
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 8 July 2015. 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

Brucellosis: One confirmed brucellosis case was notified in June 2015. The case was a male from Auckland DHB, who reported overseas travel to Saudi Arabia during the incubation period.

Chikungunya fever: Three chikungunya cases were notified in June 2015 (1 confirmed and 2 probable) compared to six cases notified during the same month of the previous year. The cases were reported from Waitemata (2 cases) and Southern (1 case) DHBs. The cases were overseas during the incubation period and had travelled to Cook Islands (2 cases) and Samoa (1 case).

Cronobacter species: One probable *Cronobacter* species was reported from Waikato DHB. The case was a male in the 50–59 years age group with chronic illness and immune suppression.

Cysticercosis: One probable cysticercosis case was notified in June 2015. The case was a male from Waikato DHB, who reported overseas travel to Zambia during the incubation period.

Haemophilus influenzae type b: Six cases (2 confirmed and 4 under investigation) were notified in June 2015 compared to one case notified during the same month of the previous year. After further investigation, the cases that were under investigation have since been found to not meet the case criteria. The confirmed cases were from the West Coast DHB. Both cases were aged less than 5 years, and lived in a communal setting and were not vaccinated. One interim *H. influenzae* type b outbreak was created in EpiSurv in June from the West Coast (case numbers yet to be determined).

Hepatitis A: Three cases (2 confirmed and 1 under investigation) were notified in June 2015 compared to one case notified during the same month of the previous year. The cases were reported from Counties Manukau, Tairāwhiti, and MidCentral (1 case each) DHBs. The cases were in the 15–19 years (2 cases) and 70 years and over (1 case) age groups. Two cases were overseas during the incubation period and both had travelled to Cambodia.

Legionellosis: 17 cases were notified in June 2015 (10 confirmed, 4 probable, and 3 under investigation) compared to 24 cases notified during the previous month, and six during the same month of the previous year. The highest numbers of cases were reported from Canterbury (4 cases) and Bay of Plenty (3 cases) DHBs. The *Legionella* species was identified for 13 cases as: *L. longbeachae* (6 cases), *L. pneumophila* (5 cases), *L. micdadei*, and *L. saintelensis* (1 case each). The increase in legionellosis notifications in June

may be due to the LegiNZ study, which began in May 2015 and involves 20 hospitals in 17 DHBs. One interim *L. pneumophila* outbreak was created in EpiSurv in June from Canterbury (case numbers yet to be determined).

Measles: Three cases of measles (2 confirmed and 1 under investigation) were notified in June 2015 compared to 98 cases notified during the same month of the previous year. After further investigation, the case that was under investigation has since been found to not meet the case criteria. The cases were reported from MidCentral DHB (2 cases) in the 20–29 years and 30–39 years age groups (1 case each). One case was hospitalised and no deaths were reported. The cases were not vaccinated. Both cases were linked to an outbreak reported in May 2015 from MidCentral DHB. One interim measles outbreak was created in EpiSurv in June from MidCentral (case numbers yet to be determined).

Meningococcal disease: Nine cases of meningococcal disease were notified in June 2015 compared to four cases notified during the same month of the previous year (Figure 1). The cases were reported from Counties Manukau (3 cases), Waikato (2 cases), Auckland, Lakes, Canterbury, and Southern (1 case each) DHBs. Five cases were less than 10 years: 1–4 years age group (3 cases), and under 1 year and 5–9 years age groups (1 case each). All nine cases were hospitalised and no deaths were reported. Eight cases were laboratory confirmed and the strain type was determined for seven cases: group B (5 cases, including two cases of B:P1.7-2,4) and group W135 (2 cases).

Mumps: Three cases of mumps (2 probable and 1 under investigation) were notified in June 2015 compared with zero cases notified during the same month of the previous year. After further investigation, one of the probable cases has since been found to not meet the case criteria. The cases were reported from Taranaki and South Canterbury (1 case each) DHBs. The cases were in the 5–9 years age groups. One of the cases was recorded as immunised and received two doses of the vaccine.

Pertussis: 100 cases of pertussis were notified in June 2015 compared to 85 cases in the same month of the previous year (Figure 2). After further investigation, four cases have since been found to not meet the case criteria. Eight cases were hospitalised and no deaths were reported. There were 24 (25.0%) cases laboratory-confirmed by isolation of *Bordetella pertussis* from the nasopharynx. A further 22 (22.9%) cases were laboratory-confirmed by PCR. The highest numbers of cases were reported from Canterbury (22 cases), Waitemata (18 cases), and Counties Manukau (13 cases) DHBs. The cases ranged in age from 2 months to 85 years, with 21.9% under 5 years old (including 7 cases aged less than 1 year). The highest numbers of cases were in the 10–14 years (17 cases) and 1–4 years (14 cases) age groups. The vaccination status was recorded for 54 (56.3%) cases. Of these, 25 were reported as not vaccinated, five received one dose of vaccine, one received two doses of vaccine, 17 received three or more doses (including two who had received all five doses), and six were reported as being vaccinated but no dose information was available. Of the cases where the relevant information was recorded 44.2% (34/77) attended school, pre-school or childcare, and 39.5% (17/43) had contact with a laboratory-confirmed pertussis case. One finalised *B. pertussis* outbreak was created in June involving two cases.

Taeniasis: One confirmed case was notified in June 2015. The case was a female from Waitemata DHB, who reported overseas travel to Laos during the incubation period.

Tetanus: One confirmed case was notified in June 2015. The case was a female from Nelson Marlborough DHB in the 70 years and over age group who fell in a garden and sustained lacerations to her leg, scalp and elbow. This was a late notification with a date of onset in 2014.

Tuberculosis disease: 28 cases of tuberculosis disease (all new cases) were notified in June 2015 compared to 16 cases notified during the same month of the previous year. After further investigation, four cases have since been found to not meet the case criteria. The highest number of cases was reported in the Auckland region (12 cases). The cases ranged in age from 20 to 90 years, with the highest numbers of cases in the 20–29 years (6 cases) age group. Of the cases for which risk factor information was recorded, 72.7% (16/22) of cases were born outside of New Zealand. Twenty-one cases were laboratory confirmed. The mycobacterial species was recorded for 13 cases: all were infected with *M. tuberculosis*.

VTEC/STEC infection: 14 cases of VTEC/STEC infection (11 confirmed and 3 under investigation) were notified in June 2015 compared to nine cases notified during the same month of the previous year. After further investigation, two cases that were under investigation have since been found to not meet the case criteria. The highest numbers of cases were reported from Counties Manukau (4 cases), Waikato and

Southern (2 cases each) DHBs. The highest numbers of cases occurred in the 1–4 years (4 cases), 5–9 years and 50–59 years (2 cases each) age groups. Four cases were hospitalised. Nine cases were confirmed by the Enteric Reference Laboratory as being infected with VTEC/STEC. The serotype was identified as O157:H7 (8 cases) and non-O157 (1 case). Among the cases for whom risk factor was recorded, 66.7% (4/6) had contact with animals and 33.3% (2/6) had contact with nappies during the incubation period.

Zika virus: One case still under investigation was notified in June 2015. The case was a male from Nelson Marlborough DHB, who reported overseas travel to the Cook Islands during the incubation period.

2. Outbreaks

During June 2015, a total of 40 outbreaks (14 final and 26 interim) were created in EpiSurv (Table 1 and Table 2). 30 (75.0%) were outbreaks of acute gastroenteritis (9 finalised and 21 interim) involving 184 cases in total. This compares with 41 acute gastroenteritis outbreaks involving 1146 cases in total created during the same month of the previous year. Of the 30 acute gastroenteritis outbreaks, eight were norovirus. The majority of acute gastroenteritis outbreaks (36.7%, 11/30) had person-to-person (10 primary and 1 secondary) mode of transmission reported. The most commonly reported settings where exposure occurred were long term care facilities (9 outbreaks) and childcare centres (5 outbreaks).

Table 1. Summary of final outbreaks created in EpiSurv during June 2015

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
<i>Bordetella pertussis</i>	Waikato	1	2
<i>Campylobacter</i>	Bay of Plenty	1	5
<i>Cryptosporidium</i>	Waikato	1	2
Gastroenteritis	Northland, Waikato, Hawke's Bay, MidCentral, Canterbury	7	35
<i>Giardia</i>	Waitemata, Southern	2	11
Norovirus	MidCentral, Nelson Marlborough	2	34
Total		14	89

Table 2. Summary of interim outbreaks created in EpiSurv during June 2015

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
<i>Campylobacter</i>	Southern	1	2
Gastroenteritis ¹	Waitemata, Tairāwhiti, Whanganui, MidCentral, Hutt Valley, Capital & Coast, Canterbury, Southern	15	94
<i>Giardia</i>	Southern	1	3
<i>Haemophilus influenzae</i> type b	West Coast	1	2
<i>Legionella pneumophila</i> ²	Canterbury	1	6
Measles virus ^{1,2}	MidCentral	1	-
Norovirus ¹	Waikato, Bay of Plenty, Hutt Valley, Canterbury	6	21
Total		26	128

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

² Includes outbreak reported to PHSs prior to June 2015: *L. pneumophila* and measles virus (1 each) both reported in May 2015.

3. Deaths from notifiable diseases

Two deaths, where the primary cause of death was a notifiable disease, were reported in June 2015 (Table 3).

Table 3. Summary of deaths from notifiable diseases reported during June 2015

Disease	District health board	Age group (years)
Invasive pneumococcal disease	Waitemata	60–69
Legionellosis	Waitemata	70+

4. Trends in selected diseases to June 2015

Figure 1. Meningococcal disease notifications by month, January 2009–June 2015

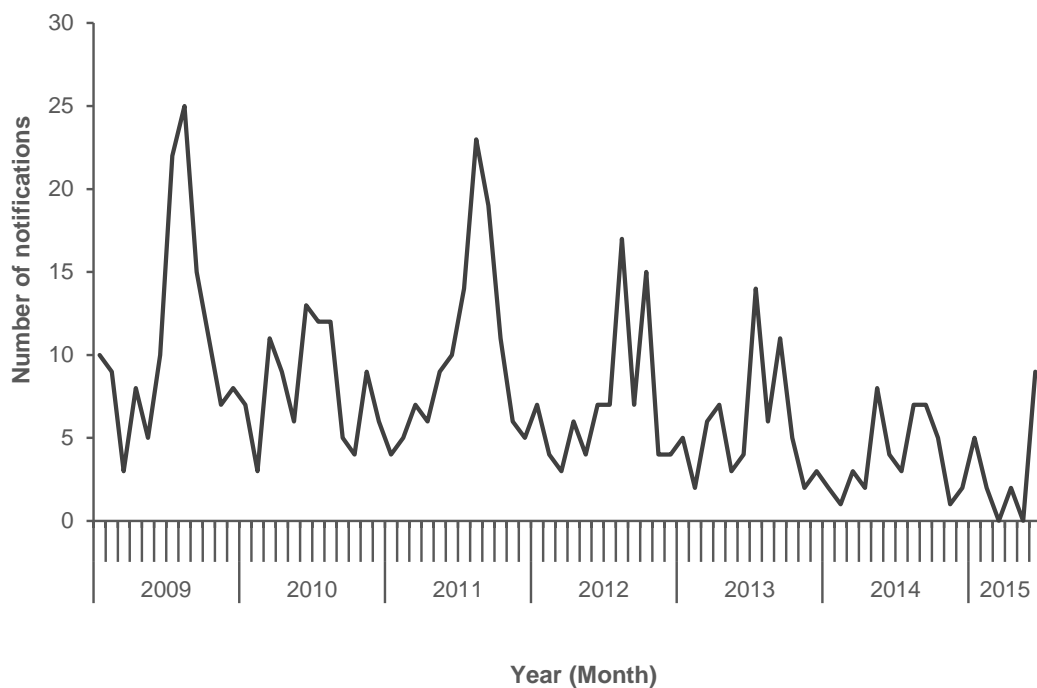
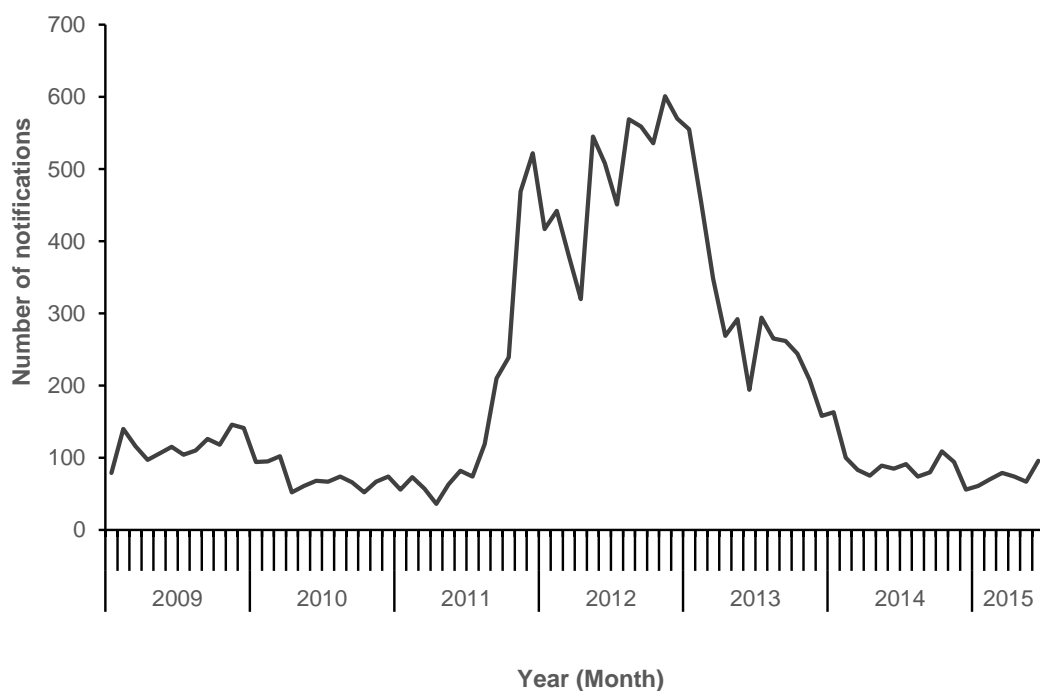


Figure 2. Pertussis notifications by month, January 2009–June 2015



5. Data tables

National Notifiable Disease Surveillance Data June 2015

Disease	Current Year - 2015 ¹			Previous Year - 2014		
	June 2015 Cases	Cumulative total since 1 January	Current 12 Month Rate ²	June 2014 Cases	Cumulative total since 1 January	Current 12 Month Rate ²
Campylobacteriosis	372	2631	142.2	388	3000	160.1
Cryptosporidiosis	22	158	13.1	22	152	17.7
Dengue fever	5	89	3.4	11	115	3.9
Gastroenteritis ³	42	246	15.6	43	300	13.9
Giardiasis	114	769	34.1	157	941	40
Haemophilus influenzae type b	6	8	0.2	1	3	0.1
Hepatitis A	3	25	1.3	1	42	2
Hepatitis B ⁴	4	18	0.8	2	15	0.7
Hepatitis C ⁴	4	23	0.7	4	19	0.9
Invasive pneumococcal disease	50	169	10.5	54	205	11.3
Legionellosis	17	97	3.8	6	48	3.1
Leptospirosis	4	45	1.8	4	20	1.2
Listeriosis	4	12	0.5	4	16	0.5
Malaria	2	17	0.9	3	11	0.7
Measles	3	10	1.3	98	230	5.3
Meningococcal disease	9	18	1	4	20	1.4
Mumps	3	6	0.4	0	6	0.3
Paratyphoid fever	0	16	0.5	1	13	0.5
Pertussis	100	451	21.2	85	595	45.6
Rheumatic fever ⁵	14	68	3.8	15	102	5
Rickettsial disease	2	3	0.2	0	0	0.1
Rubella	0	0	0.1	0	1	0
Salmonellosis	59	594	23.4	70	495	23.3
Shigellosis	7	68	2.8	11	68	2.7
Tuberculosis disease	28	167	7	16	155	6.7
Typhoid fever	2	18	0.8	4	24	0.9
VTEC/STEC infection	14	146	5.1	9	103	3.6
Yersiniosis	32	234	15.9	31	201	11

¹ These data are provisional.

² Rate is based on the cumulative total for the current year (12 months up to and including June 2015) or the previous year (12 months up to and including June 2014), expressed as cases per 100,000. This includes cases still under

³ Cases of gastroenteritis from a common source or foodborne intoxication.

⁴ Only acute cases of this disease are currently notifiable.

⁵ Numbers are based on report date. This may not be a good indicator of newly incident cases as a high proportion of notifications have substantial reporting delays.

Other notifiable infectious disease reported in June: Brucellosis (1), Chikungunya fever (3), Cronobacter species (1), Cysticercosis (1), Taeniasis (1), Tetanus (1), Zika virus (1).

Notifiable Disease Surveillance Data by District Health Board June 2015

		Cases ¹ and current rate ² for June 2015 by District Health Board ³																			
Disease		Northland	Waitemata	Auckland	Counties Manukau	Waikato	Lakes	Bay of Plenty	Tairāhiti	Taranaki	Hawke's Bay	Wairarapa	MidCentral	Hutt Valley	Capital and Coast	Wairarapa	Nelson Marlborough	West Coast	Canterbury	South Canterbury	Southern
Campylobacteriosis	Cases	12	64	38	26	34	12	15	4	11	13	2	9	8	28	6	10	2	41	3	34
	Rate	150	138.6	121.8	97	183.6	178.6	142.6	129.5	169.6	168.1	122.2	122.7	158.3	173.9	149.5	125.8	198.2	125.8	173.8	163.6
Cryptosporidiosis	Cases	1	2	1	3	3	2	1	0	0	0	0	0	0	2	1	1	0	3	0	2
	Rate	16.9	11.4	7.2	8.4	21.4	13.5	9.2	8.5	16.5	11.9	11.3	11.7	4.9	12.1	28	9.8	27.4	15	31	20.3
Dengue fever	Cases	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	0
	Rate	0	4.4	9.5	6.3	1.6	1	4.1	0	0	0	0	0	1.4	4.7	0	0	3	2.3	1.7	1.6
Gastroenteritis	Cases	1	5	11	3	0	0	0	0	0	0	0	9	3	5	0	0	0	4	0	1
	Rate	1.8	10.3	18.9	8.2	0.8	14.5	4.6	4.2	3.5	0	40.2	66.9	57.9	67.1	7	3.5	15.2	6.8	0	2.3
Giardiasis	Cases	2	14	16	6	12	2	10	0	2	9	2	1	3	9	4	1	0	11	1	9
	Rate	30.7	33.9	34.5	33	36.8	58.9	31.3	57.3	16.5	43.3	38.6	15.9	23.7	48.2	51.4	45.4	24.4	30.7	22.4	27.4
Haemophilus influenzae type b	Cases	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0
Hepatitis A	Rate	0	0.2	0.2	0.4	0	1	0.5	0	0	0	0	0	0	0	0	0	6.1	0.2	0	0.3
	Cases	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
	Rate	2.4	0.7	2.8	2.4	0.5	1	1.4	2.1	0	0.6	3.2	2.3	1.4	0.3	0	0	0	0.8	1.7	0.6
Hepatitis B	Cases	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0	1.1	1.7	0.6	0.3	1	1.4	4.2	0.9	0.6	0	0.6	1.4	0.7	0	2.1	0	0.6	0	0.3
Hepatitis C	Cases	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2	0	0
	Rate	1.2	0	0.2	0	0	0	0	0	2.6	0.6	1.6	0	2.8	1.7	0	0.7	0	2.1	1.7	1
Invasive pneumococcal	Cases	4	4	7	6	5	3	5	1	0	2	0	1	4	2	0	1	1	3	0	1
	Rate	16.9	7.1	10.6	15.3	10.2	23.2	13.8	17	11.3	8.8	14.5	11.2	9.8	10.8	11.7	3.5	3	5.6	3.4	10.3
Legionellosis	Cases	0	2	1	0	1	0	3	0	0	2	0	0	0	2	0	0	1	4	0	1
	Rate	6	5.2	1.5	3.9	1	1	6.4	0	0.9	1.3	0	7	1.4	1.7	2.3	3.5	15.2	8.6	1.7	2.9
Leptospirosis	Cases	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0
	Rate	3.6	0.4	0	0.6	2.6	1	1.8	0	2.6	6.9	11.3	1.8	1.4	0	9.3	4.2	6.1	1.2	3.4	2.9
Listeriosis	Cases	0	0	1	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0	0.4	0.8	0.4	0.3	0	2.8	0	0	0	0	0	0	0.7	0	0	0	0.6	0	0.3
Malaria	Cases	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	1.2	1.9	1.4	0.5	1	0.9	0	0	0.6	0	0	0	0	0	0	0	1.6	0	0.3
Measles	Cases	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0
	Rate	3.6	0	0	0.4	7.6	0	1.8	4.2	2.6	5	0	2.3	0	0.3	0	0	0	0.2	0	0
Meningococcal disease	Cases	0	0	1	3	2	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	Rate	2.4	0.5	0.8	0.8	1.3	1	0	2.1	1.7	0.6	0	0.6	0	0.3	0	1.4	0	1.4	3.4	1.6
Mumps	Cases	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0
	Rate	0	0.4	0.2	0.2	0	0	0.5	0	0.9	0.6	1.6	0	0	0.3	2.3	0.7	0	1.2	1.7	0
Paratyphoid fever	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0	0.2	0.4	0.6	1.6	1	0	0	0.9	0	1.6	0.6	0.7	0	0	0.7	0	0.4	0	0.6
Pertussis	Cases	1	18	8	13	9	0	2	4	1	1	0	1	0	7	1	4	0	22	0	8
	Rate	21.1	31.5	18.6	29.1	16.2	14.5	12.4	27.6	11.3	18.8	0	13.5	10.5	36.4	11.7	28	3	18.3	6.9	18.4
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
Rheumatic fever ⁴	Cases	0	1	1	5	0	0	3	0	0	1	0	1	0	1	1	0	0	0	0	0
	Rate	9.6	2.7	3.8	13	3.7	7.7	3.7	14.9	0.9	1.9	1.6	1.2	2.8	1.3	4.7	0	0	0.4	0	0
Rickettsial disease	Cases	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.2	0.2	0.2	1.3	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	0.6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Salmonellosis	Cases	1	12	9	2	3	1	4	0	1	0	2	1	2	2	1	2	0	10	0	6
	Rate	25.9	27.9	29.5	17.7	15.6	15.4	17.9	14.9	22.6	21.3	19.3	17.6	18.1	15.5	23.4	26.6	15.2	29.7	29.3	34.5
Shigellosis	Cases	0	2	1	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1
	Rate	1.2	2.8	6.1	4.9	1.3	1	1.8	0	2.6	1.3	0	1.2	2.8	5.4	0	0	0	2.3	0	2.3
Tuberculosis disease	Cases	0	3	6	5	3	0	1	1	0	0	0	3	0	3	0	1	0	2	0	0
	Rate	3	6.9	16.1	10.2	4.4	9.7	6	6.4	2.6	2.5	3.2	7	9.8	7.8	2.3	2.1	3	6.6	0	0.6
Typhoid fever	Cases	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Rate	0	0.2	1.5	3.1	0.3	0	0.5	2.1	0	1.3	0	0	0.7	0.7	0	0	0	0.2	0	1
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
VTEC/STEC infection	Cases	1	1	2	4	2	0	0	0	0	0	0	1	0	0	0	0	0	1	0	2
	Rate	8.4	4.6	4.9	3.1	12.3	6.8	4.6	0	10.4	0.6	6.4	2.9	1.4	2	4.7	7.7	3	3.9	13.8	4.8
Yersiniosis	Cases	0	5	2	2	2	0	3	0	0	1	0	0	0	1	0	0	0	13	0	3
	Rate	5.4	11	13.6	9.4	13	18.3	26.7	10.6	6.1	10.7	9.6	5.9	12.6	19.9	2.3	6.3	6.1	43	24.1	11.6

¹ These data are provisional.

² Current rate is based on the cumulative total for the 12 months up to and including June 2015 expressed as cases per 100,000. This includes cases still under investigation.

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

⁴ Rates are based on report date. This may not be a good indicator of newly incident cases as a high proportion of notifications have substantial reporting delays.

National Notifiable Disease Surveillance Data – Monthly totals for June 2015 and preceding 11 Months¹

Disease	Jun 2015	May 2015	Apr 2015	Mar 2015	Feb 2015	Jan 2015	Dec 2014	Nov 2014	Oct 2014	Sep 2014	Aug 2014	Jul 2014
Campylobacteriosis	372	383	327	418	455	676	893	776	682	545	506	380
Cryptosporidiosis	22	25	34	23	17	37	24	70	144	120	49	25
Dengue fever	5	4	5	21	24	30	12	8	12	5	14	13
Gastroenteritis ²	42	35	45	41	42	41	53	59	110	116	66	52
Giardiasis	114	127	122	132	150	124	122	116	107	142	125	156
Haemophilus influenzae type b	6	1	1	0	0	0	1	1	0	0	0	0
Hepatitis A	3	2	2	2	9	7	1	12	6	2	9	2
Hepatitis B ³	4	4	2	4	2	2	2	1	5	3	5	4
Hepatitis C ³	4	3	3	2	7	4	0	0	0	3	4	3
Invasive pneumococcal disease	50	30	25	30	16	18	44	38	51	53	52	65
Legionellosis	17	25	22	10	14	9	20	21	9	8	4	13
Leptospirosis	4	9	6	11	10	5	7	2	10	4	3	10
Listeriosis	4	3	0	2	2	1	2	0	2	0	1	4
Malaria	2	4	3	2	3	3	2	3	4	3	6	4
Measles	3	4	1	2	0	0	0	3	1	1	7	38
Meningococcal disease	9	0	2	0	2	5	2	1	5	7	7	3
Mumps	3	1	0	0	0	2	1	3	2	3	1	2
Paratyphoid fever	0	2	5	2	6	1	2	1	1	0	1	1
Pertussis	100	67	74	79	70	61	56	94	109	80	74	91
Rheumatic fever ⁴	14	20	6	5	14	9	11	6	14	19	19	34
Rickettsial disease	2	0	0	0	0	1	0	3	2	1	0	0
Rubella	0	0	0	0	0	0	0	0	0	0	0	3
Salmonellosis	59	83	97	104	112	139	91	61	81	93	64	71
Shigellosis	7	9	8	11	9	24	10	5	8	12	13	12
Tuberculosis disease	28	33	29	35	22	20	33	17	26	24	28	19
Typhoid fever	2	2	1	4	1	8	4	2	2	4	1	5
VTEC/STEC infection	14	15	36	40	22	19	11	11	17	21	17	7
Yersiniosis	32	35	34	44	38	51	35	47	167	167	30	35

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.

⁴ Numbers are based on report date. This may not be a good indicator of newly incident cases as a high proportion of notifications have substantial reporting delays.

Notifiable Disease Surveillance Data by District Health Board June 2015

Cases¹ and current rate² for June 2015 by District Health Board³

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	64	38	26	34	12	15	4	11	13	2	9	8	28	6	10	2	41	3	34
	Rate	150.0	138.6	121.8	97.0	183.6	178.6	142.6	129.5	169.6	168.1	122.2	122.7	158.3	173.9	149.5	125.8	198.2	125.8	173.8	163.6
Cryptosporidiosis	Cases	1	2	1	3	3	2	1	0	0	0	0	0	0	2	1	1	0	3	0	2
	Rate	16.9	11.4	7.2	8.4	21.4	13.5	9.2	8.5	16.5	11.9	11.3	11.7	4.9	12.1	28.0	9.8	27.4	15.0	31.0	20.3
Dengue fever	Cases	0	0	2	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	1	0
	Rate	0.0	4.4	9.5	6.3	1.6	1.0	4.1	0.0	0.0	0.0	0.0	0.0	1.4	4.7	0.0	0.0	3.0	2.3	1.7	1.6
Gastroenteritis	Cases	1	5	11	3	0	0	0	0	0	0	0	9	3	5	0	0	0	4	0	1
	Rate	1.8	10.3	18.9	8.2	0.8	14.5	4.6	4.2	3.5	0.0	40.2	66.9	57.9	67.1	7.0	3.5	15.2	6.8	0.0	2.3
Giardiasis	Cases	2	14	16	6	12	2	10	0	2	9	2	1	3	9	4	1	0	11	1	9
	Rate	30.7	33.9	34.5	33.0	36.8	58.9	31.3	57.3	16.5	43.3	38.6	15.9	23.7	48.2	51.4	45.4	24.4	30.7	22.4	27.4
Haemophilus influenzae type b	Cases	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0
	Rate	0.0	0.2	0.2	0.4	0.0	1.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.1	0.2	0.0	0.3
Hepatitis A	Cases	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0
	Rate	2.4	0.7	2.8	2.4	0.5	1.0	1.4	2.1	0.0	0.6	3.2	2.3	1.4	0.3	0.0	0.0	0.0	0.8	1.7	0.6
Hepatitis B	Cases	0	0	0	0	0	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	1.1	1.7	0.6	0.3	1.0	1.4	4.2	0.9	0.6	0.0	0.6	1.4	0.7	0.0	2.1	0.0	0.6	0.0	0.3
Hepatitis C	Cases	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	2	0	0
	Rate	1.2	0.0	0.2	0.0	0.0	0.0	0.0	0.0	2.6	0.6	1.6	0.0	2.8	1.7	0.0	0.7	0.0	2.1	1.7	1.0
Invasive pneumococcal disease	Cases	4	4	7	6	5	3	5	1	0	2	0	1	4	2	0	1	1	3	0	1
	Rate	16.9	7.1	10.6	15.3	10.2	23.2	13.8	17.0	11.3	8.8	14.5	11.2	9.8	10.8	11.7	3.5	3.0	5.6	3.4	10.3
Legionellosis	Cases	0	2	1	0	1	0	3	0	0	2	0	0	0	2	0	0	1	4	0	1
	Rate	6.0	5.2	1.5	3.9	1.0	1.0	6.4	0.0	0.9	1.3	0.0	7.0	1.4	1.7	2.3	3.5	15.2	8.6	1.7	2.9
Leptospirosis	Cases	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0
	Rate	3.6	0.4	0.0	0.6	2.6	1.0	1.8	0.0	2.6	6.9	11.3	1.8	1.4	0.0	9.3	4.2	6.1	1.2	3.4	2.9
Listeriosis	Cases	0	0	1	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.4	0.8	0.4	0.3	0.0	2.8	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.6	0.0	0.3
Malaria	Cases	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	1.2	1.9	1.4	0.5	1.0	0.9	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.3
Measles	Cases	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0
	Rate	3.6	0.0	0.0	0.4	7.6	0.0	1.8	4.2	2.6	5.0	0.0	2.3	0.0	0.3	0.0	0.0	0.0	0.2	0.0	0.0
Meningococcal disease	Cases	0	0	1	3	2	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	Rate	2.4	0.5	0.8	0.8	1.3	1.0	0.0	2.1	1.7	0.6	0.0	0.6	0.0	0.3	0.0	1.4	0.0	1.4	3.4	1.6
Mumps	Cases	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0
	Rate	0.0	0.4	0.2	0.2	0.0	0.0	0.5	0.0	0.9	0.6	1.6	0.0	0.0	0.3	2.3	0.7	0.0	1.2	1.7	0.0
Paratyphoid fever	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.2	0.4	0.6	1.6	1.0	0.0	0.0	0.9	0.0	1.6	0.6	0.7	0.0	0.0	0.7	0.0	0.4	0.0	0.6
Pertussis	Cases	1	18	8	13	9	0	2	4	1	1	0	1	0	7	1	4	0	22	0	8
	Rate	21.1	31.5	18.6	29.1	16.2	14.5	12.4	27.6	11.3	18.8	0.0	13.5	10.5	36.4	11.7	28.0	3.0	18.3	6.9	18.4
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 ⁴	Cases	0	1	1	5	0	0	3	0	0	1	0	1	0	1	1	0	0	0	0	0
	Rate	9.6	2.7	3.8	13.0	3.7	7.7	3.7	14.9	0.9	1.9	1.6	1.2	2.8	1.3	4.7	0.0	0.0	0.4	0.0	0.0
Rickettsial disease	Cases	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.2	0.2	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	0.0	0.0	0.0	0.0	0.0	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	1	12	9	2	3	1	4	0	1	0	2	1	2	2	1	2	0	10	0	6
	Rate	25.9	27.9	29.5	17.7	15.6	15.4	17.9	14.9	22.6	21.3	19.3	17.6	18.1	15.5	23.4	26.6	15.2	29.7	29.3	34.5
Shigellosis	Cases	0	2	1	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1
	Rate	1.2	2.8	6.1	4.9	1.3	1.0	1.8	0.0	2.6	1.3	0.0	1.2	2.8	5.4	0.0	0.0	0.0	2.3	0.0	2.3
Tuberculosis disease	Cases	0	3	6	5	3	0	1	1	0	0	0	3	0	3	0	1	0	2	0	0
	Rate	3.0	6.9	16.1	10.2	4.4	9.7	6.0	6.4	2.6	2.5	3.2	7.0	9.8	7.8	2.3	2.1	3.0	6.6	0.0	0.6
Typhoid fever	Cases	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Rate	0.0	0.2	1.5	3.1	0.3	0.0	0.5	2.1	0.0	1.3	0.0	0.0	0.7	0.7	0.0	0.0	0.0	0.2	0.0	1.0
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	1	1	2	4	2	0	0	0	0	0	0	1	0	0	0	0	0	1	0	2
	Rate	8.4	4.6	4.9	3.1	12.3	6.8	4.6	0.0	10.4	0.6	6.4	2.9	1.4	2.0	4.7	7.7	3.0	3.9	13.8	4.8
Yersiniosis	Cases	0	5	2	2	2	0	3	0	0	1	0	0	0	1	0	0	0	13	0	3
	Rate	5.4	11.0	13.6	9.4	13.0	18.3	26.7	10.6	6.1	10.7	9.6	5.9	12.6	19.9	2.3	6.3	6.1	43.0	24.1	11.6

¹ These data are provisional.

² Current rate is based on the cumulative total for the 12 months up to and including June 2015 expressed as cases per 100 000. This includes cases still under investigation.

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

⁴ Rates are based on report date. This may not be a good indicator of newly incident cases as a high proportion of notifications have substantial reporting delays.

National Notifiable Disease Surveillance Data June 2015

	Current Year - 2015 ¹			Previous Year - 2014		
Disease	June 2015 Cases	Cumulative total since 1 January	Current 12 Month Rate ²	June 2014 Cases	Cumulative total since 1 January	Current 12 Month Rate ²
Campylobacteriosis	372	2631	142.2	388	3000	160.1
Cryptosporidiosis	22	158	13.1	22	152	17.7
Dengue fever	5	89	3.4	11	115	3.9
Gastroenteritis ³	42	246	15.6	43	300	13.9
Giardiasis	114	769	34.1	157	941	40.0
Haemophilus influenzae type b	6	8	0.2	1	3	0.1
Hepatitis A	3	25	1.3	1	42	2.0
Hepatitis B ⁴	4	18	0.8	2	15	0.7
Hepatitis C ⁴	4	23	0.7	4	19	0.9
Invasive pneumococcal disease	50	169	10.5	54	205	11.3
Legionellosis	17	97	3.8	6	48	3.1
Leptospirosis	4	45	1.8	4	20	1.2
Listeriosis	4	12	0.5	4	16	0.5
Malaria	2	17	0.9	3	11	0.7
Measles	3	10	1.3	98	230	5.3
Meningococcal disease	9	18	1.0	4	20	1.4
Mumps	3	6	0.4	0	6	0.3
Paratyphoid fever	0	16	0.5	1	13	0.5
Pertussis	100	451	21.2	85	595	45.6
Rheumatic fever ⁵	14	68	3.8	15	102	5.0
Rickettsial disease	2	3	0.2	0	0	0.1
Rubella	0	0	0.1	0	1	0.0
Salmonellosis	59	594	23.4	70	495	23.3
Shigellosis	7	68	2.8	11	68	2.7
Tuberculosis disease	28	167	7.0	16	155	6.7
Typhoid fever	2	18	0.8	4	24	0.9
VTEC/STEC infection	14	146	5.1	9	103	3.6
Yersiniosis	32	234	15.9	31	201	11.0

¹ These data are provisional.

² Rate is based on the cumulative total for the current year (12 months up to and including June 2015) or the previous year (12 months up to and including June 2014), expressed as cases per 100 000. This includes cases still under investigation.

³ Cases of gastroenteritis from a common source or foodborne intoxication.

⁴ Only acute cases of this disease are currently notifiable.

⁵ Numbers are based on report date. This may not be a good indicator of newly incident cases as a high proportion of notifications have substantial reporting delays.

Other notifiable infectious disease reported in June: Brucellosis (1), Chikungunya fever (3), Cronobacter species (1), Cysticercosis (1), Taeniasis (1), Tetanus (1), Zika virus (1).