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## MONTHLY SURVEILLANCE REPORT

Data contained within this monthly report is based on information recorded on EpiSurv by public health service staff up until 5 March 2008. 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

- *Brucellosis*: One case of brucellosis still under investigation was notified in February 2008 from Auckland DHB. The case is thought to have travelled in Europe in October 2007.
- *Hydatid disease*: one case of hydatid disease was notified in February 2008. The case was from Hawke's Bay DHB. The case is thought to have acquired the disease approximately 40 years ago while helping out in a farm.
- *Legionellosis*: six cases of legionellosis were notified in February 2008 compared to two notified cases in the same month of the previous year. The cases were from Waitemata, Auckland, Lakes, Bay of Plenty, Canterbury and Otago DHBs (1 case each). Four cases were hospitalised. The cases were in the following age groups: 50-59 years (2), 70+ years (2), 40-49 years (1), and 60-69 years (1). The species involved was identified for five of the cases: *Legionella longbeachae* serogroup 1 (2), *L. longbeachae* (1), *L. longbeachae* serogroup 2 (1), and *L. pneumophila* serogroup 1 (1).
- *Listeriosis*: four cases of listeriosis were notified in February 2008, bringing the year to date total to seven. The cases were from Canterbury (2), Waikato (1), and Capital and Coast (1) DHBs. The cases were aged 70+ years (3) and 40-49 years (1). All four cases were hospitalised and had underlying illnesses.

- *Meningococcal disease*: based on the earliest date available<sup>1</sup>, four cases of meningococcal disease were notified during February 2008, all were laboratory-confirmed. In comparison, 11 cases were notified the previous month, January 2008, and five cases were notified during the same month last year, February 2007. For the 12 month period ending 29 February 2008, Hawke's Bay DHB recorded the highest incidence rate of 9.2 per 100 000 population (14 cases), followed by Tairāwhiti (6.5 per 100 000, 3 cases), and Taranaki (4.7 per 100 000, 5 cases). The highest age-specific incidence rate was in infants aged less than one year (29.1 per 100 000 population, 18 cases), followed by those in the 1-4 years age group (14.3 per 100 000 population, 33 cases), and those in the 5-9 years age group (4.1 per 100 000 population, 12 cases).
- *Rheumatic fever*: 74 cases of rheumatic fever (69 initial attack, 5 recurrent attack) were notified in February 2008. The cases were reported from Bay of Plenty (55), Lakes (10), Northland (3), Capital and Coast (3), MidCentral (2), and Waikato (1) DHBs. An important note is that 58 of the cases were late notifications from previous years.
- *Salmonellosis*: 163 cases of salmonellosis were notified in February 2008 compared to 100 notified cases in the same month of the previous year (Figure 2). The highest numbers of cases were reported from Canterbury (22 cases), Waitemata (17), and Capital and Coast (15) DHBs. Ten cases were hospitalised. The serotype involved was identified for 157 of the cases. The dominant serotypes were: *Salmonella* Infantis (16 cases), *S. Typhimurium* phage type 156 (13), *S. Mbandaka* (11), and *S. Typhimurium* phage type 160 (10).
- *VTEC/STEC*: 23 cases of VTEC/STEC were notified in February 2008 compared to 12 notified cases in the same month of the previous year. The cases were reported from Waitemata, Canterbury (5 cases each), Counties Manukau, Waikato, Capital and Coast (3 cases each), Northland, Auckland, Bay of Plenty and Hutt (1 case each) DHBs. Five cases were hospitalised. Age was recorded for 22/23 cases. Seven cases were aged less than five years, three cases were in the 5-9 years age group, and the remaining 12 cases were in the 10-69 years age group. The serotype involved was identified for all cases, as VTEC O157. Two cases in the 5-9 years age group had haemolytic uraemic syndrome (HUS).

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<sup>1</sup> 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*

Three outbreak reports were entered into EpiSurv and completed during February 2008. These are summarised in the table below.

### *Summary of completed outbreaks reported to ESR during February 2008*

<b>Organism/Toxin/Illness</b>	<b>Reporting Public Health District</b>	<b>Number of outbreaks</b>	<b>Total number of cases</b>
Gastroenteritis	Canterbury	1	17
<i>Giardia</i>	Auckland	1	2
Norovirus	Tauranga	1	19
<b>Total</b>		<b>3</b>	<b>38</b>

### *Interim outbreak reports*

The following interim outbreaks have been reported. 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 February 2008*

<b>Organism/Toxin/Illness</b>	<b>Reporting Public Health District</b>	<b>Number of outbreaks</b>	<b>Total number of cases</b>
Gastroenteritis	Auckland, Waikato, Hawke's Bay, Otago, Southland	14	29
Norovirus	Wellington	1	-
Wax ester fish poisoning	Auckland	1	2
<b>Total</b>		<b>16</b>	<b>31</b>

## 3. Deaths from notifiable diseases

Four deaths were reported for the month of February.

<b>Disease</b>	<b>District Health Board</b>	<b>Age group</b>	<b>Sex</b>
Legionellosis	Bay of Plenty	70+ years	F
Meningococcal disease	Taranaki	< 1 year	F
Salmonellosis	Nelson Marlborough	70+ years	F
Tuberculosis disease – new case	Auckland	70+ years	F

#### 4. Trends in selected diseases to February 2008

Figure 1: Salmonellosis notifications by month by year, January 2003 – February 2008

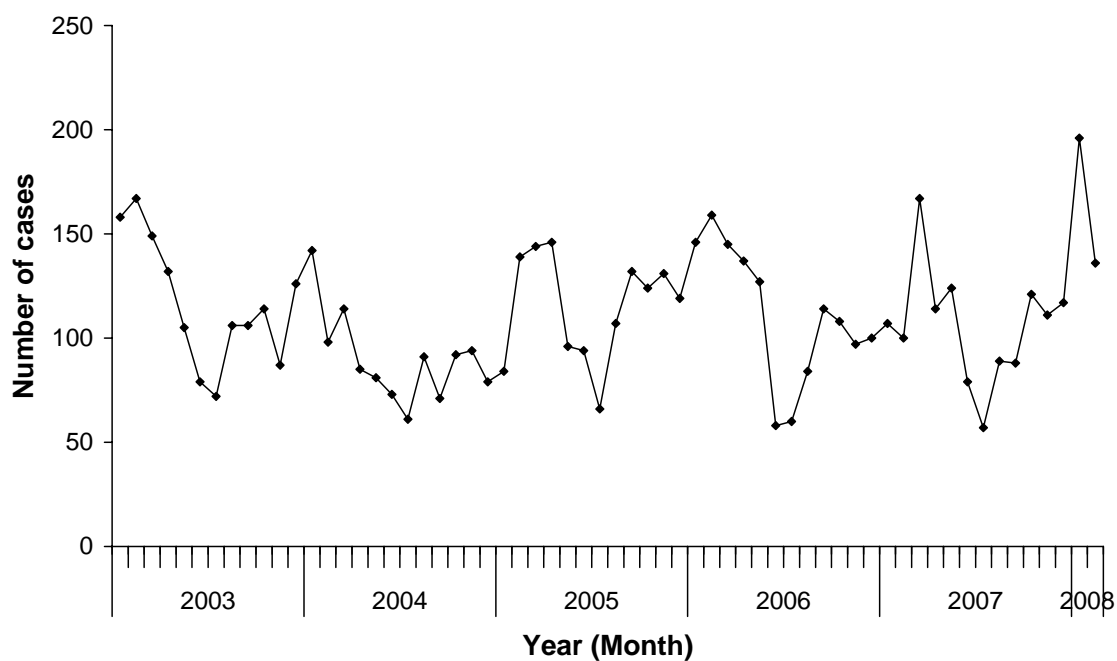
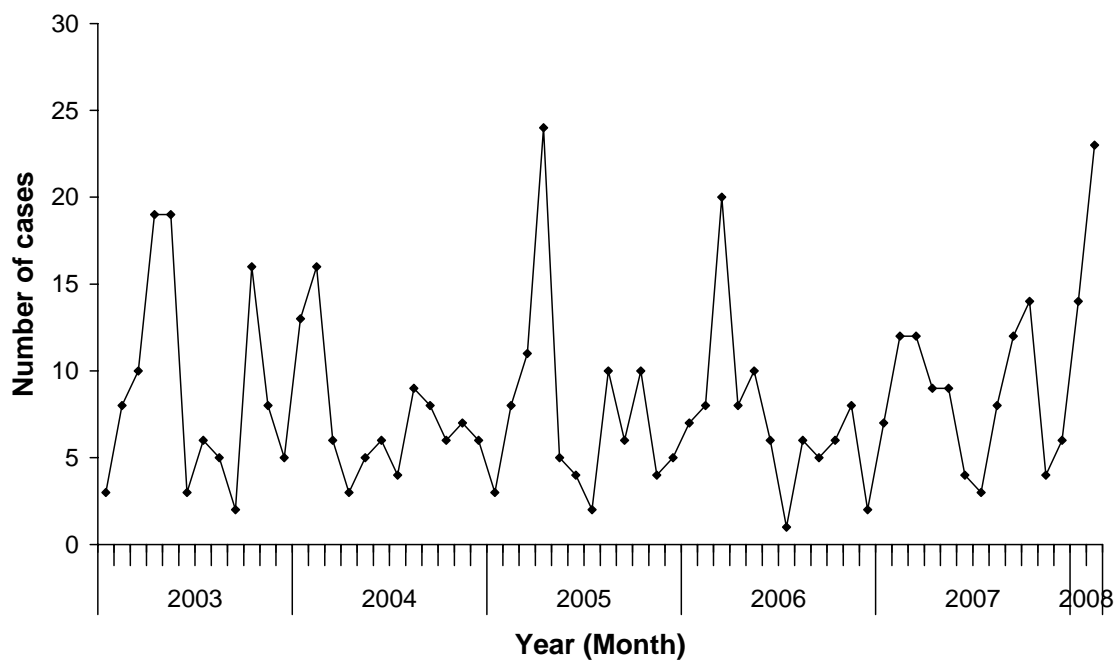


Figure 2: VTEC/STEC notifications by month by year, January 2003 – February 2008



## 5. Data Tables

National Surveillance Data February 2008

Disease	Current Year - 2008 <sup>1</sup>			Previous Year - 2007		
	February 2008 Cases	Cumulative total since 1 January	Current 12 Month Rate <sup>2</sup>	February 2007 Cases	Cumulative total since 1 January	Current 12 Month Rate <sup>2</sup>
Campylobacteriosis	614	1309	250.4	1454	3499	389.0
Cryptosporidiosis	32	59	20.6	67	110	18.7
Dengue fever	17	26	2.2	39	48	1.6
Gastroenteritis	48	112	14.5	57	121	20.6
Giardiasis	151	271	33.3	140	264	30.6
Haemophilus influenzae type b	1	4	0.4	3	3	0.3
Hepatitis A	6	12	1.0	8	11	2.1
Hepatitis B <sup>3</sup>	6	13	1.6	6	18	1.7
Hepatitis C <sup>4</sup>	4	6	0.8	2	6	0.8
Hydatid disease	1	2	0.2	0	0	0.0
Lead absorption	7	19	2.1	5	10	1.6
Legionellosis	6	15	1.6	2	15	1.3
Leprosy	0	0	0.2	1	1	0.1
Leptospirosis	11	18	1.4	9	23	2.2
Listeriosis	4	7	0.7	0	2	0.4
Malaria	2	5	0.7	0	1	0.6
Measles	1	1	0.5	1	3	0.4
Meningococcal disease <sup>5</sup>	4	16	2.6	4	13	3.7
Mumps	13	25	2.0	9	15	1.4
Paratyphoid fever	7	10	0.6	4	6	0.6
Pertussis	26	36	6.8	29	80	23.0
Rheumatic fever	74	77	5.0	1	5	2.3
Salmonellosis	163	359	33.7	100	207	29.6
Shigellosis	4	15	2.9	13	19	2.1
Tetanus	0	0	0.0	0	1	0.0
Tuberculosis disease	26	55	7.2	22	42	8.2
Typhoid fever	6	7	0.9	11	19	1.3
VTEC/STEC infection	23	37	2.8	12	19	2.2
Yersiniosis	54	120	13.1	46	92	12.0

<sup>1</sup> These data are provisional

<sup>2</sup> Rate is based on the cumulative total for the current year (12 months up to and including February 2008) or the previous year (12 months up to and including February 2007), expressed as cases per 100 000

<sup>3</sup> Cases of gastroenteritis from a common source or foodborne intoxication

<sup>4</sup> Only acute cases of this disease are currently notifiable

<sup>5</sup> 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

<sup>6</sup> Other notifiable infectious disease reported in February: Brucellosis (1)

Surveillance Data by District Health Board February 2008

		Cases <sup>1</sup> and current rate <sup>2</sup> for February 2008 by District Health Board <sup>3</sup>																					
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	23	72	71	49	44	13	22	3	7	27	11	14	33	43	2	14	3	84	16	41	22	
	Rate	219.0	285.2	280.7	209.8	260.6	249.3	197.2	76.3	326.2	271.9	246.9	177.8	275.6	298.2	134.0	217.8	192.2	255.2	307.7	244.8	234.7	
Cryptosporidiosis	Cases	1	3	1	2	1	0	3	0	0	1	0	2	2	2	2	3	1	4	1	0	3	
	Rate	16.2	10.1	9.5	10.1	48.4	12.8	15.2	4.4	19.6	21.6	9.4	28.0	38.2	25.2	22.8	27.5	37.2	14.1	74.2	19.4	50.7	
Dengue fever	Cases	0	2	6	4	0	1	0	0	0	0	0	1	0	0	0	0	0	3	0	0	0	
	Rate	0.6	3.3	6.5	4.5	0.8	3.0	1.5	0.0	1.9	1.3	1.6	0.6	0.0	0.0	2.5	2.2	0.0	1.2	0.0	0.0	0.0	
Gastroenteritis	Cases	0	11	8	1	1	0	0	0	0	1	3	1	4	3	0	0	0	15	0	0	0	
	Rate	3.9	18.7	21.9	11.6	7.6	12.8	7.4	0.0	6.5	13.1	17.3	12.2	15.5	19.2	10.1	3.7	31.0	28.6	7.2	3.2	2.7	
Giardiasis	Cases	2	15	26	11	5	2	9	1	1	9	3	3	1	24	5	7	1	16	1	7	2	
	Rate	39.0	28.2	43.9	27.8	29.5	40.4	36.4	21.8	15.8	24.2	17.3	23.8	20.5	55.8	40.5	69.1	27.9	28.0	21.7	36.6	29.0	
Haemophilus influenzae type b	Cases	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Rate	0.6	0.6	0.0	0.6	0.0	0.0	1.5	2.2	0.0	1.3	0.0	0.6	0.0	0.4	2.5	0.0	0.0	0.0	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	0.0	0.2	0.4	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	
Hepatitis A	Cases	0	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Rate	0.0	1.2	1.8	1.9	0.8	0.0	0.5	0.0	1.9	2.0	1.6	0.0	1.4	0.7	0.0	1.5	0.0	0.4	0.0	0.5	0.9	
Hepatitis B	Cases	0	1	1	0	1	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	
	Rate	0.6	1.6	3.0	1.7	1.1	2.0	1.5	0.0	2.8	2.6	1.6	0.6	2.8	1.8	2.5	1.5	0.0	1.6	0.0	0.0	0.0	
Hepatitis C	Cases	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
	Rate	0.0	0.8	0.9	0.2	0.3	0.0	0.0	0.0	0.9	0.0	0.0	0.0	1.4	1.8	2.5	0.0	9.3	1.8	0.0	0.0	0.9	
Highly Pathogenic Avian Influenza	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	0.0	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	
Hydatid disease	Cases	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
	Rate	0.0	0.2	0.2	0.4	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	
Lead absorption	Cases	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	1	
	Rate	0.0	1.4	1.8	0.4	1.7	0.0	2.5	2.2	0.9	1.3	4.7	2.4	3.5	2.8	2.5	3.7	0.0	3.1	3.6	5.4	1.8	
Legionellosis	Cases	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	
	Rate	1.9	1.9	1.8	1.5	0.0	2.0	1.5	4.4	0.9	1.3	0.0	1.8	0.7	2.1	2.5	1.5	3.1	2.4	0.0	1.1	0.9	
Leprosy	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	0.0	0.2	1.1	0.0	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	
Leptospirosis	Cases	1	0	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0	5	0	0	0	
	Rate	1.3	0.2	0.0	0.2	2.8	0.0	0.0	0.0	3.7	5.9	3.1	4.9	0.0	0.4	0.0	1.5	9.3	2.0	3.6	1.1	3.6	
Listeriosis	Cases	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	
	Rate	2.6	0.2	0.5	1.1	0.8	0.0	1.0	0.0	0.9	0.0	0.0	0.6	1.4	1.1	0.0	0.0	0.0	0.8	1.8	1.1	0.0	
Malaria	Cases	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
	Rate	0.6	0.2	2.5	0.4	0.8	0.0	0.0	2.2	0.0	0.0	0.0	0.0	1.4	0.4	0.0	0.7	0.0	1.0	0.0	0.0	0.9	
Measles	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
	Rate	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.7	1.4	0.0	0.7	12.4	0.6	0.0	0.0	0.9	
A Yb]b[ cV&WU' X]gYUgY	Cases	1	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	
	Rate	3.2	1.2	1.6	3.2	3.4	1.0	2.0	6.5	4.7	9.2	1.6	1.2	3.5	2.5	2.5	1.5	3.1	2.0	0.0	2.7	1.8	
Mumps	Cases	1	2	3	3	2	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
	Rate	1.3	1.9	2.3	3.9	2.8	2.0	2.5	0.0	0.9	0.7	1.6	2.4	0.0	1.8	2.5	0.7	0.0	2.0	0.0	0.5	2.7	
Paratyphoid fever	Cases	0	2	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	
	Rate	0.6	0.6	0.5	1.5	0.3	1.0	1.0	0.0	0.0	0.7	0.0	0.6	0.7	0.7	0.0	0.0	0.0	0.6	0.0	0.0	1.8	
Pertussis	Cases	0	3	2	6	8	0	1	0	1	1	0	0	0	0	0	0	0	2	0	0	2	
	Rate	2.6	2.7	2.5	4.1	19.8	5.9	9.3	4.4	0.9	5.2	0.0	1.2	3.5	4.6	2.5	20.1	0.0	11.0	23.5	3.8	10.9	
Rheumatic fever	Cases	3	0	0	0	1	10	55	0	0	0	0	2	0	3	0	0	0	0	0	0	0	
	Rate	4.5	1.6	4.4	12.1	3.7	12.8	29.5	4.4	0.0	5.2	4.7	2.4	4.2	3.2	2.5	0.0	0.0	0.6	0.0	0.0	0.0	
Rickettsial disease	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	0.2	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0	
	Rate	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.2	0.0	1.1	0.0	0.7	3.1	0.0	0.0	0.5	0.0	
Salmonellosis	Cases	5	17	12	9	12	1	8	1	5	2	0	4	5	15	3	12	3	22	8	12	7	
	Rate	30.5	23.2																				

<sup>1</sup> These data are provisional

<sup>2</sup> Current rate is based on the cumulative total for the 12 months up to and including February 2008 expressed as cases per 100 000

<sup>3</sup> Further data are available from the local Medical Officer of Health

'H\YgY'hc'HU'g'UbX'fUH'g'UFY'XYf]j'YX'Zfca' h\Y'9d]Gi'fj'fYdcfh'XUH'Y'Ug'cddcgYX'hc'h\Y'YUf'jYgh'Uj'Uj'UV'Y'XUH'i'gYX'j'b'h\Y'a'Yb]b[ cV&WU' X]gYUgY'gYV]cb'cZH'jg'fYdcfh

Surveillance Data by District Health Board February 2008

		Cases <sup>1</sup> and current rate <sup>2</sup> for February 2008 by District Health Board <sup>3</sup>																					
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	23	72	71	49	44	13	22	3	7	27	11	14	33	43	2	14	3	84	16	41	22	
	Rate	219.0	285.2	280.7	209.8	260.6	249.3	197.2	76.3	326.2	271.9	246.9	177.8	275.6	298.2	134.0	217.8	192.2	255.2	307.7	244.8	234.7	
Cryptosporidiosis	Cases	1	3	1	2	1	0	3	0	0	1	0	2	2	2	2	3	1	4	1	0	3	
	Rate	16.2	10.1	9.5	10.1	48.4	12.8	15.2	4.4	19.6	21.6	9.4	28.0	38.2	25.2	22.8	27.5	37.2	14.1	74.2	19.4	50.7	
Dengue fever	Cases	0	2	6	4	0	1	0	0	0	0	0	1	0	0	0	0	0	3	0	0	0	
	Rate	0.6	3.3	6.5	4.5	0.8	3.0	1.5	0.0	1.9	1.3	1.6	0.6	0.0	0.0	2.5	2.2	0.0	1.2	0.0	0.0	0.0	
Gastroenteritis	Cases	0	11	8	1	1	0	0	0	0	1	3	1	4	3	0	0	0	15	0	0	0	
	Rate	3.9	18.7	21.9	11.6	7.6	12.8	7.4	0.0	6.5	13.1	17.3	12.2	15.5	19.2	10.1	3.7	31.0	28.6	7.2	3.2	2.7	
Giardiasis	Cases	2	15	26	11	5	2	9	1	1	9	3	3	1	24	5	7	1	16	1	7	2	
	Rate	39.0	28.2	43.9	27.8	29.5	40.4	36.4	21.8	15.8	24.2	17.3	23.8	20.5	55.8	40.5	69.1	27.9	28.0	21.7	36.6	29.0	
Haemophilus influenzae type b	Cases	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Rate	0.6	0.6	0.0	0.6	0.0	0.0	1.5	2.2	0.0	1.3	0.0	0.6	0.0	0.4	2.5	0.0	0.0	0.0	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	0.0	0.2	0.4	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	
Hepatitis A	Cases	0	1	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	Rate	0.0	1.2	1.8	1.9	0.8	0.0	0.5	0.0	1.9	2.0	1.6	0.0	1.4	0.7	0.0	1.5	0.0	0.4	0.0	0.5	0.9	
Hepatitis B	Cases	0	1	1	0	1	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	
	Rate	0.6	1.6	3.0	1.7	1.1	2.0	1.5	0.0	2.8	2.6	1.6	0.6	2.8	1.8	2.5	1.5	0.0	1.6	0.0	0.0	0.0	
Hepatitis C	Cases	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
	Rate	0.0	0.8	0.9	0.2	0.3	0.0	0.0	0.0	0.9	0.0	0.0	0.0	1.4	1.8	2.5	0.0	9.3	1.8	0.0	0.0	0.9	
Highly Pathogenic Avian Influenza	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	0.0	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	
Hydatid disease	Cases	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	
	Rate	0.0	0.2	0.2	0.4	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.2	0.0	0.0	0.0	
Lead absorption	Cases	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	1	1	
	Rate	0.0	1.4	1.8	0.4	1.7	0.0	2.5	2.2	0.9	1.3	4.7	2.4	3.5	2.8	2.5	3.7	0.0	3.1	3.6	5.4	1.8	
Legionellosis	Cases	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	
	Rate	1.9	1.9	1.8	1.5	0.0	2.0	1.5	4.4	0.9	1.3	0.0	1.8	0.7	2.1	2.5	1.5	3.1	2.4	0.0	1.1	0.9	
Leprosy	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	0.0	0.2	1.1	0.0	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	
Leptospirosis	Cases	1	0	0	0	0	0	0	0	1	2	2	0	0	0	0	0	0	5	0	0	0	
	Rate	1.3	0.2	0.0	0.2	2.8	0.0	0.0	0.0	3.7	5.9	3.1	4.9	0.0	0.4	0.0	1.5	9.3	2.0	3.6	1.1	3.6	
Listeriosis	Cases	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	
	Rate	2.6	0.2	0.5	1.1	0.8	0.0	1.0	0.0	0.9	0.0	0.0	0.6	1.4	1.1	0.0	0.0	0.0	0.8	1.8	1.1	0.0	
Malaria	Cases	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
	Rate	0.6	0.2	2.5	0.4	0.8	0.0	0.0	2.2	0.0	0.0	0.0	0.0	1.4	0.4	0.0	0.7	0.0	1.0	0.0	0.0	0.9	
Measles	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
	Rate	0.0	1.2	0.0	0.0	0.0	0.0	0.0	0.0	2.8	0.0	0.0	0.0	0.7	1.4	0.0	0.7	12.4	0.6	0.0	0.0	0.9	
A Yb]b[ cVtWUW X]gYUgY	Cases	1	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	
	Rate	3.2	1.2	1.6	3.2	3.4	1.0	2.0	6.5	4.7	9.2	1.6	1.2	3.5	2.5	2.5	1.5	3.1	2.0	0.0	2.7	1.8	
Mumps	Cases	1	2	3	3	2	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	
	Rate	1.3	1.9	2.3	3.9	2.8	2.0	2.5	0.0	0.9	0.7	1.6	2.4	0.0	1.8	2.5	0.7	0.0	2.0	0.0	0.5	2.7	
Paratyphoid fever	Cases	0	2	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	
	Rate	0.6	0.6	0.5	1.5	0.3	1.0	1.0	0.0	0.0	0.7	0.0	0.6	0.7	0.7	0.0	0.0	0.0	0.6	0.0	0.0	1.8	
Pertussis	Cases	0	3	2	6	8	0	1	0	1	1	0	0	0	0	0	0	0	2	0	0	2	
	Rate	2.6	2.7	2.5	4.1	19.8	5.9	9.3	4.4	0.9	5.2	0.0	1.2	3.5	4.6	2.5	20.1	0.0	11.0	23.5	3.8	10.9	
Rheumatic fever	Cases	3	0	0	0	1	10	55	0	0	0	0	2	0	3	0	0	0	0	0	0	0	
	Rate	4.5	1.6	4.4	12.1	3.7	12.8	29.5	4.4	0.0	5.2	4.7	2.4	4.2	3.2	2.5	0.0	0.0	0.6	0.0	0.0	0.0	
Rickettsial disease	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	0.2	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	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	0	
	Rate	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.6	1.2	0.0	1.1	0.0	0.7	3.1	0.0	0.0	0.5	0.0	
Salmonellosis	Cases	5	17	12	9	12	1	8	1	5	2	0	4	5	15	3	12	3	22	8	12	7	
	Rate	30.5	23.2																				

<sup>1</sup> These data are provisional

<sup>2</sup> Current rate is based on the cumulative total for the 12 months up to and including February 2008 expressed as cases per 100 000

<sup>3</sup> Further data are available from the local Medical Officer of Health

‘H\YgY’hc‘H’U’g‘UbX’f‘UH’g‘UFY‘XYf’j‘YX‘Zfca‘h‘Y‘9d’]G‘f‘j‘fYdcfh‘XUH‘Y‘Ug‘cddcgYX‘hc‘h‘Y‘YUf‘]Ygh‘Uj‘Uj‘UV‘Y‘XUH‘i‘gYX‘]b‘h‘Y‘a‘Yb]b[‘cVtWUW‘X]gYUgY‘gYUgY‘]cb‘cZ‘h‘]g‘fYdcfh

National Surveillance Data February 2008

Disease	Current Year - 2008 <sup>1</sup>			Previous Year - 2007		
	February 2008 Cases	Cumulative total since 1 January	Current 12 Month Rate <sup>2</sup>	February 2007 Cases	Cumulative total since 1 January	Current 12 Month Rate <sup>2</sup>
Campylobacteriosis	614	1309	250.4	1454	3499	389.0
Cryptosporidiosis	32	59	20.6	67	110	18.7
Dengue fever	17	26	2.2	39	48	1.6
Gastroenteritis	48	112	14.5	57	121	20.6
Giardiasis	151	271	33.3	140	264	30.6
Haemophilus influenzae type b	1	4	0.4	3	3	0.3
Hepatitis A	6	12	1.0	8	11	2.1
<YdUhhjg'6	6	13	1.6	6	18	1.7
<YdUhhjg'7	4	6	0.8	2	6	0.8
Hydatid disease	1	2	0.2	0	0	0.0
Lead absorption	7	19	2.1	5	10	1.6
Legionellosis	6	15	1.6	2	15	1.3
Leprosy	0	0	0.2	1	1	0.1
Leptospirosis	11	18	1.4	9	23	2.2
Listeriosis	4	7	0.7	0	2	0.4
Malaria	2	5	0.7	0	1	0.6
Measles	1	1	0.5	1	3	0.4
A Yb]b[ cWcWVW'X]gYUgY	4	16	2.6	4	13	3.7
Mumps	13	25	2.0	9	15	1.4
Paratyphoid fever	7	10	0.6	4	6	0.6
Pertussis	26	36	6.8	29	80	23.0
Rheumatic fever	74	77	5.0	1	5	2.3
Salmonellosis	163	359	33.7	100	207	29.6
Shigellosis	4	15	2.9	13	19	2.1
Tetanus	0	0	0.0	0	1	0.0
Tuberculosis disease	26	55	7.2	22	42	8.2
Typhoid fever	6	7	0.9	11	19	1.3
VTEC/STEC infection	23	37	2.8	12	19	2.2
Yersiniosis	54	120	13.1	46	92	12.0

<sup>1</sup> These data are provisional

<sup>2</sup> Rate is based on the cumulative total for the current year (12 months up to and including February 2008) or the previous year (12 months up to and including February 2007), expressed as cases per 100 000

<sup>3</sup> Cases of gastroenteritis from a common source or foodborne intoxication

'Cb`mUW`hY`WUgYg`cZ`h`jg`X]gYUgY`UFY`W`ffYbhmbch]Z]UV`Y`  
`H\YgY`hcHU`g`UbX`fUH`g`UFY`XYf]j`YX`Zfca``h`Y`9d]Gi`fj`fYdcfhXUHY`Ug`cddcgYX`hc`h`Y`YUF`jYghUj`Uj`UV`Y`XUHY`i`gYX`j`b`h`Y`  
a`Yb]b[`cWcWVW`X]gYUgY`gYVW]cb`cZ`h`jg`fYdcfh`  
`CH`Yf`bch]Z]UV`Y`j]bZYVW]ci`g`X]gYUgY`fYdcfh`X`j`b`:`YVfi`Ufm`6fi`W`cg]g`fWc`



National Surveillance Data - Monthly totals for February 2008 and preceding 12 Months<sup>1</sup>

Disease	Feb 2008	Jan 2008	Dec 2007	Nov 2007	Oct 2007	Sep 2007	Aug 2007	Jul 2007	Jun 2007	May 2007	Apr 2007	Mar 2007
Campylobacteriosis	614	695	896	1142	1018	920	859	880	824	920	675	1145
Cryptosporidiosis	32	27	28	73	171	122	68	34	47	86	82	103
Dengue fever	17	9	5	5	4	3	1	2	5	12	15	14
Gastroenteritis <sup>2</sup>	48	64	39	78	61	40	53	46	37	50	45	51
Giardiasis	151	120	96	116	105	88	139	92	93	133	137	140
Haemophilus influenzae type b	1	3	0	0	0	1	2	1	3	1	1	3
Hazardous substances injury	0	0	0	0	1	1	0	1	0	0	0	0
Hepatitis A	6	6	2	5	4	1	5	0	2	2	4	6
Hepatitis B <sup>3</sup>	6	7	7	5	6	6	5	3	6	5	8	4
Hepatitis C <sup>3</sup>	4	2	2	3	2	2	3	0	3	4	4	3
Hydatid disease	1	1	3	0	0	1	0	0	0	2	0	0
Lead absorption	7	12	12	11	8	3	4	4	4	4	4	14
Legionellosis	6	9	7	8	8	1	0	6	3	7	5	7
Leprosy	0	0	0	0	3	1	0	0	0	3	0	0
Leptospirosis	11	7	7	3	4	3	2	1	5	10	4	4
Listeriosis	4	3	2	5	2	2	2	1	2	3	3	2
Malaria	2	3	1	6	3	2	2	2	3	3	1	1
Measles	1	0	8	1	1	0	2	2	1	1	4	2
A Yb]b[ cVcVWU' X]gYUgY'	4	12	10	5	10	9	11	23	8	8	4	4
Mumps	13	12	13	4	7	14	6	3	4	2	2	5
Paratyphoid fever	7	3	2	5	2	1	0	1	2	1	1	2
Pertussis	26	10	17	27	29	27	27	28	30	27	15	25
Rheumatic fever	74	3	5	2	5	5	17	75	8	7	2	9
Rickettsial disease	0	0	0	0	0	0	1	0	0	0	1	0
Rubella	0	0	2	1	1	0	1	2	2	0	0	1
Salmonellosis	163	196	117	111	121	88	89	57	79	124	114	167
Shigellosis	4	11	5	7	7	13	8	18	11	16	14	7
Tuberculosis disease	26	29	21	30	24	17	31	27	20	30	23	25
Typhoid fever	6	1	2	1	3	3	3	3	1	7	2	4
VTEC/STEC infection	23	14	6	4	14	12	8	3	4	9	9	12
Yersiniosis	54	66	44	55	39	39	57	36	45	39	30	51

<sup>1</sup> Later data are provisional

<sup>2</sup> Cases of gastroenteritis from a common source or foodborne intoxication

<sup>3</sup> Only acute cases of this disease are currently notifiable

'H\YgY'hcHJ'g'UfY'XYf]j YX'Zfca 'hY'9d]G' fj 'fYdcfhXUhY'Ug'cddcgYX'hc'hY'YUf']YghUj U]'UV'Y'XUhY''i gYX' ]b'hY'a Yb]b[ cVcVWU' X]gYUgY'gYVW]cb'cZ'h ]g'fYdcfh