



## Department of Health

### STATEWIDE NOTIFIABLE DISEASES WEEKLY REPORT

Epidemiology & Surveillance Program  
Communicable Disease Control Directorate

Report for eight week period 27-NOV-21 to 21-JAN-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 3			Total Last 4 Weeks	Mean of 15 x 4 week periods[3]	Ratio [4]
	03/12	10/12	17/12	24/12	31/12	07/01	14/01	21/01	2022	2021	2020			
	<b>Blood-borne diseases[2]</b>													
Hepatitis B (unspecified)	5	10	4	11	4	3	9	14	26	19	25	30	36.3	0.8
Hepatitis C (newly acquired)	3	3					1		1	2	2	1	8.1	0.1
Hepatitis C (unspecified)	16	16	20	26	11	11	15	24	50	53	38	61	71.9	0.8
Hepatitis D		1	1						0	0	0	0	0.3	0.0
<b>Enteric diseases</b>														
Campylobacteriosis	74	70	86	70	54	84	70	62	216	235	241	270	285.4	0.9
Cryptosporidiosis	2	8	4	6	3	5	3	2	10	7	61	13	30.7	0.4
Hepatitis A									0	0	0	0	1.1	0.0
Rotavirus	47	32	35	21	14	20	10	4	34	8	18	48	24.9	1.9
STEC/VTEC infection	5	2	2	1		5	1		6	14	7	6	10.4	0.6
Salmonellosis	15	22	17	14	15	24	18	22	64	90	138	79	179.6	0.4
Shigellosis	1	2	4	1	2	2	3	1	6	3	36	8	24.1	0.3
Typhoid									0	0	0	0	1.7	0.0
Vibrio parahaemolyticus			1		1	2			2	0	1	3	1.6	1.9
Yersiniosis	2	2	4	3		2	1	2	5	0	3	5	1.2	4.2
<b>Sexually transmissible infections</b>														
Chancroid									0	1	0	0	0.1	0.0
Chlamydia (genital)	215	228	172	186	106	204	248	186	638	682	694	744	891.6	0.8
Gonorrhoea	56	63	46	44	32	58	63	43	164	160	300	196	285.2	0.7
Syphilis (congenital)									0	0	0	0	0.1	0.0
Syphilis - Infectious	20	23	25	20	9	27	34	22	83	46	39	92	41.4	2.2
Syphilis - Non-Infectious	2	3	9	5	1	1	3		4	12	16	5	15.0	0.3
<b>Vaccine preventable diseases</b>														
H. influenzae type b									0	0	0	0	0.1	0.0
Influenza		2	1	1				1	1	1	301	1	239.5	0.0
Mumps									0	0	1	0	1.8	0.0
Pertussis		1			1	1	1		2	3	29	3	64.6	0.0
Pneumococcal infection	4	4	3	5	1	1	2	3	6	6	6	7	9.8	0.7
Rubella (non-congenital)									0	0	0	0	0.0	0.0
Tetanus									0	0	0	0	0.1	0.0
Varicella (chicken pox)	17	20	4	11	12	6	2	1	9	16	37	21	45.1	0.5
Varicella (shingles)	56	64	54	45	33	39	38	10	87	174	156	120	179.6	0.7
Varicella (unspecified)	46	69	48	48	43	41	60	87	188	92	77	231	116.1	2.0
<b>Vector-borne diseases</b>														
Barmah Forest virus	1		3	2				1	1	2	1	1	1.7	0.6
Malaria		1					1		1	1	5	1	4.0	0.3
Ross River virus	13	12	14	12	10	16	24	15	55	87	25	65	65.1	1.0
Typhus		1	1	2	1		3	1	4	2	2	5	2.5	2.0
<b>Zoonotic diseases</b>														
Leptospirosis									0	1	0	0	0.7	0.0
Q Fever					1				0	0	0	1	0.6	1.7
<b>Other diseases</b>														
Acute post-streptococcal glomerulon						1			1	0	0	1	1.1	0.9
Amoebic meningitis									0	0	0	0	0.0	0.0
COVID-19	1	1	2	18	26	61	27	14	102	24	0	128	7.2	17.8
Creutzfeldt-Jakob disease	1			1					0	0	0	0	0.3	0.0
Haemolytic Uraemic Syndrome									0	0	0	0	0.3	0.0
Legionellosis	3		4	2	2	2	2	1	5	1	2	7	3.2	2.2
Leprosy							1		1	0	0	1	0.1	7.5
Melioidosis									0	0	1	0	0.4	0.0
Meningococcal infection				1	1	1	1		2	2	1	3	2.2	1.4
RSV	71	56	94	96	134	135	96	70	301	2	0	435	0.1	*****
Tuberculosis	1	5	5	6	4			2	2	9	5	6	10.1	0.6
iGAS	1	2	2	4	3	3	4	2	9	0	0	12	0.0	0.0
<b>Grand Total</b>	<b>678</b>	<b>723</b>	<b>665</b>	<b>662</b>	<b>524</b>	<b>755</b>	<b>741</b>	<b>590</b>						

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

Disease Category/Disease	Week Ending								Cumulative Total to end of week 3			Total Last 4 Weeks	Mean of 15 x 4 week periods[3]	Ratio [4]
	03/12	10/12	17/12	24/12	31/12	07/01	14/01	21/01	2022	2021	2020			
	<b>Blood-borne diseases[2]</b>													
Hepatitis B (unspecified)	5	9	3	6	1	2	6	10	18	13	22	19	29.7	0.6
Hepatitis C (newly acquired)	3	3					1		1	2	1	1	6.5	0.2
Hepatitis C (unspecified)	13	13	12	17	10	10	11	19	40	37	26	50	51.5	1.0
Hepatitis D		1	1						0	0	0	0	0.3	0.0
<b>Enteric diseases</b>														
Campylobacteriosis	58	53	62	53	39	68	55	55	178	200	194	217	225.8	1.0
Cryptosporidiosis		6	2	2		4		1	5	7	56	5	24.6	0.2
Hepatitis A									0	0	0	0	1.1	0.0
Rotavirus	40	27	29	18	11	16	8	3	27	7	15	38	21.8	1.7
STEC/VTEC infection	4	1	2	1		4			4	10	6	4	7.9	0.5
Salmonellosis	8	17	10	8	11	17	16	14	47	71	103	58	141.7	0.4
Shigellosis	1	1	2	1	1	1	3	1	5	1	25	6	12.1	0.5
Typhoid									0	0	0	0	1.6	0.0
Vibrio parahaemolyticus			1		1	2			2	0	1	3	1.5	2.0
Yersiniosis	2	2	4	2		2	1	1	4	0	3	4	1.1	3.5
<b>Sexually transmissible infections</b>														
Chlamydia (genital)	166	177	144	143	87	166	190	144	500	539	537	587	698.5	0.8
Gonorrhoea	40	40	29	30	17	39	44	31	114	91	211	131	190.5	0.7
Syphilis (congenital)									0	0	0	0	0.1	0.0
Syphilis - Infectious	12	13	15	14	4	20	23	16	59	26	23	63	26.7	2.4
Syphilis - Non-Infectious		1	3		1		2		2	10	14	3	12.1	0.2
<b>Vaccine preventable diseases</b>														
Influenza		1		1					0	1	250	0	186.1	0.0
Pertussis		1			1		1		1	3	26	2	48.5	0.0
Pneumococcal infection		3	2	3	1		2	2	4	1	4	5	5.7	0.9
Rubella (non-congenital)									0	0	0	0	0.0	0.0
Tetanus									0	0	0	0	0.1	0.0
Varicella (chicken pox)	13	20	4	7	12	6	2		8	11	24	20	33.7	0.6
Varicella (shingles)	33	46	37	29	25	24	26	5	55	117	115	80	128.7	0.6
Varicella (unspecified)	44	64	45	44	40	40	58	81	179	88	74	219	112.0	2.0
<b>Vector-borne diseases</b>														
Barmah Forest virus			1						0	0	1	0	0.5	0.0
Malaria							1		1	0	5	1	3.4	0.3
Ross River virus	10	4	8	6	8	9	13	7	29	34	15	37	34.6	1.1
Typhus		1	1	1			2	1	3	0	2	3	1.3	2.3
<b>Zoonotic diseases</b>														
Q Fever									0	0	0	0	0.2	0.0
<b>Other diseases</b>														
Acute post-streptococcal glomerulonephritis									0	0	0	0	0.0	0.0
COVID-19	1	1	2	14	13	42	23	8	73	10	0	86	3.5	24.3
Creutzfeldt-Jakob disease	1			1					0	0	0	0	0.2	0.0
Haemolytic Uraemic Syndrome									0	0	0	0	0.2	0.0
Legionellosis	3		3	2	1	1	2		3	1	1	4	2.4	1.7
Leprosy							1		1	0	0	1	0.1	15.0
Melioidosis									0	0	0	0	0.1	0.0
Meningococcal infection				1	1	1	1		2	1	1	3	1.3	2.3
RSV	56	40	64	56	93	91	61	33	185	0	0	278	0.0	0.0
Tuberculosis	1	3	4	5	4			1	1	9	5	5	8.9	0.6
iGAS			1	3	3	1	2	1	4	0	0	7	0.0	0.0
<b>Grand Total</b>	<b>514</b>	<b>548</b>	<b>491</b>	<b>468</b>	<b>385</b>	<b>566</b>	<b>555</b>	<b>434</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	4 (3)	0.5	1	4 (4)	0.6	8	11 (7)	1.4
Hepatitis C (newly acquired)		1	0.1						
Hepatitis C (unspecified)	3	5 (11)	0.5	5	17 (12)	2.1	11	28 (24)	3.0
<b>Enteric diseases</b>									
Campylobacteriosis	14	71 (94)	8.1	21	71 (76)	9.4	20	75 (81)	7.4
Cryptosporidiosis		3	0.4		1 (3)	0.1	1	1 (5)	0.1
Rotavirus		10 (2)	0.7	2	14 (5)	1.8	1	14 (4)	1.4
STEC/VTEC infection								4 (6)	0.5
Salmonellosis	4	23 (30)	2.4	2	15 (22)	1.5	8	20 (39)	2.6
Shigellosis		3 (1)	0.3	1	2	0.3		1 (3)	0.1
Vibrio parahaemolyticus								3	0.3
Yersiniosis	1	2 (1)	0.3		1	0.1		1	0.1
<b>Sexually transmissible infections</b>									
Chlamydia (genital)	45	178 (184)	20.3	42	163 (179)	21.0	57	246 (241)	28.2
Gonorrhoea	10	40 (32)	4.6	8	26 (27)	3.7	13	65 (43)	7.4
Syphilis - Infectious	9	15 (1)	1.9	3	15 (11)	2.1	4	33 (17)	4.2
Syphilis - Non-Infectious		3 (4)	0.3						
<b>Vaccine preventable diseases</b>									
Influenza									
Pertussis		1 (1)	0.1					1	
Pneumococcal infection		2 (2)	0.1		1	0.1	2	2 (2)	0.3
Varicella (chicken pox)		5 (5)	0.3		8 (11)	0.3		7 (1)	0.5
Varicella (shingles)	2	26 (55)	2.6	1	33 (48)	3.9	2	21 (41)	1.4
Varicella (unspecified)	28	66 (43)	7.3	28	81 (48)	9.5	25	72 (24)	8.3
<b>Vector-borne diseases</b>									
Barmah Forest virus									
Malaria								1	0.1
Ross River virus		4 (13)	0.4	2	16 (16)	1.9	5	17 (10)	1.8
Typhus		1	0.1				1	2	0.3
<b>Zoonotic diseases</b>									
Q Fever									
<b>Other diseases</b>									
Acute post-streptococcal glomerulonephritis (APS)									
COVID-19	5	21 (7)	2.6	1	31 (2)	4.0	2	34 (7)	3.7
Legionellosis		2	0.3					2	0.1
Leprosy								1	0.1
Meningococcal infection					1	0.1		2 (1)	0.1
RSV	7	58	5.4	12	108	10.3	14	112	10.3
Tuberculosis							1	5 (5)	0.1
iGAS		3	0.1		1	0.1	1	3	0.3
<b>Grand Total</b>	<b>129</b>	<b>547 (489)</b>		<b>129</b>	<b>609 (464)</b>		<b>176</b>	<b>784 (561)</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)	2	3 (1)	1.6				2 (1)	1.3	
Hepatitis C (newly acquired)					1 (1)	1.6			
Hepatitis C (unspecified)	3	3 (5)	1.6				1 (2)	1.3	
<b>Enteric diseases</b>									
Campylobacteriosis	3	29 (23)	11.4	2	8 (9)	11.4	1	4 (1)	2.7
Cryptosporidiosis		4	1.1						
Rotavirus		1	0.5		3 (2)	3.3	2	2.7	
STEC/VTEC infection									
Salmonellosis	1	6 (8)	2.2				1 (4)	1.3	
Shigellosis									
Vibrio parahaemolyticus									
Yersiniosis	1	1	0.5						
<b>Sexually transmissible infections</b>									
Chlamydia (genital)	9	24 (52)	11.4	1	7 (9)	8.1	2	12 (14)	16.2
Gonorrhoea	2	4 (2)	1.1		1	1.6	2 (4)	2.7	
Syphilis - Infectious		2 (3)	1.1	1	1	1.6			
Syphilis - Non-Infectious									
<b>Vaccine preventable diseases</b>									
Influenza	1	1	0.5						
Pertussis									
Pneumococcal infection									
Varicella (chicken pox)	1	1 (2)	0.5						
Varicella (shingles)	3	19 (25)	8.2		3 (13)	4.9	3 (17)	4.0	
Varicella (unspecified)				1	4	4.9			
<b>Vector-borne diseases</b>									
Barmah Forest virus									
Malaria									
Ross River virus	2	10 (33)	4.9	5	14 (17)	21.1	1	2 (2)	2.7
Typhus					2 (1)	1.6			
<b>Zoonotic diseases</b>									
Q Fever							1		
<b>Other diseases</b>									
Acute post-streptococcal glomerulonephritis (APS)									
COVID-19									
Legionellosis		2	0.5						
Leprosy									
Meningococcal infection									
RSV	16	50 (1)	20.1	5	13	16.3	7	5.4	
Tuberculosis									
iGAS		2	1.1		1	1.6			
<b>Grand Total</b>	<b>44</b>	<b>162 (155)</b>		<b>15</b>	<b>58 (52)</b>		<b>4</b>	<b>37 (45)</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	3.4					2 (3)	3.4
Hepatitis C (newly acquired)									
Hepatitis C (unspecified)		1 (3)	1.7		1 (4)	2.0	1	3 (2)	3.4
<b>Enteric diseases</b>									
Campylobacteriosis		1 (4)		1	2 (2)	4.0		6 (1)	6.8
Cryptosporidiosis								1	1.7
Rotavirus								1	
STEC/VTEC infection					1 (1)	2.0			
Salmonellosis	1	2	3.4		1 (3)		4	5 (1)	8.5
Shigellosis								1 (1)	
Vibrio parahaemolyticus									
Yersiniosis									
<b>Sexually transmissible infections</b>									
Chlamydia (genital)	5	21 (19)	26.9	6	18 (14)	35.6	5	21 (26)	32.1
Gonorrhoea	1	5 (7)	8.4	2	8 (14)	11.9	2	10 (17)	16.9
Syphilis - Infectious		2 (1)	3.4	2	8 (3)	15.8	1	6 (5)	10.2
Syphilis - Non-Infectious									
<b>Vaccine preventable diseases</b>									
Influenza									
Pertussis		1	1.7						
Pneumococcal infection				1	2 (2)	4.0			
Varicella (chicken pox)									
Varicella (shingles)	1	3 (2)	3.4		6 (4)	7.9		2 (4)	1.7
Varicella (unspecified)	5	7 (1)	10.1						
<b>Vector-borne diseases</b>									
Barmah Forest virus							1	1	1.7
Malaria									
Ross River virus					1 (10)	2.0		1	1.7
Typhus									
<b>Zoonotic diseases</b>									
Q Fever									
<b>Other diseases</b>									
Acute post-streptococcal glomerulonephritis (APS)									
COVID-19									
Legionellosis									
Leprosy									
Meningococcal infection									
RSV	9	32 (1)	48.8	1	3	5.9	6	37	35.5
Tuberculosis									
iGAS							1	1	1.7
<b>Grand Total</b>	<b>24</b>	<b>78 (38)</b>		<b>13</b>	<b>51 (57)</b>		<b>21</b>	<b>98 (60)</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)		1 (2)		14	30 (21)	0.9
Hepatitis C (newly acquired)				0	1 (2)	0.0
Hepatitis C (unspecified)	1	1 (4)	2.9	24	61 (68)	1.9
<b>Enteric diseases</b>						
Campylobacteriosis		2 (3)	2.9	62	270 (295)	8.1
Cryptosporidiosis	1	3	5.8	2	13 (8)	0.4
Rotavirus		1	2.9	4	48 (13)	1.3
STEC/VTEC infection		1	2.9	0	6 (18)	0.2
Salmonellosis	1	5 (9)	11.6	22	79 (117)	2.4
Shigellosis		1 (2)	2.9	1	8 (9)	0.2
Vibrio parahaemolyticus				0	3 (0)	0.1
Yersiniosis				2	5 (1)	0.2
<b>Sexually transmissible infections</b>						
Chlamydia (genital)	8	41 (24)	107.5	186	744 (765)	23.9
Gonorrhoea	5	33 (34)	66.8	43	196 (181)	6.1
Syphilis - Infectious	2	8 (10)	11.6	22	92 (52)	3.1
Syphilis - Non-Infectious		2 (1)	5.8	0	5 (12)	0.1
<b>Vaccine preventable diseases</b>						
Influenza				1	1 (4)	0.0
Pertussis				0	3 (4)	0.1
Pneumococcal infection				3	7 (11)	0.2
Varicella (chicken pox)				1	21 (22)	0.3
Varicella (shingles)	1	3 (3)	8.7	10	120 (215)	3.3
Varicella (unspecified)		1 (1)		87	231 (121)	7.0
<b>Vector-borne diseases</b>						
Barmah Forest virus				1	1 (2)	0.0
Malaria				0	1 (1)	0.0
Ross River virus				15	65 (102)	2.1
Typhus				1	5 (3)	0.1
<b>Zoonotic diseases</b>						
Q Fever				0	1 (0)	0.0
<b>Other diseases</b>						
Acute post-streptococcal glomerulonephritis (APS)		1	2.9	0	1 (0)	0.0
COVID-19				14	128 (39)	9.0
Legionellosis	1	1	2.9	1	7 (1)	0.2
Leprosy				0	1 (0)	0.0
Meningococcal infection				0	3 (2)	0.1
RSV		11	23.2	70	435 (2)	11.3
Tuberculosis				2	6 (10)	0.1
iGAS		1	2.9	2	12 (0)	0.3
<b>Grand Total</b>	<b>20</b>	<b>117 (93)</b>		<b>590</b>	<b>2610 (2104)</b>	

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

Serotype/Phage	Week Ending								Cumulative Total to end of Week 3	
	03/12	10/12	17/12	24/12	31/12	07/01	14/01	21/01	2022	2021
	<b>Salmonella Total</b>	<b>15</b>	<b>22</b>	<b>17</b>	<b>14</b>	<b>15</b>	<b>24</b>	<b>18</b>	<b>22</b>	<b>64</b>
Salmonella Adelaide				1					0	2
Salmonella Agona								1	1	0
Salmonella Anatum								1	1	1
Salmonella Bareilly					1				0	0
Salmonella Bovismorbificans						1			1	1
Salmonella Braenderup		1	1					1	1	0
Salmonella Cerro				1					0	0
Salmonella Chester	1	1							0	1
Salmonella Eastbourne						1			1	0
Salmonella Give	1						2		2	1
Salmonella Give var 15+				1					0	0
Salmonella Houten subsp IV							1		1	0
Salmonella Hvittingfoss		1				1			1	1
Salmonella Infantis				1	1		1		1	1
Salmonella Johannesburg			1						0	0
Salmonella Kiambu							1		1	0
Salmonella Lexington			1						0	0
Salmonella Litchfield						1			1	0
Salmonella Muenchen		1		1				1	1	0
Salmonella Newport				3					0	0
Salmonella Oranienburg			1					3	3	1
Salmonella Orion			1			1			1	0
Salmonella Paratyphi B bv Java						1			1	0
Salmonella Poona	1	1	1						0	0
Salmonella Potsdam								1	1	3
Salmonella Reading							1		1	0
Salmonella Rissen						1			1	2
Salmonella Rubislaw								1	1	1
Salmonella Sachsenwald subsp IV		1							0	0
Salmonella Saintpaul	2	2	2		1			2	2	2
Salmonella Stanley			1			1	2	1	4	0
Salmonella Thompson								1	1	0
Salmonella Typhimurium	8	10	8	4	10	13	7	7	27	51
Salmonella Virchow		1				1			1	2
Salmonella Wandsbek subsp II		1					1		1	0
Salmonella Wandsworth						1			1	0
Salmonella species	1	2		1	2	1	2	2	5	6
Salmonella subsp 1 ser 4,5:d:-				1					0	0
Salmonella subsp IIIb 50:k:z	1								0	0