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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 6 March 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

*Diphtheria:* One confirmed case of diphtheria was notified in February 2014. The case was a male in the 20–29 years age group from Capital & Coast DHB and was in Tokelau during the incubation period for the disease.

*Hepatitis A:* 18 cases of hepatitis A were notified in February 2014 compared to 10 cases notified during the January 2014 and 11 cases notified during the same month of the previous year (Figure 1). Of the 18 notified cases 14 were laboratory confirmed and the remaining four cases were still under investigation. Ethnicity was recorded for 14 (77.8%) cases. The cases were distributed by ethnic group as follows: Pacific Peoples (12 cases), Asian and European or Other (1 case each). The highest number of cases was reported from Counties Manukau DHB (7 cases), followed by Hutt Valley DHB (6 cases). The age range for cases was 11 months–84 years with the highest number of cases in the 20–29 and 15–19 years age groups (4 and 3 cases, respectively). Overseas travel information was recorded for 13 (72.2%) cases. Of these, seven had travelled overseas during the incubation period for the disease. Countries visited included Fiji (3 cases), Samoa (3 cases), Australia and United Kingdom (not further defined) (1 case each). One case visited more than one country.

*Hepatitis C:* Five cases of hepatitis C were notified in February 2014 (2 confirmed and 3 under investigation) compared to three cases notified during the same month of the previous year. All five cases were from the European or Other ethnic group. Four cases were from Canterbury DHB and the remaining case was from Hutt Valley DHB. The age range for cases was 21–43 years. Both of the confirmed cases had risk factors recorded which indicated a history of injecting drug use.

*Hepatitis not otherwise specified (NOS):* One case of hepatitis NOS was notified in February 2014, the case has since been found to not meet the case criteria after further investigation.

*Hydatid disease:* One confirmed case of hydatid disease was notified in February 2014. The case was a female in the 20–29 years age group from Counties Manukau DHB who had been overseas in Syria and Iraq during the incubation period for the disease.

*Leprosy:* One confirmed case of leprosy was notified in February 2014. The case was a male in the 70 years and over age group from Counties Manukau DHB and was overseas in the Cook Islands during the incubation period for the disease.

*Measles:* 39 confirmed cases of measles were notified in February 2014 compared to 22 cases in January 2014 and zero cases notified during the same month of the previous year. Hospitalisation status was recorded for all cases of which four (10.3%) cases were hospitalised. The highest number of cases was reported from Waitemata DHB (27 cases), followed by Counties Manukau (7 cases) and Auckland (5 cases) DHBs. Ethnicity was recorded for 30 (76.9%) cases. The cases were distributed by ethnic groups as follows: European or Other (23 cases), Asian (5 cases), and Māori (2 cases). The age range for cases was 1–33 years, with the highest number of cases in the 10–14 and 15–19 years age groups (18 and 17 cases, respectively). The vaccination status was recorded for 24 (61.5%) cases. Of these, 16 were reported as not vaccinated, one received one dose of vaccine and six received two doses of vaccine, and one was reported as being vaccinated but no dose information was available. Of the cases for which risk factor information was recorded, 79.3% (23/29) reported contact with another measles case in the previous three weeks, 90.6% (29/32) reported attendance at school, pre-school or childcare and 26.1% (6/23) reported overseas travel during the incubation period.

*Pertussis:* 107 cases of pertussis were notified in February 2014 (41 confirmed, 42 probable, 5 suspect, and 19 under investigation) compared to 451 cases in the same month of the previous year. Of the 85 cases with hospitalisation status recorded, eight (9.4%) cases were hospitalised. The highest numbers of cases were reported from Waitemata, Counties Manukau, Waikato, and Canterbury (17 cases each) DHBs. Ethnicity was recorded for 84 (78.5%) cases. The cases were distributed by ethnic groups as follows: European or Other (59 cases), Māori (15 cases), and Pacific Peoples (10 cases). Age was recorded for 106 (99.1%) cases. The age range for cases was 1 month–85 years with the highest number of cases in the 30–39 and 50–59 years age groups (15 cases each). The vaccination status was recorded for 43 (40.2%) cases. Of these, 19 were reported as not vaccinated, two received one dose of vaccine, one received two doses of vaccine, 18 received three or more doses, and three were reported as being vaccinated but no dose information was available.

*Rheumatic fever:* 21 cases of rheumatic fever (19 initial attacks and 2 recurrent attacks) were notified in February 2014 compared to 13 cases notified during the January 2014 and 15 cases notified during the same month of the previous year (Figure 2). Of the 17 cases with an onset date recorded, 10 (58.8%) cases had an onset date prior to February 2014. Of the 18 cases with hospitalisation status recorded, 17 (94.4%) cases were hospitalised. The DHB with the highest number of cases reported was Counties Manukau (5 cases), followed by Northland and Tairāwhiti (3 cases each). Ethnicity was recorded for 19 (90.5%) cases. The cases were distributed by ethnic group as follows: Māori (13 cases), Pacific Peoples (5 cases), and European or Other (1 case). The age range for cases was 7–38 years with the highest number of cases in the 10–14 and 5–9 year age groups (7 and 6 cases, respectively).

*Rickettsial disease:* One case of rickettsial disease was notified in February 2014. The case was a male in the 5–9 years age group from Auckland DHB. As the case is still under investigation risk factor information is currently unavailable.

## 2. Outbreaks

**Table 1. Summary of final outbreaks created in EpiSurv during February 2014**

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
<i>Campylobacter</i>	Waikato	1	2
<i>Cryptosporidium</i> <sup>1</sup>	Bay of Plenty	1	5
Gastroenteritis	Waitemata, Capital & Coast	3	13
<i>Giardia</i> <sup>1, 2, 3</sup>	Waitemata, Auckland, Counties Manukau, Waikato, Bay of Plenty, MidCentral	10	31
Norovirus	Northland, Taranaki, Hawke's Bay, Nelson Marlborough	4	94
Rotavirus	Auckland	1	3
<i>Salmonella</i> <sup>2</sup>	Auckland, MidCentral	3	8
<i>Shigella</i> <sup>3</sup>	Auckland	2	4
<b>Total</b>		<b>24</b>	<b>155</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 February 2014: *Giardia* (2) reported in January 2014; *Salmonella* (2), one reported in April 2013 and one reported in January 2014.

<sup>3</sup> Includes outbreaks with an overseas transmission: *Giardia* (1) reported from Auckland DHB (India), and *Shigella* (2) reported from Auckland DHB (Fiji).

**Table 2. Summary of interim outbreaks created in EpiSurv during February 2014**

Organism/Toxin/Illness	DHB(s) where exposure occurred	Number of outbreaks	Total number of cases
Astrovirus <sup>1, 2</sup>	Canterbury	1	-
<i>Campylobacter</i> <sup>2</sup>	Waikato	1	-
<i>Escherichia coli</i> O157:H7 <sup>2</sup>	Waikato	1	-
Gastroenteritis <sup>3</sup>	Northland, Waitemata, Auckland, Counties Manukau, Waikato, Bay of Plenty, Whanganui, MidCentral, Capital & Coast, Nelson Marlborough, Canterbury, Southern	37	182
<i>Giardia</i> <sup>3</sup>	Waikato	1	2
Hepatitis A virus <sup>2</sup>	Counties Manukau, Hutt Valley	2	-
Influenza A(H1N1) virus <sup>3</sup>	Hawke's Bay	1	1
Measles virus <sup>2</sup>	Waitemata, Auckland, Counties Manukau	5	-
Norovirus <sup>1, 3</sup>	Northland, Waitemata, Auckland, Lakes, Bay of Plenty, Capital & Coast, Nelson Marlborough, Canterbury	14	237
Rotavirus	Hutt Valley	1	13
<i>Salmonella</i> <sup>3</sup>	Counties Manukau, Waikato	2	5
<b>Total</b>		<b>65</b>	<b>440</b>

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

<sup>2</sup> Interim outbreak(s) where total number of cases had not been completed.

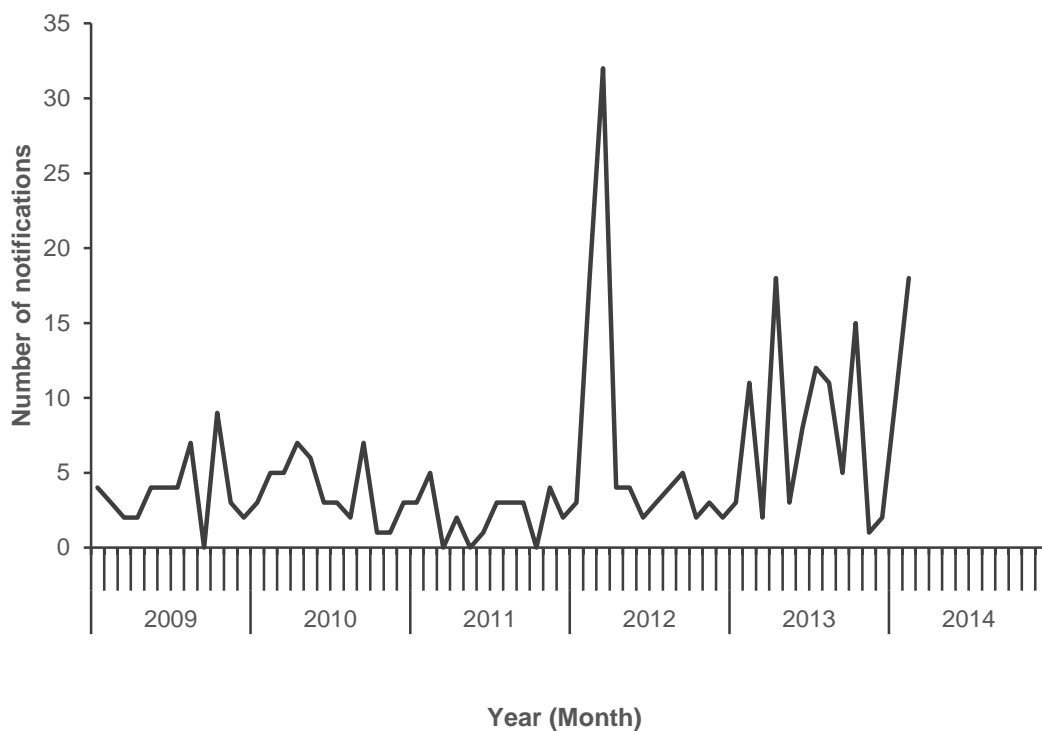
<sup>3</sup> Includes interim outbreak(s) where total number of cases had not been completed.

### **3. Deaths from notifiable diseases**

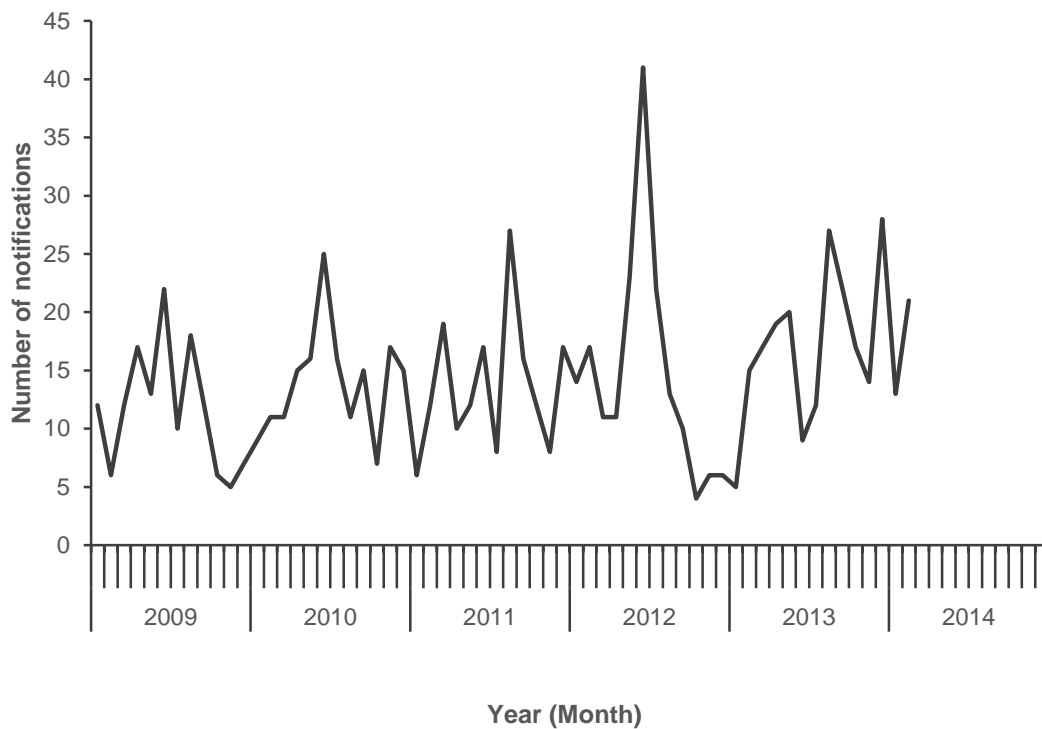
No deaths, where the primary cause of death was a notifiable disease, were reported in February 2014.

#### 4. Trends in selected diseases to February 2014

**Figure 1. Hepatitis A notifications by month, January 2009–February 2014**



**Figure 2. Rheumatic fever notifications by month, January 2009–February 2014**



## 5. Data tables

### National Notifiable Disease Surveillance Data February 2014

Disease	Current Year - 2014 <sup>1</sup>			Previous Year - 2013		
	February 2014 Cases	Cumulative total since 1 January	Current 12 Month Rate <sup>2</sup>	February 2013 Cases	Cumulative total since 1 January	Current 12 Month Rate <sup>2</sup>
Campylobacteriosis	535	1309	154.3	514	1249	149.1
Cryptosporidiosis	25	61	27.1	119	199	22.9
Dengue fever	18	41	2.9	6	19	2.0
Gastroenteritis <sup>3</sup>	42	91	12.3	39	97	16.5
Giardiasis	145	319	39.2	148	296	37.7
Haemophilus influenzae type b	2	2	0.1	0	0	0.1
Hepatitis A	18	28	2.3	11	14	1.7
Hepatitis B <sup>4</sup>	3	7	0.7	0	3	0.8
Hepatitis C <sup>4</sup>	5	10	0.9	3	6	0.7
Invasive pneumococcal disease <sup>5</sup>	15	40	10.5	22	49	11.2
Legionellosis	11	24	3.3	13	30	3.3
Leptospirosis	4	7	1.3	2	8	2.3
Listeriosis	2	5	0.4	4	8	0.6
Malaria	1	3	0.8	7	14	1.1
Measles	39	61	1.5	0	0	0.4
Meningococcal disease <sup>6</sup>	1	3	1.4	2	7	1.8
Mumps	3	4	0.5	3	6	0.6
Paratyphoid fever	1	4	0.5	4	6	0.5
Pertussis	107	277	62.8	451	1006	136.3
Rheumatic fever	21	34	4.9	15	20	3.9
Rickettsial disease	1	1	0.2	1	1	0.1
Rubella	0	1	0.0	0	0	0.1
Salmonellosis	102	206	24.5	103	255	24.6
Shigellosis	14	21	2.8	14	32	3.1
Tuberculosis disease	20	54	6.4	17	47	6.5
Typhoid fever	5	12	0.8	12	25	1.4
VTEC/STEC infection	11	23	4.4	13	33	3.5
Yersiniosis	41	95	11.4	28	70	11.5

<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 2014) or the previous year (12 months up to and including February 2013), 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 February: Diphtheria (1), Hepatitis NOS (1), Hydatid disease (1), Leprosy (1)

# Notifiable Disease Surveillance Data by District Health Board February 2014

		Cases <sup>1</sup> and current rate <sup>2</sup> for February 2014 by District Health Board <sup>3</sup>																			
Disease		Northland	Waitemata	Auckland	Counties Manukau	Waikato	Lakes	Bay of Plenty	Tairāhiti	Taranaki	Hawke's Bay	Wairarapa	Midcentral	Hutt Valley	Capital and Coast	Wairarapa	Nelson Marlborough	West Coast	Canterbury	South Canterbury	Southern
Campylobacteriosis	Cases	12	58	56	43	54	9	30	4	11	21	4	25	13	28	6	18	5	66	9	63
	Rate	138.6	135.0	128.0	106.9	201.5	172.8	134.8	182.0	202.3	211.6	173.1	171.5	105.6	145.7	196.8	140.1	226.6	165.1	292.9	183.7
Cryptosporidiosis	Cases	0	5	3	2	2	3	1	0	1	3	0	0	0	0	0	0	0	3	0	2
	Rate	18.3	21.2	16.9	10.1	48.0	48.5	18.3	6.4	34.3	63.0	25.6	24.8	27.1	29.7	27.1	13.4	24.5	35.7	64.9	26.5
Dengue fever	Cases	1	3	5	5	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	1
	Rate	3.8	3.0	7.7	4.7	0.8	2.9	2.8	0.0	0.9	0.6	1.6	0.0	4.2	2.7	2.5	1.4	0.0	1.8	1.8	1.0
Gastroenteritis	Cases	0	9	12	5	1	0	0	0	0	0	0	0	4	6	0	0	0	4	0	1
	Rate	3.8	12.8	15.6	7.0	5.9	8.7	9.9	0.0	7.2	0.6	32.1	33.0	50.0	33.7	14.8	2.1	24.5	4.3	0.0	5.2
Giardiasis	Cases	6	33	15	10	8	5	4	0	2	6	2	2	4	9	1	7	0	17	5	9
	Rate	29.6	35.2	42.7	36.7	46.9	56.3	44.1	27.8	47.9	43.7	17.6	24.2	29.2	52.3	51.6	47.4	36.8	32.9	33.3	38.7
<i>Haemophilus influenzae</i> type b	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
	Rate	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.2	0.0	0.3
Hepatitis A	Cases	0	2	1	7	0	0	0	0	0	0	0	0	6	1	0	0	0	1	0	0
	Rate	2.5	2.3	1.7	2.1	0.3	0.0	0.5	0.0	0.0	3.9	1.6	0.6	4.2	0.7	0.0	0.7	0.0	9.1	1.8	1.0
Hepatitis B	Cases	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	Rate	1.3	0.4	0.9	0.8	1.3	0.0	0.9	0.0	0.0	0.0	3.2	0.0	0.7	0.3	0.0	0.0	3.1	0.8	0.0	1.3
Hepatitis C	Cases	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	4	0	0
	Rate	1.3	0.2	0.9	0.2	0.0	0.0	0.0	0.0	2.7	0.0	3.2	0.0	2.1	0.0	0.0	0.7	0.0	3.4	0.0	2.3
Invasive pneumococcal	Cases	1	1	2	4	1	1	1	0	0	1	0	0	1	0	0	0	0	2	0	0
	Rate	12.6	8.5	8.5	12.4	11.0	24.3	17.4	10.7	7.2	14.2	17.6	10.0	7.6	8.3	12.3	9.2	18.4	8.1	8.8	8.7
Legionellosis	Cases	3	2	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	1	0
	Rate	4.4	5.0	2.1	3.3	0.5	1.0	2.3	0.0	1.8	1.3	0.0	1.8	1.4	0.3	0.0	0.7	12.3	10.4	3.5	2.6
Leptospirosis	Cases	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0
	Rate	1.3	0.2	0.2	0.4	1.3	1.0	3.3	0.0	4.5	7.7	0.0	3.5	0.0	0.0	4.9	1.4	3.1	0.8	7.0	1.0
Listeriosis	Cases	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
	Rate	0.6	0.5	0.6	0.2	0.0	0.0	0.9	0.0	0.9	0.0	0.0	1.2	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.3
Malaria	Cases	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	1.1	2.1	1.0	0.5	0.0	0.9	0.0	0.0	0.0	1.6	1.2	0.7	0.3	0.0	0.7	0.0	0.8	0.0	0.0
Measles	Cases	0	27	5	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	5.3	1.9	1.9	0.0	13.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.2	0.0	0.0
Meningococcal disease	Cases	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	3.1	1.1	1.1	2.1	1.1	2.9	0.9	0.0	2.7	1.9	1.6	0.6	0.7	0.7	0.0	0.7	0.0	1.6	1.8	2.3
Mumps	Cases	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	2.5	0.7	0.4	0.2	0.0	1.9	0.9	0.0	0.0	0.6	0.0	0.0	0.7	0.3	2.5	0.0	0.0	0.2	1.8	0.0
Paratyphoid fever	Cases	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	1.1	1.5	0.0	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	0.6	1.8	0.6
Pertussis	Cases	6	17	7	17	17	1	3	0	0	3	0	2	2	4	1	3	1	17	0	6
	Rate	83.1	37.2	40.4	52.8	57.9	29.1	49.8	81.4	34.3	26.4	35.3	36.5	61.2	57.3	51.6	303.6	162.3	90.3	61.4	64.2
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	3	1	1	5	2	1	0	3	0	1	0	0	0	1	0	0	0	2	0	1
	Rate	11.3	1.2	4.5	14.2	7.0	8.7	5.2	25.7	0.9	3.2	3.2	0.0	6.9	3.7	0.0	0.0	0.0	2.2	0.0	0.6
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	0.2	0.4	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	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	0.2	0.0	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
Salmonellosis	Cases	2	12	4	15	6	1	3	3	0	4	2	4	5	2	2	1	2	20	3	11
	Rate	32.1	21.0	25.6	16.3	23.3	14.6	23.0	45.0	14.5	18.0	9.6	19.4	17.4	18.0	27.1	29.0	24.5	28.8	33.3	52.3
Shigellosis	Cases	0	0	5	2	4	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0
	Rate	2.5	2.8	7.7	5.4	2.1	1.0	0.5	0.0	1.8	0.6	0.0	0.0	1.4	2.3	0.0	0.7	0.0	1.6	5.3	2.6
Tuberculosis disease	Cases	2	3	2	2	1	0	1	0	0	0	0	2	0	2	0	1	0	3	1	0
	Rate	1.9	3.9	11.3	12.2	6.2	4.9	4.7	4.3	4.5	2.6	3.2	6.5	4.9	11.7	4.9	3.5	3.1	4.9	1.8	1.9
Typhoid fever	Cases	0	0	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.7	2.8	1.9	0.3	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.8	0.0	0.0
VTEC/STEC infection	Cases	3	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	2
	Rate	5.7	4.8	3.4	4.3	11.3	1.9	5.6	2.1	6.3	0.6	1.6	1.8	0.7	0.7	2.5	2.8	6.1	5.7	7.0	2.9
Yersiniosis	Cases	1	7	3	6	5	1	3	2	0	2	0	1	2	2	0	0	1	4	0	1
	Rate	6.9	8.2	12.4	10.9	8.0	28.2	15.5	15.0	9.9	9.0	6.4	8.3	11.8	17.0	2.5	0.7	3.1	20.1	12.3	5.2

<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 2014 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 February 2014

		Cases <sup>1</sup> and current rate <sup>2</sup> for February 2014 by District Health Board <sup>3</sup>																			
Disease		Northland	Waitemata	Auckland	Counties Manukau	Waikato	Lakes	Bay of Plenty	Tairāhiti	Taranaki	Hawke's Bay	Whanganui	MidCentral	Hutt Valley	Capital and Coast	Wairarapa	Nelson Marlborough	West Coast	Canterbury	South Canterbury	Southern
Campylobacteriosis	Cases	12	58	56	43	54	9	30	4	11	21	4	25	13	28	6	18	5	66	9	63
	Rate	138.6	135.0	128.0	106.9	201.5	172.8	134.8	182.0	202.3	211.6	173.1	171.5	105.6	145.7	196.8	140.1	226.6	165.1	292.9	183.7
Cryptosporidiosis	Cases	0	5	3	2	2	3	1	0	1	3	0	0	0	0	0	0	0	3	0	2
	Rate	18.3	21.2	16.9	10.1	48.0	48.5	18.3	6.4	34.3	63.0	25.6	24.8	27.1	29.7	27.1	13.4	24.5	35.7	64.9	26.5
Dengue fever	Cases	1	3	5	5	1	0	0	0	0	0	0	0	2	0	0	0	0	0	0	1
	Rate	3.8	3.0	7.7	4.7	0.8	2.9	2.8	0.0	0.9	0.6	1.6	0.0	4.2	2.7	2.5	1.4	0.0	1.8	1.8	1.0
Gastroenteritis	Cases	0	9	12	5	1	0	0	0	0	0	0	0	4	6	0	0	0	4	0	1
	Rate	3.8	12.8	15.6	7.0	5.9	8.7	9.9	0.0	7.2	0.6	32.1	33.0	50.0	33.7	14.8	2.1	24.5	4.3	0.0	5.2
Giardiasis	Cases	6	33	15	10	8	5	4	0	2	6	2	2	4	9	1	7	0	17	5	9
	Rate	29.6	35.2	42.7	36.7	46.9	56.3	44.1	27.8	47.9	43.7	17.6	24.2	29.2	52.3	51.6	47.4	36.8	32.9	33.3	38.7
<i>Haemophilus influenzae</i> type b	Cases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0
	Rate	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.1	0.2	0.0	0.3
Hepatitis A	Cases	0	2	1	7	0	0	0	0	0	0	0	0	6	1	0	0	0	1	0	0
	Rate	2.5	2.3	1.7	2.1	0.3	0.0	0.5	0.0	0.0	3.9	1.6	0.6	4.2	0.7	0.0	0.7	0.0	9.1	1.8	1.0
Hepatitis B	Cases	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	Rate	1.3	0.4	0.9	0.8	1.3	0.0	0.9	0.0	0.0	0.0	3.2	0.0	0.7	0.3	0.0	0.0	3.1	0.8	0.0	1.3
Hepatitis C	Cases	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	4	0	0
	Rate	1.3	0.2	0.9	0.2	0.0	0.0	0.0	0.0	2.7	0.0	3.2	0.0	2.1	0.0	0.0	0.7	0.0	3.4	0.0	2.3
Invasive pneumococcal disease <sup>4</sup>	Cases	1	1	2	4	1	1	1	0	0	1	0	0	1	0	0	0	0	2	0	0
	Rate	12.6	8.5	8.5	12.4	11.0	24.3	17.4	10.7	7.2	14.2	17.6	10.0	7.6	8.3	12.3	9.2	18.4	8.1	8.8	8.7
Legionellosis	Cases	3	2	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	1	0
	Rate	4.4	5.0	2.1	3.3	0.5	1.0	2.3	0.0	1.8	1.3	0.0	1.8	1.4	0.3	0.0	0.7	12.3	10.4	3.5	2.6
Leptospirosis	Cases	0	0	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0
	Rate	1.3	0.2	0.2	0.4	1.3	1.0	3.3	0.0	4.5	7.7	0.0	3.5	0.0	0.0	4.9	1.4	3.1	0.8	7.0	1.0
Listeriosis	Cases	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0
	Rate	0.6	0.5	0.6	0.2	0.0	0.0	0.9	0.0	0.9	0.0	0.0	1.2	0.7	0.3	0.0	0.0	0.0	0.0	0.0	0.3
Malaria	Cases	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	1.1	2.1	1.0	0.5	0.0	0.9	0.0	0.0	0.0	1.6	1.2	0.7	0.3	0.0	0.7	0.0	0.8	0.0	0.0
Measles	Cases	0	27	5	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	5.3	1.9	1.9	0.0	13.6	0.5	0.0	0.0	0.0	0.0	0.0	0.0	1.3	0.0	0.0	0.0	0.2	0.0	0.0
Meningococcal disease	Cases	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	3.1	1.1	1.1	2.1	1.1	2.9	0.9	0.0	2.7	1.9	1.6	0.6	0.7	0.7	0.0	0.7	0.0	1.6	1.8	2.3
Mumps	Cases	0	2	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	2.5	0.7	0.4	0.2	0.0	1.9	0.9	0.0	0.0	0.6	0.0	0.0	0.7	0.3	2.5	0.0	0.0	0.2	1.8	0.0
Paratyphoid fever	Cases	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.0	1.1	1.5	0.0	0.0	0.0	0.0	0.0	0.6	0.0	0.0	0.0	0.7	0.3	0.0	0.7	0.0	0.6	1.8	0.6
Pertussis	Cases	6	17	7	17	17	1	3	0	0	3	0	2	2	4	1	3	1	17	0	6
	Rate	83.1	37.2	40.4	52.8	57.9	29.1	49.8	81.4	34.3	26.4	35.3	36.5	61.2	57.3	51.6	303.6	162.3	90.3	61.4	64.2
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	3	1	1	5	2	1	0	3	0	1	0	0	0	1	0	0	0	2	0	1
	Rate	11.3	1.2	4.5	14.2	7.0	8.7	5.2	25.7	0.9	3.2	3.2	0.0	6.9	3.7	0.0	0.0	0.0	2.2	0.0	0.6
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	0.2	0.4	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	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	0.2	0.0	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
Salmonellosis	Cases	2	12	4	15	6	1	3	3	0	4	2	4	5	2	2	1	2	20	3	11
	Rate	32.1	21.0	25.6	16.3	23.3	14.6	23.0	45.0	14.5	18.0	9.6	19.4	17.4	18.0	27.1	29.0	24.5	28.8	33.3	52.3
Shigellosis	Cases	0	0	5	2	4	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0
	Rate	2.5	2.8	7.7	5.4	2.1	1.0	0.5	0.0	1.8	0.6	0.0	0.0	1.4	2.3	0.0	0.7	0.0	1.6	5.3	2.6
Tuberculosis disease	Cases	2	3	2	2	1	0	1	0	0	0	0	2	0	2	0	1	0	3	1	0
	Rate	1.9	3.9	11.3	12.2	6.2	4.9	4.7	4.3	4.5	2.6	3.2	6.5	4.9	11.7	4.9	3.5	3.1	4.9	1.8	1.9
Typhoid fever	Cases	0	0	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Rate	0.6	0.7	2.8	1.9	0.3	0.0	1.4	0.0	0.0	0.0	0.0	0.0	0.0	0.3	0.0	0.0	0.0	0.8	0.0	0.0
VTEC/STEC infection	Cases	3	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	2	0	2
	Rate	5.7	4.8	3.4	4.3	11.3	1.9	5.6	2.1	6.3	0.6	1.6	1.8	0.7	0.7	2.5	2.8	6.1	5.7	7.0	2.9
Yersiniosis	Cases	1	7	3	6	5	1	3	2	0	2	0	1	2	2	0	0	1	4	0	1
	Rate	6.9	8.2	12.4	10.9	8.0	28.2	15.5	15.0	9.9	9.0	6.4	8.3	11.8	17.0	2.5	0.7	3.1	20.1	12.3	5.2

<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 2014 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 February 2014

Disease	Current Year - 2014 <sup>1</sup>			Previous Year - 2013		
	February 2014 Cases	Cumulative total since 1 January	Current 12 Month Rate <sup>2</sup>	February 2013 Cases	Cumulative total since 1 January	Current 12 Month Rate <sup>2</sup>
Campylobacteriosis	535	1309	154.3	514	1249	149.1
Cryptosporidiosis	25	61	27.1	119	199	22.9
Dengue fever	18	41	2.9	6	19	2.0
Gastroenteritis <sup>3</sup>	42	91	12.3	39	97	16.5
Giardiasis	145	319	39.2	148	296	37.7
Haemophilus influenzae type b	2	2	0.1	0	0	0.1
Hepatitis A	18	28	2.3	11	14	1.7
Hepatitis B <sup>4</sup>	3	7	0.7	0	3	0.8
Hepatitis C <sup>4</sup>	5	10	0.9	3	6	0.7
Invasive pneumococcal disease <sup>5</sup>	15	40	10.5	22	49	11.2
Legionellosis	11	24	3.3	13	30	3.3
Leptospirosis	4	7	1.3	2	8	2.3
Listeriosis	2	5	0.4	4	8	0.6
Malaria	1	3	0.8	7	14	1.1
Measles	39	61	1.5	0	0	0.4
Meningococcal disease <sup>6</sup>	1	3	1.4	2	7	1.8
Mumps	3	4	0.5	3	6	0.6
Paratyphoid fever	1	4	0.5	4	6	0.5
Pertussis	107	277	62.8	451	1006	136.3
Rheumatic fever	21	34	4.9	15	20	3.9
Rickettsial disease	1	1	0.2	1	1	0.1
Rubella	0	1	0.0	0	0	0.1
Salmonellosis	102	206	24.5	103	255	24.6
Shigellosis	14	21	2.8	14	32	3.1
Tuberculosis disease	20	54	6.4	17	47	6.5
Typhoid fever	5	12	0.8	12	25	1.4
VTEC/STEC infection	11	23	4.4	13	33	3.5
Yersiniosis	41	95	11.4	28	70	11.5

<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 2014) or the previous year (12 months up to and including February 2013), 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 February: Diphtheria (1) , Hepatitis NOS (1) , Hydatid disease (1) , Lead absorption (11) , Leprosy (1)

**National Notifiable Disease Surveillance Data – Monthly totals for February 2014 and preceding 12 Months<sup>1</sup>**

Disease	Feb 2014	Jan 2014	Dec 2013	Nov 2013	Oct 2013	Sep 2013	Aug 2013	Jul 2013	Jun 2013	May 2013	Apr 2013	Mar 2013
Campylobacteriosis	535	774	899	731	656	663	637	524	373	396	324	385
Cryptosporidiosis	25	36	32	85	167	184	87	78	67	133	129	187
Dengue fever	18	23	9	10	13	7	9	11	3	14	6	5
Gastroenteritis <sup>2</sup>	42	49	44	50	44	47	79	55	27	37	36	42
Giardiasis	145	174	145	106	154	145	150	136	139	161	163	134
Haemophilus influenzae type b	2	0	0	1	0	0	0	0	0	1	0	0
Hepatitis A	18	10	2	1	15	5	11	12	8	3	18	2
Hepatitis B <sup>3</sup>	3	4	4	0	4	3	3	3	3	2	1	2
Hepatitis C <sup>3</sup>	5	5	4	2	3	1	4	7	1	2	2	5
Invasive pneumococcal disease	15	25	37	34	48	64	46	69	41	34	30	28
Legionellosis	11	13	22	20	15	15	5	13	6	8	9	11
Leptospirosis	4	3	2	11	3	6	5	6	3	6	6	3
Listeriosis	2	3	1	0	1	2	3	1	0	1	0	2
Malaria	1	2	2	4	2	4	6	3	5	2	4	1
Measles	39	22	6	0	1	0	0	0	0	0	0	1
Meningococcal disease	1	2	3	2	5	11	6	14	4	3	7	6
Mumps	3	1	1	2	0	3	1	0	2	2	4	2
Paratyphoid fever	1	3	0	2	1	3	2	2	0	5	2	2
Pertussis	107	170	158	208	243	262	265	294	194	292	269	348
Rheumatic fever	21	13	28	14	17	22	27	12	9	20	19	17
Rickettsial disease	1	0	1	1	0	2	0	1	1	1	0	1
Rubella	0	1	0	0	0	0	1	0	0	0	0	0
Salmonellosis	102	104	96	94	102	87	90	71	53	90	108	97
Shigellosis	14	7	9	4	10	9	6	13	15	9	15	15
Tuberculosis disease	20	34	26	22	30	33	14	19	21	28	17	21
Typhoid fever	5	7	5	3	3	0	1	2	5	0	3	3
VTEC/STEC infection	11	12	4	6	7	18	18	4	13	32	44	26
Yersiniosis	41	54	37	61	45	55	40	48	26	28	32	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