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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 10 February 2015. 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

*Chikungunya fever:* 21 cases of chikungunya fever (13 confirmed, 2 probable and 6 under investigation) were notified in January 2015. All cases reported overseas travel during the incubation period to Samoa (18 cases), Fiji, French Polynesia, India, and Tokelau (1 case each). One case reported travel to more than one country.

*Cholera:* One case of cholera was notified in January 2015. After further investigation, the case has since been found not to meet the case criteria.

*Dengue fever:* 32 cases of dengue fever (26 confirmed, 1 probable, and 5 under investigation) were notified in January 2015 compared to 22 cases notified in the same month of the previous year. After further investigation, one case has since been found not to meet the case criteria. The travel history was recorded for 96.8% (30/31) of cases. The countries most commonly visited were Tonga (15 cases) and Indonesia (5 cases). Some cases reported travel to more than one country.

*Hydatid disease:* One case of hydatid disease was notified in January 2015. The case was a male in the 60–69 years age group from the Tairāwhiti DHB, with onset date in the 1960's.

*Invasive pneumococcal disease:* 18 cases were notified in January 2015 compared to 26 cases notified during the previous month. The highest number of cases was reported from Waitemata DHB (3 cases). The age range for cases was 5 months–91 years, with the highest numbers reported in the 60–69 years and 70+ years (5 cases each) age groups. Fifteen cases were hospitalised and one death (Table 3) from invasive pneumococcal disease was reported. Of the cases for which risk factor information was recorded, 46.7% (7/15) had a chronic illness, 13.3% (2/15) were immunocompromised, and 9.1% (1/11) was a smoker.

*Leprosy:* One probable leprosy case was notified in January 2015. The case was a male in the 5–9 years age group from the Hutt Valley DHB.

*Leptospirosis:* Seven cases of leptospirosis were notified in January 2015 (6 confirmed and 1 under investigation). This compared to two cases notified during the same month of the previous year. The cases were reported from Taranaki, Whanganui, Wairarapa, Nelson Marlborough, West Coast, Canterbury, and

Southern (1 case each) DHBs. Five cases reported a high-risk occupation as farmers or farm workers. The two cases that did not record a high-risk occupation had animal contact. *Leptospira* species were recorded for two cases: *Leptospira* Ballum and *L. Tarassovi* (1 case each).

**Meningococcal disease:** Five meningococcal disease cases were notified in January 2015 compared to two cases notified in the same month of the previous year. The cases were reported from Northland, Auckland, Counties Manukau, Waikato, and Southern (1 case each) DHBs. All cases were laboratory confirmed and the stain type was determined as group B (3 cases, none were the B:P1.7-2,4) and group C (2 cases, C:P1.5-1,10-8).

**Salmonellosis:** 142 cases of salmonellosis were notified in January 2015 compared to 104 cases notified during the same month of the previous year (Figure 1). After further investigation, one case has since been reclassified as paratyphoid fever. The highest numbers of cases were reported from Auckland (23 cases), Northland and Waitemata (19 cases each) DHBs. The cases ranged in age from 3 months to 86 years, with the highest numbers of cases in the 30–39 years (24 cases) and 40–49 years (22 cases) age groups. Twenty-one cases were hospitalised. The *Salmonella* serotype was identified in 132 (93.6%) of the cases. The most common were *S. Thompson* (24 cases), *S. Typhimurium* phage type 56 variant (8 cases), *S. Enteritidis* phage type 11 and *S. Infantis* (7 cases each). The increase in *S. Thompson* cases was due to an outbreak associated with a food premises in Northland. Among the cases for which risk factor information was recorded 52.0% (26/50) had consumed food from a food premises, 36.4% (32/88) had travelled overseas, and 28.3% (15/53) had recreational water contact. Five *Salmonella* outbreaks were reported in January including four finalised outbreak (8 cases) and one interim outbreak (case numbers not yet established).

**Shigellosis:** 24 cases of shigellosis were notified in January 2015 compared with seven cases notified during the same month of the previous year (Figure 2). The highest numbers of cases were reported from Capital and Coast (6 cases) and Auckland (5 cases) DHBs. The serotype involved was recorded for all cases: *Shigella sonnei* biotype g (10 cases), *S. flexneri* 2b, *S. flexneri* 3a, *S. sonnei* biotype a (3 cases each), and *S. flexneri* 2a (2 cases), *S. boydii* 13, and *S. flexneri* 3b, and *S. flexneri* y variant (1 case each). Information on overseas travel during the incubation period was recorded for 54.2% (13/24) of cases, of which five cases did not travel. Countries visited included India (3 cases), Vanuatu (2 cases), Australia, Indonesia and Viet Nam (1 case each). Three *Shigella* outbreaks were reported in January including one finalised outbreak (2 cases) and two interim outbreaks (case numbers not yet established).

**VTEC/STEC infection:** 20 cases of VTEC/STEC infection (15 confirmed and 5 under investigation) were notified in January 2015 compared to 10 cases notified during the same month of the previous year. After further investigation, one case has since been found not to meet the case criteria. The highest numbers of cases were reported from Waitemata, Auckland, and Nelson Marlborough (3 cases each) DHBs. Six cases were hospitalised of which one had haemolytic uraemic syndrome. The highest number of cases occurred in the 10–14 years age group (4 cases). The serotype/organism was identified by the Enteric Reference Laboratory for 16 cases of which 56.3% (9/16) were *Escherichia coli* O157:H7. Among the cases for which risk factor information was recorded, 80.0% (4/5) had contact with farm animals, 50.0% (2/4) had consumed water from a non-habitual water supply, and 44.4% (4/9) had contact with recreational water.

## 2. Outbreaks

During January 2015, a total of 50 outbreaks (32 final and 18 interim) were created (Table 1 and Table 2). 75.0% were outbreaks of acute gastroenteritis (19 finalised and 14 interim) involving 323 cases in total. This compares with 43 acute gastroenteritis outbreaks involving 748 cases in total created during the same month of the previous year. Of the 33 acute gastroenteritis outbreaks, 36.4% (12/33) were recorded as norovirus, 3.0% (1/33) as *Aeromonas* and 3.0% (1/33) as cholera. The remaining 19 did not have a pathogen recorded. The majority of acute gastroenteritis outbreaks (57.6%, 19/33) had person-to-person mode of transmission reported. The most commonly reported settings where exposure occurred were long term care facilities (16 outbreaks), childcare centres, and restaurant/café/bakery (3 outbreaks each).

**Table 1. Summary of final outbreaks created in EpiSurv during January 2015**

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
<i>Aeromonas</i> <sup>2</sup>	Auckland	1	5
<i>Campylobacter</i>	Waikato, Canterbury	5	24
<i>Cryptosporidium</i>	Waikato	1	5
Gastroenteritis <sup>1</sup>	Waitemata, Canterbury	8	107
<i>Giardia</i>	Nelson Marlborough	1	6
Norovirus	Waitemata, Counties Manukau, Bay of Plenty, MidCentral, Nelson Marlborough, Canterbury	10	177
<i>Salmonella</i>	Waitemata, Auckland, Counties Manukau, Waikato	4	8
<i>Shigella</i> <sup>2</sup>	Auckland	1	2
<i>Yersinia</i>	Bay of Plenty	1	2
<b>Total</b>		<b>32</b>	<b>336</b>

<sup>1</sup> Includes outbreak reported to PHSs prior to January 2015 gastroenteritis (2) reported in December 2014.

<sup>2</sup> Includes outbreaks with overseas transmission: *Aeromonas* (Fiji) and *Shigella* (Vanuatu).

**Table 2. Summary of interim outbreaks created in EpiSurv during January 2015**

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
<i>Campylobacter</i>	Canterbury	1	4
Cholera <sup>1</sup>	Northland	1	-
Gastroenteritis <sup>1</sup>	Northland, Waitemata, Auckland, Counties Manukau, MidCentral, Capital and Coast, Canterbury, Southern	11	31
Norovirus <sup>1</sup>	Canterbury	2	3
<i>Salmonella</i> <sup>1</sup>	Northland	1	-
<i>Shigella</i> <sup>1</sup>	Capital and Coast, Southern	2	5
<b>Total</b>		<b>18</b>	<b>43</b>

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

### 3. Deaths from notifiable diseases

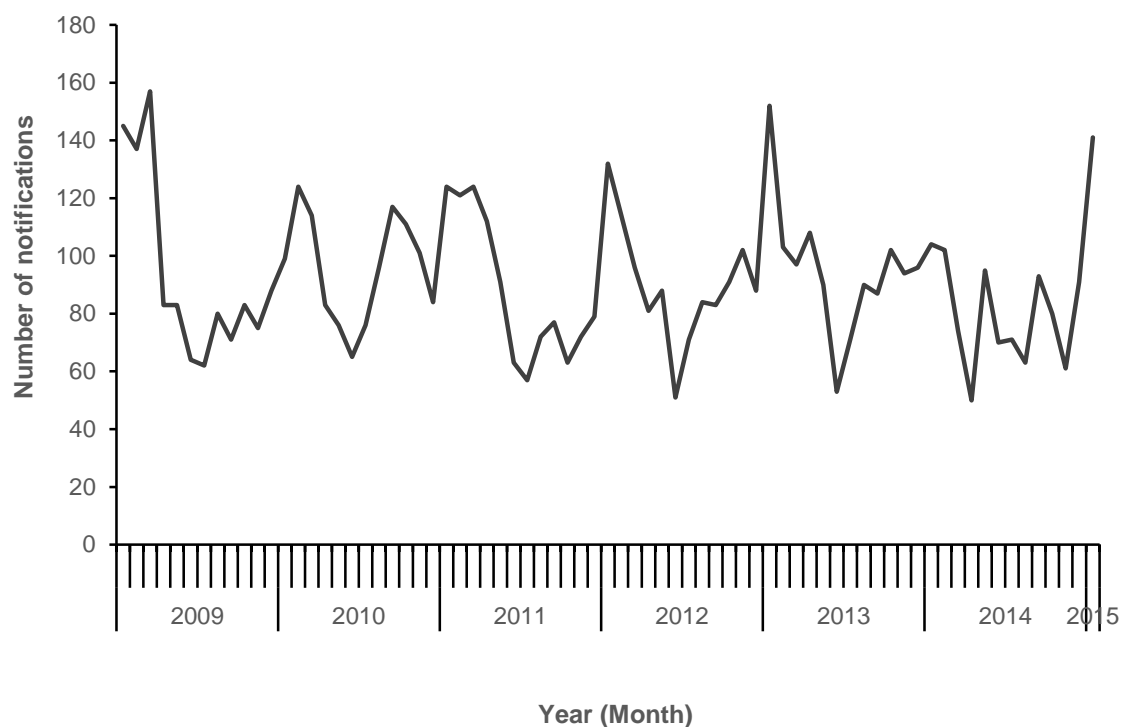
One death, where the primary cause of death was a notifiable disease, was reported in January 2015 (Table 3).

**Table 3. Summary of deaths from notifiable diseases reported during January 2015**

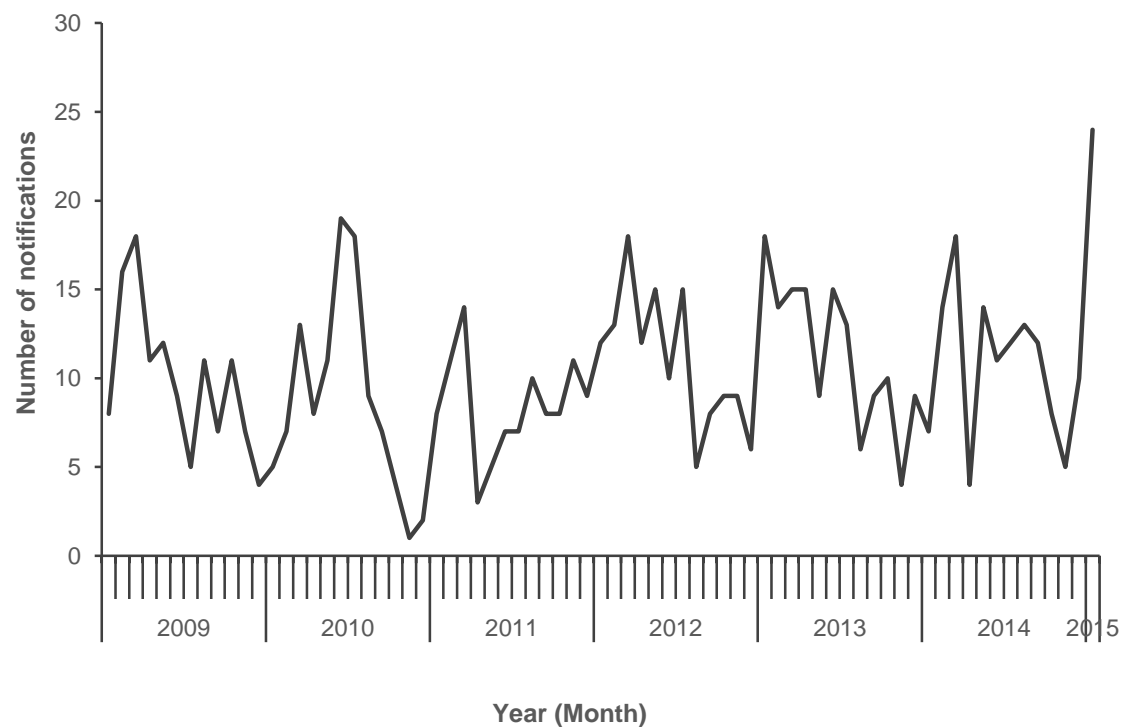
Disease	District Health Board	Age group (years)
Invasive pneumococcal disease	Whanganui	70+

#### 4. Trends in selected diseases to January 2015

**Figure 1. Salmonellosis notifications by month, January 2009–January 2015**



**Figure 2. Shigellosis notifications by month, January 2009–January 2015**



## 5. Data tables

### National Notifiable Disease Surveillance Data January 2015

Disease	Current Year - 2015 <sup>1</sup>			Previous Year - 2014		
	January 2015 Cases	Cumulative total since 1 January	Current 12 Month Rate <sup>2</sup>	January 2014 Cases	Cumulative total since 1 January	Current 12 Month Rate <sup>2</sup>
Campylobacteriosis	677	677	149.4	774	774	153.8
Cryptosporidiosis	37	37	13.1	36	36	29.2
Dengue fever	32	32	4.2	22	22	2.6
Gastroenteritis <sup>3</sup>	41	41	16.7	50	50	12.3
Giardiasis	124	124	37.1	174	174	39.3
Hepatitis A	7	7	1.6	10	10	2.2
Hepatitis B <sup>4</sup>	5	5	0.8	3	3	0.6
Hepatitis C <sup>4</sup>	9	9	0.8	4	4	0.8
Invasive pneumococcal disease	18	18	11.3	26	26	10.7
Legionellosis	10	10	2.8	13	13	3.3
Leptospirosis	7	7	1.5	2	2	1.3
Listeriosis	1	1	0.5	3	3	0.4
Malaria	3	3	0.8	2	2	0.9
Measles	1	1	5.8	22	22	0.7
Meningococcal disease	5	5	1.1	2	2	1.5
Mumps	5	5	0.5	1	1	0.5
Paratyphoid fever	0	0	0.4	3	3	0.6
Pertussis	63	63	22.9	170	170	70.6
Rheumatic fever	9	9	4.4	19	19	4.8
Rickettsial disease	1	1	0.2	0	0	0.2
Rubella	0	0	0.1	1	1	0.0
Salmonellosis	142	142	22.3	104	104	24.5
Shigellosis	24	24	3.2	7	7	2.8
Tuberculosis disease	24	24	6.7	32	32	6.2
Typhoid fever	8	8	1.0	7	7	1.0
VTEC/STEC infection	20	20	4.6	10	10	4.4
Yersiniosis	52	52	15.2	54	54	11.1

<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 January 2015) or the previous year (12 months up to and including January 2014), 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 January: Chikungunya fever (21), Cholera (1), Diphtheria (1), Hydatid disease (1), Leprosy (1), Ross River virus infection (1)

## Notifiable Disease Surveillance Data by District Health Board January 2015

		Cases <sup>1</sup> and current rate <sup>2</sup> for January 2015 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	23	84	63	58	59	15	30	6	23	27	11	19	28	44	6	17	6	89	19	50
	Rate	149.9	136.1	125.7	99.5	206.3	165.0	151.2	149.9	156.3	191.0	137.8	150.9	150.1	179.4	140.2	129.5	177.6	137.8	261.4	171.7
Cryptosporidiosis	Cases	0	7	4	2	3	0	0	0	1	1	0	1	1	4	1	2	0	6	0	4
	Rate	18.9	10.3	6.8	6.4	22.3	13.6	8.5	8.6	17.2	16.1	12.8	12.4	5.6	10.7	29.5	12.0	27.6	16.4	31.6	19.7
Dengue fever	Cases	0	3	13	8	1	0	1	0	0	0	0	0	1	1	0	0	1	2	0	1
	Rate	0.6	6.0	12.0	7.6	2.1	1.9	7.0	0.0	0.0	1.3	0.0	0.6	2.8	2.7	0.0	0.7	3.1	2.6	1.8	1.3
Gastroenteritis	Cases	0	6	9	0	0	1	2	0	1	0	0	6	5	6	1	0	0	3	0	1
	Rate	0.6	11.4	18.0	7.8	4.0	13.6	8.0	0.0	3.6	0.0	33.7	85.5	60.5	64.0	12.3	4.2	12.3	7.5	1.8	2.6
Giardiasis	Cases	6	19	11	13	2	6	4	1	4	4	3	4	4	17	1	8	0	8	2	7
	Rate	36.5	38.6	40.2	30.4	41.0	73.8	40.4	53.5	22.6	54.7	41.7	13.0	30.6	41.7	44.3	41.8	18.4	34.7	35.1	30.0
Haemophilus influenzae type b	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.3
Hepatitis A	Cases	0	0	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	2.5	1.6	2.8	3.7	0.5	1.0	0.5	2.1	0.0	1.9	3.2	1.2	6.3	0.7	0.0	0.0	0.0	0.6	1.8	0.0
Hepatitis B	Cases	0	0	2	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.9	0.9	0.6	0.5	0.0	1.9	2.1	0.9	1.3	0.0	0.0	1.4	0.3	0.0	1.4	0.0	1.4	0.0	0.6
Hepatitis C	Cases	0	0	0	0	0	0	0	0	2	0	0	0	1	2	0	0	0	4	0	0
	Rate	2.5	0.0	0.4	0.0	0.0	0.0	0.5	0.0	4.5	0.6	0.0	0.0	2.8	1.0	0.0	1.4	0.0	2.0	0.0	1.6
Invasive pneumococcal	Cases	1	3	0	1	1	0	2	0	0	0	2	0	1	2	0	2	0	2	0	1
	Rate	16.4	8.5	12.0	14.5	10.7	25.2	16.0	15.0	12.6	10.3	17.6	12.4	9.7	10.0	14.8	5.7	3.1	7.9	7.0	9.0
Legionellosis	Cases	3	1	0	0	1	1	0	0	0	0	0	1	0	0	0	0	1	1	0	1
	Rate	6.3	2.7	1.3	3.5	0.8	1.0	2.3	0.0	0.9	0.6	0.0	3.5	0.7	0.7	0.0	3.5	18.4	7.5	1.8	1.6
Leptospirosis	Cases	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	1	1	1	0	1
	Rate	3.1	0.2	0.0	0.4	1.9	2.9	0.5	2.1	3.6	9.0	6.4	2.4	0.0	0.0	7.4	2.1	6.1	0.8	1.8	1.9
Listeriosis	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	Rate	0.0	0.4	0.9	1.4	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.2	0.0	0.3	0.0	0.0	0.0	0.4	0.0	0.6
Malaria	Cases	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.2	2.4	1.2	0.8	1.0	0.5	0.0	0.9	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.2	0.0	0.3
Measles	Cases	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	Rate	3.8	10.7	3.6	5.0	33.5	0.0	1.4	4.3	4.5	7.7	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.2	0.0	0.0
Meningococcal disease	Cases	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Rate	2.5	0.5	0.9	0.4	1.3	0.0	1.4	2.1	0.9	1.3	0.0	1.2	0.7	0.7	2.5	2.1	0.0	1.2	5.3	1.9
Mumps	Cases	0	0	1	1	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0
	Rate	0.0	0.4	0.9	0.4	0.0	1.0	0.9	2.1	0.0	0.6	1.6	0.0	0.0	0.3	2.5	0.7	0.0	1.2	1.8	0.0
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	0.5	0.6	0.8	0.3	0.0	0.0	0.0	0.9	0.0	0.0	0.6	1.4	0.0	0.0	0.0	0.0	0.2	0.0	0.6
Pertussis	Cases	2	13	4	14	0	1	1	1	2	3	0	3	2	4	0	0	1	10	0	2
	Rate	18.9	35.0	20.7	31.0	27.1	14.6	15.5	21.4	22.6	25.7	1.6	8.3	16.7	29.0	2.5	30.4	15.3	19.7	7.0	12.3
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	1	3	0	3	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	Rate	12.0	2.8	4.1	14.9	4.3	7.8	3.3	17.1	0.0	2.6	1.6	0.6	3.5	2.7	4.9	0.0	3.1	0.8	0.0	0.3
Rickettsial disease	Cases	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.0	0.2	0.2	1.1	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
	Rate	0.0	0.0	0.6	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
Salmonellosis	Cases	19	19	23	10	12	3	3	0	6	0	1	1	8	6	2	2	0	18	2	7
	Rate	27.7	24.5	25.2	16.1	16.6	19.4	17.4	21.4	18.1	24.4	16.0	13.6	18.1	13.0	19.7	22.6	18.4	29.0	31.6	38.4
Shigellosis	Cases	0	2	5	1	2	0	1	0	0	0	0	0	1	6	0	0	0	3	0	3
	Rate	1.3	2.7	7.3	5.8	2.7	1.9	1.4	0.0	2.7	1.3	0.0	0.6	2.1	6.0	0.0	0.0	0.0	1.4	3.5	4.2
Tuberculosis disease	Cases	1	4	8	2	1	1	0	0	0	0	0	1	1	0	0	0	1	4	0	0
	Rate	5.0	6.9	15.2	8.7	4.0	4.9	5.2	4.3	3.6	2.6	1.6	7.7	8.3	11.3	4.9	1.4	6.1	5.5	1.8	0.3
Typhoid fever	Cases	0	1	2	2	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1
	Rate	0.0	0.4	2.6	2.9	0.3	0.0	0.9	2.1	0.0	1.3	0.0	0.0	0.7	0.7	0.0	0.7	0.0	0.2	0.0	1.0
Viral Haemorrhagic 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
VTEC/STEC infection	Cases	1	4	3	0	2	0	0	0	1	0	1	0	0	0	0	3	0	1	2	2
	Rate	7.6	3.7	3.6	3.3	10.5	5.8	3.8	0.0	7.2	1.3	6.4	2.4	2.1	2.0	2.5	5.7	0.0	4.7	15.8	5.2
Yersiniosis	Cases	1	5	5	1	5	2	3	1	1	0	0	1	2	5	0	2	0	17	0	1
	Rate	6.3	10.0	14.5	9.3	15.8	19.4	20.7	17.1	9.0	10.9	6.4	6.5	13.9	22.7	2.5	2.8	9.2	37.2	15.8	10.0

<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 January 2015 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 January 2015

		Cases <sup>1</sup> and current rate <sup>2</sup> for January 2015 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	23	84	63	58	59	15	30	6	23	27	11	19	28	44	6	17	6	89	19	50
	Rate	149.9	136.1	125.7	99.5	206.3	165.0	151.2	149.9	156.3	191.0	137.8	150.9	150.1	179.4	140.2	129.5	177.6	137.8	261.4	171.7
Cryptosporidiosis	Cases	0	7	4	2	3	0	0	0	1	1	0	1	1	4	1	2	0	6	0	4
	Rate	18.9	10.3	6.8	6.4	22.3	13.6	8.5	8.6	17.2	16.1	12.8	12.4	5.6	10.7	29.5	12.0	27.6	16.4	31.6	19.7
Dengue fever	Cases	0	3	13	8	1	0	1	0	0	0	0	0	1	1	0	0	1	2	0	1
	Rate	0.6	6.0	12.0	7.6	2.1	1.9	7.0	0.0	0.0	1.3	0.0	0.6	2.8	2.7	0.0	0.7	3.1	2.6	1.8	1.3
Gastroenteritis	Cases	0	6	9	0	0	1	2	0	1	0	0	6	5	6	1	0	0	3	0	1
	Rate	0.6	11.4	18.0	7.8	4.0	13.6	8.0	0.0	3.6	0.0	33.7	85.5	60.5	64.0	12.3	4.2	12.3	7.5	1.8	2.6
Giardiasis	Cases	6	19	11	13	2	6	4	1	4	4	3	4	4	17	1	8	0	8	2	7
	Rate	36.5	38.6	40.2	30.4	41.0	73.8	40.4	53.5	22.6	54.7	41.7	13.0	30.6	41.7	44.3	41.8	18.4	34.7	35.1	30.0
Haemophilus influenzae type b	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	0.2	0.2	0.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.3
Hepatitis A	Cases	0	0	6	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	2.5	1.6	2.8	3.7	0.5	1.0	0.5	2.1	0.0	1.9	3.2	1.2	6.3	0.7	0.0	0.0	0.0	0.6	1.8	0.0
Hepatitis B	Cases	0	0	2	0	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.9	0.9	0.6	0.5	0.0	1.9	2.1	0.9	1.3	0.0	0.0	1.4	0.3	0.0	1.4	0.0	1.4	0.0	0.6
Hepatitis C	Cases	0	0	0	0	0	0	0	0	2	0	0	0	1	2	0	0	0	4	0	0
	Rate	2.5	0.0	0.4	0.0	0.0	0.0	0.5	0.0	4.5	0.6	0.0	0.0	2.8	1.0	0.0	1.4	0.0	2.0	0.0	1.6
Invasive pneumococcal disease	Cases	1	3	0	1	1	0	2	0	0	0	2	0	1	2	0	2	0	2	0	1
	Rate	16.4	8.5	12.0	14.5	10.7	25.2	16.0	15.0	12.6	10.3	17.6	12.4	9.7	10.0	14.8	5.7	3.1	7.9	7.0	9.0
Legionellosis	Cases	3	1	0	0	1	1	0	0	0	0	0	1	0	0	0	0	1	1	0	1
	Rate	6.3	2.7	1.3	3.5	0.8	1.0	2.3	0.0	0.9	0.6	0.0	3.5	0.7	0.7	0.0	3.5	18.4	7.5	1.8	1.6
Leptospirosis	Cases	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	1	1	1	0	1
	Rate	3.1	0.2	0.0	0.4	1.9	2.9	0.5	2.1	3.6	9.0	6.4	2.4	0.0	0.0	7.4	2.1	6.1	0.8	1.8	1.9
Listeriosis	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
	Rate	0.0	0.4	0.9	1.4	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.2	0.0	0.3	0.0	0.0	0.0	0.4	0.0	0.6
Malaria	Cases	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.2	2.4	1.2	0.8	1.0	0.5	0.0	0.9	0.0	0.0	0.0	1.4	0.0	0.0	0.0	0.0	1.2	0.0	0.3
Measles	Cases	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
	Rate	3.8	10.7	3.6	5.0	33.5	0.0	1.4	4.3	4.5	7.7	0.0	0.0	0.0	0.7	0.0	0.0	0.0	0.2	0.0	0.0
Meningococcal disease	Cases	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
	Rate	2.5	0.5	0.9	0.4	1.3	0.0	1.4	2.1	0.9	1.3	0.0	1.2	0.7	0.7	2.5	2.1	0.0	1.2	5.3	1.9
Mumps	Cases	0	0	1	1	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0
	Rate	0.0	0.4	0.9	0.4	0.0	1.0	0.9	2.1	0.0	0.6	1.6	0.0	0.0	0.3	2.5	0.7	0.0	1.2	1.8	0.0
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	0.5	0.6	0.8	0.3	0.0	0.0	0.0	0.9	0.0	0.0	0.6	1.4	0.0	0.0	0.0	0.0	0.2	0.0	0.6
Pertussis	Cases	2	13	4	14	0	1	1	1	2	3	0	3	2	4	0	0	1	10	0	2
	Rate	18.9	35.0	20.7	31.0	27.1	14.6	15.5	21.4	22.6	25.7	1.6	8.3	16.7	29.0	2.5	30.4	15.3	19.7	7.0	12.3
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	1	3	0	3	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0
	Rate	12.0	2.8	4.1	14.9	4.3	7.8	3.3	17.1	0.0	2.6	1.6	0.6	3.5	2.7	4.9	0.0	3.1	0.8	0.0	0.3
Rickettsial disease	Cases	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.0	0.2	0.2	1.1	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
	Rate	0.0	0.0	0.6	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
Salmonellosis	Cases	19	19	23	10	12	3	3	0	6	0	1	1	8	6	2	2	0	18	2	7
	Rate	27.7	24.5	25.2	16.1	16.6	19.4	17.4	21.4	18.1	24.4	16.0	13.6	18.1	13.0	19.7	22.6	18.4	29.0	31.6	38.4
Shigellosis	Cases	0	2	5	1	2	0	1	0	0	0	0	0	1	6	0	0	0	3	0	3
	Rate	1.3	2.7	7.3	5.8	2.7	1.9	1.4	0.0	2.7	1.3	0.0	0.6	2.1	6.0	0.0	0.0	0.0	1.4	3.5	4.2
Tuberculosis disease	Cases	1	4	8	2	1	1	0	0	0	0	0	1	1	0	0	0	1	4	0	0
	Rate	5.0	6.9	15.2	8.7	4.0	4.9	5.2	4.3	3.6	2.6	1.6	7.7	8.3	11.3	4.9	1.4	6.1	5.5	1.8	0.3
Typhoid fever	Cases	0	1	2	2	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1
	Rate	0.0	0.4	2.6	2.9	0.3	0.0	0.9	2.1	0.0	1.3	0.0	0.0	0.7	0.7	0.0	0.7	0.0	0.2	0.0	1.0
Viral Haemorrhagic 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
VTEC/STEC infection	Cases	1	4	3	0	2	0	0	0	1	0	1	0	0	0	0	3	0	1	2	2
	Rate	7.6	3.7	3.6	3.3	10.5	5.8	3.8	0.0	7.2	1.3	6.4	2.4	2.1	2.0	2.5	5.7	0.0	4.7	15.8	5.2
Yersiniosis	Cases	1	5	5	1	5	2	3	1	1	0	0	1	2	5	0	2	0	17	0	1
	Rate	6.3	10.0	14.5	9.3	15.8	19.4	20.7	17.1	9.0	10.9	6.4	6.5	13.9	22.7	2.5	2.8	9.2	37.2	15.8	10.0

<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 January 2015 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 January 2015

Disease	Current Year - 2015 <sup>1</sup>			Previous Year - 2014		
	January 2015 Cases	Cumulative total since 1 January	Current 12 Month Rate <sup>2</sup>	January 2014 Cases	Cumulative total since 1 January	Current 12 Month Rate <sup>2</sup>
Campylobacteriosis	677	677	149.4	774	774	153.8
Cryptosporidiosis	37	37	13.1	36	36	29.2
Dengue fever	32	32	4.2	22	22	2.6
Gastroenteritis <sup>3</sup>	41	41	16.7	50	50	12.3
Giardiasis	124	124	37.1	174	174	39.3
Hepatitis A	7	7	1.6	10	10	2.2
Hepatitis B <sup>4</sup>	5	5	0.8	3	3	0.6
Hepatitis C <sup>4</sup>	9	9	0.8	4	4	0.8
Invasive pneumococcal disease	18	18	11.3	26	26	10.7
Legionellosis	10	10	2.8	13	13	3.3
Leptospirosis	7	7	1.5	2	2	1.3
Listeriosis	1	1	0.5	3	3	0.4
Malaria	3	3	0.8	2	2	0.9
Measles	1	1	5.8	22	22	0.7
Meningococcal disease	5	5	1.1	2	2	1.5
Mumps	5	5	0.5	1	1	0.5
Paratyphoid fever	0	0	0.4	3	3	0.6
Pertussis	63	63	22.9	170	170	70.6
Rheumatic fever	9	9	4.4	19	19	4.8
Rickettsial disease	1	1	0.2	0	0	0.2
Rubella	0	0	0.1	1	1	0.0
Salmonellosis	142	142	22.3	104	104	24.5
Shigellosis	24	24	3.2	7	7	2.8
Tuberculosis disease	24	24	6.7	32	32	6.2
Typhoid fever	8	8	1.0	7	7	1.0
VTEC/STEC infection	20	20	4.6	10	10	4.4
Yersiniosis	52	52	15.2	54	54	11.1

<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 January 2015) or the previous year (12 months up to and including January 2014), 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 January: Chikungunya fever (21), Cholera (1), Diphtheria (1), Hydatid disease (1), Leprosy (1), Ross River virus infection (1)



# National Notifiable Disease Surveillance Data – Monthly totals for January 2015 and preceding 12 Months<sup>1</sup>

Disease	Jan 2015	Dec 2014	Nov 2014	Oct 2014	Sep 2014	Aug 2014	Jul 2014	Jun 2014	May 2014	Apr 2014	Mar 2014	Feb 2014
Campylobacteriosis	677	887	776	682	545	506	380	388	394	401	509	534
Cryptosporidiosis	37	24	70	144	120	49	25	22	30	18	21	25
Dengue fever	32	12	8	13	5	14	14	11	18	18	28	17
Gastroenteritis <sup>2</sup>	41	53	59	110	116	66	52	43	37	49	73	47
Giardiasis	124	122	116	107	142	125	156	157	195	114	157	144
Haemophilus influenzae type b	0	1	1	0	0	0	0	1	0	1	0	1
Hepatitis A	7	1	12	7	2	9	2	1	2	1	10	18
Hepatitis B <sup>3</sup>	5	2	1	5	3	5	4	2	5	1	3	1
Hepatitis C <sup>3</sup>	9	1	0	0	3	4	4	4	5	3	1	3
Invasive pneumococcal disease	18	44	39	52	54	53	66	54	36	38	36	15
Legionellosis	10	21	22	9	8	4	14	6	10	7	4	9
Leptospirosis	7	8	2	11	5	3	10	4	5	5	1	4
Listeriosis	1	2	0	2	0	1	4	4	1	3	3	2
Malaria	3	2	3	4	3	6	4	3	1	2	2	1
Measles	1	0	3	1	1	7	38	98	11	10	50	39
Meningococcal disease	5	2	1	5	7	8	3	4	8	2	3	1
Mumps	5	2	3	2	4	1	2	0	0	0	5	0
Paratyphoid fever	0	2	1	2	0	2	1	1	3	2	3	1
Pertussis	63	57	96	110	81	74	93	88	91	80	89	103
Rheumatic fever	9	11	6	13	21	19	35	16	20	11	18	18
Rickettsial disease	1	0	3	2	1	0	0	0	0	0	0	0
Rubella	0	0	0	0	0	0	3	0	0	0	0	0
Salmonellosis	142	92	61	81	93	63	71	73	95	51	74	102
Shigellosis	24	10	5	8	12	13	12	11	14	4	18	14
Tuberculosis disease	24	34	19	26	25	29	19	16	25	26	39	18
Typhoid fever	8	4	2	2	4	1	5	4	1	1	7	4
VTEC/STEC infection	20	11	11	17	22	17	8	11	22	22	34	10
Yersiniosis	52	35	47	167	167	30	35	31	20	27	33	36

<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