# MONTHLY NOTIFIABLE DISEASE SURVEILLANCE REPORT

Data contained within this monthly report is based on information recorded on EpiSurv by public health service (PHS) staff as at 5 August 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

- *Chemical poisoning from the environment*: One case of elevated blood mercury was notified in July 2011of a male in the 60-69 years age group from Nelson Marlborough DHB. The source is still being investigated, but is possibly due to consumption of fish.

- *Legionellosis*: 26 cases of legionellosis were notified in July 2011 (10 confirmed, 1 probable, and 15 under investigation), compared to 12 cases notified in the same month of the previous year. The following section relates to the 11 confirmed and probable cases only. The highest numbers of cases were reported in Nelson Marlborough (3 cases), Auckland, and Canterbury (2 cases each) DHBs. Cases were distributed by age group as follows: 30-39 years (2), 40-49 years (1), 50-59 years (2), 60-69 years (5), and 70+ years (1). Seven hospitalisations were reported. Among the cases where risk information was recorded, six reported exposure to environmental sources of infection (two cases reported exposure to spa pools, two reported exposure to vineyards, one to compost/potting mix, and one to a possible contaminated water supply). The *Legionella* species was identified in nine cases: *Legionella pneumophila* serogroup 1 (5 cases*), L. longbeachae* serogroup 1 (2 cases), *L. dumoffii* and *L. micdadei* (1 case each).

- *Listeriosis*: Four cases of listeriosis, including one perinatal case, were notified in July 2011. The perinatal case was a Pacific Island female in the 20-29 years age group, from Capital and Coast DHB. The pregnancy reached full term. *Listeria monocytogences* was isolated from the newborn infant shortly after birth. The infant remained in hospital. The three laboratory confirmed non-perinatal cases were from Counties Manukau (2) and Canterbury (1) DHBs and were distributed by age group as follows: 30-39 years (1) and 70+ years (2). One case was reported to have an underlying illness. Risk factors were not reported for the remaining two cases.

- *Measles*: 64 cases of measles were notified in July 2011 (62 confirmed, 2 under investigation), compared to 52 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 62 confirmed cases only. The cases were reported in Waitemata (45 cases), Waikato (10 cases), Auckland (4 cases), Northland , Counties Manukau and Lakes (1 case each) DHBs. Cases were distributed as follows:< 1 year (2), 1-4 years (9), 5-9 years 11), 10-14 years (17), 15-19 years (18), 20-29 years (3) and 30-39 years (2) age groups. Four hospitalisations were reported. The immunisation information was recorded for 55 of the cases, with five cases reported as having been immunised and 50 cases recorded as not immunised. The five immunised cases had all received one dose of vaccine. All but one of these cases were aged more than four years (the age by which two doses are recommended).

- *Meningococcal disease*: Fourteen cases of laboratory confirmed invasive meningococcal disease were notified during July 2011. Ten cases were notified in the previous month and 12 during the same month last year. The highest numbers of cases were reported in Northland, Waitemata, Auckland and Southern (two cases each) DHBs. The highest numbers of cases were in the 1-4 years (4 cases), less than 1 years (3 cases), and 15-19 years (3 cases) age groups. Seven cases were of European ethnicity, four of Maori ethnicity and three of Pacific Peoples ethnicity. The following strains were identified: B other (i.e. non-Epidemic strain) (5 cases), C (4 cases), Epidemic strain (2 cases), W135 (1 case), and non-groupable (1 case). One case is awaiting results.

- *Mumps:* 10 cases of mumps were notified in July 2011 (4 confirmed, 3 probable, and 3 under investigation), compared to 13 cases notified in the previous month and 6 cases in the same month of the previous year. The remainder of this section relates to the seven confirmed or probable cases only. The cases were reported in Nelson Marlborough (2 cases), Waitemata, Auckland, Waikato, Hutt Valley and Canterbury (1 case each) DHBs. Cases were distributed as follows: 1-4 years (2), 5-9 years (1), 20-29 years (2), and 30-39 years (1) and 60-69 years (1) age groups. One hospitalisation was reported. Immunisation information was recorded for six cases. Of these, one case was fully immunised, one had received one dose of vaccine (case was aged less than 4 years and therefore only eligible for one dose), one was immunised but no dose information was available, and the remaining three cases were not immunised.

- *Rickettsial disease*: Three cases of laboratory confirmed murine typhus and one case of Q Fever were notified in July 2011. Among the murine typhus cases, two were male (aged 20-29 years and 70+ years), and one was female (aged 40-49years). Two cases were from Waikato DHB, and one case from Auckland DHB. Two cases were hospitalised (one unknown). None had been overseas during the incubation period. All three cases had contact with rodents. The Q fever case was found not to be a case after further investigation.

- *Taeniasis*: Two laboratory confirmed cases of taeniasis were notified in July 2011. Both cases (a female aged 30-39 years, and a male aged 50-59 years) were from Counties Manukau DHB and are thought to have contracted their disease in Myanmar.

- *VTEC/STEC infection*: 7 cases of VTEC/STEC infection were notified in July 2011 compared with 12 cases notified in the preceding month and 11 cases in the same month of the previous year. The cases were reported in Waitemata (3 cases), Northland, Counties Manukau, Bay of Plenty and Canterbury (one case each) DHBs. Cases were distributed by age group as follows: 1-4 years (1), 20-29 years (1), 30-39 years (2), 40-49 years (1), and 70+ years (2) age groups. Five cases were hospitalised. *Escherichia coli* O128:H2, O157:H7, O178:H23, O84:H2 was isolated in one case each. Among the cases for which risk factor information was recorded, 2/2 had contact with pets, 3/3 had contact with animals, 1/3 had recreational contact with water, 1/2 had contact with manure, 1/3 had contact with farm animals, 1/3 had contact with nappies and 1/3 handled raw meat or offal during the incubation period.

- *Yersiniosis*: 50 yersiniosis cases were notified in July 2011, compared to 31 cases notified in the preceding month and 27 cases the same month of the previous year. The highest numbers of cases were reported in Waikato (18 cases), Counties Manukau, Canterbury (7 cases each), and Auckland (6 cases) DHBs. The cases were aged from 10 months to 71 years with the highest number of cases in the 1-4 years (15 cases), and 25-44 years (12 cases) age groups. Two cases were hospitalised. The biotype involved was identified in 26 (52.0%) of the cases, with the highest number of isolations of *Yersinia enterocolitica* Biotype 4 (13 cases), *Y. enterocolitic*a Biotype 2 (7 cases), and *Y. enterocolitica* Biotype 3 (2 cases). Among the cases for which risk factor information was recorded, 55.6% (10/18) had contact with farm animals, 23.5% (4/17) had contact with faecal matter, 19.0% (4/21) had been overseas, and 14.3% (2/14) had consumed untreated water during the incubation period. Countries visited were Australia, Brazil, South Africa and Thailand (one case each).

## 2. Outbreaks

Finalised outbreak reports: 24 outbreak reports were created and finalised in EpiSurv during July 2011 (Table 1).

**Table 1: Summary of final outbreaks created in EpiSurv during July 2011**

| Organism/Toxin/Illness | DHB(s) where exposure occurred | Number of outbreaks | Total number of cases |
|---|---|---|---|
| *Campylobacter*[1] | Waikato, Capital and Coast, Southern | 4 | 13 |
| Gastroenteritis | Waitemata | 1 | 2 |
| *Giardia*[1,2] | Northland, Waitemata, Auckland, Counties Manukau, Waikato | 8 | 23 |
| Norovirus[1] | Capital and Coast, Canterbury | 7 | 130 |
| Norovirus/rotavirus | Canterbury | 2 | 29 |
| *Salmonella*[3] | Waitemata | 1 | 2 |
| *Shigella*[1] | Auckland | 1 | 3 |
| **Total** | | **24** | **202** |

[1]Includes outbreaks reported to PHSs prior to July 2011: *Campylobacter* (2) one reported in May and one reported in June 2011, *Giardia* (1) reported to PHS in May 2011, and *Shigella* (1), and norovirus (1), both reported to PHS in June 2011.

[2]One *Giardia* outbreak reported in Waikato DHB had an overseas exposure location (Tanzania).

[3]*Salmonella* outbreak reported in Waitemata DHB had an overseas exposure location (Australia).

Interim outbreak reports: 26 interim outbreaks were created in EpiSurv during July 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 July 2011**

| Organism/Toxin/Illness | DHB(s) where exposure occurred | Number of outbreaks | Total number of cases |
|---|---|---|---|
| *Bordetella pertussis* | West Coast | 1 | 4 |
| *Campylobacter* | Waikato | 2 | - |
| *Cryptosporidium* | Auckland | 1 | - |
| Gastroenteritis | Waitemata, Auckland, Counties Manukau, Waikato, Bay of Plenty, Hawke's Bay, Whanganui, Capital and Coast | 16 | 52 |
| *Mycobacterium tuberculosis* | Waikato | 1 | - |
| Norovirus | Waitemata, Auckland, Tairawhiti, Hutt Valley, Southern | 5 | 70 |
| **Total** | | **26** | **126** |

## 3. Deaths from notifiable diseases

Two deaths were reported in July 2011, one from invasive pneumococcal disease, and one from meningococcal disease (Table 3).

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

| Disease | District Health Board | Age group (years) |
|---|---|---|
| Invasive pneumococcal disease | Hawke's Bay | 15-19 years |
| Meningococcal disease | Canterbury | 40-49 years |

## 4. Trends in selected diseases to July 2011

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

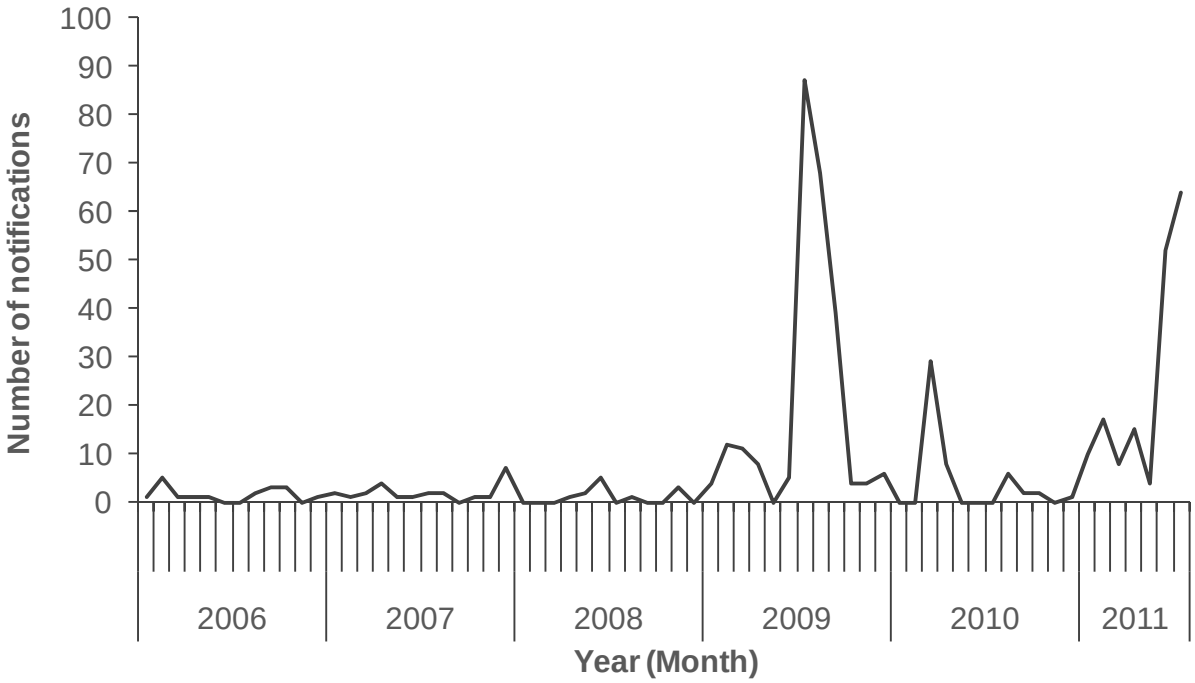
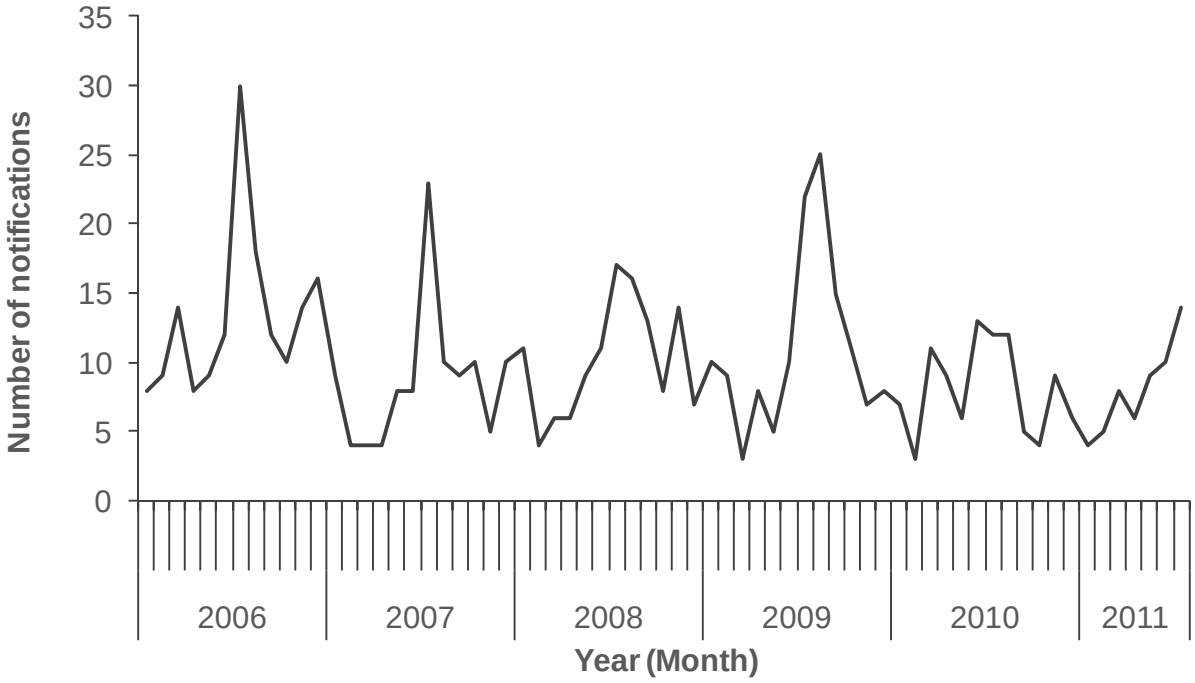



**Figure 2: Meningococcal notifications by month, January 2006 – July 2011**



## 5. Data tables

### National Notifiable Disease Surveillance Data July 2011

| Disease | Current Year - 2011[1] | | | Previous Year - 2010 | | |
|---|---|---|---|---|---|---|
| | July 2011 Cases | Cumulative total since 1 January | Current 12 Month Rate[2] | July 2010 Cases | Cumulative total since 1 January | Current 12 Month Rate[2] |
| Campylobacteriosis | 491 | 3287 | 152.5 | 441 | 3972 | 173.9 |
| Cryptosporidiosis | 19 | 183 | 15.7 | 28 | 450 | 21.8 |
| Dengue fever | 5 | 25 | 1.2 | 2 | 24 | 1.0 |
| Gastroenteritis [3] | 27 | 362 | 13.6 | 38 | 259 | 14.2 |
| Giardiasis | 145 | 1225 | 44.9 | 160 | 1250 | 43.2 |
| Haemophilus influenzae type b | 1 | 7 | 0.2 | 0 | 6 | 0.3 |
| Hepatitis A | 3 | 14 | 0.6 | 3 | 32 | 1.2 |
| Hepatitis B? | 8 | 41 | 1.4 | 6 | 31 | 1.2 |
| Hepatitis C? | 2 | 15 | 0.6 | 1 | 6 | 0.3 |
| Invasive pneumococcal disease | 71 | 281 | 11.7 | 83 | 303 | 13.9 |
| Lead absorption | 13 | 147 | 5.5 | 17 | 137 | 6.0 |
| Legionellosis | 26 | 107 | 4.7 | 12 | 75 | 2.4 |
| Leptospirosis | 9 | 50 | 1.8 | 6 | 50 | 2.0 |
| Listeriosis | 4 | 18 | 0.5 | 3 | 19 | 0.7 |
| Malaria | 2 | 31 | 1.0 | 5 | 30 | 1.1 |
| Measles | 64 | 170 | 4.1 | 0 | 37 | 3.6 |
| Meningococcal disease | 14 | 56 | 2.1 | 12 | 61 | 2.9 |
| Mumps | 10 | 43 | 1.2 | 6 | 30 | 1.4 |
| Paratyphoid fever | 1 | 10 | 0.3 | 4 | 14 | 0.5 |
| Pertussis | 80 | 447 | 17.9 | 67 | 539 | 27.0 |
| Rheumatic fever | 9 | 88 | 3.5 | 16 | 103 | 3.5 |
| Rickettsial disease | 4 | 6 | 0.2 | 7 | 10 | 0.3 |
| Rubella | 0 | 10 | 0.3 | 0 | 1 | 0.0 |
| Salmonellosis | 56 | 693 | 27.5 | 76 | 637 | 23.7 |
| Shigellosis | 7 | 55 | 1.8 | 18 | 81 | 2.8 |
| Tuberculosis disease | 26 | 199 | 7.3 | 31 | 185 | 7.1 |
| Typhoid fever | 3 | 28 | 0.8 | 3 | 23 | 0.7 |
| VTEC/STEC infection | 7 | 123 | 4.0 | 11 | 87 | 3.2 |
| Yersiniosis | 50 | 265 | 10.4 | 27 | 217 | 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 July 2011) or the previous year (12 months up to and including July 2010), expressed as cases per 100 000

[3] Cases of gastroenteritis from a common source or foodborne intoxication

? Only acute cases of this disease are currently notifiable

Other notifiable infectious disease reported in July: Chemical poisoning from the environment (1) , Hepatitis NOS (1) , Hydatid disease (1) , Taeniasis (2)

# Notifiable Disease Surveillance Data by District Health Board July 2011

Cases[1] and current rate[2] for July 2011 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 | 15 | 52 | 38 | 46 | 44 | 8 | 14 | 6 | 11 | 30 | 6 | 25 | 30 | 47 | 3 | 15 | 6 | 57 | 5 | 33 |
| | Rate | 124.6 | 134.6 | 122.4 | 99.7 | 184.1 | 165.7 | 134.7 | 79.6 | 181.2 | 200.3 | 99.7 | 138.7 | 165.5 | 174.7 | 153.9 | 164.4 | 158.9 | 180.0 | 213.0 | 202.8 |
| Cryptosporidiosis | Cases | 2 | 1 | 2 | 1 | 7 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 1 | 0 | 1 |
| | Rate | 26.7 | 8.4 | 7.8 | 5.5 | 39.2 | 13.6 | 8.1 | 12.9 | 29.3 | 22.5 | 6.3 | 10.8 | 13.9 | 10.0 | 17.4 | 8.0 | 21.4 | 17.1 | 84.1 | 20.1 |
| Dengue fever | Cases | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Rate | 1.3 | 1.3 | 2.0 | 1.0 | 1.9 | 1.9 | 1.0 | 2.2 | 0.9 | 0.0 | 1.6 | 0.0 | 0.0 | 2.1 | 0.0 | 0.0 | 0.0 | 0.4 | 1.8 | 1.6 |
| Gastroenteritis | Cases | 2 | 1 | 2 | 3 | 2 | 0 | 4 | 0 | 1 | 0 | 0 | 1 | 1 | 3 | 0 | 0 | 0 | 4 | 0 | 3 |
| | Rate | 1.3 | 11.2 | 14.0 | 7.9 | 5.5 | 8.8 | 5.7 | 2.2 | 11.0 | 0.0 | 19.0 | 41.3 | 32.7 | 30.6 | 9.9 | 6.5 | 39.7 | 22.8 | 7.2 | 4.3 |
| Giardiasis | Cases | 9 | 11 | 12 | 14 | 11 | 2 | 13 | 1 | 6 | 6 | 2 | 5 | 4 | 20 | 0 | 4 | 4 | 10 | 3 | 8 |
| | Rate | 36.9 | 39.1 | 64.0 | 43.0 | 47.5 | 44.8 | 52.4 | 17.2 | 21.1 | 51.5 | 7.9 | 17.3 | 51.5 | 65.2 | 17.4 | 34.8 | 36.7 | 44.3 | 51.9 | 44.2 |
| Haemophilus influenzae type b | Cases | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Rate | 0.6 | 0.2 | 0.2 | 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 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| | Rate | 0.0 | 0.2 | 0.9 | 1.2 | 0.8 | 0.0 | 0.0 | 4.3 | 0.0 | 1.9 | 1.6 | 0.0 | 0.0 | 1.0 | 0.0 | 0.7 | 0.0 | 0.8 | 0.0 | 0.0 |
| Hepatitis B | Cases | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 |
| | Rate | 1.3 | 0.9 | 2.2 | 1.2 | 0.5 | 5.8 | 1.4 | 17.2 | 0.0 | 1.3 | 1.6 | 0.0 | 2.1 | 0.0 | 0.0 | 0.7 | 0.0 | 1.6 | 1.8 | 1.0 |
| Hepatitis C | Cases | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Rate | 0.0 | 0.6 | 0.2 | 0.4 | 0.3 | 0.0 | 0.5 | 0.0 | 0.0 | 1.3 | 0.0 | 1.2 | 0.7 | 1.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.8 | 1.0 |
| Invasive pneumococcal | Cases | 1 | 7 | 11 | 10 | 6 | 3 | 6 | 0 | 1 | 2 | 0 | 4 | 2 | 1 | 2 | 3 | 0 | 8 | 2 | 2 |
| | Rate | 11.4 | 10.1 | 10.4 | 14.7 | 13.7 | 23.4 | 14.3 | 6.5 | 9.2 | 16.7 | 14.2 | 9.0 | 14.6 | 4.5 | 12.4 | 9.4 | 3.1 | 11.0 | 10.7 | 13.2 |
| Lead absorption | Cases | 0 | 2 | 2 | 3 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 1 | 0 |
| | Rate | 1.9 | 7.3 | 10.4 | 6.3 | 3.0 | 0.0 | 1.9 | 2.2 | 6.4 | 7.7 | 9.5 | 4.2 | 11.1 | 3.4 | 5.0 | 2.9 | 6.1 | 2.6 | 12.5 | 6.6 |
| Legionellosis | Cases | 1 | 3 | 10 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 0 | 2 | 1 | 0 |
| | Rate | 4.4 | 4.8 | 4.9 | 3.5 | 1.9 | 1.0 | 3.3 | 0.0 | 0.9 | 1.3 | 1.6 | 0.6 | 0.7 | 1.4 | 2.5 | 6.5 | 6.1 | 14.4 | 1.8 | 7.3 |
| Leptospirosis | Cases | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 |
| | Rate | 4.4 | 0.6 | 0.2 | 0.8 | 0.8 | 0.0 | 2.4 | 8.6 | 1.8 | 9.0 | 14.2 | 4.8 | 0.0 | 0.0 | 5.0 | 2.2 | 9.2 | 1.2 | 5.4 | 1.0 |
| Listeriosis | Cases | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| | Rate | 0.0 | 0.4 | 0.7 | 0.8 | 0.5 | 1.0 | 1.0 | 0.0 | 0.9 | 0.0 | 1.6 | 0.0 | 2.1 | 0.3 | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 | 0.0 |
| Malaria | Cases | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Rate | 0.0 | 1.3 | 3.1 | 1.2 | 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 | 0.3 |
| Measles | Cases | 1 | 45 | 4 | 1 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| | Rate | 0.6 | 17.7 | 4.7 | 2.9 | 2.7 | 1.0 | 0.0 | 2.2 | 0.0 | 16.1 | 0.0 | 0.0 | 0.7 | 0.3 | 2.5 | 1.4 | 3.1 | 1.4 | 0.0 | 0.0 |
| Meningococcal disease | Cases | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 |
| | Rate | 1.9 | 1.7 | 1.1 | 2.4 | 2.5 | 4.9 | 1.4 | 0.0 | 0.9 | 3.2 | 4.7 | 2.4 | 3.5 | 1.4 | 2.5 | 1.4 | 3.1 | 1.8 | 1.8 | 3.3 |
| Mumps | Cases | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 1 | 0 | 0 |
| | Rate | 0.6 | 1.1 | 2.0 | 1.0 | 0.8 | 0.0 | 1.4 | 0.0 | 1.8 | 1.3 | 0.0 | 0.6 | 1.4 | 0.7 | 0.0 | 7.2 | 0.0 | 1.2 | 0.0 | 0.7 |
| Paratyphoid fever | Cases | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Rate | 0.0 | 0.0 | 1.3 | 0.0 | 0.0 | 2.9 | 0.0 | 0.0 | 0.0 | 0.0 | 1.6 | 0.6 | 0.0 | 1.0 | 0.0 | 0.0 | 3.1 | 0.0 | 0.0 | 0.0 |
| Pertussis | Cases | 0 | 1 | 0 | 4 | 14 | 0 | 1 | 1 | 0 | 15 | 0 | 3 | 8 | 8 | 0 | 5 | 9 | 7 | 1 | 3 |
| | Rate | 3.2 | 9.9 | 20.7 | 10.0 | 17.6 | 7.8 | 15.2 | 32.3 | 22.9 | 29.0 | 12.7 | 17.3 | 26.4 | 31.2 | 2.5 | 26.1 | 110.0 | 18.3 | 3.6 | 18.8 |
| Rheumatic fever | Cases | 1 | 0 | 2 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Rate | 10.2 | 1.5 | 1.8 | 10.8 | 3.0 | 4.9 | 2.4 | 10.8 | 0.9 | 4.5 | 3.2 | 3.6 | 7.0 | 3.1 | 0.0 | 1.4 | 0.0 | 0.8 | 0.0 | 0.0 |
| Rickettsial disease | Cases | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Rate | 0.0 | 0.4 | 0.2 | 0.2 | 1.1 | 0.0 | 0.0 | 0.0 | 0.9 | 0.0 | 1.6 | 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 | 0.6 | 0.2 | 0.4 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 0.7 | 0.0 | 0.0 | 0.0 | 0.4 | 1.8 | 0.7 |
| Salmonellosis | Cases | 3 | 12 | 6 | 3 | 8 | 1 | 0 | 2 | 3 | 1 | 0 | 1 | 1 | 4 | 0 | 1 | 0 | 5 | 0 | 5 |
| | Rate | 22.9 | 21.4 | 24.0 | 14.5 | 28.3 | 20.5 | 16.7 | 34.4 | 22.0 | 25.1 | 20.6 | 18.5 | 22.9 | 22.7 | 42.2 | 36.9 | 27.5 | 33.3 | 59.1 | 69.9 |
| Shigellosis | Cases | 0 | 1 | 2 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Rate | 0.0 | 4.3 | 3.8 | 3.3 | 1.1 | 1.0 | 1.4 | 0.0 | 0.0 | 0.6 | 0.0 | 0.0 | 0.0 | 1.7 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 1.0 |
| Tuberculosis disease | Cases | 0 | 2 | 5 | 3 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 1 | 6 | 0 | 1 | 0 | 1 | 0 | 2 |
| | Rate | 4.4 | 4.7 | 16.7 | 11.0 | 6.6 | 1.0 | 5.2 | 4.3 | 1.8 | 10.9 | 3.2 | 7.2 | 10.4 | 14.1 | 0.0 | 2.9 | 3.1 | 3.3 | 3.6 | 2.0 |
| Typhoid fever | Cases | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Rate | 0.6 | 1.9 | 1.6 | 2.0 | 0.0 | 1.0 | 1.4 | 0.0 | 0.0 | 0.6 | 0.0 | 0.6 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 |
| VTEC/STEC infection | Cases | 1 | 3 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| | Rate | 6.4 | 3.5 | 2.4 | 3.7 | 9.6 | 8.8 | 3.8 | 17.2 | 5.5 | 3.9 | 0.0 | 1.8 | 2.8 | 1.7 | 5.0 | 1.4 | 6.1 | 3.5 | 5.4 | 1.6 |
| Yersiniosis | Cases | 0 | 4 | 6 | 7 | 18 | 3 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 7 | 1 | 0 |
| | Rate | 3.2 | 12.8 | 10.7 | 8.4 | 16.2 | 11.7 | 7.6 | 12.9 | 18.3 | 7.7 | 6.3 | 5.4 | 13.2 | 16.8 | 7.4 | 6.5 | 18.3 | 8.9 | 14.3 | 4.6 |

[1] These data are provisional

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

Cases[1] and current rate[2] for July 2011 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 | 15 | 52 | 38 | 46 | 44 | 8 | 14 | 6 | 11 | 30 | 6 | 25 | 30 | 47 | 3 | 15 | 6 | 57 | 5 | 33 |
| | Rate | 124.6 | 134.6 | 122.4 | 99.7 | 184.1 | 165.7 | 134.7 | 79.6 | 181.2 | 200.3 | 99.7 | 138.7 | 165.5 | 174.7 | 153.9 | 164.4 | 158.9 | 180.0 | 213.0 | 202.8 |
| Cryptosporidiosis | Cases | 2 | 1 | 2 | 1 | 7 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 1 | 0 | 1 |
| | Rate | 26.7 | 8.4 | 7.8 | 5.5 | 39.2 | 13.6 | 8.1 | 12.9 | 29.3 | 22.5 | 6.3 | 10.8 | 13.9 | 10.0 | 17.4 | 8.0 | 21.4 | 17.1 | 84.1 | 20.1 |
| Dengue fever | Cases | 0 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Rate | 1.3 | 1.3 | 2.0 | 1.0 | 1.9 | 1.9 | 1.0 | 2.2 | 0.9 | 0.0 | 1.6 | 0.0 | 0.0 | 2.1 | 0.0 | 0.0 | 0.0 | 0.4 | 1.8 | 1.6 |
| Gastroenteritis | Cases | 2 | 1 | 2 | 3 | 2 | 0 | 4 | 0 | 1 | 0 | 0 | 1 | 1 | 3 | 0 | 0 | 0 | 4 | 0 | 3 |
| | Rate | 1.3 | 11.2 | 14.0 | 7.9 | 5.5 | 8.8 | 5.7 | 2.2 | 11.0 | 0.0 | 19.0 | 41.3 | 32.7 | 30.6 | 9.9 | 6.5 | 39.7 | 22.8 | 7.2 | 4.3 |
| Giardiasis | Cases | 9 | 11 | 12 | 14 | 11 | 2 | 13 | 1 | 6 | 6 | 2 | 5 | 4 | 20 | 0 | 4 | 4 | 10 | 3 | 8 |
| | Rate | 36.9 | 39.1 | 64.0 | 43.0 | 47.5 | 44.8 | 52.4 | 17.2 | 21.1 | 51.5 | 7.9 | 17.3 | 51.5 | 65.2 | 17.4 | 34.8 | 36.7 | 44.3 | 51.9 | 44.2 |
| Haemophilus influenzae type b | Cases | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Rate | 0.6 | 0.2 | 0.2 | 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 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 |
| | Rate | 0.0 | 0.2 | 0.9 | 1.2 | 0.8 | 0.0 | 0.0 | 4.3 | 0.0 | 1.9 | 1.6 | 0.0 | 0.0 | 1.0 | 0.0 | 0.7 | 0.0 | 0.8 | 0.0 | 0.0 |
| Hepatitis B | Cases | 1 | 1 | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 1 | 0 | 0 |
| | Rate | 1.3 | 0.9 | 2.2 | 1.2 | 0.5 | 5.8 | 1.4 | 17.2 | 0.0 | 1.3 | 1.6 | 0.0 | 2.1 | 0.0 | 0.0 | 0.7 | 0.0 | 1.6 | 1.8 | 1.0 |
| Hepatitis C | Cases | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Rate | 0.0 | 0.6 | 0.2 | 0.4 | 0.3 | 0.0 | 0.5 | 0.0 | 0.0 | 1.3 | 0.0 | 1.2 | 0.7 | 1.0 | 0.0 | 0.0 | 0.0 | 1.2 | 1.8 | 1.0 |
| Invasive pneumococcal disease | Cases | 1 | 7 | 11 | 10 | 6 | 3 | 6 | 0 | 1 | 2 | 0 | 4 | 2 | 1 | 2 | 3 | 0 | 8 | 2 | 2 |
| | Rate | 11.4 | 10.1 | 10.4 | 14.7 | 13.7 | 23.4 | 14.3 | 6.5 | 9.2 | 16.7 | 14.2 | 9.0 | 14.6 | 4.5 | 12.4 | 9.4 | 3.1 | 11.0 | 10.7 | 13.2 |
| Lead absorption | Cases | 0 | 2 | 2 | 3 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 1 | 1 | 0 |
| | Rate | 1.9 | 7.3 | 10.4 | 6.3 | 3.0 | 0.0 | 1.9 | 2.2 | 6.4 | 7.7 | 9.5 | 4.2 | 11.1 | 3.4 | 5.0 | 2.9 | 6.1 | 2.6 | 12.5 | 6.6 |
| Legionellosis | Cases | 1 | 3 | 10 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 3 | 0 | 2 | 1 | 0 |
| | Rate | 4.4 | 4.8 | 4.9 | 3.5 | 1.9 | 1.0 | 3.3 | 0.0 | 0.9 | 1.3 | 1.6 | 0.6 | 0.7 | 1.4 | 2.5 | 6.5 | 6.1 | 14.4 | 1.8 | 7.3 |
| Leptospirosis | Cases | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 1 | 1 | 0 |
| | Rate | 4.4 | 0.6 | 0.2 | 0.8 | 0.8 | 0.0 | 2.4 | 8.6 | 1.8 | 9.0 | 14.2 | 4.8 | 0.0 | 0.0 | 5.0 | 2.2 | 9.2 | 1.2 | 5.4 | 1.0 |
| Listeriosis | Cases | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| | Rate | 0.0 | 0.4 | 0.7 | 0.8 | 0.5 | 1.0 | 1.0 | 0.0 | 0.9 | 0.0 | 1.6 | 0.0 | 2.1 | 0.3 | 0.0 | 0.0 | 0.0 | 0.4 | 0.0 | 0.0 |
| Malaria | Cases | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Rate | 0.0 | 1.3 | 3.1 | 1.2 | 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 | 0.3 |
| Measles | Cases | 1 | 45 | 4 | 1 | 10 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 |
| | Rate | 0.6 | 17.7 | 4.7 | 2.9 | 2.7 | 1.0 | 0.0 | 2.2 | 0.0 | 16.1 | 0.0 | 0.0 | 0.7 | 0.3 | 2.5 | 1.4 | 3.1 | 1.4 | 0.0 | 0.0 |
| Meningococcal disease | Cases | 2 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 2 |
| | Rate | 1.9 | 1.7 | 1.1 | 2.4 | 2.5 | 4.9 | 1.4 | 0.0 | 0.9 | 3.2 | 4.7 | 2.4 | 3.5 | 1.4 | 2.5 | 1.4 | 3.1 | 1.8 | 1.8 | 3.3 |
| Mumps | Cases | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 | 3 | 0 | 1 | 0 | 0 |
| | Rate | 0.6 | 1.1 | 2.0 | 1.0 | 0.8 | 0.0 | 1.4 | 0.0 | 1.8 | 1.3 | 0.0 | 0.6 | 1.4 | 0.7 | 0.0 | 7.2 | 0.0 | 1.2 | 0.0 | 0.7 |
| Paratyphoid fever | Cases | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Rate | 0.0 | 0.0 | 1.3 | 0.0 | 0.0 | 2.9 | 0.0 | 0.0 | 0.0 | 0.0 | 1.6 | 0.6 | 0.0 | 1.0 | 0.0 | 0.0 | 3.1 | 0.0 | 0.0 | 0.0 |
| Pertussis | Cases | 0 | 1 | 0 | 4 | 14 | 0 | 1 | 1 | 0 | 15 | 0 | 3 | 8 | 8 | 0 | 5 | 9 | 7 | 1 | 3 |
| | Rate | 3.2 | 9.9 | 20.7 | 10.0 | 17.6 | 7.8 | 15.2 | 32.3 | 22.9 | 29.0 | 12.7 | 17.3 | 26.4 | 31.2 | 2.5 | 26.1 | 110.0 | 18.3 | 3.6 | 18.8 |
| Rheumatic fever | Cases | 1 | 0 | 2 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Rate | 10.2 | 1.5 | 1.8 | 10.8 | 3.0 | 4.9 | 2.4 | 10.8 | 0.9 | 4.5 | 3.2 | 3.6 | 7.0 | 3.1 | 0.0 | 1.4 | 0.0 | 0.8 | 0.0 | 0.0 |
| Rickettsial disease | Cases | 0 | 0 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Rate | 0.0 | 0.4 | 0.2 | 0.2 | 1.1 | 0.0 | 0.0 | 0.0 | 0.9 | 0.0 | 1.6 | 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 | 0.6 | 0.2 | 0.4 | 0.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.7 | 0.7 | 0.0 | 0.0 | 0.0 | 0.4 | 1.8 | 0.7 |
| Salmonellosis | Cases | 3 | 12 | 6 | 3 | 8 | 1 | 0 | 2 | 3 | 1 | 0 | 1 | 1 | 4 | 0 | 1 | 0 | 5 | 0 | 5 |
| | Rate | 22.9 | 21.4 | 24.0 | 14.5 | 28.3 | 20.5 | 16.7 | 34.4 | 22.0 | 25.1 | 20.6 | 18.5 | 22.9 | 22.7 | 42.2 | 36.9 | 27.5 | 33.3 | 59.1 | 69.9 |
| Shigellosis | Cases | 0 | 1 | 2 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Rate | 0.0 | 4.3 | 3.8 | 3.3 | 1.1 | 1.0 | 1.4 | 0.0 | 0.0 | 0.6 | 0.0 | 0.0 | 0.0 | 1.7 | 0.0 | 0.0 | 0.0 | 1.0 | 0.0 | 1.0 |
| Tuberculosis disease | Cases | 0 | 2 | 5 | 3 | 1 | 0 | 0 | 0 | 1 | 0 | 1 | 2 | 1 | 6 | 0 | 1 | 0 | 1 | 0 | 2 |
| | Rate | 4.4 | 4.7 | 16.7 | 11.0 | 6.6 | 1.0 | 5.2 | 4.3 | 1.8 | 10.9 | 3.2 | 7.2 | 10.4 | 14.1 | 0.0 | 2.9 | 3.1 | 3.3 | 3.6 | 2.0 |
| Typhoid fever | Cases | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | Rate | 0.6 | 1.9 | 1.6 | 2.0 | 0.0 | 1.0 | 1.4 | 0.0 | 0.0 | 0.6 | 0.0 | 0.6 | 0.0 | 0.3 | 0.0 | 0.0 | 0.0 | 0.2 | 0.0 | 0.0 |
| VTEC/STEC infection | Cases | 1 | 3 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| | Rate | 6.4 | 3.5 | 2.4 | 3.7 | 9.6 | 8.8 | 3.8 | 17.2 | 5.5 | 3.9 | 0.0 | 1.8 | 2.8 | 1.7 | 5.0 | 1.4 | 6.1 | 3.5 | 5.4 | 1.6 |
| Yersiniosis | Cases | 0 | 4 | 6 | 7 | 18 | 3 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 7 | 1 | 0 |
| | Rate | 3.2 | 12.8 | 10.7 | 8.4 | 16.2 | 11.7 | 7.6 | 12.9 | 18.3 | 7.7 | 6.3 | 5.4 | 13.2 | 16.8 | 7.4 | 6.5 | 18.3 | 8.9 | 14.3 | 4.6 |

[1] These data are provisional

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

| Disease | Cases for the 12 months ending July 2011[1] [2] by District Health Board | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Total | 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 | 6661 | 196 | 723 | 551 | 489 | 671 | 170 | 283 | 37 | 198 | 311 | 63 | 232 | 238 | 509 | 62 | 227 | 52 | 915 | 119 | 615 |
| Cryptosporidiosis | 687 | 42 | 45 | 35 | 27 | 143 | 14 | 17 | 6 | 32 | 35 | 4 | 18 | 20 | 29 | 7 | 11 | 7 | 87 | 47 | 61 |
| Dengue fever | 51 | 2 | 7 | 9 | 5 | 7 | 2 | 2 | 1 | 1 | 0 | 1 | 0 | 0 | 6 | 0 | 0 | 0 | 2 | 1 | 5 |
| Gastroenteritis | 594 | 2 | 60 | 63 | 39 | 20 | 9 | 12 | 1 | 12 | 0 | 12 | 69 | 47 | 89 | 4 | 9 | 13 | 116 | 4 | 13 |
| Giardiasis | 1960 | 58 | 210 | 288 | 211 | 173 | 46 | 110 | 8 | 23 | 80 | 5 | 29 | 74 | 190 | 7 | 48 | 12 | 225 | 29 | 134 |
| Haemophilus influenzae type b | 9 | 1 | 1 | 1 | 0 | 0 | 0 | 1 | 0 | 2 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 |
| Hepatitis A | 28 | 0 | 1 | 4 | 6 | 3 | 0 | 0 | 2 | 0 | 3 | 1 | 0 | 0 | 3 | 0 | 1 | 0 | 4 | 0 | 0 |
| Hepatitis B | 61 | 2 | 5 | 10 | 6 | 2 | 6 | 3 | 8 | 0 | 2 | 1 | 0 | 3 | 0 | 0 | 1 | 0 | 8 | 1 | 3 |
| Hepatitis C | 26 | 0 | 3 | 1 | 2 | 1 | 0 | 1 | 0 | 0 | 2 | 0 | 2 | 1 | 3 | 0 | 0 | 0 | 6 | 1 | 3 |
| Invasive pneumococcal disease | 513 | 18 | 54 | 47 | 72 | 50 | 24 | 30 | 3 | 10 | 26 | 9 | 15 | 21 | 13 | 5 | 13 | 1 | 56 | 6 | 40 |
| Lead absorption | 242 | 3 | 39 | 47 | 31 | 11 | 0 | 4 | 1 | 7 | 12 | 6 | 7 | 16 | 10 | 2 | 4 | 2 | 13 | 7 | 20 |
| Legionellosis | 205 | 7 | 26 | 22 | 17 | 7 | 1 | 7 | 0 | 1 | 2 | 1 | 1 | 1 | 4 | 1 | 9 | 2 | 73 | 1 | 22 |
| Leptospirosis | 80 | 7 | 3 | 1 | 4 | 3 | 0 | 5 | 4 | 2 | 14 | 9 | 8 | 0 | 0 | 2 | 3 | 3 | 6 | 3 | 3 |
| Listeriosis | 22 | 0 | 2 | 3 | 4 | 2 | 1 | 2 | 0 | 1 | 0 | 1 | 0 | 3 | 1 | 0 | 0 | 0 | 2 | 0 | 0 |
| Malaria | 45 | 0 | 7 | 14 | 6 | 1 | 0 | 5 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 5 | 0 | 2 | 1 | 1 |
| Measles | 181 | 1 | 95 | 21 | 14 | 10 | 1 | 0 | 1 | 0 | 25 | 0 | 0 | 1 | 1 | 1 | 2 | 1 | 7 | 0 | 0 |
| Meningococcal disease | 92 | 3 | 9 | 5 | 12 | 9 | 5 | 3 | 0 | 1 | 5 | 3 | 4 | 5 | 4 | 1 | 2 | 1 | 9 | 1 | 10 |
| Mumps | 54 | 1 | 6 | 9 | 5 | 3 | 0 | 3 | 0 | 2 | 2 | 0 | 1 | 2 | 2 | 0 | 10 | 0 | 6 | 0 | 2 |
| Paratyphoid fever | 15 | 0 | 0 | 6 | 0 | 0 | 3 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 3 | 0 | 0 | 1 | 0 | 0 | 0 |
| Pertussis | 780 | 5 | 53 | 93 | 49 | 64 | 8 | 32 | 15 | 25 | 45 | 8 | 29 | 38 | 91 | 1 | 36 | 36 | 93 | 2 | 57 |
| Rheumatic fever | 152 | 16 | 8 | 8 | 53 | 11 | 5 | 5 | 5 | 1 | 7 | 2 | 6 | 10 | 9 | 0 | 2 | 0 | 4 | 0 | 0 |
| Rickettsial disease | 10 | 0 | 2 | 1 | 1 | 4 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Rubella | 13 | 1 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 2 | 1 | 2 |
| Salmonellosis | 1202 | 36 | 115 | 108 | 71 | 103 | 21 | 35 | 16 | 24 | 39 | 13 | 31 | 33 | 66 | 17 | 51 | 9 | 169 | 33 | 212 |
| Shigellosis | 78 | 0 | 23 | 17 | 16 | 4 | 1 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 5 | 0 | 0 | 0 | 5 | 0 | 3 |
| Tuberculosis disease | 318 | 7 | 25 | 75 | 54 | 24 | 1 | 11 | 2 | 2 | 17 | 2 | 12 | 15 | 41 | 0 | 4 | 1 | 17 | 2 | 6 |
| Typhoid fever | 36 | 1 | 10 | 7 | 10 | 0 | 1 | 3 | 0 | 0 | 1 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 1 | 0 | 0 |
| VTEC/STEC infection | 174 | 10 | 19 | 11 | 18 | 35 | 9 | 8 | 8 | 6 | 6 | 0 | 3 | 4 | 5 | 2 | 2 | 2 | 18 | 3 | 5 |
| Yersiniosis | 454 | 5 | 69 | 48 | 41 | 59 | 12 | 16 | 6 | 20 | 12 | 4 | 9 | 19 | 49 | 3 | 9 | 6 | 45 | 8 | 14 |
| **Total** | **14743** | **424** | **1621** | **1507** | **1264** | **1420** | **340** | **601** | **124** | **373** | **649** | **147** | **478** | **552** | **1138** | **115** | **449** | **149** | **1891** | **270** | **1231** |

[1] These data are provisional

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

# National Notifiable Disease Surveillance Data July 2011

| Disease | Current Year - 2011[1] | | | Previous Year - 2010 | | |
|---|---|---|---|---|---|---|
| | July 2011 Cases | Cumulative total since 1 January | Current 12 Month Rate[2] | July 2010 Cases | Cumulative total since 1 January | Current 12 Month Rate[2] |
| Campylobacteriosis | 491 | 3287 | 152.5 | 441 | 3972 | 173.9 |
| Cryptosporidiosis | 19 | 183 | 15.7 | 28 | 450 | 21.8 |
| Dengue fever | 5 | 25 | 1.2 | 2 | 24 | 1.0 |
| Gastroenteritis [3] | 27 | 362 | 13.6 | 38 | 259 | 14.2 |
| Giardiasis | 145 | 1225 | 44.9 | 160 | 1250 | 43.2 |
| Haemophilus influenzae type b | 1 | 7 | 0.2 | 0 | 6 | 0.3 |
| Hepatitis A | 3 | 14 | 0.6 | 3 | 32 | 1.2 |
| Hepatitis B[4] | 8 | 41 | 1.4 | 6 | 31 | 1.2 |
| Hepatitis C[4] | 2 | 15 | 0.6 | 1 | 6 | 0.3 |
| Invasive pneumococcal disease | 71 | 281 | 11.7 | 83 | 303 | 13.9 |
| Lead absorption | 13 | 147 | 5.5 | 17 | 137 | 6.0 |
| Legionellosis | 26 | 107 | 4.7 | 12 | 75 | 2.4 |
| Leptospirosis | 9 | 50 | 1.8 | 6 | 50 | 2.0 |
| Listeriosis | 4 | 18 | 0.5 | 3 | 19 | 0.7 |
| Malaria | 2 | 31 | 1.0 | 5 | 30 | 1.1 |
| Measles | 64 | 170 | 4.1 | 0 | 37 | 3.6 |
| Meningococcal disease | 14 | 56 | 2.1 | 12 | 61 | 2.9 |
| Mumps | 10 | 43 | 1.2 | 6 | 30 | 1.4 |
| Paratyphoid fever | 1 | 10 | 0.3 | 4 | 14 | 0.5 |
| Pertussis | 80 | 447 | 17.9 | 67 | 539 | 27.0 |
| Rheumatic fever | 9 | 88 | 3.5 | 16 | 103 | 3.5 |
| Rickettsial disease | 4 | 6 | 0.2 | 7 | 10 | 0.3 |
| Rubella | 0 | 10 | 0.3 | 0 | 1 | 0.0 |
| Salmonellosis | 56 | 693 | 27.5 | 76 | 637 | 23.7 |
| Shigellosis | 7 | 55 | 1.8 | 18 | 81 | 2.8 |
| Tuberculosis disease | 26 | 199 | 7.3 | 31 | 185 | 7.1 |
| Typhoid fever | 3 | 28 | 0.8 | 3 | 23 | 0.7 |
| VTEC/STEC infection | 7 | 123 | 4.0 | 11 | 87 | 3.2 |
| Yersiniosis | 50 | 265 | 10.4 | 27 | 217 | 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 July 2011) or the previous year (12 months up to and including July 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 July: Chemical poisoning from the environment (1) , Hepatitis NOS (1) , Hydatid disease (1) , Taeniasis (2)