
MONTHLY NOTIFIABLE DISEASE SURVEILLANCE REPORT

Data contained within this monthly report is based on information recorded on EpiSurv by public health service staff up until 6 July 2009. As this information may be updated over time, the results should be regarded as provisional only.

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1. Key notifiable disease trends

- *Campylobacteriosis*: 397 campylobacteriosis cases were notified in June 2009 compared to 274 cases notified in the same month of the previous year (Figure 1). There were 233 (58.7%) laboratory-confirmed cases. For the 12 month period ending 30 June 2009, the highest incidence rates were reported from South Canterbury DHB (242.3 per 100 000 population) followed by Hutt Valley (234.0 per 100 000) DHB compared to a national rate of 164.5 per 100 000 population.
- *Cryptosporidiosis*: 67 cryptosporidiosis cases (49 laboratory-confirmed cases) were notified in June 2009 compared to 45 cases notified in the preceding month. For the 12 month period ending 30 June 2009 the national rate was 20.8 per 100 000 population compared to 15.9 for the same 12 month period last year. The cases had varied ages, ranging from less than 1 year to 70+ years, with the highest number of cases in the 1–4 years age group (21 cases). One case was hospitalised. Among the cases where risk factor information was recorded, 62.5% (10/16) had recreational water contact, 25.0% (2/8) had faecal contact, 14.3% (1/7) had consumed food from a food premise and 11.1% (1/9) had contact with farm animals.
- *Dengue fever*: 23 cases of dengue fever were notified in June 2009 compared to five notified cases during the same month of the previous year. For the 12 month period ending 30 June 2009 the national rate was 4.2 per 100 000 population. The highest number of cases was in the 50–59 years age group (6 cases). Two cases were hospitalised. Overseas travel was recorded for 17 of the cases with the travel history and the remaining 6 cases recorded as unknown. The countries visited during the incubation period were the Cook Islands (15), Fiji (1) and Papua New Guinea (1).

- *Meningococcal disease*: Based on the earliest date available¹, 11 cases (10 laboratory-confirmed) of meningococcal disease were notified during June 2009. In comparison, five cases were notified the previous month, May 2009, and 12 cases were notified during the same month last year, June 2008. For the 12 month period ending 30 June 2009, Whanganui DHB recorded the highest incidence rate of (6.3 per 100 000 population, 4 cases), followed by Hawke's Bay DHB (5.9 per 100 000, 9 cases) and Wairarapa DHB (5.0 per 100 000, 2 cases). The highest age-specific incidence rate was in infants aged less than one year (37.5 per 100 000 population, 24 cases), followed by those in the 1–4 years age group (11.9 per 100 000, 28 cases) and those in the 15–19 years age group (5.0 per 100 000, 16 cases).
- *Non-seasonal influenza*: In New Zealand, non seasonal influenza A (H1N1) became notifiable on 29 April 2009 and 1,191 cases of influenza A (H1N1) were notified in June 2009 (758 confirmed, 39 probable, 363 suspect and 31 under investigation). The preceding month reported 21 cases. There were 86 hospitalised cases. The highest number of cases was recorded from Capital and Coast DHB (264 cases) followed by Canterbury (179 cases) and Hutt Valley (137 cases) DHBs. For the latest information on the non seasonal influenza A (H1N1) situation in New Zealand see <http://www.moh.govt.nz/influenza-a-h1n1>.
- *Pertussis*: 115 cases of pertussis were notified in June 2009, compared to 108 notifications in the preceding month and 25 notifications in same month of the previous year (Figure 2). There were 34 (29.6%) laboratory-confirmed cases. The highest numbers of cases were reported from Canterbury (14 cases), Waikato (13 cases) and Auckland (12 cases) DHBs. For the 12 month period ending 30 June 2009, the highest incidence rates were reported from West Coast (74.1 per 100 000 population, 24 cases) and Nelson Marlborough (71.5 per 100 000, 97 cases) DHBs compared to a national rate of 21.9 per 100 000 population. The current 12 month rate by age group was highest amongst infants aged less than one year (128.0 per 100 000 population, 82 cases), followed by children in the 1–4 years age group (37.3 per 100 000, 88 cases).
- *Rheumatic fever*: 21 cases of rheumatic fever (18 initial attacks and 3 recurrent attacks) were notified in June 2009 compared to 12 notifications in the preceding month and 15 notifications in the same month of the previous year. The cases were reported from Counties Manukau (9), Waitemata (3), Northland (2), Auckland (2), Waikato (2), Lakes (1), Tairāwhiti (1) and Capital and Coast (1) DHBs.
- *Rickettsial disease*: One laboratory-confirmed case of rickettsial disease was notified in June 2009. The case was a 40–49 year old male from Waikato DHB and was hospitalised. The case had not travelled overseas during the disease incubation period and the probable source of the disease is thought to be contact with rats while duck shooting.

¹ The 'earliest' date refers to the earliest recorded date for the case (onset or hospitalisation date rather than report date, if available). 'Earliest' date, as opposed to 'report date' alone, is used throughout the analysis of meningococcal disease notification data.

2. Outbreaks

Completed outbreak reports: 12 outbreak reports were entered into EpiSurv and completed during June 2009 (Table 1).

Table 1: Summary of completed outbreaks reported to ESR during June 2009

Organism/Toxin/Illness	Reporting Public Health District	Number of outbreaks	Total number of cases
<i>Cryptosporidium</i>	Auckland	1	4
Gastroenteritis	Waikato, Canterbury	3	180
<i>Giardia</i>	Auckland	1	10
Norovirus	Manawatu, Wellington	4	158
Rotavirus	Auckland, Tauranga	2	64
<i>Salmonella</i>	Southland	1	4
Total		12	420

Interim outbreak reports: 50 interim outbreaks have been reported in June 2009. The status of the outbreak and cases involved are subject to change, as more data becomes available.

Table 2: Summary of interim outbreaks reported to ESR during June 2009

Organism/Toxin/Illness	Reporting Public Health District	Number of outbreaks	Total number of cases
<i>Campylobacter</i>	Southland	1	3
Gastroenteritis	Auckland, Waikato, Rotorua, Tauranga, Manawatu, Wanganui, Wellington, Otago	34	303
<i>Giardia</i>	Auckland, Southland	2	6
Norovirus	Auckland, Waikato, Tauranga, Manawatu, Wanganui, Wellington, Southland	11	120
Rotavirus	Auckland, Waikato	2	20
Total		50	452

3. Deaths from notifiable diseases

Three deaths were reported for the month of June from invasive pneumococcal disease (Table 3).

Table 3: Summary of deaths from notifiable diseases reported to ESR during June 2009

Disease	District Health Board	Age group
Invasive pneumococcal disease	Northland	<1
Invasive pneumococcal disease	Counties Manukau	40 to 49
Invasive pneumococcal disease	Hawke's Bay	70+

4. Trends in selected diseases to June 2009

Figure 1: Campylobacteriosis notifications by month by year, January 2004 – June 2009

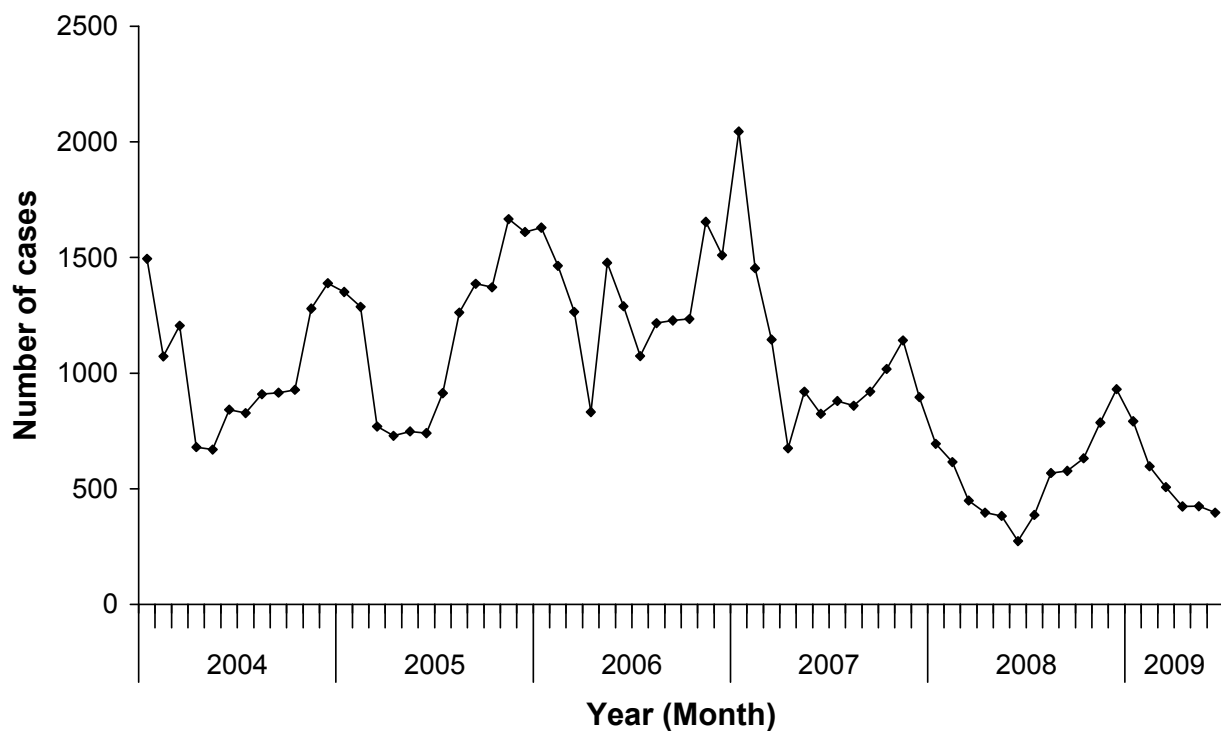
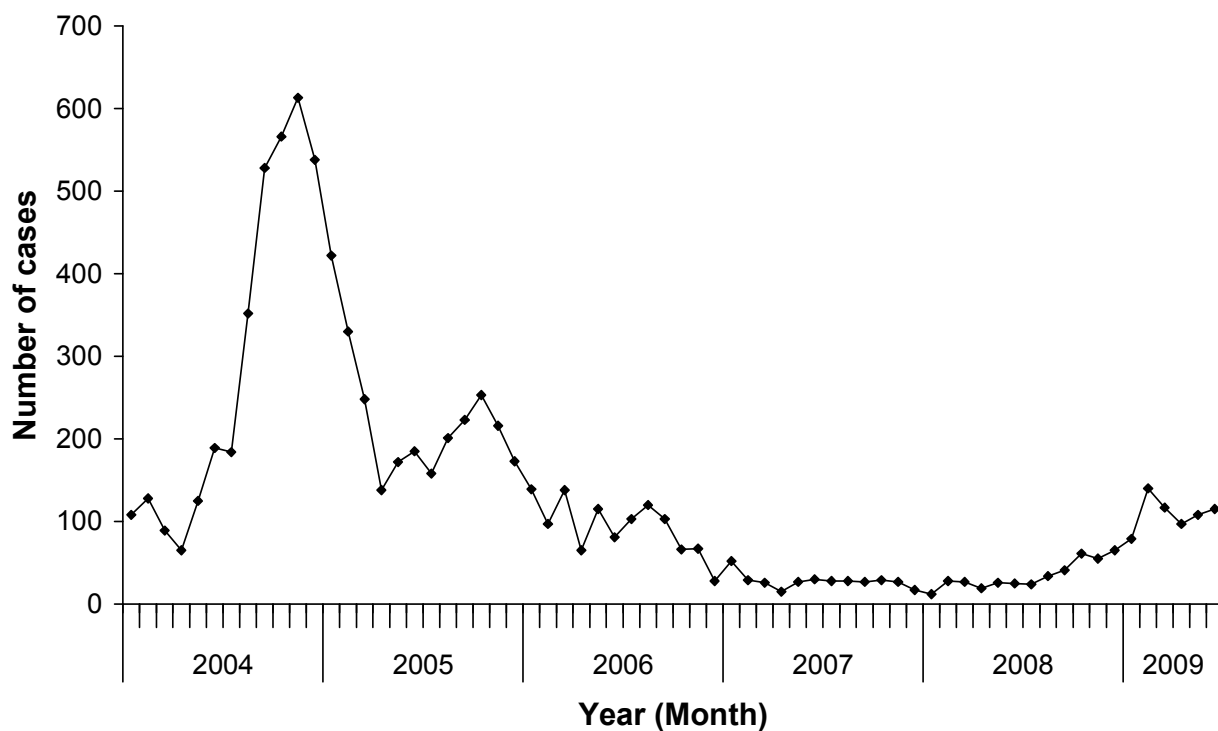


Figure 2: Pertussis notifications by month by year, January 2004 – June 2009



5. Data Tables

National Notifiable Disease Surveillance Data June 2009

Disease	Current Year - 2009 ¹			Previous Year - 2008		
	June 2009 Cases	Cumulative total since 1 January	Current 12 Month Rate ²	June 2008 Cases	Cumulative total since 1 January	Current 12 Month Rate ²
Campylobacteriosis	397	3142	164.5	274	2812	201.7
Cryptosporidiosis	67	298	20.8	23	176	15.9
Dengue fever	23	115	4.2	5	50	1.7
Gastroenteritis	45	291	16.1	38	295	14.5
Giardiasis	153	885	39.8	110	847	35.0
Haemophilus influenzae type b	0	6	0.2	0	7	0.3
Hazardous substances injury	0	3	0.2	1	1	0.1
Hepatitis A	6	22	1.8	5	33	1.2
Hepatitis B ⁴	7	26	1.0	1	23	1.3
Hepatitis C ⁴	5	22	0.8	0	10	0.5
Invasive pneumococcal disease ⁵	81	291	9.8	0	0	0.0
Lead absorption	47	213	9.4	26	128	4.0
Legionellosis	5	48	2.1	6	33	1.4
Leptospirosis	5	40	2.6	11	49	1.6
Listeriosis	2	12	0.7	0	11	0.6
Malaria	0	25	1.1	4	19	0.8
Measles	7	45	1.1	5	8	0.5
Meningococcal disease ⁶	13	48	2.9	11	47	2.7
Mumps	8	32	1.4	7	50	2.2
Non seasonal influenza A (H1N1) ⁷	1191	1229	28.8	0	0	0.0
Paratyphoid fever	0	13	0.6	0	14	0.6
Pertussis	115	656	21.9	25	137	6.9
Rheumatic fever	21	79	3.8	15	68	4.2
Rickettsial disease	1	3	0.3	1	1	0.0
Rubella	2	6	0.2	0	5	0.3
Salmonellosis	65	671	29.0	54	778	32.2
Shigellosis	10	75	3.0	6	60	2.8
Tuberculosis disease	18	152	7.0	23	153	7.0
Typhoid fever	3	28	1.0	2	14	0.7
VTEC/STEC infection	9	97	3.3	10	82	3.1
Yersiniosis	16	243	10.8	32	291	13.1

¹ These data are provisional

² Rate is based on the cumulative total for the current year (12 months up to and including June 2009) or the previous year (12 months up to and including June 2008), 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

⁵ Invasive pneumococcal disease became a notifiable disease on the 17th October 2008

⁶ These totals and rates are derived from the EpiSurv report date as opposed to the earliest available date used in the meningococcal disease section of this report

⁷ Non-seasonal influenza (capable of transmission between human beings) became an infectious notifiable disease on 29 April 2009.

Notifiable Disease Surveillance Data by District Health Board June 2009

		Cases ¹ and current rate ² for June 2009 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	Otago	Southland
Campylobacteriosis	Cases	10	64	43	44	26	8	10	2	6	19	9	12	23	45	0	11	4	35	10	12	4
	Rate	147.4	174.2	171.9	141.7	176.9	163.5	137.8	61.0	206.1	195.0	181.6	146.9	234.0	231.7	156.0	162.9	135.9	119.6	242.3	138.8	157.0
Cryptosporidiosis	Cases	1	11	4	3	4	0	0	1	1	2	0	1	2	28	1	0	0	7	1	0	0
	Rate	20.7	8.6	9.4	7.4	31.7	19.7	12.7	13.1	26.0	25.4	22.1	21.9	13.4	25.7	50.3	18.4	52.5	28.6	99.5	23.5	50.5
Dengue fever	Cases	1	4	4	6	1	0	1	0	1	0	1	0	0	2	0	0	0	2	0	0	0
	Rate	2.6	4.2	7.5	11.6	1.7	1.0	3.4	4.4	0.9	3.3	3.2	2.4	1.4	4.9	2.5	0.7	3.1	3.0	0.0	0.5	0.9
Gastroenteritis	Cases	0	9	8	5	1	0	2	0	0	0	5	6	4	3	0	0	1	1	0	0	0
	Rate	3.2	21.1	21.9	13.5	7.9	6.9	9.2	4.4	0.9	3.3	30.0	61.9	31.0	25.3	5.0	2.9	21.6	16.3	14.5	4.8	0.9
Giardiasis	Cases	5	14	20	14	18	6	3	1	7	10	0	3	1	14	1	2	2	17	1	7	7
	Rate	31.7	32.5	57.7	44.1	38.7	64.0	27.3	24.0	28.8	44.4	23.7	8.5	28.9	62.6	30.2	38.3	55.6	36.9	30.7	31.5	54.1
Haemophilus influenzae type b	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.4	0.0	0.2	0.3	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
Hazardous substances injury	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.6	0.5	0.0	0.8	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	1.1	0.0
Hepatitis A	Cases	0	2	0	0	1	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0
	Rate	3.2	1.3	2.1	1.3	0.3	2.0	1.5	0.0	1.9	2.6	14.2	11.5	2.1	1.4	0.0	0.0	0.0	0.8	0.0	0.0	0.0
Hepatitis B	Cases	0	3	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	1.3	3.0	0.8	0.0	1.0	1.0	0.0	1.9	0.0	0.0	1.2	0.0	0.0	2.5	0.7	0.0	1.4	0.0	0.0	0.9
Hepatitis C	Cases	0	0	0	1	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0	0
	Rate	0.0	0.4	0.9	0.8	0.3	2.0	1.0	0.0	5.6	0.0	0.0	0.6	0.7	1.4	2.5	0.0	0.0	1.2	0.0	0.5	0.0
HbA1c ≥ 6.5% diabetes mellitus	Cases	3	10	5	6	18	2	7	0	3	8	3	0	1	5	1	5	1	0	2	1	0
	Rate	6.5	7.9	8.0	12.3	16.6	16.7	12.7	4.4	13.0	11.7	6.3	3.6	9.2	5.6	17.6	11.8	3.1	7.7	10.8	9.6	11.7
Lead absorption	Cases	1	5	1	23	4	2	0	0	0	0	2	0	1	1	1	0	0	3	0	2	1
	Rate	1.3	10.9	29.0	12.3	8.7	4.9	4.4	10.9	4.6	3.9	15.8	9.7	6.3	4.2	15.1	1.5	0.0	4.4	3.6	5.9	6.3
Legionellosis	Cases	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	Rate	0.6	2.7	1.8	2.3	1.4	1.0	3.9	0.0	1.9	3.3	1.6	0.0	1.4	1.1	5.0	1.5	6.2	2.4	7.2	2.1	0.9
Leptospirosis	Cases	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2
	Rate	6.5	0.4	0.2	0.4	6.7	3.9	4.4	19.6	5.6	5.2	9.5	1.8	0.0	0.0	2.5	2.9	12.4	1.8	1.8	3.2	1.8
Listeriosis	Cases	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.8	0.9	1.5	0.3	0.0	1.0	0.0	0.0	0.0	1.6	0.6	0.0	0.4	0.0	0.0	0.0	0.4	0.0	2.1	0.0
Malaria	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	1.2	1.8	3.2	0.3	0.0	1.5	0.0	0.9	0.7	0.0	0.0	0.7	0.7	0.0	0.0	6.2	0.8	0.0	0.5	0.0
Measles	Cases	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	1	0	3	0	0	0
	Rate	0.0	0.4	0.5	0.0	0.3	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.4	0.0	1.5	0.0	1.4	0.0	17.1	0.0
Meningococcal infection	Cases	0	0	3	2	2	1	0	0	2	0	0	0	1	1	0	0	0	0	0	1	0
	Rate	4.5	1.0	2.1	4.4	2.5	4.9	2.4	4.4	3.7	5.9	6.3	1.8	2.8	2.8	5.0	2.9	3.1	1.6	1.8	3.7	4.5
Mumps	Cases	0	2	1	0	1	0	0	0	0	0	0	0	0	1	1	0	0	2	0	0	0
	Rate	1.9	1.0	1.4	1.1	2.2	2.0	1.9	0.0	0.0	1.3	1.6	0.0	2.8	1.4	2.5	0.7	0.0	1.8	3.6	0.5	0.0
Non-communicable diseases	Cases	55	108	126	134	32	30	38	1	3	29	5	11	137	264	8	12	8	179	7	3	1
	Rate	35.6	25.2	29.7	29.4	9.0	29.6	18.5	2.2	2.8	22.8	7.9	6.7	96.5	92.8	20.1	8.8	24.7	36.1	12.7	1.6	0.9
Paratyphoid fever	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.6	1.1	1.1	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	2.5	0.0	0.0	1.0	0.0	0.0	0.9
Pertussis	Cases	3	11	12	4	13	2	3	1	7	7	2	5	9	6	0	6	0	14	5	2	3
	Rate	10.3	10.4	7.8	10.1	33.1	20.7	19.0	10.9	13.9	15.0	9.5	14.0	26.8	24.6	17.6	71.5	74.1	46.2	43.4	8.5	26.2
Rheumatic fever	Cases	2	3	2	9	2	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
	Rate	7.8	3.3	3.9	9.1	7.3	4.9	1.9	6.5	0.9	3.3	1.6	3.6	5.6	3.9	2.5	0.7	0.0	0.4	0.0	0.0	0.0
Rickettsial disease	Cases	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.2	0.7	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	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	0	0	0	0	0	0	0	1	0	0	0
	Rate	0.0	0.2	0.2	0.0	0.0	0.0	0.5	0.0	0.0	1.3	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.8	0.0	0.0	0.0
Salmonellosis	Cases	2	3	12	6	8	2	1	3	1	4	1	1	0	3	1	0	0	10	1	5	1
	Rate	27.1	19.6	25.3	22.0	32.6	28.6	27.3	61.0	24.1	29.4	20.5	20.6	31.0	24.3	47.8	34.6	27.8	32.7	68.7	51.3	44.2
Shigellosis	Cases	0	3	0	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	2.6	5.0	4.8	5.3	2.0	1.0	2.4	2.2	0.0	0.7	0.0	0.0	2.1	2.5	2.5	5.2	3.1	1.8	3.6	1.6	3.6
Tuberculosis disease	Cases	0	2	5	4	1	0	1	0	0	2	0	0	3	0	0	0	0	0	0	0	0
	Rate	6.5	7.9	13.0	13.7	6.5	4.9	3.4	2.2	1.9	5.2	0.0	3.6	8.5	9.1	0.0	4.4	0.0	5.2	3.6	0.5	1.8
Typhoid fever	Cases	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	1.0	2.3	4.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0</								

¹ These data are provisional

² Current rate is based on the cumulative total for the 12 months up to and including June 2009 expressed as cases per 100 000

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

Information on this page is available in other languages. Contact your local Medical Officer of Health for more information.

This information is for general information only. It is not intended to be used for the diagnosis or treatment of any disease. It is not intended to be used as a substitute for professional medical advice. It is not intended to be used as a basis for any legal action. It is not intended to be used as a basis for any insurance claim. It is not intended to be used as a basis for any other purpose.

Notifiable Disease Surveillance Data by District Health Board June 2009

		Cases ¹ and current rate ² for June 2009 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	Otago	Southland
Campylobacteriosis	Cases	10	64	43	44	26	8	10	2	6	19	9	12	23	45	0	11	4	35	10	12	4
	Rate	147.4	174.2	171.9	141.7	176.9	163.5	137.8	61.0	206.1	195.0	181.6	146.9	234.0	231.7	156.0	162.9	135.9	119.6	242.3	138.8	157.0
Cryptosporidiosis	Cases	1	11	4	3	4	0	0	1	1	2	0	1	2	28	1	0	0	7	1	0	0
	Rate	20.7	8.6	9.4	7.4	31.7	19.7	12.7	13.1	26.0	25.4	22.1	21.9	13.4	25.7	50.3	18.4	52.5	28.6	99.5	23.5	50.5
Dengue fever	Cases	1	4	4	6	1	0	1	0	1	0	1	0	0	2	0	0	0	2	0	0	0
	Rate	2.6	4.2	7.5	11.6	1.7	1.0	3.4	4.4	0.9	3.3	3.2	2.4	1.4	4.9	2.5	0.7	3.1	3.0	0.0	0.5	0.9
Gastroenteritis	Cases	0	9	8	5	1	0	2	0	0	0	5	6	4	3	0	0	1	1	0	0	0
	Rate	3.2	21.1	21.9	13.5	7.9	6.9	9.2	4.4	0.9	3.3	30.0	61.9	31.0	25.3	5.0	2.9	21.6	16.3	14.5	4.8	0.9
Giardiasis	Cases	5	14	20	14	18	6	3	1	7	10	0	3	1	14	1	2	2	17	1	7	7
	Rate	31.7	32.5	57.7	44.1	38.7	64.0	27.3	24.0	28.8	44.4	23.7	8.5	28.9	62.6	30.2	38.3	55.6	36.9	30.7	31.5	54.1
Haemophilus influenzae type b	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.4	0.0	0.2	0.3	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0
Hazardous substances injury	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.6	0.5	0.0	0.8	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	1.1	0.0
Hepatitis A	Cases	0	2	0	0	1	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0
	Rate	3.2	1.3	2.1	1.3	0.3	2.0	1.5	0.0	1.9	2.6	14.2	11.5	2.1	1.4	0.0	0.0	0.0	0.8	0.0	0.0	0.0
Hepatitis B	Cases	0	3	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	1.3	3.0	0.8	0.0	1.0	1.0	0.0	1.9	0.0	0.0	1.2	0.0	0.0	2.5	0.7	0.0	1.4	0.0	0.0	0.9
Hepatitis C	Cases	0	0	0	1	0	0	0	0	2	0	0	0	0	2	0	0	0	0	0	0	0
	Rate	0.0	0.4	0.9	0.8	0.3	2.0	1.0	0.0	5.6	0.0	0.0	0.6	0.7	1.4	2.5	0.0	0.0	1.2	0.0	0.5	0.0
HbA1c ≥ 6.5% diabetes mellitus	Cases	3	10	5	6	18	2	7	0	3	8	3	0	1	5	1	5	1	0	2	1	0
	Rate	6.5	7.9	8.0	12.3	16.6	16.7	12.7	4.4	13.0	11.7	6.3	3.6	9.2	5.6	17.6	11.8	3.1	7.7	10.8	9.6	11.7
Lead absorption	Cases	1	5	1	23	4	2	0	0	0	0	2	0	1	1	1	0	0	3	0	2	1
	Rate	1.3	10.9	29.0	12.3	8.7	4.9	4.4	10.9	4.6	3.9	15.8	9.7	6.3	4.2	15.1	1.5	0.0	4.4	3.6	5.9	6.3
Legionellosis	Cases	1	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
	Rate	0.6	2.7	1.8	2.3	1.4	1.0	3.9	0.0	1.9	3.3	1.6	0.0	1.4	1.1	5.0	1.5	6.2	2.4	7.2	2.1	0.9
Leptospirosis	Cases	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2
	Rate	6.5	0.4	0.2	0.4	6.7	3.9	4.4	19.6	5.6	5.2	9.5	1.8	0.0	0.0	2.5	2.9	12.4	1.8	1.8	3.2	1.8
Listeriosis	Cases	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.8	0.9	1.5	0.3	0.0	1.0	0.0	0.0	0.0	1.6	0.6	0.0	0.4	0.0	0.0	0.0	0.4	0.0	2.1	0.0
Malaria	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	1.2	1.8	3.2	0.3	0.0	1.5	0.0	0.9	0.7	0.0	0.0	0.7	0.7	0.0	0.0	6.2	0.8	0.0	0.5	0.0
Measles	Cases	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	1	0	3	0	0	0
	Rate	0.0	0.4	0.5	0.0	0.3	0.0	0.0	0.0	0.0	0.0	3.2	0.0	0.0	0.4	0.0	1.5	0.0	1.4	0.0	17.1	0.0
Meningococcal infection	Cases	0	0	3	2	2	1	0	0	2	0	0	0	1	1	0	0	0	0	0	1	0
	Rate	4.5	1.0	2.1	4.4	2.5	4.9	2.4	4.4	3.7	5.9	6.3	1.8	2.8	2.8	5.0	2.9	3.1	1.6	1.8	3.7	4.5
Mumps	Cases	0	2	1	0	1	0	0	0	0	0	0	0	0	1	1	0	0	2	0	0	0
	Rate	1.9	1.0	1.4	1.1	2.2	2.0	1.9	0.0	0.0	1.3	1.6	0.0	2.8	1.4	2.5	0.7	0.0	1.8	3.6	0.5	0.0
Non-communicable diseases	Cases	55	108	126	134	32	30	38	1	3	29	5	11	137	264	8	12	8	179	7	3	1
	Rate	35.6	25.2	29.7	29.4	9.0	29.6	18.5	2.2	2.8	22.8	7.9	6.7	96.5	92.8	20.1	8.8	24.7	36.1	12.7	1.6	0.9
Paratyphoid fever	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.6	1.1	1.1	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.7	0.7	2.5	0.0	0.0	1.0	0.0	0.0	0.9
Pertussis	Cases	3	11	12	4	13	2	3	1	7	7	2	5	9	6	0	6	0	14	5	2	3
	Rate	10.3	10.4	7.8	10.1	33.1	20.7	19.0	10.9	13.9	15.0	9.5	14.0	26.8	24.6	17.6	71.5	74.1	46.2	43.4	8.5	26.2
Rheumatic fever	Cases	2	3	2	9	2	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
	Rate	7.8	3.3	3.9	9.1	7.3	4.9	1.9	6.5	0.9	3.3	1.6	3.6	5.6	3.9	2.5	0.7	0.0	0.4	0.0	0.0	0.0
Rickettsial disease	Cases	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.2	0.7	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.4	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	0	0	0	0	0	0	0	1	0	0	0
	Rate	0.0	0.2	0.2	0.0	0.0	0.0	0.5	0.0	0.0	1.3	0.0	0.0	0.0	0.4	0.0	0.0	0.0	0.8	0.0	0.0	0.0
Salmonellosis	Cases	2	3	12	6	8	2	1	3	1	4	1	1	0	3	1	0	0	10	1	5	1
	Rate	27.1	19.6	25.3	22.0	32.6	28.6	27.3	61.0	24.1	29.4	20.5	20.6	31.0	24.3	47.8	34.6	27.8	32.7	68.7	51.3	44.2
Shigellosis	Cases	0	3	0	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	2.6	5.0	4.8	5.3	2.0	1.0	2.4	2.2	0.0	0.7	0.0	0.0	2.1	2.5	2.5	5.2	3.1	1.8	3.6	1.6	3.6
Tuberculosis disease	Cases	0	2	5	4	1	0	1	0	0	2	0	0	3	0	0	0	0	0	0	0	0
	Rate	6.5	7.9	13.0	13.7	6.5	4.9	3.4	2.2	1.9	5.2	0.0	3.6	8.5	9.1	0.0	4.4	0.0	5.2	3.6	0.5	1.8
Typhoid fever	Cases	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	1.0	2.3	4.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.2	0.0	0.0	0.0
VTEC/STEC infection	Cases	0	0	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	3	1	0	0
	Rate	5.8	1.7	5.7	1.7	7.3	4.9	2.9	13.1	6.5	2.0	0.0	0.6	2.1	1.4	5.0	0.7	3.1	3.4	5.4	2.1	0.9
Yersiniosis	Cases	1	1	2	0	1	1	0	0	0	0	0	0	1	2	0	1	1	4	0	1	0
	Rate	10.3	9.0	13.9	6.3	7.6	6.9	7.8	4.4	17.6	12.4	1.6	1.2	21.1	21.4	5.0	5.2	46.3	15.3	21.7	2.7	5.4

¹ These data are provisional

² Current rate is based on the cumulative total for the 12 months up to and including June 2009 expressed as cases per 100 000

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

‘b] Uglj`Y`dbYi a cVc`VVU`X]gYUgY`VYVWUa`Y`U`bch]Z]UV`Y`X]gYUgY`cb`h`Y`%+h`C`Vh`c`VYf`&\$\$,
`H`YgY`h`H`U`g`UbX`f`UH`g`UFY`XYf]j`YX`Zfca`h`Y`9d]Gi`fj`fYdcfhXUH`Ug`cddcgYX`h`h`Y`YUf`Y]gh`Uj`Uj`UV`Y`XUH`i`gYX`]b`h`Y`a`Yb]b[`c`Vc`VVU`X]gYUgY`gYVWUcb`c`ZH`Jg`fYdcfh
`Bcb]`gYUgcbU`]bZi`YbnU`fVUdUV`Y`c`ZH`f`Ubga`]gg]cb`VYh`YYb`i`a`Ub`VY]b[`gk`VYVWUa`Y`Ub`]bZYVWUci`g`bch]Z]UV`Y`X]gYUgY`cb`&-`5dfj`i`&\$-\$`-`"

Notifiable Disease Surveillance Data for the 12 months ending June-2009 by District Health Board

Disease	Cases for the 12 months ending June 2009 ^{1 2} by District Health Board ³																					
	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	Otago	Southland
Campylobacteriosis	7023	228	907	753	671	630	166	283	28	222	299	115	242	332	659	62	221	44	593	134	260	174
Cryptosporidiosis	886	32	45	41	35	113	20	26	6	28	39	14	36	19	73	20	25	17	142	55	44	56
Dengue fever	178	4	22	33	55	6	1	7	2	1	5	2	4	2	14	1	1	1	15	0	1	1
Gastroenteritis	686	5	110	96	64	28	7	19	2	1	5	19	102	44	72	2	4	7	81	8	9	1
Giardiasis	1698	49	169	253	209	138	65	56	11	31	68	15	14	41	178	12	52	18	183	17	59	60
Haemophilus influenzae type b	8	1	2	0	1	1	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0
Hazardous substances injury	10	0	3	2	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0
Hepatitis A	78	5	7	9	6	1	2	3	0	2	4	9	19	3	4	0	0	0	4	0	0	0
Hepatitis B	41	0	7	13	4	0	1	2	0	2	0	0	2	0	0	1	1	0	7	0	0	1
Hepatitis C	35	0	2	4	4	1	2	2	0	6	0	0	1	1	4	1	0	0	6	0	1	0
Isotretinoin toxicity	418	10	41	35	58	59	17	26	2	14	18	4	6	13	16	7	16	1	38	6	18	13
Lead absorption	402	2	57	127	58	31	5	9	5	5	6	10	16	9	12	6	2	0	22	2	11	7
Legionellosis	88	1	14	8	11	5	1	8	0	2	5	1	0	2	3	2	2	2	12	4	4	1
Leptospirosis	111	10	2	1	2	24	4	9	9	6	8	6	3	0	0	1	4	4	9	1	6	2
Listeriosis	28	1	4	4	7	1	0	2	0	0	0	1	1	0	1	0	0	0	2	0	4	0
Malaria	46	1	6	8	15	1	0	3	0	1	1	0	0	1	2	0	0	2	4	0	1	0
Measles	49	0	2	2	0	1	0	0	0	0	0	2	0	0	1	0	2	0	7	0	32	0
Non-infectious diseases	123	7	5	9	21	9	5	5	2	4	9	4	3	4	8	2	4	1	8	1	7	5
Mumps	58	3	5	6	5	8	2	4	0	0	2	1	0	4	4	1	1	0	9	2	1	0
Non-infectious diseases	1229	55	131	130	139	32	30	38	1	3	35	5	11	137	264	8	12	8	179	7	3	1
Paratyphoid fever	24	0	3	5	5	0	1	0	0	0	0	0	0	1	2	1	0	0	5	0	0	1
Pertussis	936	16	54	34	48	118	21	39	5	15	23	6	23	38	70	7	97	24	229	24	16	29
Rheumatic fever	163	12	17	17	43	26	5	4	3	1	5	1	6	8	11	1	1	0	2	0	0	0
Rickettsial disease	12	0	1	3	0	7	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
Rubella	10	0	1	1	0	0	0	1	0	0	2	0	0	0	1	0	0	0	4	0	0	0
Salmonellosis	1239	42	102	111	104	116	29	56	28	26	45	13	34	44	69	19	47	9	162	38	96	49
Shigellosis	128	4	26	21	25	7	1	5	1	0	1	0	0	3	7	1	7	1	9	2	3	4
Tuberculosis disease	300	10	41	57	65	23	5	7	1	2	8	0	6	12	26	0	6	0	26	2	1	2
Typhoid fever	43	0	5	10	19	1	0	0	0	0	0	0	0	0	7	0	0	0	1	0	0	0
VTEC/STEC infection	141	9	9	25	8	26	5	6	6	7	3	0	1	3	4	2	1	1	17	3	4	1
Yersiniosis	461	16	47	61	30	27	7	16	2	19	19	1	2	30	61	2	7	15	76	12	5	6
Total	16652	523	1847	1879	1712	1443	402	637	114	398	610	229	532	752	1574	159	513	155	1853	318	588	414

¹ These data are provisional

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

³ These totals are derived from the EpiSurv report date as opposed to the earliest available date used in the meningococcal disease section

“b] Uglj Y`dbYi a cVtVWU`X]gYUgY`VYVWla Y`U`bch]Z]UV`Y`X]gYUgY`cb`h`Y`%+h`C`WtVYf`&\$\$,`h`Y`gY`hc`HJ`g`UbX`fUH`g`UFY`XYf]j YX`Zfca`h`Y`9d]Gi`fj`fYdcfhXUH`Ug`cddcgYX`hc`h`Y`YUf`Y]ghUj U]`UV`Y`XUH`i`gYX`]b`h`Y`a`Yb]b[cVtVWU`X]gYUgY`gYVW]cb`cZ`h`Jg`fYdcfh`Bcb]gYUgcbU`]bZi`YbnU`fWUdUV`Y`cZ`fUbg`a`Jgg]cb`VYhk`YYb`i`a`Ub`VY]b[gE`VYVWla`Y`Ub`]bZYVW]ci`g`bch]Z]UV`Y`X]gYUgY`cb`&-`5df)`&\$\$-”

National Notifiable Disease Surveillance Data June 2009

Disease	Current Year - 2009 ¹			Previous Year - 2008		
	June 2009 Cases	Cumulative total since 1 January	Current 12 Month Rate ²	June 2008 Cases	Cumulative total since 1 January	Current 12 Month Rate ²
Campylobacteriosis	397	3142	164.5	274	2812	201.7
Cryptosporidiosis	67	298	20.8	23	176	15.9
Dengue fever	23	115	4.2	5	50	1.7
Gastroenteritis	45	291	16.1	38	295	14.5
Giardiasis	153	885	39.8	110	847	35.0
Haemophilus influenzae type b	0	6	0.2	0	7	0.3
Hazardous substances injury	0	3	0.2	1	1	0.1
Hepatitis A	6	22	1.8	5	33	1.2
<YdUh]hg`6	7	26	1.0	1	23	1.3
<YdUh]hg`7	5	22	0.8	0	10	0.5
⊕j Ug]j Y`dbYi a cVŁVWU`X]gYUgY	81	291	9.8	0	0	0.0
Lead absorption	47	213	9.4	26	128	4.0
Legionellosis	5	48	2.1	6	33	1.4
Leptospirosis	5	40	2.6	11	49	1.6
Listeriosis	2	12	0.7	0	11	0.6
Malaria	0	25	1.1	4	19	0.8
Measles	7	45	1.1	5	8	0.5
A Yb]b[cVŁVWU`X]gYUgY	13	48	2.9	11	47	2.7
Mumps	8	32	1.4	7	50	2.2
Bcb`gYUgcbU`]bZi YbnU`5`fk`%B`%Ł`	1191	1229	28.8	0	0	0.0
Paratyphoid fever	0	13	0.6	0	14	0.6
Pertussis	115	656	21.9	25	137	6.9
Rheumatic fever	21	79	3.8	15	68	4.2
Rickettsial disease	1	3	0.3	1	1	0.0
Rubella	2	6	0.2	0	5	0.3
Salmonellosis	65	671	29.0	54	778	32.2
Shigellosis	10	75	3.0	6	60	2.8
Tuberculosis disease	18	152	7.0	23	153	7.0
Typhoid fever	3	28	1.0	2	14	0.7
VTEC/STEC infection	9	97	3.3	10	82	3.1
Yersiniosis	16	243	10.8	32	291	13.1

¹ These data are provisional

² Rate is based on the cumulative total for the current year (12 months up to and including June 2009) or the previous year (12 months up to and including June 2008), expressed as cases per 100 000

³ Cases of gastroenteritis from a common source or foodborne intoxication

C`b`mUW`hY`WUgYg`cZ`h`jg`X]gYUgY`UfY`W`ffYbhmbch]Z]UV`Y`
⊕j Ug]j Y`dbYi a cVŁVWU`X]gYUgY`VYVWla`Y`U`bch]Z]UV`Y`X]gYUgY`cb`h`Y`%+`h`C`VŁVYf`&\$\$,
`h`Y`gY`hc`HJ`g`UbX`fU`h`g`UfY`XYf]j`YX`Zfca`h`Y`9d]Gi`fj`fYdc`fhXU`hY`Ug`cddcgYX`hc`h`Y`YUf`]Ygh`Uj`Uj`UV`Y`XU`hY`i`gYX`]b`h`Y`
a`Yb]b[`cVŁVWU`X]gYUgY`gYVW]cb`cZ`h`jg`fYdc`fh`

Bcb!`gYUgcbU`]bZi`YbnU`fWUdUV`Y`cZ`fU`bga`]gg]cb`VY`h`YYb`\\i`a`Ub`VY]b[`gŁVYVWla`Y`Ub`]bZYVW]ci`g`bch]Z]UV`Y`X]gYUgY`cb`
&-`5df]`&\$-\$`-`"