



Department of Health

STATEWIDE NOTIFIABLE DISEASES WEEKLY REPORT

Epidemiology & Surveillance Program Communicable Disease Control Directorate

Report for eight week period 13-NOV-16 to 07-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 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	2017	2016	2015			
	Blood-borne diseases[2]													
Hepatitis B (newly acquired)				2	2				0	0	1	2	1.4	1.4
Hepatitis B (unspecified)	15	16	13	12	5	12	3	4	4	6	2	24	47.1	0.5
Hepatitis C (newly acquired)	7	3	3	1	3				0	4	3	3	11.0	0.3
Hepatitis C (unspecified)	17	24	14	16	32	23	17	17	17	11	11	89	69.3	1.3
Enteric diseases														
Botulism									0	0	0	0	0.1	0.0
Campylobacteriosis	62	81	97	71	85	73	49	62	62	85	52	269	208.9	1.3
Cryptosporidiosis	1	2	3	1	2	3	3	2	2	2	4	10	25.1	0.4
Hepatitis A			1					1	1	1	0	1	1.6	0.6
Hepatitis E									0	0	0	0	0.4	0.0
Listeriosis								1	1	0	0	1	0.5	1.9
Paratyphoid fever									0	1	0	0	1.2	0.0
Rotavirus	6	6	5	3	5	4	7	11	11	1	6	27	25.3	1.1
STEC/VTEC infection	1	1	2	1	3			1	1	0	0	4	0.4	10.0
Salmonellosis	30	48	73	45	36	38	33	37	37	55	40	144	121.7	1.2
Shigellosis	2	1	1	2	5	1	3	3	3	2	3	12	7.1	1.7
Typhoid	1	1		1					0	0	0	0	1.2	0.0
Vibrio parahaemolyticus					2				0	1	0	2	1.3	1.6
Yersiniosis									0	1	1	0	0.7	0.0
Sexually transmissible infections														
Chlamydia (genital)	208	221	230	234	201	185	117	187	187	226	178	690	846.9	0.8
Gonorrhoea	66	71	85	107	52	61	28	58	58	42	39	199	169.3	1.2
Syphilis - Infectious	1	6	5	7	6	9	3	5	5	7	3	23	10.2	2.3
Syphilis - Non-Infectious	1	1	2	6	4	1		2	2	1	1	7	6.5	1.1
Vaccine preventable diseases														
H. influenzae type b									0	0	0	0	0.1	0.0
Influenza	49	41	32	38	38	32	12	30	30	32	32	112	98.5	1.1
Measles		1		1	1	1			0	0	0	3	2.1	1.5
Mumps			2	1		1	3		0	21	1	4	16.4	0.2
Pertussis	32	32	26	32	27	12	12	13	13	61	48	64	252.8	0.3
Pneumococcal infection	4	2	2		2	3	5		0	1	2	10	8.4	1.2
Rubella (non-congenital)									0	0	0	0	0.0	0.0
Tetanus									0	0	0	0	0.1	0.0
Varicella (chicken pox)	21	11	18	15	16	9	8	9	9	9	2	42	27.3	1.5
Varicella (shingles)	31	39	39	38	41	35	10	16	16	40	26	102	99.7	1.0
Varicella (unspecified)	38	35	36	36	36	28	26	38	38	32	24	128	101.7	1.3
Vector-borne diseases														
Arboviral encephalitis									0	1	0	0	0.4	0.0
Barmah Forest virus			2	1					0	1	0	0	18.0	0.0
Chikungunya		1	1		1			1	1	0	1	2	1.1	1.8
Dengue fever	3	9	1	5	2	5	2	4	4	9	19	13	43.9	0.3
Malaria	2	1	1		1	2	1	3	3	0	0	7	5.9	1.2
Ross River virus	14	22	13	27	30	17	8	29	29	14	40	84	126.3	0.7
Schistosomiasis	2	10	13	14	6	8		9	9	3	11	23	9.4	2.4
Typhus		1	1	4	4	3			0	0	0	7	1.9	3.7
Zoonotic diseases														
Brucellosis									0	0	0	0	0.1	0.0
Leptospirosis						1	2		0	0	0	3	0.1	45.0
Q Fever						1			0	0	1	1	0.5	1.9
Other diseases														
Creutzfeldt-Jakob disease									0	1	1	0	0.5	0.0
Haemolytic Uraemic Syndrome				1	1			1	1	0	0	2	0.0	0.0
Legionellosis	1	1	3	1	1	2	1	2	2	0	2	6	6.6	0.9
Leprosy									0	0	0	0	0.2	0.0
Melioidosis									0	0	0	0	0.6	0.0
Meningococcal infection		1	1				1		0	1	0	1	1.3	0.8
Tuberculosis	1	4	5	6	3	5	7	3	3	2	3	18	11.2	1.6
Grand Total	616	693	730	729	653	575	362	549						

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	2017	2016	2015			
	Blood-borne diseases[2]													
Hepatitis B (newly acquired)				1	2				0	0	1	2	1.2	1.7
Hepatitis B (unspecified)	10	16	11	12	5	9	2	3	3	5	1	19	32.4	0.6
Hepatitis C (newly acquired)	6	1	3	1	3				0	3	2	3	9.1	0.3
Hepatitis C (unspecified)	14	20	12	9	23	15	14	12	12	9	7	64	49.7	1.3
Enteric diseases														
Botulism									0	0	0	0	0.1	0.0
Campylobacteriosis	49	64	73	54	72	54	38	50	50	69	42	214	160.1	1.3
Cryptosporidiosis	1		1		2	1	2	2	2	2	3	7	13.9	0.5
Hepatitis A			1						0	1	0	0	1.1	0.0
Hepatitis E									0	0	0	0	0.4	0.0
Listeriosis								1	1	0	0	1	0.5	1.9
Paratyphoid fever									0	1	0	0	1.1	0.0
Rotavirus	6	5	5	3	4	3	7	9	9	1	4	23	19.7	1.2
STEC/VTEC infection	1	1	1	1	2			1	1	0	0	3	0.1	22.5
Salmonellosis	25	40	63	36	29	33	27	29	29	37	23	118	87.3	1.4
Shigellosis	2	1			2				0	2	1	2	3.5	0.6
Typhoid	1	1		1					0	0	0	0	0.9	0.0
Vibrio parahaemolyticus					2				0	1	0	2	1.1	1.8
Yersiniosis									0	1	1	0	0.5	0.0
Sexually transmissible infections														
Chlamydia (genital)	163	172	166	184	161	151	96	150	150	167	139	558	640.2	0.9
Gonorrhoea	45	52	67	80	31	42	19	41	41	25	27	133	89.0	1.5
Syphilis - Infectious	1	6	3	6	6	7	2	4	4	4	3	19	8.1	2.3
Syphilis - Non-Infectious	1	1	2	6	4	1		1	1	0	1	6	3.9	1.5
Vaccine preventable diseases														
Influenza	36	35	26	33	28	21	9	27	27	24	26	85	75.5	1.1
Measles		1		1	1	1	1		0	0	0	3	1.5	2.0
Mumps						1	2		0	0	0	3	2.7	1.1
Pertussis	19	25	16	25	23	11	5	8	8	41	39	47	187.9	0.3
Pneumococcal infection	3	1	2		1	3	1		0	0	2	5	4.1	1.2
Rubella (non-congenital)									0	0	0	0	0.0	0.0
Varicella (chicken pox)	18	7	14	14	14	8	5	6	6	6	1	33	18.7	1.8
Varicella (shingles)	25	29	31	27	27	26	5	11	11	32	19	69	75.1	0.9
Varicella (unspecified)	34	32	32	36	33	25	22	32	32	29	21	112	89.3	1.3
Vector-borne diseases														
Arboviral encephalitis									0	0	0	0	0.3	0.0
Barmah Forest virus				1					0	0	0	0	12.3	0.0
Chikungunya		1	1		1				0	0	1	1	1.1	0.9
Dengue fever	1	9	1	4	2	5	2	3	3	8	14	12	34.5	0.3
Malaria	2	1	1			2	1	3	3	0	0	6	5.1	1.2
Ross River virus	6	8	4	10	11	6	4	12	12	13	29	33	82.0	0.4
Schistosomiasis	2	9	12	14	6	7		9	9	3	11	22	8.5	2.6
Typhus		1	1	4	3	3			0	0	0	6	1.5	4.1
Zoonotic diseases														
Brucellosis									0	0	0	0	0.1	0.0
Leptospirosis						1	2		0	0	0	3	0.1	45.0
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	2	0.0	0.0
Legionellosis		1	3	1	1	2	1		0	0	2	4	4.6	0.9
Leprosy									0	0	0	0	0.1	0.0
Meningococcal infection							1		0	0	0	1	0.7	1.4
Tuberculosis	1	4	3	4	2	5	7	3	3	1	3	17	9.0	1.9
Grand Total	472	544	555	569	502	444	275	418						

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	
Hepatitis B (unspecified)	1	8 (6)	0.1		1 (8)		2	10 (12)	0.3
Hepatitis C (newly acquired)					2 (4)			1 (6)	
Hepatitis C (unspecified)	2	14 (9)	0.3	5	22 (16)	0.7	5	28 (13)	0.7
Enteric diseases									
Campylobacteriosis	25	84 (64)	3.3	11	63 (66)	1.6	14	67 (61)	1.9
Cryptosporidiosis	1	5 (4)	0.1	1	2 (2)	0.1			
Hepatitis A									
Listeriosis	1	1	0.1						
Rotavirus	3	7 (9)	0.4	1	3 (5)	0.1	5	13 (6)	0.7
STEC/VTEC infection				1	2	0.1		1	
Salmonellosis	8	35 (41)	1.1	12	53 (46)	1.8	9	30 (43)	1.2
Shigellosis					1			1 (4)	
Vibrio parahaemolyticus		1 (2)						1	
Sexually transmissible infections									
Chlamydia (genital)	59	175 (193)	7.8	39	193 (188)	5.8	52	190 (180)	7.2
Gonorrhoea	16	37 (30)	2.1	5	34 (41)	0.7	20	62 (44)	2.8
Syphilis - Infectious	1	7 (3)	0.1	1	4 (2)	0.1	2	8 (8)	0.3
Syphilis - Non-Infectious		2		1	2	0.1		2	
Vaccine preventable diseases									
Influenza	6	27 (26)	0.8	7	26 (35)	1.0	14	32 (27)	1.9
Measles								3 (1)	
Mumps		1			1 (1)			1	
Pertussis	2	19 (38)	0.3	3	12 (53)	0.4	3	16 (24)	0.4
Pneumococcal infection		2 (1)			2			1	
Varicella (chicken pox)		6 (7)		2	5 (8)	0.3	4	22 (7)	0.6
Varicella (shingles)	6	27 (33)	0.8	2	19 (27)	0.3	3	23 (31)	0.4
Varicella (unspecified)	15	39 (44)	2.0	6	41 (39)	0.9	11	32 (30)	1.5
Vector-borne diseases									
Chikungunya								1	
Dengue fever		7 (5)		2	3 (3)	0.3	1	2 (10)	0.1
Malaria	3	4 (3)	0.4					2 (1)	
Ross River virus	5	10 (8)	0.7	3	17 (13)	0.4	4	6 (10)	0.6
Schistosomiasis	6	9 (5)	0.8		1 (3)		3	12 (2)	0.4
Typhus		2			2 (1)			2	
Zoonotic diseases									
Leptospirosis					2			1	
Q Fever					1				
Other diseases									
Haemolytic Uraemic Syndrome							1	2	0.1
Legionellosis		1 (3)			2			1	
Meningococcal infection					1				
Tuberculosis	2	6	0.3		4 (1)		1	7 (2)	0.1
Grand Total	162	537 (534)		102	521 (562)		154	581 (522)	

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				
Hepatitis B (unspecified)	1	1 (2)	0.5						
Hepatitis C (newly acquired)									
Hepatitis C (unspecified)	1	4 (3)	0.5	2	4 (1)	3.2		6 (1)	
Enteric diseases									
Campylobacteriosis	5	22 (25)	2.7	1	8 (6)	1.6	2	5 (5)	2.5
Cryptosporidiosis									
Hepatitis A									
Listeriosis									
Rotavirus				1	1	1.6	1	1	1.3
STEC/VTEC infection		1							
Salmonellosis	1	7 (10)	0.5		2 (1)		2	2 (7)	2.5
Shigellosis	1	1	0.5						
Vibrio parahaemolyticus									
Sexually transmissible infections									
Chlamydia (genital)	9	25 (43)	4.9	3	9 (13)	4.8	3	11 (12)	3.8
Gonorrhoea	1	2 (6)	0.5				1	1 (2)	1.3
Syphilis - Infectious					1				
Syphilis - Non-Infectious									
Vaccine preventable diseases									
Influenza	1	6 (5)	0.5	1	4 (1)	1.6		1 (2)	
Measles									
Mumps									
Pertussis	2	6 (53)	1.1	2	10	3.2			
Pneumococcal infection								1 (1)	
Varicella (chicken pox)		3 (1)							
Varicella (shingles)		16 (12)			3 (3)		1	3 (7)	1.3
Varicella (unspecified)	1	3 (7)	0.5	2	2	3.2			
Vector-borne diseases									
Chikungunya									
Dengue fever	1	1 (1)	0.5						
Malaria									
Ross River virus	12	30	6.5	1	5 (3)	1.6	1	4 (3)	1.3
Schistosomiasis					1				
Typhus									
Zoonotic diseases									
Leptospirosis									
Q Fever									
Other diseases									
Haemolytic Uraemic Syndrome									
Legionellosis	2	2 (1)	1.1						
Meningococcal infection								1	
Tuberculosis									
Grand Total	38	130 (169)		13	51 (28)		11	36 (40)	

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	3 (2)	1.4	1	4 (1)	1.6		2	
Enteric diseases									
Campylobacteriosis	1	4 (6)	1.4	2	9 (8)	3.2	1	3 (2)	1.4
Cryptosporidiosis									
Hepatitis A				1	1	1.6			
Listeriosis									
Rotavirus		1 (3)						1 (1)	
STEC/VTEC infection									
Salmonellosis	1	3 (9)	1.4	2	5 (5)	3.2		3 (6)	
Shigellosis	2	2	2.9		2 (1)			2	
Vibrio parahaemolyticus									
Sexually transmissible infections									
Chlamydia (genital)	4	14 (20)	5.7	2	13 (25)	3.2	5	19 (17)	7.2
Gonorrhoea	1	2 (9)	1.4	2	12 (7)	3.2	5	15 (16)	7.2
Syphilis - Infectious									
Syphilis - Non-Infectious				1	1	1.6			
Vaccine preventable diseases									
Influenza		2 (1)			2			8 (2)	
Measles									
Mumps									
Pertussis							1	1	1.4
Pneumococcal infection		1			1			1 (2)	
Varicella (chicken pox)							2	4	2.9
Varicella (shingles)		1		2	5 (1)	3.2	1	1 (1)	1.4
Varicella (unspecified)		4 (4)					2	4	2.9
Vector-borne diseases									
Chikungunya				1	1	1.6			
Dengue fever									
Malaria								1	
Ross River virus		1 (1)		1	7 (1)	1.6	2	2	2.9
Schistosomiasis									
Typhus								1	
Zoonotic diseases									
Leptospirosis									
Q Fever									
Other diseases									
Haemolytic Uraemic Syndrome									
Legionellosis									
Meningococcal infection									
Tuberculosis									
Grand Total	10	38 (55)		15	64 (49)		19	69 (48)	

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	2 (1)	0.0
Hepatitis B (unspecified)		1 (3)		4	24 (33)	0.1
Hepatitis C (newly acquired)				0	3 (15)	0.0
Hepatitis C (unspecified)				17	89 (48)	0.6
Enteric diseases						
Campylobacteriosis		2 (3)		62	269 (252)	2.3
Cryptosporidiosis		3		2	10 (8)	0.1
Hepatitis A				1	1 (5)	0.0
Listeriosis				1	1 (0)	0.0
Rotavirus				11	27 (25)	0.4
STEC/VTEC infection				1	4 (0)	0.0
Salmonellosis	1	2 (9)	2.5	37	144 (180)	1.4
Shigellosis		2		3	12 (5)	0.1
Vibrio parahaemolyticus				0	2 (2)	0.0
Sexually transmissible infections						
Chlamydia (genital)	10	37 (43)	24.8	187	690 (739)	6.9
Gonorrhoea	7	30 (25)	17.4	58	199 (185)	2.1
Syphilis - Infectious	1	3 (1)	2.5	5	23 (16)	0.2
Syphilis - Non-Infectious				2	7 (1)	0.0
Vaccine preventable diseases						
Influenza				30	112 (104)	1.1
Measles				0	3 (1)	0.0
Mumps				0	4 (61)	0.0
Pertussis				13	64 (185)	0.5
Pneumococcal infection		1		0	10 (4)	0.0
Varicella (chicken pox)	1	1 (1)	2.5	9	42 (26)	0.3
Varicella (shingles)	1	4 (2)	2.5	16	102 (117)	0.6
Varicella (unspecified)		1 (2)		38	128 (130)	1.4
Vector-borne diseases						
Chikungunya				1	2 (0)	0.0
Dengue fever				4	13 (22)	0.1
Malaria				3	7 (4)	0.1
Ross River virus		1 (1)		29	84 (41)	1.1
Schistosomiasis				9	23 (11)	0.3
Typhus				0	7 (1)	0.0
Zoonotic diseases						
Leptospirosis				0	3 (0)	0.0
Q Fever				0	1 (0)	0.0
Other diseases						
Haemolytic Uraemic Syndrome				1	2 (0)	0.0
Legionellosis				2	6 (5)	0.1
Meningococcal infection				0	1 (1)	0.0
Tuberculosis				3	18 (4)	0.0
Grand Total	21	88 (90)		549	2140 (2241)	

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	2017	2016
	Salmonella Total	30	48	73	45	36	38	33	37	37
Serotype/Phage										
Salmonella Aberdeen	1		1				3		0	1
Salmonella Agona								1	1	0
Salmonella Alachua	1								0	0
Salmonella Anatum							1		0	1
Salmonella Anatum var 15+		1							0	0
Salmonella Birkenhead					1				0	0
Salmonella Bovismorbificans				1					0	0
Salmonella Cannonhill			1						0	0
Salmonella Cerro			1						0	0
Salmonella Cerro var 14+					1				0	0
Salmonella Charity		1							0	0
Salmonella Choleraesuis bv Kunzendorf Australia			1						0	0
Salmonella Derby					1				0	0
Salmonella Eastbourne			1						0	1
Salmonella Enteritidis	4	2	4	6	2	2		3	3	3
Salmonella Fremantle subsp II	1								0	1
Salmonella Give				1					0	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	1	2	3			1	1	1	1	0
Salmonella Infantis					1	2			0	1
Salmonella Kentucky	2	2	1		1				0	0
Salmonella Kiambu					1				0	0
Salmonella Montevideo			1						0	0
Salmonella Muenchen		1		1					0	0
Salmonella Newport		1	1		1				0	1
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			0	2
Salmonella Saintpaul			1		2		1	1	1	0
Salmonella Senftenberg		1		1					0	1
Salmonella Singapore			1	1		3		1	1	0
Salmonella Stanley				1		1			0	3
Salmonella Tennessee		1		1					0	0
Salmonella Thompson		1							0	0
Salmonella Typhimurium	15	30	48	27	18	23	17	7	7	21
Salmonella Virchow		3		3			2		0	2
Salmonella Welikade			1						0	0
Salmonella Weltevreden	2			1	1	1	1		0	2
Salmonella species	3		3	1		3	4	23	23	1