



Department of Health

STATEWIDE NOTIFIABLE DISEASES WEEKLY REPORT

Epidemiology & Surveillance Program
Communicable Disease Control Directorate

Report for eight week period 24-SEP-19 to 18-NOV-19

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 (9222 0255) or a regional Public Health Unit.

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 2nd - 29th 2017, then this period is compared to the mean number of cases for fifteen 4-week intervals made up of March 5th - April 1st 2016, April 2nd - 29th 2016, and April 30th - May 27th 2016, and the corresponding periods for 2015, 2014, 2013 and 2012. 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://ww2.health.wa.gov.au/Articles/F_I/Infectious-disease-data/Statewide-notifiable-diseases-weekly-report

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

Disease Category/Disease	Week Ending								Cumulative Total to end of week 46			Total Last 4 Weeks	Mean of 15 x 4 week periods[3]	Ratio [4]
	30/09	07/10	14/10	21/10	28/10	04/11	11/11	18/11	2019	2018	2017			
	Blood-borne diseases[2]													
Hepatitis B (newly acquired)			1		1			1	22	21	13	2	1.9	1.0
Hepatitis B (unspecified)	3	6	9	12	10	8	12	6	407	451	482	36	42.4	0.8
Hepatitis C (newly acquired)	2	5	2	2	1		1		96	105	111	2	12.4	0.2
Hepatitis C (unspecified)	19	14	14	18	16	14	18	16	780	796	959	64	80.6	0.8
Hepatitis D		1							9	7	3	0	0.1	0.0
Enteric diseases														
Campylobacteriosis	60	82	84	86	69	93	69	55	3050	3008	2987	286	292.9	1.0
Cryptosporidiosis	3	3	2	2	5	4	8	2	167	106	393	19	13.8	1.4
Hepatitis A		2	2						24	10	12	0	1.4	0.0
Hepatitis E						1			3	2	4	1	0.1	7.5
Listeriosis									7	7	6	0	0.3	0.0
Paratyphoid fever		1							7	8	4	0	0.6	0.0
Rotavirus	10	13	8	14	10	15	11	8	476	292	479	44	28.9	1.5
STEC/VTEC infection	2	5	4	2	2		2	3	128	66	47	7	4.0	1.8
Salmonellosis	30	33	49	54	51	50	62	34	1872	1863	2360	197	137.7	1.4
Shigellosis	9	3	5	7	11	6	6	4	340	236	170	27	11.7	2.3
Typhoid				1		1			17	12	15	1	1.3	0.8
Vibrio parahaemolyticus		1							17	13	15	0	1.2	0.0
Yersiniosis	1	1	1	1			1		21	9	14	1	1.1	0.9
Sexually transmissible infections														
Chlamydia (genital)	167	198	225	258	232	242	214	193	10312	10355	10374	881	861.7	1.0
Gonorrhoea	53	73	61	63	71	84	66	41	3450	3039	3050	262	230.0	1.1
Syphilis (congenital)									1	0	0	0	0.1	0.0
Syphilis - Infectious	16	13	3	10	14	11	14	17	520	359	295	56	23.1	2.4
Syphilis - Non-Infectious	5	2	5	3	5	3	5	2	201	209	133	15	9.9	1.5
Vaccine preventable diseases														
H. influenzae type b									2	1	0	0	0.1	0.0
Influenza	59	63	53	37	52	35	43	33	23038	5357	5767	163	399.1	0.4
Measles	12	4	7	2					54	34	17	0	1.3	0.0
Mumps			1		1	2	1	1	29	18	21	5	16.8	0.3
Pertussis	6	17	11	10	3	1	5	1	473	1212	1332	10	141.9	0.1
Pneumococcal infection	2	5	4	6	6	4	4	5	227	190	185	19	14.0	1.4
Rubella (non-congenital)									1	1	2	0	0.1	0.0
Varicella (chicken pox)	2	9	9	16	14	8	8	3	541	596	646	33	51.3	0.6
Varicella (shingles)	40	44	57	52	41	47	32	12	1910	2000	1808	132	146.0	0.9
Varicella (unspecified)	26	27	27	32	31	40	49	48	1319	1346	1407	168	112.5	1.5
Vector-borne diseases														
Barmah Forest virus									11	36	39	0	2.6	0.0
Chikungunya							1		7	3	10	1	1.2	0.8
Dengue fever	1	3	7	4	4	7	1	6	289	117	172	18	16.2	1.1
Malaria	1	2	2	1	1	3		2	54	46	55	6	3.2	1.9
Ross River virus	7	10	10	3	4	3	2	7	371	467	1095	16	57.4	0.3
Typhus	1	1	1	2					24	16	18	0	2.3	0.0
Zoonotic diseases														
Leptospirosis									3	3	2	0	0.5	0.0
Q Fever									5	12	8	0	1.0	0.0
Other diseases														
Acute post-streptococcal glomerulonephritis		1							8	23	3	0	0.6	0.0
Creutzfeldt-Jakob disease				1					6	7	6	0	0.4	0.0
Haemolytic Uraemic Syndrome									1	1	3	0	0.1	0.0
Legionellosis	1	1		1	2	1			29	44	36	3	6.7	0.4
Leprosy				1					1	1	2	0	0.3	0.0
Melioidosis									4	5	8	0	0.5	0.0
Meningococcal infection	2	1				1	1	1	22	36	38	3	2.9	1.0
Tuberculosis	2	1	3	3	3	2	4	4	113	103	103	13	10.3	1.3
Grand Total	542	645	667	704	660	686	640	505						

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

Disease Category/Disease	Week Ending								Cumulative Total to end of week 46			Total Last 4 Weeks	Mean of 15 x 4 week periods[3]	Ratio [4]
	30/09	07/10	14/10	21/10	28/10	04/11	11/11	18/11	2019	2018	2017			
	Blood-borne diseases[2]													
Hepatitis B (newly acquired)			1		1			1	16	17	9	2	1.7	1.2
Hepatitis B (unspecified)	1	5	7	8	8	7	11	6	346	376	402	32	34.8	0.9
Hepatitis C (newly acquired)	2	2	2	2	1		1		70	84	78	2	10.1	0.2
Hepatitis C (unspecified)	10	9	9	8	13	11	12	10	534	587	691	46	61.1	0.8
Hepatitis D		1							9	6	2	0	0.1	0.0
Enteric diseases														
Campylobacteriosis	49	66	66	66	59	69	52	47	2477	2364	2349	227	225.6	1.0
Cryptosporidiosis	2	2	2	1	5	1	2		94	54	288	8	8.4	1.0
Hepatitis A		2	2						21	9	10	0	1.3	0.0
Hepatitis E						1			3	2	4	1	0.1	7.5
Listeriosis									7	4	6	0	0.3	0.0
Paratyphoid fever		1							7	8	4	0	0.5	0.0
Rotavirus	7	8	6	11	10	13	10	7	401	207	282	40	22.2	1.8
STEC/VTEC infection	2	5	4	2	2		2	1	100	54	32	5	3.4	1.5
Salmonellosis	24	26	39	46	42	33	41	26	1461	1431	1804	142	106.0	1.3
Shigellosis	7	2	4	4	7	4	3	4	240	105	47	18	5.4	3.3
Typhoid				1		1			15	11	13	1	1.1	0.9
Yersiniosis	1	1	1	1			1		20	8	13	1	0.9	1.2
Sexually transmissible infections														
Chlamydia (genital)	133	167	174	213	195	173	170	155	8107	8058	8046	693	665.2	1.0
Gonorrhoea	38	62	45	48	54	59	49	35	2546	2020	1986	197	152.8	1.3
Syphilis - Infectious	7	11		10	8	6	10	12	303	258	216	36	16.4	2.2
Syphilis - Non-Infectious	5	2	4	3	3	1	3		130	158	112	7	7.8	0.9
Vaccine preventable diseases														
H. influenzae type b									1	0	0	0	0.1	0.0
Influenza	51	49	39	29	42	29	35	30	18174	4326	4237	136	289.7	0.5
Measles	12	4	5	2					41	30	16	0	1.1	0.0
Mumps								1	14	17	16	1	2.2	0.5
Pertussis	4	14	9	7	3	1	4	1	379	842	916	9	96.9	0.1
Pneumococcal infection	2	4		4	4	2	4		135	113	121	10	7.8	1.3
Rubella (non-congenital)									1	1	2	0	0.1	0.0
Varicella (chicken pox)	1	8	8	11	12	7	5	3	401	431	448	27	38.8	0.7
Varicella (shingles)	26	31	39	38	28	33	24	8	1363	1412	1265	93	107.9	0.9
Varicella (unspecified)	25	24	26	31	24	34	41	46	1238	1307	1359	145	104.9	1.4
Vector-borne diseases														
Barmah Forest virus									4	7	8	0	0.7	0.0
Chikungunya							1		7	1	8	1	1.2	0.8
Dengue fever	1	2	5	4	3	5	1	5	236	98	141	14	13.1	1.1
Malaria	1	2	2	1		2		2	46	40	46	4	2.6	1.5
Ross River virus	7	7	5	3	4	2	2	5	251	328	560	13	35.9	0.4
Typhus	1	1	1	1					16	10	10	0	1.9	0.0
Zoonotic diseases														
Leptospirosis									2	3	0	0	0.3	0.0
Q Fever									2	6	4	0	0.3	0.0
Other diseases														
Creutzfeldt-Jakob disease				1					5	5	4	0	0.4	0.0
Legionellosis		1		1	2				24	36	28	2	5.1	0.4
Melioidosis									2	2	3	0	0.3	0.0
Meningococcal infection	2					1	1		10	21	28	2	1.6	1.3
Tuberculosis	1	1	3	3	3	2	4	4	103	85	92	13	8.4	1.5
Grand Total	422	520	508	560	533	497	489	409						

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]
Blood-borne diseases[2]									
Hepatitis B (newly acquired)		1 (1)	0.5			0.6	1	1	1.1
Hepatitis B (unspecified)	2	9 (8)	13.4		8 (8)	12.3	4	15 (4)	20.4
Hepatitis C (newly acquired)		(3)	1.4		1 (3)	3.3		1 (1)	4.7
Hepatitis C (unspecified)	2	12 (11)	14.6	2	13 (15)	26.4	6	21 (23)	31.0
Hepatitis D			0.4			0.3			0.5
Enteric diseases									
Campylobacteriosis	15	70 (79)	108.9	14	78 (77)	116.8	18	79 (84)	106.1
Cryptosporidiosis		2 (2)	4.9		1	3.7		5 (2)	4.0
Hepatitis A			0.5			0.4		(2)	1.8
Hepatitis E								1	0.4
Listeriosis			0.3			0.4			0.3
Paratyphoid fever			0.3			0.1		(2)	0.5
Rotavirus	2	14 (13)	16.5	3	13 (14)	16.8	2	13 (8)	20.3
STEC/VTEC infection		1	4.0		(1)	3.7	1	4 (3)	5.7
Salmonellosis	8	47 (32)	64.2	11	52 (34)	62.7	7	43 (44)	68.4
Shigellosis		6 (5)	8.9	1	5 (5)	11.8	3	7 (1)	11.5
Typhoid			0.1		1	0.4			1.5
Vibrio parahaemolyticus			0.6			0.4			0.5
Yersiniosis		1	1.2			1.1			0.4
Sexually transmissible infections									
Chlamydia (genital)	46	226 (213)	326.4	51	203 (239)	357.6	58	264 (261)	400.7
Gonorrhoea	12	63 (42)	86.1	6	50 (72)	112.8	17	84 (107)	142.3
Syphilis (congenital)									
Syphilis - Infectious	2	11 (10)	9.1	2	7 (6)	11.0	8	18 (11)	20.3
Syphilis - Non-Infectious		3 (3)	5.2		4 (6)	3.8		(6)	8.2
Vaccine preventable diseases									
H. influenzae type b			0.1						
Influenza	11	42 (83)	842.5	13	42 (82)	797.5	6	52 (70)	789.0
Measles		(4)	0.5			3.6		(1)	1.6
Mumps	1	1	0.5			0.9			0.5
Pertussis		2 (25)	14.8		5 (17)	25.2	1	2 (3)	11.3
Pneumococcal infection		2 (3)	5.0		2 (5)	6.0		6 (4)	7.1
Rubella (non-congenital)									0.1
Varicella (chicken pox)		6 (17)	17.3	1	11 (11)	18.8	2	10 (10)	17.7
Varicella (shingles)	3	33 (40)	63.1	5	32 (48)	66.0		28 (41)	53.5
Varicella (unspecified)	20	49 (41)	51.8	10	43 (47)	66.1	16	53 (33)	48.7
Vector-borne diseases									
Barmah Forest virus					(1)	0.3			0.3
Chikungunya			0.4		1	0.6			
Dengue fever	1	4 (4)	10.2	2	4 (5)	12.8	2	6 (3)	8.7
Malaria			2.6	1	2 (2)	1.0	1	2	2.5
Ross River virus	1	6 (6)	7.8	3	5 (11)	16.7	1	2 (5)	9.6
Typhus			0.8		(1)	0.9			0.5
Zoonotic diseases									
Leptospirosis			0.3						
Q Fever						0.3			
Other diseases									
Acute post-streptococcal glomerulonephritis (APS)						0.1		(1)	0.4
Creutzfeldt-Jakob disease			0.1						
Haemolytic Uraemic Syndrome									
Legionellosis		1	1.5		1 (1)	1.0		(1)	0.7
Leprosy									
Melioidosis					(1)	0.1			0.1
Meningococcal infection		1 (1)	0.3			0.6		1 (1)	0.5
Tuberculosis	1	4 (5)	3.7	1	1	3.7	2	8 (3)	6.3
Grand Total	127	617 (651)		126	585 (712)		156	726 (735)	

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]
Blood-borne diseases[2]									
Hepatitis B (newly acquired)			0.5			1.6			
Hepatitis B (unspecified)		1	5.2			11.1		3 (2)	11.4
Hepatitis C (newly acquired)			1.0		(1)	14.3			
Hepatitis C (unspecified)	2	8 (3)	34.4		1 (3)	44.4	2	3 (1)	37.9
Hepatitis D									
Enteric diseases									
Campylobacteriosis	6	28 (16)	117.8		6 (8)	107.9	1	7 (13)	87.1
Cryptosporidiosis	1	8 (1)	8.9			3.2		1 (1)	1.3
Hepatitis A									
Hepatitis E									
Listeriosis									
Paratyphoid fever									
Rotavirus		(2)	11.5		1 (3)	7.9	1	1 (1)	10.1
STEC/VTEC infection			5.2			4.8	1	1	5.0
Salmonellosis	4	25 (15)	66.7		3	38.1	2	5 (1)	60.6
Shigellosis		(1)	2.1			4.8		1	3.8
Typhoid									
Vibrio parahaemolyticus									
Yersiniosis			0.5						
Sexually transmissible infections									
Chlamydia (genital)	8	52 (39)	265.8	4	15 (18)	239.5	9	25 (8)	207.0
Gonorrhoea	1	13 (10)	67.2		2 (1)	44.4		2 (2)	41.7
Syphilis (congenital)									
Syphilis - Infectious		(1)	2.1			9.5		1	3.8
Syphilis - Non-Infectious			2.6	1	1	4.8			5.0
Vaccine preventable diseases									
H. influenzae type b									
Influenza	2	14 (35)	695.7		2 (18)	820.1		3 (8)	653.9
Measles			3.1			3.2			1.3
Mumps		3	4.2					1	1.3
Pertussis		(3)	12.0		(11)	4.8		(1)	11.4
Pneumococcal infection	1	1 (1)	8.3		(1)	7.9	1	1 (1)	3.8
Rubella (non-congenital)									
Varicella (chicken pox)		1 (4)	19.3		(4)	27.0		(1)	16.4
Varicella (shingles)	3	17 (17)	101.6		4 (10)	139.6	1	5 (6)	65.6
Varicella (unspecified)		1 (1)	3.6	1	5	41.2		8	31.6
Vector-borne diseases									
Barmah Forest virus		(1)	1.6						
Chikungunya									
Dengue fever		1	9.9			6.3			3.8
Malaria			0.5						2.5
Ross River virus	1	2 (4)	28.1	1	1 (2)	20.6			13.9
Typhus			0.5			7.9			1.3
Zoonotic diseases									
Leptospirosis									
Q Fever									1.3
Other diseases									
Acute post-streptococcal glomerulonephritis (APS)									
Creutzfeldt-Jakob disease			0.5						
Haemolytic Uraemic Syndrome			0.5						
Legionellosis		(1)	1.6						1.3
Leprosy									
Melioidosis									
Meningococcal infection						1.6			
Tuberculosis			1.0			4.8			1.3
Grand Total	29	175 (155)		7	41 (80)		18	68 (46)	

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]
Blood-borne diseases[2]									
Hepatitis B (newly acquired)						3.3			1.4
Hepatitis B (unspecified)			4.3		(4)	21.3		(2)	14.4
Hepatitis C (newly acquired)			7.1		(1)	8.2		(1)	5.8
Hepatitis C (unspecified)		1 (4)	65.2	2	5 (1)	65.5		(2)	15.8
Hepatitis D									
Enteric diseases									
Campylobacteriosis		5 (5)	60.9		3 (8)	60.6	1	6 (6)	86.4
Cryptosporidiosis			4.3			6.5		1 (1)	14.4
Hepatitis A			1.4						
Hepatitis E									
Listeriosis									
Paratyphoid fever									
Rotavirus		(1)	25.5			11.5	1		15.8
STEC/VTEC infection	1	1	8.5			1.6		(1)	1.4
Salmonellosis	1	6 (3)	52.4		6 (6)	63.9	1	5 (5)	72.0
Shigellosis		1 (1)	14.2		(2)	42.6		1 (2)	15.8
Typhoid									1.4
Vibrio parahaemolyticus			1.4			1.6			2.9
Yersiniosis									
Sexually transmissible infections									
Chlamydia (genital)	2	11 (21)	273.5	5	25 (26)	461.7	4	23 (24)	479.4
Gonorrhoea	1	7 (7)	130.4		1 (14)	183.4	2	20 (19)	267.8
Syphilis (congenital)									1.4
Syphilis - Infectious	1	1	14.2		1	42.6	1	2 (4)	116.6
Syphilis - Non-Infectious		(2)	7.1	1	2 (1)	52.4		2 (2)	11.5
Vaccine preventable diseases									
H. influenzae type b			1.4						
Influenza		3 (20)	1377.5	1	3 (5)	761.4		2	712.6
Measles						1.6			
Mumps						4.9			2.9
Pertussis		(1)	9.9		1 (1)	4.9			2.9
Pneumococcal infection	1	3	15.6	2	2	26.2		1 (2)	24.5
Rubella (non-congenital)								(2)	20.2
Varicella (chicken pox)			12.8		5 (2)	31.1			
Varicella (shingles)		6 (3)	58.1		1 (3)	91.7		1 (4)	57.6
Varicella (unspecified)		3	9.9	1	1	1.6		1	2.9
Vector-borne diseases									
Barmah Forest virus			1.4						1.4
Chikungunya									
Dengue fever			8.5	1	2	6.5			10.1
Malaria		1	1.4						4.3
Ross River virus			8.5		(1)	13.1			25.9
Typhus			1.4						
Zoonotic diseases									
Leptospirosis									
Q Fever			2.8						
Other diseases									
Acute post-streptococcal glomerulonephritis (APS)						1.6			
Creutzfeldt-Jakob disease									
Haemolytic Uraemic Syndrome									
Legionellosis		1	1.4						
Leprosy									
Melioidosis									
Meningococcal infection			2.8				1	1 (1)	11.5
Tuberculosis			2.8					(1)	2.9
Grand Total	7	50 (68)		13	58 (75)		10	67 (79)	

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]
Blood-borne diseases[2]						
Hepatitis B (newly acquired)			2.5	1	2 (1)	0.8
Hepatitis B (unspecified)			5.0	6	36 (28)	14.5
Hepatitis C (newly acquired)			2.5	0	2 (10)	3.4
Hepatitis C (unspecified)			39.7	16	64 (63)	27.7
Hepatitis D				0	0 (0)	0.3
Enteric diseases						
Campylobacteriosis		4 (4)	89.3	55	286 (302)	108.2
Cryptosporidiosis	1	1 (3)	89.3	2	19 (10)	5.9
Hepatitis A				0	0 (2)	0.9
Hepatitis E				0	1 (1)	0.1
Listeriosis				0	0 (0)	0.2
Paratyphoid fever				0	0 (2)	0.2
Rotavirus			2.5	8	44 (42)	16.9
STEC/VTEC infection				3	7 (5)	4.5
Salmonellosis		2 (4)	126.5	34	197 (144)	66.4
Shigellosis		5 (1)	89.3	4	27 (18)	12.1
Typhoid				0	1 (0)	0.6
Vibrio parahaemolyticus				0	0 (0)	0.6
Yersiniosis				0	1 (0)	0.7
Sexually transmissible infections						
Chlamydia (genital)	4	27 (40)	1165.9	193	881 (897)	365.9
Gonorrhoea	1	19 (29)	704.5	41	262 (306)	122.4
Syphilis (congenital)				0	0 (0)	0.0
Syphilis - Infectious	3	14 (5)	196.0	17	56 (37)	18.5
Syphilis - Non-Infectious		2	12.4	2	15 (20)	6.5
Vaccine preventable diseases						
H. influenzae type b				0	0 (0)	0.1
Influenza		(21)	967.4	33	163 (343)	817.4
Measles				0	0 (7)	1.9
Mumps				1	5 (0)	1.0
Pertussis		(2)	111.6	1	10 (64)	16.8
Pneumococcal infection		1 (2)	49.6	5	19 (19)	8.1
Rubella (non-congenital)				0	0 (0)	0.0
Varicella (chicken pox)			54.6	3	33 (51)	19.2
Varicella (shingles)		4 (7)	119.1	12	132 (180)	67.8
Varicella (unspecified)		1	2.5	48	168 (124)	46.8
Vector-borne diseases						
Barmah Forest virus			5.0	0	0 (2)	0.4
Chikungunya				0	1 (0)	0.2
Dengue fever		1	9.9	6	18 (14)	10.3
Malaria				2	6 (3)	1.9
Ross River virus		(3)	14.9	7	16 (34)	13.2
Typhus				0	0 (1)	0.9
Zoonotic diseases						
Leptospirosis				0	0 (1)	0.1
Q Fever				0	0 (1)	0.2
Other diseases						
Acute post-streptococcal glomerulonephritis (APS)			17.4	0	0 (0)	0.3
Creutzfeldt-Jakob disease				0	0 (1)	0.2
Haemolytic Uraemic Syndrome				0	0 (0)	0.0
Legionellosis				0	3 (3)	1.0
Leprosy			2.5	0	0 (0)	0.0
Melioidosis			2.5	0	0 (1)	0.1
Meningococcal infection				1	3 (4)	0.8
Tuberculosis				4	13 (10)	3.5
Grand Total	9	81 (121)		505	2493 (2751)	

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

	Week Ending								Cumulative Total to end of Week 46	
	30/09	07/10	14/10	21/10	28/10	04/11	11/11	18/11	2019	2018
	Salmonella Total	30	33	49	54	51	50	62	34	1872
Serotype/Phage										
Salmonella Aberdeen									1	4
Salmonella Abony						1			1	0
Salmonella Adelaide									2	2
Salmonella Agona		1	1						9	18
Salmonella Albany									1	2
Salmonella Anatum							1		18	19
Salmonella Anatum var 15+									2	4
Salmonella Ball									1	0
Salmonella Bareilly		1							4	10
Salmonella Bleadon subsp II									1	0
Salmonella Bootle									1	0
Salmonella Bovismorbificans			2		1				16	21
Salmonella Braenderup									4	7
Salmonella Bredeney			1						2	1
Salmonella Bukavu									1	1
Salmonella Cerro			1						1	9
Salmonella Chailey									1	0
Salmonella Chester			1	1				1	19	24
Salmonella Choleraesuis					1				1	1
Salmonella Choleraesuis bv Australia									10	12
Salmonella Choleraesuis bv Decatur									4	5
Salmonella Coeln									1	0
Salmonella Corvallis				2					7	8
Salmonella Derby			1						4	4
Salmonella Eastbourne							1		5	2
Salmonella Emek									1	0
Salmonella Enteritidis	3	9	3	3	6	5	4		185	159
Salmonella Fremantle subsp II							1		5	4
Salmonella Galiema									2	0
Salmonella Give									3	2
Salmonella Give var 15+									1	0
Salmonella Hadar									1	3
Salmonella Havana			1				1		9	12
Salmonella Heidelberg			1						9	1
Salmonella Houten subsp IV									2	3
Salmonella Hvittingfoss									5	30
Salmonella Infantis						3			22	22
Salmonella Javiana				1					12	9
Salmonella Johannesburg	1				1				3	4
Salmonella Kentucky							1	1	20	29
Salmonella Kiambu			1				2		7	3
Salmonella Kottbus									1	4
Salmonella Lansing									1	0
Salmonella Lexington									1	1
Salmonella Litchfield									3	2
Salmonella Livingstone					1				1	2
Salmonella London									2	2
Salmonella Mbandaka				1		1			6	5
Salmonella Mississippi									1	2

Weekly Report for period 24-SEP-19 to 18-NOV-19

	30/09	07/10	14/10	21/10	28/10	04/11	11/11	18/11	Cumulative Total to end of Week 46	
									2019	2018
Salmonella Total	30	33	49	54	51	50	62	34	1872	1836
Serotype/Phage										
Salmonella Montevideo									2	0
Salmonella Muenchen							1		30	21
Salmonella Muenster									1	4
Salmonella Newport	1	1	1						25	25
Salmonella Ohio									1	1
Salmonella Oranienburg									7	6
Salmonella Orientalis									1	3
Salmonella Orion									2	6
Salmonella Oslo									2	2
Salmonella Papuana									1	0
Salmonella Paratyphi B bv Java	2	2	2		1	1			75	62
Salmonella Poona									3	13
Salmonella Potsdam									4	6
Salmonella Reading									7	2
Salmonella Rissen									4	1
Salmonella Rottneest									1	0
Salmonella Saintpaul	2			2	1	1			38	64
Salmonella Schwarzengrund									5	4
Salmonella Senftenberg		1			1				5	1
Salmonella Senftenberg z27 phase									1	1
Salmonella Singapore		1		1					4	14
Salmonella Stanley	2	1	2				3	1	42	31
Salmonella Tennessee									2	0
Salmonella Thompson					1				4	2
Salmonella Typhimurium	16	14	24	34	28	29	35	13	954	949
Salmonella Uganda									1	0
Salmonella Urbana									2	1
Salmonella Virchow				1	1	1			27	20
Salmonella Wandsbek subsp II									3	5
Salmonella Wangata					1				2	0
Salmonella Welikade	1					1			5	5
Salmonella Weltevreden		1	4	4	4	2			28	27
Salmonella Weltevreden var 15+									2	1
Salmonella species	2	1	3	4	3	5	12	18	145	90
Salmonella subsp 1 ser 4,5,12:-:-									1	0
Salmonella subsp 1 ser 4,5:d:-									5	0
Salmonella subsp 1 ser 6,7:d:-									1	0
Salmonella subsp I									2	3
Salmonella subsp I ser 16:l,v:-									2	6
Salmonella subsp I ser 4,5:-:- non-motile									2	0
Salmonella subsp I ser 6,8:e,h:-									1	0
Salmonella subsp IIIb 61:l,v:z35									1	4
Salmonella subsp IIIb 61:z52:z53									1	3