

MONTHLY NOTIFIABLE DISEASE SURVEILLANCE REPORT

Data contained within this monthly report is based on information recorded on EpiSurv by public health service (PHS) staff as at 7 February 2012. 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

- *Campylobacteriosis*: 1001 Campylobacteriosis cases were notified in January 2012 compared to 549 cases notified in the same month of the previous year (Figure 1). There were 828 (82.7%) laboratory-confirmed cases. For the 12 month period ending 31 January 2012, the highest incidence rates were reported from Wairarapa (240.8 per 100 000 population, 97 cases), South Canterbury (239.9 per 100 000 population, 134 cases), Hawke's Bay (219.0 per 100 000 population, 340 cases) and Waikato (203.3 per 100 000 population, 741 cases) DHBs compared to a national rate of 163.6 per 100 000 population. Three *campylobacter* outbreaks from Waikato DHB were notified including seven cases.
- *Enterobacter (Cronobacter) sakazakii*: One laboratory-confirmed case of *Enterobacter sakazakii* invasive disease was notified in January 2012 from Auckland DHB. The case was in the 70 years and over age group. No further details are available.
- *Leptospirosis*: 16 cases of leptospirosis (8 confirmed, 3 probable, and 5 under investigation) were notified in January 2012 compared to two cases in the same month of the previous year. The cases were from Waikato (5), Canterbury (3), Taranaki (2), and Hawke's Bay, Bay of Plenty, Whanganui, Wairarapa, Nelson Marlborough, and West Coast (1 each) DHBs. High risk occupations were recorded for eight cases: including farmers (7) and freezing worker (1). Of the remaining eight cases, one case reported exposure to both livestock and pond water, and risk factor information was unknown for seven cases. The *Leptospira* serovar was identified for three cases, all were *L. Hardjo*.
- *Measles*: 37 cases of measles were notified in January 2012 (28 confirmed, 5 probable, 4 under investigation), compared to 77 cases notified in the previous month and 10 cases in the same month of the previous year. The remainder of this section relates to the 28 confirmed and five probable cases only. The highest number of cases was reported in Counties Manukau DHB (20) followed by Waitemata (5), and Auckland and Capital and Coast (3 each) DHBs. Cases were distributed by age group as follows: less than 15 months (8), 15 months-3 years (8), 4-9 years (4), 10-19 years (9), 20-29 years and 30-39 years (1 each), and 40+ years (2). There were three hospitalisations reported. Of the 26 cases where vaccination status was recorded, 19 cases were not vaccinated, including eight cases aged less than 15 months. Seven cases had been vaccinated against measles with four cases reporting having received two doses of vaccine, and three cases having received only one dose.

- *Meningococcal disease*: Seven cases of meningococcal disease were notified in January 2012 compared to five cases notified in the previous month and four cases in the same month of the previous year. Cases were distributed by DHB as follows: Counties Manukau, Waitemata and Taranaki (2 each), Waikato (1). Cases occurred in the less than 1 year (1), 10-14 years and 15-19 years (2 each), and 20-29 years and 30-39 years (1 each) age groups. The ethnic distribution was as follows, Pacific Peoples (4), European (2) and Other (1) ethnic groups. All seven cases were hospitalised but no deaths were reported. Six of the 7 cases were laboratory confirmed and the strain type was determined for four cases: group B non-epidemic (3) and group C (1).
- *Pertussis*: 430 cases of pertussis were notified in January 2012, compared with 522 cases notified the previous month and 55 cases in the same month of the previous year. There were 86 (20.0%) cases laboratory-confirmed by isolation of *Bordetella pertussis* from the nasopharynx. A further 14 (3.3%) cases were laboratory-confirmed by PCR. The highest number of cases was reported in Nelson Marlborough DHB (113), followed by Canterbury (85), Capital and Coast (46), and Tairāwhiti (27) DHBs. Cases occurred in all age groups, with 24.0% (103/430 cases) under 5 years old, including 36 cases aged less than 1 year. The highest numbers occurred in the 1-4 years (67), 40-49 years (61) and 5-9 years (60) age groups. The vaccination status was recorded for 253 (58.8%) of the cases. Of these, 74 were reported as not vaccinated (including two cases aged less than 6 weeks and therefore not eligible for vaccination), two received one dose of vaccine, four received two doses, 21 received three or more doses, and 152 were reported as having been vaccinated but no dose information was available. Of the cases where relevant information was recorded, 41.9% (91/217) had contact with a laboratory-confirmed pertussis case and 19.5% (56/287) attended school, pre-school or childcare.
- *Rheumatic fever*: 14 cases of rheumatic fever were notified in January 2012, compared to six cases during the same month last year. 13 cases were initial attacks of rheumatic fever, and 1 was a recurrent attack. Of the 14 cases, 12 were hospitalised. All cases were notified from the North Island with the highest number of cases notified from Northland (4), Counties Manukau (3) and Lakes (2) DHBs. Cases were reported among Māori (12 cases), Pacific Peoples and Asian (1 case each) ethnic groups. Most cases (10 cases) were aged between 5 and 14 years.
- *Shigellosis*: 12 cases of shigellosis were notified in January 2012 compared with nine cases notified in the previous month and eight cases in the same month of the previous year. Cases occurred in the following DHBs: Waitemata, Auckland, and Canterbury (3 cases each), Bay of Plenty (2), and Taranaki (1). The serotype involved was identified for 9 cases: *Shigella sonnei* biotype g (4), *S. sonnei* biotype a (3), and *S. flexneri* (2). Overseas travel during the incubation period was recorded for five cases. Countries visited or lived in were Samoa (3 cases), Singapore and India (1 case each).
- *Yersiniosis*: 47 cases of yersiniosis were notified in January 2012, compared to 32 cases notified in the previous month and 38 cases in the same month of the previous year (Figure 2). Canterbury DHB had the highest numbers of cases recorded (9 cases), followed by Waitemata (8), Auckland, Hawke's Bay and Waikato (5 cases each) DHBs. Cases occurred in all age groups, with the highest numbers reported in the 1-4 years (15), 20-29 years (9), and 30-39 years (5) age groups. Two cases were hospitalised. The biotype involved was identified in 36 (76.6%) of the cases, and the dominant biotypes were *Yersinia enterocolitica* biotype 4 (22), *Y. enterocolitica* biotype 2 (7), and *Y. enterocolitica* biotype 1A (4). Among the cases for which risk factor information was recorded, 33.3% (3/9) consumed untreated water, 10.0% (1/10) had contact with farm animals, 55.6% (5/9) consumed food from a food premises, 33.3% (3/9) had contact with faecal material, and 50.0% (4/8) had contact with recreational water during the incubation period.

2. Outbreaks

Finalised outbreak reports: 24 outbreak reports were created and finalised in EpiSurv during January 2012 (Table 1).

Table 1: Summary of finalised outbreaks created in EpiSurv during January 2012

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
<i>Campylobacter</i>	Waikato	3	7
Gastroenteritis	Auckland, Waikato	5	28
<i>Giardia</i>	Auckland, Counties Manukau, Waikato	9	28
Norovirus	Waikato, Canterbury	3	106
<i>Plesiomonas shigelloides</i> ¹	Auckland	1	3
<i>Salmonella</i>	Waikato	1	3
<i>Shigella</i> ²	Auckland	1	2
<i>Yersinia</i>	Waikato	1	3
Total		24	180

¹Outbreak reported in Auckland DHB had an overseas exposure location (Thailand).

²Outbreak reported in Auckland DHB had an overseas exposure location (Samoa).

Interim outbreak reports: 15 interim outbreaks were created in EpiSurv during January 2012 (Table 2). The status of the outbreak and cases involved are subject to change, as more data becomes available.

Table 2: Summary of interim outbreaks created in EpiSurv during January 2012

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
<i>Cryptosporidium</i>	Northland	1	7
Gastroenteritis	Waitemata, Auckland, Counties Manukau, MidCentral, Capital and Coast	7	18
<i>Giardia</i>	Auckland	1	4
Histamine (scombroid) fish poisoning	Counties Manukau	1	2
Lead poisoning	Counties Manukau	1	2
<i>Mycobacterium tuberculosis</i>	Auckland	1	4
Norovirus	Northland, Bay of Plenty, Southern	3	45
Total		15	82

3. Deaths from notifiable diseases

Two deaths, where the primary cause of death was a notifiable disease, were reported in January 2012 (Table 3).

Table 3: Summary of deaths from notifiable diseases reported during January 2012

Disease	District Health Board	Age group (years)
Invasive pneumococcal disease	Counties Manukau	70+
<i>Haemophilus influenzae</i> type b	Bay of Plenty	70+

4. Trends in selected diseases to January 2012

Figure 1: Campylobacteriosis notifications by month, January 2006 – January 2012

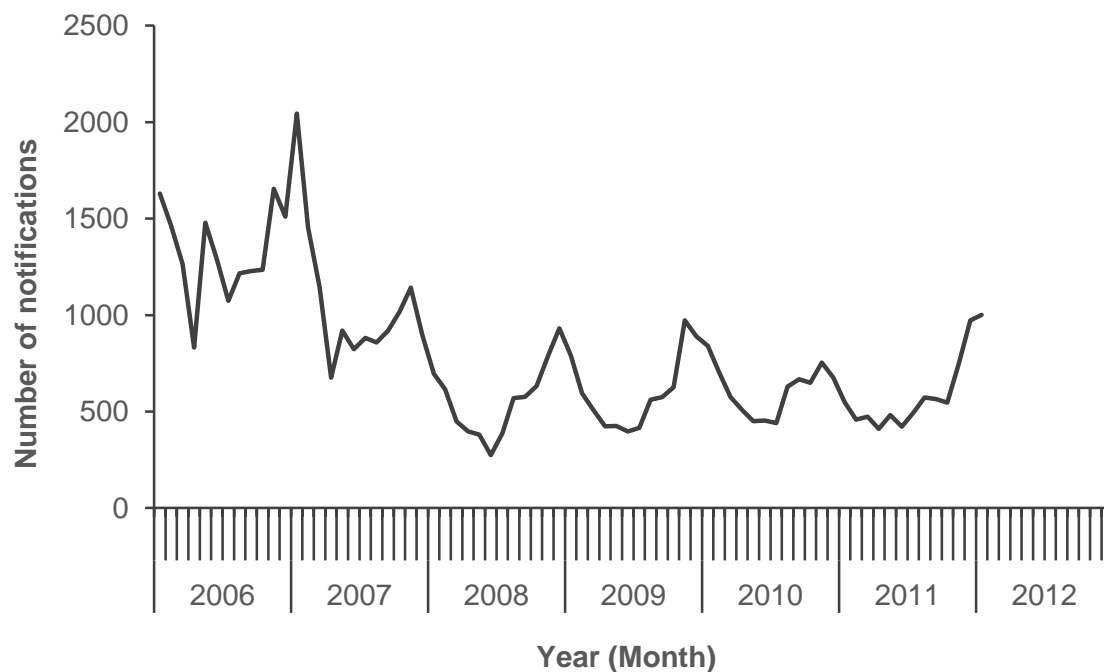
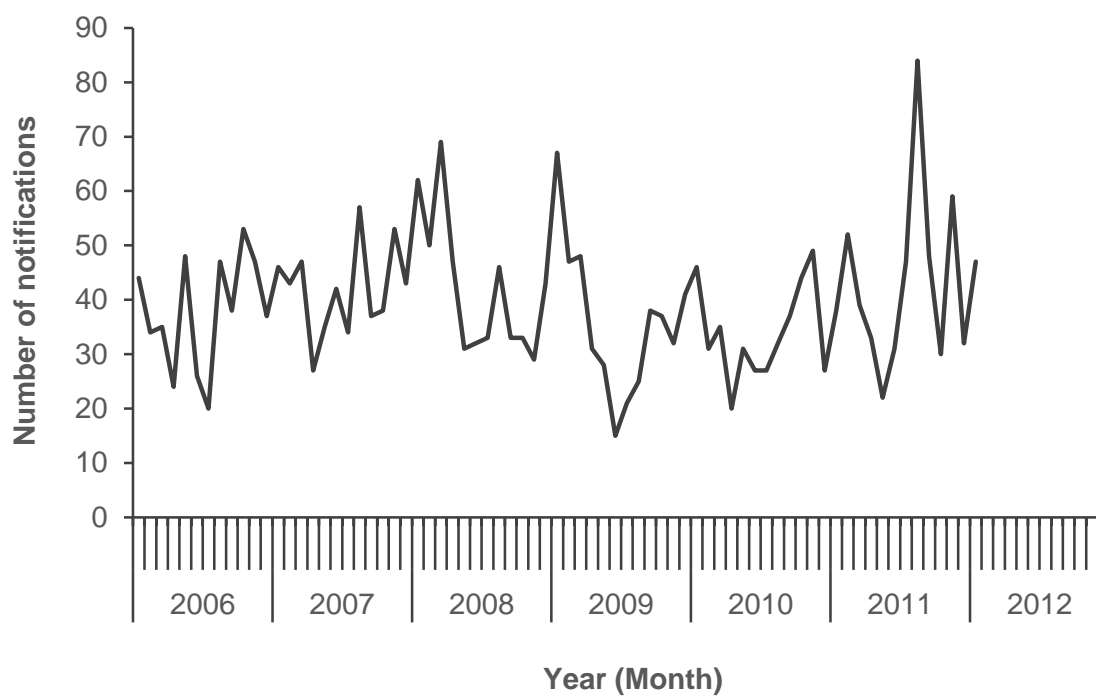


Figure 2: Yersiniosis notifications by month, January 2006 – January 2012



5. Data tables

National Notifiable Disease Surveillance Data January 2012

Disease	Current Year - 2012 ¹			Previous Year - 2011		
	January 2012 Cases	Cumulative total since 1 January	Current 12 Month Rate ²	January 2011 Cases	Cumulative total since 1 January	Current 12 Month Rate ²
Campylobacteriosis	1001	1001	163.6	549	549	161.5
Cryptosporidiosis	34	34	14.0	31	31	21.0
Dengue fever	4	4	1.0	3	3	1.2
Gastroenteritis ³	49	49	14.6	41	41	11.2
Giardiasis	166	166	44.2	171	171	45.9
Haemophilus influenzae type b	1	1	0.3	0	0	0.1
Hepatitis A	2	2	0.6	3	3	1.1
Hepatitis B ⁴	4	4	1.2	3	3	1.1
Hepatitis C ⁴	2	2	0.7	0	0	0.4
Invasive pneumococcal disease	22	22	12.5	29	29	12.3
Lead absorption	16	16	5.3	16	16	5.4
Legionellosis	20	20	3.9	16	16	4.1
Leptospirosis	16	16	2.0	2	2	1.6
Listeriosis	4	4	0.6	3	3	0.5
Malaria	2	2	1.1	6	6	0.9
Measles	37	37	14.3	10	10	1.3
Meningococcal disease	7	7	2.8	4	4	2.2
Mumps	6	6	1.3	1	1	0.8
Pertussis	430	430	54.3	55	55	19.1
Rheumatic fever	14	14	3.9	6	6	3.8
Rubella	0	0	0.5	1	1	0.1
Salmonellosis	132	132	24.4	124	124	26.8
Shigellosis	12	12	2.4	8	8	2.4
Tuberculosis disease	25	25	7.1	30	30	7.0
Typhoid fever	4	4	1.1	3	3	0.6
VTEC/STEC infection	17	17	3.4	21	21	3.4
Yersiniosis	47	47	12.0	38	38	9.1

¹ These data are provisional

² Rate is based on the cumulative total for the current year (12 months up to and including January 2012) or the

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 January: Enterobacter sakazakii (1)

Notifiable Disease Surveillance Data by District Health Board January 2012

		Cases ¹ and current rate ² for January 2012 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	24	127	83	62	104	28	35	13	19	41	12	23	25	63	15	47	6	161	17	96
	Rate	145.5	155.5	129.9	108.4	203.3	153	143.3	139.8	161.1	219	128.2	145.9	159.2	189.5	240.8	160	180.3	188.7	239.9	200.2
Cryptosporidiosis	Cases	2	3	6	2	0	2	0	0	0	0	0	1	5	2	1	5	0	3	0	2
	Rate	18.4	7.6	6.7	7.3	37.9	15.6	10	6.5	19.2	10.3	9.5	15.5	20.2	8.9	29.8	11.6	12.2	10.4	46.5	21.1
Dengue fever	Cases	0	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	Rate	0	0.7	2.4	1.6	0.8	1.9	0.5	2.2	0	0	0	1.8	0.7	2.1	0	0	3.1	0.2	0	0.3
Gastroenteritis	Cases	1	6	10	3	4	1	3	0	2	1	1	7	1	3	0	3	0	2	0	1
	Rate	0.6	11.7	14	9.2	4.4	10.7	12.9	6.5	11.9	1.3	15.8	59.2	29.2	31.2	7.4	5.1	18.3	23.2	3.6	5.3
Giardiasis	Cases	4	24	27	12	10	2	4	0	1	7	0	4	5	15	4	7	4	22	3	11
	Rate	41.9	36.9	60	38.7	47.7	43.9	56.2	17.2	18.3	44.4	12.7	25.7	46.6	75.5	32.3	52.9	58.1	34	66.2	39.2
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	0.6	0	0.2	0	0	1	1.4	0	1.8	0.6	0	0	0	0.3	0	0	0	0.2	1.8	0
Hepatitis A	Cases	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0	0.7	1.8	1.2	0.8	0	0.5	0	0	0.6	0	0	0	0	0	0.7	0	0.2	0	0
Hepatitis B	Cases	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
	Rate	1.9	1.1	2	1.2	0.3	4.9	1.9	12.9	0.9	0.6	0	0.6	2.1	0	0	0.7	0	1	1.8	0.3
Hepatitis C	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	Rate	0	0.4	0.4	0.2	0	0	0	0	0	1.3	0	1.2	0	0	0	0.7	0	1.2	3.6	3.6
Invasive pneumococcal	Cases	3	1	1	8	0	2	0	0	0	1	1	2	0	0	0	0	0	1	1	1
	Rate	15.3	11	11.3	15.9	11.5	30.2	13.3	10.8	9.2	16.1	7.9	12.6	11.1	6.5	17.4	12.3	0	12.8	14.3	11.2
Lead absorption	Cases	1	1	0	1	0	1	1	1	0	0	3	4	1	0	1	0	0	0	0	1
	Rate	1.3	5.8	10.2	7.1	3.6	2.9	1.9	8.6	2.7	5.8	15.8	6	9	3.1	2.5	3.6	9.2	2.4	14.3	3.3
Legionellosis	Cases	2	1	0	0	2	0	1	0	0	0	0	1	0	3	0	1	0	8	0	1
	Rate	4.4	4.1	2.9	2.9	1.9	0	2.4	0	2.7	1.9	1.6	0.6	0.7	1.7	2.5	8	6.1	12.6	1.8	3.6
Leptospirosis	Cases	0	0	0	0	5	0	1	0	2	1	1	0	0	0	1	1	1	3	0	0
	Rate	5.1	0.4	0.4	0.8	2.5	0	1.4	6.5	3.7	7.1	15.8	3	0	0.3	2.5	3.6	9.2	2.2	1.8	1
Listeriosis	Cases	0	1	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.7	0.2	1.2	0.5	1	1	0	0.9	0	0	0	1.4	0.3	0	0	3.1	0.6	0	0.7
Malaria	Cases	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	1.1	3.1	1.6	0.8	0	1.9	0	1.8	1.3	0	0	0	0.3	0	1.4	0	0.6	1.8	0.3
Measles	Cases	0	5	3	20	1	0	0	0	0	0	0	1	0	4	0	0	2	1	0	0
	Rate	2.5	33.3	47.3	19.4	8.5	4.9	3.3	6.5	1.8	16.7	0	1.2	1.4	5.1	0	0.7	6.1	3.5	1.8	5.9
Meningococcal disease	Cases	0	2	0	2	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
	Rate	8.3	1.7	1.6	3.9	3.8	6.8	1.4	2.2	4.6	2.6	3.2	1.8	3.5	2.4	5	1.4	3.1	1.8	1.8	2.6
Mumps	Cases	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	3	1	0
	Rate	0.6	0.4	2.2	1.4	0.3	0	1.4	0	1.8	1.3	1.6	0.6	0.7	0.3	0	8	0	2.2	3.6	0.7
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	1.1	0.2	0	2.9	0	0	0	0	0	0.6	0	0.3	0	0	0	0	0	0.3
Pertussis	Cases	9	9	17	17	9	2	5	27	2	17	0	5	21	46	2	113	18	85	9	17
	Rate	11.4	13.8	14.9	13	25.2	14.6	15.2	137.6	28.4	87.6	20.6	13.8	130.7	93.7	9.9	401.9	779.1	72.8	46.5	24.1
Rheumatic fever	Cases	4	0	1	3	1	2	0	1	1	1	0	0	0	0	0	0	0	0	0	0
	Rate	14.6	0.9	3.3	9.8	3.8	9.7	3.8	15.1	0.9	3.9	4.7	4.8	4.9	4.1	0	2.2	0	0.4	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	0.4	0.2	0	0.5	0	0	0	0.9	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	1.3	0.6	1.6	0.2	0	0	0	0	0	0	0	0	0	0.7	0	0.7	0	0.8	1.8	0.7
Salmonellosis	Cases	2	15	20	6	14	2	2	3	3	2	1	2	4	8	1	8	0	13	4	22
	Rate	22.2	19.4	24.7	12	30.7	28.3	14.8	32.3	16.5	16.7	15.8	18.5	24.3	24	27.3	34	12.2	27.2	59.1	47.8
Shigellosis	Cases	0	3	3	0	0	0	2	0	1	0	0	0	0	0	0	0	0	3	0	0
	Rate	0.6	5.2	5.1	4.1	1.1	1.9	2.4	2.2	1.8	0.6	1.6	0	0	2.1	0	0	0	1.4	1.8	1
Tuberculosis disease	Cases	0	5	5	4	1	0	0	0	0	2	1	0	2	4	0	0	0	1	0	0
	Rate	3.8	7.3	17.5	10	4.9	1.9	6.2	4.3	0.9	9.7	3.2	7.2	7.6	12.4	0	4.3	0	2.6	1.8	1.3
Typhoid fever	Cases	0	0	1	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0	2.6	2.4	2.4	0	1	1	2.2	0	0	0	1.2	0	0.3	0	0	0	0.4	0	0
VTEC/STEC infection	Cases	1	2	2	0	1	1	3	1	0	0	0	0	0	0	0	1	0	2	2	1
	Rate	5.7	1.9	2.2	2.9	6.3	3.9	5.2	6.5	6.4	1.9	0	1.8	2.8	1.7	0	2.9	9.2	5.1	9	2
Yersiniosis	Cases	1	8	5	4	5	0	2	0	0	5	0	1	2	3	0	0	1	9	0	1
	Rate	4.4	14.3	15.3	11.4	23.6	15.6	8.1	4.3	11.9	7.1	4.7	1.8	18.8	18.2	7.4	5.1	18.3	10	7.2	4.3

¹ These data are provisional

² Current rate is based on the cumulative total for the 12 months up to and including January 2012 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 January 2012

Cases¹ and current rate² for January 2012 by District Health Board³

Disease		Northland	Waitemata	Auckland	Counties Manukau	Waikato	Lakes	Bay of Plenty	Tairāwhiti	Taranaki	Hawke's Bay	Whanganui	Mid-central	Hutt Valley	Capital and Coast	Wairarapa	Nelson Marlborough	West Coast	Canterbury	South Canterbury	Southern
Campylobacteriosis	Cases	24	127	83	62	104	28	35	13	19	41	12	23	25	63	15	47	6	161	17	96
	Rate	145.5	155.5	129.9	108.4	203.3	153.0	143.3	139.8	161.1	219.0	128.2	145.9	159.2	189.5	240.8	160.0	180.3	188.7	239.9	200.2
Cryptosporidiosis	Cases	2	3	6	2	0	2	0	0	0	0	0	1	5	2	1	5	0	3	0	2
	Rate	18.4	7.6	6.7	7.3	37.9	15.6	10.0	6.5	19.2	10.3	9.5	15.5	20.2	8.9	29.8	11.6	12.2	10.4	46.5	21.1
Dengue fever	Cases	0	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	Rate	0.0	0.7	2.4	1.6	0.8	1.9	0.5	2.2	0.0	0.0	0.0	1.8	0.7	2.1	0.0	0.0	3.1	0.2	0.0	0.3
Gastroenteritis	Cases	1	6	10	3	4	1	3	0	2	1	1	7	1	3	0	3	0	2	0	1
	Rate	0.6	11.7	14.0	9.2	4.4	10.7	12.9	6.5	11.9	1.3	15.8	59.2	29.2	31.2	7.4	5.1	18.3	23.2	3.6	5.3
Giardiasis	Cases	4	24	27	12	10	2	4	0	1	7	0	4	5	15	4	7	4	22	3	11
	Rate	41.9	36.9	60.0	38.7	47.7	43.9	56.2	17.2	18.3	44.4	12.7	25.7	46.6	75.5	32.3	52.9	58.1	34.0	66.2	39.2
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	0.6	0.0	0.2	0.0	0.0	1.0	1.4	0.0	1.8	0.6	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.2	1.8	0.0
Hepatitis A	Cases	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.7	1.8	1.2	0.8	0.0	0.5	0.0	0.0	0.6	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.2	0.0	0.0
Hepatitis B	Cases	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0
	Rate	1.9	1.1	2.0	1.2	0.3	4.9	1.9	12.9	0.9	0.6	0.0	0.6	2.1	0.0	0.0	0.7	0.0	1.0	1.8	0.3
Hepatitis C	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
	Rate	0.0	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	1.3	0.0	1.2	0.0	0.0	0.0	0.7	0.0	1.2	3.6	3.6
Invasive pneumococcal disease	Cases	3	1	1	8	0	2	0	0	0	1	1	2	0	0	0	0	0	1	1	1
	Rate	15.3	11.0	11.3	15.9	11.5	30.2	13.3	10.8	9.2	16.1	7.9	12.6	11.1	6.5	17.4	12.3	0.0	12.8	14.3	11.2
Lead absorption	Cases	1	1	0	1	0	1	1	1	0	0	3	4	1	0	1	0	0	0	0	1
	Rate	1.3	5.8	10.2	7.1	3.6	2.9	1.9	8.6	2.7	5.8	15.8	6.0	9.0	3.1	2.5	3.6	9.2	2.4	14.3	3.3
Legionellosis	Cases	2	1	0	0	2	0	1	0	0	0	0	1	0	3	0	1	0	8	0	1
	Rate	4.4	4.1	2.9	2.9	1.9	0.0	2.4	0.0	2.7	1.9	1.6	0.6	0.7	1.7	2.5	8.0	6.1	12.6	1.8	3.6
Leptospirosis	Cases	0	0	0	0	5	0	1	0	2	1	1	0	0	0	1	1	1	3	0	0
	Rate	5.1	0.4	0.4	0.8	2.5	0.0	1.4	6.5	3.7	7.1	15.8	3.0	0.0	0.3	2.5	3.6	9.2	2.2	1.8	1.0
Listeriosis	Cases	0	1	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.7	0.2	1.2	0.5	1.0	1.0	0.0	0.9	0.0	0.0	0.0	1.4	0.3	0.0	0.0	3.1	0.6	0.0	0.7
Malaria	Cases	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	1.1	3.1	1.6	0.8	0.0	1.9	0.0	1.8	1.3	0.0	0.0	0.0	0.3	0.0	1.4	0.0	0.6	1.8	0.3
Measles	Cases	0	5	3	20	1	0	0	0	0	0	0	1	0	4	0	0	2	1	0	0
	Rate	2.5	33.3	47.3	19.4	8.5	4.9	3.3	6.5	1.8	16.7	0.0	1.2	1.4	5.1	0.0	0.7	6.1	3.5	1.8	5.9
Meningococcal disease	Cases	0	2	0	2	1	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0
	Rate	8.3	1.7	1.6	3.9	3.8	6.8	1.4	2.2	4.6	2.6	3.2	1.8	3.5	2.4	5.0	1.4	3.1	1.8	1.8	2.6
Mumps	Cases	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	3	1	0
	Rate	0.6	0.4	2.2	1.4	0.3	0.0	1.4	0.0	1.8	1.3	1.6	0.6	0.7	0.3	0.0	8.0	0.0	2.2	3.6	0.7
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	0.0	1.1	0.2	0.0	2.9	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.3
Pertussis	Cases	9	9	17	17	9	2	5	27	2	17	0	5	21	46	2	113	18	85	9	17
	Rate	11.4	13.8	14.9	13.0	25.2	14.6	15.2	137.6	28.4	87.6	20.6	13.8	130.7	93.7	9.9	401.9	779.1	72.8	46.5	24.1
Rheumatic fever	Cases	4	0	1	3	1	2	0	1	1	1	0	0	0	0	0	0	0	0	0	0
	Rate	14.6	0.9	3.3	9.8	3.8	9.7	3.8	15.1	0.9	3.9	4.7	4.8	4.9	4.1	0.0	2.2	0.0	0.4	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	0.4	0.2	0.0	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	0	0	0	0	0	0	0	0	0
	Rate	1.3	0.6	1.6	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.7	0.0	0.8	1.8	0.7
Salmonellosis	Cases	2	15	20	6	14	2	2	3	3	2	1	2	4	8	1	8	0	13	4	22
	Rate	22.2	19.4	24.7	12.0	30.7	28.3	14.8	32.3	16.5	16.7	15.8	18.5	24.3	24.0	27.3	34.0	12.2	27.2	59.1	47.8
Shigellosis	Cases	0	3	3	0	0	0	2	0	1	0	0	0	0	0	0	0	0	3	0	0
	Rate	0.6	5.2	5.1	4.1	1.1	1.9	2.4	2.2	1.8	0.6	1.6	0.0	0.0	2.1	0.0	0.0	0.0	1.4	1.8	1.0
Tuberculosis disease	Cases	0	5	5	4	1	0	0	0	0	2	1	0	2	4	0	0	0	1	0	0
	Rate	3.8	7.3	17.5	10.0	4.9	1.9	6.2	4.3	0.9	9.7	3.2	7.2	7.6	12.4	0.0	4.3	0.0	2.6	1.8	1.3
Typhoid fever	Cases	0	0	1	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	2.6	2.4	2.4	0.0	1.0	1.0	2.2	0.0	0.0	0.0	1.2	0.0	0.3	0.0	0.0	0.0	0.4	0.0	0.0
VTEC/STEC infection	Cases	1	2	2	0	1	1	3	1	0	0	0	0	0	0	0	1	0	2	2	1
	Rate	5.7	1.9	2.2	2.9	6.3	3.9	5.2	6.5	6.4	1.9	0.0	1.8	2.8	1.7	0.0	2.9	9.2	5.1	9.0	2.0
Yersiniosis	Cases	1	8	5	4	5	0	2	0	0	5	0	1	2	3	0	0	1	9	0	1
	Rate	4.4	14.3	15.3	11.4	23.6	15.6	8.1	4.3	11.9	7.1	4.7	1.8	18.8	18.2	7.4	5.1	18.3	10.0	7.2	4.3

¹ These data are provisional

² Current rate is based on the cumulative total for the 12 months up to and including January 2012 expressed as cases per 100 000

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

Notifiable Disease Surveillance Data for the 12 months ending January-2012 by District Health Board

Cases for the 12 months ending January 2012 ^{1 2} by District Health Board																								
Disease	Total	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	7144	229	835	585	532	741	157	301	65	176	340	81	244	229	552	97	221	59	959	134	607			
Cryptosporidiosis	613	29	41	30	36	138	16	21	3	21	16	6	26	29	26	12	16	4	53	26	64			
Dengue fever	43	0	4	11	8	3	2	1	1	0	0	0	3	1	6	0	0	1	1	0	1			
Gastroenteritis	638	1	63	63	45	16	11	27	3	13	2	10	99	42	91	3	7	6	118	2	16			
Giardiasis	1930	66	198	270	190	174	45	118	8	20	69	8	43	67	220	13	73	19	173	37	119			
Haemophilus influenzae type b	12	1	0	1	0	0	1	3	0	2	1	0	0	0	1	0	0	0	1	1	0			
Hazardous substances injury	11	0	1	4	1	0	0	2	0	3	0	0	0	0	0	0	0	0	0	0	0			
Hepatitis A	25	0	4	8	6	3	0	1	0	0	1	0	0	0	0	0	1	0	1	0	0			
Hepatitis B	54	3	6	9	6	1	5	4	6	1	1	0	1	3	0	0	1	0	5	1	1			
Hepatitis C	29	0	2	2	1	0	0	0	0	0	2	0	2	0	0	0	1	0	6	2	11			
Invasive pneumococcal disease	545	24	59	51	78	42	31	28	5	10	25	5	21	16	19	7	17	0	65	8	34			
Lead absorption	231	2	31	46	35	13	3	4	4	3	9	10	10	13	9	1	5	3	12	8	10			
Legionellosis	172	7	22	13	14	7	0	5	0	3	3	1	1	1	5	1	11	2	64	1	11			
Leptospirosis	86	8	2	2	4	9	0	3	3	4	11	10	5	0	1	1	5	3	11	1	3			
Listeriosis	27	1	4	1	6	2	1	2	0	1	0	0	0	2	1	0	0	1	3	0	2			
Malaria	48	1	6	14	8	3	0	4	0	2	2	0	0	0	1	0	2	0	3	1	1			
Measles	624	4	179	213	95	31	5	7	3	2	26	0	2	2	15	0	1	2	18	1	18			
Meningococcal disease	122	13	9	7	19	14	7	3	1	5	4	2	3	5	7	2	2	1	9	1	8			
Mumps	58	1	2	10	7	1	0	3	0	2	2	1	1	1	1	0	11	0	11	2	2			
Paratyphoid fever	12	0	0	5	1	0	3	0	0	0	0	0	1	0	1	0	0	0	0	0	1			
Pertussis	2373	18	74	67	64	92	15	32	64	31	136	13	23	188	273	4	555	255	370	26	73			
Rheumatic fever	172	23	5	15	48	14	10	8	7	1	6	3	8	7	12	0	3	0	2	0	0			
Rickettsial disease	6	0	2	1	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0			
Rubella	23	2	3	7	1	0	0	0	0	0	0	0	0	0	2	0	1	0	4	1	2			
Salmonellosis	1064	35	104	111	59	112	29	31	15	18	26	10	31	35	70	11	47	4	138	33	145			
Shigellosis	105	1	28	23	20	4	2	5	1	2	1	1	0	0	6	0	0	0	7	1	3			
Tuberculosis disease	309	6	39	79	49	18	2	13	2	1	15	2	12	11	36	0	6	0	13	1	4			
Typhoid fever	46	0	14	11	12	0	1	2	1	0	0	0	2	0	1	0	0	0	2	0	0			
VTEC/STEC infection	150	9	10	10	14	23	4	11	3	7	3	0	3	4	5	0	4	3	26	5	6			
Yersiniosis	524	7	77	69	56	86	16	17	2	13	11	3	3	27	53	3	7	6	51	4	13			
Total	17196	491	1824	1738	1415	1549	366	656	197	342	712	166	544	683	1414	155	997	369	2126	297	1155			

¹ These data are provisional

² Further data are available from the local Medical Officer of Health

National Notifiable Disease Surveillance Data January 2012

Disease	Current Year - 2012 ¹			Previous Year - 2011		
	January 2012 Cases	Cumulative total since 1 January	Current 12 Month Rate ²	January 2011 Cases	Cumulative total since 1 January	Current 12 Month Rate ²
Campylobacteriosis	1001	1001	163.6	549	549	161.5
Cryptosporidiosis	34	34	14.0	31	31	21.0
Dengue fever	4	4	1.0	3	3	1.2
Gastroenteritis ³	49	49	14.6	41	41	11.2
Giardiasis	166	166	44.2	171	171	45.9
Haemophilus influenzae type b	1	1	0.3	0	0	0.1
Hepatitis A	2	2	0.6	3	3	1.1
Hepatitis B ⁴	4	4	1.2	3	3	1.1
Hepatitis C ⁴	2	2	0.7	0	0	0.4
Invasive pneumococcal disease	22	22	12.5	29	29	12.3
Lead absorption	16	16	5.3	16	16	5.4
Legionellosis	20	20	3.9	16	16	4.1
Leptospirosis	16	16	2.0	2	2	1.6
Listeriosis	4	4	0.6	3	3	0.5
Malaria	2	2	1.1	6	6	0.9
Measles	37	37	14.3	10	10	1.3
Meningococcal disease	7	7	2.8	4	4	2.2
Mumps	6	6	1.3	1	1	0.8
Pertussis	430	430	54.3	55	55	19.1
Rheumatic fever	14	14	3.9	6	6	3.8
Rubella	0	0	0.5	1	1	0.1
Salmonellosis	132	132	24.4	124	124	26.8
Shigellosis	12	12	2.4	8	8	2.4
Tuberculosis disease	25	25	7.1	30	30	7.0
Typhoid fever	4	4	1.1	3	3	0.6
VTEC/STEC infection	17	17	3.4	21	21	3.4
Yersiniosis	47	47	12.0	38	38	9.1

¹ These data are provisional

² Rate is based on the cumulative total for the current year (12 months up to and including January 2012) or the previous

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 January: Chemical poisoning from the environment (1) , Enterobacter