
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 May 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: Four cases (3 confirmed and 1 under investigation) were notified in April 2015 compared to one probable case notified during the same month of the previous year. All cases reported overseas travel during the incubation period, to the Cook Islands (3 cases) and Samoa (1 case).

Cryptosporidiosis: 34 cases of cryptosporidiosis were notified in April 2015 compared to 18 cases notified during the same month of the previous year (Figure 1). The highest numbers of cases were reported from Counties Manukau (5 cases), Bay of Plenty, Waikato and Southern (4 cases each) DHBs. The cases ranged in age from 9 months to 61 years, with the highest numbers of cases in the 1–4 years and 30–39 years age groups (9 cases each). Among the cases for which risk factor information was recorded, 53.3% (8/15) had contact with faecal matter or vomit, 42.1% (8/19) had contact with farm animals, and 41.2% (7/17) had contact with other symptomatic people during the incubation period.

Invasive pneumococcal disease: 25 cases of invasive pneumococcal disease were notified in April 2015 compared to 38 cases notified during the same month of the previous year. The highest numbers of cases were reported from Counties Manukau (6 cases), Southern (4 cases), and Waikato (3 cases) DHBs. The cases ranged in age from 3 months to 93 years, with the highest numbers of cases in the 70+ years (11 cases), 60–69 years (6 cases) and 40–49 years (5 cases) age groups. Twenty-two cases were hospitalised and no deaths were reported. Among the cases for which risk factor information was recorded, 64.7% (11/17) had a chronic illness, 33.3% (6/18) had chronic lung disease, 31.3% (5/16) were smokers, and 16.7% (3/18) were immunocompromised.

Legionellosis: 23 cases (12 confirmed, 7 probable, and 4 under investigation) were notified in April 2015 compared to 11 cases notified during the previous month, and seven during the same month of the previous year. The highest number of cases was reported from Canterbury DHB (8 cases). The *Legionella* species was identified for 11 cases as: *L. pneumophila* (8 cases), and *L. longbeachae* (3 cases).

Paratyphoid fever: Five cases of paratyphoid fever were notified in April 2015 compared to two cases during the same month of the previous year. The highest number of cases was from Waikato DHB (3 cases). The cases ranged in age from 15 to 46 years, and all were hospitalised. The *Salmonella* serotype was identified for all cases: *S. Paratyphi A* (4 cases) and *S. Paratyphi B* (1 case). Three cases reported overseas travel during the incubation period. Countries visited were Australia, India, and Thailand.

Rheumatic fever: Based on the earliest date available, six cases of rheumatic fever (all initial attack) were notified in April 2015, compared to 11 cases during the same month of the previous year (Figure 2). All cases were from the North Island, Counties Manukau and Northland (2 cases each) and Waikato and Waitemata (1 case each) DHBs. Cases ranged in age from 6 to 28 years, with the majority aged 10 years or under. Cases were reported in Māori (3 cases) and Pacific Peoples (3 cases) ethnic groups. Hospitalisation status was recorded for 5 cases, all of which were hospitalised.

Ross River virus infection: Two confirmed cases were notified in April 2015. Both cases were in Australia during the incubation period.

Salmonellosis: 97 cases of salmonellosis were notified in April 2015 compared to 50 cases notified during the same month of the previous year. The highest numbers of cases were reported from Auckland (13 cases), Waitemata (12 cases) and Canterbury (11 cases) DHBs. The cases ranged in age from 5 months to 82 years, with the highest numbers of cases in the 50–59 years (17 cases), 1–4 years (15 cases), 40–49 years and 60–69 years (14 cases each) age groups. Eleven cases were hospitalised. The *Salmonella* serotype was identified in 65 (67.0%) of the cases. The most common serotypes were *S. Enteritidis* phage type 11 (11 cases), *S. Infantis* (9 cases), and *S. Typhimurium* phage type 101 (7 cases). Among the cases for which risk factor information was recorded, 47.6% (20/42) had consumed food from a food premises, 31.7% (13/41) had contact with farm animals, and 25.4% (17/67) had travelled overseas. No *Salmonella* outbreaks were reported in April.

Shigellosis: Eight cases of shigellosis were notified in April 2015 compared to four cases in the same month of the previous year. The highest number of cases was reported from Counties Manukau DHB (3 cases). Four cases (50.0%) had overseas travel information recorded. Of these cases three cases had not travelled overseas during the incubation period. The serotype was recorded for 7 (87.5%) cases: *S. sonnei* biotype a (3 cases), *S. sonnei* biotype g (2 cases), *S. sonnei* no biotype specified (1 case), and *S. flexneri* 2b (1 case).

Yersiniosis: 35 cases of yersiniosis were notified in April 2015 compared to 27 cases notified during the same month of the previous year. The highest numbers of cases were reported from Canterbury (10 cases), Waitemata (5 cases), and Auckland (4 cases) DHBs. The cases ranged in age from 7 months to 95 years, with the highest numbers of cases in the 50–59 years and 70+ years (6 cases each) age groups. One case was hospitalised. The *Yersinia* species involved was identified for 30 (85.7%) cases, and all were *Y. enterocolitica*. The most common biotype reported was biotype 1A (10 cases), followed by biotypes 2 and 4 (6 cases each). Among the cases for which risk factor information was recorded, 50.0% (5/10) had consumed food from a food premises, 30.0% (3/10) had contact with faecal matter or vomit, and 22.2% (2/9) had recreational contact with water during the incubation period.

Zika virus: Two cases (1 confirmed and 1 probable) were notified in April 2015. Both cases were overseas during the incubation period, one in the Cook Islands and one in Vanuatu.

2. Outbreaks

During April 2015, a total of 35 outbreaks (13 final and 22 interim) were created (Table 1 and Table 2). 74.3% were outbreaks of acute gastroenteritis (7 finalised and 19 interim) involving 256 cases in total. This compares with 46 acute gastroenteritis outbreaks involving 962 cases in total created during the same month of the previous year. Of the 26 acute gastroenteritis outbreaks, 30.8% (8/26) were recorded as norovirus. The majority of acute gastroenteritis outbreaks (34.6%, 9/26) had person-to-person mode of transmission reported. The most commonly reported settings where exposure occurred were long term care facilities (8 outbreaks), childcare centres, and restaurants/café/bakery (3 outbreaks each).

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

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
<i>Bordetella pertussis</i>	Southern	1	4
<i>Cryptosporidium</i>	Waitemata	1	6
Gastroenteritis	Waikato, Whanganui, MidCentral,	4	46
<i>Giardia</i>	Auckland, Waikato	2	7
Norovirus	Waikato, MidCentral, Nelson Marlborough	3	96
<i>Shigella</i>	Auckland, Waikato	2	6
Total		13	165

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

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
Gastroenteritis ¹	Auckland, Waitemata, Waikato Bay of Plenty, Capital & Coast, Hutt Valley, Southern	14	38
<i>Giardia</i> ¹	Auckland, Southern	2	8
Influenza A(H3N2) virus ¹	South Canterbury	1	1
Norovirus ¹	Whanganui, Wairarapa, Hutt Valley, Southern	5	76
Total		22	123

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 April 2015 (Table 3).

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

Disease	District health board	Age group (years)
Legionellosis	Waikato	70+
Tuberculosis disease – new case	Capital & Coast	60–69

4. Trends in selected diseases to April 2015

Figure 1. Cryptosporidiosis notifications by month, January 2009–April 2015

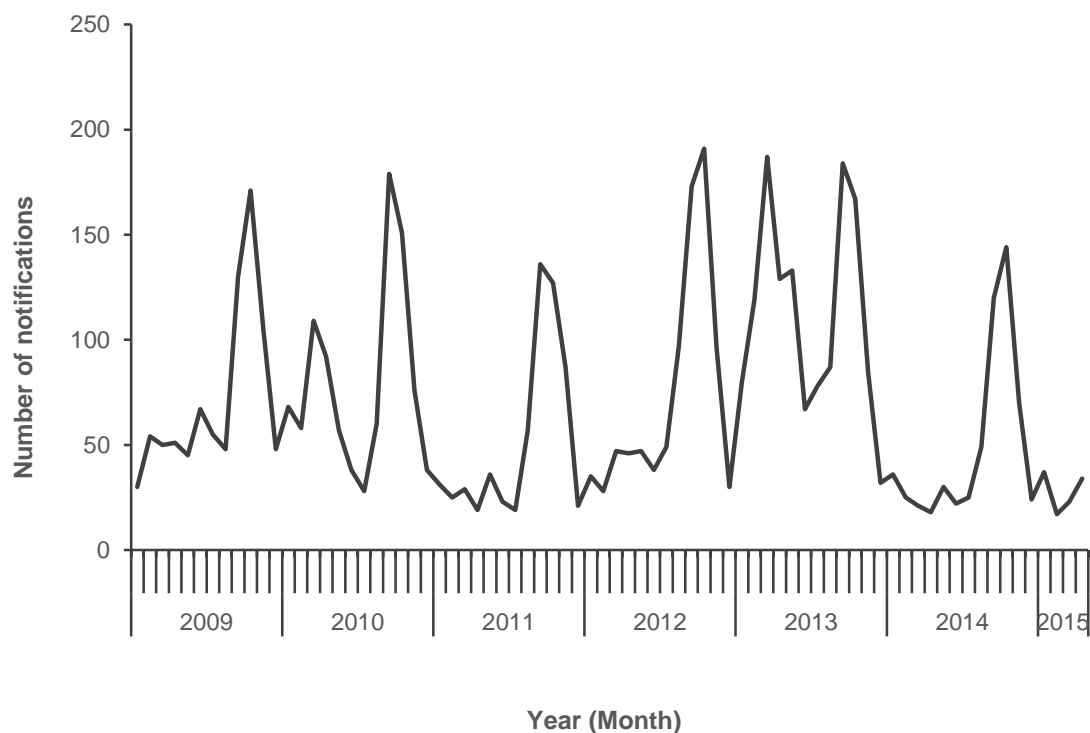
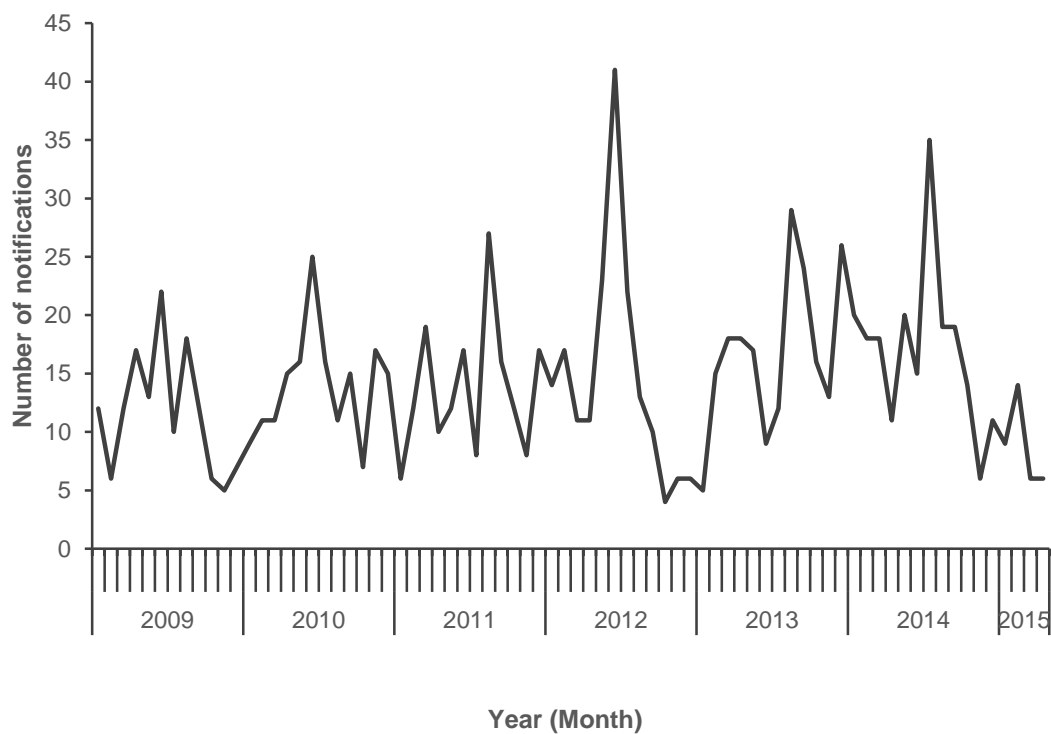


Figure 2. Rheumatic fever notifications by month, January 2009–April 2015



5. Data tables

National Notifiable Disease Surveillance Data April 2015

Disease	Current Year - 2015 ¹			Previous Year - 2014		
	April 2015 Cases	Cumulative total since 1 January	Current 12 Month Rate ²	April 2014 Cases	Cumulative total since 1 January	Current 12 Month Rate ²
Campylobacteriosis	327	1876	142.8	401	2218	159.8
Cryptosporidiosis	34	111	13.2	18	100	21.0
Dengue fever	5	80	3.9	18	85	3.6
Gastroenteritis ³	46	170	15.7	50	220	13.6
Giardiasis	124	530	36.6	114	589	38.8
Haemophilus influenzae type b	1	1	0.1	1	2	0.1
Hepatitis A	3	21	1.2	1	39	2.2
Hepatitis B ⁴	6	15	0.9	1	8	0.7
Hepatitis C ⁴	4	21	0.9	3	10	0.7
Invasive pneumococcal disease	25	89	10.7	38	115	11.0
Legionellosis	23	59	3.3	7	32	3.0
Leptospirosis	7	34	1.8	5	11	1.2
Listeriosis	0	5	0.4	3	11	0.5
Malaria	3	11	0.8	2	7	0.8
Measles	1	3	3.6	10	121	2.9
Meningococcal disease	2	9	1.0	2	8	1.3
Mumps	4	6	0.4	0	6	0.4
Paratyphoid fever	5	14	0.6	2	9	0.5
Pertussis	80	291	21.5	75	421	52.6
Rheumatic fever ⁵	6	35	3.9	11	67	4.8
Rickettsial disease	0	1	0.2	0	0	0.2
Rubella	0	0	0.1	0	1	0.0
Salmonellosis	97	452	23.9	50	330	22.8
Shigellosis	8	52	3.0	4	43	2.7
Tuberculosis disease	33	116	6.7	26	115	6.8
Typhoid fever	1	14	0.8	1	19	0.9
VTEC/STEC infection	37	118	5.1	22	74	4.0
Yersiniosis	35	168	15.5	27	150	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 April 2015) or the previous year (12 months up to and including April 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 April: Chikungunya fever (4), Ross River virus infection (2), Zika virus (2).

Notifiable Disease Surveillance Data by District Health Board April 2015

		Cases ¹ and current rate ² for April 2015 by District Health Board ³																			
Disease		Northland	Waitemata	Auckland	Counties Manukau	Waikato	Lakes	Bay of Plenty	Tairāwhiti	Taranaki	Hawke's Bay	Manawatu	MidCentral	Hutt Valley	Capital and Coast	Wairarapa	Nelson Marlborough	West Coast	Canterbury	South Canterbury	Southern
Campylobacteriosis	Cases	8	40	23	25	30	11	15	1	15	8	7	5	9	25	7	15	3	36	8	36
	Rate	149.4	132.8	119.5	97.2	185.1	170.8	146.3	135.9	167.0	170.6	136.7	140.3	161.8	179.6	142.5	126.5	179.9	126.9	210.0	157.5
Cryptosporidiosis	Cases	0	3	1	5	4	2	4	1	1	3	0	1	1	3	0	0	0	1	0	4
	Rate	18.1	11.4	6.8	7.9	21.6	12.5	9.2	8.5	17.4	11.3	12.9	13.5	5.6	12.1	28.0	10.5	30.5	15.0	31.0	20.7
Dengue fever	Cases	0	0	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	Rate	0.0	5.3	10.4	7.5	1.8	0.0	6.4	0.0	0.0	0.0	0.0	0.6	2.1	4.0	0.0	0.7	3.0	2.3	0.0	1.9
Gastroenteritis	Cases	0	5	9	5	0	0	0	2	0	0	7	5	0	8	0	0	0	4	0	1
	Rate	0.6	10.1	16.3	8.4	1.8	13.5	5.5	4.2	4.3	0.0	48.2	70.5	56.5	66.7	9.3	4.2	18.3	6.6	0.0	2.9
Giardiasis	Cases	6	14	14	19	11	6	3	0	1	3	1	4	2	13	0	7	0	4	1	15
	Rate	38.6	37.9	39.4	34.2	37.8	63.7	35.9	61.6	22.6	47.7	35.4	14.7	26.5	51.6	42.1	46.1	15.2	32.1	25.8	27.8
Haemophilus influenzae type b	Cases	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.2	0.0	0.2	0.0	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	0.0	0.3
Hepatitis A	Cases	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	Rate	2.4	0.9	2.8	2.4	0.5	1.0	0.9	0.0	0.0	1.3	3.2	1.2	1.4	0.3	0.0	0.0	0.0	1.0	1.7	0.6
Hepatitis B	Cases	0	2	1	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0	0	0
	Rate	0.0	1.1	1.7	0.6	0.3	0.0	1.8	2.1	0.9	1.3	0.0	0.6	1.4	0.7	0.0	2.1	0.0	1.2	0.0	0.6
Hepatitis C	Cases	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	1	0	0
	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	2.8	2.0	0.0	1.4	0.0	1.6	1.7	1.6
Invasive pneumococcal	Cases	1	2	1	6	3	2	0	0	1	2	0	1	0	1	0	0	0	1	0	4
	Rate	15.7	8.5	11.0	15.1	9.9	21.2	13.8	14.9	11.3	8.8	16.1	10.6	7.7	11.1	11.7	3.5	3.0	6.6	5.2	11.3
Legionellosis	Cases	1	3	1	2	1	0	2	0	0	0	0	3	0	1	0	0	0	8	0	1
	Rate	6.6	3.9	1.3	4.1	1.0	1.0	4.6	0.0	1.7	0.6	0.0	5.3	0.7	0.7	2.3	3.5	12.2	8.2	0.0	2.6
Leptospirosis	Cases	0	2	0	0	1	0	0	0	0	0	1	1	0	0	0	1	0	0	0	1
	Rate	3.6	0.4	0.0	0.6	2.3	1.0	0.5	0.0	2.6	8.8	12.9	3.5	0.0	0.0	7.0	4.2	9.1	0.8	1.7	2.9
Listeriosis	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	0.8	1.2	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.6	0.0	0.3
Malaria	Cases	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	Rate	0.6	0.5	2.3	1.2	0.8	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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	3.6	0.0	0.4	1.4	32.6	0.0	1.8	4.2	3.5	6.3	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.2	0.0	0.0
Meningococcal disease	Cases	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	Rate	3.0	0.5	0.8	0.2	1.3	0.0	1.4	2.1	1.7	0.6	0.0	1.8	0.7	0.7	2.3	1.4	0.0	1.2	3.4	1.6
Mumps	Cases	0	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.7	0.2	0.4	0.0	0.0	0.5	0.0	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	1	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.5	0.6	1.2	1.3	1.0	0.0	0.0	0.9	0.0	0.0	0.6	0.7	0.0	0.0	0.7	0.0	0.4	0.0	0.6
Pertussis	Cases	3	6	6	14	5	2	2	0	1	1	0	4	3	13	0	6	0	4	1	9
	Rate	20.5	32.9	19.5	28.5	18.8	14.5	13.3	19.1	16.5	21.3	0.0	12.9	12.6	37.1	7.0	30.0	6.1	15.9	8.6	16.1
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	2	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	10.2	2.8	3.6	14.1	2.9	6.8	3.2	14.9	0.9	2.5	1.6	0.0	3.5	2.0	2.3	0.0	3.0	0.2	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	0.6	0.0	0.2	0.2	1.0	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
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	3	12	13	5	5	0	5	1	4	2	2	8	1	7	1	7	1	11	3	6
	Rate	27.1	28.8	29.5	16.9	16.7	19.3	15.6	17.0	22.6	23.8	19.3	18.2	17.4	16.9	18.7	25.2	18.3	29.9	32.7	36.5
Shigellosis	Cases	0	0	1	3	0	0	0	0	0	0	0	0	1	1	0	0	0	2	0	0
	Rate	1.2	2.8	6.6	5.5	1.8	1.0	1.8	0.0	2.6	1.3	0.0	1.8	2.8	6.4	0.0	0.0	0.0	1.7	1.7	2.3
Tuberculosis disease	Cases	1	4	8	4	0	2	1	0	0	0	0	2	0	4	0	0	0	6	1	0
	Rate	4.2	6.8	15.5	9.2	3.1	5.8	6.0	6.4	3.5	3.1	4.8	7.6	9.1	9.4	2.3	0.7	3.0	6.4	3.4	0.3
Typhoid fever	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	Rate	0.0	0.2	1.7	2.7	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	3	5	6	1	8	0	1	0	2	1	1	0	1	1	0	0	1	2	3	1
	Rate	7.2	4.3	4.7	3.1	12.5	7.7	4.6	0.0	9.6	1.3	6.4	2.3	2.1	1.7	2.3	7.7	3.0	4.7	17.2	4.8
Yersiniosis	Cases	2	5	4	3	1	0	0	1	0	0	0	1	2	3	0	0	0	10	0	3
	Rate	6.0	10.3	14.4	9.2	13.8	18.3	23.9	12.7	8.7	9.4	6.4	6.5	13.2	22.2	2.3	4.2	3.0	39.3	24.1	12.3

¹ These data are provisional.

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

Notifiable Disease Surveillance Data by District Health Board April 2015

		Cases ¹ and current rate ² for April 2015 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	8	40	23	25	30	11	15	1	15	8	7	5	9	25	7	15	3	36	8	36
	Rate	149.4	132.8	119.5	97.2	185.1	170.8	146.3	135.9	167.0	170.6	136.7	140.3	161.8	179.6	142.5	126.5	179.9	126.9	210.0	157.5
Cryptosporidiosis	Cases	0	3	1	5	4	2	4	1	1	3	0	1	1	3	0	0	0	1	0	4
	Rate	18.1	11.4	6.8	7.9	21.6	12.5	9.2	8.5	17.4	11.3	12.9	13.5	5.6	12.1	28.0	10.5	30.5	15.0	31.0	20.7
Dengue fever	Cases	0	0	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1
	Rate	0.0	5.3	10.4	7.5	1.8	0.0	6.4	0.0	0.0	0.0	0.0	0.6	2.1	4.0	0.0	0.7	3.0	2.3	0.0	1.9
Gastroenteritis	Cases	0	5	9	5	0	0	0	2	0	0	7	5	0	8	0	0	0	4	0	1
	Rate	0.6	10.1	16.3	8.4	1.8	13.5	5.5	4.2	4.3	0.0	48.2	70.5	56.5	66.7	9.3	4.2	18.3	6.6	0.0	2.9
Giardiasis	Cases	6	14	14	19	11	6	3	0	1	3	1	4	2	13	0	7	0	4	1	15
	Rate	38.6	37.9	39.4	34.2	37.8	63.7	35.9	61.6	22.6	47.7	35.4	14.7	26.5	51.6	42.1	46.1	15.2	32.1	25.8	27.8
Haemophilus influenzae type b	Cases	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.2	0.0	0.2	0.0	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	0.0	0.3
Hepatitis A	Cases	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
	Rate	2.4	0.9	2.8	2.4	0.5	1.0	0.9	0.0	0.0	1.3	3.2	1.2	1.4	0.3	0.0	0.0	0.0	1.0	1.7	0.6
Hepatitis B	Cases	0	2	1	0	0	0	2	0	0	0	0	0	0	1	0	0	0	0	0	0
	Rate	0.0	1.1	1.7	0.6	0.3	0.0	1.8	2.1	0.9	1.3	0.0	0.6	1.4	0.7	0.0	2.1	0.0	1.2	0.0	0.6
Hepatitis C	Cases	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	1	0	0
	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	2.8	2.0	0.0	1.4	0.0	1.6	1.7	1.6
Invasive pneumococcal disease	Cases	1	2	1	6	3	2	0	0	1	2	0	1	0	1	0	0	0	1	0	4
	Rate	15.7	8.5	11.0	15.1	9.9	21.2	13.8	14.9	11.3	8.8	16.1	10.6	7.7	11.1	11.7	3.5	3.0	6.6	5.2	11.3
Legionellosis	Cases	1	3	1	2	1	0	2	0	0	0	0	3	0	1	0	0	0	8	0	1
	Rate	6.6	3.9	1.3	4.1	1.0	1.0	4.6	0.0	1.7	0.6	0.0	5.3	0.7	0.7	2.3	3.5	12.2	8.2	0.0	2.6
Leptospirosis	Cases	0	2	0	0	1	0	0	0	0	0	1	1	0	0	0	1	0	0	0	1
	Rate	3.6	0.4	0.0	0.6	2.3	1.0	0.5	0.0	2.6	8.8	12.9	3.5	0.0	0.0	7.0	4.2	9.1	0.8	1.7	2.9
Listeriosis	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	0.8	1.2	0.0	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.6	0.0	0.3
Malaria	Cases	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	Rate	0.6	0.5	2.3	1.2	0.8	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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	3.6	0.0	0.4	1.4	32.6	0.0	1.8	4.2	3.5	6.3	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.2	0.0	0.0
Meningococcal disease	Cases	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0
	Rate	3.0	0.5	0.8	0.2	1.3	0.0	1.4	2.1	1.7	0.6	0.0	1.8	0.7	0.7	2.3	1.4	0.0	1.2	3.4	1.6
Mumps	Cases	0	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.7	0.2	0.4	0.0	0.0	0.5	0.0	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	1	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.5	0.6	1.2	1.3	1.0	0.0	0.0	0.9	0.0	0.0	0.6	0.7	0.0	0.0	0.7	0.0	0.4	0.0	0.6
Pertussis	Cases	3	6	6	14	5	2	2	0	1	1	0	4	3	13	0	6	0	4	1	9
	Rate	20.5	32.9	19.5	28.5	18.8	14.5	13.3	19.1	16.5	21.3	0.0	12.9	12.6	37.1	7.0	30.0	6.1	15.9	8.6	16.1
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	2	1	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	10.2	2.8	3.6	14.1	2.9	6.8	3.2	14.9	0.9	2.5	1.6	0.0	3.5	2.0	2.3	0.0	3.0	0.2	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	0.6	0.0	0.2	0.2	1.0	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
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	3	12	13	5	5	0	5	1	4	2	2	8	1	7	1	7	1	11	3	6
	Rate	27.1	28.8	29.5	16.9	16.7	19.3	15.6	17.0	22.6	23.8	19.3	18.2	17.4	16.9	18.7	25.2	18.3	29.9	32.7	36.5
Shigellosis	Cases	0	0	1	3	0	0	0	0	0	0	0	0	1	1	0	0	0	2	0	0
	Rate	1.2	2.8	6.6	5.5	1.8	1.0	1.8	0.0	2.6	1.3	0.0	1.8	2.8	6.4	0.0	0.0	0.0	1.7	1.7	2.3
Tuberculosis disease	Cases	1	4	8	4	0	2	1	0	0	0	0	2	0	4	0	0	0	6	1	0
	Rate	4.2	6.8	15.5	9.2	3.1	5.8	6.0	6.4	3.5	3.1	4.8	7.6	9.1	9.4	2.3	0.7	3.0	6.4	3.4	0.3
Typhoid fever	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	Rate	0.0	0.2	1.7	2.7	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	3	5	6	1	8	0	1	0	2	1	1	0	1	1	0	0	1	2	3	1
	Rate	7.2	4.3	4.7	3.1	12.5	7.7	4.6	0.0	9.6	1.3	6.4	2.3	2.1	1.7	2.3	7.7	3.0	4.7	17.2	4.8
Yersiniosis	Cases	2	5	4	3	1	0	0	1	0	0	0	1	2	3	0	0	0	10	0	3
	Rate	6.0	10.3	14.4	9.2	13.8	18.3	23.9	12.7	8.7	9.4	6.4	6.5	13.2	22.2	2.3	4.2	3.0	39.3	24.1	12.3

¹ These data are provisional.

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

	Current Year - 2015 ¹			Previous Year - 2014		
Disease	April 2015 Cases	Cumulative total since 1 January	Current 12 Month Rate ²	April 2014 Cases	Cumulative total since 1 January	Current 12 Month Rate ²
Campylobacteriosis	327	1876	142.8	401	2218	159.8
Cryptosporidiosis	34	111	13.2	18	100	21.0
Dengue fever	5	80	3.9	18	85	3.6
Gastroenteritis ³	46	170	15.7	50	220	13.6
Giardiasis	124	530	36.6	114	589	38.8
Haemophilus influenzae type b	1	1	0.1	1	2	0.1
Hepatitis A	3	21	1.2	1	39	2.2
Hepatitis B ⁴	6	15	0.9	1	8	0.7
Hepatitis C ⁴	4	21	0.9	3	10	0.7
Invasive pneumococcal disease	25	89	10.7	38	115	11.0
Legionellosis	23	59	3.3	7	32	3.0
Leptospirosis	7	34	1.8	5	11	1.2
Listeriosis	0	5	0.4	3	11	0.5
Malaria	3	11	0.8	2	7	0.8
Measles	1	3	3.6	10	121	2.9
Meningococcal disease	2	9	1.0	2	8	1.3
Mumps	4	6	0.4	0	6	0.4
Paratyphoid fever	5	14	0.6	2	9	0.5
Pertussis	80	291	21.5	75	421	52.6
Rheumatic fever ⁵	6	35	3.9	11	67	4.8
Rickettsial disease	0	1	0.2	0	0	0.2
Rubella	0	0	0.1	0	1	0.0
Salmonellosis	97	452	23.9	50	330	22.8
Shigellosis	8	52	3.0	4	43	2.7
Tuberculosis disease	33	116	6.7	26	115	6.8
Typhoid fever	1	14	0.8	1	19	0.9
VTEC/STEC infection	37	118	5.1	22	74	4.0
Yersiniosis	35	168	15.5	27	150	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 April 2015) or the previous year (12 months up to and including April 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 April: Chikungunya fever (4), Ross River virus infection (2), Zika virus (2).

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

Disease	Apr 2015	Mar 2015	Feb 2015	Jan 2015	Dec 2014	Nov 2014	Oct 2014	Sep 2014	Aug 2014	Jul 2014	Jun 2014	May 2014
Campylobacteriosis	327	418	455	676	893	776	682	545	506	380	388	394
Cryptosporidiosis	34	23	17	37	24	70	144	120	49	25	22	30
Dengue fever	5	21	25	29	12	8	12	5	14	13	11	19
Gastroenteritis ²	46	41	42	41	53	59	110	116	66	52	43	37
Giardiasis	124	132	150	124	122	116	107	142	125	156	157	195
Haemophilus influenzae type b	1	0	0	0	1	1	0	0	0	0	1	0
Hepatitis A	3	2	9	7	1	12	6	2	9	2	1	2
Hepatitis B ³	6	4	3	2	2	1	5	3	5	4	2	5
Hepatitis C ³	4	4	8	5	0	0	0	3	4	3	4	5
Invasive pneumococcal disease	25	30	16	18	44	38	51	53	52	65	54	36
Legionellosis	23	11	16	9	20	21	9	8	4	13	6	10
Leptospirosis	7	12	10	5	7	2	10	4	3	10	4	5
Listeriosis	0	2	2	1	2	0	2	0	1	4	4	1
Malaria	3	2	3	3	2	3	4	3	6	4	3	1
Measles	1	2	0	0	0	3	1	1	7	38	98	11
Meningococcal disease	2	0	2	5	2	1	5	7	8	3	4	8
Mumps	4	0	0	2	1	3	2	3	1	2	0	0
Paratyphoid fever	5	2	6	1	2	1	2	0	2	1	1	3
Pertussis	80	80	70	61	56	94	109	80	74	91	85	89
Rheumatic fever ⁴	6	6	14	9	11	6	14	19	19	35	15	20
Rickettsial disease	0	0	0	1	0	3	2	1	0	0	0	0
Rubella	0	0	0	0	0	0	0	0	0	3	0	0
Salmonellosis	97	104	112	139	91	61	80	93	63	71	70	95
Shigellosis	8	11	9	24	10	5	8	12	13	12	11	14
Tuberculosis disease	33	38	23	22	33	17	26	25	28	19	16	24
Typhoid fever	1	4	1	8	4	2	2	4	1	5	4	1
VTEC/STEC infection	37	40	22	19	11	11	17	21	17	7	9	20
Yersiniosis	35	44	38	51	35	47	167	167	30	35	31	20

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.