
MONTHLY SURVEILLANCE REPORT

Data contained within this monthly report is based on information recorded on EpiSurv by public health service staff up until 2 May 2006. 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

- *Campylobacter*: 793 campylobacter cases were notified in April 2006 compared to 729 cases notified in the same month of the previous year. Waitemata DHB recorded the highest number of cases (108). Overall, 31 cases were hospitalised. During the incubation period, 33 (4.2%) consumed food at a food premise (76/793 completed data field), 12 (1.5%) consumed untreated water (91/793 completed data field), 11 (1.4%) had faecal contact (98/793 completed data field), 8 (1.0%) had recreational water contact (96/793 completed data field), 5 (0.6%) had contact with a case (166/793 completed data field) and 3 (0.4%) had contact with sick animal (90/793). For the 12 month period ending 30 April 2006, South Canterbury DHB recorded the highest annual incidence rate of 651.7 per 100 000 population (344 cases) compared to the national rate of 397.1 per 100 000 population.
- *Haemophilus influenzae* type b disease (Hib): three Hib cases were notified in April 2006 (Figure 1). Of these, two were laboratory-confirmed and one is under investigation. The two cases aged between 1-4 years were vaccinated and the remaining case was aged 70+ years.
- *Hepatitis A*: 10 cases of Hepatitis A were notified in April 2006 compared to two notified cases in the same month of the previous year. The cases were reported from Counties Manukau (8), Whanganui (1) and Capital and Coast (1) DHBs. Five of the cases, all from Counties Manukau DHB had been to Tonga during the incubation period.

- *Meningococcal disease*: based on the earliest date available¹, seven cases of meningococcal disease were notified during April 2006, of which 6 (85.7%) were laboratory-confirmed, and none were fatal. In comparison, 14 cases were notified the previous month, March 2006, and 21 cases were notified during the same month last year April 2005. For the 12 month period ending 30 April 2006, Wairarapa DHB recorded the highest incidence rate of 10.5 per 100 000 population (4 cases) while Waikato DHB recorded the highest number of cases (31) with an incidence rate of 9.8 per 100 000 population. The highest age-specific incidence rate was in infants aged less than one year (56.7 per 100 000 population, 31 cases), followed by those in the 15-19 years age group (13.9 per 100 000 population, 37 cases).
- *Pertussis*: 64 pertussis cases were notified in April 2006, of whom 10 (15.6%) were laboratory confirmed. The number of pertussis notifications per month have decreased from the peak in November 2004 when 613 cases were notified (Figure 2). The number of cases per month are now around the average number reported (74.5 cases) between the two most recent pertussis epidemics (i.e. from mid-2001 to mid-2004). However, from 1997 to mid-1999 (the start of the epidemic that ended in 2001) monthly case numbers ranged between 5 and 39. Of the 64 cases notified in April 2006, 3 were reported as being hospitalised. Waikato DHB had the highest number of cases (21). For the 12 month period ending 30 April 2006, South Canterbury DHB had the highest incidence rate of 212.2 per 100 000 population (112 cases), compared to the national rate of 53.4 per 100 000 population. Over this period the incidence rate by age group was highest amongst infants aged less than one year (137.2 per 100 000 population). This was followed by children in the 10-14 years age group (95.6 per 100 000 population) and the 5-9 years age group (82.8 per 100 000 population).
- *Shigellosis*: 8 shigellosis cases were notified in April 2006 compared to 6 cases notified in the same month of the previous year. The cases were from Waitemata (2), Auckland (2), Capital and Coast (2), Counties Manukau (1) and Hawke's Bay (1) DHBs. For 6 of the 8 cases the ESR Enteric Reference Laboratory received an isolate. The species involved were: *Shigella sonnei* Biotype a (3), *S. sonnei* Biotype g (1), *S. flexneri* 6 (1) and *S. flexneri* y variant (1).

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

ESR received four completed reports via EpiSurv for outbreaks during April 2006. These are summarised in the table below.

Summary of completed outbreaks reported to ESR during April 2006

| Organism/Toxin/Illness | Reporting Public Health Unit | Number of outbreaks | Total number of cases |
|-------------------------------|------------------------------|---------------------|-----------------------|
| <i>Cryptosporidium parvum</i> | AK | 1 | 2 |
| Norovirus | HB, OT, WN | 3 | 124 |
| Total | | 4 | 126 |

AK=Auckland; HB=Hawke's Bay; OT=Otago; WN=Wellington

Interim outbreak reports

The following outbreaks have been reported as interim. The status of the outbreak and cases involved are subject to change, as more data becomes available.

Summary of interim outbreaks reported to ESR during April 2006

| Organism/Toxin/Illness | Reporting Public Health Unit | Number of outbreaks | Total number of cases |
|-------------------------------|------------------------------|---------------------|-----------------------|
| <i>Campylobacter</i> | AK | 1 | 2 |
| <i>Cryptosporidium parvum</i> | AK | 1 | - |
| Gastroenteritis | AK | 6 | 22 |
| <i>Giardia</i> | AK | 2 | 6 |
| Norovirus | AK, WN | 3 | 5 |
| Pertussis | WN | 1 | - |
| <i>Salmonella</i> | AK | 1 | 2 |
| <i>Shigella</i> | AK | 1 | - |
| VTEC/STEC | AK | 1 | 2 |
| Total | | 17 | 39 |

AK=Auckland; WN=Wellington

3. Deaths from notifiable diseases

No deaths were reported this month.

4. Trends in selected diseases to April 2006

Figure 1: Hepatitis A notifications by month, January 2001 to April 2006

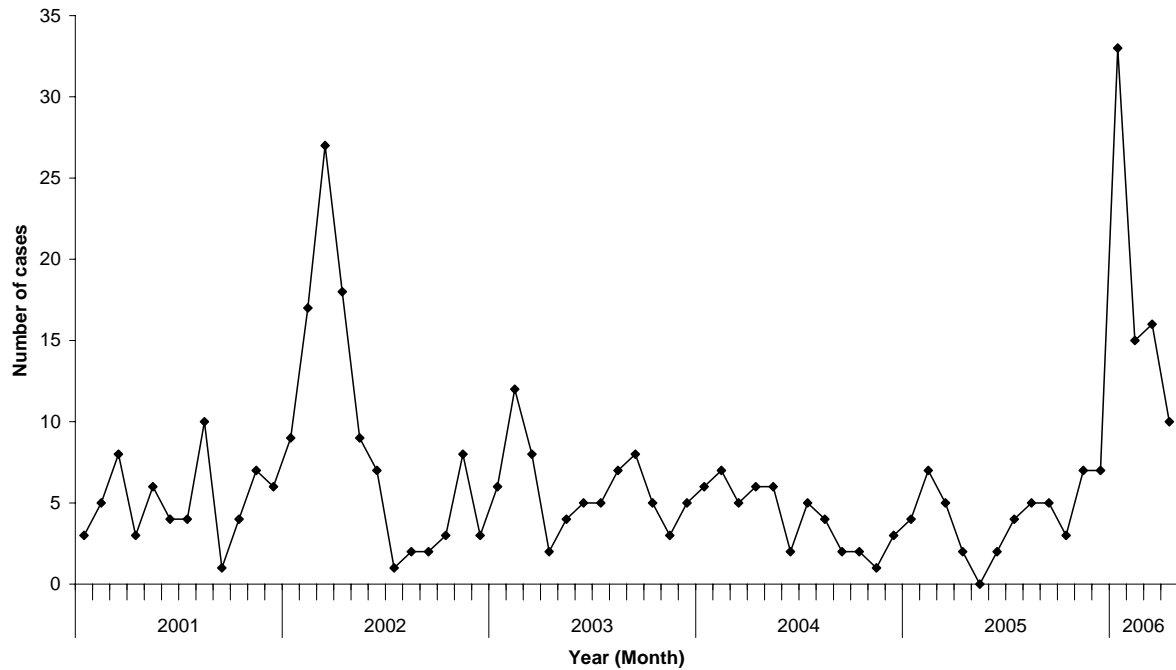
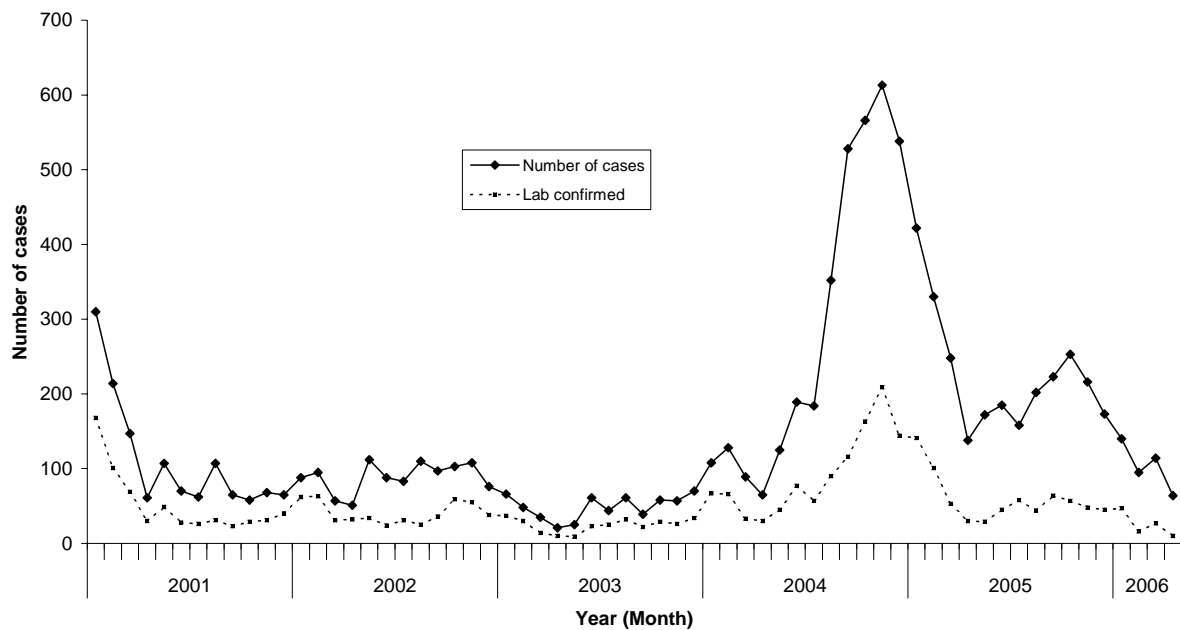


Figure 2: Pertussis notifications and laboratory confirmed cases by month, January 2001 to April 2006



4. Data Tables

Disease incidence and rates

| Disease ¹ | Current year - 2006 ² | | | Previous year - 2005 | | |
|-------------------------------------|----------------------------------|----------------------------------|---------------------------|----------------------|----------------------------------|----------------------------|
| | Apr 2006 cases | Cumulative total since 1 January | Current rate ³ | Apr 2005 cases | Cumulative total since 1 January | Previous rate ³ |
| AIDS ⁴ | 1 | 13 | 1.1 | 5 | 17 | 1.2 |
| Campylobacteriosis | 793 | 5142 | 397.1 | 729 | 4136 | 318.3 |
| Cryptosporidiosis | 23 | 117 | 22.2 | 52 | 175 | 19.3 |
| Dengue fever | 0 | 4 | 0.3 | 0 | 3 | 0.1 |
| Gastroenteritis ⁵ | 45 | 362 | 18.6 | 35 | 224 | 29.8 |
| Giardiasis | 79 | 395 | 32.1 | 99 | 425 | 36.7 |
| <i>H. influenzae</i> type b disease | 3 | 4 | 0.2 | 1 | 2 | 0.2 |
| Hepatitis A | 10 | 74 | 2.9 | 2 | 18 | 1.2 |
| Hepatitis B (acute) ⁶ | 3 | 20 | 1.7 | 8 | 16 | 1.1 |
| Hepatitis C (acute) ⁶ | 1 | 9 | 0.9 | 0 | 7 | 0.5 |
| Hydatid disease | 0 | 0 | 0.1 | 0 | 0 | 0 |
| Influenza ⁶ | 3 | 8 | 22.0 | 15 | 25 | 24.2 |
| Lead absorption | 8 | 32 | 2.1 | 7 | 26 | 2.4 |
| Legionellosis | 6 | 23 | 2.2 | 5 | 25 | 1.6 |
| Leprosy | 0 | 2 | 0.1 | 0 | 1 | 0.1 |
| Leptospirosis | 6 | 32 | 2.3 | 9 | 31 | 2.5 |
| Listeriosis | 0 | 7 | 0.5 | 0 | 8 | 0.6 |
| Malaria | 0 | 9 | 0.6 | 5 | 17 | 0.9 |
| Measles | 2 | 9 | 0.7 | 0 | 3 | 0.6 |
| Meningococcal disease ⁸ | 7 | 38 | 5.2 | 20 | 71 | 8.9 |
| Mumps | 3 | 13 | 1.6 | 3 | 14 | 1.3 |
| Paratyphoid fever | 1 | 8 | 0.6 | 3 | 11 | 0.7 |
| Pertussis | 64 | 413 | 53.4 | 138 | 1138 | 113.3 |
| Rheumatic fever | 15 | 37 | 2.4 | 3 | 25 | 2.0 |
| Rickettsial disease | 0 | 0 | 0 | 0 | 0 | 0.1 |
| Rubella | 1 | 4 | 0.4 | 0 | 2 | 0.5 |
| Salmonellosis | 137 | 588 | 39.0 | 146 | 513 | 30.9 |
| SARS | 0 | 0 | 0 | 0 | 0 | 0 |
| Shigellosis | 8 | 49 | 5.3 | 6 | 34 | 3.5 |
| Tetanus | 0 | 1 | 0 | 0 | 1 | 0.1 |
| Tuberculosis | 10 | 92 | 8.5 | 35 | 118 | 10.3 |
| Typhoid fever | 0 | 9 | 0.7 | 1 | 11 | 0.8 |
| VTEC / STEC infection | 8 | 44 | 2.4 | 24 | 46 | 2.6 |
| Yersiniosis | 26 | 139 | 11.1 | 30 | 132 | 9.8 |

Notes: ¹ Other notifiable infectious diseases reported in April: Nil

² These data are provisional.

³ Rate is based on the cumulative total for the current year (12 months up to and including April 2006) or the previous year (12 months up to and including April 2005), expressed as cases per 100 000

⁴ All Aids data is provisional. Further information is available from the Aids Epidemiology Group, University of Otago.

⁵ Cases of gastroenteritis from a common source or foodborne intoxication. Eg: staphylococcal intoxication

⁶ Only acute cases of this disease are currently notifiable

⁷ Surveillance data based on laboratory-reported cases only (as reported in ESR's Virology Weekly Reports)

⁸ These totals and rates are based on the EpiSurv report date as opposed to the earliest available date used in the meningococcal disease section

Monthly totals for April 2006 and preceding 12 months¹

| Disease | Apr 2006 | Mar 2006 | Feb 2006 | Jan 2006 | Dec 2005 | Nov 2005 | Oct 2005 | Sep 2005 | Aug 2005 | Jul 2005 | Jun 2005 | May 2005 | Apr 2005 |
|------------------------------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| AIDS ² | 1 | 2 | 7 | 3 | 1 | 1 | 4 | 3 | 4 | 1 | 3 | 12 | 5 |
| Campylobacteriosis | 793 | 1258 | 1460 | 1631 | 1610 | 1666 | 1372 | 1387 | 1262 | 914 | 741 | 748 | 729 |
| Cryptosporidiosis | 23 | 28 | 23 | 43 | 26 | 107 | 229 | 176 | 72 | 26 | 33 | 45 | 52 |
| Dengue fever | 0 | 2 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 4 | 1 | 0 | 0 |
| Gastroenteritis ³ | 45 | 116 | 135 | 66 | 18 | 43 | 44 | 40 | 42 | 36 | 56 | 54 | 35 |
| Giardiasis | 79 | 117 | 100 | 99 | 106 | 98 | 81 | 93 | 123 | 97 | 90 | 118 | 99 |
| Haemophilus influenzae type b | 3 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 2 | 0 | 0 | 1 | 1 |
| Hepatitis A | 10 | 16 | 15 | 33 | 7 | 7 | 3 | 5 | 5 | 4 | 2 | 0 | 2 |
| Hepatitis B (acute) ⁴ | 3 | 7 | 2 | 8 | 9 | 4 | 7 | 6 | 3 | 6 | 5 | 4 | 8 |
| Hepatitis C (acute) ⁴ | 1 | 2 | 3 | 3 | 2 | 3 | 2 | 2 | 3 | 1 | 7 | 3 | 0 |
| Hydatid disease | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 |
| Influenza ⁵ | 3 | 4 | 0 | 1 | 3 | 3 | 3 | 40 | 51 | 393 | 278 | 45 | 15 |
| Lead absorption | 8 | 5 | 8 | 11 | 6 | 4 | 4 | 6 | 4 | 6 | 10 | 5 | 7 |
| Legionellosis | 6 | 6 | 8 | 3 | 9 | 5 | 9 | 4 | 10 | 12 | 2 | 9 | 5 |
| Leprosy | 0 | 1 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Leptospirosis | 6 | 5 | 13 | 8 | 5 | 2 | 13 | 7 | 10 | 7 | 7 | 4 | 9 |
| Listeriosis | 0 | 1 | 0 | 6 | 3 | 3 | 0 | 2 | 2 | 2 | 0 | 0 | 0 |
| Malaria | 0 | 4 | 3 | 2 | 1 | 2 | 0 | 1 | 0 | 3 | 2 | 6 | 5 |
| Measles | 2 | 1 | 5 | 1 | 0 | 3 | 5 | 0 | 3 | 1 | 1 | 3 | 0 |
| Meningococcal disease ⁶ | 7 | 14 | 9 | 8 | 11 | 17 | 16 | 13 | 18 | 36 | 28 | 16 | 20 |
| Mumps | 3 | 7 | 1 | 2 | 2 | 5 | 9 | 7 | 12 | 5 | 3 | 4 | 3 |
| Paratyphoid fever | 1 | 3 | 2 | 2 | 1 | 0 | 3 | 1 | 3 | 1 | 2 | 3 | 3 |
| Pertussis | 64 | 114 | 95 | 140 | 173 | 216 | 253 | 223 | 202 | 158 | 185 | 172 | 138 |
| Rheumatic Fever | 15 | 6 | 2 | 14 | 5 | 6 | 14 | 4 | 10 | 6 | 3 | 5 | 3 |
| Rickettsial disease | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 |
| Rubella | 1 | 3 | 0 | 0 | 0 | 1 | 1 | 1 | 2 | 2 | 1 | 3 | 0 |
| Salmonellosis | 137 | 146 | 159 | 146 | 119 | 131 | 124 | 132 | 107 | 66 | 94 | 96 | 146 |
| SARS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Shigellosis | 8 | 8 | 15 | 18 | 16 | 53 | 24 | 7 | 9 | 10 | 11 | 19 | 6 |
| Tetanus | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Tuberculosis | 10 | 28 | 30 | 24 | 24 | 27 | 30 | 22 | 37 | 21 | 33 | 33 | 35 |
| Typhoid fever | 0 | 2 | 1 | 6 | 3 | 1 | 0 | 0 | 2 | 3 | 7 | 3 | 1 |
| VTEC/STEC infection | 8 | 20 | 8 | 8 | 5 | 4 | 10 | 6 | 10 | 2 | 4 | 5 | 24 |
| Yersiniosis | 26 | 35 | 34 | 44 | 22 | 51 | 44 | 28 | 40 | 32 | 24 | 34 | 30 |

Notes: ¹ Later data are provisional

² All Aids data is provisional. Further information is available from the Aids Epidemiology Group, University of Otago.

³ Cases of gastroenteritis from a common source or foodborne intoxication eg, staphylococcal intoxication or toxic shellfish poisoning

⁴ Only acute cases of this disease are currently notifiable

⁵ Surveillance data based on laboratory-reported cases only (as reported in ESR's Virology Weekly Reports)

⁶ These totals are based on the EpiSurv report date as opposed to the earliest available date used in the meningococcal disease section

Surveillance data by District Health Board - April 2006

Cases this month

Current rate¹

| | Cases for April 2006, ² and current rate ^{1,2} by District Health Board ^{3,4} | | | | | | | | | | | | | | | | | | | | | |
|------------------------------------|--|-----------|----------|------------------|---------|-------|---------------|------------|----------|-------------|-----------|------------|-------|-------------------|-----------|--------------------|------------|------------|------------------|-------|-----------|--|
| | Northland | Waitemata | Auckland | Counties Manukau | Waikato | Lakes | Bay of Plenty | Tairāwhiti | Taranaki | Hawke's Bay | Whanganui | MidCentral | Hutt | Capital and Coast | Wairarapa | Nelson Marlborough | West Coast | Canterbury | South Canterbury | Otago | Southland | |
| Disease | | | | | | | | | | | | | | | | | | | | | | |
| AIDS ⁵ | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | |
| | 1.4 | 1.5 | 1.5 | 0.6 | 1.0 | 0 | 0 | 0 | 1.4 | 0 | 0 | 2.1 | 0 | 0.8 | 2.1 | 4.4 | 0 | 0 | 0 | 1.0 | 0 | |
| Campylobacteriosis | 21 | 108 | 88 | 61 | 59 | 25 | 33 | 0 | 29 | 27 | 11 | 14 | 24 | 81 | 2 | 20 | 6 | 98 | 16 | 41 | 29 | |
| | 229.8 | 427.0 | 404.4 | 321.7 | 382.7 | 390.7 | 316.0 | 195.7 | 460.0 | 367.8 | 287.7 | 205.2 | 414.9 | 522.2 | 209.4 | 334.8 | 310.6 | 502.9 | 651.7 | 505.4 | 461.6 | |
| Cryptosporidiosis | 0 | 4 | 1 | 0 | 1 | 0 | 3 | 0 | 0 | 2 | 0 | 0 | 1 | 1 | 0 | 0 | 2 | 5 | 1 | 1 | 1 | |
| | 15.0 | 7.2 | 9.8 | 9.1 | 37.1 | 41.7 | 19.6 | 20.5 | 18.4 | 29.9 | 34.6 | 25.8 | 12.1 | 26.8 | 39.3 | 22.0 | 72.7 | 25.5 | 90.9 | 25.8 | 34.8 | |
| Dengue fever | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0.5 | 0.5 | 0.5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.0 | 0 | 0 | 0 | 0 | 0 | 0.6 | 0 | |
| Gastroenteritis | 0 | 7 | 2 | 0 | 2 | 0 | 0 | 0 | 4 | 0 | 0 | 17 | 1 | 6 | 0 | 0 | 0 | 5 | 0 | 1 | 0 | |
| | 3.6 | 14.9 | 19.0 | 12.2 | 15.7 | 10.4 | 6.2 | 0 | 6.8 | 3.5 | 20.4 | 92.3 | 16.7 | 26.8 | 7.9 | 16.3 | 16.5 | 25.8 | 5.7 | 10.5 | 23.2 | |
| Giardiasis | 3 | 4 | 16 | 10 | 11 | 0 | 3 | 0 | 0 | 5 | 2 | 3 | 2 | 2 | 0 | 2 | 0 | 8 | 2 | 4 | 2 | |
| | 30.7 | 28.4 | 44.3 | 30.9 | 37.1 | 35.4 | 33.7 | 36.4 | 9.7 | 36.2 | 17.3 | 31.0 | 23.5 | 47.6 | 26.2 | 29.4 | 16.5 | 29.3 | 22.7 | 25.2 | 28.1 | |
| H. influenzae type b disease | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | |
| | 0 | 0.2 | 0.3 | 0.3 | 0.3 | 0 | 0.6 | 0 | 0 | 0 | 0 | 0 | 0 | 0.4 | 0 | 0 | 0 | 0.5 | 1.9 | 0 | 0 | |
| Hepatitis A | 0 | 0 | 0 | 8 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 2.1 | 2.1 | 2.4 | 6.9 | 2.2 | 2.1 | 0.6 | 0 | 1.0 | 0 | 4.7 | 1.3 | 1.5 | 1.2 | 0 | 0 | 0 | 8.9 | 0 | 0.6 | 0 | |
| Hepatitis B | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0.7 | 2.1 | 3.3 | 2.9 | 0.3 | 1.0 | 1.1 | 4.6 | 0 | 0.7 | 1.6 | 0.6 | 0 | 0.4 | 2.6 | 0.8 | 0 | 3.5 | 0 | 1.8 | 1.0 | |
| Hepatitis C | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | |
| | 1.4 | 0 | 0.8 | 0 | 0 | 2.1 | 0.6 | 2.3 | 1.9 | 0 | 0 | 0 | 2.3 | 0 | 2.6 | 0 | 3.3 | 3.5 | 0 | 0.6 | 0 | |
| Hydatids disease | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0.2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Lead absorption | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 4 | 0 | 0 | 0 | |
| | 1.4 | 0.7 | 1.4 | 0.3 | 3.1 | 1.0 | 1.1 | 4.6 | 3.9 | 0.7 | 4.7 | 4.5 | 3.0 | 3.3 | 2.6 | 1.6 | 0 | 3.0 | 3.8 | 3.5 | 0 | |
| Legionellosis | 0 | 0 | 0 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | |
| | 3.6 | 1.9 | 1.1 | 1.9 | 1.6 | 0 | 2.8 | 0 | 1.0 | 1.4 | 0 | 0.6 | 3.0 | 2.0 | 0 | 0 | 3.3 | 6.1 | 1.9 | 2.9 | 2.9 | |
| Leprosy | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0.3 | 0.3 | 0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Leptospirosis | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | |
| | 6.4 | 0 | 0 | 0.3 | 3.5 | 1.0 | 4.5 | 6.8 | 2.9 | 9.1 | 3.1 | 8.4 | 0 | 0.8 | 5.2 | 0 | 9.9 | 1.2 | 7.6 | 1.8 | 3.9 | |
| Listeriosis | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0.9 | 0.5 | 1.3 | 0.3 | 1.0 | 0.6 | 0 | 0 | 0.7 | 0 | 0.6 | 0 | 0.4 | 0 | 1.6 | 0 | 0 | 0 | 0 | 0 | |
| Malaria | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0.2 | 0.5 | 2.1 | 1.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2.4 | 0 | 0.8 | 3.3 | 0.2 | 0 | 0 | 0 | |
| Measles | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 1.4 | 0.5 | 0.3 | 0.3 | 0 | 1.7 | 0 | 0 | 0 | 1.6 | 0.6 | 0 | 0 | 0 | 1.6 | 6.6 | 1.2 | 1.9 | 0 | 0 | |
| Meningococcal disease ⁵ | 0 | 0 | 0 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | |
| | 1.4 | 3.7 | 4.1 | 6.9 | 9.8 | 6.3 | 3.9 | 0 | 2.9 | 5.6 | 0 | 7.7 | 2.3 | 1.6 | 10.5 | 5.7 | 3.3 | 6.1 | 5.7 | 9.4 | 2.9 | |
| Mumps | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 2.9 | 1.9 | 1.1 | 2.4 | 0.6 | 1.0 | 2.2 | 0 | 0 | 4.9 | 3.1 | 0 | 0 | 0.4 | 0 | 1.6 | 0 | 2.3 | 1.9 | 2.3 | 1.0 | |
| Paratyphoid fever | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 1.2 | 0.5 | 1.6 | 0 | 0 | 1.1 | 0 | 0 | 1.4 | 0 | 0 | 1.5 | 0.4 | 0 | 0 | 0 | 0.2 | 0 | 0 | 1.0 | |
| Pertussis | 0 | 1 | 0 | 0 | 21 | 3 | 4 | 0 | 1 | 1 | 0 | 0 | 3 | 2 | 0 | 1 | 3 | 18 | 3 | 2 | 1 | |
| | 7.8 | 10.0 | 3.8 | 6.4 | 99.5 | 44.8 | 87.0 | 9.1 | 5.8 | 35.5 | 3.1 | 15.5 | 30.3 | 17.1 | 0 | 64.5 | 66.1 | 182.2 | 212.2 | 67.4 | 112.3 | |
| Rheumatic fever | 3 | 0 | 1 | 9 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 5.0 | 0.9 | 1.9 | 9.1 | 1.9 | 2.1 | 0.6 | 2.3 | 0 | 4.9 | 1.6 | 1.9 | 4.6 | 3.7 | 0 | 0.8 | 0 | 0.2 | 0 | 0 | 0 | |
| Rickettsial disease | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0 | 0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Rubella | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0.5 | 1.4 | 0.3 | 0 | 0 | 1.7 | 0 | 0 | 0 | 0 | 0.6 | 0 | 0.4 | 0 | 0.8 | 0 | 0.2 | 0 | 0 | 0 | |
| Salmonellosis | 3 | 13 | 10 | 13 | 18 | 0 | 4 | 0 | 6 | 9 | 1 | 1 | 5 | 12 | 1 | 7 | 0 | 19 | 2 | 7 | 6 | |
| | 39.2 | 31.6 | 32.4 | 33.3 | 41.9 | 27.1 | 38.7 | 29.6 | 43.7 | 47.4 | 34.6 | 18.1 | 33.4 | 39.5 | 31.4 | 66.1 | 29.7 | 40.5 | 66.3 | 55.1 | 70.6 | |
| SARS | 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 | 0 | 0 | |
| Shigellosis | 0 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 33.5 | 6.5 | 10.6 | 6.9 | 2.2 | 2.1 | 2.8 | 0 | 1.0 | 2.1 | 6.3 | 0 | 3.0 | 4.5 | 0 | 0.8 | 0 | 2.6 | 7.6 | 2.9 | 0 | |
| Tetanus | 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 | 0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| Tuberculosis | 0 | 0 | 2 | 2 | 1 | 0 | 0 | 0 | 0 | 1 | 0 | 1 | 0 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 12.1 | 10.5 | 18.5 | 14.6 | 6.6 | 5.2 | 1.7 | 0 | 1.9 | 4.9 | 11.0 | 8.4 | 7.6 | 13.8 | 0 | 2.4 | 0 | 5.2 | 1.9 | 2.3 | 1.9 | |
| Typhoid fever | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 0 | 0.7 | 0.8 | 3.5 | 0.3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.8 | 0.4 | 0 | 0.8 | 0 | 0.5 | 3.8 | 0.6 | 0 | |
| VTEC / STEC | 0 | 3 | 0 | 2 | 1 | 0 | 1 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| | 1.4 | 1.4 | 1.1 | 1.3 | 5.4 | 6.3 | 4.5 | 0 | 1.9 | 2.8 | 0 | 0.6 | 0 | 0 | 0 | 4.1 | 3.3 | 2.8 | 11.4 | 4.7 | 2.9 | |
| Yersiniosis | 0 | 4 | 2 | 3 | 0 | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 3 | 0 | 0 | 2 | 4 | 2 | 1 | 1 | |
| | 1.4 | 9.5 | 10.6 | 8.0 | 6.0 | 9.4 | 6.7 | 6.8 | 4.9 | 8.4 | 22.0 | 6.5 | 3.8 | 23.6 | 0 | 12.2 | 39.7 | 17.3 | 24.6 | 18.7 | 8.7 | |

1 Current rate is based on the cumulative total for the 12 months up to and including April 2006 expressed as cases per 100 000

2 These data are provisional

3 - AIDS data is reported for the greater Auckland and Wellington areas, rather than by District Health Board

- All Aids data is provisional. Further information is available from the Aids Epidemiology Group, University of Otago.

4 Further data are available from the local medical officer of health

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