



## Department of Health

### STATEWIDE NOTIFIABLE DISEASES WEEKLY REPORT

Epidemiology & Surveillance Program  
Communicable Disease Control Directorate

Report for eight week period 11-DEC-21 to 04-FEB-22

#### **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 5			Total Last 4 Weeks	Mean of 15 x 4 week periods[3]	Ratio [4]
	17/12	24/12	31/12	07/01	14/01	21/01	28/01	04/02	2022	2021	2020			
	<b>Blood-borne diseases[2]</b>													
Hepatitis B (unspecified)	4	11	4	3	9	13	6	11	42	31	46	39	36.2	1.1
Hepatitis C (newly acquired)	1	1			1	1			2	4	7	2	7.8	0.3
Hepatitis C (unspecified)	19	25	11	11	15	23	12	16	77	79	77	66	71.7	0.9
Hepatitis D	1							1	1	0	0	1	0.5	1.9
<b>Enteric diseases</b>														
Campylobacteriosis	86	70	54	85	72	68	59	58	342	359	379	257	270.2	1.0
Cryptosporidiosis	4	6	3	6	3	3	4	6	22	12	121	16	37.9	0.4
Hepatitis A									0	0	1	0	1.3	0.0
Listeriosis									0	1	0	0	0.7	0.0
Rotavirus	35	22	14	20	11	6	11	6	54	10	29	34	22.9	1.5
STEC/VTEC infection	2	1		6	1	1	1	5	14	16	19	8	9.9	0.8
Salmonellosis	19	13	16	27	15	23	27	17	109	139	259	82	180.0	0.5
Shigellosis	4	1	2	2	3	1	1	1	8	9	52	6	24.7	0.2
Typhoid								1	1	1	1	1	1.6	0.6
Vibrio parahaemolyticus	1		1	2					2	2	1	0	1.7	0.0
Yersiniosis	3	1					1	2	3	2	3	3	1.1	2.8
<b>Sexually transmissible infections</b>														
Chancroid									0	1	0	0	0.1	0.0
Chlamydia (genital)	172	186	108	204	261	221	182	192	1060	1034	1181	856	906.2	0.9
Gonorrhoea	47	44	32	61	64	63	47	38	273	263	441	212	282.6	0.8
Syphilis (congenital)					1			1	2	0	0	2	0.0	0.0
Syphilis - Infectious	25	16	8	23	27	18	25	39	132	81	69	109	42.9	2.5
Syphilis - Non-Infectious	8	5	3	1	4	4	2	1	12	18	21	11	15.1	0.7
<b>Vaccine preventable diseases</b>														
H. influenzae type b									0	0	0	0	0.1	0.0
Influenza	1	1				1	1		2	3	560	2	247.4	0.0
Mumps									0	0	2	0	1.7	0.0
Pertussis			1	1	1		1		3	5	45	2	60.6	0.0
Pneumococcal infection	3	5	1	1	3	2		1	7	7	14	6	9.3	0.6
Rubella (non-congenital)									0	0	0	0	0.1	0.0
Tetanus									0	0	0	0	0.1	0.0
Varicella (chicken pox)	4	12	12	8	2	2	5	5	22	28	60	14	42.4	0.3
Varicella (shingles)	56	47	33	46	54	48	35	29	212	293	234	166	180.4	0.9
Varicella (unspecified)	48	47	43	39	48	60	52	66	265	149	130	226	115.6	2.0
<b>Vector-borne diseases</b>														
Barmah Forest virus	3	2				2			2	3	2	2	1.8	1.1
Malaria					1				1	2	9	1	4.6	0.2
Ross River virus	16	13	10	17	31	20	22	25	115	135	35	98	68.3	1.4
Typhus	1	2	1		2			1	3	3	6	3	2.6	1.2
<b>Zoonotic diseases</b>														
Leptospirosis									0	1	0	0	0.5	0.0
Q Fever			1						0	0	0	0	0.7	0.0
<b>Other diseases</b>														
Acute post-streptococcal glomerulonephritis				1			1		2	0	0	1	0.9	1.1
Amoebic meningitis									0	0	0	0	0.0	0.0
COVID-19	2	18	26	61	31	16	4	7	119	36	0	58	6.9	8.4
Creutzfeldt-Jakob disease		1							0	0	0	0	0.5	0.0
Haemolytic Uraemic Syndrome									0	0	1	0	0.3	0.0
Legionellosis	4	2	2	2	2	1	1		6	2	4	4	2.9	1.4
Leprosy					1				1	0	0	1	0.1	7.5
Melioidosis									0	0	1	0	0.4	0.0
Meningococcal infection									2	2	2	0	2.4	0.0
RSV	95	96	134	135	98	72	79	69	453	2	0	318	0.1	*****
Tuberculosis	5	6	4			2	1	2	5	11	10	5	10.9	0.5
iGAS	2	4	3	3	4	2	6	3	18	0	0	15	0.0	0.0
<b>Grand Total</b>	<b>671</b>	<b>659</b>	<b>528</b>	<b>767</b>	<b>765</b>	<b>673</b>	<b>586</b>	<b>603</b>						

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

Disease Category/Disease	Week Ending								Cumulative Total to end of week 5			Total Last 4 Weeks	Mean of 15 x 4 week periods[3]	Ratio [4]
	17/12	24/12	31/12	07/01	14/01	21/01	28/01	04/02	2022	2021	2020			
	<b>Blood-borne diseases[2]</b>													
Hepatitis B (unspecified)	3	6	1	2	6	9	6	9	32	22	40	30	29.5	1.0
Hepatitis C (newly acquired)	1				1	1			2	4	4	2	6.2	0.3
Hepatitis C (unspecified)	11	17	10	10	11	18	8	12	59	60	54	49	51.6	0.9
Hepatitis D	1							1	1	0	0	1	0.5	1.9
<b>Enteric diseases</b>														
Campylobacteriosis	62	53	39	69	57	60	50	44	280	302	314	211	215.5	1.0
Cryptosporidiosis	2	2		4		3	3	4	14	9	111	10	31.2	0.3
Hepatitis A									0	0	1	0	1.3	0.0
Listeriosis									0	0	0	0	0.5	0.0
Rotavirus	29	18	11	16	9	6	10	6	47	9	25	31	19.5	1.6
STEC/VTEC infection	2	1		4		1		5	10	11	14	6	7.3	0.8
Salmonellosis	11	8	12	20	13	14	23	15	85	103	189	65	140.3	0.5
Shigellosis	2	1	1	1	3	1	1		6	2	34	5	12.1	0.4
Typhoid								1	1	0	1	1	1.5	0.7
Vibrio parahaemolyticus	1		1	2					2	2	1	0	1.7	0.0
Yersiniosis	3	1				1	2		3	2	3	3	0.9	3.2
<b>Sexually transmissible infections</b>														
Chlamydia (genital)	144	143	88	166	202	173	144	162	847	808	929	681	711.9	1.0
Gonorrhoea	29	29	17	41	44	42	24	26	177	147	311	136	186.7	0.7
Syphilis (congenital)									0	0	0	0	0.0	0.0
Syphilis - Infectious	15	10	4	17	18	14	18	32	99	39	39	82	26.8	3.1
Syphilis - Non-Infectious	3		2		2	1		1	4	15	18	4	12.1	0.3
<b>Vaccine preventable diseases</b>														
Influenza		1						1	1	3	486	1	191.0	0.0
Pertussis			1		1		1		2	4	39	2	45.6	0.0
Pneumococcal infection	2	3	1		2	2			4	2	8	4	5.3	0.8
Rubella (non-congenital)									0	0	0	0	0.1	0.0
Tetanus									0	0	0	0	0.1	0.0
Varicella (chicken pox)	4	8	12	8	2	2	3	4	19	22	40	11	30.1	0.4
Varicella (shingles)	39	31	25	30	41	38	26	13	148	205	173	118	128.2	0.9
Varicella (unspecified)	45	43	40	38	45	54	45	60	242	142	125	204	111.0	1.8
<b>Vector-borne diseases</b>														
Barmah Forest virus	1								0	0	1	0	0.3	0.0
Malaria					1				1	1	7	1	3.9	0.3
Ross River virus	10	7	8	10	17	8	16	16	67	63	22	57	37.5	1.5
Typhus	1	1			1				1	0	4	1	1.3	0.8
<b>Zoonotic diseases</b>														
Q Fever									0	0	0	0	0.1	0.0
<b>Other diseases</b>														
Acute post-streptococcal glomerulonephritis									0	0	0	0	0.0	0.0
COVID-19	2	14	13	42	23	8	1		74	15	0	32	3.6	8.9
Creutzfeldt-Jakob disease		1							0	0	0	0	0.3	0.0
Haemolytic Uraemic Syndrome									0	0	0	0	0.1	0.0
Legionellosis	3	2	1	1	2				3	2	2	2	2.0	1.0
Leprosy					1				1	0	0	1	0.1	15.0
Melioidosis									0	0	0	0	0.1	0.0
Meningococcal infection		1	1	2					2	1	1	0	1.5	0.0
RSV	64	56	93	91	63	33	38	35	260	0	0	169	0.0	0.0
Tuberculosis	4	5	4			1		2	3	11	10	3	9.7	0.3
iGAS	1	3	3	1	2	1	4	2	10	0	0	9	0.0	0.0
<b>Grand Total</b>	<b>495</b>	<b>465</b>	<b>388</b>	<b>575</b>	<b>567</b>	<b>490</b>	<b>423</b>	<b>452</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 (unspecified)	1	7 (7)	0.9	2	5 (5)	1.0	6	18 (8)	2.4
Hepatitis C (newly acquired)		1	0.1					1 (2)	0.1
Hepatitis C (unspecified)	1	5 (12)	0.8	2	12 (13)	2.7	9	32 (30)	4.7
Hepatitis D	1	1	0.1						
<b>Enteric diseases</b>									
Campylobacteriosis	15	76 (73)	13.4	13	61 (79)	13.1	16	74 (70)	12.6
Cryptosporidiosis	1	1	0.5		1 (4)	0.3	3	8 (2)	1.1
Rotavirus	1	5 (1)	1.1	3	14 (3)	3.1	2	12 (4)	2.4
STEC/VTEC infection				3	4	0.6	2	2 (4)	0.8
Salmonellosis	2	17 (28)	3.7	7	22 (23)	3.9	6	26 (32)	4.3
Shigellosis		2	0.4		2	0.3		1 (1)	0.1
Typhoid							1	1	0.1
Vibrio parahaemolyticus									0.3
Yersiniosis				1	1 (1)	0.1	1	2	0.3
<b>Sexually transmissible infections</b>									
Chlamydia (genital)	63	227 (208)	36.7	44	186 (189)	35.8	55	268 (263)	45.5
Gonorrhoea	5	40 (40)	6.8	11	34 (31)	7.0	10	62 (52)	10.8
Syphilis (congenital)									
Syphilis - Infectious	7	21 (5)	3.1	7	16 (10)	3.1	18	45 (14)	7.4
Syphilis - Non-Infectious		2 (5)	0.3				1	2 (3)	0.3
<b>Vaccine preventable diseases</b>									
Influenza		1 (1)	0.1						
Pertussis		1 (1)	0.1		1 (1)	0.1			
Pneumococcal infection		1	0.1		1	0.1		2 (1)	0.3
Varicella (chicken pox)	1	2 (8)	0.5	2	4 (7)	1.2	1	5 (4)	0.9
Varicella (shingles)	5	36 (68)	6.2	7	44 (50)	8.8	1	38 (47)	5.8
Varicella (unspecified)	22	65 (43)	10.3	21	76 (41)	13.1	17	63 (31)	10.6
<b>Vector-borne diseases</b>									
Barmah Forest virus									
Malaria								1 (1)	0.1
Ross River virus	5	9 (21)	1.2	7	27 (20)	4.8	4	21 (11)	3.5
Typhus								1	0.1
<b>Other diseases</b>									
Acute post-streptococcal glomerulonephritis (APS)									
COVID-19		10 (4)	2.6		7 (2)	4.0		15 (7)	3.8
Legionellosis		1 (1)	0.3					1	0.1
Leprosy								1	0.1
Meningococcal infection						0.1		(1)	0.1
RSV	10	40	8.1	11	65	14.6	14	64	13.8
Tuberculosis	1	1 (2)	0.1	1	1 (3)	0.1		1 (4)	0.1
iGAS	1	4	0.5		2	0.4	1	3	0.4
<b>Grand Total</b>	<b>142</b>	<b>576 (528)</b>		<b>142</b>	<b>586 (482)</b>		<b>168</b>	<b>770 (592)</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 (unspecified)		3 (3)	1.6				1	1 (1)	2.7
Hepatitis C (newly acquired)									
Hepatitis C (unspecified)		5 (4)	2.7	1	3	4.9		1 (1)	2.7
Hepatitis D									
<b>Enteric diseases</b>									
Campylobacteriosis	4	23 (12)	17.4	2	6 (10)	16.3	1	4 (2)	5.4
Cryptosporidiosis		1 (1)	1.1	1	1 (1)	1.6			
Rotavirus		1	1.1		(1)	3.3		1	2.7
STEC/VTEC infection		1 (2)	0.5						1.3
Salmonellosis	2	6 (7)	4.9		1	1.6		(4)	1.3
Shigellosis									
Typhoid									
Vibrio parahaemolyticus									
Yersiniosis									
<b>Sexually transmissible infections</b>									
Chlamydia (genital)	4	31 (52)	20.1	1	8 (12)	14.6	1	10 (14)	18.8
Gonorrhoea	2	6 (4)	3.3			1.6		2 (3)	2.7
Syphilis (congenital)									
Syphilis - Infectious		1 (2)	1.1		1	1.6		1 (1)	1.3
Syphilis - Non-Infectious		1	0.5						
<b>Vaccine preventable diseases</b>									
Influenza		1	0.5						
Pertussis									
Pneumococcal infection				1	1	1.6			
Varicella (chicken pox)		1 (1)	0.5						
Varicella (shingles)	11	26 (27)	17.9	1	3 (14)	6.5	2	3 (9)	6.7
Varicella (unspecified)				1	6	11.4	3	5 (2)	6.7
<b>Vector-borne diseases</b>									
Barmah Forest virus									
Malaria									
Ross River virus	6	16 (16)	10.3	2	14 (16)	27.7	1	5 (5)	6.7
Typhus	1	1	0.5		1 (1)	1.6			
<b>Other diseases</b>									
Acute post-streptococcal glomerulonephritis (APS)									
COVID-19		1	0.5					1	1.3
Legionellosis			0.5						
Leprosy									
Meningococcal infection									
RSV	5	43	30.4	2	12	24.4	2	2	8.1
Tuberculosis									
iGAS		2	1.6		2	3.3			
<b>Grand Total</b>	<b>35</b>	<b>170 (131)</b>		<b>12</b>	<b>59 (55)</b>		<b>11</b>	<b>36 (42)</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 (unspecified)		2	3.4				1	3 (2)	5.1
Hepatitis C (newly acquired)									
Hepatitis C (unspecified)	1	2 (2)	3.4	1 (4)	2.0		1	3	5.1
Hepatitis D									
<b>Enteric diseases</b>									
Campylobacteriosis	1	1 (5)	1.7	2 (4)	4.0		5	8 (6)	16.9
Cryptosporidiosis							1	3	5.1
Rotavirus									
STEC/VTEC infection				1 (1)	2.0				
Salmonellosis		1	3.4					6 (5)	10.2
Shigellosis									
Typhoid									
Vibrio parahaemolyticus									
Yersiniosis									
<b>Sexually transmissible infections</b>									
Chlamydia (genital)	6	24 (26)	47.2	3	22 (25)	57.4	3	22 (25)	49.1
Gonorrhoea	1	6 (8)	13.5	2	13 (25)	31.7	1	19 (22)	37.2
Syphilis (congenital)				1	1	2.0		1	1.7
Syphilis - Infectious	1	4 (5)	8.4	1	5 (4)	11.9	2	8 (7)	16.9
Syphilis - Non-Infectious				4	7.9			1 (1)	1.7
<b>Vaccine preventable diseases</b>									
Influenza									
Pertussis			1.7						
Pneumococcal infection				1	4.0				
Varicella (chicken pox)				1	2 (1)	4.0			
Varicella (shingles)		2	5.1	1	6 (6)	17.8		(6)	1.7
Varicella (unspecified)	1	10 (1)	16.8				1	1	1.7
<b>Vector-borne diseases</b>									
Barmah Forest virus								1	1.7
Malaria									
Ross River virus		3	5.1	(10)	2.0			2	3.4
Typhus									
<b>Other diseases</b>									
Acute post-streptococcal glomerulonephritis (APS)									
COVID-19	3	3	5.1						
Legionellosis		1	1.7						
Leprosy									
Meningococcal infection									
RSV	6	31	72.4	1	4	7.9	9	33	69.4
Tuberculosis		1	1.7						
iGAS								1	1.7
<b>Grand Total</b>	<b>20</b>	<b>91 (47)</b>		<b>10</b>	<b>62 (80)</b>		<b>24</b>	<b>112 (74)</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 (unspecified)				11	39 (29)	1.6
Hepatitis C (newly acquired)				0	2 (4)	0.1
Hepatitis C (unspecified)		1 (5)	2.9	16	66 (71)	2.9
Hepatitis D				1	1 (0)	0.0
<b>Enteric diseases</b>						
Campylobacteriosis		(2)	2.9	58	257 (265)	12.8
Cryptosporidiosis		1 (1)	5.8	6	16 (9)	0.8
Rotavirus		1	2.9	6	34 (9)	2.0
STEC/VTEC infection			2.9	5	8 (10)	0.5
Salmonellosis		2 (9)	11.6	17	82 (111)	4.1
Shigellosis	1	1 (3)	5.8	1	6 (7)	0.3
Typhoid				1	1 (1)	0.0
Vibrio parahaemolyticus				0	0 (2)	0.1
Yersiniosis				2	3 (2)	0.1
<b>Sexually transmissible infections</b>						
Chlamydia (genital)	10	49 (30)	168.5	192	856 (851)	39.7
Gonorrhoea	6	29 (30)	116.2	38	212 (215)	10.2
Syphilis (congenital)				1	2 (0)	0.1
Syphilis - Infectious	3	6 (17)	20.3	39	109 (65)	4.9
Syphilis - Non-Infectious		1 (1)	5.8	1	11 (16)	0.4
<b>Vaccine preventable diseases</b>						
Influenza				0	2 (3)	0.1
Pertussis				0	2 (3)	0.1
Pneumococcal infection				1	6 (4)	0.3
Varicella (chicken pox)				5	14 (23)	0.8
Varicella (shingles)	1	8 (2)	23.2	29	166 (232)	7.9
Varicella (unspecified)				66	226 (121)	9.9
<b>Vector-borne diseases</b>						
Barmah Forest virus				0	2 (3)	0.1
Malaria				0	1 (2)	0.0
Ross River virus		1 (2)	2.9	25	98 (101)	4.3
Typhus				1	3 (3)	0.1
<b>Other diseases</b>						
Acute post-streptococcal glomerulonephritis (APS)		1	5.8	0	1 (0)	0.1
COVID-19				7	58 (30)	22.4
Legionellosis		1	2.9	0	4 (1)	0.2
Leprosy				0	1 (0)	0.0
Meningococcal infection				0	0 (2)	0.1
RSV	9	22	69.7	69	318 (0)	17.0
Tuberculosis				2	5 (9)	0.2
iGAS	1	1	5.8	3	15 (0)	0.7
<b>Grand Total</b>	<b>31</b>	<b>125 (102)</b>		<b>603</b>	<b>2627 (2208)</b>	

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

	Week Ending								Cumulative Total to end of Week 5	
	17/12	24/12	31/12	07/01	14/01	21/01	28/01	04/02	2022	2021
	<b>Salmonella Total</b>	<b>19</b>	<b>13</b>	<b>16</b>	<b>27</b>	<b>15</b>	<b>23</b>	<b>27</b>	<b>17</b>	<b>109</b>
<b>Serotype/Phage</b>										
Salmonella Adelaide		1							0	2
Salmonella Agona						1			1	0
Salmonella Anatum						2			2	1
Salmonella Bareilly			1						0	1
Salmonella Bovismorbificans				1					1	1
Salmonella Braenderup	1					1			1	0
Salmonella Cerro		1							0	0
Salmonella Choleraesuis bv Australia						1	1		2	2
Salmonella Eastbourne				1					1	1
Salmonella Enteritidis							1	1	2	0
Salmonella Give					2				2	2
Salmonella Give var 15+		1							0	0
Salmonella Houten subsp IV					1				1	0
Salmonella Hvitvingfoss				1					1	2
Salmonella Infantis		1	1		1				1	1
Salmonella Johannesburg	1								0	0
Salmonella Kiambu					1		2		3	0
Salmonella Lexington	1								0	0
Salmonella Litchfield				1					1	0
Salmonella Muenchen		1				1			1	2
Salmonella Newport	1	2							0	1
Salmonella Oranienburg	1					3		2	5	1
Salmonella Orion	1			1					1	0
Salmonella Paratyphi B bv Java				1					1	0
Salmonella Poona	1								0	0
Salmonella Potsdam			1				1		1	4
Salmonella Reading					1		3		4	0
Salmonella Rissen				1					1	2
Salmonella Rubislaw						1			1	1
Salmonella Ruiru							1		1	0
Salmonella Saintpaul	2		1			2			2	3
Salmonella Stanley	1			2	2		2		6	0
Salmonella Thompson						1			1	0
Salmonella Typhimurium	9	4	10	15	5	9	12	7	48	86
Salmonella Virchow				1	1				2	3
Salmonella Wandsbek subsp II					1				1	0
Salmonella Wandsworth				1					1	0
Salmonella species		1	2	1		1	4	7	13	7
Salmonella subsp 1 ser 4,5:d:-		1							0	0