

MONTHLY NOTIFIABLE DISEASE SURVEILLANCE REPORT

Data contained within this monthly report is based on information recorded on EpiSurv by public health service (PHS) staff as at 7 August 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 probable case of chikungunya fever was notified in July 2014. The case was a female in the 30–39 years age group from Waitemata DHB. The case was in Tonga during the incubation period.

Campylobacteriosis: 380 cases of campylobacteriosis were notified in July 2014 compared to 524 cases notified during the same month of the previous year. For the 12 month period ending 31 July 2014, the highest DHB rates were in South Canterbury (338.5 per 100 000 population, 193), Hawke's Bay (209.1 per 100 000 population, 325), and West Coast (205.2 per 100 000 population, 67) compared to a national rate of 155.8 per 100 000 population.

Cryptosporidiosis: 25 cases of cryptosporidiosis were notified in July 2014 compared to 78 cases notified during the same month of the previous year. The cases ranged in age from 13 months to 76 years, with the highest numbers of cases in the 1–4 years (6 cases) and 30–39 years (5 cases) age groups. The highest numbers of cases were reported from Waitemata (5 cases) and Waikato (4 cases) DHBs. Among the cases where risk factor information was recorded, 61.5% (8/13) had consumed food from a food premises, 54.5% (6/11) had contact with recreational water, 45.5% (5/11) had consumed untreated water, and 41.7% (5/12) had contact with farm animals.

Giardiasis: 157 cases of giardiasis were notified in July 2014 compared to 136 cases notified during the same month of the previous year (Figure 1). The highest numbers of cases were reported from Waikato (24 cases), Auckland (20 cases), Counties Manukau (17 cases) and Capital & Coast (16 cases) DHBs. Among the cases where risk factor information was recorded, 49.0% (24/49) had consumed food from a food premises, 39.3% (22/56) had contact with other symptomatic people, 37.5% (21/56) had contact with faecal matter, and 33.9% (20/59) had contact with recreational water. Nine *Giardia* outbreaks were reported in July, including eight finalised outbreaks (25 cases) and one interim outbreak (case numbers yet to be determined).

Hepatitis not otherwise specified (NOS): One confirmed case of hepatitis NOS was notified in July 2014. The case was a male in the 20–29 years age group from Counties Manukau DHB. The case, who was also a chronic hepatitis B carrier, was infected with hepatitis D.

Leptospirosis: 13 cases of leptospirosis were notified in July 2014 (8 confirmed and 5 under investigation), compared to six cases notified during the same month of the previous year. The following section relates to the eight confirmed cases only. These cases were from Hawke's Bay (3 cases), Whanganui (2 cases), and Waikato, Taranaki and Southern (1 case each) DHBs. High risk occupations were recorded for six cases: farmers (4 cases) and meat-processing workers (2 cases). One case that did not report a high-risk occupation was overseas during the incubation period in Samoa (contact with pig and dog urine and swimming in a river). *Leptospira* species and serovars were recorded for five cases: *Leptospira* Hardjo (3 cases), and *L. Ballum* and *L. Tarassovi* (1 case each).

Listeriosis: Four cases of confirmed listeriosis (all non-perinatal) were notified in July 2014. The cases were from Waitemata, Auckland, Counties Manukau and Bay of Plenty DHBs and were distributed by age group as follows: 60–69 years (2 cases) and 70+ years (2 cases). One of the two cases that had risk factor information recorded had an underlying illness and was on immunosuppressive medication.

Measles: 39 cases of measles were notified in July 2014 (36 confirmed, 1 probable, and 2 under investigation), compared to zero cases notified during the same month of the previous year. The highest number of cases was reported from Waikato DHB (26 cases). Cases ranged in age from four months to 39 years, with the highest numbers of cases in the 10–14 years and 15–19 years (11 cases each) age groups. Three cases were hospitalised and no deaths were reported. Of the 33 cases with immunisation information, 18.2% (6/33) were recorded as being immunised. Four cases had received only one dose of the MMR vaccine and one case had received two doses. The remaining case had no dose information recorded. Of the cases for which risk factor information was recorded, 78.8% (26/33) reported contact with another measles case in the previous three weeks and 62.9% (22/35) attended school, pre-school or childcare. One interim measles outbreak was reported in July (case numbers yet to be determined).

Meningococcal disease: Four cases of meningococcal disease were notified in July 2014 compared to 14 in the same month of the previous year (Figure 2). The cases were from Canterbury (2 cases), Waitemata and Waikato (1 case each) DHBs and were distributed by age group as follows: 20–29 years (2 cases), 1–4 years and 40–49 years (1 case each). All cases were hospitalised and no deaths were reported. Three cases were laboratory confirmed and the strain type was determined for all cases as group B including one B:P1.7-2.4.

Pertussis: 101 cases of pertussis were notified in July 2014 (27 confirmed, 49 probable, 6 suspect and 19 under investigation) compared to 294 cases in the same month of the previous year. Of the 85 cases with hospitalisation status recorded, nine (10.6%) cases were hospitalised. The highest numbers of cases were reported from Waitemata (17 cases), Counties Manukau (13 cases), and Auckland (12 cases) DHBs. Ethnicity was recorded for 82 (81.2%) cases. The cases were distributed by ethnic groups as follows: European or Other (53 cases), Māori (16 cases), Pacific Peoples (8 cases), Asian (4 cases) and MELAA (1 case). The cases ranged in age from one month to 90 years, with the highest numbers of cases in the 30–39 years (18 cases) and the 60–69 years (15 cases) age groups. The vaccination status was recorded for 42 (41.6%) cases. Of these, 24 were reported as not vaccinated, five received one dose of vaccine, six received three or more doses, and seven were reported as being vaccinated but no dose information was available.

Rheumatic fever: Based on the earliest date available, 19 cases of rheumatic fever (17 initial attacks and 2 recurrent attacks) were notified in July 2014 compared to seven cases in the same month of the previous year. All cases were hospitalised. All cases were notified from the North Island with the highest number of cases notified from Counties Manukau DHB (10 cases). Ethnicity was reported for all cases with the highest number of cases in Māori (10 cases), followed by Pacific Peoples (9 cases) ethnic groups. The cases ranged in age from five years to 31 years, with the highest number of cases in the 15–19 years age group (6 cases).

Ross River virus infection: One confirmed case of Ross River virus infection was notified in July 2014. The case was a female in the 60–69 years age group from Canterbury DHB. The case visited Australia, New Caledonia and Vanuatu during the incubation period.

Taeniasis: Two confirmed cases of taeniasis were notified in July 2014. Both cases were female in the 20–29 years and the 50–59 years age groups. The cases were from Counties Manukau and Canterbury DHBs. One case was in Ethiopia and the other in Laos during the incubation period.

2. Outbreaks

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

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
Gastroenteritis ¹	Waitemata, Lakes, Bay of Plenty, Taranaki, MidCentral, Nelson Marlborough	7	57
<i>Giardia</i> ^{1, 2}	Auckland, Counties Manukau, Waikato	8	25
Norovirus	Counties Manukau, Waikato, Hawke's Bay, Nelson Marlborough, Canterbury, Southern	9	121
Rotavirus	Waitemata	1	2
<i>Salmonella</i> ²	Auckland	3	13
Sapovirus	MidCentral	1	5
<i>Shigella</i> ²	Waitemata, Waikato	2	5
<i>Yersinia</i>	Waikato	1	4
		32	232

¹ Includes outbreaks reported to PHSs prior to July 2014: *Giardia* (2) reported in May and June, and gastroenteritis (1) reported in June.

² Includes outbreaks with overseas transmission: *Giardia* (Fiji), *Salmonella* (Rarotonga), *Shigella* (2 outbreaks one each to Morocco and Pakistan).

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

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
<i>Clostridium perfringens</i>	Auckland	1	2
Gastroenteritis ²	Waitemata, Auckland, Counties Manukau, Taranaki, MidCentral, Hutt Valley, Capital & Coast, Southern	22	81
<i>Giardia</i>	Southern	1	4
<i>Legionella pneumophila</i> ¹	West Coast	1	3
Measles virus ¹	Hawke's Bay	1	10
Norovirus ²	Auckland, Canterbury, Southern	6	110
Rotavirus	Hutt Valley	1	15
Rubella virus	Auckland	1	3
Total		34	228

¹ Includes outbreaks reported to PHSs prior to July 2014: *Legionella pneumophila* reported in April and measles virus reported in June.

² Interim outbreak(s) where total number of cases had not been completed.

3. Deaths from notifiable diseases

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

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

Disease	District health board	Age group (years)
Invasive pneumococcal disease	Counties Manukau	1–4
Invasive pneumococcal disease	Canterbury	40–49
Invasive pneumococcal disease	Auckland	70+
Invasive pneumococcal disease	Bay of Plenty	70+
Tuberculosis disease – new case	Hutt Valley	60–69

4. Trends in selected diseases to July 2014

Figure 1. Giardiasis notifications by month, January 2009–July 2014

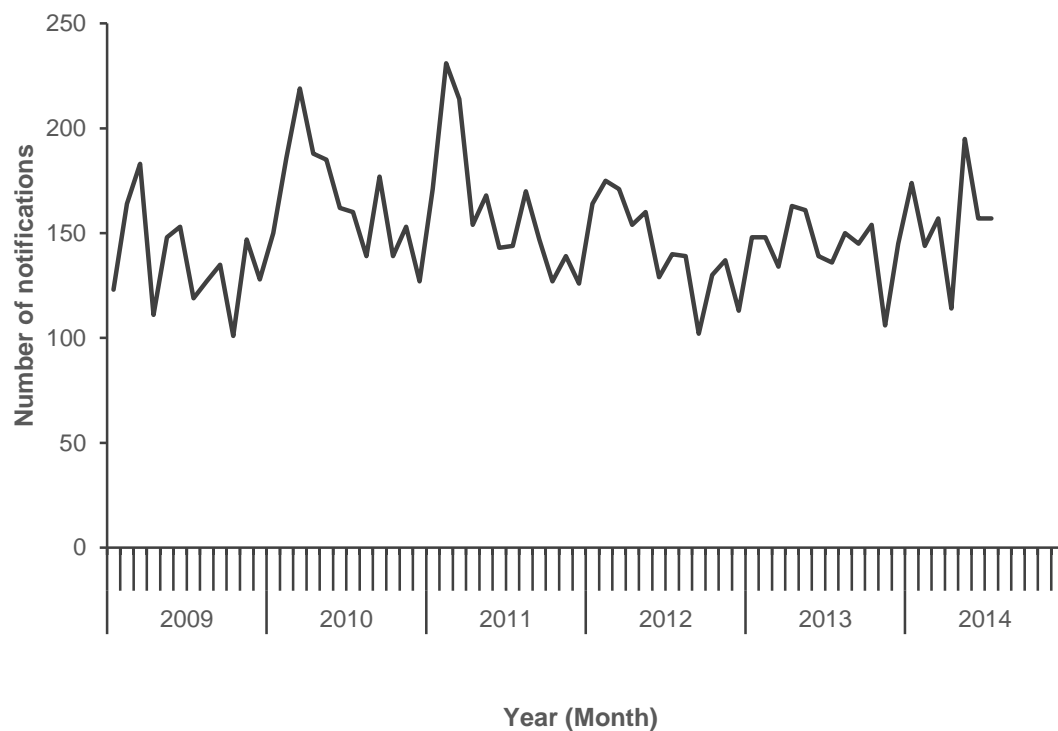
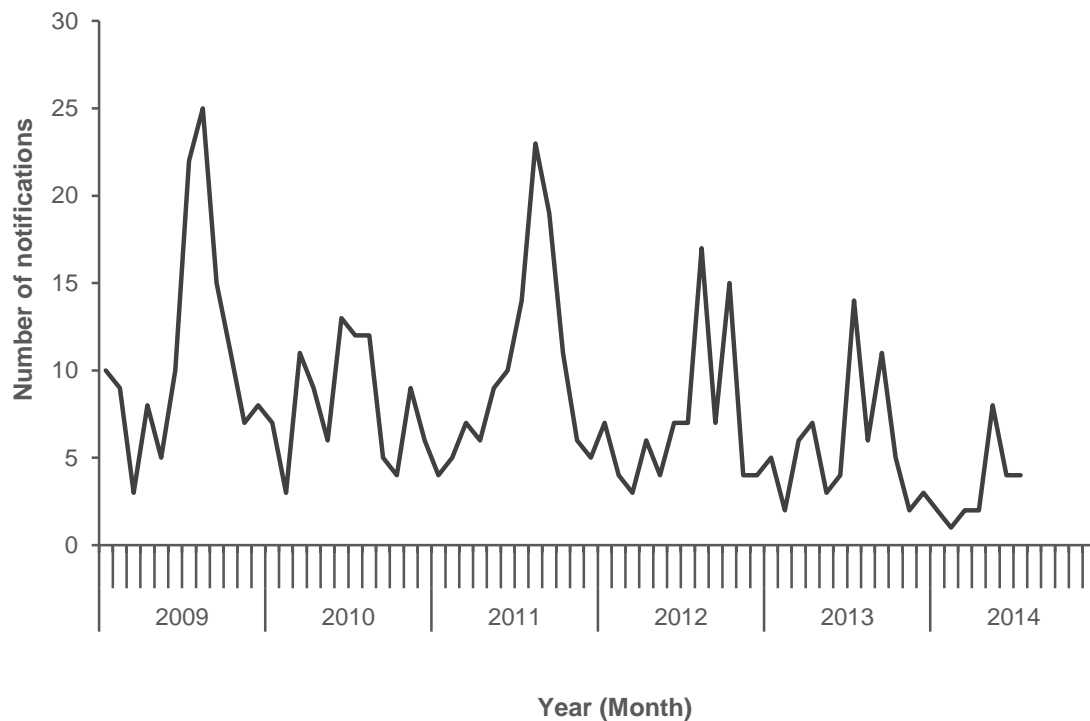


Figure 2. Meningococcal disease notifications by month, January 2009–July 2014



5. Data tables

National Notifiable Disease Surveillance Data July 2014

Disease	Current Year - 2014 ¹			Previous Year - 2013		
	July 2014 Cases	Cumulative total since 1 January	Current 12 Month Rate ²	July 2013 Cases	Cumulative total since 1 January	Current 12 Month Rate ²
Campylobacteriosis	380	3380	155.8	524	3251	143.4
Cryptosporidiosis	25	177	16.4	78	793	30.9
Dengue fever	14	130	4.0	11	58	1.9
Gastroenteritis ³	49	350	13.7	55	294	14.9
Giardiasis	157	1098	40.2	136	1029	36.9
Haemophilus influenzae type b	3	6	0.2	0	1	0.0
Hepatitis A	2	44	1.7	12	57	1.6
Hepatitis B ⁴	4	19	0.7	3	14	0.8
Hepatitis C ⁴	6	28	0.9	7	23	0.7
Invasive pneumococcal disease	66	271	11.2	69	251	11.0
Legionellosis	16	69	3.2	13	76	3.1
Leptospirosis	13	36	1.4	6	32	1.7
Listeriosis	4	20	0.6	1	12	0.6
Malaria	4	15	0.7	3	29	1.1
Measles	39	270	6.2	0	1	0.0
Meningococcal disease	4	23	1.1	14	41	2.0
Mumps	6	13	0.4	0	16	0.7
Paratyphoid fever	1	14	0.5	2	17	0.6
Pertussis	101	722	41.6	294	2403	117.2
Rheumatic fever	36	138	5.4	12	94	3.0
Rickettsial disease	0	0	0.1	1	5	0.2
Rubella	3	4	0.1	0	0	0.0
Salmonellosis	72	571	23.3	71	674	25.1
Shigellosis	13	82	2.7	13	99	3.0
Tuberculosis disease	21	180	6.8	19	153	6.3
Typhoid fever	5	29	0.9	2	38	1.3
VTEC/STEC infection	8	120	3.9	4	152	4.7
Yersiniosis	36	238	10.7	48	246	10.4

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 July 2014) or the previous year (12 months up to and including July 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 July: Chikungunya fever (1), Hepatitis NOS (1), Hydatid disease (1), Ross River virus infection (1), Taeniasis (2)

Notifiable Disease Surveillance Data by District Health Board July 2014

		Cases ¹ and current rate ² for July 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	18	49	45	16	49	19	15	8	8	20	6	20	14	26	3	9	2	26	3	24
	Rate	144.3	130.9	127.0	103.8	203.6	171.8	144.7	182.0	197.8	209.1	163.5	171.5	115.4	154.7	172.2	152.2	205.2	162.8	338.5	195.3
Cryptosporidiosis	Cases	1	5	2	2	4	0	1	1	1	2	0	0	0	2	0	2	1	0	0	1
	Rate	18.3	11.6	9.8	5.6	29.8	14.6	10.3	10.7	14.5	17.4	11.2	16.5	6.3	10.0	22.1	12.7	30.6	29.6	59.6	23.2
Dengue fever	Cases	0	1	3	3	0	0	3	0	0	0	0	0	0	1	0	0	0	3	0	0
	Rate	2.5	4.8	10.0	8.1	1.6	3.9	5.6	0.0	0.0	2.6	1.6	0.6	3.5	2.0	0.0	2.1	0.0	2.4	1.8	1.0
Gastroenteritis	Cases	0	4	6	4	0	0	0	0	1	0	0	6	4	20	0	1	2	0	0	1
	Rate	3.8	13.2	16.9	6.4	6.7	7.8	12.2	0.0	7.2	0.0	36.9	57.2	40.3	36.7	9.8	2.1	30.6	6.7	1.8	4.8
Giardiasis	Cases	4	11	20	17	24	7	8	5	2	5	0	1	3	16	2	2	1	15	2	12
	Rate	37.8	40.2	43.0	33.2	49.6	68.9	51.2	49.3	35.2	53.4	24.0	21.8	28.5	47.7	46.7	36.1	24.5	34.7	38.6	38.1
Haemophilus influenzae type b	Cases	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.4	0.4	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0
Hepatitis A	Cases	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	Rate	2.5	2.7	1.7	2.5	0.3	0.0	0.5	0.0	0.0	4.5	1.6	0.6	4.9	0.7	0.0	0.0	0.0	3.2	0.0	0.6
Hepatitis B	Cases	0	1	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	Rate	1.9	0.5	0.4	0.8	1.3	0.0	0.9	0.0	0.0	1.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	1.3
Hepatitis C	Cases	1	0	1	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	1
	Rate	3.1	0.2	1.3	0.2	0.0	0.0	0.0	0.0	2.7	1.3	3.2	0.0	2.8	0.7	0.0	1.4	0.0	1.0	0.0	2.6
Invasive pneumococcal	Cases	3	5	10	7	2	4	7	1	3	1	1	6	1	4	1	0	0	7	0	3
	Rate	10.1	9.1	11.5	12.8	11.5	30.1	17.4	4.3	9.0	13.5	19.2	14.7	9.7	8.7	17.2	5.7	12.3	9.5	5.3	6.8
Legionellosis	Cases	3	0	1	2	0	0	0	0	0	0	0	3	1	0	0	0	0	4	0	2
	Rate	3.8	3.9	1.3	2.9	1.1	1.0	0.9	0.0	2.7	0.6	0.0	5.9	1.4	0.3	0.0	0.7	21.4	10.6	3.5	2.3
Leptospirosis	Cases	0	0	0	0	2	0	0	0	1	5	2	1	0	0	0	0	0	1	0	1
	Rate	1.9	0.4	0.0	0.4	1.1	3.9	1.4	0.0	4.5	12.9	3.2	3.5	0.0	0.0	4.9	0.7	3.1	0.4	7.0	0.6
Listeriosis	Cases	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.4	1.3	1.2	0.0	0.0	1.4	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	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1
	Rate	0.0	0.5	1.7	1.0	0.5	0.0	0.5	0.0	0.9	0.0	1.6	0.6	2.1	0.3	0.0	0.7	0.0	1.0	0.0	0.3
Measles	Cases	1	0	0	0	26	0	3	2	0	7	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	11.2	4.5	5.6	33.5	13.6	1.9	4.3	0.9	7.7	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.2	0.0	0.0
Meningococcal disease	Cases	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
	Rate	1.9	0.9	1.1	2.1	1.1	0.0	1.4	0.0	0.0	2.6	0.0	1.2	0.7	1.0	0.0	0.7	0.0	0.6	1.8	1.3
Mumps	Cases	0	2	1	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	Rate	0.6	0.9	1.1	0.6	0.0	0.0	0.5	2.1	0.0	0.6	0.0	0.0	0.7	0.0	0.0	0.7	0.0	0.0	1.8	0.0
Paratyphoid fever	Cases	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	Rate	0.0	0.5	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.6	0.0	0.0	1.4	0.3	0.0	0.0	0.0	0.8	0.0	1.0
Pertussis	Cases	3	17	12	13	10	3	5	0	2	2	0	1	3	6	0	9	0	6	0	9
	Rate	48.5	37.4	27.8	48.7	44.8	21.4	24.9	42.8	26.2	24.4	11.2	7.1	36.8	41.7	12.3	155.7	144.0	55.4	28.1	31.0
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	4	4	2	19	3	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0
	Rate	12.6	2.0	5.1	19.4	5.9	4.9	6.6	23.6	0.0	3.9	1.6	1.2	4.9	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	0.0	0.2	0.2	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	3	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	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Salmonellosis	Cases	5	17	8	4	7	1	1	0	0	4	0	1	1	6	0	1	0	9	0	7
	Rate	27.7	24.2	25.2	15.3	21.5	17.5	22.5	38.5	10.8	17.4	9.6	17.1	14.6	18.7	22.1	20.5	18.4	28.4	33.3	45.5
Shigellosis	Cases	0	2	4	3	0	0	0	0	1	1	0	0	1	0	0	0	0	1	0	0
	Rate	0.6	2.3	6.8	5.0	2.7	1.0	0.0	0.0	1.8	1.3	0.0	0.6	0.7	2.7	0.0	0.7	0.0	1.2	7.0	3.9
Tuberculosis disease	Cases	1	2	2	2	0	1	2	0	1	0	0	2	2	3	0	0	0	2	0	1
	Rate	2.5	4.3	12.6	13.2	6.7	3.9	4.2	2.1	4.5	2.6	3.2	7.1	3.5	14.0	4.9	2.1	3.1	4.5	3.5	2.3
Typhoid fever	Cases	0	0	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.5	2.4	2.5	0.3	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.7	0.0	0.6	0.0	0.3
VTEC/STEC infection	Cases	1	0	0	2	1	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0
	Rate	6.9	2.7	3.4	3.1	8.6	1.9	7.0	0.0	5.4	1.9	3.2	1.8	1.4	1.3	0.0	1.4	0.0	5.7	10.5	2.9
Yersiniosis	Cases	0	6	2	4	5	2	6	0	1	1	0	0	0	2	0	0	0	5	0	2
	Rate	6.3	8.5	10.9	8.5	10.7	22.3	11.3	15.0	9.0	5.8	4.8	8.3	11.1	17.0	2.5	0.7	6.1	19.3	7.0	6.8

¹ These data are provisional

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

		Cases ¹ and current rate ² for July 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	18	49	45	16	49	19	15	8	8	20	6	20	14	26	3	9	2	26	3	24
	Rate	144.3	130.9	127.0	103.8	203.6	171.8	144.7	182.0	197.8	209.1	163.5	171.5	115.4	154.7	172.2	152.2	205.2	162.8	338.5	195.3
Cryptosporidiosis	Cases	1	5	2	2	4	0	1	1	1	2	0	0	0	2	0	2	1	0	0	1
	Rate	18.3	11.6	9.8	5.6	29.8	14.6	10.3	10.7	14.5	17.4	11.2	16.5	6.3	10.0	22.1	12.7	30.6	29.6	59.6	23.2
Dengue fever	Cases	0	1	3	3	0	0	3	0	0	0	0	0	0	1	0	0	0	3	0	0
	Rate	2.5	4.8	10.0	8.1	1.6	3.9	5.6	0.0	0.0	2.6	1.6	0.6	3.5	2.0	0.0	2.1	0.0	2.4	1.8	1.0
Gastroenteritis	Cases	0	4	6	4	0	0	0	0	1	0	0	6	4	20	0	1	2	0	0	1
	Rate	3.8	13.2	16.9	6.4	6.7	7.8	12.2	0.0	7.2	0.0	36.9	57.2	40.3	36.7	9.8	2.1	30.6	6.7	1.8	4.8
Giardiasis	Cases	4	11	20	17	24	7	8	5	2	5	0	1	3	16	2	2	1	15	2	12
	Rate	37.8	40.2	43.0	33.2	49.6	68.9	51.2	49.3	35.2	53.4	24.0	21.8	28.5	47.7	46.7	36.1	24.5	34.7	38.6	38.1
Haemophilus influenzae type b	Cases	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.4	0.4	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0
Hepatitis A	Cases	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
	Rate	2.5	2.7	1.7	2.5	0.3	0.0	0.5	0.0	0.0	4.5	1.6	0.6	4.9	0.7	0.0	0.0	0.0	3.2	0.0	0.6
Hepatitis B	Cases	0	1	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	Rate	1.9	0.5	0.4	0.8	1.3	0.0	0.9	0.0	0.0	1.3	1.6	0.0	0.0	0.0	0.0	0.0	0.0	1.4	0.0	1.3
Hepatitis C	Cases	1	0	1	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	1
	Rate	3.1	0.2	1.3	0.2	0.0	0.0	0.0	0.0	2.7	1.3	3.2	0.0	2.8	0.7	0.0	1.4	0.0	1.0	0.0	2.6
Invasive pneumococcal disease	Cases	3	5	10	7	2	4	7	1	3	1	1	6	1	4	1	0	0	7	0	3
	Rate	10.1	9.1	11.5	12.8	11.5	30.1	17.4	4.3	9.0	13.5	19.2	14.7	9.7	8.7	17.2	5.7	12.3	9.5	5.3	6.8
Legionellosis	Cases	3	0	1	2	0	0	0	0	0	0	0	3	1	0	0	0	0	4	0	2
	Rate	3.8	3.9	1.3	2.9	1.1	1.0	0.9	0.0	2.7	0.6	0.0	5.9	1.4	0.3	0.0	0.7	21.4	10.6	3.5	2.3
Leptospirosis	Cases	0	0	0	0	2	0	0	0	1	5	2	1	0	0	0	0	0	1	0	1
	Rate	1.9	0.4	0.0	0.4	1.1	3.9	1.4	0.0	4.5	12.9	3.2	3.5	0.0	0.0	4.9	0.7	3.1	0.4	7.0	0.6
Listeriosis	Cases	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.4	1.3	1.2	0.0	0.0	1.4	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	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1
	Rate	0.0	0.5	1.7	1.0	0.5	0.0	0.5	0.0	0.9	0.0	1.6	0.6	2.1	0.3	0.0	0.7	0.0	1.0	0.0	0.3
Measles	Cases	1	0	0	0	26	0	3	2	0	7	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	11.2	4.5	5.6	33.5	13.6	1.9	4.3	0.9	7.7	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.2	0.0	0.0
Meningococcal disease	Cases	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0
	Rate	1.9	0.9	1.1	2.1	1.1	0.0	1.4	0.0	0.0	2.6	0.0	1.2	0.7	1.0	0.0	0.7	0.0	0.6	1.8	1.3
Mumps	Cases	0	2	1	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	Rate	0.6	0.9	1.1	0.6	0.0	0.0	0.5	2.1	0.0	0.6	0.0	0.0	0.7	0.0	0.0	0.7	0.0	0.0	1.8	0.0
Paratyphoid fever	Cases	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	Rate	0.0	0.5	0.9	0.6	0.3	0.0	0.0	0.0	0.0	0.6	0.0	0.0	1.4	0.3	0.0	0.0	0.0	0.8	0.0	1.0
Pertussis	Cases	3	17	12	13	10	3	5	0	2	2	0	1	3	6	0	9	0	6	0	9
	Rate	48.5	37.4	27.8	48.7	44.8	21.4	24.9	42.8	26.2	24.4	11.2	7.1	36.8	41.7	12.3	155.7	144.0	55.4	28.1	31.0
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	4	4	2	19	3	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0
	Rate	12.6	2.0	5.1	19.4	5.9	4.9	6.6	23.6	0.0	3.9	1.6	1.2	4.9	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	0.0	0.2	0.2	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	3	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	0.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Salmonellosis	Cases	5	17	8	4	7	1	1	0	0	4	0	1	1	6	0	1	0	9	0	7
	Rate	27.7	24.2	25.2	15.3	21.5	17.5	22.5	38.5	10.8	17.4	9.6	17.1	14.6	18.7	22.1	20.5	18.4	28.4	33.3	45.5
Shigellosis	Cases	0	2	4	3	0	0	0	0	1	1	0	0	1	0	0	0	0	1	0	0
	Rate	0.6	2.3	6.8	5.0	2.7	1.0	0.0	0.0	1.8	1.3	0.0	0.6	0.7	2.7	0.0	0.7	0.0	1.2	7.0	3.9
Tuberculosis disease	Cases	1	2	2	2	0	1	2	0	1	0	0	2	2	3	0	0	0	2	0	1
	Rate	2.5	4.3	12.6	13.2	6.7	3.9	4.2	2.1	4.5	2.6	3.2	7.1	3.5	14.0	4.9	2.1	3.1	4.5	3.5	2.3
Typhoid fever	Cases	0	0	0	3	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.5	2.4	2.5	0.3	0.0	1.9	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.7	0.0	0.6	0.0	0.3
VTEC/STEC infection	Cases	1	0	0	2	1	0	2	0	1	0	0	0	0	0	0	0	0	1	0	0
	Rate	6.9	2.7	3.4	3.1	8.6	1.9	7.0	0.0	5.4	1.9	3.2	1.8	1.4	1.3	0.0	1.4	0.0	5.7	10.5	2.9
Yersiniosis	Cases	0	6	2	4	5	2	6	0	1	1	0	0	0	2	0	0	0	5	0	2
	Rate	6.3	8.5	10.9	8.5	10.7	22.3	11.3	15.0	9.0	5.8	4.8	8.3	11.1	17.0	2.5	0.7	6.1	19.3	7.0	6.8

¹ These data are provisional

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

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

National Notifiable Disease Surveillance Data July 2014

Disease	Current Year - 2014 ¹			Previous Year - 2013		
	July 2014 Cases	Cumulative total since 1 January	Current 12 Month Rate ²	July 2013 Cases	Cumulative total since 1 January	Current 12 Month Rate ²
Campylobacteriosis	380	3380	155.8	524	3251	143.4
Cryptosporidiosis	25	177	16.4	78	793	30.9
Dengue fever	14	130	4.0	11	58	1.9
Gastroenteritis ³	49	350	13.7	55	294	14.9
Giardiasis	157	1098	40.2	136	1029	36.9
Haemophilus influenzae type b	3	6	0.2	0	1	0.0
Hepatitis A	2	44	1.7	12	57	1.6
Hepatitis B ⁴	4	19	0.7	3	14	0.8
Hepatitis C ⁴	6	28	0.9	7	23	0.7
Invasive pneumococcal disease	66	271	11.2	69	251	11.0
Legionellosis	16	69	3.2	13	76	3.1
Leptospirosis	13	36	1.4	6	32	1.7
Listeriosis	4	20	0.6	1	12	0.6
Malaria	4	15	0.7	3	29	1.1
Measles	39	270	6.2	0	1	0.0
Meningococcal disease	4	23	1.1	14	41	2.0
Mumps	6	13	0.4	0	16	0.7
Paratyphoid fever	1	14	0.5	2	17	0.6
Pertussis	101	722	41.6	294	2403	117.2
Rheumatic fever	36	138	5.4	12	94	3.0
Rickettsial disease	0	0	0.1	1	5	0.2
Rubella	3	4	0.1	0	0	0.0
Salmonellosis	72	571	23.3	71	674	25.1
Shigellosis	13	82	2.7	13	99	3.0
Tuberculosis disease	21	180	6.8	19	153	6.3
Typhoid fever	5	29	0.9	2	38	1.3
VTEC/STEC infection	8	120	3.9	4	152	4.7
Yersiniosis	36	238	10.7	48	246	10.4

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 July 2014) or the previous year (12 months up to and including July 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 July: Chikungunya fever (1), Hepatitis NOS (1), Hydatid disease (1), Ross River virus infection (1), Taeniasis (2)

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

Disease	Jul 2014	Jun 2014	May 2014	Apr 2014	Mar 2014	Feb 2014	Jan 2014	Dec 2013	Nov 2013	Oct 2013	Sep 2013	Aug 2013
Campylobacteriosis	380	388	394	401	509	534	774	899	731	656	663	637
Cryptosporidiosis	25	22	30	18	21	25	36	32	85	167	184	87
Dengue fever	14	11	19	18	29	17	22	9	10	13	7	9
Gastroenteritis ²	49	44	37	49	74	47	50	44	50	44	47	79
Giardiasis	157	157	195	114	157	144	174	145	106	154	145	150
Haemophilus influenzae type b	3	1	0	1	0	1	0	0	1	0	0	0
Hepatitis A	2	1	2	1	10	18	10	2	1	15	5	11
Hepatitis B ³	4	2	5	1	3	1	3	4	0	4	3	3
Hepatitis C ³	6	5	5	3	2	3	4	4	2	2	1	4
Invasive pneumococcal disease	66	54	36	38	36	15	26	37	34	47	64	46
Legionellosis	16	8	10	8	5	9	13	22	18	15	15	5
Leptospirosis	13	5	5	5	2	4	2	2	11	3	6	5
Listeriosis	4	4	1	3	3	2	3	1	0	1	2	3
Malaria	4	3	1	2	2	1	2	2	4	2	4	6
Measles	39	99	11	10	50	39	22	6	0	1	0	0
Meningococcal disease	4	4	8	2	2	1	2	3	2	5	11	6
Mumps	6	1	0	0	5	0	1	1	2	0	3	1
Paratyphoid fever	1	1	3	2	3	1	3	0	2	1	3	2
Pertussis	101	87	91	81	89	103	170	158	208	244	262	265
Rheumatic fever	36	16	20	12	18	17	19	27	13	16	22	27
Rickettsial disease	0	0	0	0	0	0	0	1	1	0	2	0
Rubella	3	0	0	0	0	0	1	0	0	0	0	1
Salmonellosis	72	73	95	51	74	102	104	96	94	102	87	90
Shigellosis	13	11	14	4	19	14	7	9	4	10	9	6
Tuberculosis disease	21	18	25	27	39	18	32	24	22	29	33	14
Typhoid fever	5	4	1	1	7	4	7	5	3	3	0	1
VTEC/STEC infection	8	13	22	22	34	10	11	4	6	7	18	18
Yersiniosis	36	31	21	27	33	36	54	36	61	45	57	40

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