
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 4 July 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	1
2. Outbreaks	3
3. Deaths from notifiable diseases	4
4. Trends in selected diseases to June 2014	5
5. Data tables	6

1. Key notifiable disease trends

Brucellosis: One case of brucellosis was notified in June 2014. After further investigation the case has since been found to not meet case criteria.

Chikungunya fever: Six cases of chikungunya fever were notified in June 2014 (all probable). Five of the cases were females and one of the cases was male. The cases occurred in the 50–59 years (2 cases), 10–14 years, 20–29 years, 30–39 years, and 40–49 years (1 case each). The cases were from Auckland (3 cases), Waitemata (2 cases) and Counties Manukau DHBs (1 case). All of the cases were in Tonga during the incubation period.

Cryptosporidiosis: 22 cases of cryptosporidiosis were notified in June 2014 compared to 67 cases notified during the same month of the previous year. The cases ranged in age from six months to 63 years, with the highest numbers of cases in the 1–4 years (7 cases) and 30–39 years (5 cases) age groups. The highest number of cases was reported from Canterbury (5 cases) DHB. Among the cases where risk factor information was recorded, 66.7% (6/9) had contact with faecal matter, 57.1% (4/7) had consumed food from a food premises, 44.4% (4/9) had contact with farm animals, 40.0% (4/10) had attended school, preschool or childcare, and 37.5% (3/8) had contact with recreational water

Dengue fever: 12 cases of dengue fever were notified in June 2014 compared to three cases notified during the same month of the previous year. All of the cases had travelled overseas during the incubation period. The countries visited were Fiji and Indonesia (3 cases each), Tonga (2 cases), and Cambodia, Cook Islands, French Polynesia, New Caledonia, Vanuatu and Vietnam (1 case each). Some cases visited more than one country.

Diphtheria: One case of diphtheria was notified in June 2014, after further investigation the case has since been found to not meet case criteria.

Hepatitis not otherwise specified (NOS): Two confirmed cases of hepatitis NOS were notified in June 2014. The cases were females aged 40 years and over. One case was infected with hepatitis E and reported overseas travel during the incubation period for this disease. The other case was infected with hepatitis D and reported no exposure to risk factors commonly associated with this disease.

Measles: 105 cases of measles were notified in June 2014 (94 confirmed, 1 probable, and 10 under investigation), compared to zero cases notified during the same month of the previous year. The cases were reported from Waikato (98 cases), Hawke's Bay (3 cases), Counties Manukau (2 cases) and Taranaki and Hutt Valley (1 case each) DHBs. Cases ranged in age from three months to 46 years, with the highest numbers of cases in the 15–19 years (39 cases) and 10–14 years (38 cases) age groups. Seven cases were hospitalised and no deaths were reported. Of the 89 cases with immunisation information, 12.4% (11/89) were recorded as being immunised. Seven cases had received only one dose of the MMR vaccine and four cases had received two doses. Of the cases for which risk factor information was recorded, 91.6% (76/83) reported contact with another measles case in the previous three weeks and 84.5% (82/97) attended school, pre-school or childcare. Two interim measles outbreaks were reported in June (case numbers yet to be determined).

Pertussis: 93 cases of pertussis were notified in June 2014 (21 confirmed, 56 probable, 6 suspect and 10 under investigation) compared to 195 cases in the same month of the previous year (Figure 1). Of the 69 cases with hospitalisation status recorded, one (1.4%) case was hospitalised. The highest numbers of cases were reported from Capital & Coast (17 cases), Waitemata (16 cases), and Counties Manukau and Waikato (10 cases each) DHBs. Ethnicity was recorded for 79 (84.9%) cases. The cases were distributed by ethnic groups as follows: European or Other (60 cases), Maori (16 cases), Pacific Peoples (2 cases) and Asian (1 case). The cases ranged in age from two months to 94 years, with the highest numbers of cases in the 30–39 years and the 40–49 years (13 cases) age groups. The vaccination status was recorded for 46 (49.5%) cases. Of these, 18 were reported as not vaccinated, eight received one dose of vaccine, one received two doses of vaccine, 14 received three or more doses, and five were reported as being vaccinated but no dose information was available.

Taeniasis: Two confirmed cases of taeniasis were notified in June 2014. Both cases were female and occurred in the 20–29 years and the 30–39 years age groups. The cases were from Auckland Counties Manukau DHBs. One of the cases was in Ethiopia during the incubation period and the other case had travelled previously to Laos.

Salmonellosis: 72 cases of salmonellosis were notified in June 2014 compared to 53 cases notified in the same month of the previous year (Figure 2). The highest numbers of cases were reported from Waitemata and Auckland (12 cases each) and Southern (11 cases) DHBs. The cases ranged in age from one month to 84 years, with the highest numbers of cases in the 30–39 years (12 cases), 50–59 years (11 cases) and 1–4 years (10 cases) age groups. Six cases were hospitalised. The serotype involved was recorded for 69 (95.8%) cases. The most common serotypes were: *Salmonella* Enteritidis phage type 11 and *S. Stanley* (5 cases each), and *S. Infantis* (4 cases).

Zika virus: 13 cases were notified in June 2014 (11 confirmed and 2 under investigation), after further investigation one of these cases has since been found to not meet case criteria. Seven cases were female and five male. The age range for cases was 30–75 years with the highest number of cases in the 40–49 years age group (4 cases). Cases were distributed by DHB as follows: Auckland (5 cases), Waitemata, Counties Manukau and Bay of Plenty (2 cases each), and Northland (1 case). All cases travelled during the incubation period and all, except one, travelled to the Cook Islands. The remaining case had travelled to New Caledonia.

2. Outbreaks

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

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
<i>Bordetella pertussis</i>	Taranaki	1	5
<i>Campylobacter</i>	Waikato	1	3
Gastroenteritis ¹	Auckland, Counties Manukau, Hawke's Bay, MidCentral, Hutt Valley, Capital & Coast	7	55
<i>Giardia</i> ²	Auckland, Waikato, Bay of Plenty	3	16
Norovirus	Taranaki, Hawke's Bay, MidCentral, Hutt Valley, Nelson Marlborough, Canterbury, Southern	8	202
Sapovirus	Whanganui	1	25
<i>Yersinia</i>	Waikato	1	2
		22	308

¹ Includes outbreaks reported to PHSs prior to June 2014: gastroenteritis (2) both reported in May 2014.

² Includes one *Giardia* outbreak with overseas transmission (Fiji).

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

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
<i>Campylobacter</i>	Auckland	1	10
Ciguatera fish poisoning ¹	Counties Manukau	1	-
Gastroenteritis ¹	Waitemata, Auckland, Waikato, Tairāwhiti, Taranaki, MidCentral, South Canterbury, Southern	15	129
<i>Giardia</i> ¹	Waikato	1	-
Measles virus ¹	Counties Manukau, Waikato	2	3
Norovirus ¹	Waitemata, West Coast, Canterbury, Southern	9	174
Total		29	316

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

3. Deaths from notifiable diseases

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

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

Disease	District health board	Age group (years)
Invasive pneumococcal disease	Bay of Plenty	70+
Listeriosis	Counties Manukau	70+

4. Trends in selected diseases to June 2014

Figure 1. Pertussis notifications by month, January 2009–June 2014

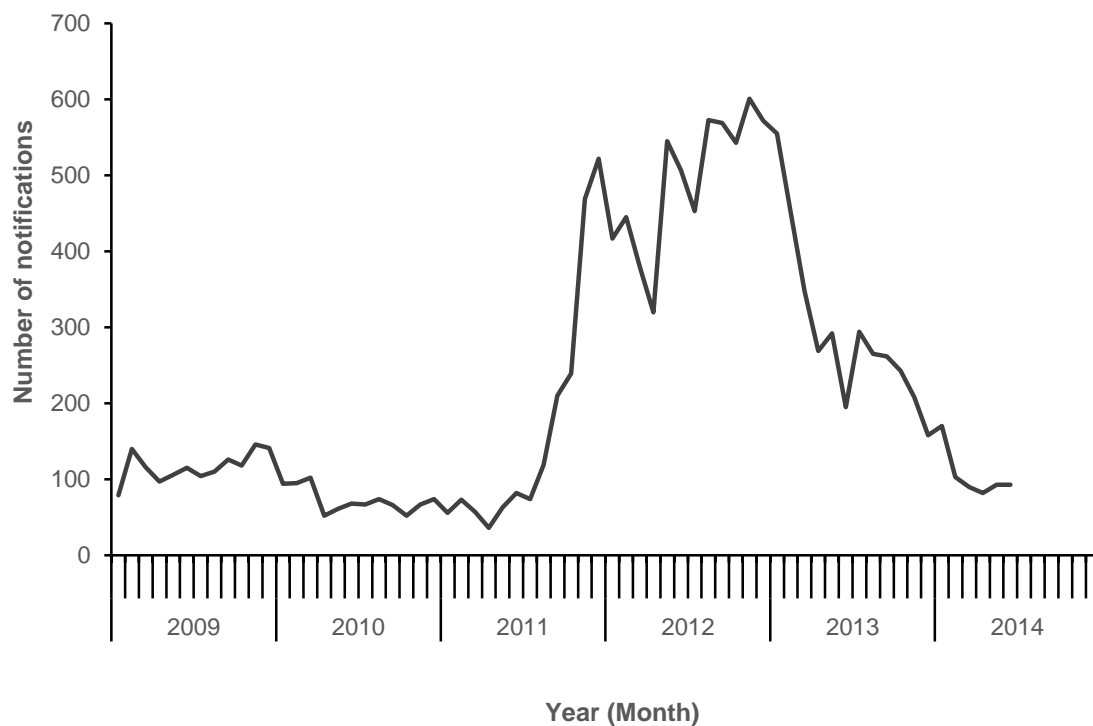
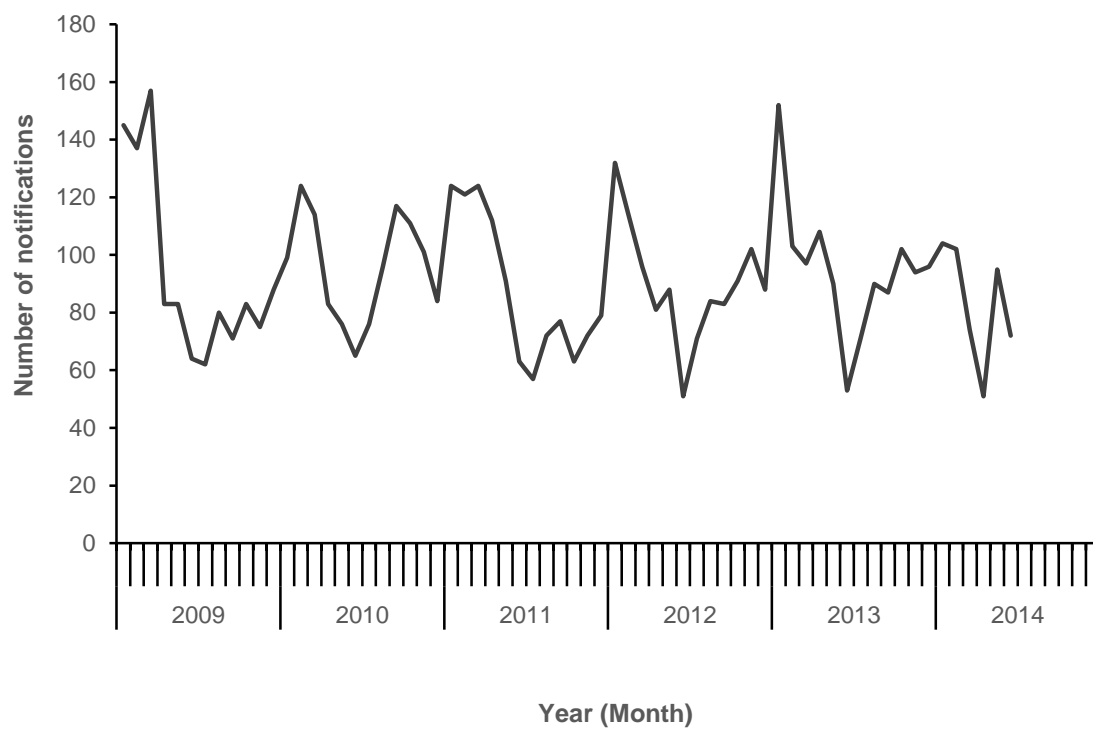


Figure 2. Salmonellosis notifications by month, January 2009–June 2014



5. Data tables

National Notifiable Disease Surveillance Data June 2014

Disease	Current Year - 2014 ¹			Previous Year - 2013		
	June 2014 Cases	Cumulative total since 1 January	Current 12 Month Rate ²	June 2013 Cases	Cumulative total since 1 January	Current 12 Month Rate ²
Campylobacteriosis	390	3001	159.0	373	2727	140.2
Cryptosporidiosis	22	152	17.6	67	715	30.5
Dengue fever	12	117	3.9	3	47	2.0
Gastroenteritis ³	42	298	13.8	27	239	14.9
Giardiasis	157	941	39.7	139	893	37.3
Haemophilus influenzae type b	4	6	0.2	0	1	0.1
Hepatitis A	1	42	2.0	8	45	1.4
Hepatitis B ⁴	2	15	0.7	3	11	0.8
Hepatitis C ⁴	6	24	1.0	1	16	0.6
Invasive pneumococcal disease ⁵	55	206	11.3	41	182	11.0
Legionellosis	9	57	3.2	6	63	3.0
Leptospirosis	7	28	1.4	3	26	1.8
Listeriosis	4	16	0.5	0	11	0.6
Malaria	3	11	0.7	5	26	1.1
Measles	105	237	5.5	0	1	0.0
Meningococcal disease ⁶	5	20	1.4	4	27	1.8
Mumps	2	8	0.3	2	16	0.7
Paratyphoid fever	1	13	0.5	0	15	0.6
Pertussis	93	631	46.1	195	2110	121.7
Rheumatic fever	16	102	4.9	10	83	3.3
Rickettsial disease	0	0	0.1	1	4	0.1
Rubella	2	3	0.1	0	0	0.0
Salmonellosis	72	498	23.2	53	603	25.3
Shigellosis	11	69	2.7	15	86	3.1
Tuberculosis disease	19	162	6.8	21	134	6.6
Typhoid fever	4	24	0.8	5	36	1.4
VTEC/STEC infection	14	115	3.8	13	148	4.9
Yersiniosis	31	204	11.0	26	198	10.5

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 June 2014) or the previous year (12 months up to and including June 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 June: Brucellosis (1), Chikungunya fever (6), Diphtheria (1), Hepatitis NOS (2), Taeniasis (2), Zika virus (13)

Notifiable Disease Surveillance Data by District Health Board June 2014

		Cases ¹ and current rate ² for June 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	12	46	29	37	24	7	17	6	7	18	5	18	11	41	6	14	1	60	13	18
	Rate	140.5	135.0	128.2	108.6	203.1	161.2	148.4	182.0	202.3	211.0	174.7	178.0	115.4	158.0	182.0	157.1	214.4	170.9	356.1	195.6
Cryptosporidiosis	Cases	1	1	2	0	1	0	1	0	0	0	1	2	0	2	1	2	1	5	0	2
	Rate	18.3	13.0	12.8	7.0	29.5	17.5	10.3	8.6	19.9	19.3	19.2	18.9	6.3	9.3	22.1	12.0	27.6	31.3	59.6	23.2
Dengue fever	Cases	0	1	6	2	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
	Rate	2.5	5.0	10.5	7.8	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	1.8	1.8	1.3
Gastroenteritis	Cases	0	6	7	4	3	0	1	0	0	0	6	5	1	4	1	1	1	0	0	2
	Rate	4.4	13.9	16.0	6.8	7.0	7.8	13.6	0.0	7.2	0.0	36.9	58.3	42.4	33.3	12.3	1.4	30.6	6.7	1.8	5.2
Giardiasis	Cases	8	26	23	11	18	6	8	3	3	7	0	1	4	13	0	4	0	10	2	10
	Rate	36.5	41.1	41.9	33.4	46.4	64.1	51.2	42.8	38.8	54.0	24.0	21.8	27.8	47.7	41.8	37.5	21.4	35.1	36.8	36.8
Haemophilus influenzae type b	Cases	0	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0
	Rate	0.0	0.2	0.2	0.0	0.3	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	3.1	0.0	0.0	0.0
Hepatitis A	Cases	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	Rate	2.5	2.7	1.7	2.3	0.3	0.0	0.5	0.0	0.0	5.1	0.0	0.6	4.9	0.7	0.0	0.0	0.0	4.9	1.8	1.0
Hepatitis B	Cases	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0
	Rate	1.9	0.4	0.4	0.6	1.3	0.0	0.9	0.0	0.0	0.6	3.2	0.0	0.0	0.0	0.0	0.0	3.1	1.4	0.0	1.3
Hepatitis C	Cases	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1	0	0	0	2
	Rate	3.1	0.2	1.1	0.2	0.0	0.0	0.0	0.0	3.6	0.6	4.8	0.0	2.8	0.3	0.0	1.4	0.0	1.6	0.0	2.9
Invasive pneumococcal	Cases	2	5	7	7	10	2	3	0	0	1	2	2	2	1	1	0	0	9	1	0
	Rate	10.7	9.1	11.1	14.0	12.3	28.2	15.5	4.3	7.2	14.2	20.8	13.0	9.7	8.7	17.2	7.1	15.3	9.7	7.0	6.8
Legionellosis	Cases	2	1	0	0	2	0	0	0	0	1	0	1	0	0	0	0	0	2	0	0
	Rate	5.7	4.4	1.3	2.5	1.1	1.0	0.9	0.0	2.7	1.3	0.0	4.1	0.7	0.3	0.0	0.7	21.4	10.4	3.5	2.6
Leptospirosis	Cases	2	0	0	0	0	0	1	0	0	3	0	0	0	0	0	0	0	0	0	1
	Rate	2.5	0.4	0.2	0.4	0.5	3.9	1.4	0.0	4.5	10.9	0.0	3.5	0.0	0.0	7.4	0.7	3.1	0.8	7.0	0.6
Listeriosis	Cases	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.4	1.1	1.0	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	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.5	2.1	1.0	0.5	0.0	0.9	0.0	0.9	0.0	1.6	0.6	2.1	0.3	0.0	0.7	0.0	0.4	0.0	0.0
Measles	Cases	0	0	0	2	98	0	0	0	1	3	0	0	1	0	0	0	0	0	0	0
	Rate	0.0	11.2	4.5	5.8	27.6	13.6	0.5	0.0	0.9	3.2	0.0	0.0	0.7	1.3	0.0	0.0	0.0	0.2	0.0	0.0
Meningococcal disease	Cases	0	0	0	0	1	0	2	0	0	0	0	1	0	0	0	0	0	0	0	1
	Rate	1.9	0.9	1.1	2.3	1.1	1.9	2.3	0.0	0.9	2.6	1.6	1.2	0.7	1.0	0.0	0.7	0.0	0.6	3.5	2.3
Mumps	Cases	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	Rate	0.6	0.5	0.9	0.4	0.0	0.0	0.5	2.1	0.0	0.6	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	1.8	0.0
Paratyphoid fever	Cases	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.9	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	4	16	6	10	10	2	0	0	6	7	0	0	2	17	0	4	0	5	0	4
	Rate	60.5	38.1	29.5	51.4	46.1	18.4	25.8	45.0	25.3	23.8	11.2	8.3	38.9	46.7	19.7	208.8	147.0	64.0	31.6	33.9
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	2	2	6	0	0	3	1	0	0	0	0	0	1	0	0	0	0	0	0
	Rate	10.7	1.2	5.1	16.1	5.9	4.9	6.6	25.7	0.0	3.9	1.6	0.6	4.9	3.7	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	0.9	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	1	0	1	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	0.6	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Salmonellosis	Cases	1	12	12	6	5	2	2	2	1	2	0	2	0	1	0	2	1	8	2	11
	Rate	25.2	22.6	25.0	15.1	21.7	18.4	24.0	38.5	10.8	16.1	11.2	16.5	16.0	18.3	22.1	22.6	27.6	28.8	33.3	45.8
Shigellosis	Cases	0	2	2	1	2	0	0	0	1	0	0	1	0	1	0	0	0	0	0	1
	Rate	0.6	2.5	6.6	4.8	2.7	1.0	0.0	0.0	1.8	0.6	0.0	0.6	0.0	3.3	0.0	0.7	0.0	1.0	7.0	4.5
Tuberculosis disease	Cases	0	0	4	5	2	0	2	0	0	1	0	1	1	1	0	0	0	2	0	0
	Rate	1.9	4.3	12.4	13.6	7.2	2.9	3.8	4.3	3.6	2.6	4.8	5.9	2.8	14.0	7.4	2.8	6.1	4.7	3.5	2.3
Typhoid fever	Cases	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1
	Rate	0.6	0.7	2.4	1.9	0.0	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	1	2	1	2	0	1	0	0	1	0	2	1	0	0	0	0	1	1	0
	Rate	6.9	2.7	3.4	3.1	8.6	1.9	6.1	0.0	4.5	1.9	3.2	1.8	1.4	1.7	0.0	1.4	0.0	5.9	10.5	2.9
Yersiniosis	Cases	1	2	5	0	5	0	0	0	1	0	0	1	2	4	0	0	0	6	1	3
	Rate	7.6	7.8	12.6	9.1	9.9	21.4	10.3	15.0	8.1	5.1	4.8	9.4	12.5	18.3	2.5	0.7	6.1	20.3	8.8	6.5

¹ These data are provisional

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

		Cases ¹ and current rate ² for June 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	12	46	29	37	24	7	17	6	7	18	5	18	11	41	6	14	1	60	13	18
	Rate	140.5	135.0	128.2	108.6	203.1	161.2	148.4	182.0	202.3	211.0	174.7	178.0	115.4	158.0	182.0	157.1	214.4	170.9	356.1	195.6
Cryptosporidiosis	Cases	1	1	2	0	1	0	1	0	0	0	1	2	0	2	1	2	1	5	0	2
	Rate	18.3	13.0	12.8	7.0	29.5	17.5	10.3	8.6	19.9	19.3	19.2	18.9	6.3	9.3	22.1	12.0	27.6	31.3	59.6	23.2
Dengue fever	Cases	0	1	6	2	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0
	Rate	2.5	5.0	10.5	7.8	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	1.8	1.8	1.3
Gastroenteritis	Cases	0	6	7	4	3	0	1	0	0	0	6	5	1	4	1	1	1	0	0	2
	Rate	4.4	13.9	16.0	6.8	7.0	7.8	13.6	0.0	7.2	0.0	36.9	58.3	42.4	33.3	12.3	1.4	30.6	6.7	1.8	5.2
Giardiasis	Cases	8	26	23	11	18	6	8	3	3	7	0	1	4	13	0	4	0	10	2	10
	Rate	36.5	41.1	41.9	33.4	46.4	64.1	51.2	42.8	38.8	54.0	24.0	21.8	27.8	47.7	41.8	37.5	21.4	35.1	36.8	36.8
Haemophilus influenzae type b	Cases	0	1	0	0	0	0	1	0	0	0	0	0	0	2	0	0	0	0	0	0
	Rate	0.0	0.2	0.2	0.0	0.3	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	3.1	0.0	0.0	0.0
Hepatitis A	Cases	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	Rate	2.5	2.7	1.7	2.3	0.3	0.0	0.5	0.0	0.0	5.1	0.0	0.6	4.9	0.7	0.0	0.0	0.0	4.9	1.8	1.0
Hepatitis B	Cases	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0
	Rate	1.9	0.4	0.4	0.6	1.3	0.0	0.9	0.0	0.0	0.6	3.2	0.0	0.0	0.0	0.0	0.0	3.1	1.4	0.0	1.3
Hepatitis C	Cases	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1	0	0	0	2
	Rate	3.1	0.2	1.1	0.2	0.0	0.0	0.0	0.0	3.6	0.6	4.8	0.0	2.8	0.3	0.0	1.4	0.0	1.6	0.0	2.9
Invasive pneumococcal disease	Cases	2	5	7	7	10	2	3	0	0	1	2	2	2	1	1	0	0	9	1	0
	Rate	10.7	9.1	11.1	14.0	12.3	28.2	15.5	4.3	7.2	14.2	20.8	13.0	9.7	8.7	17.2	7.1	15.3	9.7	7.0	6.8
Legionellosis	Cases	2	1	0	0	2	0	0	0	0	1	0	1	0	0	0	0	0	2	0	0
	Rate	5.7	4.4	1.3	2.5	1.1	1.0	0.9	0.0	2.7	1.3	0.0	4.1	0.7	0.3	0.0	0.7	21.4	10.4	3.5	2.6
Leptospirosis	Cases	2	0	0	0	0	0	1	0	0	3	0	0	0	0	0	0	0	0	0	1
	Rate	2.5	0.4	0.2	0.4	0.5	3.9	1.4	0.0	4.5	10.9	0.0	3.5	0.0	0.0	7.4	0.7	3.1	0.8	7.0	0.6
Listeriosis	Cases	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.4	1.1	1.0	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	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.5	2.1	1.0	0.5	0.0	0.9	0.0	0.9	0.0	1.6	0.6	2.1	0.3	0.0	0.7	0.0	0.4	0.0	0.0
Measles	Cases	0	0	0	2	98	0	0	0	1	3	0	0	1	0	0	0	0	0	0	0
	Rate	0.0	11.2	4.5	5.8	27.6	13.6	0.5	0.0	0.9	3.2	0.0	0.0	0.7	1.3	0.0	0.0	0.0	0.2	0.0	0.0
Meningococcal disease	Cases	0	0	0	0	1	0	2	0	0	0	0	1	0	0	0	0	0	0	0	1
	Rate	1.9	0.9	1.1	2.3	1.1	1.9	2.3	0.0	0.9	2.6	1.6	1.2	0.7	1.0	0.0	0.7	0.0	0.6	3.5	2.3
Mumps	Cases	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	Rate	0.6	0.5	0.9	0.4	0.0	0.0	0.5	2.1	0.0	0.6	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.0	1.8	0.0
Paratyphoid fever	Cases	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.9	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	4	16	6	10	10	2	0	0	6	7	0	0	2	17	0	4	0	5	0	4
	Rate	60.5	38.1	29.5	51.4	46.1	18.4	25.8	45.0	25.3	23.8	11.2	8.3	38.9	46.7	19.7	208.8	147.0	64.0	31.6	33.9
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	2	2	6	0	0	3	1	0	0	0	0	0	1	0	0	0	0	0	0
	Rate	10.7	1.2	5.1	16.1	5.9	4.9	6.6	25.7	0.0	3.9	1.6	0.6	4.9	3.7	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	0.9	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	1	0	1	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	0.6	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Salmonellosis	Cases	1	12	12	6	5	2	2	2	1	2	0	2	0	1	0	2	1	8	2	11
	Rate	25.2	22.6	25.0	15.1	21.7	18.4	24.0	38.5	10.8	16.1	11.2	16.5	16.0	18.3	22.1	22.6	27.6	28.8	33.3	45.8
Shigellosis	Cases	0	2	2	1	2	0	0	0	1	0	0	1	0	1	0	0	0	0	0	1
	Rate	0.6	2.5	6.6	4.8	2.7	1.0	0.0	0.0	1.8	0.6	0.0	0.6	0.0	3.3	0.0	0.7	0.0	1.0	7.0	4.5
Tuberculosis disease	Cases	0	0	4	5	2	0	2	0	0	1	0	1	1	1	0	0	0	2	0	0
	Rate	1.9	4.3	12.4	13.6	7.2	2.9	3.8	4.3	3.6	2.6	4.8	5.9	2.8	14.0	7.4	2.8	6.1	4.7	3.5	2.3
Typhoid fever	Cases	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1
	Rate	0.6	0.7	2.4	1.9	0.0	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	1	2	1	2	0	1	0	0	1	0	2	1	0	0	0	0	1	1	0
	Rate	6.9	2.7	3.4	3.1	8.6	1.9	6.1	0.0	4.5	1.9	3.2	1.8	1.4	1.7	0.0	1.4	0.0	5.9	10.5	2.9
Yersiniosis	Cases	1	2	5	0	5	0	0	0	1	0	0	1	2	4	0	0	0	6	1	3
	Rate	7.6	7.8	12.6	9.1	9.9	21.4	10.3	15.0	8.1	5.1	4.8	9.4	12.5	18.3	2.5	0.7	6.1	20.3	8.8	6.5

¹ These data are provisional

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

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

National Notifiable Disease Surveillance Data June 2014

Disease	Current Year - 2014 ¹			Previous Year - 2013		
	June 2014 Cases	Cumulative total since 1 January	Current 12 Month Rate ²	June 2013 Cases	Cumulative total since 1 January	Current 12 Month Rate ²
Campylobacteriosis	390	3001	159.0	373	2727	140.2
Cryptosporidiosis	22	152	17.6	67	715	30.5
Dengue fever	12	117	3.9	3	47	2.0
Gastroenteritis ³	42	298	13.8	27	239	14.9
Giardiasis	157	941	39.7	139	893	37.3
Haemophilus influenzae type b	4	6	0.2	0	1	0.1
Hepatitis A	1	42	2.0	8	45	1.4
Hepatitis B ⁴	2	15	0.7	3	11	0.8
Hepatitis C ⁴	6	24	1.0	1	16	0.6
Invasive pneumococcal disease	55	206	11.3	41	182	11.0
Legionellosis	9	57	3.2	6	63	3.0
Leptospirosis	7	28	1.4	3	26	1.8
Listeriosis	4	16	0.5	0	11	0.6
Malaria	3	11	0.7	5	26	1.1
Measles	105	237	5.5	0	1	0.0
Meningococcal disease	5	20	1.4	4	27	1.8
Mumps	2	8	0.3	2	16	0.7
Paratyphoid fever	1	13	0.5	0	15	0.6
Pertussis	93	631	46.1	195	2110	121.7
Rheumatic fever	16	102	4.9	10	83	3.3
Rickettsial disease	0	0	0.1	1	4	0.1
Rubella	2	3	0.1	0	0	0.0
Salmonellosis	72	498	23.2	53	603	25.3
Shigellosis	11	69	2.7	15	86	3.1
Tuberculosis disease	19	162	6.8	21	134	6.6
Typhoid fever	4	24	0.8	5	36	1.4
VTEC/STEC infection	14	115	3.8	13	148	4.9
Yersiniosis	31	204	11.0	26	198	10.5

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 June 2014) or the previous year (12 months up to and including June 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 June: Brucellosis (1), Chikungunya fever (6), Diphtheria (1), Hepatitis NOS (2), Taeniasis (2), Zika virus (13)

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

Disease	Jun 2014	May 2014	Apr 2014	Mar 2014	Feb 2014	Jan 2014	Dec 2013	Nov 2013	Oct 2013	Sep 2013	Aug 2013	Jul 2013
Campylobacteriosis	390	394	401	508	534	774	899	731	656	663	637	524
Cryptosporidiosis	22	30	18	21	25	36	32	85	167	184	87	78
Dengue fever	12	19	18	29	17	22	9	10	13	7	9	11
Gastroenteritis ²	42	37	48	74	47	50	44	50	44	47	79	55
Giardiasis	157	195	114	157	144	174	145	106	154	145	150	136
Haemophilus influenzae type b	4	0	1	0	1	0	0	1	0	0	0	0
Hepatitis A	1	2	1	10	18	10	2	1	15	5	11	12
Hepatitis B ³	2	5	1	3	1	3	4	0	4	3	3	3
Hepatitis C ³	6	5	3	3	3	4	4	2	2	1	4	7
Invasive pneumococcal disease	55	36	38	36	15	26	37	34	47	64	46	69
Legionellosis	9	11	8	7	9	13	22	18	15	15	5	13
Leptospirosis	7	7	5	2	4	3	2	11	3	6	5	6
Listeriosis	4	1	3	3	2	3	1	0	1	2	3	1
Malaria	3	1	2	2	1	2	2	4	2	4	6	3
Measles	105	11	10	50	39	22	6	0	1	0	0	0
Meningococcal disease	5	8	2	2	1	2	3	2	5	11	6	14
Mumps	2	0	0	5	0	1	1	2	0	3	1	0
Paratyphoid fever	1	3	2	3	1	3	0	2	1	3	2	2
Pertussis	93	93	82	90	103	170	158	208	243	262	265	294
Rheumatic fever	16	20	12	19	17	18	27	13	17	22	27	12
Rickettsial disease	0	0	0	0	0	0	1	1	0	2	0	1
Rubella	2	0	0	0	0	1	0	0	0	0	1	0
Salmonellosis	72	95	51	74	102	104	96	94	102	87	90	71
Shigellosis	11	14	4	19	14	7	9	4	10	9	6	13
Tuberculosis disease	19	27	27	39	18	32	25	22	29	33	14	19
Typhoid fever	4	1	1	7	4	7	5	3	3	0	1	2
VTEC/STEC infection	14	23	23	34	10	11	4	6	7	18	18	4
Yersiniosis	31	22	28	33	36	54	36	61	45	57	40	48

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