

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 July 2011. 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

- *Brucellosis*: One brucellosis case was notified in June 2011. The case was a male aged 20-29 years who had spent time on a farm in the United States of America during the incubation period for the disease.
- *Measles*: 52 cases of measles were notified in June 2011 (51 confirmed, 1 under investigation), compared to four cases notified in the previous month and no cases in the same month of the previous year (Figure 1). The remainder of this section relates to the 51 confirmed cases only. The cases were reported in Waitemata (37 cases), Hawke's Bay (8 cases), Auckland (5 cases) and Counties Manukau (1 case) DHBs. Cases were distributed as follows: 5-9 years (20), 1-4 years (11), 30-39 years (8), 20-29 years (3), 15-19 years (2) and <1 year (1) age groups. Three hospitalisations were reported. The immunisation information was recorded for 41 of the cases, with four cases reported as having been immunised. These four cases had received one dose of vaccine (two cases were older than four years, the current age by which two doses are recommended).
- *Mumps*: 14 cases of mumps were notified in June 2011 (4 confirmed, 3 probable, 7 under investigation), compared to three cases notified in the previous month and five cases in the same month of the previous year. The remainder of this section relates to the four confirmed and three probable cases only. The cases were reported in Nelson Marlborough (3 cases), Auckland, Bay of Plenty, Hawke's Bay, and Southern (1 case each) DHBs. Cases were distributed as follows: 5-9 years (3), 20-29 years (2), 50-59 years (1) and 70+ years (1) age groups. One hospitalisation was reported. Two cases had immunisation information recorded and one was reported as having been immunised, receiving one dose of vaccine. The case was older than four years, the current age by which two doses are recommended.
- *Pertussis*: 83 cases of pertussis were notified in June 2011, compared to 68 cases notified in the previous month and 68 cases in the same month of the previous year (Figure 2). Seventeen cases (20.5%) were laboratory confirmed; 15 by isolation of *Bordetella pertussis* from nasopharynx and two by PCR. The majority of the cases were reported in Capital and Coast (22), West Coast (15), and Canterbury (10) DHBs. The highest numbers of cases were in the 10-14 years (13), 5-9 years (11), 30-39 years (11) and 60-69 years (10) age groups. The immunisation information was recorded for 45 of the cases, with 36 cases reported as having been immunised. Of the 36

cases, dose information was recorded for six cases: five cases receiving five doses and one case receiving one dose. Of the 63 cases for which the relevant information was recorded, 32 (50.8%) attended school, pre-school or childcare. Twenty cases had contact with a laboratory confirmed pertussis case.

- *Rickettsial disease*: One case of murine typhus was notified in June 2011. The case was a female in the 60-69 years age group from Waitemata DHB, and required hospitalisation. The case reported being bitten by an insect and exposure to rodents.
- *Rubella*: Six cases of rubella were notified in June 2011 (3 confirmed, 3 under investigation), compared to one case notified in the previous month and no cases in the same month of the previous year. The remainder of this section relates to the three confirmed cases only. The cases were reported in Canterbury (2 cases) and Southern (1 case) DHBs. Cases were distributed as follows: 15-19 years, 20-29 years and 30-39 years (1 case each) age groups. Two cases had immunisation information recorded and one was reported as having been immunised, receiving one dose of vaccine. The case was older than four years, the current age by which two doses are recommended.
- *Taeniasis*: One confirmed case of taeniasis was notified in June 2011. The case had symptoms prior to arriving in New Zealand in 2002 from Ethiopia and was never treated.
- *Toxic shellfish poisoning - unspecified*: One probable case of toxic shellfish poisoning was notified in June 2011. The case had consumed mussel fritters from a food premises.

2. Outbreaks

Finalised outbreak reports: 23 outbreak reports were created and finalised in EpiSurv during June 2011 (Table 1).

Table 1: Summary of finalised outbreaks created in EpiSurv during June 2011

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
Acute respiratory infection ¹	Bay of Plenty	1	10
<i>Bordetella pertussis</i>	Waikato	1	4
Gastroenteritis ¹	Auckland, Waikato, Bay of Plenty, Hawke's Bay, Southern	6	62
<i>Giardia</i> ¹	Bay of Plenty	1	4
Norovirus ¹	Counties Manukau, Bay of Plenty, Hutt Valley, Capital and Coast, Nelson Marlborough, Canterbury, South Canterbury	10	154
<i>Salmonella</i> ²	Waikato	2	5
Sapovirus	Capital and Coast	1	16
<i>Shigella</i> ³	Waitemata	1	3
Total		23	258

¹Includes outbreaks reported to PHSs prior to June 2011: acute respiratory infection (1), gastroenteritis (1), *Giardia* (1) and norovirus (2), all reported to PHS in May 2011.

²One *Salmonella* outbreak reported in Waikato DHB had an overseas exposure location (Samoa).

³*Shigella* outbreak reported in Waitemata DHB had an overseas exposure location (Tonga).

Interim outbreak reports: 25 interim outbreaks were created in EpiSurv during June 2011 (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 June 2011

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
<i>Bordetella pertussis</i> ¹	Whanganui, Capital and Coast, West Coast	3	12
<i>Campylobacter</i>	Waikato	1	-
Gastroenteritis ¹	Auckland, Counties Manukau, Waikato, Bay of Plenty, Hutt Valley, Capital and Coast, Wairarapa, South Canterbury, Southern	15	23
<i>Giardia</i>	Waikato	1	2
Influenza-like-illness	Capital and Coast	1	-
Measles ¹	Auckland	1	-
Norovirus	Hutt Valley, Capital and Coast	2	5
<i>Salmonella</i> Typhi ²	Waitemata	1	4
Total		25	46

¹Includes outbreaks reported to PHSs prior to June 2011: gastroenteritis (2) one reported March and one reported in May 2011, and *Bordetella pertussis* (1), and measles (1), both reported to PHS in May 2011.

²*Salmonella* Typhi outbreak reported in Waitemata DHB had an overseas exposure location (Samoa).

3. Deaths from notifiable diseases

One death was reported in June 2011 from meningococcal disease (Table 3).

Table 3: Summary of deaths from notifiable diseases reported during June 2011

Disease	District Health Board	Age group (years)
Meningococcal disease	Waikato	30-39 years

4. Trends in selected diseases to June 2011

Figure 1: Measles notifications by month, January 2006 – June 2011

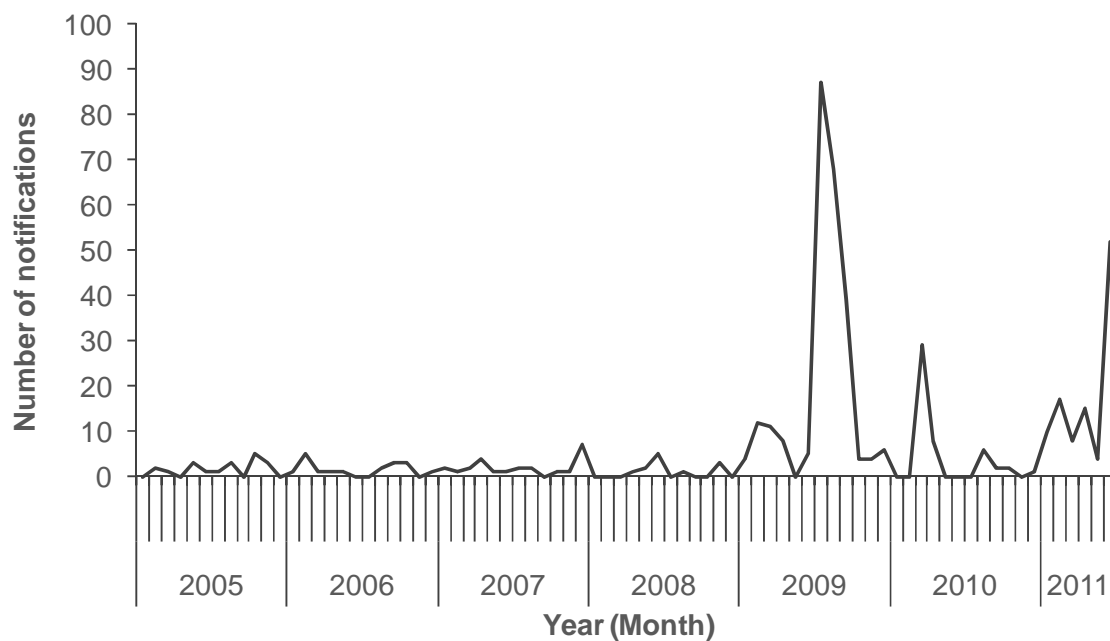
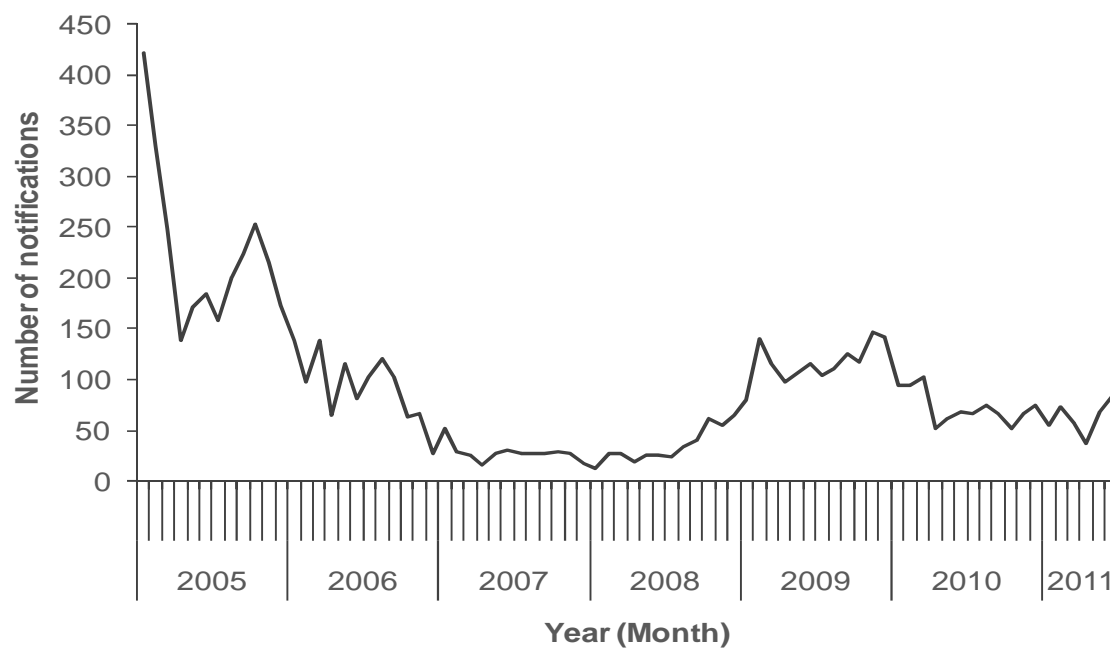


Figure 2: Pertussis notifications by month, January 2006 – June 2011



5. Data tables

National Notifiable Disease Surveillance Data June 2011

Disease	Current Year - 2011 ¹			Previous Year - 2010		
	June 2011 Cases	Cumulative total since 1 January	Current 12 Month Rate ²	June 2010 Cases	Cumulative total since 1 January	Current 12 Month Rate ²
Campylobacteriosis	423	2797	151.4	453	3531	175.4
Cryptosporidiosis	24	164	15.9	38	422	22.7
Dengue fever	3	20	1.1	5	22	1.1
Gastroenteritis ³	33	333	13.8	31	221	14.8
Giardiasis	142	1080	45.2	162	1090	42.8
Haemophilus influenzae type b	3	6	0.2	1	6	0.3
Hepatitis A	1	11	0.6	3	29	1.3
Hepatitis B ⁴	11	37	1.4	8	25	1.3
Hepatitis C ⁴	3	14	0.6	0	5	0.4
Invasive pneumococcal disease	67	211	12.0	51	220	14.7
Lead absorption	12	136	5.7	20	120	6.5
Legionellosis	14	89	4.6	13	63	2.2
Leptospirosis	8	40	1.7	3	44	1.9
Listeriosis	2	14	0.5	0	16	0.7
Malaria	10	29	1.1	4	25	1.2
Measles	52	106	2.7	0	37	5.7
Meningococcal disease	10	42	2.1	13	49	3.2
Mumps	14	34	1.2	5	24	1.4
Paratyphoid fever	1	9	0.4	2	10	0.5
Pertussis	83	373	17.7	68	472	28.2
Rheumatic fever	16	78	3.6	25	87	3.4
Rickettsial disease	1	2	0.3	0	3	0.2
Rubella	6	12	0.3	0	1	0.0
Salmonellosis	67	640	28.0	65	561	23.6
Shigellosis	7	48	2.1	19	63	2.5
Tuberculosis disease	27	179	7.6	28	154	7.1
Typhoid fever	4	25	0.8	1	20	0.6
VTEC/STEC infection	15	121	4.2	12	76	3.0
Yersiniosis	31	215	9.9	27	190	8.9

¹ These data are provisional

² Rate is based on the cumulative total for the current year (12 months up to and including June 2011) or the previous year (12 months up to and including June 2010), 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 June: Brucellosis (1) , Taeniasis (1) , Toxic shellfish poisoning (1)

Notifiable Disease Surveillance Data by District Health Board June 2011

		Cases ¹ and current rate ² for June 2011 by District Health Board ³																			
Disease		Northland	Waitemata	Auckland	CountiesManukau	Waikato	Lakes	Bay of Plenty	Tairāwhiti	Tairānaki	Hawke's Bay	Whangānui	MidCentral	Hutt Valley	Capital and Coast	Wairarapa	Nelson Marlborough	West Coast	Canterbury	South Canterbury	Southern
Campylobacteriosis	Cases	11	45	38	32	25	9	19	4	13	24	4	24	17	46	4	15	1	58	13	21
	Rate	123.3	135.7	124.8	97.4	181.4	163.7	135.7	77.4	178.5	199.0	106.0	132.2	158.6	175.1	166.3	162.9	146.7	176.7	218.4	200.8
Cryptosporidiosis	Cases	4	1	1	2	4	0	2	0	2	1	0	1	1	3	0	0	1	1	0	0
	Rate	26.7	8.6	8.4	5.7	38.4	13.6	9.0	12.9	29.3	23.2	6.3	10.8	13.9	9.3	19.9	7.2	21.4	18.5	84.1	19.8
Dengue fever	Cases	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	1.3	0.9	2.0	0.8	1.9	1.9	1.4	2.2	0.9	0.0	1.6	0.0	0.0	1.7	0.0	0.0	0.0	0.4	1.8	1.6
Gastroenteritis	Cases	0	5	1	2	2	1	1	1	0	0	0	1	4	9	0	0	0	4	0	2
	Rate	0.0	11.4	14.0	8.4	4.9	9.7	3.8	2.2	10.1	0.6	26.9	42.5	36.9	32.3	9.9	6.5	39.7	22.2	7.2	3.6
Giardiasis	Cases	4	17	11	8	15	8	8	3	1	5	1	1	8	13	0	3	1	13	3	19
	Rate	32.4	39.8	66.0	43.2	48.0	44.8	48.1	28.0	17.4	57.3	6.3	19.1	49.4	61.1	19.9	34.8	27.5	48.6	50.1	43.9
Haemophilus influenzae type b	Cases	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0
	Rate	0.0	0.2	0.2	0.0	0.0	0.0	0.5	0.0	1.8	1.3	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Hepatitis A	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	1.1	1.0	0.8	0.0	0.0	4.3	0.0	1.9	1.6	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0
Hepatitis B	Cases	0	1	2	0	0	2	0	3	0	0	0	0	1	0	0	0	0	1	1	0
	Rate	1.9	0.7	2.2	1.6	0.5	5.8	1.0	19.4	0.0	1.3	1.6	0.0	2.1	0.0	0.0	0.0	0.0	1.6	3.6	1.0
Hepatitis C	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
	Rate	0.0	0.6	0.2	0.4	0.0	0.0	0.0	0.0	0.0	1.3	0.0	1.2	0.7	1.4	0.0	0.0	0.0	1.4	1.8	1.0
Invasive pneumococcal	Cases	3	6	5	8	10	4	5	0	0	3	2	2	1	1	1	3	0	11	0	2
	Rate	13.3	10.4	9.3	17.1	14.0	23.4	12.9	6.5	10.1	18.0	14.2	7.8	15.3	5.1	7.4	7.2	3.1	11.4	7.2	14.5
Lead absorption	Cases	0	1	1	1	2	0	0	1	1	0	0	1	1	0	0	0	0	1	1	1
	Rate	1.9	6.9	10.7	6.3	3.6	0.0	2.4	2.2	6.4	7.7	9.5	5.4	12.5	3.1	5.0	2.9	6.1	2.8	10.7	6.9
Legionellosis	Cases	1	5	3	3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	Rate	4.4	4.8	3.3	3.9	1.9	1.0	3.3	0.0	0.9	1.3	1.6	0.6	2.1	1.4	2.5	4.3	6.1	14.4	0.0	7.6
Leptospirosis	Cases	0	2	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	1
	Rate	3.8	0.6	0.2	0.8	1.4	0.0	1.9	8.6	1.8	7.7	15.8	3.6	0.0	0.0	5.0	1.4	12.2	1.0	3.6	1.3
Listeriosis	Cases	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.4	0.7	0.4	0.5	1.0	1.0	0.0	0.9	0.0	1.6	0.0	2.1	0.3	0.0	0.0	3.1	0.2	0.0	0.0
Malaria	Cases	0	2	2	2	1	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0
	Rate	0.0	1.3	3.1	1.6	0.3	0.0	2.4	0.0	1.8	0.0	0.0	0.0	0.0	0.3	0.0	3.6	0.0	0.4	1.8	0.7
Measles	Cases	0	37	5	1	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	9.3	3.8	2.6	0.0	0.0	0.0	2.2	0.0	16.1	0.0	0.0	0.7	0.3	2.5	0.0	3.1	1.4	0.0	0.0
Meningococcal disease	Cases	0	1	0	2	3	0	0	0	0	0	0	1	0	0	0	1	0	2	0	0
	Rate	0.6	1.5	0.9	2.9	2.7	5.8	2.4	0.0	0.0	2.6	3.2	1.8	4.9	1.7	2.5	1.4	3.1	1.6	1.8	2.6
Mumps	Cases	0	0	2	1	0	0	1	0	0	1	1	0	0	1	0	5	0	1	0	1
	Rate	1.3	1.1	1.8	1.0	0.5	0.0	1.4	0.0	0.9	1.3	1.6	0.6	1.4	0.7	2.5	5.1	0.0	1.0	0.0	1.0
Paratyphoid fever	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	Rate	0.0	0.0	2.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0	0.6	0.0	1.0	0.0	0.0	3.1	0.0	0.0	0.0
Pertussis	Cases	1	2	2	2	1	1	2	4	1	5	1	1	2	22	0	7	15	10	0	4
	Rate	3.2	10.2	21.5	12.4	15.4	7.8	16.7	32.3	23.8	20.0	12.7	15.5	20.9	29.2	9.9	29.7	91.7	19.9	3.6	18.8
Rheumatic fever	Cases	3	0	3	4	1	0	1	0	0	0	0	1	1	0	0	2	0	0	0	0
	Rate	10.2	1.7	1.6	11.2	3.3	4.9	2.9	15.1	0.9	4.5	3.2	3.0	7.6	3.1	0.0	1.4	0.0	0.8	0.0	0.0
Rickettsial disease	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	0.2	0.2	1.6	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	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	3	0	1
	Rate	0.6	0.2	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.7	0.7	0.0	0.0	0.0	0.6	1.8	0.7
Salmonellosis	Cases	2	5	5	6	11	0	1	0	3	1	1	3	2	2	1	3	0	12	5	4
	Rate	23.5	22.0	26.0	15.3	28.3	21.4	17.1	30.1	22.0	25.8	20.6	19.1	22.3	21.6	42.2	36.2	27.5	34.2	60.9	70.9
Shigellosis	Cases	0	2	4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	Rate	3.2	4.7	3.8	3.1	1.9	0.0	1.9	0.0	0.0	1.9	0.0	0.0	0.0	1.7	0.0	0.0	0.0	1.0	1.8	1.0
Tuberculosis disease	Cases	0	1	7	6	1	0	2	0	0	1	0	4	1	2	0	0	0	1	1	0
	Rate	4.4	5.0	16.7	12.2	7.1	1.0	6.2	4.3	0.9	12.2	3.2	7.8	11.1	12.4	0.0	2.9	3.1	3.7	3.6	2.0
Typhoid fever	Cases	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	1.7	1.3	2.2	0.0	1.0	1.4	0.0	0.0	0.6	0.0	0.6	0.0	0.7	0.0	0.0	0.0	0.2	0.0	0.0
VTEC/STEC infection	Cases	2	2	4	0	3	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1
	Rate	7.0	3.5	2.9	3.5	9.6	9.7	4.3	17.2	5.5	5.2	1.6	1.8	2.8	1.7	7.4	1.4	9.2	3.3	5.4	2.0
Yersiniosis	Cases	0	4	5	0	3	1	1	1	1	1	0	0	2	4	0	1	1	2	0	4
	Rate	3.2	12.5	9.8	7.3	11.3	8.8	7.6	12.9	20.1	7.7	4.7	6.6	13.9	18.9	7.4	6.5	15.3	8.1	14.3	5.9

¹ These data are provisional

² Current rate is based on the cumulative total for the 12 months up to and including June 2011 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 June 2011

		Cases ¹ and current rate ² for June 2011 by District Health Board ³																			
Disease		Northland	Waitemata	Auckland	Courties 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	11	45	38	32	25	9	19	4	13	24	4	24	17	46	4	15	1	58	13	21
	Rate	123.3	135.7	124.8	97.4	181.4	163.7	135.7	77.4	178.5	199.0	106.0	132.2	158.6	175.1	166.3	162.9	146.7	176.7	218.4	200.8
Cryptosporidiosis	Cases	4	1	1	2	4	0	2	0	2	1	0	1	1	3	0	0	1	1	0	0
	Rate	26.7	8.6	8.4	5.7	38.4	13.6	9.0	12.9	29.3	23.2	6.3	10.8	13.9	9.3	19.9	7.2	21.4	18.5	84.1	19.8
Dengue fever	Cases	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	1.3	0.9	2.0	0.8	1.9	1.9	1.4	2.2	0.9	0.0	1.6	0.0	0.0	1.7	0.0	0.0	0.0	0.4	1.8	1.6
Gastroenteritis	Cases	0	5	1	2	2	1	1	1	0	0	0	1	4	9	0	0	0	4	0	2
	Rate	0.0	11.4	14.0	8.4	4.9	9.7	3.8	2.2	10.1	0.6	26.9	42.5	36.9	32.3	9.9	6.5	39.7	22.2	7.2	3.6
Giardiasis	Cases	4	17	11	8	15	8	8	3	1	5	1	1	8	13	0	3	1	13	3	19
	Rate	32.4	39.8	66.0	43.2	48.0	44.8	48.1	28.0	17.4	57.3	6.3	19.1	49.4	61.1	19.9	34.8	27.5	48.6	50.1	43.9
Haemophilus influenzae type b	Cases	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0
	Rate	0.0	0.2	0.2	0.0	0.0	0.0	0.5	0.0	1.8	1.3	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Hepatitis A	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	1.1	1.0	0.8	0.0	0.0	4.3	0.0	1.9	1.6	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0
Hepatitis B	Cases	0	1	2	0	0	2	0	3	0	0	0	0	1	0	0	0	0	1	1	0
	Rate	1.9	0.7	2.2	1.6	0.5	5.8	1.0	19.4	0.0	1.3	1.6	0.0	2.1	0.0	0.0	0.0	0.0	1.6	3.6	1.0
Hepatitis C	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0
	Rate	0.0	0.6	0.2	0.4	0.0	0.0	0.0	0.0	0.0	1.3	0.0	1.2	0.7	1.4	0.0	0.0	0.0	1.4	1.8	1.0
Invasive pneumococcal disease ⁴	Cases	3	6	5	8	10	4	5	0	0	3	2	2	1	1	1	3	0	11	0	2
	Rate	13.3	10.4	9.3	17.1	14.0	23.4	12.9	6.5	10.1	18.0	14.2	7.8	15.3	5.1	7.4	7.2	3.1	11.4	7.2	14.5
Lead absorption	Cases	0	1	1	1	2	0	0	1	1	0	0	1	1	0	0	0	0	1	1	1
	Rate	1.9	6.9	10.7	6.3	3.6	0.0	2.4	2.2	6.4	7.7	9.5	5.4	12.5	3.1	5.0	2.9	6.1	2.8	10.7	6.9
Legionellosis	Cases	1	5	3	3	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
	Rate	4.4	4.8	3.3	3.9	1.9	1.0	3.3	0.0	0.9	1.3	1.6	0.6	2.1	1.4	2.5	4.3	6.1	14.4	0.0	7.6
Leptospirosis	Cases	0	2	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	1
	Rate	3.8	0.6	0.2	0.8	1.4	0.0	1.9	8.6	1.8	7.7	15.8	3.6	0.0	0.0	5.0	1.4	12.2	1.0	3.6	1.3
Listeriosis	Cases	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.4	0.7	0.4	0.5	1.0	1.0	0.0	0.9	0.0	1.6	0.0	2.1	0.3	0.0	0.0	3.1	0.2	0.0	0.0
Malaria	Cases	0	2	2	2	1	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0
	Rate	0.0	1.3	3.1	1.6	0.3	0.0	2.4	0.0	1.8	0.0	0.0	0.0	0.0	0.3	0.0	3.6	0.0	0.4	1.8	0.7
Measles	Cases	0	37	5	1	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	9.3	3.8	2.6	0.0	0.0	0.0	2.2	0.0	16.1	0.0	0.0	0.7	0.3	2.5	0.0	3.1	1.4	0.0	0.0
Meningococcal disease	Cases	0	1	0	2	3	0	0	0	0	0	0	1	0	0	0	1	0	2	0	0
	Rate	0.6	1.5	0.9	2.9	2.7	5.8	2.4	0.0	0.0	2.6	3.2	1.8	4.9	1.7	2.5	1.4	3.1	1.6	1.8	2.6
Mumps	Cases	0	0	2	1	0	0	1	0	0	1	1	0	0	1	0	5	0	1	0	1
	Rate	1.3	1.1	1.8	1.0	0.5	0.0	1.4	0.0	0.9	1.3	1.6	0.6	1.4	0.7	2.5	5.1	0.0	1.0	0.0	1.0
Paratyphoid fever	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	Rate	0.0	0.0	2.0	0.0	0.0	3.9	0.0	0.0	0.0	0.0	0.0	0.6	0.0	1.0	0.0	0.0	3.1	0.0	0.0	0.0
Pertussis	Cases	1	2	2	2	1	1	2	4	1	5	1	1	2	22	0	7	15	10	0	4
	Rate	3.2	10.2	21.5	12.4	15.4	7.8	16.7	32.3	23.8	20.0	12.7	15.5	20.9	29.2	9.9	29.7	91.7	19.9	3.6	18.8
Rheumatic fever	Cases	3	0	3	4	1	0	1	0	0	0	0	1	1	0	0	2	0	0	0	0
	Rate	10.2	1.7	1.6	11.2	3.3	4.9	2.9	15.1	0.9	4.5	3.2	3.0	7.6	3.1	0.0	1.4	0.0	0.8	0.0	0.0
Rickettsial disease	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	0.2	0.2	1.6	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	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	3	0	1
	Rate	0.6	0.2	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.6	0.0	0.7	0.7	0.0	0.0	0.0	0.6	1.8	0.7
Salmonellosis	Cases	2	5	5	6	11	0	1	0	3	1	1	3	2	2	1	3	0	12	5	4
	Rate	23.5	22.0	26.0	15.3	28.3	21.4	17.1	30.1	22.0	25.8	20.6	19.1	22.3	21.6	42.2	36.2	27.5	34.2	60.9	70.9
Shigellosis	Cases	0	2	4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	Rate	3.2	4.7	3.8	3.1	1.9	0.0	1.9	0.0	0.0	1.9	0.0	0.0	0.0	1.7	0.0	0.0	0.0	1.0	1.8	1.0
Tuberculosis disease	Cases	0	1	7	6	1	0	2	0	0	1	0	4	1	2	0	0	0	1	1	0
	Rate	4.4	5.0	16.7	12.2	7.1	1.0	6.2	4.3	0.9	12.2	3.2	7.8	11.1	12.4	0.0	2.9	3.1	3.7	3.6	2.0
Typhoid fever	Cases	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	1.7	1.3	2.2	0.0	1.0	1.4	0.0	0.0	0.6	0.0	0.6	0.0	0.7	0.0	0.0	0.0	0.2	0.0	0.0
VTEC/STEC infection	Cases	2	2	4	0	3	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1
	Rate	7.0	3.5	2.9	3.5	9.6	9.7	4.3	17.2	5.5	5.2	1.6	1.8	2.8	1.7	7.4	1.4	9.2	3.3	5.4	2.0
Yersiniosis	Cases	0	4	5	0	3	1	1	1	1	1	0	0	2	4	0	1	1	2	0	4
	Rate	3.2	12.5	9.8	7.3	11.3	8.8	7.6	12.9	20.1	7.7	4.7	6.6	13.9	18.9	7.4	6.5	15.3	8.1	14.3	5.9

¹ These data are provisional

² Current rate is based on the cumulative total for the 12 months up to and including June 2011 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 June-2011 by District Health Board

Disease	Cases for the 12 months ending June 2011 ^{1 2} by District Health Board																				
	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	6612	194	729	562	478	661	168	285	36	195	309	67	221	228	510	67	225	48	898	122	609
Cryptosporidiosis	696	42	46	38	28	140	14	19	6	32	36	4	18	20	27	8	10	7	94	47	60
Dengue fever	48	2	5	9	4	7	2	3	1	1	0	1	0	0	5	0	0	0	2	1	5
Gastroenteritis	603	0	61	63	41	18	10	8	1	11	1	17	71	53	94	4	9	13	113	4	11
Giardiasis	1975	51	214	297	212	175	46	101	13	19	89	4	32	71	178	8	48	9	247	28	133
Haemophilus influenzae type b	8	0	1	1	0	0	0	1	0	2	2	0	0	0	1	0	0	0	0	0	0
Hepatitis A	28	0	1	5	5	3	0	0	2	0	3	1	0	0	3	0	0	0	5	0	0
Hepatitis B	63	3	4	10	8	2	6	2	9	0	2	1	0	3	0	0	0	0	8	2	3
Hepatitis C	26	0	3	1	2	0	0	0	0	0	2	0	2	1	4	0	0	0	7	1	3
Invasive pneumococcal disease	526	21	56	42	84	51	24	27	3	11	28	9	13	22	15	3	10	1	58	4	44
Lead absorption	248	3	37	48	31	13	0	5	1	7	12	6	9	18	9	2	4	2	14	6	21
Legionellosis	199	7	26	15	19	7	1	7	0	1	2	1	1	3	4	1	6	2	73	0	23
Leptospirosis	76	6	3	1	4	5	0	4	4	2	12	10	6	0	0	2	2	4	5	2	4
Listeriosis	21	1	2	3	2	2	1	2	0	1	0	1	0	3	1	0	0	1	1	0	0
Malaria	48	0	7	14	8	1	0	5	0	2	0	0	0	0	1	0	5	0	2	1	2
Measles	117	0	50	17	13	0	0	0	1	0	25	0	0	1	1	1	0	1	7	0	0
Meningococcal disease	90	1	8	4	14	10	6	5	0	0	4	2	3	7	5	1	2	1	8	1	8
Mumps	51	2	6	8	5	2	0	3	0	1	2	1	1	2	2	1	7	0	5	0	3
Paratyphoid fever	18	0	0	9	0	0	4	0	0	0	0	0	1	0	3	0	0	1	0	0	0
Pertussis	773	5	55	97	61	56	8	35	15	26	31	8	26	30	85	4	41	30	101	2	57
Rheumatic fever	158	16	9	7	55	12	5	6	7	1	7	2	5	11	9	0	2	0	4	0	0
Rickettsial disease	13	0	4	1	1	6	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Rubella	15	1	1	2	1	0	0	0	0	0	0	1	0	1	2	0	0	0	3	1	2
Salmonellosis	1225	37	118	117	75	103	22	36	14	24	40	13	32	32	63	17	50	9	174	34	215
Shigellosis	90	5	25	17	15	7	0	4	0	0	3	0	0	0	5	0	0	0	5	1	3
Tuberculosis disease	330	7	27	75	60	26	1	13	2	1	19	2	13	16	36	0	4	1	19	2	6
Typhoid fever	36	1	9	6	11	0	1	3	0	0	1	0	1	0	2	0	0	0	1	0	0
VTEC/STEC infection	183	11	19	13	17	35	10	9	8	6	8	1	3	4	5	3	2	3	17	3	6
Yersiniosis	431	5	67	44	36	41	9	16	6	22	12	3	11	20	55	3	9	5	41	8	18

¹ These data are provisional

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

National Notifiable Disease Surveillance Data June 2011

Disease	Current Year - 2011 ¹			Previous Year - 2010		
	June 2011 Cases	Cumulative total since 1 January	Current 12 Month Rate ²	June 2010 Cases	Cumulative total since 1 January	Current 12 Month Rate ²
Campylobacteriosis	423	2797	151.4	453	3531	175.4
Cryptosporidiosis	24	164	15.9	38	422	22.7
Dengue fever	3	20	1.1	5	22	1.1
Gastroenteritis ³	33	333	13.8	31	221	14.8
Giardiasis	142	1080	45.2	162	1090	42.8
Haemophilus influenzae type b	3	6	0.2	1	6	0.3
Hepatitis A	1	11	0.6	3	29	1.3
Hepatitis B ⁴	11	37	1.4	8	25	1.3
Hepatitis C ⁴	3	14	0.6	0	5	0.4
Invasive pneumococcal disease	67	211	12.0	51	220	14.7
Lead absorption	12	136	5.7	20	120	6.5
Legionellosis	14	89	4.6	13	63	2.2
Leptospirosis	8	40	1.7	3	44	1.9
Listeriosis	2	14	0.5	0	16	0.7
Malaria	10	29	1.1	4	25	1.2
Measles	52	106	2.7	0	37	5.7
Meningococcal disease	10	42	2.1	13	49	3.2
Mumps	14	34	1.2	5	24	1.4
Paratyphoid fever	1	9	0.4	2	10	0.5
Pertussis	83	373	17.7	68	472	28.2
Rheumatic fever	16	78	3.6	25	87	3.4
Rickettsial disease	1	2	0.3	0	3	0.2
Rubella	6	12	0.3	0	1	0.0
Salmonellosis	67	640	28.0	65	561	23.6
Shigellosis	7	48	2.1	19	63	2.5
Tuberculosis disease	27	179	7.6	28	154	7.1
Typhoid fever	4	25	0.8	1	20	0.6
VTEC/STEC infection	15	121	4.2	12	76	3.0
Yersiniosis	31	215	9.9	27	190	8.9

¹ These data are provisional

² Rate is based on the cumulative total for the current year (12 months up to and including June 2011) or the previous year (12 months up to and including June 2010), 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 June: Brucellosis (1) , Taeniasis (1) , Toxic shellfish poisoning (1)