



Department of Health

STATEWIDE NOTIFIABLE DISEASES WEEKLY REPORT

Epidemiology & Surveillance Program Communicable Disease Control Directorate

Report for eight week period 20-NOV-16 to 14-JAN-17

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

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

Disease Category/Disease	Week Ending								Cumulative Total to end of week 2			Total Last 4 Weeks	Mean of 15 x 4 week periods[3]	Ratio [4]
	26/11	03/12	10/12	17/12	24/12	31/12	07/01	14/01	2017	2016	2015			
	Blood-borne diseases[2]													
Hepatitis B (newly acquired)			2	2			1		1	0	1	1	1.4	0.7
Hepatitis B (unspecified)	16	13	12	5	12	3	3	9	12	18	12	27	48.5	0.6
Hepatitis C (newly acquired)	3	3	1	2	1			2	2	6	3	3	11.3	0.3
Hepatitis C (unspecified)	24	14	16	33	22	17	17	25	42	32	31	81	70.8	1.1
Enteric diseases														
Botulism									0	0	0	0	0.1	0.0
Campylobacteriosis	82	97	71	84	76	52	66	83	149	148	117	277	203.1	1.4
Cryptosporidiosis	2	3	1	2	4	3	2	16	18	9	7	25	25.2	1.0
Hepatitis A		1							0	3	0	0	1.9	0.0
Hepatitis E									0	0	1	0	0.4	0.0
Listeriosis							1		1	0	0	1	0.6	1.7
Paratyphoid fever									0	2	1	0	1.1	0.0
Rotavirus	6	5	4	4	4	8	12	5	17	5	15	29	23.9	1.2
STEC/VTEC infection	1	2	1	3			1	1	2	3	0	2	0.6	3.3
Salmonellosis	48	73	45	36	39	36	40	50	90	93	84	165	123.5	1.3
Shigellosis	1	1	3	4	1	4	3	3	6	6	8	11	7.7	1.4
Typhoid	1		1						0	0	0	0	1.3	0.0
Vibrio parahaemolyticus				2					0	4	0	0	1.3	0.0
Yersiniosis									0	1	4	0	0.7	0.0
Sexually transmissible infections														
Chlamydia (genital)	221	233	235	205	185	122	197	246	443	442	439	750	852.7	0.9
Gonorrhoea	72	84	107	54	59	32	62	46	108	100	86	199	171.5	1.2
Syphilis - Infectious	6	4	7	5	10	3	6	4	10	14	6	23	10.1	2.3
Syphilis - Non-Infectious	1	2	6	4	1		2		2	2	4	3	7.0	0.4
Vaccine preventable diseases														
H. influenzae type b									0	0	0	0	0.1	0.0
Influenza	41	32	38	38	32	13	39	36	75	62	77	120	99.5	1.2
Measles	1		1	1	1	1	2		2	0	1	4	1.9	2.1
Mumps		2	1		1	3		1	1	37	2	5	16.7	0.3
Pertussis	32	28	31	28	14	16	17	8	25	107	81	55	243.0	0.2
Pneumococcal infection	2	2		2	3	5		4	4	1	3	12	7.9	1.5
Rubella (non-congenital)									0	0	0	0	0.0	0.0
Tetanus									0	0	0	0	0.1	0.0
Varicella (chicken pox)	11	18	15	16	10	8	12	6	18	15	8	36	25.2	1.4
Varicella (shingles)	40	40	38	42	37	15	26	12	38	69	56	90	99.6	0.9
Varicella (unspecified)	34	35	36	36	27	24	32	57	89	68	53	140	101.8	1.4
Vector-borne diseases														
Arboviral encephalitis									0	3	0	0	0.4	0.0
Barmah Forest virus		2	1						0	1	1	0	19.4	0.0
Chikungunya	1	1		1			1		1	1	1	1	1.3	0.8
Dengue fever	9	1	5	2	6	2	5	9	14	26	48	22	46.9	0.5
Malaria	1	1		1	2	2	2	3	5	3	3	9	5.9	1.5
Ross River virus	22	14	29	34	16	10	26	27	53	23	71	79	139.2	0.6
Schistosomiasis	10	13	14	6	8		10	7	17	5	13	25	10.2	2.5
Typhus	1	1	1	4	1				0	1	0	1	2.1	0.5
Zoonotic diseases														
Brucellosis									0	0	0	0	0.1	0.0
Leptospirosis			1		1	1			0	0	0	2	0.1	30.0
Q Fever					1				0	0	1	1	0.6	1.7
Other diseases														
Creutzfeldt-Jakob disease									0	1	1	0	0.4	0.0
Haemolytic Uraemic Syndrome			1	1			1		1	0	0	1	0.0	0.0
Legionellosis	1	3	3		2	2		2	2	1	3	6	6.5	0.9
Leprosy									0	0	0	0	0.3	0.0
Melioidosis		1							0	0	1	0	0.5	0.0
Meningococcal infection	1	1				1			0	2	0	1	1.3	0.8
Tuberculosis	4	5	6	3	5	7	3	2	5	4	7	17	10.5	1.6
Grand Total	695	735	733	660	581	390	589	664						

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

Disease Category/Disease	Week Ending								Cumulative Total to end of week 2			Total Last 4 Weeks	Mean of 15 x 4 week periods[3]	Ratio [4]
	26/11	03/12	10/12	17/12	24/12	31/12	07/01	14/01	2017	2016	2015			
	Blood-borne diseases[2]													
Hepatitis B (newly acquired)			1	2					0	0	1	0	1.1	0.0
Hepatitis B (unspecified)	16	11	12	5	9	2	3	7	10	15	10	21	33.1	0.6
Hepatitis C (newly acquired)	1	3	1	2	1			2	2	5	2	3	9.0	0.3
Hepatitis C (unspecified)	20	12	9	24	14	14	12	22	34	25	26	62	50.4	1.2
Enteric diseases														
Botulism									0	0	0	0	0.1	0.0
Campylobacteriosis	65	73	54	71	57	39	52	66	118	119	94	214	155.5	1.4
Cryptosporidiosis		1		2	2	2	2	10	12	8	4	16	14.1	1.1
Hepatitis A		1							0	3	0	0	1.3	0.0
Hepatitis E									0	0	1	0	0.4	0.0
Listeriosis							1		1	0	0	1	0.6	1.7
Paratyphoid fever									0	2	1	0	1.0	0.0
Rotavirus	5	5	3	4	3	8	10	3	13	4	13	24	19.3	1.2
STEC/VTEC infection	1	1	1	2					0	2	0	0	0.2	0.0
Salmonellosis	40	63	36	29	34	30	32	35	67	66	54	131	89.5	1.5
Shigellosis	1		1	1					0	5	3	0	4.1	0.0
Typhoid	1		1						0	0	0	0	0.9	0.0
Vibrio parahaemolyticus				2					0	4	0	0	1.2	0.0
Yersiniosis									0	1	3	0	0.6	0.0
Sexually transmissible infections														
Chlamydia (genital)	172	168	185	164	150	99	162	205	367	323	337	616	644.9	1.0
Gonorrhoea	52	67	80	33	40	22	42	36	78	61	59	140	90.7	1.5
Syphilis - Infectious	6	2	6	5	8	2	4	4	8	10	5	18	8.1	2.2
Syphilis - Non-Infectious	1	2	6	4	1		1		1	1	4	2	4.4	0.5
Vaccine preventable diseases														
Influenza	35	26	33	28	21	10	33	29	62	52	60	93	77.5	1.2
Measles	1		1	1	1	1	2		2	0	1	4	1.5	2.7
Mumps					1	2		1	1	0	1	4	2.7	1.5
Pertussis	25	17	24	24	11	8	12	6	18	73	67	37	181.2	0.2
Pneumococcal infection	1	2		1	3	1		3	3	0	2	7	3.8	1.8
Rubella (non-congenital)									0	0	0	0	0.0	0.0
Varicella (chicken pox)	7	14	14	14	9	5	9	3	12	10	7	26	17.7	1.5
Varicella (shingles)	29	31	27	28	27	9	18	2	20	54	40	56	75.1	0.7
Varicella (unspecified)	32	32	36	33	24	20	28	50	78	60	47	122	88.9	1.4
Vector-borne diseases														
Arboviral encephalitis									0	2	0	0	0.3	0.0
Barmah Forest virus			1						0	0	0	0	13.2	0.0
Chikungunya	1	1		1					0	1	1	0	1.2	0.0
Dengue fever	9	1	4	2	5	2	5	9	14	22	39	21	37.0	0.6
Malaria	1	1			2	2	2	2	4	2	1	8	5.3	1.5
Ross River virus	8	5	11	12	5	6	9	12	21	20	55	32	91.9	0.3
Schistosomiasis	9	12	14	6	7		10	7	17	4	13	24	9.3	2.6
Typhus	1	1	1	3	1				0	1	0	1	1.7	0.6
Zoonotic diseases														
Brucellosis									0	0	0	0	0.1	0.0
Leptospirosis			1		1	1			0	0	0	2	0.1	30.0
Q Fever					1				0	0	0	1	0.1	7.5
Other diseases														
Creutzfeldt-Jakob disease									0	0	1	0	0.2	0.0
Haemolytic Uraemic Syndrome			1	1			1		1	0	0	1	0.0	0.0
Legionellosis	1	3	2		2	1		1	1	0	3	4	4.5	0.9
Leprosy									0	0	0	0	0.2	0.0
Melioidosis		1							0	0	0	0	0.2	0.0
Meningococcal infection						1			0	1	0	1	0.7	1.5
Tuberculosis	4	3	4	2	5	7	3	2	5	3	7	17	8.5	2.0
Grand Total	545	559	570	506	445	294	453	517						

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)									
Hepatitis B (unspecified)	2	10 (5)	0.5	1	1 (5)	0.1	4	10 (12)	0.7
Hepatitis C (newly acquired)				1	1 (4)	0.1	1	2 (4)	0.1
Hepatitis C (unspecified)	6	15 (7)	1.1	4	18 (14)	1.3	12	29 (15)	2.3
Enteric diseases									
Campylobacteriosis	25	86 (67)	6.7	18	63 (70)	4.3	23	65 (60)	5.2
Cryptosporidiosis	4	7 (4)	0.7	2	4 (2)	0.4	4	5 (3)	0.6
Listeriosis		1	0.1						
Rotavirus		6 (7)	0.4	2	5 (2)	0.6	1	13 (4)	0.8
STEC/VTEC infection									
Salmonellosis	8	38 (42)	2.4	12	53 (47)	3.3	15	40 (38)	3.7
Shigellosis									
Sexually transmissible infections									
Chlamydia (genital)	71	202 (189)	17.5	61	204 (198)	15.9	73	210 (171)	17.5
Gonorrhoea	12	45 (28)	3.8	12	39 (36)	2.7	12	56 (45)	4.3
Syphilis - Infectious	1	7 (3)	0.3	2	5 (2)	0.4	1	6 (9)	0.4
Syphilis - Non-Infectious		1			1	0.1			
Vaccine preventable diseases									
Influenza	9	25 (28)	2.2	8	32 (33)	2.7	12	36 (28)	3.7
Measles					2	0.3		2	
Mumps		1			1 (1)		1	2	0.1
Pertussis	3	12 (39)	0.8	2	13 (59)	0.9	1	12 (22)	0.8
Pneumococcal infection		1 (1)			2		3	4	0.4
Varicella (chicken pox)	1	8 (6)	0.3	1	6 (7)	0.7	1	12 (7)	0.7
Varicella (shingles)	1	23 (34)	1.6		14 (29)	0.3	1	19 (31)	0.8
Varicella (unspecified)	23	51 (38)	4.6	14	38 (39)	3.0	13	33 (28)	3.2
Vector-borne diseases									
Chikungunya									
Dengue fever	2	8 (10)	0.3	5	7 (8)	1.0	2	6 (12)	0.7
Malaria		4 (4)	0.3	1	1	0.1	1	3 (1)	0.1
Ross River virus	3	7 (9)	0.5	6	16 (17)	1.5	3	9 (7)	1.0
Schistosomiasis	7	17 (4)	1.8					7 (2)	0.4
Typhus					1				
Zoonotic diseases									
Leptospirosis					2				
Q Fever					1				
Other diseases									
Haemolytic Uraemic Syndrome								1	0.1
Legionellosis		1 (1)		1	3	0.1			
Meningococcal infection					1				
Tuberculosis		6 (1)	0.3	2	5 (1)	0.3		6 (3)	0.1
Grand Total	178	582 (527)		155	539 (574)		184	588 (502)	

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)		1	0.5						
Hepatitis B (unspecified)					1		2	2	2.5
Hepatitis C (newly acquired)									
Hepatitis C (unspecified)		3 (5)	0.5	2	5 (1)	6.5	1	4 (4)	1.3
Enteric diseases									
Campylobacteriosis	7	25 (22)	7.0		6 (4)		2	6 (7)	5.1
Cryptosporidiosis	1	1	0.5	1	1	1.6	2	2 (1)	2.5
Listeriosis									
Rotavirus					1	1.6		1	1.3
STEC/VTEC infection	1	1	0.5						
Salmonellosis	1	5 (9)	1.1	1	3 (5)	1.6	1	3 (6)	3.8
Shigellosis		1	0.5		1				
Sexually transmissible infections									
Chlamydia (genital)	11	26 (45)	9.2	5	12 (13)	12.9	2	8 (14)	6.3
Gonorrhoea		1 (9)	0.5					1	1.3
Syphilis - Infectious		1 (2)	0.5		1				
Syphilis - Non-Infectious									
Vaccine preventable diseases									
Influenza	1	5 (4)	1.1	1	4 (1)	3.2			
Measles									
Mumps									
Pertussis		4 (48)	1.1		10	3.2	1	1 (5)	1.3
Pneumococcal infection								1	
Varicella (chicken pox)	3	5 (1)	1.6						
Varicella (shingles)	5	12 (11)	3.2		1 (6)		4	7 (5)	6.3
Varicella (unspecified)	1	3 (6)	0.5	4	6	9.7			
Vector-borne diseases									
Chikungunya									
Dengue fever		1 (2)							
Malaria									
Ross River virus	6	24	9.7	3	3 (2)	4.8	4	8 (3)	7.6
Schistosomiasis					1				
Typhus									
Zoonotic diseases									
Leptospirosis									
Q Fever									
Other diseases									
Haemolytic Uraemic Syndrome									
Legionellosis	1	2	0.5						
Meningococcal infection									
Tuberculosis									
Grand Total	38	121 (164)		17	56 (32)		19	44 (45)	

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)									
Hepatitis B (unspecified)					1			1 (1)	
Hepatitis C (newly acquired)									
Hepatitis C (unspecified)		1 (4)	1.4		3 (1)	1.6		2	
Enteric diseases									
Campylobacteriosis	3	8 (5)	7.2		7 (5)	4.9		2 (4)	1.4
Cryptosporidiosis							2	2 (1)	2.9
Listeriosis									
Rotavirus		1 (1)					1	1 (1)	1.4
STEC/VTEC infection									
Salmonellosis	4	7 (9)	7.2	1	4 (3)	4.9	2	4 (5)	2.9
Shigellosis	3	5 (1)	7.2		1 (1)			2	
Sexually transmissible infections									
Chlamydia (genital)	2	12 (19)	8.6	8	19 (30)	16.2	2	13 (21)	10.1
Gonorrhoea	3	4 (8)	5.7	3	14 (7)	8.1	2	11 (20)	11.6
Syphilis - Infectious									
Syphilis - Non-Infectious					1	1.6			
Vaccine preventable diseases									
Influenza	1	3	2.9				2	8 (1)	2.9
Measles									
Mumps									
Pertussis					1 (3)		1	2 (1)	2.9
Pneumococcal infection		1		1	2	1.6		1 (2)	
Varicella (chicken pox)								3	2.9
Varicella (shingles)		1			5 (1)	4.9		3 (2)	2.9
Varicella (unspecified)	2	4 (6)	2.9		1 (1)	1.6		2	
Vector-borne diseases									
Chikungunya					1	1.6			
Dengue fever									
Malaria							1	1	1.4
Ross River virus				1	8	4.9		2	1.4
Schistosomiasis									
Typhus									
Zoonotic diseases									
Leptospirosis									
Q Fever									
Other diseases									
Haemolytic Uraemic Syndrome									
Legionellosis									
Meningococcal infection									
Tuberculosis									
Grand Total	18	47 (53)		14	68 (52)		13	60 (59)	

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)				0	1 (0)	0.0
Hepatitis B (unspecified)		1		9	27 (25)	0.5
Hepatitis C (newly acquired)				2	3 (11)	0.1
Hepatitis C (unspecified)				25	81 (52)	1.5
Enteric diseases						
Campylobacteriosis	1	3 (4)	2.5	83	277 (255)	5.5
Cryptosporidiosis		3		16	25 (13)	0.7
Listeriosis				0	1 (0)	0.0
Rotavirus				5	29 (15)	0.6
STEC/VTEC infection		1	2.5	1	2 (3)	0.1
Salmonellosis	4	6 (9)	12.4	50	165 (177)	3.3
Shigellosis		1		3	11 (8)	0.2
Sexually transmissible infections						
Chlamydia (genital)	10	42 (37)	54.6	246	750 (741)	16.2
Gonorrhoea	2	25 (26)	27.3	46	199 (184)	4.0
Syphilis - Infectious		3 (1)	2.5	4	23 (20)	0.4
Syphilis - Non-Infectious				0	3 (2)	0.1
Vaccine preventable diseases						
Influenza		1	2.5	36	120 (103)	2.7
Measles				0	4 (0)	0.1
Mumps				1	5 (61)	0.0
Pertussis				8	55 (184)	0.9
Pneumococcal infection				4	12 (3)	0.1
Varicella (chicken pox)		1 (2)	2.5	6	36 (26)	0.7
Varicella (shingles)		4 (2)	2.5	12	90 (122)	1.4
Varicella (unspecified)				57	140 (123)	3.3
Vector-borne diseases						
Chikungunya				0	1 (1)	0.0
Dengue fever				9	22 (36)	0.5
Malaria				3	9 (6)	0.2
Ross River virus	1	1 (1)	2.5	27	79 (40)	1.9
Schistosomiasis				7	25 (8)	0.6
Typhus				0	1 (1)	0.0
Zoonotic diseases						
Leptospirosis				0	2 (0)	0.0
Q Fever				0	1 (0)	0.0
Other diseases						
Haemolytic Uraemic Syndrome				0	1 (0)	0.0
Legionellosis				2	6 (3)	0.1
Meningococcal infection				0	1 (2)	0.0
Tuberculosis				2	17 (6)	0.1
Grand Total	18	92 (82)		664	2225 (2250)	

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

	Week Ending								Cumulative Total to end of Week 2	
	26/11	03/12	10/12	17/12	24/12	31/12	07/01	14/01	2017	2016
	Salmonella Total	48	73	45	36	39	36	40	50	90
Serotype/Phage										
Salmonella Aberdeen		1				3			0	1
Salmonella Agona							1		1	0
Salmonella Anatum						1			0	1
Salmonella Anatum var 15+	1								0	0
Salmonella Birkenhead				1					0	0
Salmonella Bovismorbificans			1					1	1	1
Salmonella Cannonhill		1							0	0
Salmonella Cerro		1							0	0
Salmonella Cerro var 14+				1					0	0
Salmonella Charity	1								0	0
Salmonella Chester						1			0	1
Salmonella Choleraesuis bv Kunzendorf Australia		1					1		1	0
Salmonella Derby				1					0	0
Salmonella Eastbourne		1					1		1	3
Salmonella Enteritidis	2	4	6	2	2		3	2	5	4
Salmonella Give			1					1	1	0
Salmonella Give var 15+	1					2			0	0
Salmonella Hadar		1							0	2
Salmonella Havana		1		1					0	1
Salmonella Heidelberg		1							0	1
Salmonella Hvittingfoss	2	3			1	1	1	1	2	0
Salmonella Infantis				1	2			1	1	1
Salmonella Isangi							1		1	0
Salmonella Johannesburg							1		1	0
Salmonella Kentucky	2	1		1			1		1	0
Salmonella Kiambu				1					0	2
Salmonella Lansing								1	1	0
Salmonella Montevideo		1							0	1
Salmonella Muenchen	1		1				2		2	0
Salmonella Newport	1	1		1					0	1
Salmonella Ohlstedt							1		1	0
Salmonella Oranienburg				1					0	0
Salmonella Orion					1				0	0
Salmonella Panama				1		1			0	0
Salmonella Paratyphi B bv Java	1	1		3	1		1		1	5
Salmonella Saintpaul		1		2		1	1		1	2
Salmonella Senftenberg	1		1						0	2
Salmonella Singapore		1	1		3		2		2	1
Salmonella Stanley			1		1				0	8
Salmonella Tennessee	1		1						0	0
Salmonella Thompson	1								0	0
Salmonella Typhimurium	29	48	27	18	24	19	21	17	38	38
Salmonella Urbana								1	1	0
Salmonella Virchow	3		3			2		2	2	5
Salmonella Welikade		1							0	0
Salmonella Weltevreden			1	1	1	1		1	1	2
Salmonella species		3	1		3	4	2	22	24	2
Salmonella subsp 1 ser 4,5,12:i:-	1								0	0