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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 9 December 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

Campylobacter: 776 cases of campylobacteriosis were notified in November 2014 compared to 731 cases notified during the same month of the previous year (Figure 1). For the 12 month period ending 30 November 2014, the highest rates were in South Canterbury (292.9 per 100 000 population, 167 cases), Waikato (207.4 per 100 000 population, 773 cases), and Southern (190.8 per 100 000 population, 591 cases) DHBs compared to a national rate of 151.8 per 100 000. Five *Campylobacter* outbreaks were reported in November including three finalised outbreaks (6 cases) and two interim outbreaks (case numbers not yet established*).*

Chikungunya fever: Seven cases of chikungunya fever (5 confirmed and 2 probable) were notified in November 2014. All cases reported overseas travel during the incubation period to Samoa (4 cases), American Samoa, Antigua and Barbuda, Barbados, and French Polynesia (1 case each). One case reported travel to more than one country.

Cryptosporidiosis: 70 cases of cryptosporidiosis were notified in November 2014 compared to 85 cases notified during the same month of the previous year. The cases ranged in age from 16 months to 84 years, with the highest numbers of cases in the 1–4 years (23 cases) and 20–29 years (17 cases) age groups. The highest numbers of cases were reported from Waikato and Canterbury (12 cases each) DHBs. Among the cases where risk factor information was recorded, 64.7% (22/34) had contact with farm animals, 50.0% (15/30) had consumed untreated water, 41.9% (13/31) had contact with faecal matter, and 38.5% (15/39) had attended school, preschool or childcare. Three interim *Cryptosporidium* outbreaks were reported in November (case numbers not yet established*).*

Haemophilus influenza serotype b disease: One case of *H. influenza* serotype b disease (still under investigation) was notified in November 2014 bring the year to date total to four compared to two cases in 2013. The case was a male in the 60–69 years age group from Counties Manukau DHB.

Hepatitis NOS: One case of hepatitis NOS, still under investigation was notified in November 2014. The case was a female in the 40–49 years age group from Southern DHB.

Measles: Three cases of measles were notified in November 2014 compared with zero cases notified during the same month of the previous year. All cases were from Taranaki DHB and were linked to an outbreak. Two cases were in the 1–4 years and one case in the 30–39 years age groups. One of the cases in the 1–4 years age group had received one dose of MMR vaccine. The other was not vaccinated. Two cases reported overseas travel during the incubation period and one reported contact with another measles case in the previous three weeks. One interim measles virus outbreak was reported in November (case numbers not yet established*).*

Mumps: Four cases of mumps were notified in November 2014 compared to two cases notified during the same month of the previous year. The cases were in the 15–19 years (2 cases), 1–4 years and 30–39 years age groups (1 case each). The cases were from Auckland, Counties Manukau, Hawke's Bay and Wairarapa DBs (1 case each). One case had received one dose of MMR vaccine and another case had received two doses of vaccine. Two further cases reported having been vaccinated, but no dose information was available.

Rickettsial disease: Three cases of murine typhus were notified in November 2014. The cases were males in the 30–39 years (2 cases) and 50–59 years (1 case) age groups. Two cases were hospitalised. The occupation was recorded for two of the cases as farmer and a farm hand. One further case lives on a lifestyle block.

Salmonellosis: 61 cases of salmonellosis were notified in November 2014 compared to 94 cases notified during the same month of the previous year. The highest numbers of cases were reported from Auckland (12 cases), and Waitemata (8 cases) DHBs. The cases ranged in age from four months to 89 years, with the highest numbers of cases in the 50–59 years (11 cases), and 5–9 years (9 cases) age groups. Three cases were hospitalised. The *Salmonella* serotypes was identified in 57 (93.4%) of the cases. The most common was *S.* Typhimurium phage type 56 variant (8 cases), *S. enterica* subsp. *enterica* (I) ser. 4,[5],12 : i : -, and *S.* Weltevreden (4 cases each). Uncommon *Salmonella* serotypes confirmed this month included *S.* Kisangani and *S.* Papuana (1 case each). Among the cases for which risk factor information was recorded 48.0% (12/25) had travelled overseas, 45.0% (9/20) had consumed food from a food premises, and 41.2% (7/17) had contact with farm animals. Two *Salmonella* outbreaks were reported in November including one finalised outbreak (2 cases) and one interim outbreak (case numbers not yet established*).*

VTEC/STEC infection: 12 cases of VTEC/STEC infection were notified in November 2014 compared to six cases notified during the same month of the previous year. The highest numbers of cases were reported from Waitemata (3 cases), Canterbury and Southern (2 cases each) DHBs. The highest number of cases occurred in the 1–4 years age group (5 cases). The serotype/organism was identified by the Enteric Reference Laboratory for 10 cases of which 60.0% (6/10) were *Escherichia coli* O157:H7. Among the cases for which risk factor information was recorded, 57.1% (4/7) had contact with animals, 42.9% (3/7) attended school, pre-school or childcare, and 33.3% (2/6) had consumed non-habitual water supply.

Yersiniosis: 57 cases of yersiniosis were notified in November 2014 a decrease from 184 cases notified in the previous month (Figure 2). The highest numbers of cases were reported from Canterbury (14 cases), Auckland and Bay of Plenty (6 cases each) DHBs. The cases ranged in age from 10 months to 81 years, with the highest numbers of cases in the 50–59 years (10 cases), 20–29 years and 40–49 years (9 cases each) age groups. Six cases were hospitalised. The *Yersinia* species involved was identified in 49 (86.0%) of the cases: *Yersinia enterocolitica* (43 cases) and *Y. pseudotuberculosis* (6 cases). The most common *Y. enterocolitica* biotype reported was biotype 2 (12 cases) followed by biotype 1A (9 cases), biotype 4 (6 cases) and biotype 3 (5 cases). Among the cases for which risk factor information was recorded, 66.7% (18/27) had consumed food from a food premises. Of the 18 who had consumed food from a food premises, 50.0% (9/18) had consumed food from a supermarket. One interim *Yersinia* outbreak was reported in November (case numbers not yet established).

2. Outbreaks

During November 2014, a total of 58 outbreaks (19 final and 39 interim) were created (Table 1 and Table 2). 70.7% were outbreaks of acute gastroenteritis (12 finalised and 29 interim) involving 393 cases in total. This compares with 26 acute gastroenteritis outbreaks involving 345 cases in total created during the same month of the previous year. Of the 41 acute gastroenteritis outbreaks, 31.7% (13/41) were recorded as norovirus, 9.8% (4/41) as rotavirus, 4.9% (2/41) as sapovirus, and 2.4% (1/41) as *C. perfringens*. The remaining 22 did

not have a pathogen recorded. The majority of acute gastroenteritis outbreaks (34.1%, 14 outbreaks) had person-to-person mode of transmission reported. The most commonly reported settings where exposure occurred were in long term care facilities (13 outbreaks), childcare centres (8 outbreaks), and private homes (3 outbreaks).

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

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
Campylobacter	Waikato	3	6
Gastroenteritis	Lakes, MidCentral	4	45
Giardia[2]	Waitemata, Auckland, Whanganui	3	12
Norovirus[1]	Counties Manukau, Bay of Plenty Hawke's Bay, MidCentral, Capital & Coast, Canterbury	8	206
Sapovirus[1]	Hawke's Bay	1	25
Salmonella[3]	Auckland	1	2
Total		**19**	**271**

[1] Outbreak involved more than one pathogen therefore individual pathogen outbreak numbers may not sum to group totals.
[2] Includes one outbreak reported to PHSs prior to November 2014: *Giardia* reported in October.
[3] Includes one *Salmonella* outbreak with overseas transmission (China).

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

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
Campylobacter[1]	Waikato, Southern	2	4
Clostridium perfringens[1]	Canterbury	1	-
Cryptosporidium[1]	Waitemata, Waikato	3	6
Gastroenteritis[1, 2]	Northland, Waitemata, Auckland Counties Manukau, Waikato Capital & Coast, Nelson Marlborough, Southern	18	87
Giardia	Auckland, Waikato	2	8
Measles virus[1]	Taranaki	1	-
Norovirus[1]	Counties Manukau, Capital & Coast, Southern	5	9
Rotavirus	Southern	4	40
Salmonella	Southern	1	3
Sapovirus	Southern	1	6
Yersinia[2]	Auckland	1	4
Total		**39**	**167**

[1] Interim outbreak(s) where total number of cases had not been completed.
[2]Includes outbreaks reported to PHSs prior to November 2014: gastroenteritis (1) and *Yersinia* (1) both reported in October.

3. Deaths from notifiable diseases

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

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

Disease	District health board	Age group (years)
Invasive pneumococcal disease	Waitemata	60–69
Invasive pneumococcal disease	Lakes	70+
Legionellosis	Counties Manukau	50–59

4. Trends in selected diseases to November 2014

Figure 1. Campylobacteriosis notifications by month, January 2009–November 2014

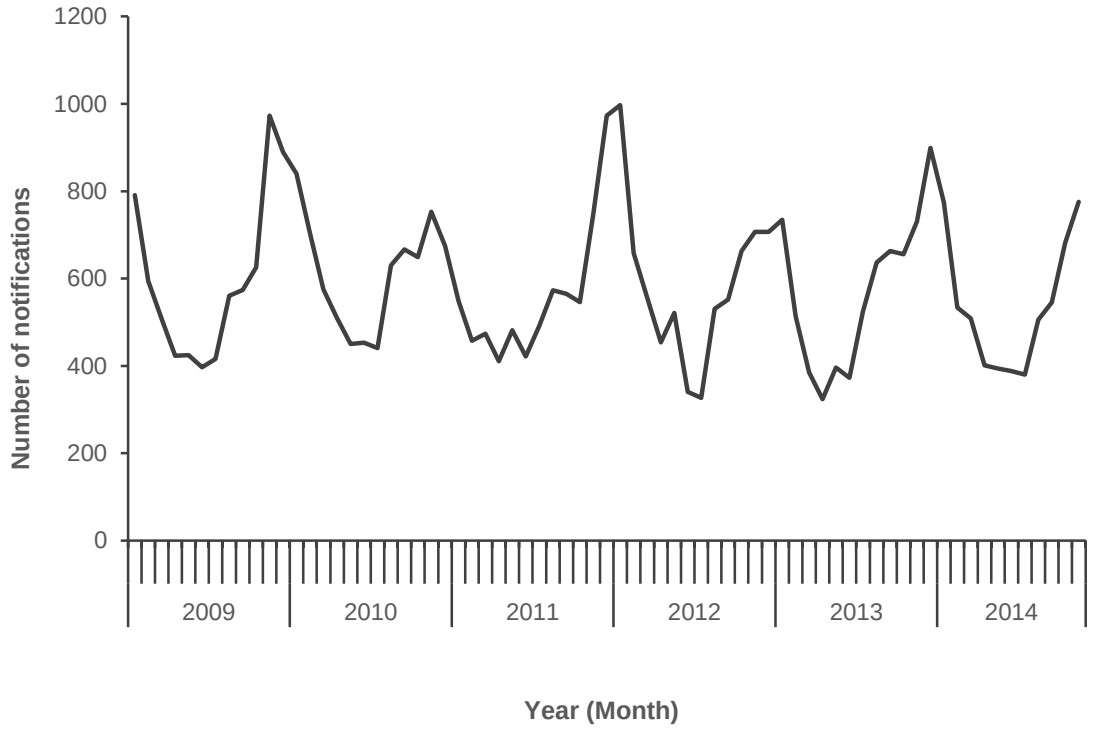
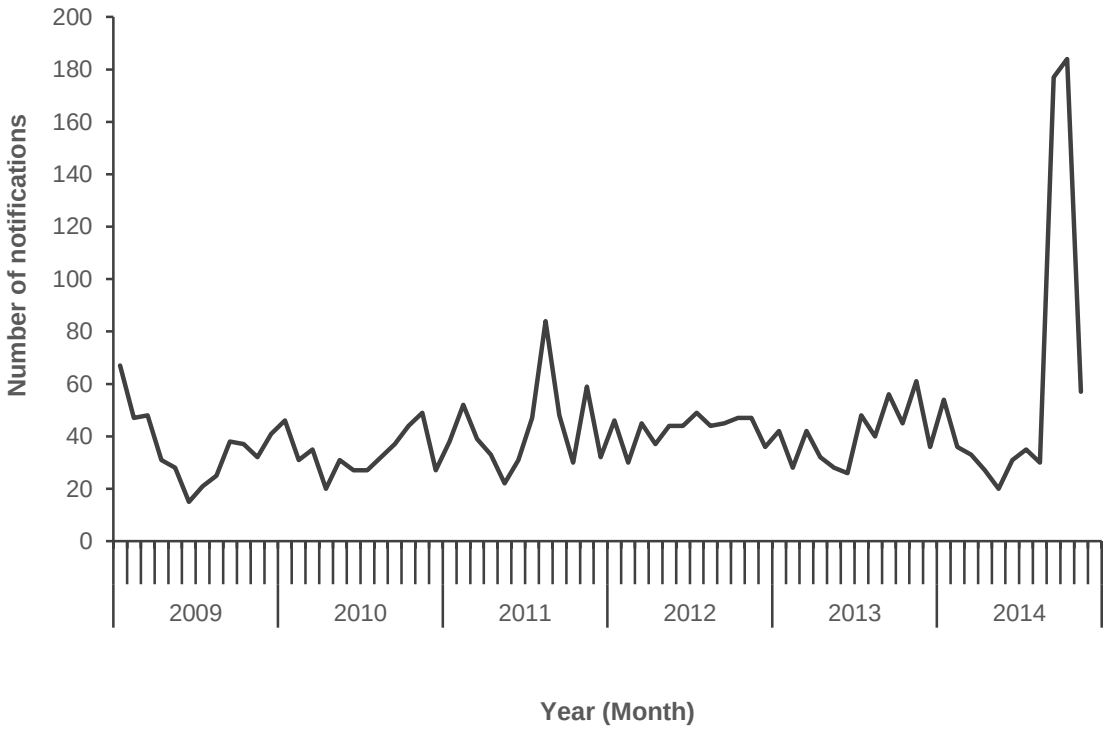


Figure 2. Yersiniosis notifications by month, January 2009–November 2014



5. Data tables

National Notifiable Disease Surveillance Data November 2014

Disease	Current Year - 2014[1]			Previous Year - 2013		
	November 2014 Cases	Cumulative total since 1 January	Current 12 Month Rate[2]	November 2013 Cases	Cumulative total since 1 January	Current 12 Month Rate[2]
Campylobacteriosis	776	5889	151.8	731	5938	148.6
Cryptosporidiosis	70	560	13.2	85	1316	30.1
Dengue fever	10	172	4.0	10	97	2.2
Gastroenteritis[3]	61	705	16.8	50	514	12.6
Giardiasis	116	1588	38.8	106	1584	38.0
Haemophilus influenzae type b	1	4	0.1	1	2	0.0
Hepatitis A	12	74	1.7	1	89	2.0
Hepatitis B[4]	1	33	0.8	0	24	0.6
Hepatitis C[4]	3	35	0.9	2	32	0.8
Invasive pneumococcal disease	39	469	11.3	34	442	10.5
Legionellosis	23	117	3.1	18	129	3.3
Leptospirosis	5	64	1.5	11	57	1.4
Listeriosis	0	23	0.5	0	18	0.5
Malaria	3	31	0.7	4	45	1.1
Measles	3	280	6.4	0	2	0.0
Meningococcal disease	1	44	1.1	2	65	1.5
Mumps	4	19	0.4	2	22	0.5
Paratyphoid fever	1	19	0.4	2	25	0.6
Pertussis	96	1077	27.6	208	3382	88.4
Rheumatic fever	6	199	5.1	13	174	4.0
Rickettsial disease	3	6	0.2	1	8	0.2
Rubella	0	4	0.1	0	1	0.0
Salmonellosis	61	868	21.6	94	1047	25.4
Shigellosis	5	122	2.9	4	128	3.0
Tuberculosis disease	22	285	6.9	22	251	6.0
Typhoid fever	2	38	1.0	3	45	1.1
VTEC/STEC infection	12	187	4.3	6	201	4.9
Yersiniosis	57	684	16.1	61	448	10.8

[1] These data are provisional

[2] Rate is based on the cumulative total for the current year (12 months up to and including November 2014) or the previous year (12 months up to and including November 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 November: Chikungunya fever (7) , Hepatitis NOS (1)

Notifiable Disease Surveillance Data by District Health Board November 2014

		Cases[1] and current rate[2] for November 2014 by District Health Board[3]																			
Disease		Northland	Waitemata	Auckland	Counties Manukau	Waikato	Lakes	Bay of Plenty	Tairawhiti	Taranaki	Hawke's Bay	Whanganui	MidCentral	Hutt Valley	Capital and Coast	Wairarapa	Nelson Marlborough	West Coast	Canterbury	South Canterbury	Southern
Campylobacteriosis	Cases	25	115	73	86	123	19	39	8	17	27	6	27	18	58	4	17	5	51	12	46
	Rate	144.3	129.8	120.5	104.2	207.4	161.2	149.8	160.6	158.1	189.8	158.6	168.6	114.0	168.7	157.4	145.1	183.8	154.3	292.9	190.8
Cryptosporidiosis	Cases	6	6	4	3	12	3	1	0	0	3	3	0	1	2	1	1	1	12	4	7
	Rate	19.5	9.6	6.8	5.8	22.0	13.6	10.3	15.0	17.2	17.4	12.8	11.2	6.9	10.0	24.6	12.0	27.6	17.9	38.6	18.7
Dengue fever	Cases	0	4	3	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0
	Rate	1.9	6.0	9.6	8.1	2.1	1.9	6.6	0.0	0.0	2.6	0.0	0.6	3.5	2.3	0.0	0.7	0.0	2.0	1.8	1.3
Gastroenteritis	Cases	0	5	6	6	0	4	5	0	0	0	1	7	3	16	0	1	0	7	0	0
	Rate	1.9	11.9	17.7	8.1	4.8	13.6	9.4	0.0	3.6	0.0	32.1	79.6	59.8	64.0	12.3	5.7	12.3	7.7	1.8	2.6
Giardiasis	Cases	2	9	22	10	16	7	2	6	0	2	4	1	3	7	1	5	0	16	1	2
	Rate	36.5	38.8	44.7	32.6	49.6	73.8	47.4	55.7	24.4	51.5	33.7	16.5	33.4	42.3	51.6	37.5	24.5	33.1	35.1	29.4
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	0.0	0.2	0.2	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	3.1	0.0	0.0	0.0
Hepatitis A	Cases	3	0	2	2	1	1	0	0	0	0	0	1	2	0	0	0	0	0	0	0
	Rate	3.1	2.8	1.9	3.5	0.5	1.0	0.9	2.1	0.0	1.9	3.2	1.2	6.3	0.7	0.0	0.0	0.0	0.6	1.8	0.0
Hepatitis B	Cases	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	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	1.4	0.3	0.0	1.4	0.0	1.8	0.0	1.3
Hepatitis C	Cases	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0
	Rate	3.8	0.2	0.4	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	1.6	0.0	1.6
Invasive pneumococcal	Cases	3	4	4	5	4	3	3	0	0	2	1	2	2	1	0	0	0	1	0	4
	Rate	15.1	8.0	13.0	14.7	11.8	24.3	14.6	15.0	12.6	10.9	14.4	13.6	10.4	9.0	14.8	5.7	3.1	8.7	5.3	8.4
Legionellosis	Cases	2	4	0	3	0	0	3	0	0	0	0	1	0	0	0	2	1	7	0	0
	Rate	8.2	3.0	1.1	3.9	1.1	1.0	2.8	0.0	1.8	0.6	0.0	4.1	0.7	0.3	0.0	2.1	18.4	8.7	3.5	1.9
Leptospirosis	Cases	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0	1
	Rate	3.8	0.2	0.0	0.4	1.1	3.9	1.9	2.1	3.6	9.6	4.8	2.9	0.0	0.0	4.9	1.4	6.1	1.0	1.8	1.6
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	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	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.2	2.4	1.0	0.8	0.0	0.5	0.0	0.9	0.0	0.0	0.0	1.4	0.3	0.0	0.0	0.0	1.2	0.0	0.3
Measles	Cases	0	0	0	0	0	0	0	0	3	0	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	3.6	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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	1.9	0.5	0.6	0.4	1.3	0.0	1.4	2.1	0.9	1.9	0.0	1.2	0.7	0.7	2.5	1.4	0.0	1.4	5.3	1.6
Mumps	Cases	0	0	1	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	Rate	0.0	0.4	0.9	0.4	0.0	1.0	0.9	2.1	0.0	1.3	0.0	0.0	0.0	0.0	2.5	0.7	0.0	0.8	0.0	0.0
Paratyphoid fever	Cases	0	0	0	0	0	0	0	0	1	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	0.9	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.6	0.0	0.6
Pertussis	Cases	2	12	4	17	7	3	7	2	1	6	0	3	2	9	0	4	0	15	1	1
	Rate	29.0	37.0	23.3	35.9	36.2	19.4	19.7	30.0	24.4	27.7	1.6	7.1	20.2	32.7	2.5	53.8	9.2	27.6	8.8	13.2
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	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	0
	Rate	10.7	2.3	5.3	17.5	5.4	7.8	3.3	27.8	0.0	3.9	3.2	0.6	2.8	3.0	4.9	0.0	3.1	1.4	0.0	0.3
Rickettsial disease	Cases	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.0	0.0	0.2	1.3	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
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	4	8	12	7	4	1	2	0	0	2	0	3	2	0	0	1	0	5	3	7
	Rate	21.4	23.8	24.2	14.7	16.9	16.5	16.9	23.6	14.5	23.2	12.8	15.3	13.2	14.3	24.6	19.1	21.4	29.6	31.6	38.7
Shigellosis	Cases	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0
	Rate	1.3	2.5	7.1	7.0	2.1	1.0	0.5	0.0	1.8	1.3	0.0	0.6	1.4	4.0	0.0	0.0	0.0	1.0	5.3	2.9
Tuberculosis disease	Cases	0	1	6	6	2	0	0	0	0	1	0	0	0	3	0	0	0	2	0	1
	Rate	4.4	6.4	14.1	10.5	5.4	4.9	5.6	4.3	3.6	2.6	3.2	8.3	6.3	12.3	4.9	1.4	3.1	5.1	3.5	1.3
Typhoid fever	Cases	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.2	3.0	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	0	3	0	1	1	0	0	0	1	0	0	0	0	0	0	1	0	2	1	2
	Rate	6.9	3.6	3.0	3.5	10.7	4.9	5.2	0.0	5.4	1.9	3.2	1.2	2.1	2.0	2.5	5.0	0.0	4.7	8.8	4.2
Yersiniosis	Cases	1	1	6	3	5	5	6	1	1	2	2	1	1	3	1	0	0	14	2	2
	Rate	7.6	9.6	16.7	11.1	15.3	28.2	20.2	12.8	8.1	10.3	4.8	6.5	12.5	22.7	4.9	2.8	9.2	39.8	24.6	11.0

[1] These data are provisional

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

		Cases[1] and current rate[2] for November 2014 by District Health Board[3]																		
Disease		Northland	Waitemata	Auckland	Counties Manukau	Waikato	Lakes	Bay of Plenty	Tairawhiti	Taranaki	Hawke's Bay	Whanganui	MidCentral	Hutt Valley	Capital and Coast	Wairarapa	Nelson Marlborough	West Coast	Canterbury	South Canterbury	Southern
Campylobacteriosis	Cases	25	115	73	86	123	19	39	8	17	27	6	27	18	58	4	17	5	51	12	46
	Rate	144.3	129.8	120.5	104.2	207.4	161.2	149.8	160.6	158.1	189.8	158.6	168.6	114.0	168.7	157.4	145.1	183.8	154.3	292.9	190.8
Cryptosporidiosis	Cases	6	6	4	3	12	3	1	0	0	3	3	0	1	2	1	1	1	12	4	7
	Rate	19.5	9.6	6.8	5.8	22.0	13.6	10.3	15.0	17.2	17.4	12.8	11.2	6.9	10.0	24.6	12.0	27.6	17.9	38.6	18.7
Dengue fever	Cases	0	4	3	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0
	Rate	1.9	6.0	9.6	8.1	2.1	1.9	6.6	0.0	0.0	2.6	0.0	0.6	3.5	2.3	0.0	0.7	0.0	2.0	1.8	1.3
Gastroenteritis	Cases	0	5	6	6	0	4	5	0	0	0	1	7	3	16	0	1	0	7	0	0
	Rate	1.9	11.9	17.7	8.1	4.8	13.6	9.4	0.0	3.6	0.0	32.1	79.6	59.8	64.0	12.3	5.7	12.3	7.7	1.8	2.6
Giardiasis	Cases	2	9	22	10	16	7	2	6	0	2	4	1	3	7	1	5	0	16	1	2
	Rate	36.5	38.8	44.7	32.6	49.6	73.8	47.4	55.7	24.4	51.5	33.7	16.5	33.4	42.3	51.6	37.5	24.5	33.1	35.1	29.4
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	0.0	0.2	0.2	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	3.1	0.0	0.0	0.0
Hepatitis A	Cases	3	0	2	2	1	1	0	0	0	0	0	1	2	0	0	0	0	0	0	0
	Rate	3.1	2.8	1.9	3.5	0.5	1.0	0.9	2.1	0.0	1.9	3.2	1.2	6.3	0.7	0.0	0.0	0.0	0.6	1.8	0.0
Hepatitis B	Cases	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	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	1.4	0.3	0.0	1.4	0.0	1.8	0.0	1.3
Hepatitis C	Cases	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0
	Rate	3.8	0.2	0.4	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	1.6	0.0	1.6
Invasive pneumococcal disease	Cases	3	4	4	5	4	3	3	0	0	2	1	2	2	1	0	0	0	1	0	4
	Rate	15.1	8.0	13.0	14.7	11.8	24.3	14.6	15.0	12.6	10.9	14.4	13.6	10.4	9.0	14.8	5.7	3.1	8.7	5.3	8.4
Legionellosis	Cases	2	4	0	3	0	0	3	0	0	0	0	1	0	0	0	2	1	7	0	0
	Rate	8.2	3.0	1.1	3.9	1.1	1.0	2.8	0.0	1.8	0.6	0.0	4.1	0.7	0.3	0.0	2.1	18.4	8.7	3.5	1.9
Leptospirosis	Cases	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0	1
	Rate	3.8	0.2	0.0	0.4	1.1	3.9	1.9	2.1	3.6	9.6	4.8	2.9	0.0	0.0	4.9	1.4	6.1	1.0	1.8	1.6
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	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	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.2	2.4	1.0	0.8	0.0	0.5	0.0	0.9	0.0	0.0	0.0	1.4	0.3	0.0	0.0	0.0	1.2	0.0	0.3
Measles	Cases	0	0	0	0	0	0	0	0	3	0	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	3.6	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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	1.9	0.5	0.6	0.4	1.3	0.0	1.4	2.1	0.9	1.9	0.0	1.2	0.7	0.7	2.5	1.4	0.0	1.4	5.3	1.6
Mumps	Cases	0	0	1	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0
	Rate	0.0	0.4	0.9	0.4	0.0	1.0	0.9	2.1	0.0	1.3	0.0	0.0	0.0	0.0	2.5	0.7	0.0	0.8	0.0	0.0
Paratyphoid fever	Cases	0	0	0	0	0	0	0	0	1	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	0.9	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.6	0.0	0.6
Pertussis	Cases	2	12	4	17	7	3	7	2	1	6	0	3	2	9	0	4	0	15	1	1
	Rate	29.0	37.0	23.3	35.9	36.2	19.4	19.7	30.0	24.4	27.7	1.6	7.1	20.2	32.7	2.5	53.8	9.2	27.6	8.8	13.2
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	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	0
	Rate	10.7	2.3	5.3	17.5	5.4	7.8	3.3	27.8	0.0	3.9	3.2	0.6	2.8	3.0	4.9	0.0	3.1	1.4	0.0	0.3
Rickettsial disease	Cases	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.0	0.0	0.2	1.3	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
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	4	8	12	7	4	1	2	0	0	2	0	3	2	0	0	1	0	5	3	7
	Rate	21.4	23.8	24.2	14.7	16.9	16.5	16.9	23.6	14.5	23.2	12.8	15.3	13.2	14.3	24.6	19.1	21.4	29.6	31.6	38.7
Shigellosis	Cases	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	1	0	0
	Rate	1.3	2.5	7.1	7.0	2.1	1.0	0.5	0.0	1.8	1.3	0.0	0.6	1.4	4.0	0.0	0.0	0.0	1.0	5.3	2.9
Tuberculosis disease	Cases	0	1	6	6	2	0	0	0	0	1	0	0	0	3	0	0	0	2	0	1
	Rate	4.4	6.4	14.1	10.5	5.4	4.9	5.6	4.3	3.6	2.6	3.2	8.3	6.3	12.3	4.9	1.4	3.1	5.1	3.5	1.3
Typhoid fever	Cases	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.2	3.0	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	0	3	0	1	1	0	0	0	1	0	0	0	0	0	0	1	0	2	1	2
	Rate	6.9	3.6	3.0	3.5	10.7	4.9	5.2	0.0	5.4	1.9	3.2	1.2	2.1	2.0	2.5	5.0	0.0	4.7	8.8	4.2
Yersiniosis	Cases	1	1	6	3	5	5	6	1	1	2	2	1	1	3	1	0	0	14	2	2
	Rate	7.6	9.6	16.7	11.1	15.3	28.2	20.2	12.8	8.1	10.3	4.8	6.5	12.5	22.7	4.9	2.8	9.2	39.8	24.6	11.0

[1] These data are provisional

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

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

National Notifiable Disease Surveillance Data November 2014

Disease	Current Year - 2014[1]			Previous Year - 2013		
	November 2014 Cases	Cumulative total since 1 January	Current 12 Month Rate[2]	November 2013 Cases	Cumulative total since 1 January	Current 12 Month Rate[2]
Campylobacteriosis	776	5889	151.8	731	5938	148.6
Cryptosporidiosis	70	560	13.2	85	1316	30.1
Dengue fever	10	172	4.0	10	97	2.2
Gastroenteritis[3]	61	705	16.8	50	514	12.6
Giardiasis	116	1588	38.8	106	1584	38.0
Haemophilus influenzae type b	1	4	0.1	1	2	0.0
Hepatitis A	12	74	1.7	1	89	2.0
Hepatitis B[4]	1	33	0.8	0	24	0.6
Hepatitis C[4]	3	35	0.9	2	32	0.8
Invasive pneumococcal disease	39	469	11.3	34	442	10.5
Legionellosis	23	117	3.1	18	129	3.3
Leptospirosis	5	64	1.5	11	57	1.4
Listeriosis	0	23	0.5	0	18	0.5
Malaria	3	31	0.7	4	45	1.1
Measles	3	280	6.4	0	2	0.0
Meningococcal disease	1	44	1.1	2	65	1.5
Mumps	4	19	0.4	2	22	0.5
Paratyphoid fever	1	19	0.4	2	25	0.6
Pertussis	96	1077	27.6	208	3382	88.4
Rheumatic fever	6	199	5.1	13	174	4.0
Rickettsial disease	3	6	0.2	1	8	0.2
Rubella	0	4	0.1	0	1	0.0
Salmonellosis	61	868	21.6	94	1047	25.4
Shigellosis	5	122	2.9	4	128	3.0
Tuberculosis disease	22	285	6.9	22	251	6.0
Typhoid fever	2	38	1.0	3	45	1.1
VTEC/STEC infection	12	187	4.3	6	201	4.9
Yersiniosis	57	684	16.1	61	448	10.8

[1] These data are provisional

[2] Rate is based on the cumulative total for the current year (12 months up to and including November 2014) or the previous year (12 months up to and including November 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 November: Chikungunya fever (7) , Hepatitis NOS (1)

National Notifiable Disease Surveillance Data - Monthly totals for November 2014 and preceding 12 Months[1]

Disease	Nov 2014	Oct 2014	Sep 2014	Aug 2014	Jul 2014	Jun 2014	May 2014	Apr 2014	Mar 2014	Feb 2014	Jan 2014	Dec 2013
Campylobacteriosis	776	682	545	506	380	388	394	401	509	534	774	899
Cryptosporidiosis	70	144	120	49	25	22	30	18	21	25	36	32
Dengue fever	10	13	6	14	13	11	19	18	29	17	22	9
Gastroenteritis[2]	61	109	118	66	52	43	37	49	73	47	50	44
Giardiasis	116	108	142	125	156	157	195	114	157	144	174	145
Haemophilus influenzae type b	1	0	0	0	0	1	0	1	0	1	0	0
Hepatitis A	12	7	2	9	2	1	2	1	10	18	10	2
Hepatitis B[3]	1	5	3	5	4	2	5	1	3	1	3	4
Hepatitis C[3]	3	0	4	4	4	4	5	3	1	3	4	4
Invasive pneumococcal disease	39	52	54	53	66	54	36	38	36	15	26	37
Legionellosis	23	11	11	5	16	7	10	7	5	9	13	22
Leptospirosis	5	14	8	4	10	5	5	5	2	4	2	2
Listeriosis	0	2	0	1	4	4	1	3	3	2	3	1
Malaria	3	4	3	6	4	3	1	2	2	1	2	2
Measles	3	1	1	7	38	98	11	10	50	39	22	6
Meningococcal disease	1	5	7	8	3	4	8	2	3	1	2	3
Mumps	4	2	4	1	2	0	0	0	5	0	1	1
Paratyphoid fever	1	2	0	2	1	1	3	2	3	1	3	0
Pertussis	96	111	81	74	93	88	91	81	89	103	170	158
Rheumatic fever	6	14	22	20	36	16	20	11	18	17	19	27
Rickettsial disease	3	2	1	0	0	0	0	0	0	0	0	1
Rubella	0	0	0	0	3	0	0	0	0	0	1	0
Salmonellosis	61	81	93	63	71	73	95	51	74	102	104	96
Shigellosis	5	9	12	14	13	11	14	4	19	14	7	9
Tuberculosis disease	22	29	27	31	19	16	25	27	39	18	32	24
Typhoid fever	2	2	4	1	5	4	1	1	7	4	7	5
VTEC/STEC infection	12	17	23	17	8	11	22	22	34	10	11	4
Yersiniosis	57	184	177	30	35	31	20	27	33	36	54	36

[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

EpiSurv data as at 9/12/2014 12:00:00 a.m.