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## 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 22 January 2014. 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

*Campylobacteriosis*: 898 cases of campylobacteriosis were notified in December 2013 compared to 707 cases notified during the same month of the previous year. For the 12 month period ending 31 December 2013, the highest DHB rates were in South Canterbury (295.3 per 100 000 population, 167 cases), Hawke's Bay (216.2 per 100 000 population, 336 cases), and Taranaki (213.9 per 100 000 population, 236 cases) compared to a national rate of 154.2 per 100 000 population. Eight finalised *Campylobacter* outbreaks involving 32 cases were reported in December 2013.

*Giardiasis*: 145 cases of giardiasis were notified in December 2013 compared to 113 cases notified during the same month of the previous year (Figure 1). The highest numbers of cases were reported from the Auckland region (47 cases). Among the cases where risk factor information was recorded, 54.2% (32/59) had contact with faecal matter, 39.0% (23/59) had consumed water from an untreated supply, and 38.7% (24/62) had contact with other symptomatic people. Nine *Giardia* outbreaks were reported in December 2013, including six finalised outbreaks (19 cases) and three interim outbreaks (case numbers yet to be determined).

*Hepatitis NOS*: Two cases of hepatitis NOS were notified in December 2013, one of the cases has since been found to not meet case criteria after further investigation. The other case was a female in the 40-49 years age group from Auckland DHB and is currently still under investigation.

*Hydatid disease*: One confirmed case of hydatid disease was notified in December 2013. The case was a male in the 60-69 years age group from Auckland DHB, diagnosed with pulmonary hydatid disease in 1958.

*Invasive pneumococcal disease*: 37 cases of invasive pneumococcal disease were notified in December 2013 compared to 26 cases notified during the same month of the previous year. The highest numbers of cases were reported from Auckland, Counties Manukau, Waikato, and Southern DHBs (5 cases each). Cases occurred in all age groups, with the highest numbers reported in the 50-59 years and 70+ years age groups (10 cases each). Thirty-three cases were hospitalised and one death from invasive pneumococcal disease was reported. Of the cases where risk factor information was recorded, 37.5% (12/32) had a chronic illness, 21.4% (6/28) were smokers, and 18.2% (6/33) had chronic lung disease or cystic fibrosis.

*Leprosy:* One probable case of leprosy was notified in December 2013. The case was a male in the 40-49 years age group from Waikato DHB. The case was in India during the incubation period.

*Measles:* Six cases of measles were notified in December 2013 (all cases were confirmed) compared to no cases notified during the same month of the previous year. Cases were reported from Lakes (5 cases) and Counties Manukau (1 case) DHBs. Cases were in the 15-19 years (4 cases) and the 5-9 years (2 cases) age groups. No hospitalisations or deaths were reported. All of the cases were unimmunised. Of the cases for which risk factor information was recorded, 80.0% (4/5) reported contact with another measles case in the previous three weeks and 50.0% (3/6) reported overseas travel during the incubation period.

*Rheumatic fever:* 29 cases of rheumatic fever (27 initial attacks and 2 recurrent attacks) were notified in December 2013 compared to seven cases notified during the same month of the previous year. 41% (12/29) cases had an onset date recorded prior to December 2013. Of the 27 cases with hospitalisation status recorded, 85.2% (23/27) were hospitalised. The highest number of cases was reported from the Auckland region (16 cases). Ethnicity was reported for 96.6% (28/29) cases with the highest number of cases in the Pacific Peoples (14 cases), followed by Māori (9 cases), Asian (3 cases) and European or Other (2 cases) ethnic groups. The cases ranged in age from six to 27 years, with the highest numbers of cases in the 10-14 years (11 cases) and 5-9 years (7 cases) age groups.

*Shigellosis:* 10 cases of shigellosis were notified in December 2013, one of these cases has since been found to not meet case criteria after further investigation. Six cases were notified in the same month of the previous year (Figure 2). The highest number of cases was reported from the Auckland region (8 cases). The serotype involved was recorded for all cases: *Shigella sonnei* biotype g (3 cases), *Shigella flexneri* 2a and *Shigella flexneri* 3a (2 cases each), *Shigella flexneri* 2b (1 case) and *Shigella flexneri* y variant (1 case). Information was available for 88.9% (8/9) cases for overseas travel. Four cases had travelled overseas and countries visited included India (2 cases), and Cambodia, Thailand, Tonga and Vietnam (1 case each). Two cases visited more than one country. One finalised *Shigella* outbreak involving two cases was reported in December 2013.

*Taeniasis:* Two confirmed cases of taeniasis were notified in December 2013. One case was a male in the 30-39 years age group from Waitemata DHB and was in Cambodia during the incubation period. The other case was a male in the 20-29 years age group from Capital and Coast DHB. Travel history was unknown as the case was unable to be contacted.

## 2. Outbreaks

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

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
<i>Campylobacter</i> <sup>1</sup>	Auckland, Counties Manukau, Waikato, Bay of Plenty, MidCentral	8	32
<i>Cryptosporidium</i>	Waikato	1	2
<i>Clostridium difficile</i> <sup>2</sup>	Auckland	1	3
Gastroenteritis	Auckland, Waikato, Bay of Plenty, Hawke's Bay, MidCentral, Southern	8	75
<i>Giardia</i> <sup>1,3</sup>	Auckland, Counties Manukau, Waikato, Bay of Plenty	6	19
Norovirus <sup>1</sup>	Waitemata, Auckland, Bay of Plenty, Capital & Coast	4	55
<i>Salmonella</i>	Capital & Coast	1	12
<i>Salmonella</i> Typhi	Counties Manukau	1	3
<i>Shigella</i>	Counties Manukau	1	2
<i>Yersinia</i>	Auckland	1	2
<b>Total</b>		<b>30</b>	<b>198</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 outbreaks reported to PHSs prior to December 2013: *Clostridium difficile* (1) and *Campylobacter* (1) both reported in November.

<sup>3</sup> Includes one outbreak reported from Auckland DHB with an overseas transmission (Indonesia).

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

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
Gastroenteritis <sup>1</sup>	Northland, Waitemata, Auckland, Bay of Plenty, Canterbury	12	69
<i>Giardia</i> <sup>1,2</sup>	Waikato, Tairāwhiti	3	6
Norovirus	Southern	2	39
Rotavirus	Auckland	1	9
<i>Salmonella</i>	Bay of Plenty, Tairāwhiti	2	10
<b>Total</b>		<b>19</b>	<b>127</b>

<sup>1</sup> Includes interim outbreak(s) where total number of cases had not been completed.

<sup>2</sup> Outbreak involved more than one pathogen therefore individual pathogen outbreak numbers may not sum to group totals.

### 3. Deaths from notifiable diseases

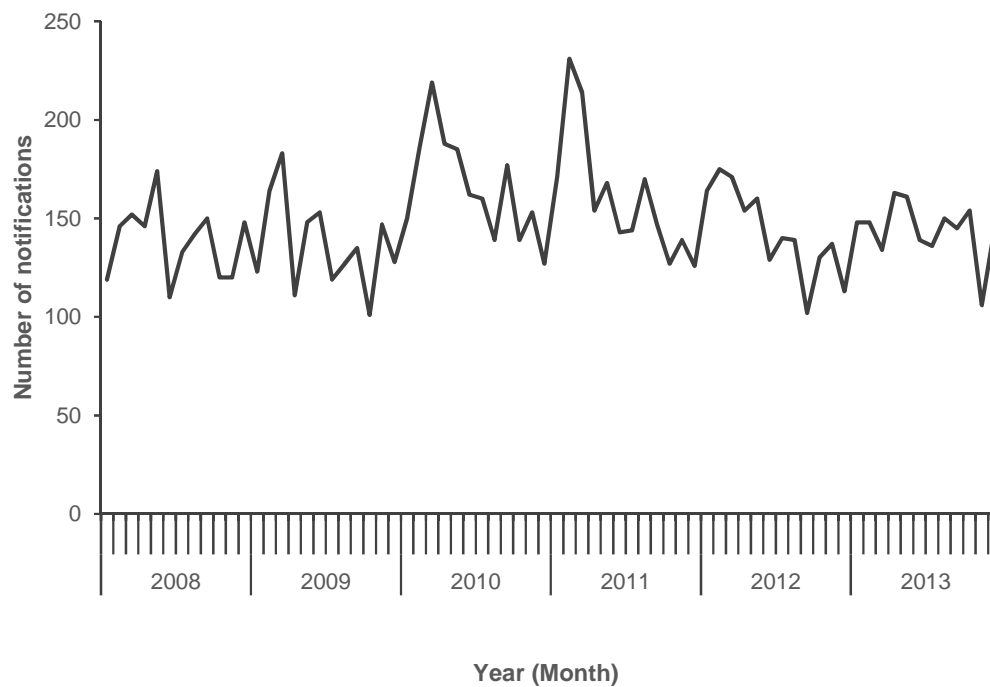
Three deaths, where the primary cause of death was a notifiable disease, were reported in December 2013 (Table 3).

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

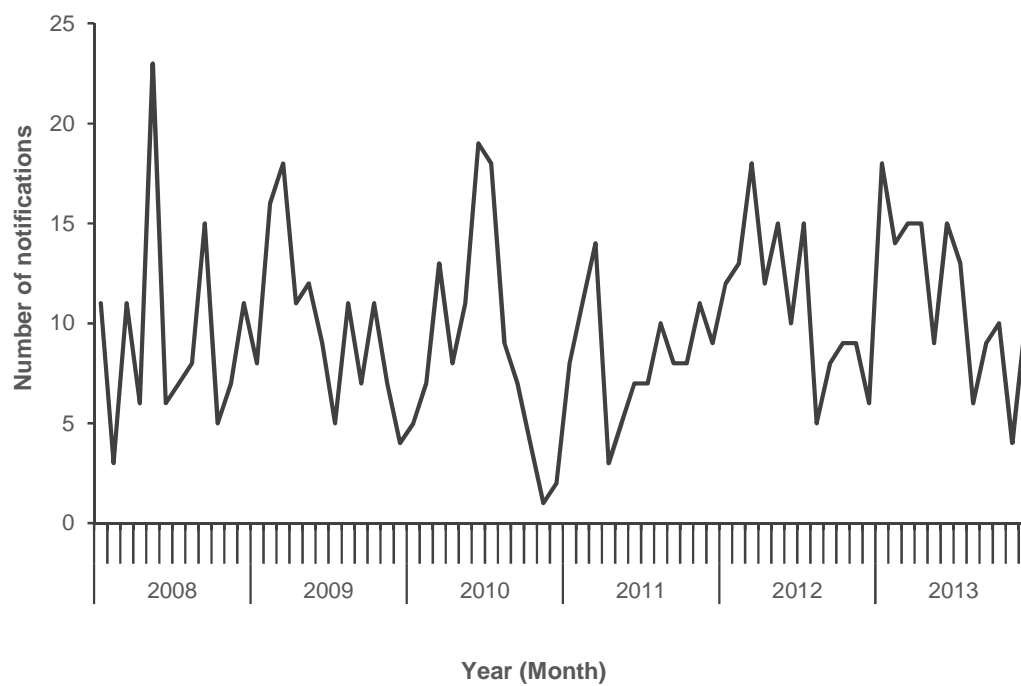
<b>Disease</b>	<b>District Health Board</b>	<b>Age group (years)</b>
Invasive pneumococcal disease	Southern	40-49
Meningococcal disease	Canterbury	15-19
Listeriosis	Hutt Valley	70+

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

**Figure 1: Giardiasis notifications by month, January 2008 – December 2013**



**Figure 2: Shigellosis notifications by month, January 2008 – December 2013**



## 5. Data tables

### National Notifiable Disease Surveillance Data December 2013

Disease	Current Year - 2013 <sup>1</sup>			Previous Year - 2012		
	December 2013 Cases	Cumulative total since 1 January	Current 12 Month Rate <sup>2</sup>	December 2012 Cases	Cumulative total since 1 January	Current 12 Month Rate <sup>2</sup>
Campylobacteriosis	898	6836	154.2	707	7016	158.3
Cryptosporidiosis	32	1348	30.4	30	877	19.8
Dengue fever	9	107	2.4	3	76	1.7
Gastroenteritis <sup>3</sup>	48	562	12.7	50	735	16.6
Giardiasis	145	1729	39.0	113	1714	38.7
Haemophilus influenzae type b	1	5	0.1	0	4	0.1
Hepatitis A	3	92	2.1	2	82	1.8
Hepatitis B <sup>4</sup>	4	29	0.7	4	39	0.9
Hepatitis C <sup>4</sup>	6	43	1.0	4	31	0.7
Invasive pneumococcal disease	37	480	10.8	26	489	11.0
Legionellosis	24	156	3.5	19	150	3.4
Leptospirosis	3	70	1.6	7	108	2.4
Listeriosis	1	19	0.4	3	25	0.6
Malaria	3	48	1.1	6	38	0.9
Measles	6	8	0.2	0	68	1.5
Meningococcal disease	3	68	1.5	4	85	1.9
Mumps	1	26	0.6	2	26	0.6
Paratyphoid fever	0	25	0.6	0	22	0.5
Pertussis	158	3539	79.8	570	5898	133.0
Rheumatic fever	29	207	4.7	7	185	4.2
Rickettsial disease	1	9	0.2	0	4	0.1
Rubella	1	3	0.1	0	4	0.1
Salmonellosis	97	1143	25.8	88	1081	24.4
Shigellosis	10	138	3.1	6	132	3.0
Tuberculosis disease	29	285	6.4	17	293	6.6
Typhoid fever	5	50	1.1	4	44	1.0
VTEC/STEC infection	7	210	4.7	16	147	3.3
Yersiniosis	37	484	10.9	36	514	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 December 2013) or the previous year (12 months up to and including December 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

Other notifiable infectious disease reported in December: Hepatitis NOS (2), Hydatid disease (1), Leprosy (1), Taeniasis (2)

# Notifiable Disease Surveillance Data by District Health Board December 2013

		Cases <sup>1</sup> and current rate <sup>2</sup> for December 2013 by District Health Board <sup>3</sup>																			
Disease		Northland	Waitemata	Auckland	Counties Manukau	Waikato	Lakes	Bay of Plenty	Tairāwhiti	Taranaki	Hawke's Bay	Whanganui	Mid-central	Hutt Valley	Capital and Coast	Wairarapa	Nelson Marlborough	West Coast	Canterbury	South Canterbury	Southern
Campylobacteriosis	Cases	30	82	64	72	96	17	27	16	29	51	17	49	16	60	11	30	6	119	22	84
	Rate	139.6	139.5	129.4	105.5	209.0	174.6	123.5	177.4	213.9	216.2	171.2	169.0	104.6	148.0	167.4	132.9	209.7	160.0	295.3	182.6
Cryptosporidiosis	Cases	1	2	1	1	1	0	0	2	0	3	0	1	1	1	0	4	0	8	2	4
	Rate	17.7	21.9	18.6	11.2	58.1	60.1	17.0	8.5	33.5	87.5	32.0	27.2	27.7	35.0	32.0	14.9	24.3	38.2	67.2	27.6
Dengue fever	Cases	0	4	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0
	Rate	1.9	3.8	7.4	2.2	0.3	3.9	2.4	0.0	0.9	1.3	1.6	0.0	2.1	2.7	2.5	1.4	0.0	1.6	1.8	0.3
Gastroenteritis	Cases	2	7	5	4	3	2	1	0	0	0	0	7	3	8	1	2	0	3	0	0
	Rate	3.8	12.6	12.8	7.3	8.9	7.8	9.0	0.0	6.3	0.6	36.8	40.8	52.0	32.0	22.2	4.3	24.3	4.2	0.0	5.2
Giardiasis	Cases	6	17	20	10	20	2	13	5	4	2	1	7	3	13	4	3	1	7	1	6
	Rate	29.7	30.9	40.9	37.2	48.3	55.3	46.7	29.9	44.4	40.5	17.6	22.5	26.3	55.2	49.2	50.5	33.4	36.4	23.0	40.3
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	0.2	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	0.2	0.0	0.3
Hepatitis A	Cases	0	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	Rate	2.5	0.9	1.5	1.8	0.3	0.0	0.9	2.1	0.0	4.5	1.6	0.6	0.7	0.7	0.0	0.7	0.0	9.2	1.8	1.0
Hepatitis B	Cases	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0
	Rate	1.3	0.2	0.9	0.8	1.4	0.0	0.9	0.0	0.0	0.0	3.2	0.0	0.7	0.0	0.0	0.7	3.0	0.8	0.0	0.6
Hepatitis C	Cases	1	0	0	1	0	0	0	0	0	0	2	1	0	0	0	1	0	0	0	0
	Rate	0.6	0.0	0.9	0.2	0.3	0.0	0.0	0.0	2.7	0.0	3.2	0.6	2.1	0.3	0.0	3.6	0.0	2.6	0.0	2.6
Invasive pneumococcal	Cases	0	2	5	5	5	0	2	0	1	1	1	2	2	1	1	1	0	3	0	5
	Rate	13.3	9.0	8.2	11.8	10.8	25.2	17.0	12.8	8.2	15.4	16.0	10.0	7.6	9.4	17.2	9.2	18.2	8.0	14.1	9.7
Legionellosis	Cases	2	2	0	1	2	0	2	0	1	0	0	1	0	0	0	0	1	10	1	1
	Rate	3.8	4.7	2.2	3.7	1.4	0.0	2.8	0.0	1.8	1.3	0.0	2.4	1.4	0.3	0.0	0.7	9.1	11.6	3.5	2.9
Leptospirosis	Cases	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
	Rate	1.3	0.2	0.2	0.4	1.6	1.0	4.7	0.0	5.4	7.7	1.6	3.5	0.0	0.0	4.9	1.4	3.0	1.4	8.8	1.6
Listeriosis	Cases	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	Rate	0.0	0.5	0.6	0.4	0.0	0.0	1.4	0.0	1.8	0.0	0.0	0.6	0.7	0.3	2.5	0.7	0.0	0.2	0.0	0.0
Malaria	Cases	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	Rate	0.6	1.4	1.9	1.4	0.5	0.0	0.5	0.0	0.0	0.6	1.6	3.5	0.7	1.3	0.0	0.7	0.0	1.2	0.0	0.0
Measles	Cases	0	0	0	1	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.0	0.0	0.2	0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.2	0.0	0.0
Meningococcal disease	Cases	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0
	Rate	2.5	1.3	1.3	2.4	1.1	2.9	0.9	2.1	2.7	1.9	1.6	1.2	0.7	1.0	0.0	0.0	0.0	1.6	1.8	2.3
Mumps	Cases	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	Rate	2.5	0.7	0.9	0.2	0.0	1.0	0.9	0.0	0.0	0.6	0.0	0.0	0.7	0.3	2.5	2.1	0.0	0.2	1.8	0.3
Paratyphoid 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	1.3	1.5	0.4	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.7	0.3	0.0	0.7	0.0	0.4	1.8	0.6
Pertussis	Cases	8	16	18	34	14	1	3	4	0	4	0	0	2	12	0	17	0	19	1	5
	Rate	96.7	47.0	51.3	59.4	80.7	28.1	65.1	117.5	66.2	27.0	73.6	67.4	73.5	76.7	96.0	334.8	182.4	116.1	92.0	82.5
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	2	1	5	10	2	1	0	2	0	2	0	0	0	0	0	0	0	4	0	0
	Rate	13.3	1.6	5.2	12.4	6.5	7.8	6.6	17.1	0.9	2.6	1.6	0.6	6.9	3.0	0.0	0.0	0.0	1.8	0.0	0.3
Rickettsial disease	Cases	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	1.3	0.2	0.2	0.2	0.8	0.0	0.0	0.0	0.9	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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Salmonellosis	Cases	10	9	10	8	9	1	2	3	3	1	0	5	0	4	1	3	0	15	3	10
	Rate	32.2	21.0	29.0	16.3	25.4	18.4	25.5	36.3	18.1	19.9	11.2	20.7	16.6	19.5	27.1	36.2	21.3	28.6	37.1	54.2
Shigellosis	Cases	0	2	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	Rate	3.2	3.3	8.0	7.1	1.1	1.0	0.5	0.0	1.8	0.6	0.0	0.0	2.1	2.4	0.0	0.7	0.0	1.4	3.5	4.2
Tuberculosis disease	Cases	1	4	3	7	3	0	3	0	1	1	0	0	0	3	0	0	0	2	0	1
	Rate	1.9	4.0	12.3	11.0	6.5	5.8	5.2	4.3	6.3	3.9	1.6	4.7	4.9	12.8	4.9	2.8	3.0	4.6	1.8	1.9
Typhoid fever	Cases	0	0	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0
	Rate	0.6	0.9	2.8	4.1	0.3	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.7	0.3	0.0	0.0	0.0	0.8	0.0	0.3
VTEC/STEC infection	Cases	1	2	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1
	Rate	7.6	5.2	4.3	4.5	11.9	2.9	4.7	2.1	8.2	1.3	1.6	1.8	0.7	1.3	2.5	2.1	6.1	5.4	8.8	3.2
Yersiniosis	Cases	0	3	4	4	3	3	4	0	0	0	0	2	0	4	0	0	0	7	1	2
	Rate	6.3	7.6	11.3	9.6	7.0	24.2	17.0	12.8	12.7	9.0	6.4	7.7	9.7	17.5	0.0	0.7	0.0	20.2	14.1	5.5

<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 December 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 December 2013

		Cases <sup>1</sup> and current rate <sup>2</sup> for December 2013 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	Southern
Campylobacteriosis	Cases	30	82	64	72	96	17	27	16	29	51	17	49	16	60	11	30	6	119	22	84
	Rate	139.6	139.5	129.4	105.5	209.0	174.6	123.5	177.4	213.9	216.2	171.2	169.0	104.6	148.0	167.4	132.9	209.7	160.0	295.3	182.6
Cryptosporidiosis	Cases	1	2	1	1	1	0	0	2	0	3	0	1	1	1	0	4	0	8	2	4
	Rate	17.7	21.9	18.6	11.2	58.1	60.1	17.0	8.5	33.5	87.5	32.0	27.2	27.7	35.0	32.0	14.9	24.3	38.2	67.2	27.6
Dengue fever	Cases	0	4	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0
	Rate	1.9	3.8	7.4	2.2	0.3	3.9	2.4	0.0	0.9	1.3	1.6	0.0	2.1	2.7	2.5	1.4	0.0	1.6	1.8	0.3
Gastroenteritis	Cases	2	7	5	4	3	2	1	0	0	0	0	7	3	8	1	2	0	3	0	0
	Rate	3.8	12.6	12.8	7.3	8.9	7.8	9.0	0.0	6.3	0.6	36.8	40.8	52.0	32.0	22.2	4.3	24.3	4.2	0.0	5.2
Giardiasis	Cases	6	17	20	10	20	2	13	5	4	2	1	7	3	13	4	3	1	7	1	6
	Rate	29.7	30.9	40.9	37.2	48.3	55.3	46.7	29.9	44.4	40.5	17.6	22.5	26.3	55.2	49.2	50.5	33.4	36.4	23.0	40.3
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	0.2	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	0.2	0.0	0.3
Hepatitis A	Cases	0	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	Rate	2.5	0.9	1.5	1.8	0.3	0.0	0.9	2.1	0.0	4.5	1.6	0.6	0.7	0.7	0.0	0.7	0.0	9.2	1.8	1.0
Hepatitis B	Cases	2	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0
	Rate	1.3	0.2	0.9	0.8	1.4	0.0	0.9	0.0	0.0	0.0	3.2	0.0	0.7	0.0	0.0	0.7	3.0	0.8	0.0	0.6
Hepatitis C	Cases	1	0	0	1	0	0	0	0	0	0	2	1	0	0	0	1	0	0	0	0
	Rate	0.6	0.0	0.9	0.2	0.3	0.0	0.0	0.0	2.7	0.0	3.2	0.6	2.1	0.3	0.0	3.6	0.0	2.6	0.0	2.6
Invasive pneumococcal disease	Cases	0	2	5	5	5	0	2	0	1	1	1	2	2	1	1	1	0	3	0	5
	Rate	13.3	9.0	8.2	11.8	10.8	25.2	17.0	12.8	8.2	15.4	16.0	10.0	7.6	9.4	17.2	9.2	18.2	8.0	14.1	9.7
Legionellosis	Cases	2	2	0	1	2	0	2	0	1	0	0	1	0	0	0	0	1	10	1	1
	Rate	3.8	4.7	2.2	3.7	1.4	0.0	2.8	0.0	1.8	1.3	0.0	2.4	1.4	0.3	0.0	0.7	9.1	11.6	3.5	2.9
Leptospirosis	Cases	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
	Rate	1.3	0.2	0.2	0.4	1.6	1.0	4.7	0.0	5.4	7.7	1.6	3.5	0.0	0.0	4.9	1.4	3.0	1.4	8.8	1.6
Listeriosis	Cases	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	Rate	0.0	0.5	0.6	0.4	0.0	0.0	1.4	0.0	1.8	0.0	0.0	0.6	0.7	0.3	2.5	0.7	0.0	0.2	0.0	0.0
Malaria	Cases	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0
	Rate	0.6	1.4	1.9	1.4	0.5	0.0	0.5	0.0	0.0	0.6	1.6	3.5	0.7	1.3	0.0	0.7	0.0	1.2	0.0	0.0
Measles	Cases	0	0	0	1	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.0	0.0	0.2	0.0	4.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.2	0.0	0.0
Meningococcal disease	Cases	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0
	Rate	2.5	1.3	1.3	2.4	1.1	2.9	0.9	2.1	2.7	1.9	1.6	1.2	0.7	1.0	0.0	0.0	0.0	1.6	1.8	2.3
Mumps	Cases	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	Rate	2.5	0.7	0.9	0.2	0.0	1.0	0.9	0.0	0.0	0.6	0.0	0.0	0.7	0.3	2.5	2.1	0.0	0.2	1.8	0.3
Paratyphoid 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	1.3	1.5	0.4	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.7	0.3	0.0	0.7	0.0	0.4	1.8	0.6
Pertussis	Cases	8	16	18	34	14	1	3	4	0	4	0	0	2	12	0	17	0	19	1	5
	Rate	96.7	47.0	51.3	59.4	80.7	28.1	65.1	117.5	66.2	27.0	73.6	67.4	73.5	76.7	96.0	334.8	182.4	116.1	92.0	82.5
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	2	1	5	10	2	1	0	2	0	2	0	0	0	0	0	0	0	4	0	0
	Rate	13.3	1.6	5.2	12.4	6.5	7.8	6.6	17.1	0.9	2.6	1.6	0.6	6.9	3.0	0.0	0.0	0.0	1.8	0.0	0.3
Rickettsial disease	Cases	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	1.3	0.2	0.2	0.2	0.8	0.0	0.0	0.0	0.9	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	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.0	0.2	0.0	0.0	0.0	0.0	0.0	0.9	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0
Salmonellosis	Cases	10	9	10	8	9	1	2	3	3	1	0	5	0	4	1	3	0	15	3	10
	Rate	32.2	21.0	29.0	16.3	25.4	18.4	25.5	36.3	18.1	19.9	11.2	20.7	16.6	19.5	27.1	36.2	21.3	28.6	37.1	54.2
Shigellosis	Cases	0	2	4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
	Rate	3.2	3.3	8.0	7.1	1.1	1.0	0.5	0.0	1.8	0.6	0.0	0.0	2.1	2.4	0.0	0.7	0.0	1.4	3.5	4.2
Tuberculosis disease	Cases	1	4	3	7	3	0	3	0	1	1	0	0	0	3	0	0	0	2	0	1
	Rate	1.9	4.0	12.3	11.0	6.5	5.8	5.2	4.3	6.3	3.9	1.6	4.7	4.9	12.8	4.9	2.8	3.0	4.6	1.8	1.9
Typhoid fever	Cases	0	0	2	1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0
	Rate	0.6	0.9	2.8	4.1	0.3	0.0	0.9	0.0	0.0	0.0	0.0	0.0	0.7	0.3	0.0	0.0	0.0	0.8	0.0	0.3
VTEC/STEC infection	Cases	1	2	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1
	Rate	7.6	5.2	4.3	4.5	11.9	2.9	4.7	2.1	8.2	1.3	1.6	1.8	0.7	1.3	2.5	2.1	6.1	5.4	8.8	3.2
Yersiniosis	Cases	0	3	4	4	3	3	4	0	0	0	0	2	0	4	0	0	0	7	1	2
	Rate	6.3	7.6	11.3	9.6	7.0	24.2	17.0	12.8	12.7	9.0	6.4	7.7	9.7	17.5	0.0	0.7	0.0	20.2	14.1	5.5

<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 December 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 December 2013

Disease	Current Year - 2013 <sup>1</sup>			Previous Year - 2012		
	December 2013 Cases	Cumulative total since 1 January	Current 12 Month Rate <sup>2</sup>	December 2012 Cases	Cumulative total since 1 January	Current 12 Month Rate <sup>2</sup>
Campylobacteriosis	898	6836	154.2	707	7016	158.3
Cryptosporidiosis	32	1348	30.4	30	877	19.8
Dengue fever	9	107	2.4	3	76	1.7
Gastroenteritis <sup>3</sup>	48	562	12.7	50	735	16.6
Giardiasis	145	1729	39.0	113	1714	38.7
Haemophilus influenzae type b	1	5	0.1	0	4	0.1
Hepatitis A	3	92	2.1	2	82	1.8
Hepatitis B <sup>4</sup>	4	29	0.7	4	39	0.9
Hepatitis C <sup>4</sup>	6	43	1.0	4	31	0.7
Invasive pneumococcal disease	37	480	10.8	26	489	11.0
Legionellosis	24	156	3.5	19	150	3.4
Leptospirosis	3	70	1.6	7	108	2.4
Listeriosis	1	19	0.4	3	25	0.6
Malaria	3	48	1.1	6	38	0.9
Measles	6	8	0.2	0	68	1.5
Meningococcal disease	3	68	1.5	4	85	1.9
Mumps	1	26	0.6	2	26	0.6
Paratyphoid fever	0	25	0.6	0	22	0.5
Pertussis	158	3539	79.8	570	5898	133.0
Rheumatic fever	29	207	4.7	7	185	4.2
Rickettsial disease	1	9	0.2	0	4	0.1
Rubella	1	3	0.1	0	4	0.1
Salmonellosis	97	1143	25.8	88	1081	24.4
Shigellosis	10	138	3.1	6	132	3.0
Tuberculosis disease	29	285	6.4	17	293	6.6
Typhoid fever	5	50	1.1	4	44	1.0
VTEC/STEC infection	7	210	4.7	16	147	3.3
Yersiniosis	37	484	10.9	36	514	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 December 2013) or the previous year (12 months up to and including December 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

Other notifiable infectious disease reported in December: Hepatitis NOS (2), Hydatid disease (1), Leprosy (1), Taeniasis (2)

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

Disease	Dec 2013	Nov 2013	Oct 2013	Sep 2013	Aug 2013	Jul 2013	Jun 2013	May 2013	Apr 2013	Mar 2013	Feb 2013	Jan 2013
Campylobacteriosis	898	731	656	663	637	524	373	396	324	385	514	735
Cryptosporidiosis	32	85	167	184	87	78	67	133	129	187	119	80
Dengue fever	9	10	13	7	9	11	3	14	6	6	6	13
Gastroenteritis <sup>2</sup>	48	49	44	48	79	55	27	37	36	42	39	58
Giardiasis	145	106	154	145	150	136	139	161	163	134	148	148
Haemophilus influenzae type b	1	1	1	0	0	0	0	1	0	0	1	0
Hepatitis A	3	1	15	5	11	12	8	3	18	2	11	3
Hepatitis B <sup>3</sup>	4	0	4	4	3	3	3	2	1	2	0	3
Hepatitis C <sup>3</sup>	6	2	3	2	4	9	1	2	2	6	3	3
Invasive pneumococcal disease	37	34	48	64	46	69	41	34	30	28	22	27
Legionellosis	24	20	15	15	5	13	6	8	9	11	13	17
Leptospirosis	3	12	5	6	5	6	4	9	6	4	3	7
Listeriosis	1	0	1	2	3	1	0	1	0	2	4	4
Malaria	3	4	2	4	6	3	5	2	4	1	7	7
Measles	6	0	1	0	0	0	0	0	0	1	0	0
Meningococcal disease	3	2	5	11	6	14	4	3	7	6	2	5
Mumps	1	2	1	4	1	0	2	2	5	2	3	3
Paratyphoid fever	0	2	1	3	2	2	0	5	2	2	4	2
Pertussis	158	209	243	261	264	295	194	292	269	348	451	555
Rheumatic fever	29	15	17	22	27	12	9	20	19	17	15	5
Rickettsial disease	1	1	0	2	0	1	1	1	0	1	1	0
Rubella	1	0	0	0	1	0	1	0	0	0	0	0
Salmonellosis	97	94	102	87	90	71	53	90	108	97	103	151
Shigellosis	10	4	10	9	6	13	15	9	15	15	14	18
Tuberculosis disease	29	23	30	34	14	20	22	28	17	21	17	30
Typhoid fever	5	3	3	0	1	2	5	0	3	3	12	13
VTEC/STEC infection	7	7	7	18	18	4	13	32	44	27	13	20
Yersiniosis	37	61	45	55	40	48	26	28	32	42	28	42

<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