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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 6 June 2014. Changes made to EpiSurv data after this date will not be reflected in this report. The results presented may be updated and should be regarded as provisional.

Table of contents

1. Key notifiable disease trends

Chikungunya fever: Four cases of chikungunya fever were notified in May 2014 (1 confirmed, 2 probable, and 1 under investigation). Two of the cases were males and two of the cases were females. The cases occurred in the 20–29 years, 30–39 years, 40–49 years and 50–59 years age groups (1 case each). The cases were from Waitemata, Auckland, Counties Manukau and Hutt Valley DHBs (1 case each). All of the cases were in Tonga during the incubation period.

Cryptosporidiosis: 30 cases of cryptosporidiosis were notified in May 2014 compared to 133 cases notified during the same month of the previous year (Figure 1). The cases ranged in age from 11 months to 74 years, with the highest numbers of cases in the 1–4 years (7 cases) and 20–29 years (6 cases) age groups. The highest numbers of cases were reported from Waikato (5 cases), and Waitemata and Capital & Coast (4 cases each) DHBs. Among the cases where risk factor information was recorded, 53.3% (8/15) had consumed food from a food premises, 50.0% (7/14) had contact with faecal matter, 33.3% (5/15) had recreational contact with water and 31.3% (5/16) had attended school, preschool or childcare. Two *Cryptosporidium* outbreaks were reported in May, including one finalised outbreak (2 cases) and one interim outbreak (case numbers yet to be determined).

Giardiasis: 194 cases of giardiasis were notified in May 2014 compared to 161 cases notified during the same month of the previous year. The highest numbers of cases were reported from Auckland (25 cases), Canterbury (23 cases) and Waitemata (22 cases) DHBs. Of the cases for which risk factor information was recorded, 62.5% (35/56) had contact with faecal matter, 43.9% (25/57) had contact with other symptomatic people, 38.7% (24/62) had attended school, preschool or childcare, and 34.5% (20/58) had consumed food from a food premises. Eight *Giardia* outbreaks were reported in May, including two finalised outbreaks (4 cases) and six interim outbreaks (case numbers yet to be determined).

Hepatitis not otherwise specified (NOS): One confirmed case of hepatitis NOS was notified in May 2014. The case was a male in the 70+ years age group from Waitemata DHB. The case was infected with hepatitis E and had chronic liver disease, diabetes and gout.

Leprosy: One confirmed case of leprosy was notified in May 2014. The case was a male in the 30–39 years age group from Auckland DHB and was in Samoa during the incubation period for the disease.

Measles: 14 cases of measles were notified in May 2014 (12 confirmed and 2 under investigation), three of these cases have since been found to not meet case criteria after further investigation. This compared to zero cases notified during the same month of the previous year (Figure 2). The cases were reported from Waikato (5 cases), Counties Manukau (4 cases) and Auckland (2 cases) DHBs. Cases ranged in age from six months to 34 years, with the highest number of cases in the 10–14 years age group (5 cases). Hospitalisation status was recorded for all cases of which 45.5% (5/11) were hospitalised. No deaths were reported. Of the 10 cases with immunisation information, 20.0% (2/10) were recorded as being immunised. One case in the 10–14 years age group had received one dose of the MMR vaccine and the remaining case had no dose information recorded. Of the cases for which risk factor information was recorded, 80.0% (8/10) reported contact with another measles case in the previous three weeks and 50.0% (4/8) attended school, pre-school or childcare. Three measles outbreaks were reported in May, including one finalised outbreak (2 cases) and two interim outbreaks (case numbers yet to be determined).

Shigellosis: 15 cases of shigellosis were notified in May 2014, one of these cases has since been found to not meet case criteria after further investigation. Nine cases were notified in the same month of the previous year. The highest number of cases was reported from the Auckland region (8 cases). The serotype involved was recorded for all cases: *Shigella sonnei* biotype a and *S. sonnei* biotype g (5 cases each), *S.boydii* 1, *S. boydii* 2, *S. flexneri* 1b and *S. sonnei* biotype f,(1 case each). Overseas travel during the incubation period was recorded for 8 (57.1%) cases. Countries visited included India and Singapore (3 cases each), Nepal (2 cases), and Fiji (1 case). Some cases visited more than one country. One case did not have any countries recorded but worked as a pilot. One finalised *Shigella* outbreak was reported in May (7 cases).

VTEC/STEC infection: 26 cases of VTEC/STEC infection were notified in May 2014, two of these cases have since been found to not meet case criteria after further investigation. This compares with 32 cases notified in the same month of the previous year. The highest numbers of cases were reported from Canterbury (8 cases) and Waikato (7 cases) DHBs. The highest number of cases occurred in the 1–4 years age group (11 cases). Four cases were hospitalised. The serotype/organism was identified by the Enteric Reference Laboratory for 20 cases all of which were *Escherichia coli* O157:H7. Among the cases for which risk factor information was recorded, 93.3% (14/15) had contact with animals, and 46.7% (7/15) attended school, pre-school or childcare. One interim *E. coli* O157:H7 outbreak was reported in May (case numbers yet to be determined).

Zika virus: 10 cases were notified in May 2014 (4 confirmed, 4 probable, 2 under investigation). Seven cases were female and three male. The age range for cases was 15–73 years with the highest number of cases in the 50–59 years age group (4 cases). Cases were distributed by DHB as follows: Waikato (3 cases), Auckland and Counties Manukau (2 cases each), and Waitemata, Lakes and Taranaki (1 case each). Overseas travel during the incubation period was recorded for 9 (90.0%) cases of which all cases except one travelled to the Cook Islands. The remaining case had travelled to Tonga.

2. Outbreaks

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

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
Cryptosporidium	Waitemata	1	2
Gastroenteritis[1]	Waikato, MidCentral, Capital & Coast	3	32
Giardia	Waikato	2	4
Measles virus	Counties Manukau	1	2
Norovirus	Auckland, Bay of Plenty, Taranaki, Capital & Coast, Canterbury	6	85
Salmonella	Waikato	1	2
Shigella	Capital & Coast	1	7
Total		**15**	**134**

[1] Includes outbreaks reported to PHSs prior to May 2014: gastroenteritis (2), one each reported on March and April 2014.

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

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
Acute respiratory infection[1]	Northland	1	-
Campylobacter	Hutt Valley	1	4
Clostridium difficile[1]	Southern	1	57
Cryptosporidium	Waikato	1	2
Escherichia coli O157:H7[3]	Bay of Plenty	1	3
Gastroenteritis[2]	Northland, Waitemata, Auckland Waikato, Taranaki, MidCentral, Hutt Valley, Capital & Coast, Wairarapa, Nelson Marlborough, Canterbury, Southern	30	60
Giardia[2, 3]	Waitemata, Auckland, Counties Manukau, Hawke's Bay	6	18
Measles virus[1]	Counties Manukau, Waikato	2	2
Norovirus[1,2,3]	Tairawhiti, MidCentral, Nelson Marlborough, Southern	6	186
Salmonella[2]	Waitemata, Counties Manukau, Capital & Coast	3	26
Total		**51**	**301**

[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] Includes outbreaks reported to PHSs prior to May 2014: *Giardia* (2), one each reported on February and March 2014, *E. coli* O157:H7 (1) and norovirus (1) reported on April 2014.

3. Deaths from notifiable diseases

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

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

Disease	District health board	Age group (years)
Invasive pneumococcal disease	Waitemata	40–49
Invasive pneumococcal disease	Waitemata	40–49
Invasive pneumococcal disease	Counties Manukau	70+
Invasive pneumococcal disease	Wairarapa	60–69
Meningococcal disease	MidCentral	<1
Tuberculosis disease – new case	Auckland	60–69

4. Trends in selected diseases to May 2014

Figure 1. Cryptosporidiosis notifications by month, January 2009–May 2014

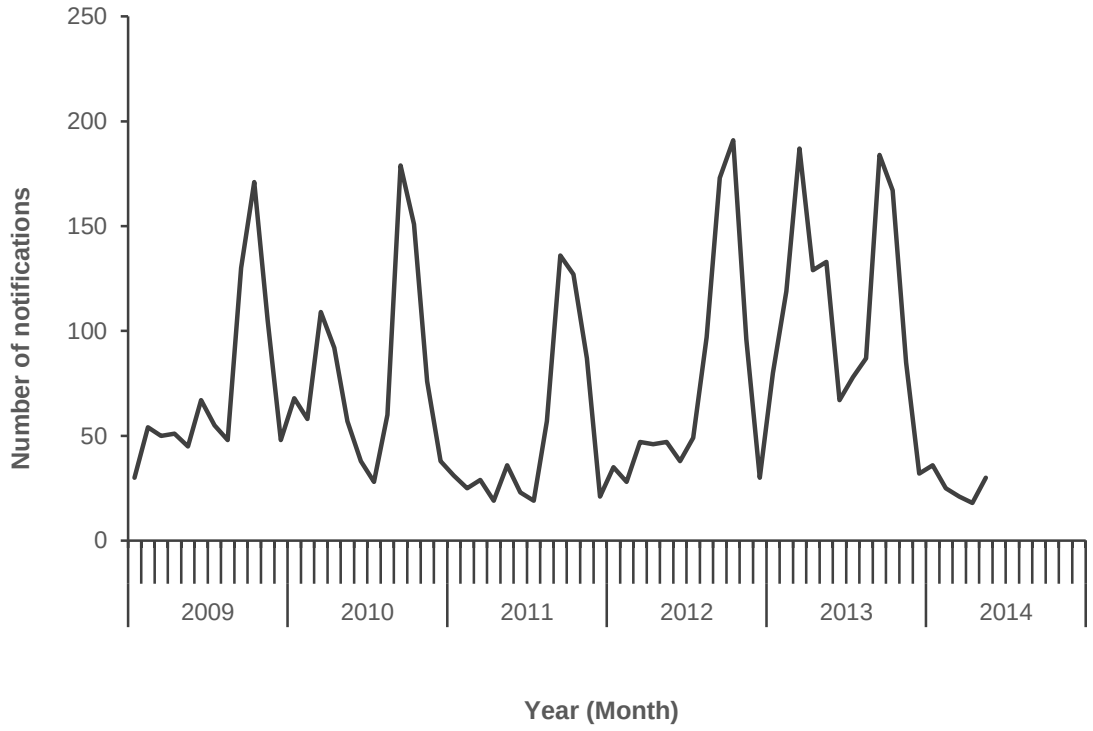
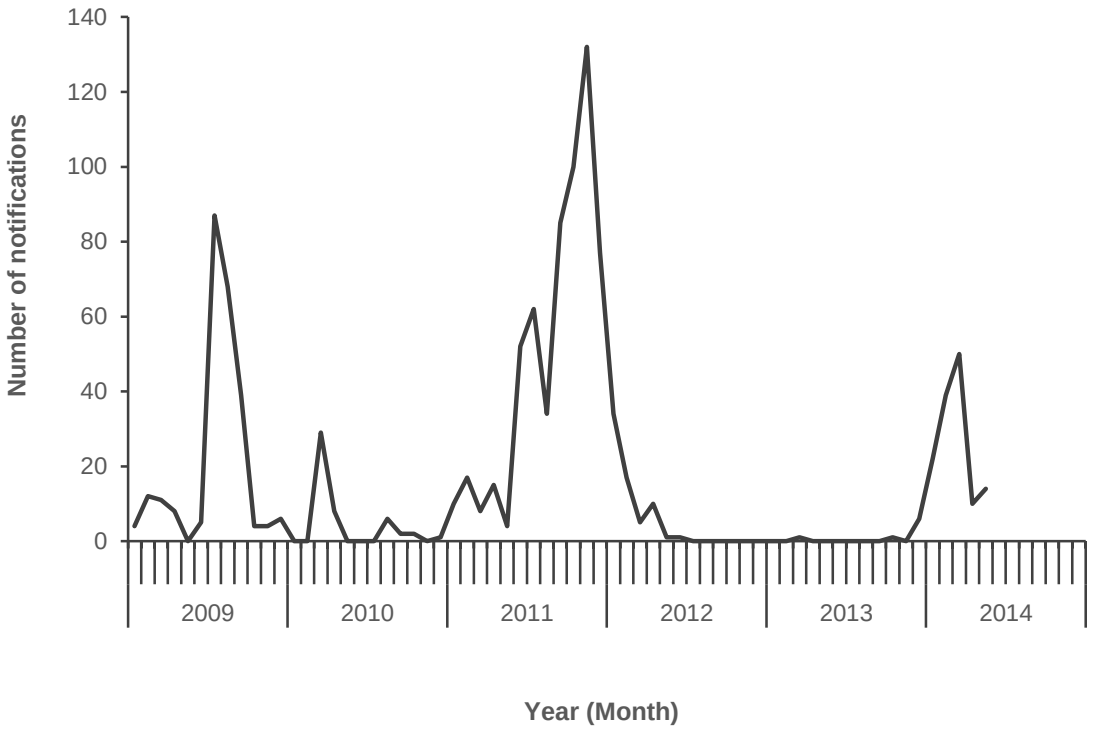


Figure 2. Measles notifications by month, January 2009–May 2014



5. Data tables

National Notifiable Disease Surveillance Data May 2014

Disease	Current Year - 2014[1]			Previous Year - 2013		
	May 2014 Cases	Cumulative total since 1 January	Current 12 Month Rate[2]	May 2013 Cases	Cumulative total since 1 January	Current 12 Month Rate[2]
Campylobacteriosis	396	2613	158.7	396	2354	139.5
Cryptosporidiosis	30	130	18.6	133	648	29.8
Dengue fever	21	108	3.8	14	44	2.1
Gastroenteritis[3]	39	258	13.5	37	212	15.6
Giardiasis	194	783	39.3	161	754	37.1
Haemophilus influenzae type b	1	5	0.1	1	1	0.1
Hepatitis A	2	41	2.1	3	37	1.3
Hepatitis B[4]	5	13	0.7	2	8	0.8
Hepatitis C[4]	6	17	0.8	2	15	0.6
Invasive pneumococcal disease	37	152	11.0	34	141	11.2
Legionellosis	11	49	3.2	8	57	3.2
Leptospirosis	9	23	1.3	6	23	1.9
Listeriosis	1	12	0.4	1	11	0.6
Malaria	1	8	0.8	2	21	1.1
Measles	14	135	3.2	0	1	0.0
Meningococcal disease	8	15	1.3	3	23	1.9
Mumps	2	8	0.4	2	14	0.7
Paratyphoid fever	3	12	0.5	5	15	0.6
Pertussis	99	548	48.6	292	1915	128.8
Rheumatic fever	20	86	4.8	18	73	4.0
Rickettsial disease	0	0	0.1	1	3	0.2
Rubella	0	1	0.0	0	0	0.0
Salmonellosis	95	426	22.8	90	550	25.3
Shigellosis	15	59	2.8	9	71	3.0
Tuberculosis disease	31	149	7.0	28	113	6.6
Typhoid fever	1	21	0.9	0	31	1.3
VTEC/STEC infection	26	104	3.9	32	135	4.8
Yersiniosis	22	173	10.9	28	172	10.9

Under investigation cases are included

[1] These data are provisional

[2] Rate is based on the cumulative total for the current year (12 months up to and including May 2014) or the previous year (12 months up to and including May 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 May: Chikungunya fever (4), Hepatitis NOS (1), Leprosy (1), Zika virus (10)

Notifiable Disease Surveillance Data by District Health Board May 2014

		Cases[1] and current rate[2] for May 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	9	40	30	23	41	5	16	4	9	15	10	27	9	33	2	18	1	51	19	34
	Rate	138.6	134.5	129.7	109.0	207.6	159.2	147.0	186.3	205.1	212.3	176.3	179.2	114.0	153.4	174.6	155.7	220.5	167.1	349.1	196.3
Cryptosporidiosis	Cases	2	4	1	1	5	1	0	0	1	0	0	2	1	4	0	1	0	3	1	3
	Rate	17.6	16.5	14.1	7.2	29.2	20.4	9.9	8.6	26.2	21.2	17.6	17.7	9.0	10.0	19.7	10.6	24.5	33.3	59.6	22.9
Dengue fever	Cases	0	4	2	4	1	0	5	0	0	0	0	1	1	1	0	0	0	1	0	1
	Rate	2.5	4.8	9.6	7.4	1.6	3.9	4.2	0.0	0.9	2.6	1.6	0.6	3.5	2.3	0.0	2.1	0.0	2.0	1.8	1.3
Gastroenteritis	Cases	1	5	4	2	2	0	3	0	2	0	0	8	0	6	0	0	0	4	0	2
	Rate	5.0	13.3	15.4	6.4	6.2	9.7	13.6	0.0	9.0	0.0	27.2	58.9	42.4	34.0	12.3	0.7	27.6	6.7	1.8	4.5
Giardiasis	Cases	11	22	25	13	13	7	17	3	6	15	3	2	3	15	1	5	0	23	1	9
	Rate	32.1	38.4	42.5	34.1	45.6	65.0	50.7	36.4	46.1	52.7	24.0	21.8	27.1	46.0	46.7	39.6	21.4	35.3	36.8	35.5
Haemophilus influenzae type b	Cases	0	1	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	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	3.1	0.2	0.0	0.0
Hepatitis A	Cases	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	Rate	2.5	2.8	1.7	2.5	0.3	0.0	0.5	0.0	0.0	4.5	0.0	0.6	4.9	0.7	0.0	0.7	0.0	5.9	1.8	1.0
Hepatitis B	Cases	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0	1
	Rate	1.9	0.4	0.4	0.8	1.3	0.0	0.9	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	3.1	1.4	0.0	1.6
Hepatitis C	Cases	2	0	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0
	Rate	3.1	0.2	1.1	0.2	0.0	0.0	0.0	0.0	2.7	0.0	3.2	0.0	2.1	0.0	0.0	0.7	0.0	2.0	0.0	2.3
Invasive pneumococcal	Cases	0	9	2	5	0	3	2	0	0	2	0	0	0	3	1	1	1	3	0	5
	Rate	10.1	9.2	9.6	13.8	11.0	26.2	15.5	8.6	9.0	14.2	17.6	11.8	8.3	8.7	14.8	10.6	18.4	8.5	7.0	8.4
Legionellosis	Cases	1	0	0	5	0	0	0	0	1	0	0	0	0	0	0	0	0	4	0	0
	Rate	4.4	4.6	1.5	3.1	0.5	1.0	0.9	0.0	2.7	0.6	0.0	3.5	0.7	0.3	0.0	0.7	21.4	10.1	3.5	2.9
Leptospirosis	Cases	0	0	0	0	0	0	1	0	2	2	0	1	0	0	0	0	1	2	0	0
	Rate	1.3	0.4	0.2	0.4	0.5	3.9	2.3	0.0	4.5	9.0	0.0	3.5	0.0	0.0	7.4	0.7	3.1	1.0	7.0	0.6
Listeriosis	Cases	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.4	1.1	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	0.6
Malaria	Cases	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.7	1.9	1.0	0.8	0.0	0.9	0.0	0.9	0.0	1.6	1.2	2.1	0.3	0.0	0.7	0.0	0.4	0.0	0.0
Measles	Cases	2	0	2	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	1.3	11.2	4.5	5.6	1.3	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	1	0	1	0	1	0	1	0	0	0	0	1	1	1	0	0	0	0	0	1
	Rate	2.5	1.1	1.3	2.3	0.8	1.9	1.4	0.0	0.9	2.6	1.6	0.6	0.7	1.0	0.0	0.7	0.0	0.6	3.5	2.3
Mumps	Cases	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.7	0.9	0.4	0.0	0.0	0.5	2.1	0.0	0.6	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.2	1.8	0.0
Paratyphoid fever	Cases	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.7	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.7	0.3	0.0	0.0	0.0	0.8	0.0	1.0
Pertussis	Cases	1	20	14	13	14	2	4	0	0	2	0	0	3	4	0	9	1	10	1	1
	Rate	62.4	37.2	31.8	50.6	46.7	18.4	27.2	47.1	23.5	23.2	12.8	9.4	43.1	47.0	24.6	244.2	150.1	68.2	33.3	39.7
Q fever	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rheumatic fever	Cases	1	0	2	10	0	0	1	1	0	2	0	0	0	2	0	0	1	0	0	0
	Rate	10.7	1.1	5.1	14.9	6.4	5.8	5.2	23.6	0.9	3.9	1.6	0.6	5.6	3.3	0.0	0.0	3.1	1.8	0.0	0.0
Rickettsial disease	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.2	0.2	0.2	0.5	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	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	0.2	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	4	17	12	4	5	4	1	0	1	4	1	2	2	10	1	3	0	13	2	9
	Rate	25.8	21.3	23.5	14.9	22.5	17.5	24.4	34.3	10.8	15.4	9.6	15.9	17.4	19.0	24.6	22.6	24.5	28.4	29.8	44.9
Shigellosis	Cases	0	1	5	2	1	0	0	0	0	0	0	0	1	3	0	0	0	0	1	1
	Rate	1.3	2.1	7.7	5.0	2.1	1.0	0.0	0.0	1.8	0.6	0.0	0.0	0.7	3.0	0.0	0.7	0.0	1.2	7.0	5.2
Tuberculosis disease	Cases	0	5	7	5	0	0	0	0	0	0	1	2	1	8	0	0	0	2	0	0
	Rate	2.5	5.0	12.8	13.4	7.2	2.9	3.3	4.3	3.6	1.9	4.8	7.1	3.5	14.7	7.4	3.5	6.1	4.5	3.5	2.3
Typhoid fever	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	Rate	0.6	0.9	2.6	2.3	0.3	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.7	0.0	0.6	0.0	0.0
VTEC/STEC infection	Cases	2	1	1	2	7	1	0	0	0	0	0	0	0	1	0	0	0	8	1	2
	Rate	7.6	3.0	3.4	3.3	8.0	1.9	6.1	0.0	4.5	1.3	3.2	0.6	0.7	1.7	0.0	1.4	0.0	6.1	8.8	4.2
Yersiniosis	Cases	0	2	2	1	4	0	0	1	2	0	0	0	0	4	0	0	0	4	0	2
	Rate	6.9	7.8	12.4	9.7	9.1	22.3	11.3	17.1	8.1	5.1	4.8	8.8	11.8	18.0	2.5	0.7	6.1	20.1	8.8	5.5

[1] These data are provisional

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

		Cases[1] and current rate[2] for May 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	9	40	30	23	41	5	16	4	9	15	10	27	9	33	2	18	1	51	19	34
	Rate	138.6	134.5	129.7	109.0	207.6	159.2	147.0	186.3	205.1	212.3	176.3	179.2	114.0	153.4	174.6	155.7	220.5	167.1	349.1	196.3
Cryptosporidiosis	Cases	2	4	1	1	5	1	0	0	1	0	0	2	1	4	0	1	0	3	1	3
	Rate	17.6	16.5	14.1	7.2	29.2	20.4	9.9	8.6	26.2	21.2	17.6	17.7	9.0	10.0	19.7	10.6	24.5	33.3	59.6	22.9
Dengue fever	Cases	0	4	2	4	1	0	5	0	0	0	0	1	1	1	0	0	0	1	0	1
	Rate	2.5	4.8	9.6	7.4	1.6	3.9	4.2	0.0	0.9	2.6	1.6	0.6	3.5	2.3	0.0	2.1	0.0	2.0	1.8	1.3
Gastroenteritis	Cases	1	5	4	2	2	0	3	0	2	0	0	8	0	6	0	0	0	4	0	2
	Rate	5.0	13.3	15.4	6.4	6.2	9.7	13.6	0.0	9.0	0.0	27.2	58.9	42.4	34.0	12.3	0.7	27.6	6.7	1.8	4.5
Giardiasis	Cases	11	22	25	13	13	7	17	3	6	15	3	2	3	15	1	5	0	23	1	9
	Rate	32.1	38.4	42.5	34.1	45.6	65.0	50.7	36.4	46.1	52.7	24.0	21.8	27.1	46.0	46.7	39.6	21.4	35.3	36.8	35.5
Haemophilus influenzae type b	Cases	0	1	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	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	3.1	0.2	0.0	0.0
Hepatitis A	Cases	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	Rate	2.5	2.8	1.7	2.5	0.3	0.0	0.5	0.0	0.0	4.5	0.0	0.6	4.9	0.7	0.0	0.7	0.0	5.9	1.8	1.0
Hepatitis B	Cases	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0	1
	Rate	1.9	0.4	0.4	0.8	1.3	0.0	0.9	0.0	0.0	0.0	3.2	0.0	0.0	0.0	0.0	0.0	3.1	1.4	0.0	1.6
Hepatitis C	Cases	2	0	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0
	Rate	3.1	0.2	1.1	0.2	0.0	0.0	0.0	0.0	2.7	0.0	3.2	0.0	2.1	0.0	0.0	0.7	0.0	2.0	0.0	2.3
Invasive pneumococcal disease	Cases	0	9	2	5	0	3	2	0	0	2	0	0	0	3	1	1	1	3	0	5
	Rate	10.1	9.2	9.6	13.8	11.0	26.2	15.5	8.6	9.0	14.2	17.6	11.8	8.3	8.7	14.8	10.6	18.4	8.5	7.0	8.4
Legionellosis	Cases	1	0	0	5	0	0	0	0	1	0	0	0	0	0	0	0	0	4	0	0
	Rate	4.4	4.6	1.5	3.1	0.5	1.0	0.9	0.0	2.7	0.6	0.0	3.5	0.7	0.3	0.0	0.7	21.4	10.1	3.5	2.9
Leptospirosis	Cases	0	0	0	0	0	0	1	0	2	2	0	1	0	0	0	0	1	2	0	0
	Rate	1.3	0.4	0.2	0.4	0.5	3.9	2.3	0.0	4.5	9.0	0.0	3.5	0.0	0.0	7.4	0.7	3.1	1.0	7.0	0.6
Listeriosis	Cases	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.4	1.1	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	0.6
Malaria	Cases	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.7	1.9	1.0	0.8	0.0	0.9	0.0	0.9	0.0	1.6	1.2	2.1	0.3	0.0	0.7	0.0	0.4	0.0	0.0
Measles	Cases	2	0	2	5	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	1.3	11.2	4.5	5.6	1.3	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	1	0	1	0	1	0	1	0	0	0	0	1	1	1	0	0	0	0	0	1
	Rate	2.5	1.1	1.3	2.3	0.8	1.9	1.4	0.0	0.9	2.6	1.6	0.6	0.7	1.0	0.0	0.7	0.0	0.6	3.5	2.3
Mumps	Cases	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.7	0.9	0.4	0.0	0.0	0.5	2.1	0.0	0.6	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.2	1.8	0.0
Paratyphoid fever	Cases	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.7	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.7	0.3	0.0	0.0	0.0	0.8	0.0	1.0
Pertussis	Cases	1	20	14	13	14	2	4	0	0	2	0	0	3	4	0	9	1	10	1	1
	Rate	62.4	37.2	31.8	50.6	46.7	18.4	27.2	47.1	23.5	23.2	12.8	9.4	43.1	47.0	24.6	244.2	150.1	68.2	33.3	39.7
Q fever	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rheumatic fever	Cases	1	0	2	10	0	0	1	1	0	2	0	0	0	2	0	0	1	0	0	0
	Rate	10.7	1.1	5.1	14.9	6.4	5.8	5.2	23.6	0.9	3.9	1.6	0.6	5.6	3.3	0.0	0.0	3.1	1.8	0.0	0.0
Rickettsial disease	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.2	0.2	0.2	0.5	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	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	0.2	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	4	17	12	4	5	4	1	0	1	4	1	2	2	10	1	3	0	13	2	9
	Rate	25.8	21.3	23.5	14.9	22.5	17.5	24.4	34.3	10.8	15.4	9.6	15.9	17.4	19.0	24.6	22.6	24.5	28.4	29.8	44.9
Shigellosis	Cases	0	1	5	2	1	0	0	0	0	0	0	0	1	3	0	0	0	0	1	1
	Rate	1.3	2.1	7.7	5.0	2.1	1.0	0.0	0.0	1.8	0.6	0.0	0.0	0.7	3.0	0.0	0.7	0.0	1.2	7.0	5.2
Tuberculosis disease	Cases	0	5	7	5	0	0	0	0	0	0	1	2	1	8	0	0	0	2	0	0
	Rate	2.5	5.0	12.8	13.4	7.2	2.9	3.3	4.3	3.6	1.9	4.8	7.1	3.5	14.7	7.4	3.5	6.1	4.5	3.5	2.3
Typhoid fever	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	Rate	0.6	0.9	2.6	2.3	0.3	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.7	0.0	0.6	0.0	0.0
VTEC/STEC infection	Cases	2	1	1	2	7	1	0	0	0	0	0	0	0	1	0	0	0	8	1	2
	Rate	7.6	3.0	3.4	3.3	8.0	1.9	6.1	0.0	4.5	1.3	3.2	0.6	0.7	1.7	0.0	1.4	0.0	6.1	8.8	4.2
Yersiniosis	Cases	0	2	2	1	4	0	0	1	2	0	0	0	0	4	0	0	0	4	0	2
	Rate	6.9	7.8	12.4	9.7	9.1	22.3	11.3	17.1	8.1	5.1	4.8	8.8	11.8	18.0	2.5	0.7	6.1	20.1	8.8	5.5

[1] These data are provisional

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

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

National Notifiable Disease Surveillance Data May 2014

Disease	Current Year - 2014[1]			Previous Year - 2013		
	May 2014 Cases	Cumulative total since 1 January	Current 12 Month Rate[2]	May 2013 Cases	Cumulative total since 1 January	Current 12 Month Rate[2]
Campylobacteriosis	396	2613	158.7	396	2354	139.5
Cryptosporidiosis	30	130	18.6	133	648	29.8
Dengue fever	21	108	3.8	14	44	2.1
Gastroenteritis[3]	39	258	13.5	37	212	15.6
Giardiasis	194	783	39.3	161	754	37.1
Haemophilus influenzae type b	1	5	0.1	1	1	0.1
Hepatitis A	2	41	2.1	3	37	1.3
Hepatitis B[4]	5	13	0.7	2	8	0.8
Hepatitis C[4]	6	17	0.8	2	15	0.6
Invasive pneumococcal disease	37	152	11.0	34	141	11.2
Legionellosis	11	49	3.2	8	57	3.2
Leptospirosis	9	23	1.3	6	23	1.9
Listeriosis	1	12	0.4	1	11	0.6
Malaria	1	8	0.8	2	21	1.1
Measles	14	135	3.2	0	1	0.0
Meningococcal disease	8	15	1.3	3	23	1.9
Mumps	2	8	0.4	2	14	0.7
Paratyphoid fever	3	12	0.5	5	15	0.6
Pertussis	99	548	48.6	292	1915	128.8
Rheumatic fever	20	86	4.8	18	73	4.0
Rickettsial disease	0	0	0.1	1	3	0.2
Rubella	0	1	0.0	0	0	0.0
Salmonellosis	95	426	22.8	90	550	25.3
Shigellosis	15	59	2.8	9	71	3.0
Tuberculosis disease	31	149	7.0	28	113	6.6
Typhoid fever	1	21	0.9	0	31	1.3
VTEC/STEC infection	26	104	3.9	32	135	4.8
Yersiniosis	22	173	10.9	28	172	10.9

[1] These data are provisional

[2] Rate is based on the cumulative total for the current year (12 months up to and including May 2014) or the previous year (12 months up to and including May 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 May: Chikungunya fever (4), Hepatitis NOS (1), Leprosy (1), Zika virus (10)

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

Disease	May 2014	Apr 2014	Mar 2014	Feb 2014	Jan 2014	Dec 2013	Nov 2013	Oct 2013	Sep 2013	Aug 2013	Jul 2013	Jun 2013
Campylobacteriosis	396	401	508	534	774	899	731	656	663	637	524	373
Cryptosporidiosis	30	18	21	25	36	32	85	167	184	87	78	67
Dengue fever	21	19	29	17	22	9	10	13	7	9	11	3
Gastroenteritis[2]	39	48	74	47	50	44	50	44	47	79	55	27
Giardiasis	194	114	157	144	174	145	106	154	145	150	136	139
Haemophilus influenzae type b	1	2	0	2	0	0	1	0	0	0	0	0
Hepatitis A	2	1	10	18	10	2	1	15	5	11	12	8
Hepatitis B[3]	5	1	3	1	3	4	0	4	3	3	3	3
Hepatitis C[3]	6	3	2	3	3	4	2	2	1	4	7	1
Invasive pneumococcal disease	37	38	36	15	26	37	34	47	64	46	69	41
Legionellosis	11	9	7	9	13	22	18	15	15	5	13	6
Leptospirosis	9	5	2	4	3	2	11	3	6	5	6	3
Listeriosis	1	3	3	2	3	1	0	1	2	3	1	0
Malaria	1	2	2	1	2	2	4	2	4	6	3	5
Measles	14	10	50	39	22	6	0	1	0	0	0	0
Meningococcal disease	8	2	2	1	2	3	2	5	11	6	14	4
Mumps	2	0	5	0	1	1	2	0	3	1	0	2
Paratyphoid fever	3	2	3	1	3	0	2	1	3	2	2	0
Pertussis	99	85	91	103	170	158	208	243	262	265	294	194
Rheumatic fever	20	12	19	17	18	27	13	17	22	27	12	9
Rickettsial disease	0	0	0	0	0	1	1	0	2	0	1	1
Rubella	0	0	0	0	1	0	0	0	0	1	0	0
Salmonellosis	95	51	74	102	104	96	94	102	87	90	71	53
Shigellosis	15	4	19	14	7	9	4	10	9	6	13	15
Tuberculosis disease	31	29	39	18	32	25	22	30	33	14	19	21
Typhoid fever	1	1	7	5	7	5	3	3	0	1	2	5
VTEC/STEC infection	26	23	34	10	11	4	6	7	18	18	4	13
Yersiniosis	22	28	33	36	54	36	61	45	57	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