

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 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

- Cryptosporidiosis:** 80 cases of cryptosporidiosis were notified in January 2013 compared to 35 cases notified during the same month of the previous year (Figure 1). The cases ranged in age from 11 months to 62 years, with the highest numbers of cases in the 1-4 years (23 cases) followed by those in the 30-39 years (11 cases), and 5-9 years (10 cases) age groups. The highest numbers of cases were reported in Hawke's Bay (16 cases), Canterbury (10 cases), and Lakes and Waikato (8 cases each) DHBs. Among the cases where risk factor information was recorded, 54.8% (17/31) had recreational contact with water, 41.9% (13/31) had contact with faecal matter, 31.3% (10/32) had consumed food from a food premises, 31.0% (9/29) had consumed untreated water, 27.8% (10/36) had contact with farm animals, and 24.4% (10/41) attended school, pre-school or childcare. One *Cryptosporidium* outbreak involving two cases was reported in January.
- Dengue fever:** 14 cases of dengue fever were notified in January 2013, compared to three cases during the same month of last year. All of the cases had travelled overseas during the incubation period, and the countries visited were Australia, India, and Thailand (2 cases each), and Barbados, Cambodia, Columbia, Fiji, Indonesia, Malaysia, Samoa and Tonga (1 case each).
- Diphtheria:** One case of diphtheria was notified in January 2013, the case was subsequently made 'not a case' in February after further investigation.
- Measles:** One case of measles was notified in January 2013, the case was subsequently made 'not a case' in February after further investigation.
- Pertussis:** 566 cases of pertussis were notified in January 2013, compared with 572 cases notified the previous month and 417 cases in the same month of the previous year (Figure 2). Thirty-one cases were hospitalised and no deaths were reported. There were 161 (28.4%) cases laboratory-confirmed by isolation of *Bordetella pertussis* from the nasopharynx. A further 109 (19.3%) cases were laboratory-confirmed by PCR. The highest number of cases was from Canterbury DHB (96), followed by Waikato (61) and Waitemata (55) DHBs. The cases ranged in age from one month to 87 years, with 26.0% under 5 years old (including 51 cases aged less than 1 year). The highest numbers of cases occurred in the 1-4 years (96 cases), 40-49 years (88 cases), 30-39 years (65 cases), and 5-9 years (63 cases) age groups. The vaccination status was recorded for 293 (51.8%) cases. Of these, 92 were reported as not vaccinated, 32 received one dose of vaccine, 11 received two doses of vaccine, 102 received three or more doses (including 10 who had received all five doses), and 56 were reported as being vaccinated but no dose information was available. Of the

cases where the relevant information was recorded 44.2% (46/104) had contact with a laboratory-confirmed pertussis case, and 35.1% (54/154) attended school, pre-school or childcare. Six *B. pertussis* outbreaks involving 12 cases in total were reported in January.

- *Ross River virus infection*: Two cases of Ross River virus infection were notified in January 2013. One lab-confirmed case was a male in the 50-59 years age group from Canterbury DHB and was in Australia during the incubation period. The other case is still under investigation and laboratory results are pending.
- *Salmonellosis*: 148 cases of salmonellosis were notified in January 2013, compared with 89 cases notified in the previous month and 132 cases in the same month of the previous year. The highest number of cases was reported in the Auckland region (53 cases), followed by Canterbury DHB (15 cases). The cases ranged in age from three months to 86 years, with the highest number of cases in the 20-29 years (25 cases) and in the 1-4 years (24 cases) age groups. Twelve cases were hospitalised. The serotype involved was recorded for 140 (94.6%) cases. The most common serotypes were: *Salmonella* Typhimurium phage type RDNC-May06 (13 cases), *S. Saintpaul* (10 cases), and *S. Typhimurium* phage type 160 (8 cases). Two *Salmonella* outbreaks involving 32 cases in total were reported in January.
- *Shigellosis*: 18 cases of shigellosis were notified in January 2013 compared with six cases notified in the previous month and 12 cases in the same month of the previous year. Cases were from the following DHBs: Counties Manukau (7 cases), Auckland (5 cases), Southern (3 cases), Canterbury (2 cases) and Hutt Valley (1 case). The serotype involved was recorded for 17 (94.4%) cases: *Shigella flexneri* (5 cases), *S. sonnei* biotype a and *S. sonnei* biotype g (4 cases each), *S. boydii* 12, *S. dysenteriae* 2, *S. flexneri* 2a and *S. flexneri* 4a (1 case each). Overseas travel during the incubation period was recorded for 9 (50.0%) cases of which two cases did not travel. Countries visited included India (2 cases), Bangladesh, Ethiopia, Indonesia and Samoa (1 case each). The remaining case did not have the country visited recorded. One *Shigella* outbreak involving two cases was reported in January.
- *Taeniasis*: One confirmed case of taeniasis was notified in January 2013. The case was a male in the 40-49 years age group from Counties Manukau DHB and was in Thailand during the incubation period.
- *Typhoid fever*: 14 cases of typhoid fever were notified in January 2013, compared with four cases in the same month of the previous year. Cases were from the following DHBs: Counties Manukau (7 cases), Waitemata, Auckland, and Canterbury (2 cases each), and Hutt Valley (1 case). The highest number of cases occurred in the 20-29 years age group (5 cases). Seven cases were hospitalised. Travel history was recorded for nine (64.3%) of the cases, of which six reported travel during the incubation period. The countries visited were: India (3 cases), Samoa (2 cases), and Cambodia (1 case). The serotype involved was recorded for three cases: *Salmonella* Typhi E1a (2 cases) and *S. Typhi* (1 case).
- *VTEC/STEC infection*: 21 cases of VTEC/STEC infection were notified in January 2013, one of these cases has since been made 'not a case' after further investigation. This compares with 15 cases notified in the same month of the previous year. Cases were from the following DHBs: Waikato (5 cases), Northland, Waitemata, Auckland, Taranaki, and Capital and Coast (2 cases each), and Counties Manukau, Bay of Plenty, Hawke's Bay, South Canterbury and Southern (1 case each). The highest number of cases occurred in the 1-4 years age group (6 cases). Eight cases were hospitalised of which two had haemolytic uraemic syndrome. The serotype/organism was identified by the Enteric Reference Laboratory for 19 cases all of which were *Escherichia coli* O157:H7. Among the cases for which risk factor was recorded, 73.3% (11/15) had contact with animals, and 50.0% (7/14) had recreational contact with water.

2. Outbreaks

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

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
<i>Bordetella pertussis</i>	Waikato	4	10
<i>Campylobacter</i>	Whanganui	1	2
Carbon monoxide poisoning	Waikato	1	2
<i>Cryptosporidium</i>	Lakes	1	2
Gastroenteritis ¹	Auckland, Taranaki, Wairarapa, Canterbury, Southern	9	92
<i>Giardia</i>	Waikato	1	4
Norovirus ^{1,2}	Auckland, Tairāwhiti, Taranaki, MidCentral, Capital and Coast, Wairarapa, Canterbury, Southern, Hutt	26	536
<i>Salmonella</i> ¹	Southern	1	4
<i>Shigella</i>	Waitemata	1	2
Total		45	654

¹Includes outbreaks reported to PHSs prior to January 2013: norovirus (3), one reported in October, November and December; gastroenteritis (1) and *Salmonella* (1) outbreaks reported in December.

²One norovirus outbreak reported in Auckland DHB had an overseas exposure location (United Kingdom).

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

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
<i>Bordetella pertussis</i> ²	Waikato	2	2
Gastroenteritis ²	Waitemata, Auckland, Counties Manukau, Taranaki, Whanganui, Wairarapa, Nelson Marlborough, Southern, Hutt	19	78
<i>Giardia</i> ²	Waikato	2	-
Norovirus ²	Northland, MidCentral, Capital and Coast, Southern	4	45
<i>Salmonella</i> ¹	Nelson Marlborough	1	28
<i>Yersinia</i>	Southern	1	3
Total		29	156

¹Includes one *Salmonella* outbreak reported to PHSs prior to January 2013, reported in December.

²Interim outbreak 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 January 2013 (Table 3).

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

Disease	District Health Board	Age group (years)
Invasive pneumococcal disease	Lakes	70+ years
Tuberculosis disease – new case	Waikato	70+ years

4. Trends in selected diseases to January 2013

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

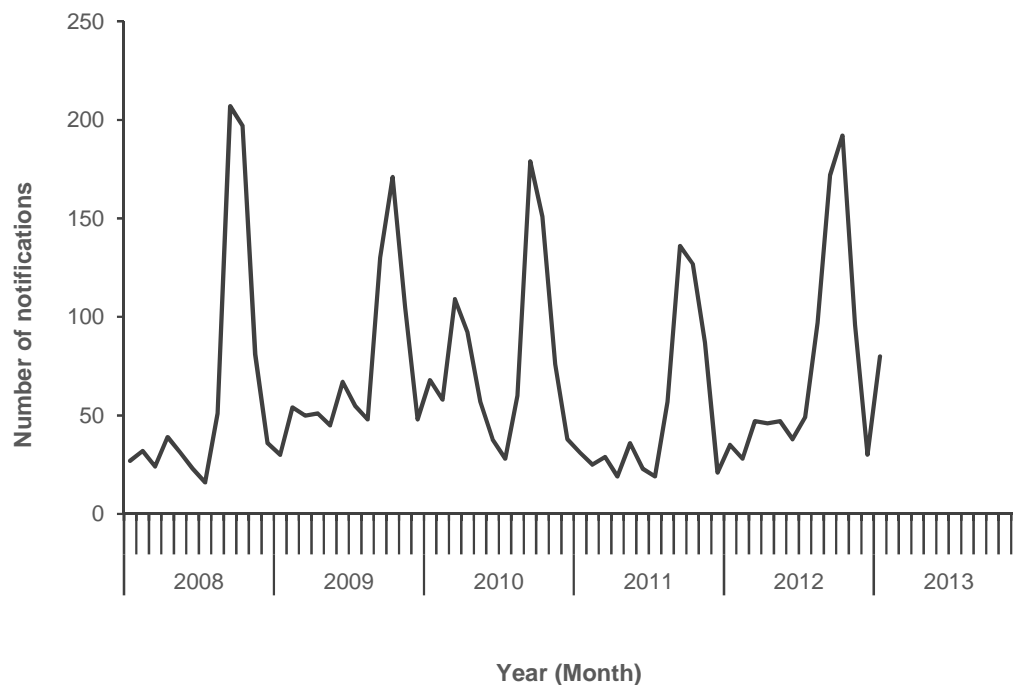
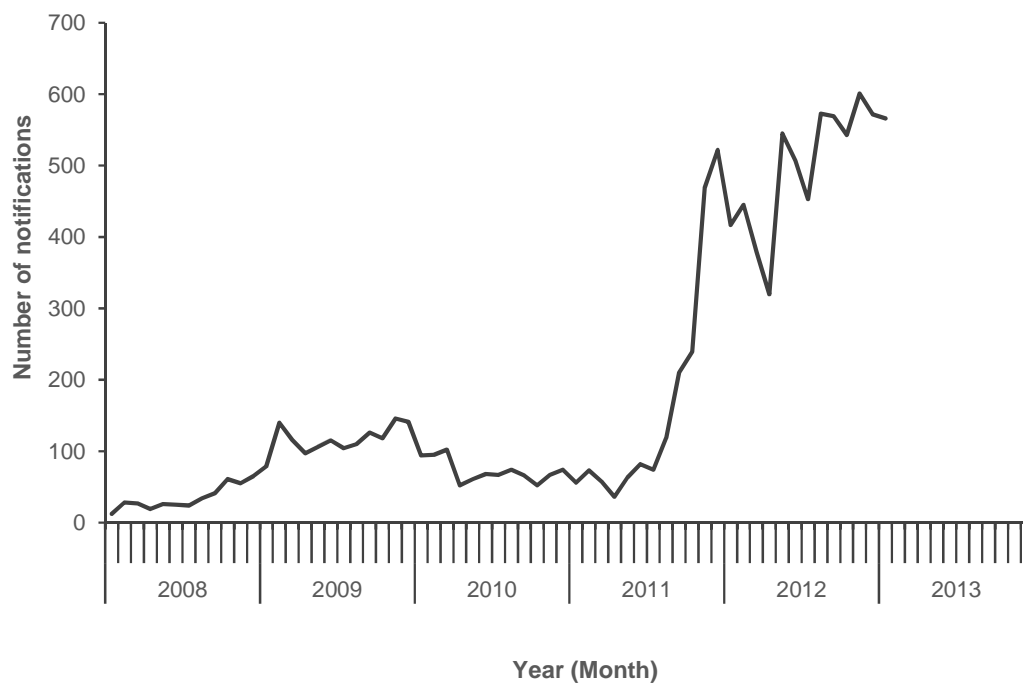


Figure 2: Pertussis notifications by month, January 2008 – January 2013



5. Data tables

National Notifiable Disease Surveillance Data January 2013

Disease	Current Year - 2013 ¹			Previous Year - 2012		
	January 2013 Cases	Cumulative total since 1 January	Current 12 Month Rate ²	January 2012 Cases	Cumulative total since 1 January	Current 12 Month Rate ²
Campylobacteriosis	742	742	152.8	998	998	162.0
Cryptosporidiosis	80	80	20.8	35	35	13.9
Dengue fever	14	14	2.0	3	3	1.0
Gastroenteritis ³	53	53	16.6	51	51	14.5
Giardiasis	151	151	38.5	164	164	43.7
Haemophilus influenzae type b	1	1	0.1	1	1	0.2
Hepatitis A	4	4	1.9	3	3	0.6
Hepatitis B ⁴	5	5	0.9	3	3	1.2
Hepatitis C ⁴	3	3	0.7	2	2	0.6
Invasive pneumococcal disease	27	27	11.1	23	23	12.4
Lead absorption	28	28	6.4	16	16	5.2
Legionellosis	21	21	3.4	21	21	3.7
Leptospirosis	11	11	2.5	12	12	1.8
Listeriosis	4	4	0.6	4	4	0.6
Malaria	7	7	1.0	2	2	1.1
Measles	1	1	0.8	34	34	14.1
Meningococcal disease	6	6	1.9	7	7	2.8
Mumps	3	3	0.6	4	4	1.2
Paratyphoid fever	2	2	0.5	0	0	0.3
Pertussis	566	566	136.5	417	417	53.6
Rheumatic fever	4	4	3.8	14	14	3.9
Salmonellosis	148	148	24.8	132	132	24.1
Shigellosis	18	18	3.1	12	12	2.4
Tuberculosis disease	31	31	6.9	25	25	6.9
Typhoid fever	14	14	1.2	4	4	1.0
VTEC/STEC infection	21	21	3.5	15	15	3.3
Yersiniosis	42	42	11.6	46	46	11.8

¹ These data are provisional

² Rate is based on the cumulative total for the current year (12 months up to and including January 2013) or the previous year (12 months up to and including January 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 January: Diphtheria (1), Leprosy (1), Paralytic shellfish poisoning (1), Ross River virus infection (2), Taeniasis (1)

Notifiable Disease Surveillance Data by District Health Board January 2013

		Cases ¹ and current rate ² for January 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	36	91	73	53	84	17	23	7	28	32	10	28	17	36	1	22	6	91	15	72
	Rate	152.2	133.7	111.6	92.9	182.3	150.3	120.2	102.6	207.6	185.3	142.4	120.6	113.0	135.6	145.2	198.3	218.8	211.4	309.5	212.4
Cryptosporidiosis	Cases	0	5	5	6	8	8	0	0	1	16	3	2	1	4	2	3	0	10	3	3
	Rate	22.1	8.1	6.1	8.3	50.5	27.2	9.9	2.1	26.3	41.2	9.6	15.4	20.8	38.0	39.4	10.7	30.4	19.0	86.6	26.6
Dengue fever	Cases	0	5	4	1	0	1	0	0	0	1	0	0	0	0	0	0	0	2	0	0
	Rate	1.3	2.9	4.8	2.4	0.5	1.0	1.4	2.1	0.0	0.6	0.0	3.0	0.7	3.0	0.0	0.0	0.0	1.4	0.0	1.9
Gastroenteritis	Cases	0	7	4	8	7	0	0	0	0	0	1	8	3	7	2	3	0	3	0	0
	Rate	0.6	15.9	25.3	9.3	13.2	22.3	19.8	6.4	10.0	0.6	17.6	74.5	31.2	27.6	12.3	12.8	21.3	9.6	3.5	3.6
Giardiasis	Cases	6	13	14	16	10	4	7	0	0	5	2	3	3	17	3	10	0	29	0	9
	Rate	28.4	36.7	53.0	26.6	42.1	59.2	46.2	17.1	33.5	37.3	14.4	11.8	34.0	43.7	46.8	49.8	21.3	40.4	37.1	43.2
Haemophilus influenzae type b	Cases	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.2	0.2	0.0	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	0	1	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	6.5	3.2	3.1	0.8	0.0	0.5	2.1	0.9	1.3	0.0	0.0	0.7	2.0	0.0	0.0	0.0	0.2	0.0	0.0
Hepatitis B	Cases	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	2	0	0
	Rate	0.6	0.9	0.6	1.2	0.8	1.0	0.9	4.3	0.9	0.6	0.0	1.2	0.0	0.7	0.0	1.4	0.0	1.6	0.0	0.6
Hepatitis C	Cases	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	Rate	0.0	0.0	0.2	0.2	0.3	0.0	0.0	0.0	2.7	1.3	0.0	0.0	0.0	1.0	0.0	1.4	0.0	1.2	3.5	3.9
Invasive pneumococcal	Cases	2	3	2	2	2	3	0	0	1	3	0	0	0	2	0	1	0	1	3	2
	Rate	13.9	7.0	11.5	13.6	11.9	14.5	17.0	6.4	13.6	14.8	8.0	5.3	8.3	10.4	24.6	14.9	3.0	8.0	14.1	11.7
Lead absorption	Cases	0	4	1	1	2	0	0	0	0	0	0	10	0	5	2	0	0	1	0	2
	Rate	1.3	6.9	14.5	8.5	3.0	2.9	3.3	4.3	6.3	1.9	11.2	9.5	8.3	7.4	19.7	2.1	6.1	2.4	5.3	5.2
Legionellosis	Cases	5	1	0	2	2	0	1	0	0	0	0	1	0	1	0	0	0	6	0	2
	Rate	6.3	3.6	3.9	2.4	2.4	0.0	0.9	0.0	0.0	0.6	1.6	3.0	0.7	1.7	0.0	2.8	3.0	10.0	3.5	3.6
Leptospirosis	Cases	1	0	0	0	1	0	0	0	2	1	1	0	0	1	0	1	0	1	0	2
	Rate	3.2	0.4	0.4	0.4	7.3	0.0	1.4	6.4	4.5	12.9	9.6	6.5	0.7	0.3	7.4	2.8	12.2	1.0	3.5	1.9
Listeriosis	Cases	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	1	0	0	0	0
	Rate	0.0	0.4	0.4	0.8	0.8	0.0	2.8	0.0	0.0	2.6	0.0	0.6	0.0	0.3	0.0	0.7	0.0	0.0	1.8	0.0
Malaria	Cases	0	1	0	1	0	0	0	0	0	1	0	2	0	0	0	0	0	2	0	0
	Rate	1.3	1.1	2.6	1.8	0.0	1.0	0.0	0.0	0.0	1.9	0.0	1.8	0.7	0.0	0.0	0.7	0.0	1.0	0.0	0.0
Measles	Cases	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	4.4	1.1	1.1	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.6	0.0	0.0
Meningococcal disease	Cases	0	1	1	1	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
	Rate	1.9	1.4	1.9	1.2	1.4	4.8	2.4	2.1	3.6	1.3	1.6	2.4	0.7	3.4	0.0	1.4	0.0	2.0	5.3	1.6
Mumps	Cases	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.7	0.6	0.0	0.5	0.0	0.5	2.1	0.0	0.0	0.0	0.0	0.7	0.7	2.5	2.1	0.0	1.0	1.8	0.0
Paratyphoid fever	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	1.7	0.4	0.0	0.0	0.5	0.0	0.0	0.6	0.0	0.0	0.0	0.3	0.0	0.7	0.0	0.6	0.0	1.3
Pertussis	Cases	26	55	31	26	61	4	27	14	24	3	9	22	17	33	16	40	8	96	15	39
	Rate	62.5	58.0	62.5	68.3	109.9	93.1	99.5	292.7	138.7	71.4	252.8	131.8	245.3	224.4	337.2	432.1	437.7	247.6	114.9	92.6
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	0	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	6.3	2.9	2.6	14.8	5.1	3.9	1.9	15.0	0.9	3.2	0.0	1.8	2.1	3.0	0.0	0.0	0.0	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	0.2	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	0.7	0.0	0.0	0.0	0.0	0.4	0.0	0.0
Salmonellosis	Cases	1	14	25	14	11	2	8	0	4	5	3	4	4	11	3	7	2	15	4	11
	Rate	17.7	21.5	27.3	15.5	24.6	22.3	19.8	12.8	27.2	20.6	17.6	19.5	22.2	15.8	17.2	40.5	48.6	27.0	51.3	51.3
Shigellosis	Cases	0	0	5	7	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0	3
	Rate	1.3	5.1	5.6	6.3	1.6	0.0	2.4	0.0	2.7	0.6	0.0	1.2	1.4	3.7	0.0	0.7	0.0	1.6	0.0	3.6
Tuberculosis disease	Cases	0	4	8	3	3	2	1	0	1	2	0	0	2	4	0	0	0	1	0	0
	Rate	1.9	7.6	13.2	9.1	6.5	3.9	5.7	4.3	5.4	13.5	1.6	3.5	7.6	7.7	0.0	9.2	3.0	3.6	1.8	2.9
Typhoid fever	Cases	0	2	2	7	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0	0
	Rate	0.0	1.6	2.4	3.7	0.0	1.0	0.9	0.0	0.0	0.6	0.0	0.0	2.8	0.7	0.0	0.0	0.0	1.0	0.0	0.3
VTEC/STEC infection	Cases	2	3	2	1	5	0	1	0	2	1	0	0	0	2	0	0	0	0	1	1
	Rate	8.8	2.7	1.3	2.2	7.0	1.9	7.5	2.1	9.1	3.2	0.0	0.6	0.7	0.7	0.0	2.1	6.1	4.2	5.3	4.5
Yersiniosis	Cases	0	7	4	3	5	3	3	0	1	2	0	0	0	2	0	0	0	9	1	2
	Rate	9.5	16.3	12.8	10.8	13.0	11.6	10.8	12.8	10.9	5.8	4.8	3.5	13.9	17.8	9.8	2.8	3.0	12.0	24.8	6.2

¹ These data are provisional

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

Cases¹ and current rate² for January 2013 by District Health Board³

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	36	91	73	53	84	17	23	7	28	32	10	28	17	36	1	22	6	91	15	72
	Rate	152.2	133.7	111.6	92.9	182.3	150.3	120.2	102.6	207.6	185.3	142.4	120.6	113.0	135.6	145.2	198.3	218.8	211.4	309.5	212.4
Cryptosporidiosis	Cases	0	5	5	6	8	8	0	0	1	16	3	2	1	4	2	3	0	10	3	3
	Rate	22.1	8.1	6.1	8.3	50.5	27.2	9.9	2.1	26.3	41.2	9.6	15.4	20.8	38.0	39.4	10.7	30.4	19.0	86.6	26.6
Dengue fever	Cases	0	5	4	1	0	1	0	0	0	1	0	0	0	0	0	0	0	2	0	0
	Rate	1.3	2.9	4.8	2.4	0.5	1.0	1.4	2.1	0.0	0.6	0.0	3.0	0.7	3.0	0.0	0.0	0.0	1.4	0.0	1.9
Gastroenteritis	Cases	0	7	4	8	7	0	0	0	0	0	1	8	3	7	2	3	0	3	0	0
	Rate	0.6	15.9	25.3	9.3	13.2	22.3	19.8	6.4	10.0	0.6	17.6	74.5	31.2	27.6	12.3	12.8	21.3	9.6	3.5	3.6
Giardiasis	Cases	6	13	14	16	10	4	7	0	0	5	2	3	3	17	3	10	0	29	0	9
	Rate	28.4	36.7	53.0	26.6	42.1	59.2	46.2	17.1	33.5	37.3	14.4	11.8	34.0	43.7	46.8	49.8	21.3	40.4	37.1	43.2
Haemophilus influenzae type b	Cases	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.2	0.2	0.0	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	0	1	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	6.5	3.2	3.1	0.8	0.0	0.5	2.1	0.9	1.3	0.0	0.0	0.7	2.0	0.0	0.0	0.0	0.2	0.0	0.0
Hepatitis B	Cases	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	2	0	0
	Rate	0.6	0.9	0.6	1.2	0.8	1.0	0.9	4.3	0.9	0.6	0.0	1.2	0.0	0.7	0.0	1.4	0.0	1.6	0.0	0.6
Hepatitis C	Cases	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	Rate	0.0	0.0	0.2	0.2	0.3	0.0	0.0	0.0	2.7	1.3	0.0	0.0	0.0	1.0	0.0	1.4	0.0	1.2	3.5	3.9
Invasive pneumococcal disease	Cases	2	3	2	2	2	3	0	0	1	3	0	0	0	2	0	1	0	1	3	2
	Rate	13.9	7.0	11.5	13.6	11.9	14.5	17.0	6.4	13.6	14.8	8.0	5.3	8.3	10.4	24.6	14.9	3.0	8.0	14.1	11.7
Lead absorption	Cases	0	4	1	1	2	0	0	0	0	0	0	10	0	5	2	0	0	1	0	2
	Rate	1.3	6.9	14.5	8.5	3.0	2.9	3.3	4.3	6.3	1.9	11.2	9.5	8.3	7.4	19.7	2.1	6.1	2.4	5.3	5.2
Legionellosis	Cases	5	1	0	2	2	0	1	0	0	0	0	1	0	1	0	0	0	6	0	2
	Rate	6.3	3.6	3.9	2.4	2.4	0.0	0.9	0.0	0.0	0.6	1.6	3.0	0.7	1.7	0.0	2.8	3.0	10.0	3.5	3.6
Leptospirosis	Cases	1	0	0	0	1	0	0	0	2	1	1	0	0	1	0	1	0	1	0	2
	Rate	3.2	0.4	0.4	0.4	7.3	0.0	1.4	6.4	4.5	12.9	9.6	6.5	0.7	0.3	7.4	2.8	12.2	1.0	3.5	1.9
Listeriosis	Cases	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	1	0	0	0	0
	Rate	0.0	0.4	0.4	0.8	0.8	0.0	2.8	0.0	0.0	2.6	0.0	0.6	0.0	0.3	0.0	0.7	0.0	0.0	1.8	0.0
Malaria	Cases	0	1	0	1	0	0	0	0	0	1	0	2	0	0	0	0	0	2	0	0
	Rate	1.3	1.1	2.6	1.8	0.0	1.0	0.0	0.0	0.0	1.9	0.0	1.8	0.7	0.0	0.0	0.7	0.0	1.0	0.0	0.0
Measles	Cases	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	4.4	1.1	1.1	2.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.6	0.0	0.0
Meningococcal disease	Cases	0	1	1	1	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0
	Rate	1.9	1.4	1.9	1.2	1.4	4.8	2.4	2.1	3.6	1.3	1.6	2.4	0.7	3.4	0.0	1.4	0.0	2.0	5.3	1.6
Mumps	Cases	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.7	0.6	0.0	0.5	0.0	0.5	2.1	0.0	0.0	0.0	0.0	0.7	0.7	2.5	2.1	0.0	1.0	1.8	0.0
Paratyphoid fever	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	1.7	0.4	0.0	0.0	0.5	0.0	0.0	0.6	0.0	0.0	0.0	0.3	0.0	0.7	0.0	0.6	0.0	1.3
Pertussis	Cases	26	55	31	26	61	4	27	14	24	3	9	22	17	33	16	40	8	96	15	39
	Rate	62.5	58.0	62.5	68.3	109.9	93.1	99.5	292.7	138.7	71.4	252.8	131.8	245.3	224.4	337.2	432.1	437.7	247.6	114.9	92.6
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	0	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	6.3	2.9	2.6	14.8	5.1	3.9	1.9	15.0	0.9	3.2	0.0	1.8	2.1	3.0	0.0	0.0	0.0	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	0.2	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	0.7	0.0	0.0	0.0	0.0	0.4	0.0	0.0
Salmonellosis	Cases	1	14	25	14	11	2	8	0	4	5	3	4	4	11	3	7	2	15	4	11
	Rate	17.7	21.5	27.3	15.5	24.6	22.3	19.8	12.8	27.2	20.6	17.6	19.5	22.2	15.8	17.2	40.5	48.6	27.0	51.3	51.3
Shigellosis	Cases	0	0	5	7	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0	3
	Rate	1.3	5.1	5.6	6.3	1.6	0.0	2.4	0.0	2.7	0.6	0.0	1.2	1.4	3.7	0.0	0.7	0.0	1.6	0.0	3.6
Tuberculosis disease	Cases	0	4	8	3	3	2	1	0	1	2	0	0	2	4	0	0	0	1	0	0
	Rate	1.9	7.6	13.2	9.1	6.5	3.9	5.7	4.3	5.4	13.5	1.6	3.5	7.6	7.7	0.0	9.2	3.0	3.6	1.8	2.9
Typhoid fever	Cases	0	2	2	7	0	0	0	0	0	0	0	0	1	0	0	0	0	2	0	0
	Rate	0.0	1.6	2.4	3.7	0.0	1.0	0.9	0.0	0.0	0.6	0.0	0.0	2.8	0.7	0.0	0.0	0.0	1.0	0.0	0.3
VTEC/STEC infection	Cases	2	3	2	1	5	0	1	0	2	1	0	0	0	2	0	0	0	0	1	1
	Rate	8.8	2.7	1.3	2.2	7.0	1.9	7.5	2.1	9.1	3.2	0.0	0.6	0.7	0.7	0.0	2.1	6.1	4.2	5.3	4.5
Yersiniosis	Cases	0	7	4	3	5	3	3	0	1	2	0	0	0	2	0	0	0	9	1	2
	Rate	9.5	16.3	12.8	10.8	13.0	11.6	10.8	12.8	10.9	5.8	4.8	3.5	13.9	17.8	9.8	2.8	3.0	12.0	24.8	6.2

¹ These data are provisional

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

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

National Notifiable Disease Surveillance Data January 2013

Disease	Current Year - 2013 ¹			Previous Year - 2012		
	January 2013 Cases	Cumulative total since 1 January	Current 12 Month Rate ²	January 2012 Cases	Cumulative total since 1 January	Current 12 Month Rate ²
Campylobacteriosis	742	742	152.8	998	998	162.0
Cryptosporidiosis	80	80	20.8	35	35	13.9
Dengue fever	14	14	2.0	3	3	1.0
Gastroenteritis ³	53	53	16.6	51	51	14.5
Giardiasis	151	151	38.5	164	164	43.7
Haemophilus influenzae type b	1	1	0.1	1	1	0.2
Hepatitis A	4	4	1.9	3	3	0.6
Hepatitis B ⁴	5	5	0.9	3	3	1.2
Hepatitis C ⁴	3	3	0.7	2	2	0.6
Invasive pneumococcal disease	27	27	11.1	23	23	12.4
Lead absorption	28	28	6.4	16	16	5.2
Legionellosis	21	21	3.4	21	21	3.7
Leptospirosis	11	11	2.5	12	12	1.8
Listeriosis	4	4	0.6	4	4	0.6
Malaria	7	7	1.0	2	2	1.1
Measles	1	1	0.8	34	34	14.1
Meningococcal disease	6	6	1.9	7	7	2.8
Mumps	3	3	0.6	4	4	1.2
Paratyphoid fever	2	2	0.5	0	0	0.3
Pertussis	566	566	136.5	417	417	53.6
Rheumatic fever	4	4	3.8	14	14	3.9
Salmonellosis	148	148	24.8	132	132	24.1
Shigellosis	18	18	3.1	12	12	2.4
Tuberculosis disease	31	31	6.9	25	25	6.9
Typhoid fever	14	14	1.2	4	4	1.0
VTEC/STEC infection	21	21	3.5	15	15	3.3
Yersiniosis	42	42	11.6	46	46	11.8

¹ These data are provisional

² Rate is based on the cumulative total for the current year (12 months up to and including January 2013) or the previous year (12 months up to and including January 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 January: Diphtheria (1), Leprosy (1), Paralytic shellfish poisoning (1), Ross River virus infection (2), Taeniasis (1)

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

Disease	Jan 2013	Dec 2012	Nov 2012	Oct 2012	Sep 2012	Aug 2012	Jul 2012	Jun 2012	May 2012	Apr 2012	Mar 2012	Feb 2012
Campylobacteriosis	742	712	710	664	553	531	327	342	521	455	557	661
Cryptosporidiosis	80	30	96	191	173	97	49	38	47	46	47	28
Dengue fever	14	4	4	4	10	6	16	5	5	7	8	5
Gastroenteritis ²	53	50	146	90	52	34	51	57	46	52	58	48
Giardiasis	151	116	136	131	103	139	140	130	160	154	171	175
Haemophilus influenzae type b	1	0	0	0	0	0	2	1	0	0	0	0
Hazardous substances injury	1	1	7	0	5	0	0	0	0	1	4	0
Hepatitis A	4	2	3	2	5	4	3	2	4	4	32	18
Hepatitis B ³	5	4	4	6	4	2	3	5	3	1	2	2
Hepatitis C ³	3	4	3	0	1	1	4	1	2	8	2	4
Invasive pneumococcal disease	27	26	34	41	66	73	64	52	30	31	30	18
Lead absorption	28	11	13	13	21	19	27	25	46	19	21	41
Legionellosis	21	22	22	6	9	5	7	15	4	13	15	13
Leptospirosis	11	8	6	9	9	15	9	9	15	15	2	4
Listeriosis	4	3	2	2	4	2	2	2	2	0	1	1
Malaria	7	6	4	1	3	4	4	6	1	4	1	2
Measles	1	0	0	0	0	0	0	1	1	10	5	17
Meningococcal disease	6	4	4	15	7	17	7	7	4	6	3	4
Mumps	3	2	3	2	4	4	1	1	1	1	2	1
Paratyphoid fever	2	0	3	1	1	3	2	1	0	2	2	7
Pertussis	566	572	601	537	560	570	451	507	545	320	379	443
Rheumatic fever	4	6	7	4	10	13	22	41	23	11	11	17
Rickettsial disease	0	0	1	0	0	1	0	2	0	0	0	0
Rubella	0	0	0	1	0	0	0	0	0	1	1	1
Salmonellosis	148	89	102	93	84	84	71	51	88	81	96	114
Shigellosis	18	6	9	9	8	5	15	10	15	12	18	13
Tuberculosis disease	31	16	33	37	20	25	29	21	23	26	15	28
Typhoid fever	14	5	7	4	1	4	4	3	3	4	4	2
VTEC/STEC infection	21	16	9	12	9	14	8	9	7	21	16	11
Yersiniosis	42	39	47	47	45	44	49	44	44	37	45	30

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