

## MONTHLY NOTIFIABLE DISEASE SURVEILLANCE REPORT

Data contained within this monthly report is based on information recorded on EpiSurv by public health service (PHS) staff as at 7 May 2013. 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

*Cryptosporidiosis*: 127 cases of cryptosporidiosis were notified in April 2013 compared to 46 cases notified during the same month of the previous year. The cases ranged in age from five months to 81 years, with the highest numbers of cases in the 1-4 years (50 cases) followed by those in the 30-39 years (18 cases), and 5-9 years (17 cases) age groups. The highest numbers of cases were reported from Waikato (24 cases), Capital and Coast (21 cases), and Hutt Valley (15 cases) DHBs. Among the cases where risk factor information was recorded, 57.5% (46/80) had recreational contact with water, 49.4% (38/77) had contact with other symptomatic people, 36.0% (31/86) attended school, pre-school or childcare, 30.8% (24/78) had consumed food from a food premises and 25.9% (21/81) had contact with farm animals. Nine *Cryptosporidium* outbreaks were reported in April, including eight finalised outbreaks (26 cases) and one interim outbreak (case number yet to be determined).

*Hepatitis A*: 18 cases of hepatitis A were notified in April 2013 compared to four cases in the same month of the previous year. Ethnicity was recorded for all cases with the highest numbers of cases in Pacific Peoples (11 cases), followed by Māori (5 cases) and European (2 cases) ethnic groups. Cases were predominantly from Canterbury DHB (88.9%, 16/18 cases). The cases ranged in age from 15 months to 42 years, with the highest numbers of cases in the 1-4 years and 5-9 years (6 cases each) age groups. Five of the cases had travelled overseas during the incubation period all of whom visited Samoa. One hepatitis A outbreak involving 12 cases was reported in April.

*Mumps*: 6 cases of mumps (4 probable and 2 under investigation) were notified in April 2013 compared to one case in the same month of the previous year. Cases were from the following DHBs: Northland, Bay of Plenty, Hutt Valley, Capital and Coast, Nelson Marlborough, and Southern (1 case each). The cases ranged in age from three years to 27 years, with the majority of cases in the 5-9 years (3 cases) age group. Ethnicity was recorded for all cases as follows Māori (3 cases), European (2 cases) and Asian (1 case) ethnic groups. Of the five cases where vaccination status was recorded, all five cases had been vaccinated against mumps with three cases having only received one dose of vaccine, and two cases having received two doses of vaccine.

*Rheumatic fever*: Based on the earliest date available<sup>1</sup>, 17 cases of rheumatic fever (16 initial attack, 1 recurrent attack) were notified in April 2013, compared to 11 cases during the same month of the previous

<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 rheumatic fever notification data.

year. Of the 13 cases with hospitalisation status recorded, all were hospitalised. All cases except for one were notified from the North Island with the highest number of cases notified from Counties Manukau DHB (9 cases). Ethnicity was reported for all but two cases with the highest number of cases in the Pacific Peoples (11 cases) ethnic group. The majority of cases (9 cases) were aged between 5 and 14 years.

*Rickettsial disease:* One case of rickettsial disease was notified in April 2013. The case was a female in the 1-4 years age group from Capital and Coast DHB and was in Australia during the incubation period. A tick that was removed from the child is undergoing testing. Serology test results are still pending for the child.

*Salmonellosis:* 108 cases of salmonellosis were notified in April 2013 compared to 81 cases notified in the same month of the previous year (Figure 1). The highest number of cases was reported from the Auckland region (31 cases), followed by Southern (22 cases) and Canterbury (13 cases) DHBs. The cases ranged in age from three months to 76 years, with the highest number of cases in the 1-4 years age group (21 cases) followed by those in the 20-29 years and 40-49 years (18 cases each), and 60-69 years (12 cases) age groups. Thirteen cases were hospitalised. The serotype involved was recorded for 102 (94.4%) cases. The most common serotypes were: *Salmonella* Infantis (14 cases), *S. Typhimurium* phage type 160 (10 cases), and *S. Mississippi* (9 cases). One *Salmonella* interim outbreak involving three cases was reported in April.

*VTEC/STEC infection:* 47 cases of VTEC/STEC infection were notified in April 2013, one of these cases has since been made 'not a case' after further investigation. This compares with cases notified in the same month of the previous year (Figure 2). The highest number of cases was reported from Waikato (15 cases), Counties Manukau (7 cases), Waitemata and Auckland (5 cases each), and Canterbury (3 cases) DHBs. The highest number of cases occurred in the 1-4 years age group (13 cases). Fourteen cases were hospitalised of which one had haemolytic uraemic syndrome. The serotype/organism was identified by the Enteric Reference Laboratory for 44 cases all of which were *Escherichia coli* O157:H7. Among the cases for whom risk factor was recorded, 69.2% (18/26) had contact with animals, 42.1% (8/19) had consumed water from a non-habitual supply and 30.8% (8/26) had attended school, pre-school or childcare. Four *E. coli* O157:H7 outbreaks were reported in April, including three finalised outbreaks (16 cases) and one interim outbreak (4 cases).

## 2. Outbreaks

**Table 1. Summary of finalised outbreaks created in EpiSurv during April 2013**

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
<i>Bordetella pertussis</i>	Waikato	2	5
<i>Campylobacter</i> <sup>1</sup>	Waikato	3	13
<i>Cryptosporidium</i> <sup>1</sup>	Auckland, Waikato	8	26
<i>Escherichia coli</i> O157:H7	Auckland, Waikato	3	16
Gastroenteritis	Counties Manukau, Waikato, Taranaki	5	34
<i>Giardia</i> <sup>2</sup>	Waitemata, Auckland, Waikato, Southern	8	24
<i>Mycobacterium tuberculosis</i>	Hawke's Bay	1	15
Norovirus	Waitemata, Bay of Plenty, Taranaki	7	149
<i>Yersinia</i>	Hawke's Bay, Nelson Marlborough	1	8
<b>Total</b>		<b>37</b>	<b>288</b>

<sup>1</sup> Outbreak involved more than one pathogen therefore individual pathogen outbreak numbers may not sum to group totals.

<sup>2</sup> Includes two *Giardia* outbreaks reported to PHSs prior to April 2013, reported in March.

**Table 2. Summary of interim outbreaks created in EpiSurv during April 2013**

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
<i>Campylobacter</i> <sup>1</sup>	Waikato	2	-
<i>Cryptosporidium</i> <sup>1</sup>	Waikato	1	-
<i>Escherichia coli</i> O157:H7	Waikato	1	4
Gastroenteritis <sup>1</sup>	Waitemata, Auckland, Counties Manukau, Waikato, Bay of Plenty, Hawke's Bay, Nelson Marlborough, Southern	16	37
<i>Giardia</i>	Auckland	1	2
Hepatitis A virus <sup>2</sup>	Canterbury	1	12
<i>Salmonella</i>	Auckland	1	3
<b>Total</b>		<b>23</b>	<b>58</b>

<sup>1</sup> Interim outbreak where total number of cases had not been completed.

<sup>2</sup> Outbreak with overseas transmission (Samoa).

### 3. Deaths from notifiable diseases

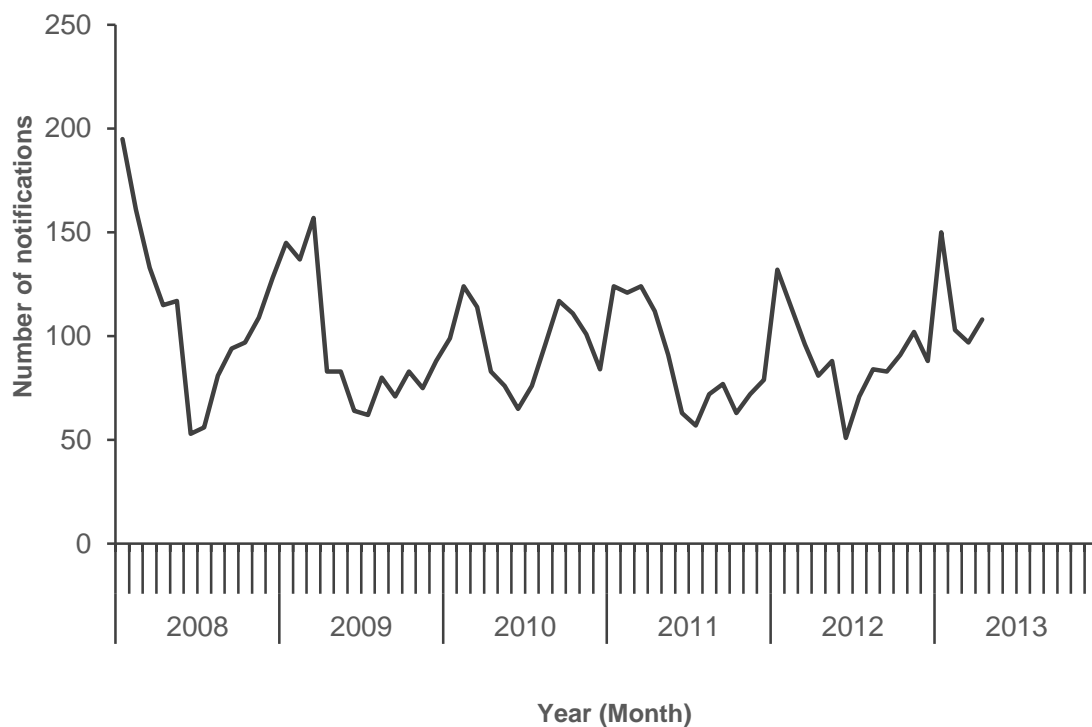
Three deaths, where the primary cause of death was a notifiable disease, were reported in April 2013 (Table 3).

**Table 3. Summary of deaths from notifiable diseases reported during April 2013**

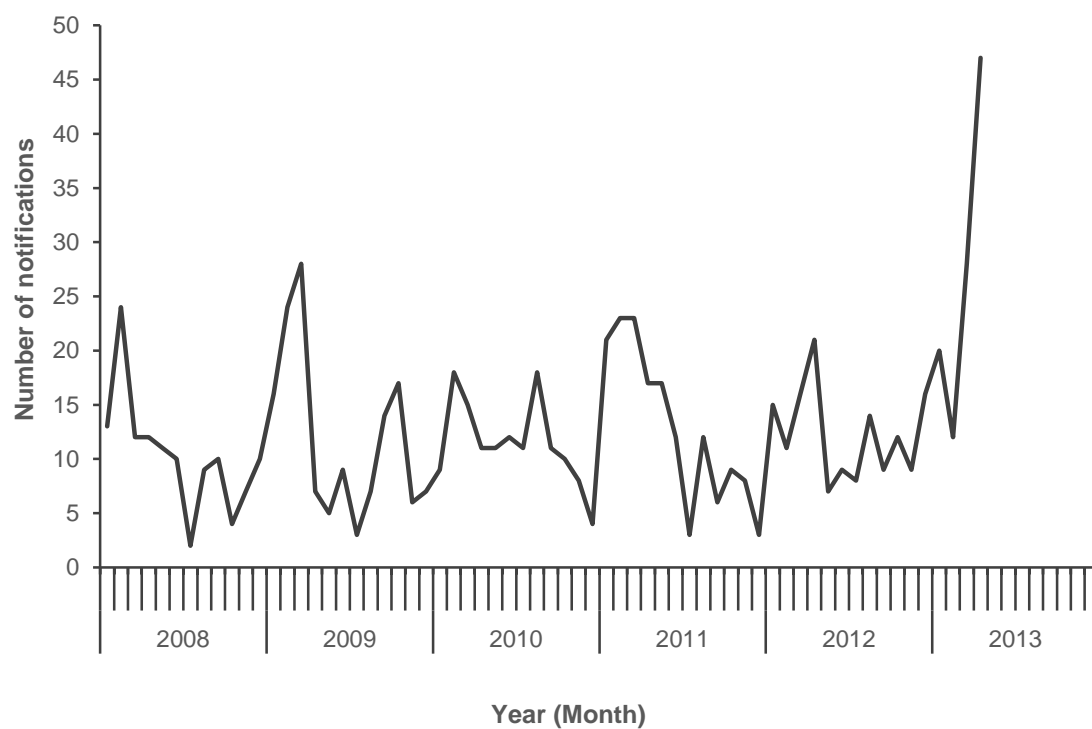
<b>Disease</b>	<b>District Health Board</b>	<b>Age group (years)</b>
Invasive pneumococcal disease	Auckland	70+ years
Invasive pneumococcal disease	Counties Manukau	50 to 59 years
Meningococcal disease	Hutt Valley	60 to 69 years

#### 4. Trends in selected diseases to April 2013

**Figure 1: Salmonellosis notifications by month, January 2008 – April 2013**



**Figure 2: VTEC/STEC infection notifications by month, January 2008 – April 2013**



## 5. Data tables

### National Notifiable Disease Surveillance Data April 2013

Disease	Current Year - 2013 <sup>1</sup>			Previous Year - 2012		
	April 2013 Cases	Cumulative total since 1 January	Current 12 Month Rate <sup>2</sup>	April 2012 Cases	Cumulative total since 1 January	Current 12 Month Rate <sup>2</sup>
Campylobacteriosis	323	1957	142.3	455	2671	169.5
Cryptosporidiosis	127	513	27.8	46	156	15.0
Dengue fever	6	32	1.9	7	23	1.2
Gastroenteritis <sup>3</sup>	36	177	15.9	52	209	14.0
Giardiasis	163	593	37.1	154	664	41.5
Haemophilus influenzae type b	1	2	0.1	0	1	0.2
Hepatitis A	18	34	1.3	4	57	1.7
Hepatitis B <sup>4</sup>	2	8	0.9	1	8	0.9
Hepatitis C <sup>4</sup>	2	15	0.7	8	16	0.8
Invasive pneumococcal disease	30	107	11.1	31	102	12.5
Lead absorption	27	99	6.2	19	97	5.1
Legionellosis	10	52	3.1	13	62	3.7
Leptospirosis	6	22	2.2	15	33	1.8
Listeriosis	0	10	0.7	0	6	0.5
Malaria	4	19	1.1	4	9	1.1
Measles	0	1	0.1	10	66	13.9
Meningococcal disease	7	21	1.9	6	20	2.7
Mumps	6	14	0.7	1	8	1.0
Paratyphoid fever	2	10	0.5	2	11	0.4
Pertussis	284	1647	135.1	320	1560	75.8
Rheumatic fever	17	54	4.0	11	53	3.9
Rickettsial disease	1	3	0.2	0	0	0.1
Rubella	0	0	0.0	1	3	0.5
Salmonellosis	108	458	25.2	81	423	22.6
Shigellosis	15	62	3.1	12	55	2.7
Tuberculosis disease	21	95	6.7	26	94	6.6
Typhoid fever	3	32	1.4	4	14	0.9
VTEC/STEC infection	47	107	4.3	21	63	3.0
Yersiniosis	32	144	11.3	37	158	11.6

<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 April 2013) or the previous year (12 months up to and including April 2012), 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

## Notifiable Disease Surveillance Data by District Health Board April 2013

		Cases <sup>1</sup> and current rate <sup>2</sup> for April 2013 by District Health Board <sup>3</sup>																			
Disease		Northland	Waitemata	Auckland	Counties Manukau	Waikato	Lakes	Bay of Plenty	Tairāwhiti	Taranaki	Hawke's Bay	Wairarapa	Midcentral	Hutt Valley	Capital and Coast	Wairarapa	Nelson Marlborough	West Coast	Canterbury	South Canterbury	Southern
Campylobacteriosis	Cases	9	44	42	24	31	150	8	4	5	15	3	10	4	26	5	8	4	35	6	30
	Rate	134.6	124.8	107.1	88.4	175.5	150.3	109.4	98.3	204.0	171.2	128.0	114.6	103.3	126.8	120.6	176.3	221.9	188.2	281.2	199.4
Cryptosporidiosis	Cases	1	7	6	4	24	9	7	0	4	5	0	0	5	15	21	3	2	0	6	2
	Rate	19.6	10.1	8.7	8.9	71.0	53.3	19.3	6.4	34.4	94.0	16.0	21.9	31.9	44.1	44.3	14.9	27.4	20.6	84.9	30.2
Dengue fever	Cases	0	3	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
	Rate	1.3	2.9	5.0	1.6	0.5	1.9	0.9	2.1	0.0	0.6	0.0	1.8	1.4	3.0	2.5	0.7	0.0	1.6	0.0	1.3
Gastroenteritis	Cases	0	5	6	2	4	0	0	0	0	1	0	0	4	6	1	2	0	2	1	2
	Rate	0.6	13.7	23.4	9.3	13.0	16.5	14.6	6.4	10.0	1.3	22.4	65.0	36.7	29.6	19.7	10.7	21.3	9.0	3.5	5.5
Giardiasis	Cases	5	14	22	11	17	5	4	0	2	9	2	2	6	18	2	6	2	18	0	18
	Rate	31.0	31.6	45.2	29.5	44.6	60.1	41.5	12.8	26.3	36.0	20.8	12.4	33.3	46.4	39.4	41.2	33.4	39.0	35.4	43.5
Haemophilus influenzae type b	Cases	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.4	0.0	0.2	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	1.8	0.0
Hepatitis A	Cases	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	16	0	0
	Rate	0.6	1.8	0.6	2.0	0.8	0.0	1.4	2.1	0.9	0.6	1.6	0.6	0.7	1.7	0.0	0.0	0.0	3.6	0.0	0.0
Hepatitis B	Cases	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.9	0.9	1.2	1.1	1.0	0.5	2.1	0.9	0.0	0.0	0.0	0.0	0.7	0.0	1.4	0.0	1.8	0.0	0.6
Hepatitis C	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	Rate	0.0	0.0	0.2	0.0	0.3	0.0	0.0	0.0	3.6	0.0	0.0	0.6	0.7	0.7	0.0	0.7	0.0	1.8	3.5	2.9
Invasive pneumococcal	Cases	1	5	1	5	1	2	7	0	0	2	0	0	0	1	0	1	0	2	0	2
	Rate	13.9	7.6	9.1	13.8	10.8	17.5	19.3	6.4	13.6	15.4	8.0	7.1	6.9	10.1	27.1	14.2	3.0	8.6	12.4	12.3
Lead absorption	Cases	2	3	5	5	2	0	0	2	0	1	1	1	1	0	1	0	0	1	0	2
	Rate	3.2	8.1	12.8	8.3	3.8	1.9	4.2	6.4	5.4	1.3	8.0	10.6	4.2	5.0	19.7	2.1	9.1	2.6	5.3	4.2
Legionellosis	Cases	0	1	0	3	0	0	2	0	0	1	0	1	0	0	0	0	0	2	0	0
	Rate	2.5	1.8	3.5	3.0	2.4	0.0	2.4	0.0	0.0	1.3	1.6	1.8	1.4	1.3	0.0	2.1	3.0	10.2	5.3</	

<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 April 2013 expressed as cases per 100 000

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

# Notifiable Disease Surveillance Data by District Health Board April 2013

		Cases <sup>1</sup> and current rate <sup>2</sup> for April 2013 by District Health Board <sup>3</sup>																			
Disease		Northland	Waitemata	Auckland	Counties Manukau	Waikato	Lakes	Bay of Plenty	Tairāwhiti	Taranaki	Hawke's Bay	Wairarapa	MidCentral	Hutt Valley	Capital and Coast	Wairarapa	Nelson Marlborough	West Coast	Canterbury	South Canterbury	Southern
Campylobacteriosis	Cases	9	44	42	24	31	10	8	4	5	15	3	10	4	26	5	8	4	35	6	30
	Rate	134.6	124.8	107.1	88.4	175.5	150.3	109.4	98.3	204.0	171.2	128.0	114.6	103.3	126.8	120.6	176.3	221.9	188.2	281.2	199.4
Cryptosporidiosis	Cases	1	7	6	4	24	9	7	0	4	5	0	5	15	21	3	2	0	6	2	6
	Rate	19.6	10.1	8.7	8.9	71.0	53.3	19.3	6.4	34.4	94.0	16.0	21.9	31.9	44.1	44.3	14.9	27.4	20.6	84.9	30.2
Dengue fever	Cases	0	3	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0
	Rate	1.3	2.9	5.0	1.6	0.5	1.9	0.9	2.1	0.0	0.6	0.0	1.8	1.4	3.0	2.5	0.7	0.0	1.6	0.0	1.3
Gastroenteritis	Cases	0	5	6	2	4	0	0	0	0	1	0	0	4	6	1	2	0	2	1	2
	Rate	0.6	13.7	23.4	9.3	13.0	16.5	14.6	6.4	10.0	1.3	22.4	65.0	36.7	29.6	19.7	10.7	21.3	9.0	3.5	5.5
Giardiasis	Cases	5	14	22	11	17	5	4	0	2	9	2	2	6	18	2	6	2	18	0	18
	Rate	31.0	31.6	45.2	29.5	44.6	60.1	41.5	12.8	26.3	36.0	20.8	12.4	33.3	46.4	39.4	41.2	33.4	39.0	35.4	43.5
Haemophilus influenzae type b	Cases	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.4	0.0	0.2	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	1.8	0.0
Hepatitis A	Cases	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	16	0	0
	Rate	0.6	1.8	0.6	2.0	0.8	0.0	1.4	2.1	0.9	0.6	1.6	0.6	0.7	1.7	0.0	0.0	0.0	3.6	0.0	0.0
Hepatitis B	Cases	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.9	0.9	1.2	1.1	1.0	0.5	2.1	0.9	0.0	0.0	0.0	0.0	0.7	0.0	1.4	0.0	1.8	0.0	0.6
Hepatitis C	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
	Rate	0.0	0.0	0.2	0.0	0.3	0.0	0.0	0.0	3.6	0.0	0.0	0.6	0.7	0.7	0.0	0.7	0.0	1.8	3.5	2.9
Invasive pneumococcal disease	Cases	1	5	1	5	1	2	7	0	0	2	0	0	0	1	0	1	0	2	0	2
	Rate	13.9	7.6	9.1	13.8	10.8	17.5	19.3	6.4	13.6	15.4	8.0	7.1	6.9	10.1	27.1	14.2	3.0	8.6	12.4	12.3
Lead absorption	Cases	2	3	5	5	2	0	0	2	0	1	1	1	1	0	1	0	0	1	0	2
	Rate	3.2	8.1	12.8	8.3	3.8	1.9	4.2	6.4	5.4	1.3	8.0	10.6	4.2	5.0	19.7	2.1	9.1	2.6	5.3	4.2
Legionellosis	Cases	0	1	0	3	0	0	2	0	0	1	0	1	0	0	0	0	0	2	0	0
	Rate	2.5	1.8	3.5	3.0	2.4	0.0	2.4	0.0	0.0	1.3	1.6	1.8	1.4	1.3	0.0	2.1	3.0	10.2	5.3	3.2
Leptospirosis	Cases	0	0	0	0	1	0	1	0	1	1	0	0	0	0	0	0	0	1	0	1
	Rate	3.2	0.0	0.2	0.2	6.5	0.0	3.3	6.4	4.5	10.9	8.0	5.9	0.0	0.0	7.4	0.7	3.0	1.0	5.3	1.9
Listeriosis	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.5	0.4	0.8	0.5	0.0	3.3	0.0	0.9	2.6	0.0	0.6	0.0	0.3	2.5	0.7	0.0	0.2	1.8	0.0
Malaria	Cases	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	Rate	0.6	1.6	2.4	1.6	0.0	1.0	0.0	0.0	0.0	1.9	0.0	3.0	0.7	0.7	0.0	0.7	0.0	1.2	0.0	0.0
Measles	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.0	0.0	0.2	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
Meningococcal disease	Cases	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2	0	2
	Rate	2.5	1.1	1.7	1.0	1.4	4.8	1.9	4.3	4.5	1.3	1.6	2.4	2.1	2.7	0.0	1.4	0.0	2.8	5.3	1.6
Mumps	Cases	1	0	0	0	0	0	1	0	0	0	0	0	1	1	0	1	0	0	0	1
	Rate	1.9	0.5	0.6	0.2	0.5	1.0	0.9	2.1	0.0	0.0	0.0	0.0	1.4	0.3	2.5	4.3	0.0	0.8	1.8	0.3
Paratyphoid fever	Cases	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
	Rate	0.0	0.5	1.1	0.4	0.0	0.0	0.5	0.0	0.0	0.0	0.0	0.0	0.7	0.3	0.0	0.7	0.0	0.4	1.8	1.3
Pertussis	Cases	9	17	25	16	28	7	24	3	8	3	5	14	15	19	3	23	0	35	4	26
	Rate	73.9	62.3	67.7	71.0	133.9	78.6	116.0	252.1	155.0	61.1	294.5	150.1	219.0	193.1	310.1	351.8	361.7	231.2	132.6	112.1
Q fever	Cases	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
Rheumatic fever	Cases	0	0	4	9	0	0	0	2	0	0	0	0	0	1	0	0	0	0	0	1
	Rate	9.5	2.5	3.5	15.2	5.4	5.8	2.4	12.8	0.9	3.2	0.0	0.6	1.4	2.7	0.0	0.0	0.0	0.2	0.0	0.3
Rickettsial disease	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	Rate	1.9	0.2	0.0	0.0	0.5	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
Rubella	Cases	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	0.2	0.0	0.0
Salmonellosis	Cases	6	8	18	5	5	1	2	0	4	1	1	2	1	6	1	8	0	13	4	22
	Rate	19.0	19.7	29.6	15.7	22.1	23.3	21.7	19.2	30.8	22.5	16.0	20.7	19.4	14.8	19.7	44.1	39.5	25.6	46.0	57.2
Shigellosis	Cases	0	3	4	3	1	0	1	0	0	0	0	0	1	2	0	0	0	0	0	0
	Rate	3.2	4.5	5.6	7.3	1.4	1.0	1.4	0.0	2.7	0.6	0.0	1.2	2.8	3.4	0.0	0.7	0.0	1.6	0.0	2.6
Tuberculosis disease	Cases	0	1	4	3	3	1	2	0	0	0	0	0	1	2	0	0	0	2	0	2
	Rate	2.5	7.6	12.8	8.5	6.2	4.8	4.2	4.3	6.3	10.9	1.6	3.5	9.7	9.1	0.0	7.8	0.0	3.6	1.8	2.9
Typhoid fever	Cases	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	Rate	0.0	1.3	3.0	4.9	0.3	1.0	0.9	0.0	0.0	0.0	0.0	0.0	2.1	0.7	0.0	0.0	0.0	1.0	0.0	0.6
VTEC/STEC infection	Cases	2	5	5	7	15	1	1	0	0	0	0	2	1	1	1	1	0	3	1	1
	Rate	8.2	3.4	2.8	4.1	12.7	2.9	3.8	0.0	8.2	1.9	0.0	1.8	0.7	1.0	2.5	2.8	6.1	4.8	5.3	4.5
Yersiniosis	Cases	1	1	1	4	1	2	3	0	1	2	1	0	3	6	0	0	0	4	1	1
	Rate	10.1	13.4	12.1	9.6	10.5	15.5	13.2	8.5	14.5	9.7	1.6	3.0	13.9	18.5	9.8	2.1	3.0	12.8	23.0	6.8

<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 April 2013 expressed as cases per 100 000

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



# National Notifiable Disease Surveillance Data April 2013

Disease	Current Year - 2013 <sup>1</sup>			Previous Year - 2012		
	April 2013 Cases	Cumulative total since 1 January	Current 12 Month Rate <sup>2</sup>	April 2012 Cases	Cumulative total since 1 January	Current 12 Month Rate <sup>2</sup>
Campylobacteriosis	323	1957	142.3	455	2671	169.5
Cryptosporidiosis	127	513	27.8	46	156	15.0
Dengue fever	6	32	1.9	7	23	1.2
Gastroenteritis <sup>3</sup>	36	177	15.9	52	209	14.0
Giardiasis	163	593	37.1	154	664	41.5
Haemophilus influenzae type b	1	2	0.1	0	1	0.2
Hepatitis A	18	34	1.3	4	57	1.7
Hepatitis B <sup>4</sup>	2	8	0.9	1	8	0.9
Hepatitis C <sup>4</sup>	2	15	0.7	8	16	0.8
Invasive pneumococcal disease	30	107	11.1	31	102	12.5
Lead absorption	27	99	6.2	19	97	5.1
Legionellosis	10	52	3.1	13	62	3.7
Leptospirosis	6	22	2.2	15	33	1.8
Listeriosis	0	10	0.7	0	6	0.5
Malaria	4	19	1.1	4	9	1.1
Measles	0	1	0.1	10	66	13.9
Meningococcal disease	7	21	1.9	6	20	2.7
Mumps	6	14	0.7	1	8	1.0
Paratyphoid fever	2	10	0.5	2	11	0.4
Pertussis	284	1647	135.1	320	1560	75.8
Rheumatic fever	17	54	4.0	11	53	3.9
Rickettsial disease	1	3	0.2	0	0	0.1
Rubella	0	0	0.0	1	3	0.5
Salmonellosis	108	458	25.2	81	423	22.6
Shigellosis	15	62	3.1	12	55	2.7
Tuberculosis disease	21	95	6.7	26	94	6.6
Typhoid fever	3	32	1.4	4	14	0.9
VTEC/STEC infection	47	107	4.3	21	63	3.0
Yersiniosis	32	144	11.3	37	158	11.6

<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 April 2013) or the previous year (12 months up to and including April 2012), 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

# National Notifiable Disease Surveillance Data – Monthly totals for April 2013 and preceding 12 Months<sup>1</sup>

Disease	Apr 2013	Mar 2013	Feb 2013	Jan 2013	Dec 2012	Nov 2012	Oct 2012	Sep 2012	Aug 2012	Jul 2012	Jun 2012	May 2012
Campylobacteriosis	323	385	514	735	707	707	663	552	531	327	342	521
Cryptosporidiosis	127	187	119	80	30	96	191	173	97	49	38	47
Dengue fever	6	7	6	13	3	4	4	10	6	16	5	5
Gastroenteritis <sup>2</sup>	36	42	42	57	50	146	90	52	34	51	57	46
Giardiasis	163	134	148	148	113	137	130	102	139	140	129	160
Haemophilus influenzae type b	1	0	1	0	0	0	0	0	0	2	1	0
Hepatitis A	18	2	11	3	2	3	2	5	4	3	2	4
Hepatitis B <sup>3</sup>	2	2	0	4	4	4	6	4	2	3	5	3
Hepatitis C <sup>3</sup>	2	7	3	3	4	3	0	1	1	4	1	2
Invasive pneumococcal disease	30	28	22	27	26	34	42	66	73	64	52	30
Lead absorption	27	33	12	27	11	13	13	21	19	27	25	46
Legionellosis	10	11	13	18	19	22	6	9	5	7	15	4
Leptospirosis	6	4	3	9	7	6	8	8	15	9	9	13
Listeriosis	0	2	4	4	3	2	2	4	2	2	2	2
Malaria	4	1	7	7	6	4	1	3	4	4	6	1
Measles	0	1	0	0	0	0	0	0	0	0	1	1
Meningococcal disease	7	7	2	5	4	4	15	7	17	7	7	4
Mumps	6	2	3	3	2	2	2	4	4	1	2	1
Paratyphoid fever	2	2	4	2	0	3	1	1	3	2	1	0
Pertussis	284	352	455	556	570	601	537	559	570	451	508	545
Rheumatic fever	17	17	15	5	6	6	4	10	13	21	41	23
Rickettsial disease	1	1	1	0	0	1	0	0	1	0	2	0
Rubella	0	0	0	0	0	0	1	0	0	0	0	0
Salmonellosis	108	97	103	150	88	102	91	83	84	71	51	88
Shigellosis	15	15	14	18	6	9	9	8	5	15	10	15
Tuberculosis disease	21	24	19	31	17	33	36	20	25	28	21	23
Typhoid fever	3	3	13	13	4	7	4	1	4	4	3	3
VTEC/STEC infection	47	28	12	20	16	9	12	9	14	8	9	7
Yersiniosis	32	42	28	42	36	47	47	45	44	49	44	44

<sup>1</sup> These 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