



## Department of Health

### STATEWIDE NOTIFIABLE DISEASES WEEKLY REPORT

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

Report for eight week period 28-OCT-16 to 22-DEC-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 51			Total Last 4 Weeks	Mean of 15 x 4 week periods[3]	Ratio [4]
	03/11	10/11	17/11	24/11	01/12	08/12	15/12	22/12	2016	2015	2014			
	<b>Blood-borne diseases[2]</b>													
Hepatitis B (newly acquired)	1	1				2	1		25	29	23	3	1.7	1.8
Hepatitis B (unspecified)	10	10	12	12	15	17	7	8	662	572	622	47	48.7	1.0
Hepatitis C (newly acquired)	3	2	3	6	2	3	3	1	126	181	160	9	12.1	0.7
Hepatitis C (unspecified)	19	18	28	13	21	18	29	16	1106	966	992	84	73.7	1.1
<b>Enteric diseases</b>														
Botulism									0	1	0	0	0.1	0.0
Campylobacteriosis	89	73	65	83	85	73	71	22	3281	2853	2940	251	214.6	1.2
Cryptosporidiosis	2	4		3	1	3	1	1	237	254	303	6	22.9	0.3
Hepatitis A	2					1			17	25	20	1	1.4	0.7
Hepatitis E									2	2	0	0	0.3	0.0
Listeriosis									6	6	4	0	0.5	0.0
Paratyphoid fever									12	11	10	0	0.9	0.0
Rotavirus	3	5	4	7	4	3	3	1	166	598	406	11	25.9	0.4
STEC/VTEC infection	1	1	1		2	3	2	1	34	0	2	8	0.4	20.0
Salmonellosis	36	36	29	38	61	49	44	11	1877	1676	1247	165	114.1	1.4
Shigellosis		2	2			4	4		90	98	63	8	6.7	1.2
Typhoid				1				1	11	8	14	1	0.9	1.1
Vibrio parahaemolyticus		1	1					2	24	7	16	2	1.3	1.6
Yersiniosis									15	30	4	0	0.6	0.0
<b>Sexually transmissible infections</b>														
Chlamydia (genital)	220	199	222	223	209	223	198	53	11520	11098	11333	683	833.7	0.8
Gonorrhoea	69	80	62	81	69	96	60	12	3275	2236	2197	237	165.3	1.4
Syphilis - Infectious	9	2	2	7	6	4	6		329	167	95	16	9.4	1.7
Syphilis - Non-Infectious	1	1	2		3	2	5	3	59	70	65	13	6.6	2.0
<b>Vaccine preventable diseases</b>														
H. influenzae type b									1	2	1	0	0.1	0.0
Influenza	81	48	42	47	35	33	36	2	7878	6045	5268	106	106.4	1.0
Measles					1		2		9	8	43	3	2.0	1.5
Mumps	2	1			2	1			478	444	23	3	15.0	0.2
Pertussis	24	37	29	31	23	24	20	5	1444	1830	1721	72	269.5	0.3
Pneumococcal infection	5	3	6	2	2		2		189	167	200	4	9.5	0.4
Rubella (non-congenital)									1	2	1	0	0.0	0.0
Tetanus									1	0	1	0	0.2	0.0
Varicella (chicken pox)	18	15	23	12	18	10	18	1	590	482	423	47	31.1	1.5
Varicella (shingles)	27	37	35	34	36	37	26	2	1608	1406	1362	101	99.9	1.0
Varicella (unspecified)	34	27	43	28	40	45	51	12	1578	1436	1232	148	102.1	1.5
<b>Vector-borne diseases</b>														
Arboviral encephalitis									15	2	0	0	0.3	0.0
Barmah Forest virus					2	1	1	1	14	45	56	5	15.3	0.3
Chikungunya	1	3			1		2		14	11	25	3	0.7	4.1
Dengue fever	5	4	4	8	2	5	2		549	554	438	9	33.9	0.3
Malaria			2	1		1	1		52	47	47	2	5.5	0.4
Ross River virus	10	8	17	18	13	13	25	9	406	967	1569	60	104.9	0.6
Schistosomiasis	3	3	3	6	16	13	3		243	192	178	32	9.6	3.3
Typhus		2	1		1	3	4		40	28	14	8	2.2	3.6
<b>Zoonotic diseases</b>														
Leptospirosis		1							6	1	3	0	0.1	0.0
Q Fever	2		1						10	12	5	0	0.7	0.0
<b>Other diseases</b>														
Creutzfeldt-Jakob disease									5	4	5	0	0.6	0.0
Haemolytic Uraemic Syndrome								2	3	1	1	2	0.0	0.0
Legionellosis	2		1	1	1	1	1		70	77	111	3	6.8	0.4
Leprosy		2							7	2	5	0	0.1	0.0
Melioidosis									2	7	6	0	0.7	0.0
Meningococcal infection	3				2				22	17	18	2	1.5	1.4
Tuberculosis	2	3	2	4	5	2	6	3	139	130	138	16	10.8	1.5
<b>Grand Total</b>	<b>684</b>	<b>630</b>	<b>642</b>	<b>666</b>	<b>678</b>	<b>690</b>	<b>638</b>	<b>165</b>						

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

Disease Category/Disease	Week Ending								Cumulative Total to end of week 51			Total Last 4 Weeks	Mean of 15 x 4 week periods[3]	Ratio [4]
	03/11	10/11	17/11	24/11	01/12	08/12	15/12	22/12	2016	2015	2014			
	<b>Blood-borne diseases[2]</b>													
Hepatitis B (newly acquired)	1	1				1	1		23	24	21	2	1.4	1.4
Hepatitis B (unspecified)	9	8	7	11	14	16	7	6	565	467	505	43	33.1	1.3
Hepatitis C (newly acquired)	2	2	3	4	1	3	3	1	98	141	124	8	9.7	0.8
Hepatitis C (unspecified)	16	16	23	10	18	12	19	12	793	686	738	61	51.9	1.2
<b>Enteric diseases</b>														
Botulism									0	1	0	0	0.1	0.0
Campylobacteriosis	72	53	49	67	64	54	60	16	2596	2209	2291	194	163.4	1.2
Cryptosporidiosis	2	3		1	1		1	1	161	123	203	3	12.3	0.2
Hepatitis A	2					1			16	22	14	1	1.0	1.0
Hepatitis E									2	1	0	0	0.3	0.0
Listeriosis									5	6	4	0	0.5	0.0
Paratyphoid fever									11	10	8	0	0.9	0.0
Rotavirus	3	3	4	6	4	3	2	1	139	427	296	10	19.4	0.5
STEC/VTEC infection		1	1		1	3	1	1	20	0	1	6	0.1	45.0
Salmonellosis	31	31	23	31	55	41	33	8	1430	1221	859	137	82.5	1.7
Shigellosis		2	2			1	1		58	41	36	2	3.3	0.6
Typhoid				1				1	8	7	10	1	0.7	1.5
Vibrio parahaemolyticus		1	1					2	22	5	14	2	1.1	1.9
Yersiniosis									12	22	2	0	0.5	0.0
<b>Sexually transmissible infections</b>														
Chlamydia (genital)	171	151	170	174	154	170	159	51	8856	8509	8566	534	625.1	0.9
Gonorrhoea	51	60	41	57	53	70	44	12	2204	1417	1247	179	85.5	2.1
Syphilis - Infectious	6	1	1	7	4	3	6		253	115	75	13	7.4	1.8
Syphilis - Non-Infectious		1	2		3	2	5	3	48	59	52	13	3.9	3.3
<b>Vaccine preventable diseases</b>														
Influenza	57	36	29	40	28	29	30	1	6077	4684	3734	88	81.4	1.1
Measles					1		2		9	6	34	3	1.4	2.1
Mumps	1	1							25	46	20	0	2.2	0.0
Pertussis	20	31	18	23	18	17	17	5	1123	1295	1315	57	199.4	0.3
Pneumococcal infection	1	1	3	1	2		1		106	99	109	3	5.0	0.6
Rubella (non-congenital)									1	2	1	0	0.0	0.0
Varicella (chicken pox)	17	12	20	8	14	7	17	1	479	375	282	39	21.2	1.8
Varicella (shingles)	23	26	29	27	25	30	11	2	1215	1105	1040	68	75.0	0.9
Varicella (unspecified)	31	21	36	26	37	41	46	12	1366	1232	1054	136	89.1	1.5
<b>Vector-borne diseases</b>														
Arboviral encephalitis									13	2	0	0	0.3	0.0
Barmah Forest virus						1	1		5	14	22	2	10.5	0.2
Chikungunya	1	3			1		2		13	8	22	3	0.7	4.1
Dengue fever	4	4	3	7	2	4	2		443	447	344	8	27.3	0.3
Malaria			2	1		1			38	39	39	1	4.7	0.2
Ross River virus	4	2	5	9	4	4	10	2	199	570	970	20	65.1	0.3
Schistosomiasis	3	3	3	5	16	13	3		234	184	152	32	8.7	3.7
Typhus			1		1	3	3		29	18	10	7	1.7	4.2
<b>Zoonotic diseases</b>														
Leptospirosis									3	1	2	0	0.1	0.0
Q Fever	1		1						4	2	2	0	0.1	0.0
<b>Other diseases</b>														
Creutzfeldt-Jakob disease									2	4	4	0	0.3	0.0
Haemolytic Uraemic Syndrome							2		2	1	0	2	0.0	0.0
Legionellosis	1			1	1	1	1		51	49	86	3	4.8	0.6
Leprosy		2							4	2	2	0	0.1	0.0
Meningococcal infection	1								11	12	10	0	0.9	0.0
Tuberculosis	2	2	2	4	3	1	4	3	115	104	122	11	8.7	1.3
<b>Grand Total</b>	<b>533</b>	<b>478</b>	<b>479</b>	<b>521</b>	<b>525</b>	<b>532</b>	<b>496</b>	<b>139</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)			Metropolitan area (East)		
	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)			0.5		(1)	1.2		2	1.6
Hepatitis B (unspecified)	3	21 (10)	24.1	1	10 (12)	24.5	2	12 (16)	32.9
Hepatitis C (newly acquired)		1 (3)	1.6		4 (7)	6.3	1	3 (7)	6.5
Hepatitis C (unspecified)	2	14 (14)	22.8	3	20 (21)	40.7	7	27 (20)	52.0
<b>Enteric diseases</b>									
Campylobacteriosis	4	61 (61)	124.9	4	59 (58)	122.8	8	74 (52)	126.5
Cryptosporidiosis	1	2 (8)	11.1		1 (6)	5.7		(6)	6.1
Hepatitis A		1 (2)	0.8			1.1		(1)	0.4
Hepatitis E			0.1			0.2			
Listeriosis			0.4			0.2			0.1
Paratyphoid fever		(1)	0.7			0.5			0.4
Rotavirus	1	3 (7)	7.0		(5)	3.7		7 (4)	9.1
STEC/VTEC infection			0.9		2	0.6	1	4	1.3
Salmonellosis	1	38 (31)	71.5	5	47 (47)	69.9	2	52 (37)	64.7
Shigellosis		(1)	3.0		(1)	3.1		2 (2)	2.3
Typhoid						0.8	1	1	0.4
Vibrio parahaemolyticus		1 (1)	0.9			0.8		1	1.4
Yersiniosis			0.4			0.6			0.7
<b>Sexually transmissible infections</b>									
Chlamydia (genital)	13	161 (227)	373.4	23	178 (205)	444.5	15	195 (234)	463.9
Gonorrhoea	2	51 (39)	81.4	4	54 (39)	106.7	6	74 (60)	131.5
Syphilis - Infectious		3 (4)	10.8		3 (4)	7.2		7 (6)	18.2
Syphilis - Non-Infectious		3 (1)	1.8	1	3 (1)	2.0	2	7	3.2
<b>Vaccine preventable diseases</b>									
H. influenzae type b									
Influenza		29 (36)	277.6		28 (46)	304.0	1	31 (22)	296.4
Measles								3 (1)	1.3
Mumps		(1)	1.2		(1)	0.6		(2)	1.7
Pertussis	1	23 (34)	46.1	3	14 (43)	59.7	1	20 (36)	57.1
Pneumococcal infection		1 (1)	3.2		1	6.3		1 (2)	5.9
Rubella (non-congenital)			0.1						
Tetanus									
Varicella (chicken pox)	1	12 (5)	23.1		9 (10)	22.8		18 (10)	23.1
Varicella (shingles)	1	21 (25)	55.3		26 (26)	66.9	1	21 (24)	53.7
Varicella (unspecified)	1	45 (43)	69.5	8	46 (43)	68.6	3	45 (37)	58.7
<b>Vector-borne diseases</b>									
Arboviral encephalitis			0.7			0.9			0.3
Barmah Forest virus			0.1		2 (1)	0.3			0.3
Chikungunya		2	1.2					1	0.6
Dengue fever		4 (3)	21.8		4 (6)	22.4		(3)	19.8
Malaria		(2)	1.5			1.5		1 (1)	2.5
Ross River virus		2 (7)	6.9	2	15 (12)	15.0		3 (13)	7.4
Schistosomiasis		14 (6)	15.5		8 (4)	4.6		10 (2)	12.9
Typhus		2 (1)	1.4		3 (1)	1.9		2	1.0
<b>Zoonotic diseases</b>									
Leptospirosis			0.1			0.2			0.1
Q Fever						0.3			0.3
<b>Other diseases</b>									
Creutzfeldt-Jakob disease						0.2			0.1
Haemolytic Uraemic Syndrome								2	0.3
Legionellosis		1 (2)	2.7		(1)	1.5		2 (1)	3.0
Leprosy			0.3						0.3
Melioidosis									
Meningococcal infection			0.7			0.5			0.4
Tuberculosis	1	4 (4)	6.2	1	3 (4)	3.4	1	4 (4)	6.8
<b>Grand Total</b>	<b>32</b>	<b>520 (580)</b>		<b>55</b>	<b>540 (605)</b>		<b>52</b>	<b>632 (603)</b>	

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

Disease Category/Disease	Southwest			Great Southern			Coastal and Wheatbelt		
	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	0.6						1.3
Hepatitis B (unspecified)		1 (3)	10.3	1	1	10.0		1	25.9
Hepatitis C (newly acquired)			1.7		(1)	11.6			2.6
Hepatitis C (unspecified)	1	7 (2)	42.8		2 (3)	64.7		3 (2)	63.4
<b>Enteric diseases</b>									
Campylobacteriosis	1	28 (24)	147.7	1	6 (6)	147.7	1	7 (7)	101.0
Cryptosporidiosis		(3)	8.0		(1)	5.0		(2)	7.8
Hepatitis A									
Hepatitis E									
Listeriosis									1.3
Paratyphoid fever									
Rotavirus		(1)	2.3			3.3			5.2
STEC/VTEC infection		2	2.9			3.3			
Salmonellosis	1	11 (5)	75.9		1 (1)	59.7		1 (6)	47.9
Shigellosis			2.3			3.3			1.3
Typhoid									
Vibrio parahaemolyticus									
Yersiniosis									1.3
<b>Sexually transmissible infections</b>									
Chlamydia (genital)	1	34 (34)	312.6		9 (17)	290.4		14 (14)	222.7
Gonorrhoea		5 (6)	54.2		1 (1)	23.2		1 (2)	36.3
Syphilis - Infectious			4.6						6.5
Syphilis - Non-Infectious			1.1						
<b>Vaccine preventable diseases</b>									
H. influenzae type b			0.6						
Influenza		4 (4)	187.1		2	355.1		(2)	199.4
Measles									
Mumps			1.1			3.3			10.4
Pertussis		7 (75)	83.3		6	156.0		2 (6)	20.7
Pneumococcal infection			10.3			6.6		(1)	7.8
Rubella (non-congenital)									
Tetanus			0.6						
Varicella (chicken pox)		3 (4)	14.3		(3)	31.5		3	11.7
Varicella (shingles)		19 (10)	66.2		2 (4)	129.4		4 (5)	58.3
Varicella (unspecified)		2 (8)	55.3		3	29.9		(1)	14.2
<b>Vector-borne diseases</b>									
Arboviral encephalitis									
Barmah Forest virus		1	1.1			1.7	1	2	2.6
Chikungunya									
Dengue fever		1	26.2		(1)	16.6		(1)	14.2
Malaria			2.9						
Ross River virus	5	20 (1)	47.9		4 (6)	29.9	2	7 (4)	50.5
Schistosomiasis			2.3			6.6			
Typhus			1.1			1.7			
<b>Zoonotic diseases</b>									
Leptospirosis			1.7						
Q Fever						1.7			6.5
<b>Other diseases</b>									
Creutzfeldt-Jakob disease			1.1			1.7			
Haemolytic Uraemic Syndrome									
Legionellosis		(2)	2.3			5.0			3.9
Leprosy									
Melioidosis									
Meningococcal infection			0.6						
Tuberculosis		1	3.4			3.3		1	3.9
<b>Grand Total</b>	<b>9</b>	<b>147 (182)</b>		<b>2</b>	<b>37 (44)</b>		<b>4</b>	<b>46 (53)</b>	

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

Disease Category/Disease	Midwest			Goldfields			Pilbara		
	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)	5.8		(1)	23.1			14.7
Hepatitis C (newly acquired)			8.7			9.9		1	4.9
Hepatitis C (unspecified)	1	4 (1)	67.8		2 (1)	43.0	2	2 (2)	28.3
<b>Enteric diseases</b>									
Campylobacteriosis	1	3 (7)	109.7	1	6 (7)	97.5	1	3 (6)	62.7
Cryptosporidiosis		(1)	5.8			13.2		1 (1)	25.8
Hepatitis A									
Hepatitis E									
Listeriosis									
Paratyphoid fever									
Rotavirus		(3)	5.8		(1)	11.6		1 (1)	3.7
STEC/VTEC infection			1.4			3.3			1.2
Salmonellosis		2 (3)	69.3	1	6 (5)	76.0	1	3 (5)	56.5
Shigellosis		1	8.7		1 (1)	8.3		3	7.4
Typhoid									
Vibrio parahaemolyticus						1.7			1.2
Yersiniosis			1.4						1.2
<b>Sexually transmissible infections</b>									
Chlamydia (genital)	1	16 (23)	500.7		19 (21)	614.6		27 (21)	458.4
Gonorrhoea		5 (9)	186.1		6 (8)	183.4		16 (16)	258.1
Syphilis - Infectious			8.7		(1)	9.9			2.5
Syphilis - Non-Infectious						5.0			2.5
<b>Vaccine preventable diseases</b>									
H. influenzae type b									
Influenza		4 (3)	362.2		3	166.9	1	2 (8)	513.7
Measles									
Mumps		(3)	56.3		3 (22)	81.0		(9)	68.8
Pertussis		(2)	27.4		(5)	31.4			4.9
Pneumococcal infection		(2)	11.5			14.9			28.3
Rubella (non-congenital)									
Tetanus									
Varicella (chicken pox)			13.0		1	18.2		1	6.1
Varicella (shingles)		2	31.7		2	49.6		2	39.3
Varicella (unspecified)		4 (7)	82.2		1	14.9		1	6.1
<b>Vector-borne diseases</b>									
Arboviral encephalitis			1.4						
Barmah Forest virus						1.7			1.2
Chikungunya						1.7			
Dengue fever			13.0			13.2			13.5
Malaria			1.4		(1)	5.0		1	2.5
Ross River virus		2 (2)	14.4		6 (1)	39.7		(1)	8.6
Schistosomiasis									1.2
Typhus			5.8			1.7		1	2.5
<b>Zoonotic diseases</b>									
Leptospirosis									
Q Fever									
<b>Other diseases</b>									
Creutzfeldt-Jakob disease									
Haemolytic Uraemic Syndrome			1.4						
Legionellosis			5.8			6.6			
Leprosy									
Melioidosis									1.2
Meningococcal infection					2	9.9			
Tuberculosis			2.9			1.7		1 (1)	2.5
<b>Grand Total</b>	<b>3</b>	<b>43 (67)</b>		<b>2</b>	<b>58 (75)</b>		<b>5</b>	<b>66 (71)</b>	

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

Disease Category/Disease	Kimberley			STATE TOTAL		
	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)				0	3 (1)	0.9
Hepatitis B (unspecified)	1	1 (3)	35.1	8	47 (46)	24.8
Hepatitis C (newly acquired)				1	9 (18)	4.6
Hepatitis C (unspecified)		2 (2)	93.6	16	84 (69)	41.7
<b>Enteric diseases</b>						
Campylobacteriosis		(4)	72.6	22	251 (233)	123.9
Cryptosporidiosis		2 (1)	39.8	1	6 (29)	9.0
Hepatitis A				0	1 (5)	0.6
Hepatitis E				0	0 (0)	0.1
Listeriosis				0	0 (0)	0.2
Paratyphoid fever			2.3	0	0 (1)	0.5
Rotavirus			4.7	1	11 (22)	6.3
STEC/VTEC infection			4.7	1	8 (0)	1.3
Salmonellosis		3 (6)	180.2	11	165 (150)	70.9
Shigellosis		1 (2)	14.0	0	8 (7)	3.4
Typhoid				1	1 (0)	0.4
Vibrio parahaemolyticus				0	2 (1)	0.9
Yersiniosis				0	0 (0)	0.6
<b>Sexually transmissible infections</b>						
Chlamydia (genital)		24 (43)	1345.9	53	683 (848)	435.2
Gonorrhoea		20 (20)	1046.3	12	237 (203)	123.7
Syphilis - Infectious		3	96.0	0	16 (15)	12.4
Syphilis - Non-Infectious			2.3	3	13 (2)	2.0
<b>Vaccine preventable diseases</b>						
H. influenzae type b				0	0 (1)	0.0
Influenza		2 (2)	517.3	2	106 (126)	297.6
Measles				0	3 (1)	0.3
Mumps		(29)	692.9	0	3 (67)	18.1
Pertussis		(1)	39.8	5	72 (204)	54.5
Pneumococcal infection		1 (1)	35.1	0	4 (8)	7.1
Rubella (non-congenital)				0	0 (0)	0.0
Tetanus				0	0 (0)	0.0
Varicella (chicken pox)			65.5	1	47 (33)	22.3
Varicella (shingles)		2 (1)	100.7	2	101 (95)	60.7
Varicella (unspecified)		1 (2)	2.3	12	148 (145)	59.6
<b>Vector-borne diseases</b>						
Arboviral encephalitis			2.3	0	0 (0)	0.6
Barmah Forest virus		(1)	4.7	1	5 (2)	0.5
Chikungunya				0	3 (0)	0.5
Dengue fever		(1)	4.7	0	9 (17)	20.7
Malaria			2.3	0	2 (5)	2.0
Ross River virus		1 (2)	51.5	9	60 (49)	15.3
Schistosomiasis				0	32 (13)	9.2
Typhus			2.3	0	8 (2)	1.5
<b>Zoonotic diseases</b>						
Leptospirosis				0	0 (0)	0.2
Q Fever				0	0 (0)	0.4
<b>Other diseases</b>						
Creutzfeldt-Jakob disease				0	0 (0)	0.2
Haemolytic Uraemic Syndrome				0	2 (0)	0.1
Legionellosis				0	3 (6)	2.6
Leprosy			7.0	0	0 (0)	0.2
Melioidosis			2.3	0	0 (0)	0.1
Meningococcal infection			4.7	0	2 (0)	0.8
Tuberculosis				3	16 (13)	4.7
<b>Grand Total</b>	<b>1</b>	<b>63 (121)</b>		<b>165</b>	<b>2171 (2438)</b>	

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

	Week Ending								Cumulative Total to end of Week 51	
	03/11	10/11	17/11	24/11	01/12	08/12	15/12	22/12	2016	2015
	<b>Salmonella Total</b>	<b>36</b>	<b>36</b>	<b>29</b>	<b>38</b>	<b>61</b>	<b>49</b>	<b>44</b>	<b>11</b>	<b>1877</b>
<b>Serotype/Phage</b>										
Salmonella Aberdeen			1			1			10	4
Salmonella Adelaide									3	9
Salmonella Agbeni									1	0
Salmonella Agona									11	7
Salmonella Alachua			1						1	0
Salmonella Albany									1	3
Salmonella Anatum									9	8
Salmonella Anatum var 15+				1					2	1
Salmonella Arizonae									1	1
Salmonella Bahrenfeld									2	3
Salmonella Bareilly									5	4
Salmonella Birkenhead								1	5	6
Salmonella Blukwa									1	1
Salmonella Bonn									1	0
Salmonella Bovismorbificans								1	20	5
Salmonella Braenderup									12	10
Salmonella Bredeney									3	4
Salmonella Cannonhill						1			1	0
Salmonella Cerro					1				4	0
Salmonella Cerro var 14+								1	1	0
Salmonella Charity				1					2	0
Salmonella Chester									25	32
Salmonella Choleraesuis bv Decatur									3	9
Salmonella Choleraesuis bv Kunzendorf Australia					1				7	9
Salmonella Corvallis									12	8
Salmonella Derby	1								3	2
Salmonella Eastbourne					1				12	9
Salmonella Emek									1	0
Salmonella Enteritidis	6	6	3	2	4	3	4		233	228
Salmonella Fremantle subsp II			1						2	2
Salmonella Give						1			5	11
Salmonella Give var 15+				1					2	0
Salmonella Glostrup									1	0
Salmonella Hadar							1		11	10
Salmonella Haifa									1	0
Salmonella Havana	1					1			7	9
Salmonella Heidelberg					1				4	8
Salmonella Hessarek									1	1
Salmonella Houten subsp IV									1	1
Salmonella Hvittingfoss		1	1	3	3				27	6
Salmonella Infantis							1		41	35
Salmonella Javiana									5	3
Salmonella Johannesburg									1	3
Salmonella Kedougou									1	0
Salmonella Kentucky	1		1	2	2				33	3
Salmonella Kiambu									25	36
Salmonella Kirkee									0	1
Salmonella Kisarawe									2	0
Salmonella Kottbus									5	6



# Weekly Report for period 28-OCT-16 to 22-DEC-16

	03/11	10/11	17/11	24/11	01/12	08/12	15/12	22/12	Cumulative Total to end of Week 51	
									2016	2015
<b>Salmonella Total</b>	<b>36</b>	<b>36</b>	<b>29</b>	<b>38</b>	<b>61</b>	<b>49</b>	<b>44</b>	<b>11</b>	<b>1877</b>	<b>1640</b>
<b>Serotype/Phage</b>										
Salmonella Lansing									3	2
Salmonella Lexington									1	0
Salmonella Litchfield									3	1
Salmonella Liverpool									5	1
Salmonella Livingstone									3	1
Salmonella London									1	2
Salmonella Matopeni									1	0
Salmonella Mbandaka	1								22	23
Salmonella Mgulani									1	0
Salmonella Mississippi									1	0
Salmonella Montevideo						1			6	2
Salmonella Muenchen	1			1			1		19	23
Salmonella Muenster									1	0
Salmonella Newport	2			1	1				31	25
Salmonella Ohio									1	6
Salmonella Ohlstedt									6	1
Salmonella Oranienburg	1	1							7	14
Salmonella Orientalis									3	4
Salmonella Orion		1							8	9
Salmonella Orion var 15+									1	0
Salmonella Oslo									1	2
Salmonella Panama									1	1
Salmonella Papuana									1	2
Salmonella Paratyphi B bv Java	2	2			2				82	65
Salmonella Poona									5	5
Salmonella Potsdam									5	9
Salmonella Reading									2	6
Salmonella Richmond									1	2
Salmonella Rissen									3	6
Salmonella Rubislaw									2	3
Salmonella Saintpaul		1			1		1		38	58
Salmonella Schwarzengrund									8	3
Salmonella Senftenberg	1				1		1		17	11
Salmonella Singapore						2			20	9
Salmonella Sofia subsp II									1	0
Salmonella Stanley	1							1	29	45
Salmonella Tennessee					1	1			3	2
Salmonella Thompson						1			4	6
Salmonella Treforest									3	1
Salmonella Typhimurium	15	21	17	24	39	31	19	1	757	616
Salmonella Urbana									3	8
Salmonella Virchow		1		2	1	3			44	55
Salmonella Wandsbek subsp II									2	8
Salmonella Wangata									1	1
Salmonella Welikade						1			8	10
Salmonella Weltevreden	2	1	2					1	26	25
Salmonella Weltevreden var 15+		1							5	1
Salmonella species	1		2		2	2	12	9	99	66
Salmonella subsp 1 ser 4,5,12:-:-									3	0

# Weekly Report for period 28-OCT-16 to 22-DEC-16

	03/11	10/11	17/11	24/11	01/12	08/12	15/12	22/12	Cumulative Total to end of Week 51	
									2016	2015
<b>Salmonella Total</b>	<b>36</b>	<b>36</b>	<b>29</b>	<b>38</b>	<b>61</b>	<b>49</b>	<b>44</b>	<b>11</b>	<b>1877</b>	<b>1640</b>
<b>Serotype/Phage</b>										
Salmonella subsp 1 ser 4,5,12:i:-									4	2
Salmonella subsp 1 ser rough a:e,n,x									1	0
Salmonella subsp 1 ser rough:-:-									1	0
Salmonella subsp I ser 16:l,v:-									5	0
Salmonella subsp IIIb 61:z52:z35									1	0