
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 12 March 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

Chikungunya fever: 10 cases (9 confirmed and 1 probable) were notified in February 2015 compared to no cases notified during the same month of the previous year (Figure 1). All cases reported overseas travel during the incubation period to Samoa (6 cases), Kiribati (2 cases), Cook Islands, Fiji, French Polynesia and South America (1 case each). Two cases reported travel to more than one country.

Cronobacter species: One confirmed case was notified in February 2015. The case was a female in the 70 years and over age group from Lakes DHB.

Diphtheria: Three cases were notified in February 2015. After further investigation, one case has since been found not to meet the case criteria. The two confirmed cases were females in the 5–9 years age group from Counties Manukau DHB. Both cases were cutaneous cases and were in Pakistan during the incubation period.

Hepatitis C: 10 cases (4 confirmed and 6 under investigation) were notified in February 2015 compared to six cases (4 confirmed and 2 under investigation) notified during the previous month and two confirmed cases notified during the same month of the previous year. The cases were reported from Canterbury (4 cases), Taranaki (2 cases), Hutt Valley, Capital & Coast, South Canterbury and Southern (1 case each) DHBs. The age range for cases was 20–54 years. One confirmed case had risk factor information recorded, this case indicated a history of injecting drug use or body piercing/tattooing.

Hepatitis not otherwise specified (NOS): One confirmed case of hepatitis NOS (hepatitis E) was notified in February 2015. The case was a female in the 40–49 years age group from Southern DHB who was in India during the incubation period.

Hydatid disease: Two cases (1 confirmed and 1 probable) were notified in February 2015. The cases were males in the 30–39 and 50–59 years age groups from Counties Manukau and

Northland DHBs. The confirmed case was in India during the incubation period and the probable case reported occupational exposure in the 1970s–1980s as a risk factor.

Leprosy: One case (under investigation) was notified in February 2015. The case was a female in the 10–14 years age group from Southern DHB who was in Kiribati during the incubation period.

Leptospirosis: 10 cases (7 confirmed, 1 probable and 2 under investigation) were notified in February 2015 compared to five cases notified during the previous month and three during the same month of the previous year (Figure 2). The cases were reported from Nelson Marlborough, West Coast (2 cases each), Northland, Counties Manukau, Waikato, Canterbury, South Canterbury and Southern (1 case each) DHBs. Five cases reported a high-risk occupation as a farmer, slaughter or bushman.

Q fever: One case was notified in February 2015. After further investigation, the case has since been found not to meet the case criteria.

Rickettsial disease: One case was notified in February 2015. After further investigation, the case has since been found not to meet the case criteria.

Ross River virus infection: One confirmed case was notified in February 2015. The case was a female in the 60–69 years age group from Nelson Marlborough DHB who was in Australia during the incubation period.

Toxic shellfish poisoning: One case (under investigation) was notified in February 2015. The case was a male in the 50–59 years age group from Nelson Marlborough DHB. The case had collected and consumed pipis.

Diarrhoeic shellfish poisoning: One case was notified in February 2015. After further investigation, the case has since been found not to meet the case criteria.

VTEC/STEC infection: 22 cases (20 confirmed and 2 under investigation) were notified in February 2015 compared to 10 cases notified during the same month of the previous year. The highest number of cases was reported from Bay of Plenty DHB (5 cases), followed by Waitemata and Waikato (4 cases each) DHBs. Four cases were hospitalised. The highest numbers of cases occurred in the 1–4 years (8 cases) and 70 years and over (4 cases) age groups. The serotype/organism was identified by the Enteric Reference Laboratory for 20 cases of which 75.0% (15/20) were *Escherichia coli* O157:H7. Among the cases for which risk factor information was recorded, 62.5% (5/8) had contact with farm animals, 41.7% (5/12) had contact with recreational water and 33.3% (4/12) had consumed water from a non-habitual water supply.

2. Outbreaks

During February 2015, a total of 45 outbreaks (15 final and 30 interim) were created (Table 1 and Table 2). 68.9% were outbreaks of acute gastroenteritis (6 finalised and 25 interim) involving 188 cases in total. This compares with 56 acute gastroenteritis outbreaks involving 1299 cases in total created during the same month of the previous year. Of the 31 acute gastroenteritis outbreaks, 22.6% (7/31) were recorded as norovirus. The majority of acute gastroenteritis outbreaks (25.8%, 8/31) had person-to-person mode of transmission reported. The most commonly reported settings where exposure occurred were long term care facilities (7 outbreaks) and hospital (acute care) (3 outbreaks).

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

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
Gastroenteritis – not further defined ¹	Waikato, MidCentral	2	59
<i>Giardia</i> ^{1,2}	Northland, Auckland, Counties Manukau, Waikato, Lakes	7	20
Norovirus ¹	Bay of Plenty, West Coast, Canterbury	4	65
<i>Salmonella</i>	Counties Manukau	1	2
<i>Shigella</i>	Auckland	1	2
Total		15	148

¹ Includes outbreak reported to PHSs prior to February 2015: *Giardia* (3), gastroenteritis (2), norovirus (1) reported in January 2015.

² Include outbreaks with overseas exposure transmission (Australia).

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

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
<i>Bordetella pertussis</i> ¹	Capital & Coast	1	-
<i>Campylobacter</i>	Counties Manukau	1	9
Diphtheria ¹	Counties Manukau	1	-
<i>Escherichia coli</i> O157 ¹	Waikato	1	-
Gastroenteritis – not further defined ¹	Northland, Waitemata, Auckland, Waikato, Hawke's Bay, Capital & Coast, Nelson Marlborough, Southern	22	26
Norovirus	Waitemata, Southern	3	38
<i>Salmonella</i>	Auckland	1	2
Total		30	75

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

3. Deaths from notifiable diseases

One death, where the primary cause of death was a notifiable disease, was reported in February 2015 (Table 3).

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

Disease	District Health Board	Age group (years)
Malaria	Bay of Plenty	60–69

4. Trends in selected diseases to February 2015

Figure 1. Chikungunya fever notifications by month, January 2009–February 2015

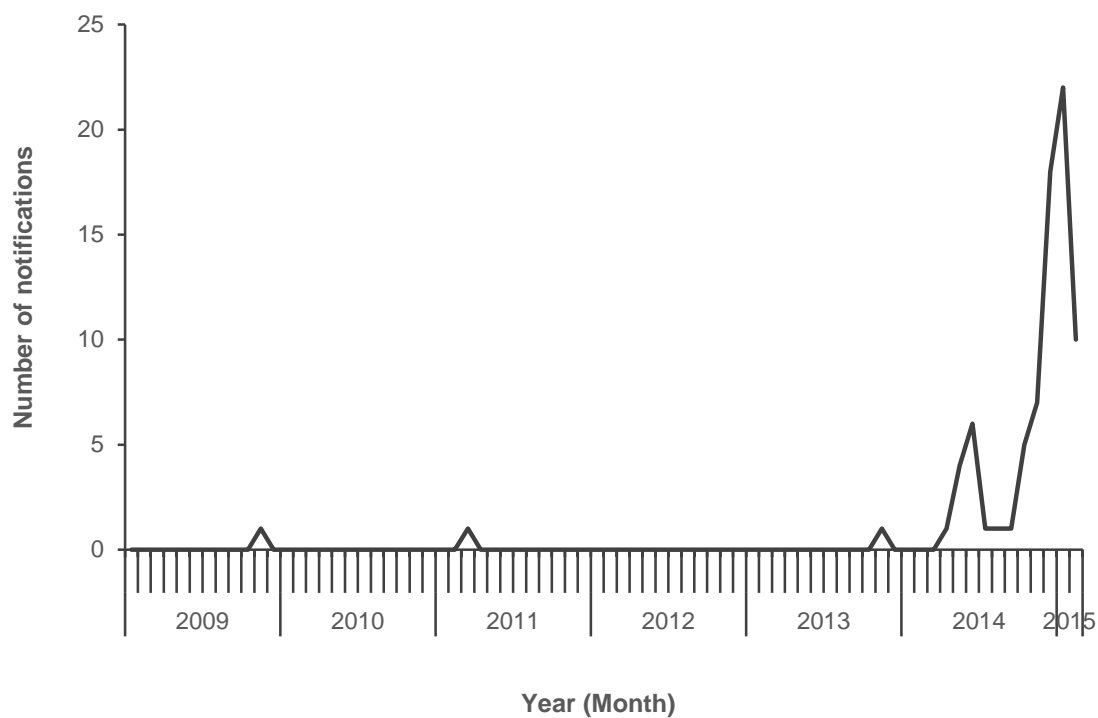
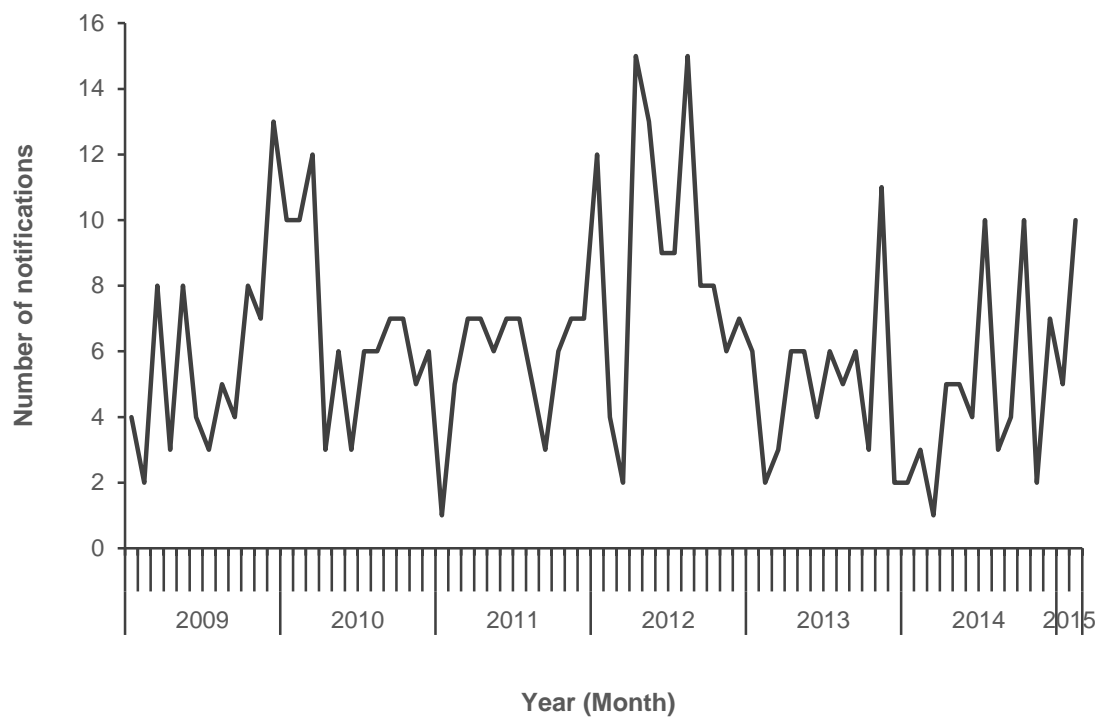


Figure 2. Leptospirosis notifications by month, January 2009–February 2015



5. Data tables

National Notifiable Disease Surveillance Data February 2015

	Current Year - 2015 ¹			Previous Year - 2014		
Disease	February 2015 Cases	Cumulative total since 1 January	Current 12 Month Rate ²	February 2014 Cases	Cumulative total since 1 January	Current 12 Month Rate ²
Campylobacteriosis	456	1133	146.5	534	1308	155.2
Cryptosporidiosis	17	54	12.8	25	61	27.2
Dengue fever	25	54	4.3	17	39	2.8
Gastroenteritis ³	34	75	16.3	47	97	12.6
Giardiasis	152	276	37.0	144	318	39.4
Haemophilus influenzae type b	0	0	0.1	1	1	0.1
Hepatitis A	9	16	1.4	18	28	2.4
Hepatitis B ⁴	3	6	0.8	1	4	0.7
Hepatitis C ⁴	10	16	0.9	2	6	0.8
Invasive pneumococcal disease	15	33	11.1	15	41	10.6
Legionellosis	15	25	2.8	9	22	3.2
Leptospirosis	10	15	1.5	3	5	1.3
Listeriosis	2	3	0.5	2	5	0.4
Malaria	3	6	0.8	1	3	0.8
Measles	0	0	4.9	39	61	1.6
Meningococcal disease	2	7	1.1	1	3	1.4
Mumps	2	4	0.5	0	1	0.4
Paratyphoid fever	6	7	0.5	1	4	0.5
Pertussis	73	134	21.5	100	263	63.0
Q fever	1	1	0.0	0	0	0.0
Rheumatic fever ⁵	15	25	4.3	18	37	4.9
Rickettsial disease	1	2	0.2	0	0	0.2
Rubella	0	0	0.1	0	1	0.0
Salmonellosis	114	254	22.2	102	206	24.6
Shigellosis	10	34	3.1	14	21	2.8
Tuberculosis disease	25	50	6.7	18	50	6.3
Typhoid fever	1	9	0.9	4	11	0.8
VTEC/STEC infection	22	41	4.6	10	20	4.3
Yersiniosis	40	92	15.2	36	90	11.3

¹ These data are provisional.

² Rate is based on the cumulative total for the current year (12 months up to and including February 2015) or the previous year (12 months up to and including February 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 Rate is 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 February: Chikungunya fever (10), Cronobacter species (1), Diarrhoeic shellfish poisoning (1), Diphtheria (3), Hepatitis NOS (1), Hydatid disease (2), Leprosy (1), Ross River virus infection (1), Toxic shellfish poisoning (1).

Notifiable Disease Surveillance Data by District Health Board February 2015

		Cases ¹ and current rate ² for February 2015 by District Health Board ³																			
Disease		Northland	Waitemata	Auckland	Counties Manukau	Waikato	Lakes	Bay of Plenty	Tairāwhiti	Taranaki	Hawke's Bay	Wairarapa	MidCentral	Hutt Valley	Capital and Coast	Wairarapa	Nelson Marlborough	West Coast	Canterbury	South Canterbury	Southern
Campylobacteriosis	Cases	16	55	43	35	31	9	26	1	13	15	6	14	23	37	3	17	6	52	8	46
	Rate	145.8	135.6	121.8	99.2	194.5	164.1	146.3	142.3	152.2	182.6	141.5	143.9	160.4	185.4	126.2	127.2	179.9	133.1	254.7	166.2
Cryptosporidiosis	Cases	0	6	1	2	0	0	0	0	0	0	0	0	1	3	0	0	0	2	1	1
	Rate	18.1	10.5	6.4	6.5	21.1	10.6	7.8	8.5	15.7	13.8	12.9	12.3	6.3	11.8	28.0	11.9	27.4	15.9	32.7	19.4
Dengue fever	Cases	0	5	7	11	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
	Rate	0.0	6.4	12.1	8.6	1.8	1.9	6.9	0.0	0.0	1.3	0.0	0.6	2.1	3.0	0.0	0.7	3.0	2.5	1.7	0.6
Gastroenteritis	Cases	0	3	2	3	0	1	0	0	1	0	5	4	1	8	0	0	3	2	0	1
	Rate	0.6	10.3	15.7	7.5	3.7	14.5	7.8	0.0	4.3	0.0	41.8	84.6	58.6	65.4	11.7	4.2	21.3	7.0	1.7	2.6
Giardiasis	Cases	4	28	16	20	7	2	4	2	2	6	2	2	2	26	3	6	0	14	1	5
	Rate	33.7	37.7	39.8	32.8	39.6	70.5	39.6	57.3	21.7	53.3	41.8	13.5	29.3	47.9	46.7	40.5	18.3	33.6	29.3	28.7
Haemophilus influenzae type b	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	0.0	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	0.3
Hepatitis A	Cases	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1
	Rate	2.4	1.2	3.2	2.7	0.5	1.0	0.5	0.0	0.0	1.9	3.2	1.2	2.1	0.3	0.0	0.0	0.0	1.0	1.7	0.3
Hepatitis B	Cases	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
	Rate	0.6	0.7	1.1	0.6	0.5	0.0	0.9	2.1	0.9	1.3	0.0	0.0	1.4	0.3	0.0	2.1	0.0	1.6	0.0	0.6
Hepatitis C	Cases	0	0	0	0	0	0	0	0	2	0	0	0	1	1	0	0	0	4	1	1
	Rate	2.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0	6.1	0.6	0.0	0.0	2.1	1.3	0.0	1.4	0.0	1.7	1.7	1.9
Invasive pneumococcal	Cases	0	2	3	4	0	0	0	0	0	0	1	0	0	2	0	0	0	1	0	2
	Rate	15.1	8.7	11.7	14.7	10.2	24.1	15.2	14.9	12.2	9.4	19.3	11.7	9.1	10.8	14.0	4.9	3.0	7.4	6.9	9.7
Legionellosis	Cases	2	2	0	1	0	0	2	0	1	0	0	1	0	1	1	0	0	2	0	2
	Rate	6.6	2.7	0.6	3.7	0.8	1.0	3.2	0.0	1.7	0.6	0.0	4.1	0.7	0.7	2.3	2.8	18.3	7.4	0.0	2.3
Leptospirosis	Cases	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	2	1	1	1
	Rate	3.6	0.2	0.0	0.6	1.6	2.9	0.5	0.0	2.6	8.2	6.4	2.3	0.0	0.0	7.0	2.8	9.1	0.8	1.7	2.3
Listeriosis	Cases	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0
	Rate	0.0	0.4	0.8	1.4	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.6	0.0	0.7	0.0	0.0	0.0	0.4	0.0	0.6
Malaria	Cases	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.5	2.1	1.2	0.8	1.0	0.9	0.0	0.9	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.2	0.0	0.3
Measles	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	3.6	5.7	2.8	3.7	32.6	0.0	1.4	4.2	3.5	7.5	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.2	0.0	0.0
Meningococcal disease	Cases	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	Rate	2.4	0.5	0.8	0.4	1.3	0.0	1.4	2.1	1.7	1.3	0.0	1.2	0.7	0.7	2.3	2.1	0.0	1.2	5.2	1.9
Mumps	Cases	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.5	0.6	0.4	0.0	0.0	0.9	2.1	0.0	0.6	1.6	0.0	0.0	0.0	2.3	0.7	0.0	1.2	0.0	0.0
Paratyphoid fever	Cases	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1
	Rate	0.0	0.4	0.8	1.0	0.5	0.0	0.0	0.0	0.9	0.0	0.0	0.6	1.4	0.0	0.0	0.7	0.0	0.6	0.0	1.0
Pertussis	Cases	4	16	6	10	2	1	2	0	1	0	0	3	0	16	1	2	0	3	0	6
	Rate	16.3	34.7	19.9	29.9	22.4	14.5	14.7	19.1	22.6	23.2	1.6	8.8	13.9	31.7	2.3	30.0	12.2	15.2	6.9	11.9
Q fever	Cases	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rheumatic fever ⁴	Cases	0	1	2	7	1	0	0	0	0	2	0	0	1	0	0	0	0	1	0	0
	Rate	10.2	3.0	4.2	15.5	3.9	6.8	3.2	10.6	0.0	3.1	1.6	0.6	4.2	2.4	4.7	0.0	3.0	0.6	0.0	0.0
Rickettsial disease	Cases	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	Rate	0.6	0.0	0.2	0.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	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	4	26	13	12	3	0	4	0	2	3	1	3	3	5	1	1	0	24	0	9
	Rate	27.1	27.0	26.9	15.7	15.4	18.3	17.5	12.7	19.1	23.2	14.5	12.9	16.0	13.8	16.4	21.7	12.2	29.3	25.8	36.8
Shigellosis	Cases	0	1	5	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1
	Rate	1.2	2.8	7.2	5.7	1.6	1.0	1.8	0.0	2.6	1.3	0.0	0.6	2.1	6.1	0.0	0.0	0.0	1.4	1.7	4.5
Tuberculosis disease	Cases	1	3	4	6	3	1	0	0	1	1	1	0	1	2	0	0	0	1	0	0
	Rate	4.2	6.9	15.5	9.4	4.4	5.8	5.1	4.2	4.3	3.1	3.2	7.0	8.4	11.1	4.7	0.7	6.1	5.1	0.0	0.3
Typhoid fever	Cases	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.4	1.9	2.9	0.3	0.0	0.9	2.1	0.0	1.3	0.0	0.0	0.7	0.7	0.0	0.7	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	0	4	3	1	4	0	5	0	0	0	0	0	0	0	0	2	0	1	0	2
	Rate	5.4	3.9	4.2	3.1	10.7	5.8	5.1	0.0	7.0	1.3	6.4	1.8	2.1	2.0	2.3	7.0	0.0	4.1	15.5	5.2
Yersiniosis	Cases	0	3	3	2	1	0	5	1	0	1	0	0	0	4	0	1	0	14	1	4
	Rate	5.4	9.6	14.4	8.8	14.3	18.3	21.6	14.9	8.7	10.0	6.4	5.9	12.6	23.6	2.3	3.5	6.1	38.9	17.2	11.0

¹ These data are provisional.

² Current rate is based on the cumulative total for the 12 months up to and including February 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 Rate is 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 February 2015

		Cases ¹ and current rate ² for February 2015 by District Health Board ³																			
Disease		Northland	Waitemata	Auckland	Counties Manukau	Waikato	Lakes	Bay of Plenty	Tairāwhiti	Taranaki	Hawke's Bay	Wairarapa	MidCentral	Hutt Valley	Capital and Coast	Wairarapa	Nelson Marlborough	West Coast	Canterbury	South Canterbury	Southern
Campylobacteriosis	Cases	16	55	43	35	31	9	26	1	13	15	6	14	23	37	3	17	6	52	8	46
	Rate	145.8	135.6	121.8	99.2	194.5	164.1	146.3	142.3	152.2	182.6	141.5	143.9	160.4	185.4	126.2	127.2	179.9	133.1	254.7	166.2
Cryptosporidiosis	Cases	0	6	1	2	0	0	0	0	0	0	0	0	1	3	0	0	0	2	1	1
	Rate	18.1	10.5	6.4	6.5	21.1	10.6	7.8	8.5	15.7	13.8	12.9	12.3	6.3	11.8	28.0	11.9	27.4	15.9	32.7	19.4
Dengue fever	Cases	0	5	7	11	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0
	Rate	0.0	6.4	12.1	8.6	1.8	1.9	6.9	0.0	0.0	1.3	0.0	0.6	2.1	3.0	0.0	0.7	3.0	2.5	1.7	0.6
Gastroenteritis	Cases	0	3	2	3	0	1	0	0	1	0	5	4	1	8	0	0	3	2	0	1
	Rate	0.6	10.3	15.7	7.5	3.7	14.5	7.8	0.0	4.3	0.0	41.8	84.6	58.6	65.4	11.7	4.2	21.3	7.0	1.7	2.6
Giardiasis	Cases	4	28	16	20	7	2	4	2	2	6	2	2	2	26	3	6	0	14	1	5
	Rate	33.7	37.7	39.8	32.8	39.6	70.5	39.6	57.3	21.7	53.3	41.8	13.5	29.3	47.9	46.7	40.5	18.3	33.6	29.3	28.7
Haemophilus influenzae type b	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	0.0	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	0.3
Hepatitis A	Cases	0	0	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	1
	Rate	2.4	1.2	3.2	2.7	0.5	1.0	0.5	0.0	0.0	1.9	3.2	1.2	2.1	0.3	0.0	0.0	0.0	1.0	1.7	0.3
Hepatitis B	Cases	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
	Rate	0.6	0.7	1.1	0.6	0.5	0.0	0.9	2.1	0.9	1.3	0.0	0.0	1.4	0.3	0.0	2.1	0.0	1.6	0.0	0.6
Hepatitis C	Cases	0	0	0	0	0	0	0	0	2	0	0	0	1	1	0	0	0	4	1	1
	Rate	2.4	0.0	0.4	0.0	0.0	0.0	0.0	0.0	6.1	0.6	0.0	0.0	2.1	1.3	0.0	1.4	0.0	1.7	1.7	1.9
Invasive pneumococcal disease	Cases	0	2	3	4	0	0	0	0	0	0	1	0	0	2	0	0	0	1	0	2
	Rate	15.1	8.7	11.7	14.7	10.2	24.1	15.2	14.9	12.2	9.4	19.3	11.7	9.1	10.8	14.0	4.9	3.0	7.4	6.9	9.7
Legionellosis	Cases	2	2	0	1	0	0	2	0	1	0	0	1	0	1	1	0	0	2	0	2
	Rate	6.6	2.7	0.6	3.7	0.8	1.0	3.2	0.0	1.7	0.6	0.0	4.1	0.7	0.7	2.3	2.8	18.3	7.4	0.0	2.3
Leptospirosis	Cases	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	2	2	1	1	1
	Rate	3.6	0.2	0.0	0.6	1.6	2.9	0.5	0.0	2.6	8.2	6.4	2.3	0.0	0.0	7.0	2.8	9.1	0.8	1.7	2.3
Listeriosis	Cases	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0
	Rate	0.0	0.4	0.8	1.4	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.6	0.0	0.7	0.0	0.0	0.0	0.4	0.0	0.6
Malaria	Cases	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.5	2.1	1.2	0.8	1.0	0.9	0.0	0.9	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.2	0.0	0.3
Measles	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	3.6	5.7	2.8	3.7	32.6	0.0	1.4	4.2	3.5	7.5	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.2	0.0	0.0
Meningococcal disease	Cases	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	Rate	2.4	0.5	0.8	0.4	1.3	0.0	1.4	2.1	1.7	1.3	0.0	1.2	0.7	0.7	2.3	2.1	0.0	1.2	5.2	1.9
Mumps	Cases	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.5	0.6	0.4	0.0	0.0	0.9	2.1	0.0	0.6	1.6	0.0	0.0	0.0	2.3	0.7	0.0	1.2	0.0	0.0
Paratyphoid fever	Cases	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1
	Rate	0.0	0.4	0.8	1.0	0.5	0.0	0.0	0.0	0.9	0.0	0.0	0.6	1.4	0.0	0.0	0.7	0.0	0.6	0.0	1.0
Pertussis	Cases	4	16	6	10	2	1	2	0	1	0	0	3	0	16	1	2	0	3	0	6
	Rate	16.3	34.7	19.9	29.9	22.4	14.5	14.7	19.1	22.6	23.2	1.6	8.8	13.9	31.7	2.3	30.0	12.2	15.2	6.9	11.9
Q fever	Cases	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Rheumatic fever ⁴	Cases	0	1	2	7	1	0	0	0	2	0	0	0	1	0	0	0	0	1	0	0
	Rate	10.2	3.0	4.2	15.5	3.9	6.8	3.2	10.6	0.0	3.1	1.6	0.6	4.2	2.4	4.7	0.0	3.0	0.6	0.0	0.0
Rickettsial disease	Cases	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	Rate	0.6	0.0	0.2	0.2	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.6	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	4	26	13	12	3	0	4	0	2	3	1	3	3	5	1	1	0	24	0	9
	Rate	27.1	27.0	26.9	15.7	15.4	18.3	17.5	12.7	19.1	23.2	14.5	12.9	16.0	13.8	16.4	21.7	12.2	29.3	25.8	36.8
Shigellosis	Cases	0	1	5	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1
	Rate	1.2	2.8	7.2	5.7	1.6	1.0	1.8	0.0	2.6	1.3	0.0	0.6	2.1	6.1	0.0	0.0	0.0	1.4	1.7	4.5
Tuberculosis disease	Cases	1	3	4	6	3	1	0	0	1	1	1	0	1	2	0	0	0	1	0	0
	Rate	4.2	6.9	15.5	9.4	4.4	5.8	5.1	4.2	4.3	3.1	3.2	7.0	8.4	11.1	4.7	0.7	6.1	5.1	0.0	0.3
Typhoid fever	Cases	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.4	1.9	2.9	0.3	0.0	0.9	2.1	0.0	1.3	0.0	0.0	0.7	0.7	0.0	0.7	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	0	4	3	1	4	0	5	0	0	0	0	0	0	0	0	2	0	1	0	2
	Rate	5.4	3.9	4.2	3.1	10.7	5.8	5.1	0.0	7.0	1.3	6.4	1.8	2.1	2.0	2.3	7.0	0.0	4.1	15.5	5.2
Yersiniosis	Cases	0	3	3	2	1	0	5	1	0	1	0	0	0	4	0	1	0	14	1	4
	Rate	5.4	9.6	14.4	8.8	14.3	18.3	21.6	14.9	8.7	10.0	6.4	5.9	12.6	23.6	2.3	3.5	6.1	38.9	17.2	11.0

¹ These data are provisional.

² Current rate is based on the cumulative total for the 12 months up to and including February 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 Rate is 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 February 2015

Disease	Current Year - 2015 ¹			Previous Year - 2014		
	February 2015 Cases	Cumulative total since 1 January	Current 12 Month Rate ²	February 2014 Cases	Cumulative total since 1 January	Current 12 Month Rate ²
Campylobacteriosis	456	1133	146.5	534	1308	155.2
Cryptosporidiosis	17	54	12.8	25	61	27.2
Dengue fever	25	54	4.3	17	39	2.8
Gastroenteritis ³	34	75	16.3	47	97	12.6
Giardiasis	152	276	37.0	144	318	39.4
Haemophilus influenzae type b	0	0	0.1	1	1	0.1
Hepatitis A	9	16	1.4	18	28	2.4
Hepatitis B ⁴	3	6	0.8	1	4	0.7
Hepatitis C ⁴	10	16	0.9	2	6	0.8
Invasive pneumococcal disease	15	33	11.1	15	41	10.6
Legionellosis	15	25	2.8	9	22	3.2
Leptospirosis	10	15	1.5	3	5	1.3
Listeriosis	2	3	0.5	2	5	0.4
Malaria	3	6	0.8	1	3	0.8
Measles	0	0	4.9	39	61	1.6
Meningococcal disease	2	7	1.1	1	3	1.4
Mumps	2	4	0.5	0	1	0.4
Paratyphoid fever	6	7	0.5	1	4	0.5
Pertussis	73	134	21.5	100	263	63.0
Q fever	1	1	0.0	0	0	0.0
Rheumatic fever ⁵	15	25	4.3	18	37	4.9
Rickettsial disease	1	2	0.2	0	0	0.2
Rubella	0	0	0.1	0	1	0.0
Salmonellosis	114	254	22.2	102	206	24.6
Shigellosis	10	34	3.1	14	21	2.8
Tuberculosis disease	25	50	6.7	18	50	6.3
Typhoid fever	1	9	0.9	4	11	0.8
VTEC/STEC infection	22	41	4.6	10	20	4.3
Yersiniosis	40	92	15.2	36	90	11.3

¹ These data are provisional.

² Rate is based on the cumulative total for the current year (12 months up to and including February 2015) or the previous year (12 months up to and including February 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 Rate is 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 February: Chikungunya fever (10), Cronobacter species (1), Diarrhoeic shellfish poisoning (1), Diphtheria (3), Hepatitis NOS (1), Hydatid disease (2), Leprosy (1), Ross River virus infection (1), Toxic shellfish poisoning (1).

National Notifiable Disease Surveillance Data – Monthly totals for February 2015 and preceding 12 Months¹

Disease	Feb 2015	Jan 2015	Dec 2014	Nov 2014	Oct 2014	Sep 2014	Aug 2014	Jul 2014	Jun 2014	May 2014	Apr 2014	Mar 2014
Campylobacteriosis	456	677	894	776	682	545	506	380	388	394	401	509
Cryptosporidiosis	17	37	24	70	144	120	49	25	22	30	18	21
Dengue fever	25	29	12	8	12	5	14	13	11	19	18	28
Gastroenteritis ²	34	41	53	59	110	116	66	52	43	37	49	73
Giardiasis	152	124	122	116	107	142	125	156	157	195	114	157
Haemophilus influenzae type b	0	0	1	1	0	0	0	0	1	0	1	0
Hepatitis A	9	7	1	12	6	2	9	2	1	2	1	10
Hepatitis B ³	3	3	2	1	5	3	5	4	2	5	1	3
Hepatitis C ³	10	6	0	0	0	3	4	3	4	5	3	1
Invasive pneumococcal disease	15	18	44	38	51	53	52	65	54	36	38	36
Legionellosis	15	10	20	21	9	8	4	14	6	10	7	4
Leptospirosis	10	5	7	2	10	4	3	10	4	5	5	1
Listeriosis	2	1	2	0	2	0	1	4	4	1	3	3
Malaria	3	3	2	3	4	3	6	4	3	1	2	2
Measles	0	0	0	3	1	1	7	38	98	11	10	50
Meningococcal disease	2	5	2	1	5	7	8	3	4	8	2	3
Mumps	2	2	1	3	2	3	1	2	0	0	0	5
Paratyphoid fever	6	1	2	1	2	0	2	1	1	3	2	3
Pertussis	73	61	56	94	109	80	74	91	85	89	75	83
Q fever	1	0	0	0	0	0	0	0	0	0	0	0
Rheumatic fever ⁴	15	10	11	6	13	21	18	35	15	20	11	18
Rickettsial disease	1	1	0	3	2	1	0	0	0	0	0	0
Rubella	0	0	0	0	0	0	0	3	0	0	0	0
Salmonellosis	114	140	91	61	80	93	63	71	70	95	50	74
Shigellosis	10	24	10	5	8	12	13	12	11	14	4	18
Tuberculosis disease	25	25	33	17	26	25	29	19	16	24	26	39
Typhoid fever	1	8	4	2	2	4	1	5	4	1	1	7
VTEC/STEC infection	22	19	11	11	17	21	17	7	9	20	22	32
Yersiniosis	40	52	35	47	167	167	30	35	31	20	27	33

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 is 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.