



## Department of Health

### STATEWIDE NOTIFIABLE DISEASES WEEKLY REPORT

#### Epidemiology & Surveillance Program Communicable Disease Control Directorate

Report for eight week period 16-SEP-16 to 10-NOV-16

#### **GENERAL NOTES**

1. Data are extracted on a weekly basis from the Western Australian Notifiable Infectious Diseases Database (WANIDD).
2. Data are provisional only and are subject to change.
3. For enquiries please contact the Communicable Disease Control Directorate (9388 4852) or a regional Public Health Unit.
4. Varicella-zoster virus (chickenpox, shingles, unspecified) and rotavirus infections became notifiable in July 2006. Notification of amoebiasis, amoebic meningitis, giardiasis, hydatid disease, scarlet fever and trachoma has not been required since August 2007.

#### **SPECIFIC NOTES (numbers below refer to numbers in square brackets in tables)**

1. If a disease is not listed it indicates that no notifications have been received in the preceding 12 months.
2. "Date of Onset" is a composite of the "true" date of onset provided by the notifying doctor, the date of specimen collection for laboratory notified cases, and when neither of these dates are available, the date of notification by the doctor or laboratory, or the date of receipt of the notification, whichever is earliest.  
  
For blood-borne viruses (whether newly acquired or unspecified), leprosy, syphilis (non-infectious) and tuberculosis, data are provided by date of receipt at the PHU/CDCD.
3. Defined as mean of previous, comparable and subsequent 4-week periods for the past five years. For example, if the current 4-week period is April 1st - 28th 2001, then this period is compared to the mean number of cases for fifteen 4-week intervals made up of March 4th - 31st 2000, April 1st - 28th 2000, and April 29th - May 26th 2000, and the corresponding periods for 1999, 1998, 1997 and 1996. That is, the comparison figure should represent an average expectation of the number of cases for a similar 4-week period of the year. For diseases that have been notifiable for less than 5 years, the mean figure for periods prior to the disease becoming notifiable will be 0.
4. Ratio = ratio of last 4 weeks total to mean of 15 four-week periods, as described in specific note 3.
5. Figures in parentheses are numbers of cases in corresponding period last year. If no figure appears, this indicates there were no cases.
6. Cumulative year-to-date rate. That is, total cases in the current year, divided by relevant population, expressed as cases per 100,000 population (crude notification rate). Population data are estimates based on Australian Bureau of Statistics population projection series 'B' for Western Australia using the Department of Health's Rates Calculator to derive regional populations.

Weekly surveillance reports can be accessed at: [http://www.public.health.wa.gov.au/3/573/3/statewide\\_notif.pm](http://www.public.health.wa.gov.au/3/573/3/statewide_notif.pm)

## STATEWIDE notifications for past 8 weeks[1] (by date of onset[2])

Disease Category/Disease	Week Ending								Cumulative Total to end of week 45			Total Last 4 Weeks	Mean of 15 x 4 week periods[3]	Ratio [4]
	22/09	29/09	06/10	13/10	20/10	27/10	03/11	10/11	2016	2015	2014			
	<b>Blood-borne diseases[2]</b>													
Hepatitis B (newly acquired)					1		1		21	26	21	2	2.6	0.8
Hepatitis B (unspecified)	7	7	16	9	10	18	11	10	592	503	559	49	54.3	0.9
Hepatitis C (newly acquired)	2	4	2	2	4	4	1	1	110	157	145	10	11.9	0.8
Hepatitis C (unspecified)	19	17	10	27	20	28	21	18	978	864	839	87	82.3	1.1
<b>Enteric diseases</b>														
Botulism									0	0	0	0	0.0	0.0
Campylobacteriosis	71	82	81	57	52	49	80	24	2813	2489	2517	205	214.7	1.0
Cryptosporidiosis	4	8	3		1	4	1	1	223	201	270	7	16.0	0.4
Hepatitis A				1			1		15	19	16	1	1.0	1.0
Hepatitis E									2	2	0	0	0.2	0.0
Listeriosis	1	2							6	6	4	0	0.5	0.0
Paratyphoid fever			1						13	10	8	0	0.6	0.0
Rotavirus	3	5	1	6	5	5	2	1	138	559	331	13	25.9	0.5
STEC/VTEC infection		1		2					23	0	2	0	0.1	0.0
Salmonellosis	19	24	25	20	24	38	24	9	1601	1447	1107	95	98.5	1.0
Shigellosis	1			1	2	1			78	87	49	3	4.7	0.6
Typhoid									9	8	12	0	1.0	0.0
Vibrio parahaemolyticus						1		1	21	6	11	2	0.9	2.1
Yersiniosis	1	1			1				16	29	3	1	0.7	1.5
<b>Sexually transmissible infections</b>														
Chlamydia (genital)	226	176	207	219	235	203	196	53	10197	9823	10104	687	875.7	0.8
Gonorrhoea	60	63	67	64	74	68	65	15	2819	1920	1962	222	167.1	1.3
Syphilis - Infectious	9	1	6	9	7	5	7		296	141	85	19	9.1	2.1
Syphilis - Non-Infectious			1	1		2	1		43	65	59	3	8.1	0.4
<b>Vaccine preventable diseases</b>														
H. influenzae type b									1	1	1	0	0.1	0.0
Influenza	456	354	305	177	119	85	70	12	7626	5872	5091	286	250.0	1.1
Measles					1	1		1	7	6	39	3	1.5	2.0
Mumps	2	1	4			2	1		473	337	20	3	15.2	0.2
Pertussis	45	15	29	27	26	15	12	6	1242	1518	1530	59	253.3	0.2
Pneumococcal infection	7	3	3	5	4	3	4	1	171	155	184	12	14.6	0.8
Rubella (non-congenital)					1		1		2	2	1	2	0.1	30.0
Tetanus									1	0	1	0	0.1	0.0
Varicella (chicken pox)	9	6	11	7	22	9	13	3	482	415	385	47	38.3	1.2
Varicella (shingles)	29	24	43	36	21	28	9	4	1356	1240	1188	62	99.8	0.6
Varicella (unspecified)	30	20	30	46	23	39	50	20	1402	1245	1087	132	99.0	1.3
<b>Vector-borne diseases</b>														
Arboviral encephalitis				1					15	2	0	0	0.0	0.0
Barmah Forest virus		1	1						10	42	51	0	14.3	0.0
Chikungunya				1			1		7	11	21	1	0.7	1.4
Dengue fever	6	4	17	2	7	2	4		522	530	409	13	17.0	0.8
Malaria			1						47	41	42	0	4.6	0.0
Ross River virus	1	1	6		6	3	3	4	297	897	1394	16	60.9	0.3
Schistosomiasis	4	9	4	5	5	5	3		199	175	152	13	9.1	1.4
Typhus	1					1			26	24	13	1	2.1	0.5
<b>Zoonotic diseases</b>														
Leptospirosis						1			5	1	3	1	0.3	3.8
Q Fever									7	12	4	0	0.7	0.0
<b>Other diseases</b>														
Creutzfeldt-Jakob disease									4	4	4	0	0.4	0.0
Haemolytic Uraemic Syndrome									1	1	1	0	0.0	0.0
Legionellosis	1	3	4	4	1	3	2		65	69	101	6	8.7	0.7
Leprosy			1					2	7	2	5	2	0.1	30.0
Melioidosis									2	6	6	0	0.6	0.0
Meningococcal infection			2	2			3		20	17	15	3	1.5	2.0
Tuberculosis	4	5	1	4	2	3	2	3	118	110	121	10	10.3	1.0
<b>Grand Total</b>	<b>1018</b>	<b>837</b>	<b>882</b>	<b>735</b>	<b>674</b>	<b>626</b>	<b>589</b>	<b>189</b>						

**METROPOLITAN notifications for past 8 weeks[1] (by date of onset[2])**

Disease Category/Disease	Week Ending								Cumulative Total to end of week 45			Total Last 4 Weeks	Mean of 15 x 4 week periods[3]	Ratio [4]
	22/09	29/09	06/10	13/10	20/10	27/10	03/11	10/11	2016	2015	2014			
	<b>Blood-borne diseases[2]</b>													
Hepatitis B (newly acquired)					1		1		20	21	19	2	2.1	0.9
Hepatitis B (unspecified)	7	5	16	7	10	15	10	8	505	411	452	43	37.9	1.1
Hepatitis C (newly acquired)	1	4	1	2	4	3	1	1	86	119	110	9	9.5	1.0
Hepatitis C (unspecified)	12	14	9	20	15	23	17	16	695	606	615	71	57.3	1.2
<b>Enteric diseases</b>														
Botulism									0	0	0	0	0.0	0.0
Campylobacteriosis	53	65	59	36	44	42	62	19	2233	1935	1978	167	161.9	1.0
Cryptosporidiosis	2	6	1			3	1	1	153	84	186	5	9.3	0.5
Hepatitis A				1			1		14	18	11	1	0.9	1.1
Hepatitis E									2	1	0	0	0.2	0.0
Listeriosis	1	2							5	6	4	0	0.4	0.0
Paratyphoid fever			1						12	9	7	0	0.5	0.0
Rotavirus	3	4		6	3	5	2	1	115	403	238	11	17.9	0.6
STEC/VTEC infection		1		2					12	0	1	0	0.0	0.0
Salmonellosis	16	15	19	13	17	32	22	5	1200	1043	764	76	69.8	1.1
Shigellosis				1	2	1			52	34	30	3	2.5	1.2
Typhoid									6	7	10	0	0.5	0.0
Vibrio parahaemolyticus						1		1	19	4	9	2	0.8	2.5
Yersiniosis	1	1			1				12	22	1	1	0.4	2.5
<b>Sexually transmissible infections</b>														
Chlamydia (genital)	176	150	165	172	186	154	146	45	7827	7513	7622	531	653.7	0.8
Gonorrhoea	38	40	48	46	49	49	46	14	1870	1206	1113	158	84.7	1.9
Syphilis - Infectious	6		4	5	5		5		226	93	69	10	6.9	1.4
Syphilis - Non-Infectious			1	1		1			32	54	46	1	4.9	0.2
<b>Vaccine preventable diseases</b>														
Influenza	315	260	222	125	85	64	51	10	5879	4546	3596	210	186.1	1.1
Measles					1	1		1	6	5	30	3	1.3	2.4
Mumps	2					1	1		24	33	18	2	2.1	0.9
Pertussis	36	12	25	20	19	13	9	4	970	1134	1168	45	191.5	0.2
Pneumococcal infection	4	2	2	2	3	1			95	93	103	4	8.4	0.5
Rubella (non-congenital)					1		1		2	2	1	2	0.0	0.0
Varicella (chicken pox)	6	4	10	7	19	6	12	2	395	323	254	39	26.3	1.5
Varicella (shingles)	22	21	35	28	16	23	8	4	1041	974	905	51	75.7	0.7
Varicella (unspecified)	21	15	28	36	20	33	45	17	1187	1066	926	115	85.8	1.3
<b>Vector-borne diseases</b>														
Arboviral encephalitis									13	2	0	0	0.0	0.0
Barmah Forest virus									3	13	20	0	9.5	0.0
Chikungunya				1			1		6	8	18	1	0.7	1.5
Dengue fever	6	3	13	1	4	2	4		421	428	322	10	12.8	0.8
Malaria									34	36	35	0	3.8	0.0
Ross River virus	1		4		1	3	1	2	159	527	852	7	37.5	0.2
Schistosomiasis	4	8	4	5	4	5	3		191	168	128	12	8.7	1.4
Typhus	1								18	14	9	0	1.5	0.0
<b>Zoonotic diseases</b>														
Leptospirosis									3	1	2	0	0.2	0.0
Q Fever									2	2	2	0	0.1	0.0
<b>Other diseases</b>														
Creutzfeldt-Jakob disease									1	4	3	0	0.3	0.0
Legionellosis	1	2	3	4	1	2	2		48	45	81	5	5.9	0.8
Leprosy								2	4	2	2	2	0.0	0.0
Meningococcal infection			1	2			1		11	12	8	1	0.9	1.1
Tuberculosis	4	3	1	4	2	3	1	2	98	86	108	8	8.4	1.0
<b>Grand Total</b>	<b>739</b>	<b>637</b>	<b>672</b>	<b>547</b>	<b>513</b>	<b>486</b>	<b>454</b>	<b>155</b>						

## Notifications in last week and for last 4 weeks by REGION[1] (by date of onset[2])

Disease Category/Disease	Metropolitan area (North)			Metropolitan area (South)			Southwest		
	Last Week	Last 4 Weeks[5]	Cum. YTD Rate[6]	Last Week	Last 4 Weeks[5]	Cum. YTD Rate[6]	Last Week	Last 4 Weeks[5]	Cum. YTD Rate[6]
<b>Blood-borne diseases[2]</b>									
Hepatitis B (newly acquired)		1 (2)	0.8		1 (1)	1.1			
Hepatitis B (unspecified)	5	26 (19)	22.0	3	17 (20)	26.6		(1)	9.1
Hepatitis C (newly acquired)		5 (11)	3.7	1	4 (9)	4.6		(2)	1.1
Hepatitis C (unspecified)	9	35 (47)	30.8	7	36 (28)	36.0		4 (6)	37.6
<b>Enteric diseases</b>									
Campylobacteriosis	10	92 (127)	109.4	9	75 (107)	104.3	3	16 (26)	125.5
Cryptosporidiosis	1	5 (7)	9.4			5.1	1		7.4
Hepatitis A		1 (1)	0.6			0.7			
Hepatitis E			0.1			0.1			
Listeriosis		(1)	0.4			0.1			
Paratyphoid fever			0.6			0.6			
Rotavirus	1	3 (11)	6.1		8 (6)	4.8		(4)	2.3
STEC/VTEC infection			0.8			0.3			1.1
Salmonellosis	2	40 (60)	59.7	3	36 (45)	55.1		5 (5)	66.7
Shigellosis			2.8		3 (1)	2.1			2.3
Typhoid			0.1			0.5			
Vibrio parahaemolyticus	1	2	1.0			0.8			
Yersiniosis		1	0.6		(1)	0.6			0.6
<b>Sexually transmissible infections</b>									
Chlamydia (genital)	27	273 (334)	364.3	18	258 (308)	386.5	4	42 (40)	277.8
Gonorrhoea	8	73 (52)	83.9	6	85 (49)	95.8		5 (2)	49.6
Syphilis - Infectious		6 (4)	13.1		4 (5)	8.3		2 (1)	4.6
Syphilis - Non-Infectious		(4)	1.6		1 (3)	1.5		1 (1)	1.1
<b>Vaccine preventable diseases</b>									
H. influenzae type b									0.6
Influenza	8	110 (70)	292.5	2	100 (75)	269.7		21 (8)	176.8
Measles	1	2	0.5		1	0.1			
Mumps		(3)	1.2		2 (6)	1.1			1.1
Pertussis	3	29 (51)	45.9	1	16 (56)	47.1		4 (63)	68.5
Pneumococcal infection		(3)	3.5		4 (3)	5.7		1 (1)	9.1
Rubella (non-congenital)		2	0.2						
Tetanus									0.6
Varicella (chicken pox)	1	17 (10)	19.5	1	22 (20)	18.3	1	3 (4)	10.8
Varicella (shingles)	1	21 (60)	50.9	3	30 (34)	48.7		3 (12)	50.8
Varicella (unspecified)	8	62 (49)	59.8	9	53 (38)	53.5	3	8 (8)	54.2
<b>Vector-borne diseases</b>									
Arboviral encephalitis			0.6			0.6			
Barmah Forest virus			0.3						0.6
Chikungunya		1	0.5		(1)	0.1			
Dengue fever		6 (7)	21.3		4 (3)	18.9		2 (1)	25.7
Malaria		(2)	1.6		(2)	1.7			2.9
Ross River virus	1	4 (11)	6.9	1	3 (15)	8.4	2	4 (3)	29.7
Schistosomiasis		7 (4)	10.9		5	7.2		(1)	2.3
Typhus		(1)	0.8		(3)	0.9			1.1
<b>Zoonotic diseases</b>									
Leptospirosis			0.1			0.2		1	1.1
Q Fever			0.1			0.1			
<b>Other diseases</b>									
Creutzfeldt-Jakob disease						0.1			1.1
Haemolytic Uraemic Syndrome									
Legionellosis		3	2.6		2 (4)	2.0			2.9
Leprosy	1	1	0.2	1	1	0.2			
Melioidosis									
Meningococcal infection		1	0.6		(1)	0.4			0.6
Tuberculosis	2	4 (6)	4.1		4 (6)	5.3	1	1	2.9
<b>Grand Total</b>	<b>90</b>	<b>833 (957)</b>		<b>65</b>	<b>775 (850)</b>		<b>14</b>	<b>124 (189)</b>	

## Notifications in last week and for last 4 weeks by REGION[1] (by date of onset[2])

Disease Category/Disease	Great Southern			Coastal and Wheatbelt			Midwest		
	Last Week	Last 4 Weeks[5]	Cum. YTD Rate[6]	Last Week	Last 4 Weeks[5]	Cum. YTD Rate[6]	Last Week	Last 4 Weeks[5]	Cum. YTD Rate[6]
<b>Blood-borne diseases[2]</b>									
Hepatitis B (newly acquired)						1.3			
Hepatitis B (unspecified)			5.0	1	2	23.3		1	5.8
Hepatitis C (newly acquired)		1	10.0		(1)	2.6			8.7
Hepatitis C (unspecified)		2 (2)	63.1		2 (1)	57.0	1	2 (5)	60.6
<b>Enteric diseases</b>									
Campylobacteriosis	1	6 (15)	122.8		3 (10)	81.6		3 (5)	98.1
Cryptosporidiosis			5.0			7.8			5.8
Hepatitis A									
Hepatitis E									
Listeriosis						1.3			
Paratyphoid fever									
Rotavirus		(1)	1.7		(3)	5.2			5.8
STEC/VTEC infection			3.3						1.4
Salmonellosis	1	2 (4)	56.4		2 (5)	42.7	1	3 (3)	60.6
Shigellosis			3.3			1.3			7.2
Typhoid									
Vibrio parahaemolyticus									
Yersiniosis						1.3			1.4
<b>Sexually transmissible infections</b>									
Chlamydia (genital)		6 (10)	263.8		9 (14)	194.2		17 (31)	460.3
Gonorrhoea		2 (2)	19.9		2 (4)	29.8		5 (7)	164.5
Syphilis - Infectious						6.5		1	8.7
Syphilis - Non-Infectious									
<b>Vaccine preventable diseases</b>									
H. influenzae type b									
Influenza		15 (2)	346.8		9 (4)	195.5	1	11 (11)	352.1
Measles								(2)	56.3
Mumps			3.3			10.4			
Pertussis	1	9 (2)	127.8	1	1 (4)	15.5		(1)	27.4
Pneumococcal infection			6.6			5.2			11.5
Rubella (non-congenital)									
Tetanus									
Varicella (chicken pox)		2 (2)	29.9		1	6.5		(1)	13.0
Varicella (shingles)		1 (5)	111.2		2 (4)	46.6		1 (3)	27.4
Varicella (unspecified)		1	24.9		1 (2)	15.5		3 (5)	73.6
<b>Vector-borne diseases</b>									
Arboviral encephalitis									1.4
Barmah Forest virus			1.7			1.3			
Chikungunya									
Dengue fever			16.6			14.2		1	11.5
Malaria									1.4
Ross River virus		(4)	21.6		2 (4)	31.1		1 (1)	7.2
Schistosomiasis			5.0						
Typhus			1.7					1	4.3
<b>Zoonotic diseases</b>									
Leptospirosis									
Q Fever		(2)	1.7		(1)	5.2			
<b>Other diseases</b>									
Creutzfeldt-Jakob disease			1.7						
Haemolytic Uraemic Syndrome									1.4
Legionellosis			3.3		(1)	3.9			4.3
Leprosy									
Melioidosis									
Meningococcal infection									
Tuberculosis			3.3			2.6			2.9
<b>Grand Total</b>	<b>3</b>	<b>47 (51)</b>		<b>2</b>	<b>36 (58)</b>		<b>3</b>	<b>50 (75)</b>	

## Notifications in last week and for last 4 weeks by REGION[1] (by date of onset[2])

Disease Category/Disease	Goldfields			Pilbara			Kimberley		
	Last Week	Last 4 Weeks[5]	Cum. YTD Rate[6]	Last Week	Last 4 Weeks[5]	Cum. YTD Rate[6]	Last Week	Last 4 Weeks[5]	Cum. YTD Rate[6]
<b>Blood-borne diseases[2]</b>									
Hepatitis B (newly acquired)									
Hepatitis B (unspecified)		1 (2)	23.1		1 (2)	14.7		(3)	28.1
Hepatitis C (newly acquired)			8.3			3.7			
Hepatitis C (unspecified)		4 (1)	39.7		(4)	24.6		1 (6)	86.6
<b>Enteric diseases</b>									
Campylobacteriosis	1	5 (5)	76.0		1 (14)	54.1		1 (3)	70.2
Cryptosporidiosis			13.2			24.6		1	30.4
Hepatitis A									
Hepatitis E									
Listeriosis									2.3
Paratyphoid fever									4.7
Rotavirus		2 (1)	8.3			2.5			4.7
STEC/VTEC infection			3.3			1.2			4.7
Salmonellosis		3 (6)	61.1	2	3 (1)	52.8		1 (6)	168.5
Shigellosis			6.6			3.7		(1)	11.7
Typhoid									
Vibrio parahaemolyticus			1.7			1.2			
Yersiniosis						1.2			
<b>Sexually transmissible infections</b>									
Chlamydia (genital)	3	17 (28)	532.0	1	29 (35)	399.4		32 (45)	1212.5
Gonorrhoea		5 (5)	160.3		11 (19)	228.6	1	30 (23)	936.3
Syphilis - Infectious		2	8.3			2.5		4 (2)	86.6
Syphilis - Non-Infectious		1 (1)	5.0			2.5			2.3
<b>Vaccine preventable diseases</b>									
H. influenzae type b									
Influenza		4 (3)	153.7		3 (7)	510.0	1	7 (5)	498.6
Measles									
Mumps		(15)	74.4		(31)	68.8		1 (9)	692.9
Pertussis		(8)	28.1		(2)	4.9		(2)	39.8
Pneumococcal infection		3	14.9		2	25.8	1	2 (1)	32.8
Rubella (non-congenital)									
Tetanus									
Varicella (chicken pox)		(5)	14.9			4.9		2	42.1
Varicella (shingles)		(2)	39.7		1	32.0		2 (3)	70.2
Varicella (unspecified)			13.2		3	6.1			35.1
<b>Vector-borne diseases</b>									
Arboviral encephalitis									2.3
Barmah Forest virus		(2)	1.7		(1)	1.2		(1)	4.7
Chikungunya			1.7						
Dengue fever		(1)	11.6			11.1			4.7
Malaria			5.0			1.2			2.3
Ross River virus		2 (1)	21.5		(3)	8.6		(1)	49.2
Schistosomiasis					1	1.2			
Typhus						1.2			2.3
<b>Zoonotic diseases</b>									
Leptospirosis									
Q Fever									
<b>Other diseases</b>									
Creutzfeldt-Jakob disease									
Haemolytic Uraemic Syndrome									
Legionellosis		1	5.0						7.0
Leprosy									2.3
Melioidosis						1.2			4.7
Meningococcal infection		2	6.6						
Tuberculosis			1.7			1.2			
<b>Grand Total</b>	<b>4</b>	<b>52 (86)</b>		<b>3</b>	<b>55 (119)</b>		<b>3</b>	<b>84 (111)</b>	

## Notifications in last week and for last 4 weeks by REGION[1] (by date of onset[2])

Disease Category/Disease	STATE TOTAL		
	Last Week	Last 4 Weeks[5]	Cum. YTD Rate[6]
<b>Blood-borne diseases[2]</b>			
Hepatitis B (newly acquired)	0	2 (3)	0.8
Hepatitis B (unspecified)	10	49 (47)	22.1
Hepatitis C (newly acquired)	1	10 (23)	4.0
Hepatitis C (unspecified)	18	87 (101)	36.7
<b>Enteric diseases</b>			
Campylobacteriosis	24	205 (313)	106.0
Cryptosporidiosis	1	7 (7)	8.4
Hepatitis A	0	1 (1)	0.6
Hepatitis E	0	0 (0)	0.1
Listeriosis	0	0 (1)	0.2
Paratyphoid fever	0	0 (0)	0.5
Rotavirus	1	13 (26)	5.2
STEC/VTEC infection	0	0 (0)	0.9
Salmonellosis	9	95 (138)	60.3
Shigellosis	0	3 (2)	2.9
Typhoid	0	0 (0)	0.3
Vibrio parahaemolyticus	1	2 (0)	0.8
Yersiniosis	0	1 (1)	0.6
<b>Sexually transmissible infections</b>			
Chlamydia (genital)	53	687 (852)	384.1
Gonorrhoea	15	222 (164)	106.2
Syphilis - Infectious	0	19 (13)	11.2
Syphilis - Non-Infectious	0	3 (9)	1.4
<b>Vaccine preventable diseases</b>			
H. influenzae type b	0	0 (0)	0.0
Influenza	12	286 (186)	287.3
Measles	1	3 (0)	0.3
Mumps	0	3 (66)	17.8
Pertussis	6	59 (189)	46.8
Pneumococcal infection	1	12 (8)	6.4
Rubella (non-congenital)	0	2 (0)	0.1
Tetanus	0	0 (0)	0.0
Varicella (chicken pox)	3	47 (42)	18.2
Varicella (shingles)	4	62 (124)	51.1
Varicella (unspecified)	20	132 (103)	52.8
<b>Vector-borne diseases</b>			
Arboviral encephalitis	0	0 (0)	0.6
Barmah Forest virus	0	0 (6)	0.4
Chikungunya	0	1 (1)	0.3
Dengue fever	0	13 (12)	19.7
Malaria	0	0 (4)	1.8
Ross River virus	4	16 (44)	11.2
Schistosomiasis	0	13 (5)	7.5
Typhus	0	1 (4)	1.0
<b>Zoonotic diseases</b>			
Leptospirosis	0	1 (0)	0.2
Q Fever	0	0 (4)	0.3
<b>Other diseases</b>			
Creutzfeldt-Jakob disease	0	0 (1)	0.2
Haemolytic Uraemic Syndrome	0	0 (0)	0.0
Legionellosis	0	6 (6)	2.4
Leprosy	2	2 (0)	0.2
Melioidosis	0	0 (1)	0.1
Meningococcal infection	0	3 (1)	0.8
Tuberculosis	3	10 (14)	4.0
<b>Grand Total</b>	<b>189</b>	<b>2078 (2523)</b>	

## Statewide Salmonella notifications for past 8 weeks (by date of onset[2])

	Week Ending								Cumulative Total to end of Week 45	
	22/09	29/09	06/10	13/10	20/10	27/10	03/11	10/11	2016	2015
	<b>Salmonella Total</b>	<b>19</b>	<b>24</b>	<b>25</b>	<b>20</b>	<b>24</b>	<b>38</b>	<b>24</b>	<b>9</b>	<b>1601</b>
<b>Serotype/Phage</b>										
Salmonella Aberdeen									8	3
Salmonella Adelaide									3	6
Salmonella Agbeni									1	0
Salmonella Agona			1						11	7
Salmonella Albany									1	3
Salmonella Anatum									9	7
Salmonella Anatum var 15+									1	1
Salmonella Arizonae									1	0
Salmonella Bahrenfeld									2	1
Salmonella Bareilly									5	4
Salmonella Birkenhead									4	6
Salmonella Blukwa									1	0
Salmonella Bonn									1	0
Salmonella Bovismorbificans		2			1				19	5
Salmonella Braenderup			1						12	8
Salmonella Bredeney									3	4
Salmonella Cerro									3	0
Salmonella Charity									1	0
Salmonella Chester	1	1			1				25	26
Salmonella Choleraesuis bv Decatur									3	8
Salmonella Choleraesuis bv Kunzendorf Australia									6	9
Salmonella Corvallis									12	8
Salmonella Derby							1		3	1
Salmonella Eastbourne									11	5
Salmonella Emek									1	0
Salmonella Enteritidis	6	4	8	3	2	6	3		207	211
Salmonella Fremantle subsp II									1	2
Salmonella Give		1							4	11
Salmonella Give var 15+									1	0
Salmonella Glostrup									1	0
Salmonella Hadar									10	6
Salmonella Haifa									1	0
Salmonella Havana									5	8
Salmonella Heidelberg		1							3	8
Salmonella Hessarek						1			1	1
Salmonella Houten subsp IV									1	1
Salmonella Hvittingfoss						3			19	6
Salmonella Infantis					2				40	33
Salmonella Javiana									5	3
Salmonella Johannesburg									1	3
Salmonella Kedougou									1	0
Salmonella Kentucky		2		2	1				27	2
Salmonella Kiambu			1						25	36
Salmonella Kirkee									0	0
Salmonella Kisarawe									2	0
Salmonella Kottbus									5	5
Salmonella Lansing									3	2
Salmonella Lexington									1	0
Salmonella Litchfield									3	1



# Weekly Report for period 16-SEP-16 to 10-NOV-16

	22/09	29/09	06/10	13/10	20/10	27/10	03/11	10/11	Cumulative Total to end of Week 45		
										2016	2015
<b>Salmonella Total</b>	<b>19</b>	<b>24</b>	<b>25</b>	<b>20</b>	<b>24</b>	<b>38</b>	<b>24</b>	<b>9</b>	<b>1601</b>	<b>1414</b>	
<b>Serotype/Phage</b>											
Salmonella Liverpool									5	1	
Salmonella Livingstone									3	1	
Salmonella London									1	1	
Salmonella Matopeni									1	0	
Salmonella Mbandaka	1								21	22	
Salmonella Mgulani									1	0	
Salmonella Mississippi									1	0	
Salmonella Montevideo					1				5	2	
Salmonella Muenchen	1		1				1		17	20	
Salmonella Muenster									1	0	
Salmonella Newport	1	1		2		4			27	25	
Salmonella Ohio		1							1	6	
Salmonella Ohlstedt									6	1	
Salmonella Oranienburg									5	12	
Salmonella Orientalis									3	4	
Salmonella Orion		1							7	7	
Salmonella Orion var 15+				1					1	0	
Salmonella Oslo									1	2	
Salmonella Panama									1	1	
Salmonella Papuana									1	2	
Salmonella Paratyphi B bv Java	2	1	2	2	2	4	1		75	57	
Salmonella Poona	1								5	4	
Salmonella Potsdam									5	7	
Salmonella Reading									2	5	
Salmonella Richmond									1	1	
Salmonella Rissen	1								3	6	
Salmonella Rubislaw									2	3	
Salmonella Saintpaul				2	1				35	56	
Salmonella Schwarzengrund			1						8	3	
Salmonella Senftenberg									14	10	
Salmonella Singapore		1	2	2		1			18	9	
Salmonella Sofia subsp II									1	0	
Salmonella Stanley		1	2			1			27	41	
Salmonella Tennessee									1	1	
Salmonella Thompson									3	5	
Salmonella Treforest									3	1	
Salmonella Typhimurium	4	4	5	4	9	12	7	2	597	493	
Salmonella Urbana				1					4	7	
Salmonella Virchow					2	2			36	51	
Salmonella Wandsbek subsp II									2	6	
Salmonella Wangata									1	1	
Salmonella Welikade									7	10	
Salmonella Weltevreden						1	1		21	21	
Salmonella Weltevreden var 15+	1								4	1	
Salmonella species		2	1	1	2	2	10	7	89	55	
Salmonella subsp 1 ser 4,5,12:-:-									3	0	
Salmonella subsp 1 ser 4,5,12:i:-									4	2	
Salmonella subsp 1 ser rough:-:-									1	0	
Salmonella subsp I ser 16:i,v:-		1				1			5	0	

# Weekly Report for period 16-SEP-16 to 10-NOV-16

	22/09	29/09	06/10	13/10	20/10	27/10	03/11	10/11	Cumulative Total to end of Week 45		
									2016	2015	
<b>Salmonella Total</b>	19	24	25	20	24	38	24	9	1601	1414	
<b>Serotype/Phage</b>											
Salmonella subsp IIIb 61:z52:z35										1	0