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 6 June 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.

Table of contents

1. Key notifiable disease trends

Brucellosis: One confirmed case of brucellosis was notified in May 2013. The case was a male in the 50-59 years age group from Auckland DHB and was in Tonga during the incubation period.

Chemical poisoning from the environment: One case of chemical poisoning still under investigation was notified in May 2013. The case was a female in the 50-59 years age group from Counties Manukau DHB who used an insecticide inside and outside the house.

Cryptosporidiosis: 133 cases of cryptosporidiosis were notified in May 2013 compared to 47 cases notified during the same month of the previous year (Figure 1). The cases ranged in age from eight months to 83 years, with the highest number of cases in the 1-4 years (34 cases) age group followed by those in the 30-39 years (25 cases), and 5-9 years (19 cases) age groups. The highest numbers of cases were reported from Capital & Coast (24 cases), Waikato (19 cases), and Waitemata (18 cases) DHBs. Among the cases where risk factor information was recorded, 49.2% (31/63) had recreational contact with water, 32.2% (19/59) had contact with other symptomatic people, 30.4% (17/56) had contact with faecal matter, 27.3% (15/55) had consumed food from a food premises and 26.1% (18/69) attended school, pre-school or childcare. Eight *Cryptosporidium* outbreaks were reported in May, including six finalised outbreaks (19 cases) and two interim outbreaks (case numbers yet to be determined).

Dengue fever: 14 cases of dengue fever were notified in May 2013 compared to five cases during the same month of the previous year. All of the cases had travelled overseas during the incubation period, and the countries visited were Indonesia (5 cases), Fiji, Papua New Guinea, Singapore and Thailand (2 cases each), and Australia, Malaysia, and Solomon Islands (1 case each). Some cases visited more than one country.

Leprosy: Two cases of leprosy were notified in May 2013. Both cases were overseas during the incubation period one each in Kiribati and Samoa.

Mumps: Six cases of mumps were notified in May 2013, two of these cases have since been found to not meet case criteria after further investigation. This compares to one case in the same month of the previous year. Cases were from Northland and Bay of Plenty DHBs (2 cases each). The cases ranged in age from 11 months to 12 years, with the majority of cases being under 10 years (3 cases) of age. Ethnicity was recorded for all but one case as follows, European or Other (2 cases) and Māori (1 case) ethnic groups. Of the three cases where vaccination status was recorded, two cases had been vaccinated against mumps with one case

having only received one dose of vaccine, and the other reported having been vaccinated, but no dose information was available.

Pertussis: 304 cases of pertussis were notified in May 2013 compared to 545 cases in the same month of the previous year (Figure 2). Seven cases were hospitalised and no deaths were reported. There were 63 (20.7%) cases laboratory-confirmed by isolation of *Bordetella pertussis* from the nasopharynx. A further 43 (14.1%) cases were laboratory-confirmed by PCR. The highest numbers of cases were reported from Nelson Marlborough (52 cases), Canterbury (50 cases), and Auckland (26 cases) DHBs. The cases ranged in age from 25 days to 88 years, with 21.8% under 5 years old (including 18 cases aged less than 1 year). The highest number of cases occurred in the 1-4 years age group (48 cases) followed by the 40-49 years (42 cases), and 30-39 years (39 cases) age groups. The vaccination status was recorded for 166 (54.6%) of cases. Of these, 65 were reported as not vaccinated, 16 received one dose of vaccine, three received two doses of vaccine, 58 received three or more doses (including 10 who had received all five doses), and 24 were reported as being vaccinated but no dose information was available. Of the cases where the relevant information was recorded 37.3% (81/217) attended school, pre-school or childcare, and 35.6% (42/118) had contact with a laboratory-confirmed pertussis case. Two *B. pertussis* outbreaks were reported in May, including one finalised outbreak (3 cases) and one interim outbreak (case numbers yet to be determined).

Rickettsial disease: One case of rickettsial disease, scrub typhus, was notified in May 2013. The case was a male in the 60-69 years age group from Waikato DHB and was in Indonesia during the incubation period.

Taeniasis: One confirmed case of taeniasis was notified in May 2013. The case was a female in the 20-29 years age group from Counties Manukau DHB and was in Afghanistan during the incubation period.

VTEC/STEC infection: 35 cases of VTEC/STEC infection were notified in May 2013, two of these cases have since been found to not meet case criteria after further investigation. Seven cases were notified in the same month of the previous year. The highest numbers of cases was reported from Waitemata (9 cases), Auckland (5 cases), and Canterbury (4 cases) DHBs. The highest number of cases occurred in the 1-4 years age group (14 cases). Fifteen cases were hospitalised of which two had haemolytic uraemic syndrome. 32 cases were confirmed by the Enteric Reference Laboratory as being infected with VTEC/STEC. The serotype was identified as O157:H7 (29 cases) and non-O157 (3 cases). Among the cases for whom risk factor was recorded, 72.7% (8/11) had contact with animals, 50.0% (5/10) had consumed water from a non-habitual supply, and 41.7% (5/12) had attended school, pre-school or childcare. Two finalised *E. coli* O157:H7 outbreaks were reported in May involving eight cases.

2. Outbreaks

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

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
Bordetella pertussis	Southern	1	3
Campylobacter	Auckland, Waikato	2	4
Cryptosporidium	Waikato	6	19
Escherichia coli O157:H7[1]	Waitemata	2	8
Gastroenteritis	Northland, Auckland, Taranaki, MidCentral	5	18
Giardia[2]	Waikato	3	12
Mycobacterium tuberculosis	Capital & Coast	1	3
Norovirus	Taranaki, MidCentral Capital & Coast	3	101
Salmonella	MidCentral	1	2
Total		**24**	**170**

[1] Includes two *E. coli* O157:H7 outbreaks reported to PHSs prior to May 2013, both reported in April.

[2] Includes one *Giardia* outbreak with an overseas transmission (Fiji).

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

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
Bordetella pertussis[1]	Capital & Coast	1	-
Campylobacter[1]	Waikato, Capital & Coast	2	-
Cryptosporidium[2]	Auckland, Waikato	2	4
Gastroenteritis[2]	Waitemata, Auckland, Waikato, MidCentral, Southern, Capital & Coast	19	103
Giardia	Auckland	1	3
Norovirus	Northland	1	22
Shigella	Waitemata	1	3
Total		**27**	**135**

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

[2]Includes 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 May 2013 (Table 3).

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

Disease	District Health Board	Age group (years)
Meningococcal disease	Bay of Plenty	20 to 29 years
Meningococcal disease	Lakes	60 to 69 years

4. Trends in selected diseases to May 2013

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

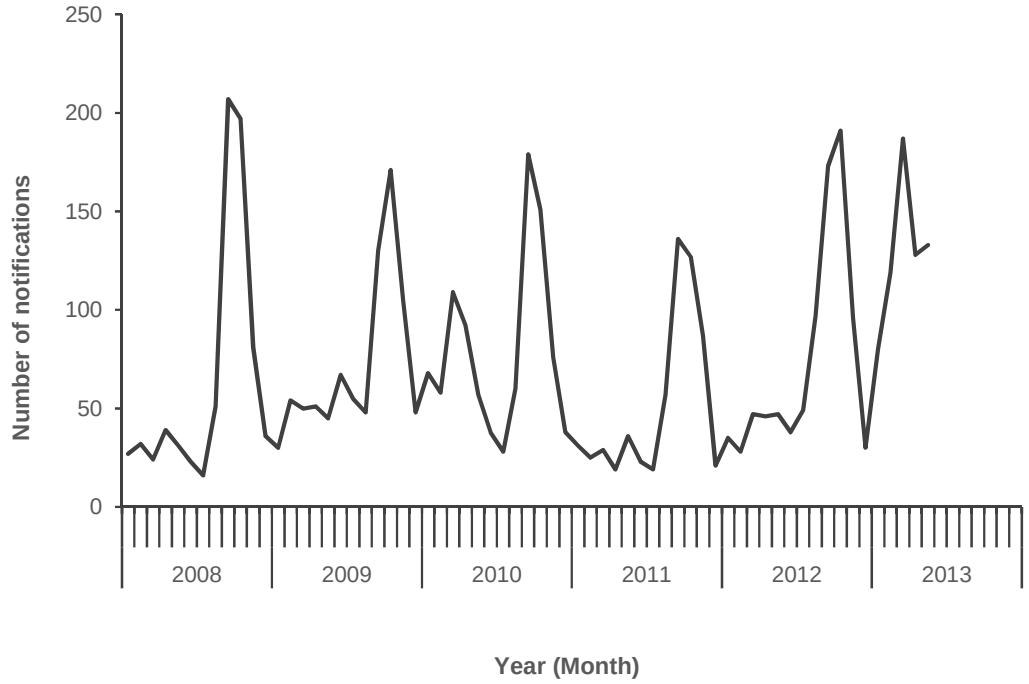
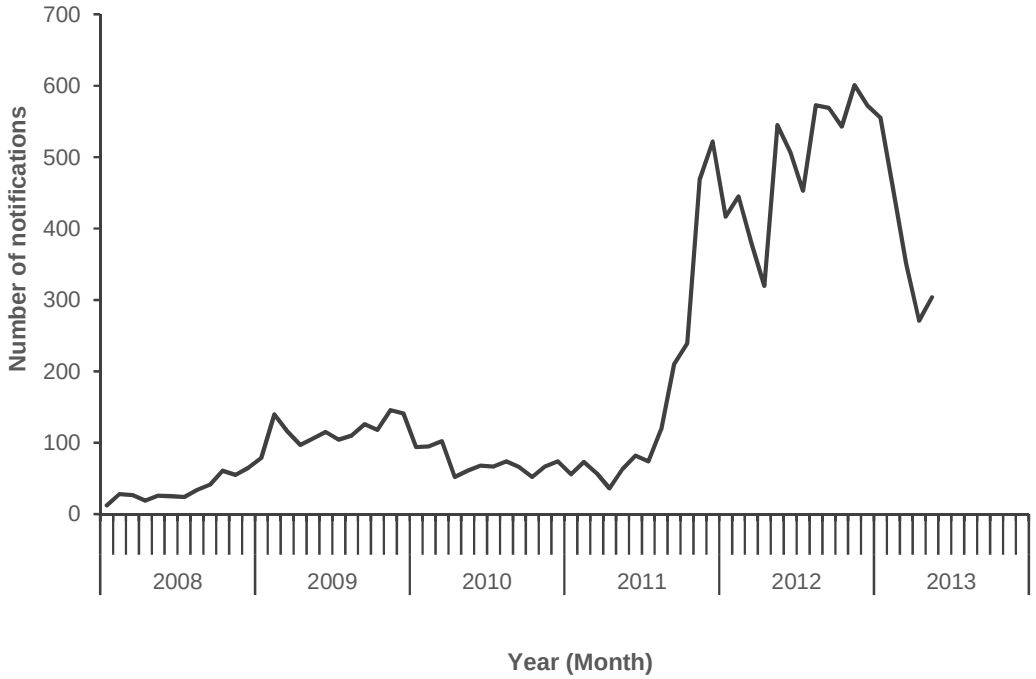


Figure 2: Pertussis notifications by month, January 2008 – May 2013



5. Data tables

National Notifiable Disease Surveillance Data May 2013

Disease	Current Year - 2013[1]			Previous Year - 2012		
	May 2013 Cases	Cumulative total since 1 January	Current 12 Month Rate[2]	May 2012 Cases	Cumulative total since 1 January	Current 12 Month Rate[2]
Campylobacteriosis	400	2357	139.5	521	3192	170.4
Cryptosporidiosis	133	647	29.8	47	203	15.3
Dengue fever	14	46	2.1	5	28	1.2
Gastroenteritis[3]	39	215	15.7	46	255	13.4
Giardiasis	162	755	37.1	160	824	41.3
Haemophilus influenzae type b	3	5	0.2	0	1	0.2
Hepatitis A	3	37	1.3	4	61	1.7
Hepatitis B[4]	6	13	0.9	3	11	0.9
Hepatitis C[4]	3	17	0.7	2	18	0.8
Invasive pneumococcal disease	34	141	11.2	30	132	12.3
Lead absorption	14	111	5.4	46	143	5.7
Legionellosis	11	63	3.3	4	66	3.6
Leptospirosis	15	37	2.2	13	46	2.0
Listeriosis	1	11	0.6	2	8	0.5
Malaria	2	21	1.1	1	10	1.0
Measles	1	2	0.1	1	67	13.8
Meningococcal disease	4	25	1.9	4	24	2.5
Mumps	6	19	0.8	1	9	0.9
Paratyphoid fever	5	15	0.6	0	11	0.4
Pertussis	304	1935	129.3	545	2105	86.7
Rheumatic fever	17	72	3.9	23	76	4.1
Rickettsial disease	1	4	0.2	0	0	0.1
Rubella	2	2	0.1	0	3	0.4
Salmonellosis	90	548	25.2	88	511	22.6
Shigellosis	9	71	3.0	15	70	3.0
Tuberculosis disease	31	122	6.8	23	117	6.4
Typhoid fever	0	32	1.3	3	17	0.9
VTEC/STEC infection	35	140	4.9	7	70	2.8
Yersiniosis	33	177	11.0	44	202	12.1

[1] These data are provisional

[2] Rate is based on the cumulative total for the current year (12 months up to and including May 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 May: Brucellosis (1), Chemical poisoning from the environment (1), Leprosy (2), Taeniasis (1), Toxic shellfish poisoning (1)

Notifiable Disease Surveillance Data by District Health Board May 2013

		Cases[1] and current rate[2] for May 2013 by District Health Board[3]																			
Disease		Northland	Waitemata	Auckland	Counties Manukau	Waikato	Lakes	Bay of Plenty	Tairawhiti	Taranaki	Hawke's Bay	Whanganui	MidCentral	Hutt Valley	Capital and Coast	Wairarapa	Nelson Marlborough	West Coast	Canterbury	South Canterbury	Southern
Campylobacteriosis	Cases	8	51	28	30	44	14	13	1	7	16	10	29	11	32	7	6	2	50	13	28
	Rate	132.0	126.4	106.2	88.0	176.6	152.3	107.0	100.4	192.2	166.7	142.4	125.3	103.3	126.2	130.4	155.7	203.6	175.8	284.7	187.8
Cryptosporidiosis	Cases	2	18	9	9	19	8	2	0	1	10	2	3	6	24	0	2	0	12	1	5
	Rate	19.6	12.6	10.2	9.6	75.6	59.2	20.3	6.4	35.4	99.7	19.2	23.0	30.5	49.1	41.8	16.3	27.4	21.6	84.9	31.5
Dengue fever	Cases	2	1	3	3	0	0	3	0	0	0	0	0	1	0	0	0	0	0	1	0
	Rate	2.5	2.9	5.2	2.2	0.3	1.9	2.4	2.1	0.0	0.6	0.0	1.8	1.4	3.4	2.5	0.7	0.0	1.6	1.8	1.0
Gastroenteritis	Cases	0	5	5	2	2	0	0	0	0	0	0	15	6	4	0	0	0	0	0	0
	Rate	0.6	13.9	21.4	9.1	11.9	14.5	14.6	6.4	8.2	1.3	20.8	72.1	40.2	29.6	17.2	10.0	21.3	8.2	3.5	5.2
Giardiasis	Cases	1	15	21	18	19	5	10	0	7	5	1	3	5	18	1	11	2	10	0	10
	Rate	29.1	29.6	46.1	30.7	44.0	57.2	40.1	10.7	29.9	38.6	22.4	13.0	36.0	50.1	36.9	41.9	39.5	39.0	28.3	40.9
Haemophilus	Cases	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
influenzae type b	Rate	0.0	0.4	0.4	0.2	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	0.3
Hepatitis A	Cases	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	Rate	0.6	1.6	0.9	2.0	0.5	0.0	0.9	2.1	0.9	0.6	1.6	0.6	0.7	1.7	0.0	0.0	0.0	3.8	0.0	0.0
Hepatitis B	Cases	0	0	2	1	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0
	Rate	0.6	0.9	1.3	1.2	1.1	1.0	1.4	2.1	0.9	0.0	0.0	0.0	0.7	0.7	0.0	0.7	0.0	1.6	0.0	0.3
Hepatitis C	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0
	Rate	0.0	0.0	0.2	0.0	0.3	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.7	1.0	0.0	1.4	0.0	1.8	3.5	2.3
Invasive	Cases	2	5	1	1	3	4	3	1	0	2	2	0	1	2	0	0	1	2	2	2
pneumococcal	Rate	15.2	7.8	8.7	14.0	10.0	18.4	19.3	8.5	12.7	15.4	11.2	6.5	6.9	10.4	27.1	13.5	6.1	8.6	15.9	12.3
Lead absorption	Cases	0	3	4	1	0	0	1	0	1	1	1	0	0	0	0	0	1	0	0	1
	Rate	3.2	7.4	8.7	6.9	3.5	1.9	4.2	6.4	5.4	1.3	8.0	10.0	4.2	4.4	19.7	2.1	12.2	2.4	5.3	4.2
Legionellosis	Cases	1	2	0	3	0	0	0	0	0	0	0	2	0	0	0	0	1	2	0	0
	Rate	3.2	2.2	3.0	3.5	2.4	0.0	2.4	0.0	0.0	1.3	1.6	3.0	1.4	1.3	0.0	2.1	6.1	10.4	5.3	2.9
Leptospirosis	Cases	0	0	0	1	1	0	2	0	2	1	1	0	0	0	0	3	1	2	0	1
	Rate	3.2	0.0	0.2	0.4	6.2	0.0	4.2	4.3	5.4	9.0	8.0	4.7	0.0	0.0	7.4	2.8	6.1	1.2	5.3	1.9
Listeriosis	Cases	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.7	0.4	0.8	0.5	0.0	3.3	0.0	0.9	1.3	0.0	0.6	0.0	0.3	2.5	0.7	0.0	0.2	1.8	0.0
Malaria	Cases	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	Rate	1.3	1.4	2.4	1.6	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	1.4	0.0	0.0
Measles	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	0.3	0.0	0.0	0.0	0.2	0.0	0.0
Meningococcal	Cases	0	0	0	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0
disease	Rate	2.5	1.1	1.7	1.0	1.4	5.8	2.4	4.3	3.6	0.6	1.6	3.0	2.1	2.7	0.0	1.4	0.0	2.6	5.3	1.6
Mumps	Cases	2	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1
	Rate	3.2	0.5	0.6	0.4	0.5	1.0	1.4	2.1	0.0	0.0	0.0	0.0	1.4	0.3	2.5	3.6	0.0	0.8	1.8	0.6
Paratyphoid fever	Cases	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.9	1.7	0.4	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.7	0.3	0.0	0.7	0.0	0.4	1.8	1.3
Pertussis	Cases	23	10	26	12	17	5	11	4	7	6	3	17	12	19	1	52	5	50	2	22
	Rate	84.0	58.5	67.9	62.4	133.9	76.6	113.6	239.3	154.1	52.8	284.9	151.3	208.6	180.3	300.3	353.2	285.7	212.6	127.3	111.4
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	0	2	2	3	3	1	1	0	0	1	0	0	0	2	0	0	0	2	0	0
	Rate	7.6	2.7	3.7	14.0	4.9	6.8	2.4	10.7	0.9	3.9	1.6	0.6	1.4	2.7	0.0	0.0	0.0	0.4	0.0	0.3
Rickettsial disease	Cases	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	1.9	0.2	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	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	2	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	0.6	0.0	0.0
Salmonellosis	Cases	11	12	6	6	5	1	1	2	2	4	1	4	0	5	1	4	0	13	1	11
	Rate	25.3	20.6	27.9	15.0	21.1	22.3	20.3	23.5	29.9	22.5	17.6	21.3	17.3	16.5	22.2	44.1	36.5	26.4	46.0	56.5
Shigellosis	Cases	0	1	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	2.5	4.5	6.1	8.1	1.1	1.0	0.5	0.0	2.7	0.6	0.0	1.2	2.8	2.0	0.0	0.7	0.0	1.0	0.0	2.3
Tuberculosis disease	Cases	0	0	5	11	1	2	2	0	0	0	0	1	1	4	0	0	0	3	0	1
	Rate	2.5	6.9	12.8	9.8	5.9	6.8	5.2	4.3	5.4	9.7	1.6	4.1	9.7	9.1	0.0	7.1	0.0	4.0	1.8	2.6
Typhoid 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	1.3	3.0	4.5	0.3	1.0	0.5	0.0	0.0	0.0	0.0	0.0	2.1	0.7	0.0	0.0	0.0	1.0	0.0	0.6
VTEC/STEC infection	Cases	2	9	5	3	4	0	1	1	2	0	0	0	0	0	0	0	2	5	1	0
	Rate	8.2	5.1	3.9	4.5	13.5	2.9	4.2	2.1	10.0	0.6	0.0	1.8	0.7	1.0	2.5	2.8	12.2	5.6	5.3	4.2
Yersiniosis	Cases	0	2	2	3	5	2	4	1	1	0	0	0	0	2	0	0	0	10	1	0
	Rate	6.3	11.4	11.7	9.4	9.7	17.5	15.1	6.4	15.4	9.0	1.6	3.0	13.2	18.5	9.8	2.1	3.0	14.4	24.8	6.5

[1] These data are provisional

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

		Cases[1] and current rate[2] for May 2013 by District Health Board[3]																			
Disease		Northland	Waitemata	Auckland	Counties Manukau	Waikato	Lakes	Bay of Plenty	Tairawhiti	Taranaki	Hawke's Bay	Whanganui	MidCentral	Hutt Valley	Capital and Coast	Wairarapa	Nelson Marlborough	West Coast	Canterbury	South Canterbury	Southern
Campylobacteriosis	Cases	8	51	28	30	44	14	13	1	7	16	10	29	11	32	7	6	2	50	13	28
	Rate	132.0	126.4	106.2	88.0	176.6	152.3	107.0	100.4	192.2	166.7	142.4	125.3	103.3	126.2	130.4	155.7	203.6	175.8	284.7	187.8
Cryptosporidiosis	Cases	2	18	9	9	19	8	2	0	1	10	2	3	6	24	0	2	0	12	1	5
	Rate	19.6	12.6	10.2	9.6	75.6	59.2	20.3	6.4	35.4	99.7	19.2	23.0	30.5	49.1	41.8	16.3	27.4	21.6	84.9	31.5
Dengue fever	Cases	2	1	3	3	0	0	3	0	0	0	0	0	1	0	0	0	0	0	1	0
	Rate	2.5	2.9	5.2	2.2	0.3	1.9	2.4	2.1	0.0	0.6	0.0	1.8	1.4	3.4	2.5	0.7	0.0	1.6	1.8	1.0
Gastroenteritis	Cases	0	5	5	2	2	0	0	0	0	0	0	15	6	4	0	0	0	0	0	0
	Rate	0.6	13.9	21.4	9.1	11.9	14.5	14.6	6.4	8.2	1.3	20.8	72.1	40.2	29.6	17.2	10.0	21.3	8.2	3.5	5.2
Giardiasis	Cases	1	15	21	18	19	5	10	0	7	5	1	3	5	18	1	11	2	10	0	10
	Rate	29.1	29.6	46.1	30.7	44.0	57.2	40.1	10.7	29.9	38.6	22.4	13.0	36.0	50.1	36.9	41.9	39.5	39.0	28.3	40.9
Haemophilus influenzae type b	Cases	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Rate	0.0	0.4	0.4	0.2	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	0.3
Hepatitis A	Cases	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	Rate	0.6	1.6	0.9	2.0	0.5	0.0	0.9	2.1	0.9	0.6	1.6	0.6	0.7	1.7	0.0	0.0	0.0	3.8	0.0	0.0
Hepatitis B	Cases	0	0	2	1	0	0	2	0	0	0	0	0	1	0	0	0	0	0	0	0
	Rate	0.6	0.9	1.3	1.2	1.1	1.0	1.4	2.1	0.9	0.0	0.0	0.0	0.7	0.7	0.0	0.7	0.0	1.6	0.0	0.3
Hepatitis C	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0
	Rate	0.0	0.0	0.2	0.0	0.3	0.0	0.0	0.0	3.6	0.0	0.0	0.0	0.7	1.0	0.0	1.4	0.0	1.8	3.5	2.3
Invasive pneumococcal disease	Cases	2	5	1	1	3	4	3	1	0	2	2	0	1	2	0	0	1	2	2	2
	Rate	15.2	7.8	8.7	14.0	10.0	18.4	19.3	8.5	12.7	15.4	11.2	6.5	6.9	10.4	27.1	13.5	6.1	8.6	15.9	12.3
Lead absorption	Cases	0	3	4	1	0	0	1	0	1	1	1	0	0	0	0	0	1	0	0	1
	Rate	3.2	7.4	8.7	6.9	3.5	1.9	4.2	6.4	5.4	1.3	8.0	10.0	4.2	4.4	19.7	2.1	12.2	2.4	5.3	4.2
Legionellosis	Cases	1	2	0	3	0	0	0	0	0	0	0	2	0	0	0	0	1	2	0	0
	Rate	3.2	2.2	3.0	3.5	2.4	0.0	2.4	0.0	0.0	1.3	1.6	3.0	1.4	1.3	0.0	2.1	6.1	10.4	5.3	2.9
Leptospirosis	Cases	0	0	0	1	1	0	2	0	2	1	1	0	0	0	0	3	1	2	0	1
	Rate	3.2	0.0	0.2	0.4	6.2	0.0	4.2	4.3	5.4	9.0	8.0	4.7	0.0	0.0	7.4	2.8	6.1	1.2	5.3	1.9
Listeriosis	Cases	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.7	0.4	0.8	0.5	0.0	3.3	0.0	0.9	1.3	0.0	0.6	0.0	0.3	2.5	0.7	0.0	0.2	1.8	0.0
Malaria	Cases	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	Rate	1.3	1.4	2.4	1.6	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	1.4	0.0	0.0
Measles	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	0.3	0.0	0.0	0.0	0.2	0.0	0.0
Meningococcal disease	Cases	0	0	0	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0
	Rate	2.5	1.1	1.7	1.0	1.4	5.8	2.4	4.3	3.6	0.6	1.6	3.0	2.1	2.7	0.0	1.4	0.0	2.6	5.3	1.6
Mumps	Cases	2	0	0	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1
	Rate	3.2	0.5	0.6	0.4	0.5	1.0	1.4	2.1	0.0	0.0	0.0	0.0	1.4	0.3	2.5	3.6	0.0	0.8	1.8	0.6
Paratyphoid fever	Cases	0	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.9	1.7	0.4	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.7	0.3	0.0	0.7	0.0	0.4	1.8	1.3
Pertussis	Cases	23	10	26	12	17	5	11	4	7	6	3	17	12	19	1	52	5	50	2	22
	Rate	84.0	58.5	67.9	62.4	133.9	76.6	113.6	239.3	154.1	52.8	284.9	151.3	208.6	180.3	300.3	353.2	285.7	212.6	127.3	111.4
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	0	2	2	3	3	1	1	0	0	1	0	0	0	2	0	0	0	2	0	0
	Rate	7.6	2.7	3.7	14.0	4.9	6.8	2.4	10.7	0.9	3.9	1.6	0.6	1.4	2.7	0.0	0.0	0.0	0.4	0.0	0.3
Rickettsial disease	Cases	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	1.9	0.2	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	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	2	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	0.6	0.0	0.0
Salmonellosis	Cases	11	12	6	6	5	1	1	2	2	4	1	4	0	5	1	4	0	13	1	11
	Rate	25.3	20.6	27.9	15.0	21.1	22.3	20.3	23.5	29.9	22.5	17.6	21.3	17.3	16.5	22.2	44.1	36.5	26.4	46.0	56.5
Shigellosis	Cases	0	1	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	2.5	4.5	6.1	8.1	1.1	1.0	0.5	0.0	2.7	0.6	0.0	1.2	2.8	2.0	0.0	0.7	0.0	1.0	0.0	2.3
Tuberculosis disease	Cases	0	0	5	11	1	2	2	0	0	0	0	1	1	4	0	0	0	3	0	1
	Rate	2.5	6.9	12.8	9.8	5.9	6.8	5.2	4.3	5.4	9.7	1.6	4.1	9.7	9.1	0.0	7.1	0.0	4.0	1.8	2.6
Typhoid 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	1.3	3.0	4.5	0.3	1.0	0.5	0.0	0.0	0.0	0.0	0.0	2.1	0.7	0.0	0.0	0.0	1.0	0.0	0.6
VTEC/STEC infection	Cases	2	9	5	3	4	0	1	1	2	0	0	0	0	0	0	0	2	5	1	0
	Rate	8.2	5.1	3.9	4.5	13.5	2.9	4.2	2.1	10.0	0.6	0.0	1.8	0.7	1.0	2.5	2.8	12.2	5.6	5.3	4.2
Yersiniosis	Cases	0	2	2	3	5	2	4	1	1	0	0	0	0	2	0	0	0	10	1	0
	Rate	6.3	11.4	11.7	9.4	9.7	17.5	15.1	6.4	15.4	9.0	1.6	3.0	13.2	18.5	9.8	2.1	3.0	14.4	24.8	6.5

[1] These data are provisional

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

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

National Notifiable Disease Surveillance Data May 2013

Disease	Current Year - 2013[1]			Previous Year - 2012		
	May 2013 Cases	Cumulative total since 1 January	Current 12 Month Rate[2]	May 2012 Cases	Cumulative total since 1 January	Current 12 Month Rate[2]
Campylobacteriosis	400	2357	139.5	521	3192	170.4
Cryptosporidiosis	133	647	29.8	47	203	15.3
Dengue fever	14	46	2.1	5	28	1.2
Gastroenteritis[3]	39	215	15.7	46	255	13.4
Giardiasis	162	755	37.1	160	824	41.3
Haemophilus influenzae type b	3	5	0.2	0	1	0.2
Hepatitis A	3	37	1.3	4	61	1.7
Hepatitis B[4]	6	13	0.9	3	11	0.9
Hepatitis C[4]	3	17	0.7	2	18	0.8
Invasive pneumococcal disease	34	141	11.2	30	132	12.3
Lead absorption	14	111	5.4	46	143	5.7
Legionellosis	11	63	3.3	4	66	3.6
Leptospirosis	15	37	2.2	13	46	2.0
Listeriosis	1	11	0.6	2	8	0.5
Malaria	2	21	1.1	1	10	1.0
Measles	1	2	0.1	1	67	13.8
Meningococcal disease	4	25	1.9	4	24	2.5
Mumps	6	19	0.8	1	9	0.9
Paratyphoid fever	5	15	0.6	0	11	0.4
Pertussis	304	1935	129.3	545	2105	86.7
Rheumatic fever	17	72	3.9	23	76	4.1
Rickettsial disease	1	4	0.2	0	0	0.1
Rubella	2	2	0.1	0	3	0.4
Salmonellosis	90	548	25.2	88	511	22.6
Shigellosis	9	71	3.0	15	70	3.0
Tuberculosis disease	31	122	6.8	23	117	6.4
Typhoid fever	0	32	1.3	3	17	0.9
VTEC/STEC infection	35	140	4.9	7	70	2.8
Yersiniosis	33	177	11.0	44	202	12.1

[1] These data are provisional

[2] Rate is based on the cumulative total for the current year (12 months up to and including May 2013) or the previous year

[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 May: Brucellosis (1), Chemical poisoning from the environment (1), Leprosy (2), Taeniasis (1), Toxic shellfish poisoning (1)

EpiSurv data as at 6/06/2013 12:00:00 a.m.

National Notifiable Disease Surveillance Data - Monthly totals for May 2013 and preceding 12 Months[1]

Disease	May 2013	Apr 2013	Mar 2013	Feb 2013	Jan 2013	Dec 2012	Nov 2012	Oct 2012	Sep 2012	Aug 2012	Jul 2012	Jun 2012
Campylobacteriosis	400	323	385	514	735	707	707	663	552	531	327	342
Cryptosporidiosis	133	128	187	119	80	30	96	191	173	97	49	38
Dengue fever	14	6	7	6	13	3	4	4	10	6	16	5
Gastroenteritis[2]	39	36	42	42	56	50	146	90	52	34	51	57
Giardiasis	162	163	134	148	148	113	137	130	102	139	140	129
Haemophilus influenzae type b	3	1	0	1	0	0	0	0	0	0	2	1
Hepatitis A	3	18	2	11	3	2	3	2	5	4	3	2
Hepatitis B[3]	6	2	2	0	3	4	4	6	4	2	3	5
Hepatitis C[3]	3	2	6	3	3	4	2	0	1	1	4	1
Invasive pneumococcal disease	34	30	28	22	27	26	34	42	66	73	64	52
Lead absorption	14	25	33	12	27	11	13	13	21	19	27	25
Legionellosis	11	10	11	13	18	19	22	6	9	5	7	15
Leptospirosis	15	7	4	3	8	7	6	8	8	15	9	9
Listeriosis	1	0	2	4	4	3	2	2	4	2	2	2
Malaria	2	4	1	7	7	6	4	1	3	4	4	6
Measles	1	0	1	0	0	0	0	0	0	0	0	1
Meningococcal disease	4	7	7	2	5	4	4	15	7	17	7	7
Mumps	6	5	2	3	3	2	2	2	4	4	1	2
Paratyphoid fever	5	2	2	4	2	0	3	1	1	3	2	1
Pertussis	304	271	351	454	555	570	601	537	559	570	451	508
Rheumatic fever	17	18	17	15	5	6	5	4	10	13	21	41
Rickettsial disease	1	1	1	1	0	0	1	0	0	1	0	2
Rubella	2	0	0	0	0	0	0	1	0	0	0	0
Salmonellosis	90	108	97	103	150	88	102	91	83	84	71	51
Shigellosis	9	15	15	14	18	6	9	9	8	5	15	10
Tuberculosis disease	31	19	24	18	30	17	33	36	20	25	28	21
Typhoid fever	0	3	3	13	13	4	7	4	1	4	4	3
VTEC/STEC infection	35	46	27	12	20	16	9	12	9	14	8	9
Yersiniosis	33	32	42	28	42	36	47	47	45	44	49	44

[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