



## Department of Health

### STATEWIDE NOTIFIABLE DISEASES WEEKLY REPORT

Epidemiology & Surveillance Program  
Communicable Disease Control Directorate

Report for eight week period 13-NOV-18 to 07-JAN-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](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 1			Total Last 4 Weeks	Mean of 15 x 4 week periods[3]	Ratio [4]
	19/11	26/11	03/12	10/12	17/12	24/12	31/12	07/01	2019	2018	2017			
	<b>Blood-borne diseases[2]</b>													
Hepatitis B (newly acquired)		2			1	2			0	0	1	3	1.5	2.0
Hepatitis B (unspecified)	7	11	11	5	9	16	3	4	4	4	3	32	39.4	0.8
Hepatitis C (newly acquired)	4	4	3	2	4	3	1	3	3	2	0	11	11.0	1.0
Hepatitis C (unspecified)	14	24	18	16	10	20	7	6	6	9	16	43	73.4	0.6
Hepatitis D		1							0	0	0	0	0.3	0.0
<b>Enteric diseases</b>														
Campylobacteriosis	82	83	81	91	58	73	50	57	57	76	86	238	257.3	0.9
Cryptosporidiosis	5	1	2	2	2	3	2	5	5	5	8	12	23.3	0.5
Hepatitis A	1			1				1	0	0	0	1	1.2	0.8
Hepatitis E									0	0	0	0	0.1	0.0
Listeriosis			1						0	0	1	0	0.5	0.0
Paratyphoid fever				1					0	1	0	0	1.0	0.0
Rotavirus	10	8	7	8	8	2	3		0	9	13	13	31.9	0.4
STEC/VTEC infection	1	6	3	8	5	1	1		0	6	2	7	3.1	2.2
Salmonellosis	32	41	60	29	26	19	20	17	17	45	57	82	157.9	0.5
Shigellosis	4	3	3	4	5	3	12	4	4	11	3	24	12.1	2.0
Typhoid			1						0	1	0	0	1.4	0.0
Vibrio parahaemolyticus								1	1	1	0	1	1.9	0.5
Yersiniosis		1			1				0	0	0	1	0.9	1.2
<b>Sexually transmissible infections</b>														
Chlamydia (genital)	209	233	235	225	218	189	86	142	142	216	224	635	852.9	0.7
Gonorrhoea	84	64	71	82	70	61	41	45	45	68	73	217	209.9	1.0
Syphilis (congenital)			1						0	0	0	0	0.0	0.0
Syphilis - Infectious	9	8	15	18	13	8	4	3	3	4	8	28	16.3	1.7
Syphilis - Non-Infectious	7	1	6	1	5	2	1	1	1	1	3	9	8.5	1.1
<b>Vaccine preventable diseases</b>														
Diphtheria									0	0	0	0	0.1	0.0
H. influenzae type b									0	0	0	0	0.1	0.0
Influenza	77	70	92	120	89	64	67	62	62	53	44	282	149.2	1.9
Measles	1		1	1		1	1		0	1	2	2	2.3	0.9
Mumps									0	1	0	0	16.3	0.0
Pertussis	16	32	18	15	11	8	5	5	5	36	36	29	137.3	0.2
Pneumococcal infection	6	3	4	3	4				2	6	0	6	9.6	0.6
Rubella (non-congenital)								1	0	0	0	1	0.0	0.0
Tetanus									0	0	0	0	0.0	0.0
Varicella (chicken pox)	11	11	14	9	13	9	8	2	2	12	17	32	36.4	0.9
Varicella (shingles)	55	34	44	40	46	27	27	6	6	40	40	106	127.9	0.8
Varicella (unspecified)	36	29	37	28	28	38	26	42	42	28	23	134	116.1	1.2
<b>Vector-borne diseases</b>														
Barmah Forest virus									0	0	0	0	3.4	0.0
Chikungunya									0	0	2	0	1.3	0.0
Dengue fever	2	4	3	6	2	4	3		0	1	7	9	32.6	0.3
Japanese encephalitis virus									0	0	0	0	0.0	0.0
Malaria			1	1	1	1	1		0	1	3	3	5.4	0.6
Murray Valley encephalitis virus									0	0	0	0	0.0	0.0
Ross River virus	5	6	3	6	6	5	2	7	7	18	48	20	96.2	0.2
Typhus							1		0	1	1	1	2.1	0.5
Zika virus									0	0	0	0	0.4	0.0
<b>Zoonotic diseases</b>														
Brucellosis									0	0	0	0	0.0	0.0
Leptospirosis				1					0	0	0	0	0.1	0.0
Psittacosis									0	0	0	0	0.1	0.0
Q Fever			1		1				0	1	0	1	0.6	1.7
<b>Other diseases</b>														
Acute post-streptococcal glomerulonephritis			1						0	0	0	0	0.5	0.0
Creutzfeldt-Jakob disease									0	0	0	0	0.5	0.0
Haemolytic Uraemic Syndrome									0	0	1	0	0.2	0.0
Legionellosis	1					1			0	0	0	1	5.3	0.2
Leprosy									0	0	0	0	0.3	0.0
Melioidosis									0	0	0	0	0.7	0.0
Meningococcal infection			1		1		3		0	2	0	4	1.7	2.3
Tuberculosis	1	5	6	4	11	5	4	1	1	0	3	21	11.1	1.9
<b>Grand Total</b>	<b>680</b>	<b>685</b>	<b>744</b>	<b>727</b>	<b>648</b>	<b>565</b>	<b>381</b>	<b>415</b>						

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

Disease Category/Disease	Week Ending								Cumulative Total to end of week 1			Total Last 4 Weeks	Mean of 15 x 4 week periods[3]	Ratio [4]
	19/11	26/11	03/12	10/12	17/12	24/12	31/12	07/01	2019	2018	2017			
	<b>Blood-borne diseases[2]</b>													
Hepatitis B (newly acquired)			2			1	1		0	0	0	2	1.2	1.7
Hepatitis B (unspecified)	3	10	7	3	8	12	3	3	3	4	3	26	31.6	0.8
Hepatitis C (newly acquired)	4	1	3		2	3		3	3	2	0	8	9.1	0.9
Hepatitis C (unspecified)	12	17	15	11	8	16	6	3	3	5	12	33	54.7	0.6
Hepatitis D		1							0	0	0	0	0.3	0.0
<b>Enteric diseases</b>														
Campylobacteriosis	69	64	61	73	45	53	40	44	44	55	71	182	199.4	0.9
Cryptosporidiosis	2		1	1	1	1	2	5	5	1	8	9	15.3	0.6
Hepatitis A	1			1				1	0	0	0	1	0.9	1.2
Hepatitis E									0	0	0	0	0.1	0.0
Listeriosis			1						0	0	1	0	0.5	0.0
Paratyphoid fever				1					0	1	0	0	0.9	0.0
Rotavirus	9	5	7	7	6	2	2		0	8	11	10	25.9	0.4
STEC/VTEC infection	1	5	3	8	4	1	1		0	4	1	6	2.1	2.9
Salmonellosis	22	31	51	22	18	16	14	14	14	35	42	62	119.9	0.5
Shigellosis	3	3	2	1	3	1	7	2	2	1	0	13	4.0	3.3
Typhoid			1						0	1	0	0	1.1	0.0
Vibrio parahaemolyticus								1	1	1	0	1	1.7	0.6
Yersiniosis		1			1				0	0	0	1	0.7	1.4
<b>Sexually transmissible infections</b>														
Chlamydia (genital)	171	167	183	176	171	158	63	123	123	169	185	515	655.5	0.8
Gonorrhoea	52	49	57	59	50	49	29	41	41	37	49	169	130.5	1.3
Syphilis (congenital)			1						0	0	0	0	0.0	0.0
Syphilis - Infectious	6	8	12	8	8	6	2	1	1	3	6	17	12.9	1.3
Syphilis - Non-Infectious	7	1	5	1	3	1		1	1	1	2	5	6.8	0.7
<b>Vaccine preventable diseases</b>														
Diphtheria									0	0	0	0	0.1	0.0
Influenza	54	47	55	88	60	37	35	40	40	47	37	172	115.5	1.5
Measles	1		1	1		1			0	1	2	1	1.9	0.5
Mumps									0	1	0	0	2.3	0.0
Pertussis	12	18	16	11	8	5	5	5	5	26	28	23	96.8	0.2
Pneumococcal infection	3	2	3	2	3			1	1	2	0	4	4.9	0.8
Rubella (non-congenital)								1	0	0	0	1	0.0	0.0
Tetanus									0	0	0	0	0.0	0.0
Varicella (chicken pox)	9	8	11	8	11	7	7	2	2	9	12	27	26.6	1.0
Varicella (shingles)	44	28	37	29	34	24	17	5	5	31	26	80	96.5	0.8
Varicella (unspecified)	35	29	33	27	26	33	24	35	35	26	22	118	105.0	1.1
<b>Vector-borne diseases</b>														
Barmah Forest virus									0	0	0	0	1.3	0.0
Chikungunya									0	0	1	0	1.1	0.0
Dengue fever	2	4	3	6	2	4	1		0	1	6	7	25.9	0.3
Japanese encephalitis virus									0	0	0	0	0.0	0.0
Malaria				1	1	1	1		0	1	2	3	4.5	0.7
Murray Valley encephalitis virus									0	0	0	0	0.0	0.0
Ross River virus	5	3	1	3	3	3	1	5	5	14	23	12	58.4	0.2
Typhus									0	1	0	0	1.7	0.0
Zika virus									0	0	0	0	0.3	0.0
<b>Zoonotic diseases</b>														
Leptospirosis				1					0	0	0	0	0.1	0.0
Q Fever			1						0	0	0	0	0.1	0.0
<b>Other diseases</b>														
Creutzfeldt-Jakob disease									0	0	0	0	0.3	0.0
Legionellosis						1			0	0	0	1	3.5	0.3
Leprosy									0	0	0	0	0.1	0.0
Melioidosis									0	0	0	0	0.4	0.0
Meningococcal infection					1		1		0	1	0	2	1.1	1.8
Tuberculosis	1	5	5	3	11	4	4	1	1	0	3	20	9.5	2.1
<b>Grand Total</b>	<b>528</b>	<b>509</b>	<b>576</b>	<b>552</b>	<b>489</b>	<b>440</b>	<b>267</b>	<b>335</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)		1 (1)						1	
Hepatitis B (unspecified)	2	11 (7)	0.3		4 (7)		1	11 (9)	0.1
Hepatitis C (newly acquired)	1	3	0.1		2 (3)		2	3 (5)	0.3
Hepatitis C (unspecified)	2	8 (10)	0.3		13 (16)		1	12 (10)	0.1
<b>Enteric diseases</b>									
Campylobacteriosis	17	66 (68)	2.2	14	63 (55)	2.0	13	53 (71)	1.7
Cryptosporidiosis	2	3 (1)	0.3	1	2	0.1	2	4 (1)	0.3
Hepatitis A					1				
Rotavirus		2 (16)			6 (8)			2 (5)	
STEC/VTEC infection		2 (4)			1 (1)			3 (5)	
Salmonellosis	8	30 (43)	1.0	1	14 (33)	0.1	5	18 (50)	0.7
Shigellosis		3 (2)			3		2	7 (2)	0.3
Vibrio parahaemolyticus				1	1 (2)	0.1			
Yersiniosis		1							
<b>Sexually transmissible infections</b>									
Chlamydia (genital)	30	152 (191)	3.8	42	177 (213)	6.0	51	186 (209)	6.7
Gonorrhoea	10	55 (26)	1.3	11	44 (34)	1.6	20	70 (55)	2.6
Syphilis - Infectious		5 (4)			4 (5)		1	8 (5)	0.1
Syphilis - Non-Infectious		3 (2)					1	2 (2)	0.1
<b>Vaccine preventable diseases</b>									
Influenza	13	68 (70)	1.7	19	65 (54)	2.7	8	39 (41)	1.1
Measles								1	
Pertussis	2	6 (41)	0.3	3	13 (24)	0.4		4 (22)	
Pneumococcal infection		1 (1)					1	3 (1)	0.1
Rubella (non-congenital)								1	
Varicella (chicken pox)		9 (13)		1	13 (5)	0.1	1	5 (8)	0.1
Varicella (shingles)	1	37 (32)	0.1	3	28 (30)	0.4	1	15 (27)	0.1
Varicella (unspecified)	12	42 (37)	1.5	15	48 (35)	2.1	8	28 (31)	1.1
<b>Vector-borne diseases</b>									
Dengue fever		4 (1)			3				
Malaria					2			1 (1)	
Ross River virus	2	3 (6)	0.3	2	5 (16)	0.3	1	4 (14)	0.1
Typhus									
<b>Zoonotic diseases</b>									
Q Fever									
<b>Other diseases</b>									
Legionellosis		1							
Meningococcal infection		1			1 (2)				
Tuberculosis		6 (7)		1	5 (3)	0.1		9 (4)	
<b>Grand Total</b>	<b>102</b>	<b>523 (583)</b>		<b>114</b>	<b>518 (546)</b>		<b>119</b>	<b>490 (578)</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)									
Hepatitis B (unspecified)		3			1 (1)				
Hepatitis C (newly acquired)		1			2				
Hepatitis C (unspecified)	1	2 (7)	0.5				1	2 (1)	1.3
<b>Enteric diseases</b>									
Campylobacteriosis	4	25 (27)	2.1	1	4 (8)	1.6	2	6 (11)	2.5
Cryptosporidiosis		1 (1)							
Hepatitis A									
Rotavirus		1			1				
STEC/VTEC infection		1							
Salmonellosis		3 (10)		1	1 (4)	1.6		2 (2)	
Shigellosis	1	1	0.5						
Vibrio parahaemolyticus									
Yersiniosis									
<b>Sexually transmissible infections</b>									
Chlamydia (genital)	13	26 (36)	6.8		7 (14)		1	10 (11)	1.3
Gonorrhoea	2	5 (9)	1.0		1			1 (5)	
Syphilis - Infectious				1	1	1.6		1	
Syphilis - Non-Infectious									
<b>Vaccine preventable diseases</b>									
Influenza	4	20 (9)	2.1	6	10 (4)	9.5	2	6	2.5
Measles		1							
Pertussis		3 (21)							
Pneumococcal infection							1	1	1.3
Rubella (non-congenital)									
Varicella (chicken pox)		2 (4)			1 (1)			1 (1)	
Varicella (shingles)		9 (15)		1	10 (3)	1.6		4 (2)	
Varicella (unspecified)	5	5	2.6		2 (2)				
<b>Vector-borne diseases</b>									
Dengue fever		2							
Malaria									
Ross River virus	2	5 (8)	1.0		1				
Typhus		1							
<b>Zoonotic diseases</b>									
Q Fever									
<b>Other diseases</b>									
Legionellosis									
Meningococcal infection									
Tuberculosis		1 (1)							
<b>Grand Total</b>	<b>32</b>	<b>118 (148)</b>		<b>10</b>	<b>42 (37)</b>		<b>7</b>	<b>34 (33)</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)								1	
Hepatitis B (unspecified)					1				
Hepatitis C (newly acquired)									
Hepatitis C (unspecified)		1 (2)			2 (1)				
<b>Enteric diseases</b>									
Campylobacteriosis		3 (6)		1	2 (3)	1.6	2	2 (5)	2.9
Cryptosporidiosis								1	
Hepatitis A									
Rotavirus									
STEC/VTEC infection									
Salmonellosis		4 (2)		1	1 (3)	1.6		2 (7)	
Shigellosis								4 (5)	
Vibrio parahaemolyticus									
Yersiniosis									
<b>Sexually transmissible infections</b>									
Chlamydia (genital)	1	16 (17)	1.4	2	11 (17)	3.3	1	22 (12)	1.4
Gonorrhoea		2 (7)			10 (10)		1	13 (7)	1.4
Syphilis - Infectious							1	6	1.4
Syphilis - Non-Infectious		2 (1)							
<b>Vaccine preventable diseases</b>									
Influenza		3 (2)		2	6 (1)	3.3	1	6 (3)	1.4
Measles									
Pertussis									
Pneumococcal infection					1 (2)				
Rubella (non-congenital)									
Varicella (chicken pox)					1				
Varicella (shingles)									
Varicella (unspecified)					1		1	3 (1)	1.4
<b>Vector-borne diseases</b>									
Dengue fever									
Malaria									
Ross River virus									
Typhus								1 (1)	
<b>Zoonotic diseases</b>									
Q Fever		1 (1)							
<b>Other diseases</b>									
Legionellosis									
Meningococcal infection					1 (1)			1	
Tuberculosis									
<b>Grand Total</b>	<b>1</b>	<b>32 (38)</b>		<b>6</b>	<b>37 (38)</b>		<b>7</b>	<b>62 (41)</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 (2)	0.0
Hepatitis B (unspecified)	1	1 (1)	2.5	4	32 (31)	0.1
Hepatitis C (newly acquired)				3	11 (8)	0.0
Hepatitis C (unspecified)		1 (3)		6	43 (53)	0.1
<b>Enteric diseases</b>						
Campylobacteriosis	1	7 (4)	2.5	57	238 (263)	2.0
Cryptosporidiosis		1 (4)		5	12 (8)	0.2
Hepatitis A				0	1 (0)	0.0
Rotavirus				0	13 (30)	0.0
STEC/VTEC infection				0	7 (13)	0.0
Salmonellosis		5 (8)		17	82 (170)	0.6
Shigellosis	1	6 (12)	2.5	4	24 (27)	0.1
Vibrio parahaemolyticus				1	1 (5)	0.0
Yersiniosis				0	1 (0)	0.0
<b>Sexually transmissible infections</b>						
Chlamydia (genital)		21 (46)		142	635 (769)	5.0
Gonorrhoea		14 (48)		45	217 (207)	1.6
Syphilis - Infectious		2 (1)		3	28 (18)	0.1
Syphilis - Non-Infectious				1	9 (15)	0.0
<b>Vaccine preventable diseases</b>						
Influenza	6	55 (27)	14.9	62	282 (215)	2.2
Measles				0	2 (1)	0.0
Pertussis		1		5	29 (121)	0.2
Pneumococcal infection				2	6 (11)	0.1
Rubella (non-congenital)				0	1 (0)	0.0
Varicella (chicken pox)				2	32 (36)	0.1
Varicella (shingles)		2 (3)		6	106 (117)	0.2
Varicella (unspecified)				42	134 (110)	1.5
<b>Vector-borne diseases</b>						
Dengue fever				0	9 (6)	0.0
Malaria				0	3 (1)	0.0
Ross River virus		1		7	20 (47)	0.2
Typhus				0	1 (2)	0.0
<b>Zoonotic diseases</b>						
Q Fever				0	1 (1)	0.0
<b>Other diseases</b>						
Legionellosis				0	1 (1)	0.0
Meningococcal infection				0	4 (6)	0.0
Tuberculosis				1	21 (19)	0.0
<b>Grand Total</b>	<b>9</b>	<b>117 (157)</b>		<b>417</b>	<b>2012 (2326)</b>	

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

Salmonella	Week Ending								Cumulative Total to end of Week 1	
	19/11	26/11	03/12	10/12	17/12	24/12	31/12	07/01	2019	2018
	<b>Salmonella Total</b>	<b>32</b>	<b>41</b>	<b>60</b>	<b>29</b>	<b>26</b>	<b>19</b>	<b>20</b>	<b>17</b>	<b>17</b>
<b>Serotype/Phage</b>										
Salmonella Agona				1					0	3
Salmonella Albany			1						0	0
Salmonella Anatum var 15+						1			0	0
Salmonella Bahrenfeld	1								0	0
Salmonella Ball			1						0	0
Salmonella Bareilly		1							0	0
Salmonella Bovismorbificans				1					0	0
Salmonella Braenderup						1			0	0
Salmonella Bredeney		1	1						0	0
Salmonella Chailey							1		0	0
Salmonella Chester		2							0	0
Salmonella Choleraesuis bv Decatur						1			0	0
Salmonella Eastbourne			1						0	0
Salmonella Enteritidis	4	6	1	2	4	1			0	5
Salmonella Havana	1						1		0	0
Salmonella Heidelberg				2					0	0
Salmonella Houten subsp IV						1			0	0
Salmonella Hvittingfoss	1	1			1				0	0
Salmonella Infantis	1	1							0	1
Salmonella Irumu	1								0	0
Salmonella Johannesburg				1	1				0	0
Salmonella Kentucky					1	1	1		0	1
Salmonella Mbandaka	1		1						0	0
Salmonella Muenchen		1				1			0	0
Salmonella Muenster		1							0	0
Salmonella Newport			1	2	1	1			0	0
Salmonella Ohlstedt			1						0	0
Salmonella Oranienburg		1	1						0	0
Salmonella Orientalis			1						0	0
Salmonella Paratyphi B bv Java			3	1					0	2
Salmonella Poona			1						0	0
Salmonella Ramatgan	1								0	0
Salmonella Rissen			1						0	1
Salmonella Sachsenwald subsp IV	1								0	0
Salmonella Saintpaul	2	1	1		1		2		0	5
Salmonella Singapore								1	1	0
Salmonella Stanley		2		1					0	0
Salmonella Typhimurium	17	16	40	14	13	7	13	4	4	17
Salmonella Virchow				1			2		0	2
Salmonella Waycross						1			0	0
Salmonella Welikade			1	1		1			0	1
Salmonella Weltevreden				1	1	1			0	1
Salmonella Weltevreden var 15+		1							0	0
Salmonella species	1	6	3	1	3	1		12	12	2