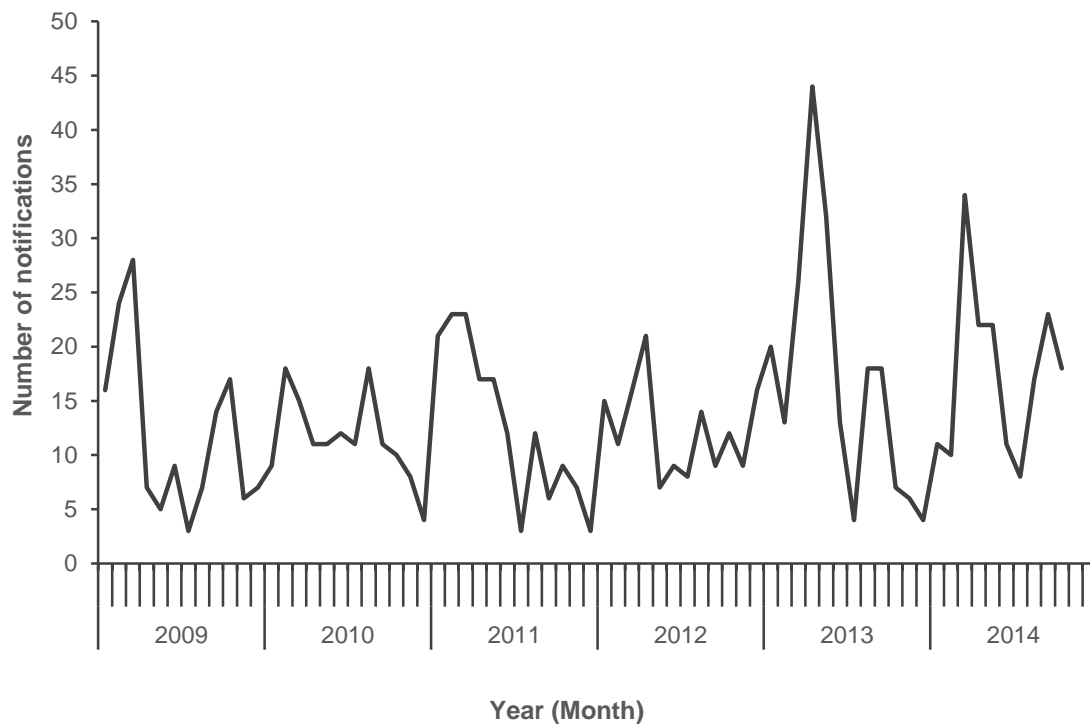
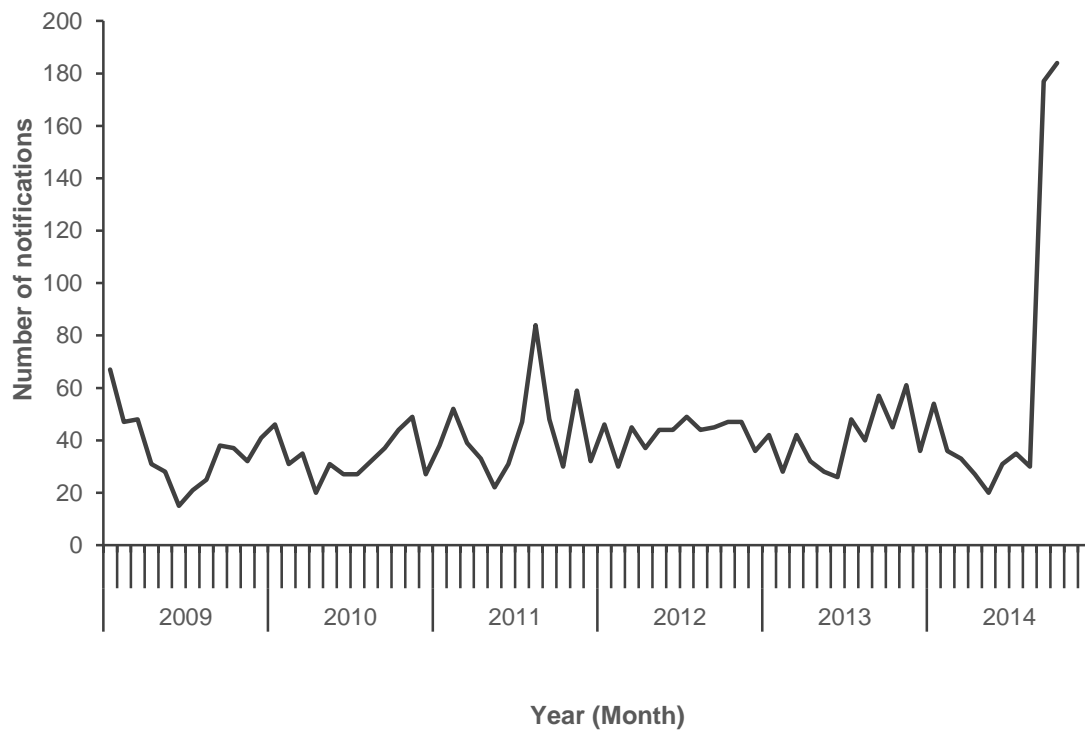


Figure 2. Yersiniosis notifications by month, January 2009–October 2014



5. Data tables

National Notifiable Disease Surveillance Data October 2014

Disease	Current Year - 2014 ¹			Previous Year - 2013		
	October 2014 Cases	Cumulative total since 1 January	Current 12 Month Rate ²	October 2013 Cases	Cumulative total since 1 January	Current 12 Month Rate ²
Campylobacteriosis	681	5113	150.8	656	5207	148.1
Cryptosporidiosis	144	490	13.6	167	1231	30.4
Dengue fever	14	166	4.1	13	87	2.1
Gastroenteritis ³	103	638	16.4	44	464	14.8
Giardiasis	108	1472	38.5	154	1478	38.6
Haemophilus influenzae type b	1	7	0.2	0	1	0.0
Hepatitis A	7	62	1.5	15	88	2.1
Hepatitis B ⁴	5	32	0.8	4	24	0.7
Hepatitis C ⁴	1	37	1.0	2	30	0.8
Invasive pneumococcal disease	53	431	11.2	47	408	10.5
Legionellosis	11	94	3.0	15	111	3.4
Leptospirosis	14	60	1.6	3	46	1.3
Listeriosis	2	23	0.5	1	18	0.5
Malaria	4	28	0.8	2	41	1.1
Measles	2	278	6.4	1	2	0.0
Meningococcal disease	5	44	1.1	5	63	1.6
Mumps	7	20	0.5	0	20	0.5
Paratyphoid fever	1	17	0.4	1	23	0.6
Pertussis	114	985	30.2	244	3174	97.2
Rheumatic fever	13	192	5.2	16	161	3.9
Rickettsial disease	2	3	0.1	0	7	0.2
Rubella	0	4	0.1	0	1	0.0
Salmonellosis	84	810	22.4	102	953	25.6
Shigellosis	9	117	2.9	10	124	3.1
Tuberculosis disease	29	265	7.0	29	229	6.2
Typhoid fever	2	36	1.0	3	42	1.2
VTEC/STEC infection	21	179	4.2	7	195	4.9
Yersiniosis	186	629	16.2	45	388	10.5

¹ These data are provisional

² Rate is based on the cumulative total for the current year (12 months up to and including October 2014) or the previous year (12 months up to and including October 2013), expressed as cases per 100 000

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 October: Chikungunya fever (3), Cholera (1), Taeniasis (2)

Notifiable Disease Surveillance Data by District Health Board October 2014

		Cases ¹ and current rate ² for October 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	28	78	49	52	76	19	49	5	24	22	9	22	15	53	9	16	12	68	11	64
	Rate	140.5	125.9	118.4	98.3	196.9	160.2	143.2	152.0	168.9	202.0	160.3	168.0	117.4	168.0	164.8	144.4	196.0	160.0	287.7	195.6
Cryptosporidiosis	Cases	10	15	2	10	14	5	4	1	3	2	3	4	3	8	4	2	4	24	7	19
	Rate	18.9	10.3	7.1	5.6	21.2	10.7	9.9	15.0	20.8	16.7	9.6	13.0	6.9	10.3	24.6	12.0	27.6	20.1	38.6	19.7
Dengue fever	Cases	0	4	3	3	1	0	2	0	0	0	0	0	0	1	0	0	0	0	0	0
	Rate	2.5	5.3	9.8	8.7	2.4	1.9	6.6	0.0	0.0	2.6	1.6	0.6	3.5	2.3	0.0	1.4	0.0	2.0	1.8	1.3
Gastroenteritis	Cases	2	2	7	3	2	4	0	0	0	0	2	15	31	31	0	1	0	3	0	0
	Rate	3.1	12.1	17.5	7.6	5.9	11.7	8.0	0.0	4.5	0.0	36.9	74.3	62.5	60.7	12.3	5.0	12.3	6.7	1.8	3.2
Giardiasis	Cases	4	9	7	20	11	4	8	0	1	3	3	1	5	5	2	4	2	13	1	5
	Rate	37.8	39.5	42.5	33.2	48.3	69.9	49.3	47.1	27.1	52.7	27.2	17.1	32.7	43.0	49.2	34.7	27.6	31.9	38.6	31.0
Haemophilus influenzae type b	Cases	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.2	0.2	0.4	0.3	1.0	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	0	1	2	0	0	0	1	0	0	1	0	0	1	0	0	0	0	1	0
	Rate	1.3	3.0	1.5	3.1	0.3	0.0	0.9	2.1	0.0	1.9	3.2	0.6	4.9	0.7	0.0	0.0	0.0	0.6	1.8	0.0
Hepatitis B	Cases	0	1	2	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
	Rate	1.9	0.9	0.4	0.6	0.5	0.0	0.5	0.0	0.0	1.3	1.6	0.0	0.7	0.3	0.0	1.4	0.0	1.8	0.0	1.3
Hepatitis C	Cases	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	4.4	0.4	0.6	0.2	0.0	0.0	0.0	0.0	3.6	1.3	3.2	0.0	2.8	0.7	0.0	1.4	0.0	1.8	0.0	1.6
Invasive pneumococcal	Cases	3	4	6	16	4	1	1	3	1	2	0	2	1	3	0	1	0	3	0	2
	Rate	13.2	8.2	13.5	14.2	11.0	25.2	13.2	15.0	12.6	11.6	14.4	14.1	9.7	9.7	14.8	5.7	6.1	9.3	5.3	7.4
Legionellosis	Cases	1	2	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	4	0	1
	Rate	6.9	3.4	1.1	3.5	1.1	1.0	1.4	0.0	2.7	0.6	0.0	3.5	0.7	0.3	0.0	0.7	15.3	9.3	3.5	1.9
Leptospirosis	Cases	4	0	0	0	0	0	1	0	0	3	1	1	0	0	1	0	0	2	0	1
	Rate	3.8	0.2	0.0	0.4	1.1	3.9	1.9	2.1	4.5	12.2	4.8	4.1	0.7	0.0	7.4	0.7	3.1	1.0	3.5	1.3
Listeriosis	Cases	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.4	0.9	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	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	Rate	0.0	0.4	2.6	0.6	0.8	0.0	0.5	0.0	0.9	0.0	1.6	0.0	2.1	0.3	0.0	0.0	0.0	1.2	0.0	0.3
Measles	Cases	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	Rate	3.8	11.2	4.7	5.6	33.5	13.6	1.9	4.3	0.9	7.7	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.2	0.0	0.0
Meningococcal disease	Cases	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2	1
	Rate	1.9	0.5	0.6	0.4	1.3	0.0	1.4	2.1	0.9	2.6	0.0	1.2	0.7	0.7	2.5	1.4	0.0	1.6	5.3	1.6
Mumps	Cases	2	1	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	1	0
	Rate	1.3	0.7	0.6	0.2	0.0	1.0	0.9	2.1	0.0	0.6	0.0	0.6	0.0	0.3	0.0	0.7	0.0	0.8	1.8	0.0
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	0.7	0.6	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	0.6	0.0	0.6
Pertussis	Cases	3	33	15	20	8	0	3	0	1	3	0	1	2	7	0	5	0	8	1	4
	Rate	29.6	38.1	24.8	40.0	37.6	16.5	21.1	25.7	27.1	24.4	1.6	5.3	28.5	33.3	2.5	74.3	30.6	32.3	10.5	15.8
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	2	0	1	4	1	1	1	1	0	1	0	0	1	0	0	0	0	0	0	0
	Rate	10.1	2.3	5.6	18.4	6.2	7.8	3.8	27.8	0.0	3.9	1.6	0.6	2.8	2.7	2.5	0.0	3.1	1.4	0.0	0.3
Rickettsial disease	Cases	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.0	0.2	0.2	0.8	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	2	9	9	5	7	1	5	0	1	7	0	3	3	0	0	3	1	15	1	12
	Rate	21.4	24.7	23.7	14.9	18.0	17.5	20.7	25.7	14.5	21.9	12.8	15.3	13.9	15.3	29.5	22.6	21.4	29.4	31.6	42.0
Shigellosis	Cases	0	0	2	6	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	Rate	1.3	2.5	6.6	7.2	2.1	1.0	0.5	0.0	1.8	1.3	0.0	0.6	1.4	3.7	0.0	0.0	0.0	0.8	7.0	3.2
Tuberculosis disease	Cases	0	4	10	0	1	1	1	1	1	0	0	1	2	3	0	0	0	4	0	0
	Rate	4.4	6.6	13.9	9.9	5.6	4.9	5.6	4.3	3.6	1.9	3.2	8.3	6.3	12.7	7.4	1.4	3.1	5.5	3.5	1.6
Typhoid fever	Cases	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.4	2.8	2.5	0.3	0.0	1.9	2.1	0.0	0.0	0.0	0.0	0.7	0.7	0.0	0.7	0.0	0.6	0.0	0.6
Viral Haemorrhagic 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
VTEC/STEC infection	Cases	2	2	3	0	1	1	1	0	2	0	0	0	0	0	0	3	0	5	0	1
	Rate	8.2	3.2	3.4	3.3	10.5	4.9	5.2	0.0	4.5	1.9	3.2	1.2	2.1	2.0	2.5	4.2	0.0	5.1	8.8	3.6
Yersiniosis	Cases	6	20	22	15	11	3	10	1	1	5	0	3	2	11	0	3	1	59	4	9
	Rate	8.2	10.5	16.2	11.4	14.2	27.2	19.7	12.8	8.1	10.9	1.6	6.5	12.5	24.3	2.5	2.8	9.2	40.6	21.0	11.3

¹ These data are provisional

² Current rate is based on the cumulative total for the 12 months up to and including October 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 October 2014

		Cases ¹ and current rate ² for October 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	28	78	49	52	76	19	49	5	24	22	9	22	15	53	9	16	12	68	11	64
	Rate	140.5	125.9	118.4	98.3	196.9	160.2	143.2	152.0	168.9	202.0	160.3	168.0	117.4	168.0	164.8	144.4	196.0	160.0	287.7	195.6
Cryptosporidiosis	Cases	10	15	2	10	14	5	4	1	3	2	3	4	3	8	4	2	4	24	7	19
	Rate	18.9	10.3	7.1	5.6	21.2	10.7	9.9	15.0	20.8	16.7	9.6	13.0	6.9	10.3	24.6	12.0	27.6	20.1	38.6	19.7
Dengue fever	Cases	0	4	3	3	1	0	2	0	0	0	0	0	0	1	0	0	0	0	0	0
	Rate	2.5	5.3	9.8	8.7	2.4	1.9	6.6	0.0	0.0	2.6	1.6	0.6	3.5	2.3	0.0	1.4	0.0	2.0	1.8	1.3
Gastroenteritis	Cases	2	2	7	3	2	4	0	0	0	0	2	15	31	31	0	1	0	3	0	0
	Rate	3.1	12.1	17.5	7.6	5.9	11.7	8.0	0.0	4.5	0.0	36.9	74.3	62.5	60.7	12.3	5.0	12.3	6.7	1.8	3.2
Giardiasis	Cases	4	9	7	20	11	4	8	0	1	3	3	1	5	5	2	4	2	13	1	5
	Rate	37.8	39.5	42.5	33.2	48.3	69.9	49.3	47.1	27.1	52.7	27.2	17.1	32.7	43.0	49.2	34.7	27.6	31.9	38.6	31.0
Haemophilus influenzae type b	Cases	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.2	0.2	0.4	0.3	1.0	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	0	1	2	0	0	0	1	0	0	1	0	0	1	0	0	0	0	1	0
	Rate	1.3	3.0	1.5	3.1	0.3	0.0	0.9	2.1	0.0	1.9	3.2	0.6	4.9	0.7	0.0	0.0	0.0	0.6	1.8	0.0
Hepatitis B	Cases	0	1	2	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
	Rate	1.9	0.9	0.4	0.6	0.5	0.0	0.5	0.0	0.0	1.3	1.6	0.0	0.7	0.3	0.0	1.4	0.0	1.8	0.0	1.3
Hepatitis C	Cases	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	4.4	0.4	0.6	0.2	0.0	0.0	0.0	0.0	3.6	1.3	3.2	0.0	2.8	0.7	0.0	1.4	0.0	1.8	0.0	1.6
Invasive pneumococcal disease	Cases	3	4	6	16	4	1	1	3	1	2	0	2	1	3	0	1	0	3	0	2
	Rate	13.2	8.2	13.5	14.2	11.0	25.2	13.2	15.0	12.6	11.6	14.4	14.1	9.7	9.7	14.8	5.7	6.1	9.3	5.3	7.4
Legionellosis	Cases	1	2	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	4	0	1
	Rate	6.9	3.4	1.1	3.5	1.1	1.0	1.4	0.0	2.7	0.6	0.0	3.5	0.7	0.3	0.0	0.7	15.3	9.3	3.5	1.9
Leptospirosis	Cases	4	0	0	0	0	0	1	0	0	3	1	1	0	0	1	0	0	2	0	1
	Rate	3.8	0.2	0.0	0.4	1.1	3.9	1.9	2.1	4.5	12.2	4.8	4.1	0.7	0.0	7.4	0.7	3.1	1.0	3.5	1.3
Listeriosis	Cases	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.4	0.9	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	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	Rate	0.0	0.4	2.6	0.6	0.8	0.0	0.5	0.0	0.9	0.0	1.6	0.0	2.1	0.3	0.0	0.0	0.0	1.2	0.0	0.3
Measles	Cases	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	Rate	3.8	11.2	4.7	5.6	33.5	13.6	1.9	4.3	0.9	7.7	0.0	0.0	0.0	1.7	0.0	0.0	0.0	0.2	0.0	0.0
Meningococcal disease	Cases	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2	1
	Rate	1.9	0.5	0.6	0.4	1.3	0.0	1.4	2.1	0.9	2.6	0.0	1.2	0.7	0.7	2.5	1.4	0.0	1.6	5.3	1.6
Mumps	Cases	2	1	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	1	0
	Rate	1.3	0.7	0.6	0.2	0.0	1.0	0.9	2.1	0.0	0.6	0.0	0.6	0.0	0.3	0.0	0.7	0.0	0.8	1.8	0.0
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	0.7	0.6	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	0.6	0.0	0.6
Pertussis	Cases	3	33	15	20	8	0	3	0	1	3	0	1	2	7	0	5	0	8	1	4
	Rate	29.6	38.1	24.8	40.0	37.6	16.5	21.1	25.7	27.1	24.4	1.6	5.3	28.5	33.3	2.5	74.3	30.6	32.3	10.5	15.8
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	2	0	1	4	1	1	1	1	0	1	0	0	1	0	0	0	0	0	0	0
	Rate	10.1	2.3	5.6	18.4	6.2	7.8	3.8	27.8	0.0	3.9	1.6	0.6	2.8	2.7	2.5	0.0	3.1	1.4	0.0	0.3
Rickettsial disease	Cases	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.0	0.2	0.2	0.8	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	2	9	9	5	7	1	5	0	1	7	0	3	3	0	0	3	1	15	1	12
	Rate	21.4	24.7	23.7	14.9	18.0	17.5	20.7	25.7	14.5	21.9	12.8	15.3	13.9	15.3	29.5	22.6	21.4	29.4	31.6	42.0
Shigellosis	Cases	0	0	2	6	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	Rate	1.3	2.5	6.6	7.2	2.1	1.0	0.5	0.0	1.8	1.3	0.0	0.6	1.4	3.7	0.0	0.0	0.0	0.8	7.0	3.2
Tuberculosis disease	Cases	0	4	10	0	1	1	1	1	1	0	0	1	2	3	0	0	0	4	0	0
	Rate	4.4	6.6	13.9	9.9	5.6	4.9	5.6	4.3	3.6	1.9	3.2	8.3	6.3	12.7	7.4	1.4	3.1	5.5	3.5	1.6
Typhoid fever	Cases	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.4	2.8	2.5	0.3	0.0	1.9	2.1	0.0	0.0	0.0	0.0	0.7	0.7	0.0	0.7	0.0	0.6	0.0	0.6
Viral Haemorrhagic 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
VTEC/STEC infection	Cases	2	2	3	0	1	1	1	0	2	0	0	0	0	0	0	3	0	5	0	1
	Rate	8.2	3.2	3.4	3.3	10.5	4.9	5.2	0.0	4.5	1.9	3.2	1.2	2.1	2.0	2.5	4.2	0.0	5.1	8.8	3.6
Yersiniosis	Cases	6	20	22	15	11	3	10	1	1	5	0	3	2	11	0	3	1	59	4	9
	Rate	8.2	10.5	16.2	11.4	14.2	27.2	19.7	12.8	8.1	10.9	1.6	6.5	12.5	24.3	2.5	2.8	9.2	40.6	21.0	11.3

¹ These data are provisional

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

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

National Notifiable Disease Surveillance Data October 2014

Disease	Current Year - 2014 ¹			Previous Year - 2013		
	October 2014 Cases	Cumulative total since 1 January	Current 12 Month Rate ²	October 2013 Cases	Cumulative total since 1 January	Current 12 Month Rate ²
Campylobacteriosis	681	5113	150.8	656	5207	148.1
Cryptosporidiosis	144	490	13.6	167	1231	30.4
Dengue fever	14	166	4.1	13	87	2.1
Gastroenteritis ³	103	638	16.4	44	464	14.8
Giardiasis	108	1472	38.5	154	1478	38.6
Haemophilus influenzae type b	1	7	0.2	0	1	0.0
Hepatitis A	7	62	1.5	15	88	2.1
Hepatitis B ⁴	5	32	0.8	4	24	0.7
Hepatitis C ⁴	1	37	1.0	2	30	0.8
Invasive pneumococcal disease	53	431	11.2	47	408	10.5
Legionellosis	11	94	3.0	15	111	3.4
Leptospirosis	14	60	1.6	3	46	1.3
Listeriosis	2	23	0.5	1	18	0.5
Malaria	4	28	0.8	2	41	1.1
Measles	2	278	6.4	1	2	0.0
Meningococcal disease	5	44	1.1	5	63	1.6
Mumps	7	20	0.5	0	20	0.5
Paratyphoid fever	1	17	0.4	1	23	0.6
Pertussis	114	985	30.2	244	3174	97.2
Rheumatic fever	13	192	5.2	16	161	3.9
Rickettsial disease	2	3	0.1	0	7	0.2
Rubella	0	4	0.1	0	1	0.0
Salmonellosis	84	810	22.4	102	953	25.6
Shigellosis	9	117	2.9	10	124	3.1
Tuberculosis disease	29	265	7.0	29	229	6.2
Typhoid fever	2	36	1.0	3	42	1.2
VTEC/STEC infection	21	179	4.2	7	195	4.9
Yersiniosis	186	629	16.2	45	388	10.5

¹ These data are provisional

² Rate is based on the cumulative total for the current year (12 months up to and including October 2014) or the previous year (12 months up to and including October 2013), expressed as cases per 100 000

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 October: Chikungunya fever (3), Cholera (1), Taeniasis (2)

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

Disease	Oct 2014	Sep 2014	Aug 2014	Jul 2014	Jun 2014	May 2014	Apr 2014	Mar 2014	Feb 2014	Jan 2014	Dec 2013	Nov 2013
Campylobacteriosis	681	545	507	380	388	394	401	509	534	774	899	731
Cryptosporidiosis	144	120	49	25	22	30	18	21	25	36	32	85
Dengue fever	14	8	14	14	11	19	18	29	17	22	9	10
Gastroenteritis ²	103	118	66	52	43	37	49	73	47	50	44	50
Giardiasis	108	142	125	156	157	195	114	157	144	174	145	106
Haemophilus influenzae type b	1	3	0	0	1	0	1	0	1	0	0	1
Hepatitis A	7	2	9	2	1	2	1	10	18	10	2	1
Hepatitis B ³	5	3	5	4	2	5	1	3	1	3	4	0
Hepatitis C ³	1	8	4	4	4	5	3	1	3	4	4	2
Invasive pneumococcal disease	53	54	53	66	54	36	38	36	15	26	37	34
Legionellosis	11	11	5	16	7	10	7	5	9	13	22	18
Leptospirosis	14	9	4	10	5	5	5	2	4	2	2	11
Listeriosis	2	0	1	4	4	1	3	3	2	3	1	0
Malaria	4	3	6	4	3	1	2	2	1	2	2	4
Measles	2	1	7	38	98	11	10	50	39	22	6	0
Meningococcal disease	5	7	8	4	4	8	2	3	1	2	3	2
Mumps	7	4	1	2	0	0	0	5	0	1	1	2
Paratyphoid fever	1	0	2	1	1	3	2	3	1	3	0	2
Pertussis	114	81	75	93	88	91	81	89	103	170	158	208
Rheumatic fever	13	22	20	36	16	20	11	18	17	19	27	13
Rickettsial disease	2	1	0	0	0	0	0	0	0	0	1	1
Rubella	0	0	0	3	0	0	0	0	0	1	0	0
Salmonellosis	84	93	63	71	73	95	51	74	102	104	96	94
Shigellosis	9	12	14	13	11	14	4	19	14	7	9	4
Tuberculosis disease	29	27	32	19	17	25	27	39	18	32	24	22
Typhoid fever	2	4	1	5	4	1	1	7	4	7	5	3
VTEC/STEC infection	21	23	17	8	11	22	22	34	10	11	4	6
Yersiniosis	186	177	30	35	31	20	27	33	36	54	36	61

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