

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 5 March 2013. 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

Cholera: One case of cholera was notified in February 2013. The case was subsequently made 'not a case' in March after further investigation.

Decompression sickness: One case of decompression sickness was notified in February 2013. The case was a male tourist from the USA in the 30-39 year age group who had been diving.

Cryptosporidiosis: 119 cases of cryptosporidiosis were notified in February 2013 compared to 28 cases notified during the same month of the previous year (Figure 1). The cases ranged in age from 5 months to 82 years, with the highest numbers of cases in the 1-4 years (38 cases) followed by those in the 30-39 years (24 cases), and 5-9 years (18 cases) age groups. The highest numbers of cases were reported in Waikato (31 cases), Hawke's Bay (26 cases), and Capital and Coast (12 cases) DHBs. Among the cases where risk factor information was recorded, 70.7% (41/58) had recreational contact with water, 50.0% (40/80) attended school, pre-school or childcare, 39.0% (23/59) had contact with faecal matter, 35.3% (18/51) had consumed food from a food premises, 32.1% (18/56) had contact with other symptomatic people, 29.3% (17/58) had drank from non-habitual water supply, and 27.3% (15/55) had consumed untreated water. Nine *Cryptosporidium* outbreaks were reported in February, including three final outbreaks (nine cases) and six interim outbreaks (case numbers yet to be determined).

Cysticercosis: One confirmed case of cysticercosis was notified in February 2013. The case was a female in the 20-29 year age group from Nelson Marlborough DHB and was in Nepal during the incubation period.

Dengue fever: Seven cases of dengue fever were notified in February 2013, compared to five cases during the same month of last year. All of the cases had travelled overseas during the incubation period, and the countries visited were Thailand (3 cases each), and Italy, Laos, New Caledonia, Samoa, Solomon Islands, Sri Lanka (1 case each). Two cases had travelled to more than one country, including the case that travelled to Italy.

Haemophilus influenzae type b: One probable case of *Haemophilus influenzae* type b was notified in February 2013. The case was in the 70+ years age group and was from Waitemata DHB.

Hepatitis NOS: One confirmed case of hepatitis NOS was notified in February 2013. The case, a female in the 70+ years age group from Counties Manukau DHB, was infected with Hepatitis E and had been overseas during the incubation period.

Hydatid: One case of hydatid disease was notified in February 2013. The case was a female in the 60-69 year age group from Bay of Plenty DHB and was in India during the incubation period.

Listeriosis: Four cases of listeriosis (3 non-perinatal and 1 perinatal) were notified in February 2013. For the perinatal case, the mother was from the European ethnic group, in the 20-29 years age group, and from Taranaki DHB. The serotype of *Listeria monocytogenes* was identified as serotype 4. Home killed meat was identified as a probable source of infection. The non-perinatal cases were from Bay of Plenty, Canterbury and Wairarapa (1 case each) DHBs and were distributed by age group as follows: 70+ years (2) and 60-69 years (1). Two of the three cases were reported to have underlying illness and/or were on immunosuppressive medication. All three cases were infected with *L. monocytogenes* serotype 1/2.

Pertussis: 473 cases of pertussis were notified in February 2013, compared with 566 cases notified the previous month and 444 cases in the same month of the previous year (Figure 2). Twenty-seven cases were hospitalised and no deaths were reported. There were 123 (26.0%) cases laboratory-confirmed by isolation of *Bordetella pertussis* from the nasopharynx. A further 102 (21.6%) cases were laboratory-confirmed by PCR. The highest number of cases was from Canterbury DHB (85), followed by Waikato (63) and Auckland (38) DHBs. The cases ranged in age from 21 days to 85 years, with 23.5% under 5 years old (including 29 cases aged less than 1 year). The highest numbers of cases occurred in the 1-4 years (82 cases), 40-49 years (72 cases), 50-59 years (59 cases), and 30-39 years (53 cases) age groups. The vaccination status was recorded for 224 (47.7%) of cases. Of these, 60 were reported as not vaccinated, 22 received one dose of vaccine, four received two doses of vaccine, 97 received three or more doses (including 13 who had received all five doses), and 41 were reported as being vaccinated but no dose information was available. Of the cases where the relevant information was recorded 36.8% (60/163) had contact with a laboratory-confirmed pertussis case, and 28.9% (91/315) attended school, pre-school or childcare. Five *B. pertussis* outbreaks involving 12 cases in total were reported in February.

Rickettsial disease: One probable case of rickettsial disease due to spotted fever was notified in February 2013. The case was a male in the 15-19 years age group from Northland DHB. The case was overseas in Thailand during the incubation period.

Taeniasis: One confirmed case of taeniasis was notified in February 2013. The case was a female in the 60-69 years age group from Counties Manukau DHB and was in Southern and South East Asia during the incubation period.

Tetanus: One confirmed case of tetanus was notified in February 2013 from Lakes DHB. The case was a female in the 60-69 year age group who spiked herself on a rose thorn while gardening. She was not vaccinated.

Typhoid fever: 13 cases of typhoid fever were notified in February 2013, compared with two cases in the same month of the previous year. Cases were from the following DHBs: Counties Manukau (8 cases), Auckland (3 cases), Waikato and Waitemata (1 case each). The highest number of cases occurred in the 10-14 and 20-29 years age groups (3 cases each). Travel history was recorded for nine (69.2%) of the cases, of which eight reported travel during the incubation period. The countries visited were: Samoa (5 cases), and Korea, India, and Pakistan (1 case each). The serotype involved was recorded for five cases: *Salmonella* Typhi E1a (3 cases) and *S. Typhi* (2 cases).

VTEC/STEC infection: 15 cases of VTEC/STEC infection were notified in February 2013. This compares with 11 cases notified in the same month of the previous year. Cases were from the following DHBs: Northland (5 cases), Auckland, Southern, (2 cases each), and Counties Manukau, Waitemata Waikato, Lakes, Nelson Marlborough, and Canterbury (1 case each). The highest number of cases occurred in the 1-4 years and 20-29 years age groups (3 cases each). Five cases were hospitalised of which one had haemolytic uraemic syndrome. The serotype/organism was identified by the Enteric Reference Laboratory for five cases, three of which were *Escherichia coli* O157:H7, two of which were identified only as verocytotoxin detected. Among the cases for which risk factor was recorded, 100.0% (4/4) had contact with animals, and 50.0% (2/4) had recreational contact with water.

2. Outbreaks

Table 1. Summary of finalised outbreaks created in EpiSurv during February 2013

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
<i>Bordetella pertussis</i>	Waikato	3	12
<i>Campylobacter</i>	Waikato, Taranaki	2	6
<i>Cryptosporidium</i>	Waikato	3	9
<i>Escherichia coli</i> O157	Waitemata	1	2
Gastroenteritis	Southern	1	4
Norovirus	Auckland, Counties Manukau, Tairāwhiti, Hutt Valley, Canterbury	7	79
<i>Shigella</i> ¹	Waitemata	1	3
Total		18	115

¹ One *Shigella* outbreak reported in Waitemata DHB had an overseas exposure location (Samoa).

Table 2. Summary of interim outbreaks created in EpiSurv during February 2013

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
<i>Bordetella pertussis</i> ¹	Waikato	2	-
<i>Campylobacter</i> ¹	Capital and Coast	1	-
<i>Cryptosporidium</i> ^{1,4}	Waikato	6	-
Gastroenteritis ^{1,3}	Auckland, Counties Manukau, Waikato, Bay of Plenty, Taranaki, MidCentral, Hutt Valley, Capital and Coast, Nelson Marlborough	15	69
<i>Giardia</i> ^{1,4}	Waikato	4	-
Histamine (scombroid) fish poisoning	Bay of Plenty	1	11
Influenza-like illness ¹	Capital and Coast	1	-
Norovirus	Whanganui	1	22
<i>Salmonella</i> ^{1,2}	Southern, MidCentral	2	6
Total		32	108

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

² One *Salmonella* outbreak reported from MidCentral involved other DHBs (Capital and Coast, and Auckland).

³ One gastroenteritis outbreak reported in Counties Manukau DHB had an overseas exposure location (Samoa).

⁴ Outbreak involved more than one pathogen therefore individual pathogen outbreak numbers may not sum to group totals

3. Deaths from notifiable diseases

One death, where the primary cause of death was a notifiable disease, was reported in February 2013 (Table 3).

Table 3. Summary of deaths from notifiable diseases reported during February 2013

Disease	District Health Board	Age group (years)
Invasive pneumococcal disease	Canterbury	70+ years

4. Trends in selected diseases to February 2013

Figure 1: Cryptosporidiosis notifications by month, January 2008 – February 2013

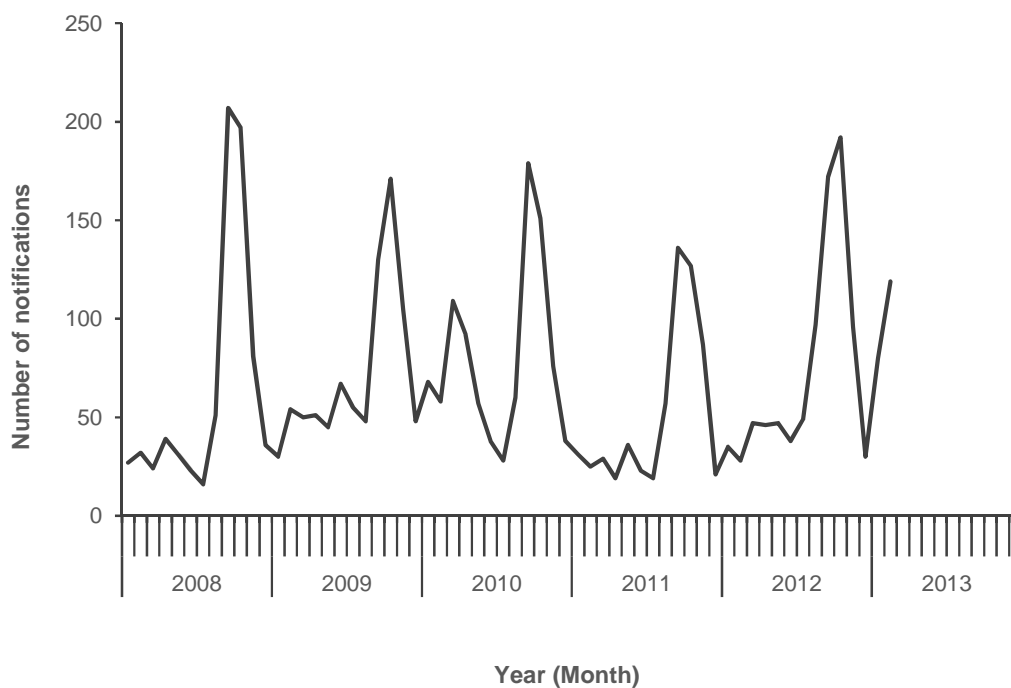
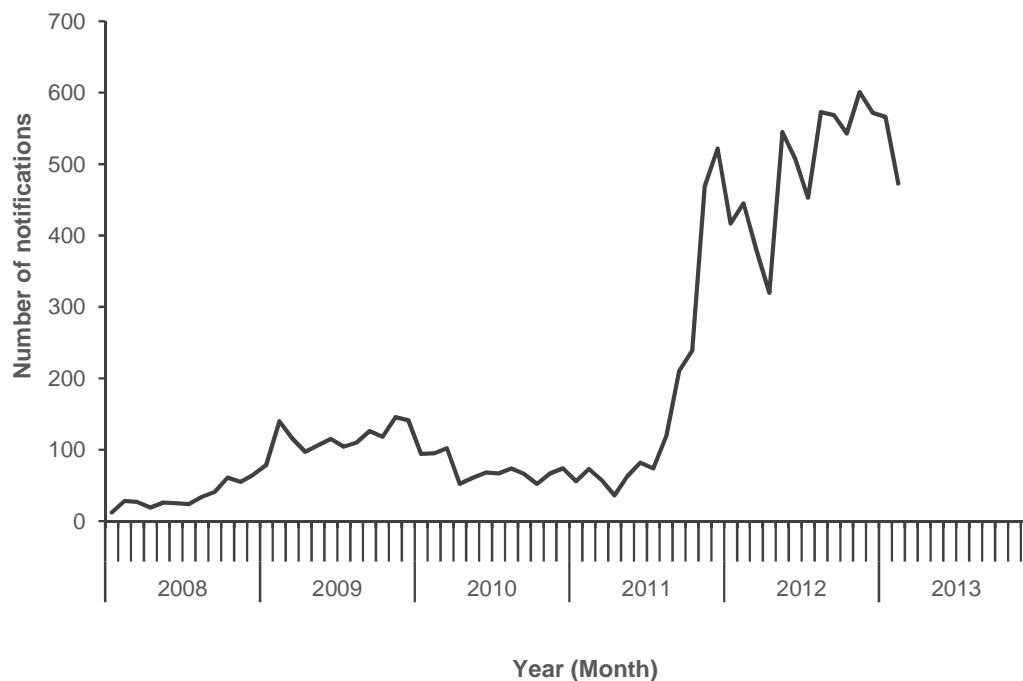


Figure 2: Pertussis notifications by month, January 2008 – February 2013



5. Data tables

National Notifiable Disease Surveillance Data February 2013

Disease	Current Year - 2013 ¹			Previous Year - 2012		
	February 2013 Cases	Cumulative total since 1 January	Current 12 Month Rate ²	February 2012 Cases	Cumulative total since 1 January	Current 12 Month Rate ²
Campylobacteriosis	518	1261	149.4	661	1659	166.6
Cryptosporidiosis	119	199	22.9	28	63	14.0
Dengue fever	7	22	2.0	5	8	0.9
Gastroenteritis ³	41	95	16.5	48	99	14.1
Giardiasis	149	301	37.8	175	339	42.5
Haemophilus influenzae type b	1	1	0.1	0	1	0.2
Hepatitis A	13	17	1.8	18	21	0.9
Hepatitis B ⁴	6	11	1.0	2	5	1.1
Hepatitis C ⁴	4	7	0.7	4	6	0.7
Invasive pneumococcal disease	23	50	11.2	18	41	12.4
Lead absorption	13	40	5.8	41	57	5.4
Legionellosis	13	33	3.4	13	34	3.4
Leptospirosis	3	12	2.4	4	16	1.8
Listeriosis	4	8	0.6	1	5	0.6
Malaria	7	14	1.1	2	4	1.0
Measles	1	1	0.4	17	51	14.1
Meningococcal disease	2	7	1.8	4	11	2.7
Mumps	8	11	0.7	1	5	1.1
Paratyphoid fever	4	6	0.5	7	7	0.4
Pertussis	473	1039	137.1	444	861	62.0
Rheumatic fever	13	18	3.7	17	31	4.0
Rickettsial disease	1	1	0.1	0	0	0.1
Rubella	0	0	0.1	1	1	0.5
Salmonellosis	105	254	24.6	114	246	24.0
Shigellosis	14	32	3.1	13	25	2.4
Tuberculosis disease	19	50	6.6	28	53	7.1
Typhoid fever	13	27	1.5	2	6	1.0
VTEC/STEC infection	15	35	3.5	11	26	3.1
Yersiniosis	30	72	11.5	30	76	11.4

¹ These data are provisional

² Rate is based on the cumulative total for the current year (12 months up to and including February 2013) or the previous year (12 months up to and including February 2012), expressed as cases per 100 000

³ Cases of gastroenteritis from a common source or foodborne intoxication

⁴ Only acute cases of this disease are currently notifiable

Other notifiable infectious disease reported in February: Chemical poisoning from the environment (2), Cholera (1), Cysticercosis (1), Decompression sickness (1), Hepatitis NOS (1), Hydatid disease (1), Taeniasis (1), Tetanus (1)

Notifiable Disease Surveillance Data by District Health Board February 2013

		Cases ¹ and current rate ² for February 2013 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	13	55	46	40	47	12	17	4	15	21	8	13	18	44	3	14	4	68	17	59
	Rate	144.7	128.4	113.4	91.7	180.4	151.3	119.3	96.2	205.8	186.0	129.6	115.2	114.3	134.2	130.4	189.1	218.8	198.4	305.9	213.7
Cryptosporidiosis	Cases	0	5	10	1	31	7	3	2	0	26	1	2	2	12	0	1	0	11	0	5
	Rate	22.1	8.5	7.4	8.1	58.6	33.0	11.3	6.4	26.3	56.6	11.2	16.5	22.2	39.4	39.4	11.4	30.4	19.8	86.6	28.3
Dengue fever	Cases	0	1	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	1.3	2.9	5.4	2.6	0.5	1.0	0.5	2.1	0.0	0.6	0.0	3.0	0.7	3.4	0.0	0.0	0.0	1.4	0.0	1.6
Gastroenteritis	Cases	0	6	3	3	5	0	2	0	1	0	4	5	5	3	1	0	0	3	0	0
	Rate	0.6	15.5	24.2	9.1	13.8	20.4	20.7	6.4	10.9	0.6	20.8	76.2	31.9	26.9	14.8	10.0	21.3	9.4	1.8	3.6
Giardiasis	Cases	6	13	11	18	22	7	12	1	2	6	1	2	2	9	1	8	0	17	2	9
	Rate	29.1	35.4	46.9	28.7	44.8	59.2	47.6	17.1	35.4	32.8	14.4	11.8	34.7	40.7	41.8	50.5	21.3	39.8	37.1	42.6
Haemophilus influenzae type b	Cases	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.4	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	1.8	0.0
Hepatitis A	Cases	1	1	2	4	0	0	2	0	0	1	0	0	0	1	0	0	0	1	0	0
	Rate	0.6	5.1	2.6	3.3	0.8	0.0	1.4	2.1	0.9	1.9	0.0	0.0	0.7	2.0	0.0	0.0	0.0	0.4	0.0	0.0
Hepatitis B	Cases	0	0	1	0	0	2	2	0	0	0	0	0	0	1	0	0	0	0	0	0
	Rate	0.6	0.9	0.9	1.2	0.8	1.9	1.9	2.1	0.9	0.6	0.0	1.2	0.0	1.0	0.0	1.4	0.0	1.6	0.0	0.6
Hepatitis C	Cases	0	0	0	0	0	0	0	0	1	0	0	0	1	2	0	0	0	0	0	0
	Rate	0.0	0.0	0.2	0.0	0.3	0.0	0.0	0.0	3.6	1.3	0.0	0.0	0.7	1.7	0.0	0.0	0.0	1.2	3.5	3.6
Invasive pneumococcal	Cases	1	2	1	3	2	0	0	1	0	1	0	2	1	3	2	0	0	3	0	1
	Rate	13.3	7.2	11.3	13.6	11.6	14.5	16.5	6.4	13.6	15.4	8.0	6.5	9.0	11.4	27.1	14.9	3.0	8.2	12.4	11.7
Lead absorption	Cases	1	1	2	1	0	0	1	0	1	0	0	2	1	0	0	0	1	1	0	1
	Rate	1.9	6.7	11.0	8.3	2.7	1.9	3.8	4.3	6.3	1.9	6.4	10.0	4.2	5.7	19.7	2.1	9.1	2.6	5.3	5.2
Legionellosis	Cases	1	1	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	5	1	0
	Rate	5.7	3.4	3.9	2.4	2.4	0.0	0.9	0.0	0.0	0.6	1.6	3.0	0.7	1.3	0.0	2.8	3.0	10.2	5.3	3.2
Leptospirosis	Cases	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	3.2	0.4	0.4	0.4	7.3	0.0	2.4	6.4	4.5	12.2	9.6	5.9	0.7	0.0	7.4	1.4	6.1	0.8	3.5	1.6
Listeriosis	Cases	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	1	0	0
	Rate	0.0	0.4	0.4	0.6	0.8	0.0	3.3	0.0	0.9	2.6	0.0	0.6	0.0	0.3	2.5	0.7	0.0	0.2	1.8	0.0
Malaria	Cases	0	1	1	1	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
	Rate	1.3	1.1	2.8	1.8	0.0	1.0	0.0	0.0	0.0	1.9	0.0	3.0	0.7	0.7	0.0	0.7	0.0	1.0	0.0	0.0
Measles	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	Rate	3.8	0.4	0.9	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	1.8	0.0
Meningococcal disease	Cases	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	1.9	1.3	1.7	1.2	1.4	4.8	2.4	4.3	2.7	1.3	1.6	2.4	0.7	3.4	0.0	1.4	0.0	2.0	5.3	1.3
Mumps	Cases	0	0	2	4	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
	Rate	0.6	0.7	0.9	0.8	0.5	0.0	0.5	2.1	0.0	0.0	0.0	0.0	0.7	0.7	2.5	3.6	0.0	1.0	1.8	0.0
Paratyphoid fever	Cases	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	Rate	0.0	0.7	0.9	0.6	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.7	0.0	0.6	0.0	1.3
Pertussis	Cases	13	36	38	35	63	1	17	5	15	5	12	26	9	34	3	34	4	85	3	35
	Rate	67.6	62.0	66.2	70.7	123.4	89.2	103.7	284.2	146.8	65.0	272.1	147.2	223.8	216.3	324.9	393.0	401.2	245.4	106.1	100.4
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	Cases	2	3	1	3	0	0	2	1	0	0	0	1	0	0	0	0	0	0	0	0
	Rate	7.6	2.9	2.6	13.4	5.1	3.9	2.8	17.1	0.9	3.2	0.0	1.8	1.4	3.0	0.0	0.0	0.0	0.2	0.0	0.0
Rickettsial disease	Cases	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	1.3	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	0.0	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	0.0	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	0.4	0.0	0.0
Salmonellosis	Cases	3	11	10	9	10	4	4	0	1	5	0	3	1	4	2	3	0	18	1	16
	Rate	17.7	20.4	26.4	15.9	23.5	25.2	21.7	12.8	27.2	23.2	14.4	20.1	18.7	14.1	22.2	41.2	45.6	26.2	46.0	53.3
Shigellosis	Cases	1	3	1	7	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Rate	1.9	4.7	5.4	7.3	1.6	1.0	1.9	0.0	2.7	0.6	0.0	1.2	1.4	3.4	0.0	0.7	0.0	1.6	0.0	3.2
Tuberculosis disease	Cases	0	1	5	2	2	0	1	0	0	0	0	0	1	5	0	1	0	1	0	0
	Rate	1.9	7.6	12.5	7.5	6.2	3.9	5.2	4.3	5.4	12.9	1.6	3.5	8.3	9.1	0.0	10.0	0.0	3.6	1.8	2.3
Typhoid fever	Cases	0	1	3	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	1.8	2.8	5.3	0.3	1.0	0.9	0.0	0.0	0.0	0.0	0.0	2.8	0.7	0.0	0.0	0.0	1.0	0.0	0.3
VTEC/STEC infection	Cases	5	1	2	1	1	1	0	0	0	0	0	0	0	0	0	1	0	1	0	2
	Rate	11.4	2.7	1.7	2.2	6.5	1.9	5.7	2.1	9.1	3.2	0.0	0.6	0.7	0.7	0.0	2.1	6.1	4.4	5.3	5.2
Yersiniosis	Cases	1	2	3	4	0	2	3	1	2	0	0	0	0	2	0	0	0	6	3	1
	Rate	10.1	15.7	13.2	10.8	11.6	13.6	11.8	10.7	12.7	5.8	4.8	3.5	12.5	18.2	9.8	2.8	3.0	11.8	28.3	5.5

¹ These data are provisional

² Current rate is based on the cumulative total for the 12 months up to and including February 2013 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 February 2013

		Cases ¹ and current rate ² for February 2013 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	13	55	46	40	47	12	17	4	15	21	8	13	18	44	3	14	4	68	17	59
	Rate	144.7	128.4	113.4	91.7	180.4	151.3	119.3	96.2	205.8	186.0	129.6	115.2	114.3	134.2	130.4	189.1	218.8	198.4	305.9	213.7
Cryptosporidiosis	Cases	0	5	10	1	31	7	3	2	0	26	1	2	2	12	0	1	0	11	0	5
	Rate	22.1	8.5	7.4	8.1	58.6	33.0	11.3	6.4	26.3	56.6	11.2	16.5	22.2	39.4	39.4	11.4	30.4	19.8	86.6	28.3
Dengue fever	Cases	0	1	5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	1.3	2.9	5.4	2.6	0.5	1.0	0.5	2.1	0.0	0.6	0.0	3.0	0.7	3.4	0.0	0.0	0.0	1.4	0.0	1.6
Gastroenteritis	Cases	0	6	3	3	5	0	2	0	1	0	4	5	5	3	1	0	0	3	0	0
	Rate	0.6	15.5	24.2	9.1	13.8	20.4	20.7	6.4	10.9	0.6	20.8	76.2	31.9	26.9	14.8	10.0	21.3	9.4	1.8	3.6
Giardiasis	Cases	6	13	11	18	22	7	12	1	2	6	1	2	2	9	1	8	0	17	2	9
	Rate	29.1	35.4	46.9	28.7	44.8	59.2	47.6	17.1	35.4	32.8	14.4	11.8	34.7	40.7	41.8	50.5	21.3	39.8	37.1	42.6
Haemophilus influenzae type b	Cases	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.4	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	1.8	0.0
Hepatitis A	Cases	1	1	2	4	0	0	2	0	0	1	0	0	0	1	0	0	0	1	0	0
	Rate	0.6	5.1	2.6	3.3	0.8	0.0	1.4	2.1	0.9	1.9	0.0	0.0	0.7	2.0	0.0	0.0	0.0	0.4	0.0	0.0
Hepatitis B	Cases	0	0	1	0	0	2	2	0	0	0	0	0	0	1	0	0	0	0	0	0
	Rate	0.6	0.9	0.9	1.2	0.8	1.9	1.9	2.1	0.9	0.6	0.0	1.2	0.0	1.0	0.0	1.4	0.0	1.6	0.0	0.6
Hepatitis C	Cases	0	0	0	0	0	0	0	0	1	0	0	0	1	2	0	0	0	0	0	0
	Rate	0.0	0.0	0.2	0.0	0.3	0.0	0.0	0.0	3.6	1.3	0.0	0.0	0.7	1.7	0.0	0.0	0.0	1.2	3.5	3.6
Invasive pneumococcal disease	Cases	1	2	1	3	2	0	0	1	0	1	0	2	1	3	2	0	0	3	0	1
	Rate	13.3	7.2	11.3	13.6	11.6	14.5	16.5	6.4	13.6	15.4	8.0	6.5	9.0	11.4	27.1	14.9	3.0	8.2	12.4	11.7
Lead absorption	Cases	1	1	2	1	0	0	1	0	1	0	0	2	1	0	0	0	1	1	0	1
	Rate	1.9	6.7	11.0	8.3	2.7	1.9	3.8	4.3	6.3	1.9	6.4	10.0	4.2	5.7	19.7	2.1	9.1	2.6	5.3	5.2
Legionellosis	Cases	1	1	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	5	1	0
	Rate	5.7	3.4	3.9	2.4	2.4	0.0	0.9	0.0	0.0	0.6	1.6	3.0	0.7	1.3	0.0	2.8	3.0	10.2	5.3	3.2
Leptospirosis	Cases	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	3.2	0.4	0.4	0.4	7.3	0.0	2.4	6.4	4.5	12.2	9.6	5.9	0.7	0.0	7.4	1.4	6.1	0.8	3.5	1.6
Listeriosis	Cases	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	1	0	0
	Rate	0.0	0.4	0.4	0.6	0.8	0.0	3.3	0.0	0.9	2.6	0.0	0.6	0.0	0.3	2.5	0.7	0.0	0.2	1.8	0.0
Malaria	Cases	0	1	1	1	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0
	Rate	1.3	1.1	2.8	1.8	0.0	1.0	0.0	0.0	0.0	1.9	0.0	3.0	0.7	0.7	0.0	0.7	0.0	1.0	0.0	0.0
Measles	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	Rate	3.8	0.4	0.9	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	1.8	0.0
Meningococcal disease	Cases	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	1.9	1.3	1.7	1.2	1.4	4.8	2.4	4.3	2.7	1.3	1.6	2.4	0.7	3.4	0.0	1.4	0.0	2.0	5.3	1.3
Mumps	Cases	0	0	2	4	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0
	Rate	0.6	0.7	0.9	0.8	0.5	0.0	0.5	2.1	0.0	0.0	0.0	0.0	0.7	0.7	2.5	3.6	0.0	1.0	1.8	0.0
Paratyphoid fever	Cases	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	Rate	0.0	0.7	0.9	0.6	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.7	0.0	0.6	0.0	1.3
Pertussis	Cases	13	36	38	35	63	1	17	5	15	5	12	26	9	34	3	34	4	85	3	35
	Rate	67.6	62.0	66.2	70.7	123.4	89.2	103.7	284.2	146.8	65.0	272.1	147.2	223.8	216.3	324.9	393.0	401.2	245.4	106.1	100.4
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	Cases	2	3	1	3	0	0	2	1	0	0	0	1	0	0	0	0	0	0	0	0
	Rate	7.6	2.9	2.6	13.4	5.1	3.9	2.8	17.1	0.9	3.2	0.0	1.8	1.4	3.0	0.0	0.0	0.0	0.2	0.0	0.0
Rickettsial disease	Cases	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	1.3	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	0.0	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	0.0	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	0.4	0.0	0.0
Salmonellosis	Cases	3	11	10	9	10	4	4	0	1	5	0	3	1	4	2	3	0	18	1	16
	Rate	17.7	20.4	26.4	15.9	23.5	25.2	21.7	12.8	27.2	23.2	14.4	20.1	18.7	14.1	22.2	41.2	45.6	26.2	46.0	53.3
Shigellosis	Cases	1	3	1	7	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Rate	1.9	4.7	5.4	7.3	1.6	1.0	1.9	0.0	2.7	0.6	0.0	1.2	1.4	3.4	0.0	0.7	0.0	1.6	0.0	3.2
Tuberculosis disease	Cases	0	1	5	2	2	0	1	0	0	0	0	0	1	5	0	1	0	1	0	0
	Rate	1.9	7.6	12.5	7.5	6.2	3.9	5.2	4.3	5.4	12.9	1.6	3.5	8.3	9.1	0.0	10.0	0.0	3.6	1.8	2.3
Typhoid fever	Cases	0	1	3	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	1.8	2.8	5.3	0.3	1.0	0.9	0.0	0.0	0.0	0.0	0.0	2.8	0.7	0.0	0.0	0.0	1.0	0.0	0.3
VTEC/STEC infection	Cases	5	1	2	1	1	1	0	0	0	0	0	0	0	0	0	1	0	1	0	2
	Rate	11.4	2.7	1.7	2.2	6.5	1.9	5.7	2.1	9.1	3.2	0.0	0.6	0.7	0.7	0.0	2.1	6.1	4.4	5.3	5.2
Yersiniosis	Cases	1	2	3	4	0	2	3	1	2	0	0	0	0	2	0	0	0	6	3	1
	Rate	10.1	15.7	13.2	10.8	11.6	13.6	11.8	10.7	12.7	5.8	4.8	3.5	12.5	18.2	9.8	2.8	3.0	11.8	28.3	5.5

¹ These data are provisional

² Current rate is based on the cumulative total for the 12 months up to and including February 2013 expressed as cases per 100 000

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

National Notifiable Disease Surveillance Data February 2013

Disease	Current Year - 2013 ¹			Previous Year - 2012		
	February 2013 Cases	Cumulative total since 1 January	Current 12 Month Rate ²	February 2012 Cases	Cumulative total since 1 January	Current 12 Month Rate ²
Campylobacteriosis	518	1261	149.4	661	1659	166.6
Cryptosporidiosis	119	199	22.9	28	63	14.0
Dengue fever	7	22	2.0	5	8	0.9
Gastroenteritis ³	41	95	16.5	48	99	14.1
Giardiasis	149	301	37.8	175	339	42.5
Haemophilus influenzae type b	1	1	0.1	0	1	0.2
Hepatitis A	13	17	1.8	18	21	0.9
Hepatitis B ⁴	6	11	1.0	2	5	1.1
Hepatitis C ⁴	4	7	0.7	4	6	0.7
Invasive pneumococcal disease	23	50	11.2	18	41	12.4
Lead absorption	13	40	5.8	41	57	5.4
Legionellosis	13	33	3.4	13	34	3.4
Leptospirosis	3	12	2.4	4	16	1.8
Listeriosis	4	8	0.6	1	5	0.6
Malaria	7	14	1.1	2	4	1.0
Measles	1	1	0.4	17	51	14.1
Meningococcal disease	2	7	1.8	4	11	2.7
Mumps	8	11	0.7	1	5	1.1
Paratyphoid fever	4	6	0.5	7	7	0.4
Pertussis	473	1039	137.1	444	861	62.0
Rheumatic fever	13	18	3.7	17	31	4.0
Rickettsial disease	1	1	0.1	0	0	0.1
Rubella	0	0	0.1	1	1	0.5
Salmonellosis	105	254	24.6	114	246	24.0
Shigellosis	14	32	3.1	13	25	2.4
Tuberculosis disease	19	50	6.6	28	53	7.1
Typhoid fever	13	27	1.5	2	6	1.0
VTEC/STEC infection	15	35	3.5	11	26	3.1
Yersiniosis	30	72	11.5	30	76	11.4

¹ These data are provisional

² Rate is based on the cumulative total for the current year (12 months up to and including February 2013) 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 February: Chemical poisoning from the environment (2), Cholera (1), Cysticercosis (1), Decompression sickness (1), Hepatitis NOS (1), Hydatid disease (1), Taeniasis (1), Tetanus (1)

National Notifiable Disease Surveillance Data – Monthly totals for February 2013 and preceding 12 Months¹

Disease	Feb 2013	Jan 2013	Dec 2012	Nov 2012	Oct 2012	Sep 2012	Aug 2012	Jul 2012	Jun 2012	May 2012	Apr 2012	Mar 2012
Campylobacteriosis	518	743	707	707	663	552	531	327	342	521	455	557
Cryptosporidiosis	119	80	30	96	191	173	97	49	38	47	46	47
Dengue fever	7	15	3	4	4	10	6	16	5	5	7	8
Gastroenteritis ²	41	54	50	146	90	52	34	51	57	46	52	58
Giardiasis	149	152	114	137	130	102	139	140	129	160	154	171
Haemophilus influenzae type b	1	0	0	0	0	0	0	2	1	0	0	0
Hepatitis A	13	4	2	3	2	5	4	3	2	4	4	32
Hepatitis B ³	6	5	4	4	6	4	2	3	5	3	1	2
Hepatitis C ³	4	3	4	3	0	1	1	4	1	2	8	2
Invasive pneumococcal disease	23	27	26	34	41	66	73	64	52	30	31	30
Lead absorption	13	27	11	13	13	21	19	27	25	46	19	21
Legionellosis	13	20	21	22	6	9	5	7	15	4	13	15
Leptospirosis	3	9	7	6	8	8	15	9	9	14	15	2
Listeriosis	4	4	3	2	2	4	2	2	2	2	0	1
Malaria	7	7	6	4	1	3	4	4	6	1	4	1
Measles	1	0	0	0	0	0	0	0	1	1	10	5
Meningococcal disease	2	5	4	4	15	7	17	7	7	4	6	3
Mumps	8	3	2	2	2	4	4	1	2	1	1	2
Paratyphoid fever	4	2	0	3	1	1	3	2	1	0	2	2
Pertussis	473	566	570	601	537	559	570	451	508	545	320	379
Rheumatic fever	13	5	6	7	4	10	13	22	41	23	11	11
Rickettsial disease	1	0	0	1	0	0	1	0	2	0	0	0
Rubella	0	0	0	0	1	0	0	0	0	0	1	1
Salmonellosis	105	149	88	102	92	83	84	71	51	88	81	96
Shigellosis	14	18	6	9	9	8	5	15	10	15	12	18
Tuberculosis disease	19	31	16	33	36	20	25	28	21	23	26	15
Typhoid fever	13	14	5	7	4	1	4	4	3	3	4	4
VTEC/STEC infection	15	20	16	9	12	9	14	8	9	7	21	16
Yersiniosis	30	42	37	47	47	45	44	49	44	44	37	45

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