
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 6 October 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: One confirmed case of chikungunya fever was notified in September 2014. The case was a female in the 60–69 years age group from Waitemata DHB. The case was in Samoa during the incubation period.

Leprosy: One confirmed case of tuberculoid leprosy was notified in September 2014. The case was a male in the 60–69 years age group from Hutt Valley DHB. The case was in Samoa during the incubation period.

Leptospirosis: 12 cases of leptospirosis were notified in September 2014 (4 confirmed, 3 probable and 5 under investigation). One of these cases has since been found not to meet the case criteria after further investigation. This compared to six cases notified during the same month of the previous year. The four confirmed cases were from Counties Manukau, Waikato, Hawke's Bay, and Nelson Marlborough (1 case each) DHBs. Occupation was recorded for three cases: farmers (2 cases) and freezing worker (1 case). *Leptospira* species were recorded for three cases: *Leptospira* Hardjo (2 cases), and *L. Copenhageni* (1 case).

Rickettsial disease: One case of confirmed murine typhus (*Rickettsia typhi*) was notified in September 2014. The case was a male in the 60–69 years age group from Waikato DHB. The case lives in the bush and has contact with rats.

Ross River virus infection: One case of Ross River virus infection was notified in September 2014. The case was a male in the 50–59 years age group from Northland DHB. The case was in Australia during the incubation period.

Typhoid fever: Three cases of typhoid fever were notified in September 2014 compared to zero cases notified during the same month of the previous year. The cases were from Auckland (2 cases) and Tairāwhiti (1 case) DHBs. The cases were in the 5–9 years (2 cases) and the 30–39 years (1 case) age groups. All cases were hospitalised. Two cases reported travelling during the incubation period and the countries they visited were India and Pakistan. The case that did not report overseas travel had contact with a relative from India who had typhoid fever before coming to New Zealand.

VTEC/STEC infection: 25 cases of VTEC/STEC infection were notified in September 2014 compared to 18 cases notified during the same month of the previous year (Figure 1). The highest number of cases was reported from Waikato DHB (8 cases). The highest number of cases occurred in the 1–4 years age group (9 cases). Seven cases were hospitalised. The serotype/organism was identified by the Enteric Reference Laboratory for 23 cases of which 87.0% (20/23) were *Escherichia coli* O157:H7. Among the cases for which risk factor information was recorded, 86.7% (13/15) had contact with animals and 60.0% (9/15) attended school, pre-school or childcare. One finalised outbreak of *E. coli* O157:H7 was reported in September involving two cases.

Yersiniosis: 181 cases of yersiniosis were notified in September 2014. Four of these cases have since been found not to meet the case criteria after further investigation (Figure 2). This compared to 57 cases notified during the same month of the previous year. The highest numbers of cases were reported from Canterbury (80 cases), Capital & Coast (19 cases), Auckland (14 cases) and Bay of Plenty (10 cases) DHBs. The cases ranged in age from 16 months to 86 years, with the highest numbers of cases in the 40–49 years (34 cases), 20–29 years (33 cases), 30–39 years (27 cases), 50–59 years (22 cases), and 60–69 years (19 cases) age groups. Thirty-nine cases were hospitalised. The biotype involved was identified in 156 (88.1%) of the cases: *Yersinia pseudotuberculosis* (119 cases), *Y. enterocolitica* biotype 1A (18 cases), *Y. enterocolitica* biotype 2 (11 cases), *Y. enterocolitica* biotype 3 and *Y. enterocolitica* biotype 4 (4 cases each). Among the cases for which risk factor information was recorded, 68.4% (54/79) had consumed food from a food premises, and 33.3% (30/90) had contact with farm animals.

2. Outbreaks

During September 2014, a total of 85 outbreaks (36 final and 49 interim) were created (Table 1 and Table 2). 68.2% were outbreaks of acute gastroenteritis (16 finalised and 41 interim) involving 323 cases in total. This compares with 24 acute gastroenteritis outbreaks involving 426 cases in total created during the same month of the previous year. Of the 57 acute gastroenteritis outbreaks, 21.1% (12/57) were recorded as norovirus, 19.3% (11/57) as rotavirus, 1.8% (1/57) as astrovirus and the remaining 34 did not have a pathogen recorded. The majority of acute gastroenteritis outbreaks (35.1%, 20 outbreaks) had person-to-person mode of transmission reported. The most commonly reported settings where exposure occurred were in childcare centres (14 outbreaks) and long term care facilities (11 outbreaks).

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

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
Astrovirus ^{1,2}	Canterbury	1	47
<i>Campylobacter</i>	Bay of Plenty, MidCentral	2	6
<i>Cryptosporidium</i>	Waitemata, Auckland, Waikato	5	14
<i>Escherichia coli</i> O157:H7	Waikato	1	2
Gastroenteritis ²	Counties Manukau, Taranaki, Hawke's Bay, MidCentral	5	20
<i>Giardia</i> ^{2,3}	Waitemata, Auckland, Counties Manukau, Waikato	7	29
<i>Mycobacterium tuberculosis</i>	Capital & Coast	1	2
<i>Neisseria meningitidis</i> ²	Canterbury	1	2
Norovirus ^{1,2}	Auckland, MidCentral, Canterbury, Southern	7	133
Rotavirus ²	Waikato, Capital & Coast, Nelson Marlborough, Canterbury	4	84
<i>Salmonella</i> ^{1,2}	Auckland	3	10
<i>Varicella zoster</i>	Hutt Valley	1	21
Total		36	317

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

² Includes outbreaks reported to PHSs prior to September 2014: *Giardia* (1) reported in April, norovirus (1) and *Salmonella* (1) in June, gastroenteritis (2), norovirus/astrovirus (1), norovirus/*Salmonella* (1), rotavirus (1), *Salmonella* (1), and *Neisseria meningitidis* (1) all reported in August.

³ Includes one *Giardia* outbreak with an overseas transmission in Indonesia.

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

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
<i>Campylobacter</i> ¹	Waikato, Canterbury, South Canterbury	3	5
<i>Cryptosporidium</i> ¹	Waikato	1	-
Gastroenteritis ¹	Waitemata, Auckland, Bay of Plenty, Taranaki, MidCentral, Hutt Valley, Capital & Coast, Canterbury, Southern	29	51
<i>Giardia</i>	Waitemata, Auckland	3	7
Influenza virus ¹	Capital & Coast	1	-
Norovirus ¹	South Canterbury, Southern	5	7
Rotavirus ¹	Hawke's Bay, Hutt Valley, Capital & Coast	7	28
Total		49	98

¹ 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 September 2014 (Table 3).

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

Disease	District health board	Age group (years)
Invasive pneumococcal disease	Capital & Coast	60–69

4. Trends in selected diseases to September 2014

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

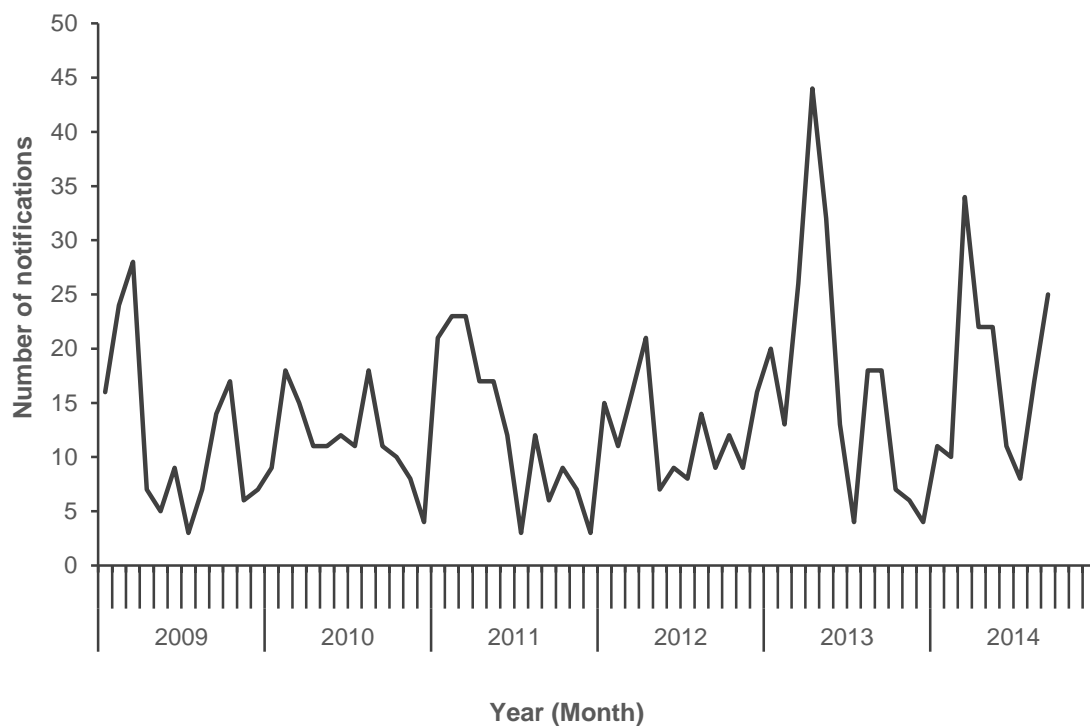
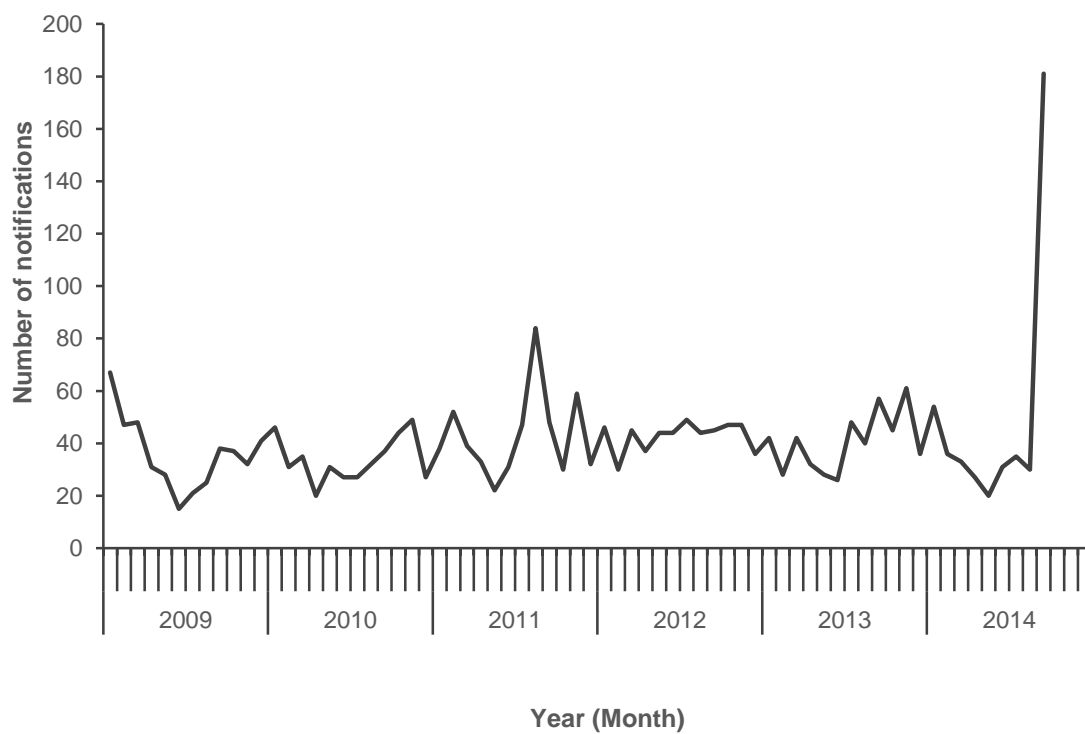


Figure 2. Yersiniosis notifications by month, January 2009–September 2014



5. Data tables

National Notifiable Disease Surveillance Data September 2014

Disease	Current Year - 2014 ¹			Previous Year - 2013		
	September 2014 Cases	Cumulative total since 1 January	Current 12 Month Rate ²	September 2013 Cases	Cumulative total since 1 January	Current 12 Month Rate ²
Campylobacteriosis	546	4433	150.3	663	4551	148.2
Cryptosporidiosis	120	346	14.1	184	1064	30.9
Dengue fever	8	152	4.1	7	74	1.9
Gastroenteritis ³	119	536	15.1	47	420	15.8
Giardiasis	143	1365	39.6	145	1324	38.1
Haemophilus influenzae type b	5	8	0.2	0	1	0.0
Hepatitis A	2	55	1.6	5	73	1.8
Hepatitis B ⁴	3	27	0.8	3	20	0.8
Hepatitis C ⁴	8	36	1.0	1	28	0.8
Invasive pneumococcal disease	54	378	11.1	64	361	10.4
Legionellosis	11	84	3.1	15	96	3.2
Leptospirosis	12	51	1.5	6	43	1.4
Listeriosis	0	21	0.5	2	17	0.5
Malaria	3	24	0.7	4	39	1.1
Measles	3	278	6.4	0	1	0.0
Meningococcal disease	7	39	1.1	11	58	1.8
Mumps	5	14	0.4	3	20	0.6
Paratyphoid fever	0	16	0.4	3	22	0.6
Pertussis	90	882	33.4	262	2930	103.7
Rheumatic fever	21	179	5.3	22	145	3.6
Rickettsial disease	1	1	0.1	2	7	0.2
Rubella	0	4	0.1	0	1	0.0
Salmonellosis	93	726	22.8	87	851	25.3
Shigellosis	12	108	2.9	9	114	3.1
Tuberculosis disease	28	237	7.0	33	200	6.4
Typhoid fever	3	33	1.0	0	39	1.2
VTEC/STEC infection	25	160	4.0	18	188	5.0
Yersiniosis	181	447	13.2	57	343	10.6

¹ These data are provisional

² Rate is based on the cumulative total for the current year (12 months up to and including September 2014) or the previous year (12 months up to and including September 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 September: Chikungunya fever (1), Leprosy (1), Ross River virus infection (1)

Notifiable Disease Surveillance Data by District Health Board September 2014

		Cases ¹ and current rate ² for September 2014 by District Health Board ³																			
		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	22	51	46	48	67	16	32	4	21	30	7	15	10	39	4	7	8	70	9	40
	Rate	134.2	123.1	119.0	98.3	198.0	161.2	134.3	156.3	172.5	208.4	163.5	169.7	114.0	160.7	167.2	144.4	208.3	161.0	308.7	194.6
Cryptosporidiosis	Cases	6	9	6	5	24	2	6	1	9	4	1	7	0	3	2	1	2	15	4	13
	Rate	17.0	9.1	7.7	5.2	23.6	10.7	10.8	12.8	20.8	18.0	9.6	13.6	5.6	8.7	24.6	12.7	27.6	22.7	47.4	21.9
Dengue fever	Cases	0	0	1	0	1	0	1	0	0	0	0	0	0	1	0	1	0	2	0	1
	Rate	2.5	5.0	9.6	8.3	2.1	3.9	5.6	0.0	0.0	2.6	1.6	0.6	3.5	3.0	0.0	1.4	0.0	2.6	1.8	1.3
Gastroenteritis	Cases	0	10	7	3	0	2	0	0	0	0	1	15	23	53	1	2	0	1	0	1
	Rate	1.9	13.2	17.3	7.0	5.4	7.8	8.9	0.0	5.4	0.0	43.3	65.4	47.3	54.3	12.3	4.2	12.3	6.1	1.8	3.6
Giardiasis	Cases	6	15	15	18	13	7	9	1	0	7	0	3	7	16	2	3	2	13	0	6
	Rate	39.1	41.3	43.8	32.8	49.4	69.9	50.3	49.3	30.7	54.7	24.0	17.7	33.4	44.3	44.3	34.0	27.6	33.3	38.6	33.9
Haemophilus influenzae type b	Cases	1	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	1	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	0.2	0.0	0.0
Hepatitis A	Cases	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	1.9	3.0	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	1.4	0.0	0.0
Hepatitis B	Cases	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1
	Rate	1.9	0.7	0.2	0.8	1.1	0.0	0.5	0.0	0.0	1.3	1.6	0.0	0.7	0.0	0.0	0.7	0.0	1.8	0.0	1.3
Hepatitis C	Cases	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	4	0	1
	Rate	4.4	0.2	0.9	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	2.0	0.0	1.6
Invasive pneumococcal	Cases	6	4	5	2	6	2	3	2	2	2	0	1	3	4	1	2	0	4	0	5
	Rate	13.9	8.5	12.8	12.2	11.3	27.2	15.5	8.6	11.7	11.6	16.0	13.6	10.4	9.3	14.8	5.7	6.1	9.5	5.3	7.1
Legionellosis	Cases	4	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
	Rate	6.3	3.7	1.3	3.3	1.1	1.0	0.9	0.0	2.7	0.6	0.0	4.1	0.7	0.3	0.0	1.4	18.4	9.7	3.5	1.9
Leptospirosis	Cases	0	0	0	1	1	0	2	1	2	1	0	0	1	0	0	1	0	1	0	1
	Rate	1.3	0.2	0.0	0.4	1.3	3.9	1.9	2.1	6.3	12.2	3.2	3.5	0.7	0.0	4.9	0.7	3.1	0.6	5.3	1.0
Listeriosis	Cases	0	0	0	0	0	0	0	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	0.9	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	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	Rate	0.0	0.4	2.4	0.4	0.8	0.0	0.5	0.0	0.9	0.0	1.6	0.0	2.1	0.3	0.0	0.7	0.0	1.0	0.0	0.3
Measles	Cases	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	Rate	3.8	11.2	4.5	5.6	33.5	14.6	1.9	4.3	0.9	7.7	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.2	0.0	0.0
Meningococcal disease	Cases	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
	Rate	2.5	0.7	0.6	0.8	1.3	0.0	1.4	2.1	0.9	1.9	0.0	1.2	0.7	0.3	2.5	1.4	0.0	1.6	1.8	1.6
Mumps	Cases	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	0	0
	Rate	0.0	0.5	0.9	0.2	0.0	1.0	0.5	2.1	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.8	0.0	0.0
Paratyphoid 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	0.7	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	0.6	0.0	0.6	0.6
Pertussis	Cases	2	18	14	13	1	0	0	2	4	6	0	1	0	6	0	7	0	8	0	8
	Rate	31.5	35.6	25.9	42.9	40.8	19.4	23.5	42.8	28.0	23.8	1.6	5.3	32.7	37.0	2.5	89.9	52.1	40.2	17.5	20.3
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	0	2	3	6	4	2	0	1	0	0	0	0	0	1	1	0	0	1	0	0
	Rate	10.1	2.3	5.3	19.0	6.4	7.8	3.3	25.7	0.0	3.2	1.6	0.6	2.8	3.3	2.5	0.0	3.1	1.6	0.0	0.3
Rickettsial disease	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	0.2	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	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	0	9	10	8	2	2	4	1	5	4	0	2	1	5	4	3	2	12	2	17
	Rate	22.0	24.9	24.8	16.1	18.0	16.5	20.7	32.1	13.6	19.9	12.8	15.3	15.3	17.3	32.0	21.9	18.4	27.8	33.3	44.2
Shigellosis	Cases	1	1	2	5	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0
	Rate	1.9	2.7	6.6	6.6	2.4	1.0	0.5	0.0	1.8	1.3	0.0	0.6	1.4	3.3	0.0	0.0	0.0	1.0	7.0	3.6
Tuberculosis disease	Cases	0	9	6	1	1	0	1	1	1	0	0	1	2	0	0	0	0	5	0	0
	Rate	4.4	6.0	12.6	11.6	5.9	3.9	5.2	2.1	3.6	2.6	3.2	8.3	4.9	14.0	7.4	2.1	3.1	5.3	3.5	1.6
Typhoid fever	Cases	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.5	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	0.3
VTEC/STEC infection	Cases	3	2	0	3	8	2	0	0	0	0	1	2	0	0	0	1	0	2	0	1
	Rate	7.6	2.8	3.0	3.5	10.2	3.9	4.7	0.0	4.5	1.9	3.2	2.4	2.1	2.0	2.5	2.1	0.0	4.5	8.8	3.2
Yersiniosis	Cases	2	5	14	9	6	7	10	0	1	4	1	1	6	19	0	1	1	81	5	8
	Rate	6.3	8.2	12.4	9.7	11.8	27.2	16.0	15.0	7.2	7.7	3.2	7.7	12.5	21.3	2.5	0.7	9.2	30.5	15.8	8.4

¹ These data are provisional

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

		Cases ¹ and current rate ² for September 2014 by District Health Board ³																			
Disease		Northland	Waitemata	Auckland	Counties Manukau	Waikato	Lakes	Bay of Plenty	Tairāwhiti	Taranaki	Hawkes Bay	Whanganui	MidCentral	Hutt Valley	Capital and Coast	Wairarapa	Nelson Marlborough	West Coast	Canterbury	South Canterbury	Southern
Campylobacteriosis	Cases	22	51	46	48	67	16	32	4	21	30	7	15	10	39	4	7	8	70	9	40
	Rate	134.2	123.1	119.0	98.3	198.0	161.2	134.3	156.3	172.5	208.4	163.5	169.7	114.0	160.7	167.2	144.4	208.3	161.0	308.7	194.6
Cryptosporidiosis	Cases	6	9	6	5	24	2	6	1	9	4	1	7	0	3	2	1	2	15	4	13
	Rate	17.0	9.1	7.7	5.2	23.6	10.7	10.8	12.8	20.8	18.0	9.6	13.6	5.6	8.7	24.6	12.7	27.6	22.7	47.4	21.9
Dengue fever	Cases	0	0	1	0	1	0	1	0	0	0	0	0	0	1	0	1	0	2	0	1
	Rate	2.5	5.0	9.6	8.3	2.1	3.9	5.6	0.0	0.0	2.6	1.6	0.6	3.5	3.0	0.0	1.4	0.0	2.6	1.8	1.3
Gastroenteritis	Cases	0	10	7	3	0	2	0	0	0	0	1	15	23	53	1	2	0	1	0	1
	Rate	1.9	13.2	17.3	7.0	5.4	7.8	8.9	0.0	5.4	0.0	43.3	65.4	47.3	54.3	12.3	4.2	12.3	6.1	1.8	3.6
Giardiasis	Cases	6	15	15	18	13	7	9	1	0	7	0	3	7	16	2	3	2	13	0	6
	Rate	39.1	41.3	43.8	32.8	49.4	69.9	50.3	49.3	30.7	54.7	24.0	17.7	33.4	44.3	44.3	34.0	27.6	33.3	38.6	33.9
Haemophilus influenzae type b	Cases	1	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	1	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	0.2	0.0	0.0
Hepatitis A	Cases	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	1.9	3.0	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	1.4	0.0	0.0
Hepatitis B	Cases	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1
	Rate	1.9	0.7	0.2	0.8	1.1	0.0	0.5	0.0	0.0	1.3	1.6	0.0	0.7	0.0	0.0	0.7	0.0	1.8	0.0	1.3
Hepatitis C	Cases	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	4	0	1
	Rate	4.4	0.2	0.9	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	2.0	0.0	1.6
Invasive pneumococcal disease	Cases	6	4	5	2	6	2	3	2	2	2	0	1	3	4	1	2	0	4	0	5
	Rate	13.9	8.5	12.8	12.2	11.3	27.2	15.5	8.6	11.7	11.6	16.0	13.6	10.4	9.3	14.8	5.7	6.1	9.5	5.3	7.1
Legionellosis	Cases	4	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
	Rate	6.3	3.7	1.3	3.3	1.1	1.0	0.9	0.0	2.7	0.6	0.0	4.1	0.7	0.3	0.0	1.4	18.4	9.7	3.5	1.9
Leptospirosis	Cases	0	0	0	1	1	0	2	1	2	1	0	0	1	0	0	1	0	1	0	1
	Rate	1.3	0.2	0.0	0.4	1.3	3.9	1.9	2.1	6.3	12.2	3.2	3.5	0.7	0.0	4.9	0.7	3.1	0.6	5.3	1.0
Listeriosis	Cases	0	0	0	0	0	0	0	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	0.9	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	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	Rate	0.0	0.4	2.4	0.4	0.8	0.0	0.5	0.0	0.9	0.0	1.6	0.0	2.1	0.3	0.0	0.7	0.0	1.0	0.0	0.3
Measles	Cases	0	0	0	0	0	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	Rate	3.8	11.2	4.5	5.6	33.5	14.6	1.9	4.3	0.9	7.7	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.2	0.0	0.0
Meningococcal disease	Cases	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
	Rate	2.5	0.7	0.6	0.8	1.3	0.0	1.4	2.1	0.9	1.9	0.0	1.2	0.7	0.3	2.5	1.4	0.0	1.6	1.8	1.6
Mumps	Cases	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3	0	0
	Rate	0.0	0.5	0.9	0.2	0.0	1.0	0.5	2.1	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.8	0.0	0.0
Paratyphoid 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	0.7	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	2	18	14	13	1	0	0	2	4	6	0	1	0	6	0	7	0	8	0	8
	Rate	31.5	35.6	25.9	42.9	40.8	19.4	23.5	42.8	28.0	23.8	1.6	5.3	32.7	37.0	2.5	89.9	52.1	40.2	17.5	20.3
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	0	2	3	6	4	2	0	1	0	0	0	0	0	1	1	0	0	1	0	0
	Rate	10.1	2.3	5.3	19.0	6.4	7.8	3.3	25.7	0.0	3.2	1.6	0.6	2.8	3.3	2.5	0.0	3.1	1.6	0.0	0.3
Rickettsial disease	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	0.2	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	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	0	9	10	8	2	2	4	1	5	4	0	2	1	5	4	3	2	12	2	17
	Rate	22.0	24.9	24.8	16.1	18.0	16.5	20.7	32.1	13.6	19.9	12.8	15.3	15.3	17.3	32.0	21.9	18.4	27.8	33.3	44.2
Shigellosis	Cases	1	1	2	5	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0
	Rate	1.9	2.7	6.6	6.6	2.4	1.0	0.5	0.0	1.8	1.3	0.0	0.6	1.4	3.3	0.0	0.0	0.0	1.0	7.0	3.6
Tuberculosis disease	Cases	0	9	6	1	1	0	1	1	1	0	0	1	2	0	0	0	0	5	0	0
	Rate	4.4	6.0	12.6	11.6	5.9	3.9	5.2	2.1	3.6	2.6	3.2	8.3	4.9	14.0	7.4	2.1	3.1	5.3	3.5	1.6
Typhoid fever	Cases	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.5	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	0.3
VTEC/STEC infection	Cases	3	2	0	3	8	2	0	0	0	0	1	2	0	0	0	1	0	2	0	1
	Rate	7.6	2.8	3.0	3.5	10.2	3.9	4.7	0.0	4.5	1.9	3.2	2.4	2.1	2.0	2.5	2.1	0.0	4.5	8.8	3.2
Yersiniosis	Cases	2	5	14	9	6	7	10	0	1	4	1	1	6	19	0	1	1	81	5	8
	Rate	6.3	8.2	12.4	9.7	11.8	27.2	16.0	15.0	7.2	7.7	3.2	7.7	12.5	21.3	2.5	0.7	9.2	30.5	15.8	8.4

¹ These data are provisional

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

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

National Notifiable Disease Surveillance Data September 2014

Disease	Current Year - 2014 ¹			Previous Year - 2013		
	September 2014 Cases	Cumulative total since 1 January	Current 12 Month Rate ²	September 2013 Cases	Cumulative total since 1 January	Current 12 Month Rate ²
Campylobacteriosis	546	4433	150.3	663	4551	148.2
Cryptosporidiosis	120	346	14.1	184	1064	30.9
Dengue fever	8	152	4.1	7	74	1.9
Gastroenteritis ³	119	536	15.1	47	420	15.8
Giardiasis	143	1365	39.6	145	1324	38.1
Haemophilus influenzae type b	5	8	0.2	0	1	0.0
Hepatitis A	2	55	1.6	5	73	1.8
Hepatitis B ⁴	3	27	0.8	3	20	0.8
Hepatitis C ⁴	8	36	1.0	1	28	0.8
Invasive pneumococcal disease	54	378	11.1	64	361	10.4
Legionellosis	11	84	3.1	15	96	3.2
Leptospirosis	12	51	1.5	6	43	1.4
Listeriosis	0	21	0.5	2	17	0.5
Malaria	3	24	0.7	4	39	1.1
Measles	3	278	6.4	0	1	0.0
Meningococcal disease	7	39	1.1	11	58	1.8
Mumps	5	14	0.4	3	20	0.6
Paratyphoid fever	0	16	0.4	3	22	0.6
Pertussis	90	882	33.4	262	2930	103.7
Rheumatic fever	21	179	5.3	22	145	3.6
Rickettsial disease	1	1	0.1	2	7	0.2
Rubella	0	4	0.1	0	1	0.0
Salmonellosis	93	726	22.8	87	851	25.3
Shigellosis	12	108	2.9	9	114	3.1
Tuberculosis disease	28	237	7.0	33	200	6.4
Typhoid fever	3	33	1.0	0	39	1.2
VTEC/STEC infection	25	160	4.0	18	188	5.0
Yersiniosis	181	447	13.2	57	343	10.6

¹ These data are provisional

² Rate is based on the cumulative total for the current year (12 months up to and including September 2014) or the previous year (12 months up to and including September 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 September: Chikungunya fever (1), Leprosy (1), Ross River virus infection (1)

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

Disease	Sep 2014	Aug 2014	Jul 2014	Jun 2014	May 2014	Apr 2014	Mar 2014	Feb 2014	Jan 2014	Dec 2013	Nov 2013	Oct 2013
Campylobacteriosis	546	507	380	388	394	401	509	534	774	899	731	656
Cryptosporidiosis	120	49	25	22	30	18	21	25	36	32	85	167
Dengue fever	8	14	14	11	19	18	29	17	22	9	10	13
Gastroenteritis ²	119	66	52	43	37	49	73	47	50	44	50	44
Giardiasis	143	125	156	157	195	114	157	144	174	145	106	154
Haemophilus influenzae type b	5	0	0	1	0	1	0	1	0	0	1	0
Hepatitis A	2	9	2	1	2	1	10	18	10	2	1	15
Hepatitis B ³	3	5	4	2	5	1	3	1	3	4	0	4
Hepatitis C ³	8	4	4	4	5	3	1	3	4	4	2	2
Invasive pneumococcal disease	54	53	66	54	36	38	36	15	26	37	34	47
Legionellosis	11	5	17	7	10	7	5	9	13	22	18	15
Leptospirosis	12	4	12	5	5	5	2	4	2	2	11	3
Listeriosis	0	1	4	4	1	3	3	2	3	1	0	1
Malaria	3	6	4	3	1	2	2	1	2	2	4	2
Measles	3	7	38	98	11	10	50	39	22	6	0	1
Meningococcal disease	7	8	4	4	8	2	3	1	2	3	2	5
Mumps	5	1	2	0	0	0	5	0	1	1	2	0
Paratyphoid fever	0	2	1	1	3	2	3	1	3	0	2	1
Pertussis	90	77	93	88	91	81	89	103	170	158	208	244
Rheumatic fever	21	21	36	16	20	11	18	17	19	27	13	16
Rickettsial disease	1	0	0	0	0	0	0	0	0	1	1	0
Rubella	0	0	3	0	0	0	0	0	1	0	0	0
Salmonellosis	93	63	71	73	95	51	74	102	104	96	94	102
Shigellosis	12	14	13	11	14	4	19	14	7	9	4	10
Tuberculosis disease	28	32	19	17	25	27	39	18	32	24	22	29
Typhoid fever	3	1	5	4	1	1	7	4	7	5	3	3
VTEC/STEC infection	25	17	8	11	22	22	34	10	11	4	6	7
Yersiniosis	181	30	35	31	20	27	33	36	54	36	61	45

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