



## Department of Health

### STATEWIDE NOTIFIABLE DISEASES WEEKLY REPORT

#### Epidemiology & Surveillance Program Communicable Disease Control Directorate

Report for eight week period 27-NOV-16 to 21-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](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 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	2017	2016	2015				
	<b>Blood-borne diseases[2]</b>														
Hepatitis B (newly acquired)			2	2			1		1	2	0	1	2	1.4	1.4
Hepatitis B (unspecified)	13	12	5	12	3	3	9	16	28	27	15	31	46.4	0.7	
Hepatitis C (newly acquired)	3	1	2	1			3	1	4	10	8	4	11.3	0.4	
Hepatitis C (unspecified)	14	16	33	22	17	17	22	29	68	56	53	85	69.6	1.2	
<b>Enteric diseases</b>															
Botulism									0	0	0	0	0.1	0.0	
Campylobacteriosis	96	71	84	78	54	77	76	80	233	207	188	287	202.6	1.4	
Cryptosporidiosis	3	1	2	4	3	4	15	8	27	19	12	30	25.2	1.2	
Hepatitis A	1								0	3	0	0	2.1	0.0	
Hepatitis E									0	0	1	0	0.3	0.0	
Listeriosis						1			1	0	1	1	0.5	1.9	
Paratyphoid fever									0	2	1	0	1.2	0.0	
Rotavirus	5	4	4	4	8	12	9	7	28	7	23	36	22.9	1.6	
STEC/VTEC infection	2	1	3			1	1		2	4	0	2	0.6	3.3	
Salmonellosis	72	45	37	40	40	43	51	41	135	145	118	175	126.6	1.4	
Shigellosis	1	3	4	1	3	3	4	1	8	6	15	11	7.6	1.4	
Typhoid			1						0	1	0	0	1.5	0.0	
Vibrio parahaemolyticus				2					0	5	2	0	1.3	0.0	
Yersiniosis									0	1	4	0	0.7	0.0	
<b>Sexually transmissible infections</b>															
Chlamydia (genital)	234	237	205	187	122	205	262	199	666	718	682	788	866.7	0.9	
Gonorrhoea	84	107	54	60	32	64	65	55	184	148	130	216	174.6	1.2	
Syphilis - Infectious	4	6	4	10	2	6	6	1	13	21	9	15	10.1	1.5	
Syphilis - Non-Infectious	2	6	4	2		3		1	4	2	5	4	7.3	0.6	
<b>Vaccine preventable diseases</b>															
H. influenzae type b									0	0	0	0	0.1	0.0	
Influenza	32	37	38	32	15	44	33	19	96	88	110	111	100.9	1.1	
Measles		1	1	1	1	2		1	3	0	1	4	1.9	2.1	
Mumps	2	1		1	3		1	1	2	58	2	5	17.1	0.3	
Pertussis	30	31	29	18	17	26	10	13	49	155	110	66	235.8	0.3	
Pneumococcal infection	2		2	3	5		4	3	7	3	4	12	7.7	1.6	
Rubella (non-congenital)									0	0	0	0	0.0	0.0	
Tetanus									0	0	0	0	0.1	0.0	
Varicella (chicken pox)	18	15	16	10	9	15	12	7	34	22	10	43	24.7	1.7	
Varicella (shingles)	40	38	43	40	17	39	28	18	85	97	85	102	101.3	1.0	
Varicella (unspecified)	34	36	36	25	21	25	44	41	110	98	88	131	102.7	1.3	
<b>Vector-borne diseases</b>															
Arboviral encephalitis									0	4	1	0	0.4	0.0	
Barmah Forest virus	2	1							0	2	2	0	21.5	0.0	
Chikungunya	1		1			1			1	1	1	1	1.3	0.8	
Dengue fever	2	5	2	6	3	7	7	7	21	39	79	24	51.3	0.5	
Malaria	1		1	2	2	2	3	1	6	4	4	8	5.9	1.4	
Ross River virus	15	29	35	16	12	28	25	28	81	37	116	93	149.9	0.6	
Schistosomiasis	13	14	7	8		10	8	1	19	9	18	19	10.2	1.9	
Typhus	1	1	4	1				1	1	1	0	1	2.1	0.5	
<b>Zoonotic diseases</b>															
Brucellosis									0	0	0	0	0.1	0.0	
Leptospirosis			1		1	1			0	0	0	1	0.1	15.0	
Q Fever									0	0	1	0	0.5	0.0	
<b>Other diseases</b>															
Creutzfeldt-Jakob disease									0	2	1	0	0.4	0.0	
Haemolytic Uraemic Syndrome		1	1						0	0	0	0	0.0	0.0	
Legionellosis	3	3		2	2		1	2	3	1	6	5	6.1	0.8	
Leprosy									0	0	0	0	0.3	0.0	
Melioidosis	1								0	0	1	0	0.6	0.0	
Meningococcal infection	1				1				0	2	1	1	1.1	0.9	
Tuberculosis	5	6	3	5	7	3	2	2	7	6	9	14	10.3	1.4	
<b>Grand Total</b>	<b>737</b>	<b>733</b>	<b>664</b>	<b>592</b>	<b>400</b>	<b>642</b>	<b>701</b>	<b>585</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	2017	2016	2015			
	<b>Blood-borne diseases[2]</b>													
Hepatitis B (newly acquired)			1	2				1	1	0	1	1	1.1	0.9
Hepatitis B (unspecified)	11	12	5	9	2	3	7	16	26	22	10	28	32.2	0.9
Hepatitis C (newly acquired)	3	1	2	1			3	1	4	9	6	4	9.2	0.4
Hepatitis C (unspecified)	12	9	24	14	14	12	19	23	54	38	42	68	49.2	1.4
<b>Enteric diseases</b>														
Botulism									0	0	0	0	0.1	0.0
Campylobacteriosis	73	54	71	59	41	62	59	68	189	169	147	230	155.2	1.5
Cryptosporidiosis	1		2	2	2	4	9	7	20	15	7	22	13.8	1.6
Hepatitis A	1								0	3	0	0	1.5	0.0
Hepatitis E									0	0	1	0	0.3	0.0
Listeriosis						1			1	0	1	1	0.5	1.9
Paratyphoid fever									0	2	1	0	1.1	0.0
Rotavirus	5	3	4	3	8	10	5	7	22	6	20	30	18.4	1.6
STEC/VTEC infection	1	1	2						0	3	0	0	0.2	0.0
Salmonellosis	62	37	29	35	34	33	36	37	106	105	80	140	92.3	1.5
Shigellosis			1	1					0	5	5	0	4.0	0.0
Typhoid			1						0	1	0	0	1.1	0.0
Vibrio parahaemolyticus				2					0	5	2	0	1.1	0.0
Yersiniosis									0	1	3	0	0.7	0.0
<b>Sexually transmissible infections</b>														
Chlamydia (genital)	169	187	164	151	100	169	209	154	532	541	530	632	655.1	1.0
Gonorrhoea	67	80	33	40	23	43	44	38	125	92	94	148	93.3	1.6
Syphilis - Infectious	2	5	4	8	1	4	3		7	14	7	8	8.1	1.0
Syphilis - Non-Infectious	2	6	4	2		2		1	3	1	4	3	4.5	0.7
<b>Vaccine preventable diseases</b>														
Influenza	26	33	28	21	11	37	28	15	80	73	85	91	79.1	1.2
Measles		1	1	1	1	2		1	3	0	1	4	1.5	2.7
Mumps				1	2		1	1	2	0	1	4	2.7	1.5
Pertussis	18	24	25	15	9	19	8	9	36	102	87	45	176.3	0.3
Pneumococcal infection	2		1	3	1		3	3	6	1	3	7	3.5	2.0
Rubella (non-congenital)									0	0	0	0	0.0	0.0
Varicella (chicken pox)	14	14	14	9	5	11	6	6	23	15	9	28	17.9	1.6
Varicella (shingles)	31	27	28	30	11	26	17	12	55	72	64	66	76.9	0.9
Varicella (unspecified)	32	36	33	23	17	22	39	35	96	87	80	113	90.0	1.3
<b>Vector-borne diseases</b>														
Arboviral encephalitis									0	3	1	0	0.3	0.0
Barmah Forest virus		1							0	1	0	0	14.5	0.0
Chikungunya	1		1						0	1	1	0	1.2	0.0
Dengue fever	2	4	2	5	3	6	7	6	19	32	65	22	40.9	0.5
Malaria	1			2	2	2	2	1	5	2	2	7	5.3	1.3
Ross River virus	6	11	13	6	7	9	11	13	33	28	90	40	99.2	0.4
Schistosomiasis	12	14	7	7		10	8		18	7	18	18	9.3	1.9
Typhus	1	1	3	1					0	1	0	0	1.7	0.0
<b>Zoonotic diseases</b>														
Brucellosis									0	0	0	0	0.1	0.0
Leptospirosis		1		1	1				0	0	0	1	0.1	15.0
Q Fever									0	0	0	0	0.1	0.0
<b>Other diseases</b>														
Creutzfeldt-Jakob disease									0	0	1	0	0.2	0.0
Haemolytic Uraemic Syndrome		1	1						0	0	0	0	0.0	0.0
Legionellosis	3	2		2	1		1		1	0	5	2	4.3	0.5
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	0.6	1.7
Tuberculosis	3	4	2	5	7	3	2	2	7	4	8	14	8.3	1.7
<b>Grand Total</b>	<b>562</b>	<b>572</b>	<b>508</b>	<b>456</b>	<b>304</b>	<b>490</b>	<b>527</b>	<b>457</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	0.1						
Hepatitis B (unspecified)	1	5 (5)	0.7	7	8 (5)	1.2	8	15 (13)	1.8
Hepatitis C (newly acquired)				1	2 (3)	0.3		2 (6)	0.3
Hepatitis C (unspecified)	2	11 (11)	1.2	15	30 (16)	3.4	6	27 (18)	3.0
<b>Enteric diseases</b>									
Campylobacteriosis	21	92 (72)	9.9	19	62 (75)	7.3	28	76 (62)	9.0
Cryptosporidiosis	1	7 (7)	0.8	4	9 (5)	1.2	2	6 (4)	0.8
Listeriosis		1	0.1						
Rotavirus	2	7 (6)	0.7	2	7 (2)	1.0	3	16 (2)	1.4
STEC/VTEC infection									
Salmonellosis	16	44 (43)	4.5	8	48 (55)	4.6	13	48 (38)	5.7
Shigellosis									
<b>Sexually transmissible infections</b>									
Chlamydia (genital)	44	208 (220)	23.9	53	207 (219)	24.6	57	217 (209)	25.4
Gonorrhoea	12	49 (36)	5.4	6	34 (35)	4.0	20	65 (40)	7.9
Syphilis - Infectious		3 (2)	0.3		2 (2)	0.3		3 (11)	0.4
Syphilis - Non-Infectious					2	0.3	1	1 (1)	0.1
<b>Vaccine preventable diseases</b>									
Influenza	7	28 (30)	3.4	5	30 (30)	3.6	3	33 (27)	4.1
Measles				1	3	0.4		1	
Mumps					1		1	3	0.3
Pertussis	4	18 (40)	1.7	2	15 (58)	1.8	3	12 (31)	1.5
Pneumococcal infection	1	1 (1)	0.1	1	2	0.1	1	4 (1)	0.6
Varicella (chicken pox)	1	10 (8)	0.8	2	7 (7)	1.0	3	11 (6)	1.4
Varicella (shingles)	7	33 (37)	3.9	4	19 (26)	2.1	1	14 (35)	1.5
Varicella (unspecified)	11	41 (46)	4.9	12	38 (35)	4.1	12	34 (29)	4.3
<b>Vector-borne diseases</b>									
Chikungunya									
Dengue fever	1	5 (13)	0.4	2	9 (11)	1.3	3	8 (15)	1.0
Malaria		4 (4)	0.3		1	0.1	1	2 (1)	0.3
Ross River virus	4	10 (10)	1.2	5	18 (16)	2.1	4	12 (4)	1.4
Schistosomiasis		14 (4)	1.8					4 (3)	0.6
Typhus									
<b>Zoonotic diseases</b>									
Leptospirosis					1				
<b>Other diseases</b>									
Legionellosis		1 (1)			1	0.1			
Meningococcal infection					1				
Tuberculosis		2 (2)	0.3	2	6 (1)	0.6		6 (2)	0.1
<b>Grand Total</b>	<b>136</b>	<b>595 (598)</b>		<b>151</b>	<b>563 (601)</b>		<b>170</b>	<b>620 (558)</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)		1	0.5						
Hepatitis B (unspecified)							2		2.5
Hepatitis C (newly acquired)									
Hepatitis C (unspecified)	1	2 (6)	1.1		4 (2)	6.5	1	3 (5)	2.5
<b>Enteric diseases</b>									
Campylobacteriosis	3	22 (19)	9.2	1	3 (4)	1.6	4	9 (7)	10.1
Cryptosporidiosis		1 (1)	0.5		1 (1)	1.6		2 (2)	2.5
Listeriosis									
Rotavirus		1	0.5		1	1.6		2	2.5
STEC/VTEC infection		1	0.5						
Salmonellosis		3 (11)	1.1	1	2 (6)	3.2	1	4 (4)	5.1
Shigellosis		1	0.5				1	1	1.3
<b>Sexually transmissible infections</b>									
Chlamydia (genital)	11	32 (56)	15.7	5	15 (12)	21.0	2	8 (16)	8.9
Gonorrhoea	2	4 (10)	2.2	1	1 (2)	1.6		1 (1)	1.3
Syphilis - Infectious		1 (2)	0.5	1	1	1.6			
Syphilis - Non-Infectious									
<b>Vaccine preventable diseases</b>									
Influenza	1	4 (5)	1.6		3 (1)	3.2	1	1 (4)	1.3
Measles									
Mumps									
Pertussis		5 (48)	1.6	1	9 (1)	6.5	2	2 (2)	2.5
Pneumococcal infection								1	
Varicella (chicken pox)		4 (2)	1.6						
Varicella (shingles)	4	12 (9)	5.4		2 (5)	3.2	2	9 (3)	10.1
Varicella (unspecified)	1	4 (7)	1.1		4	6.5	1	1 (1)	1.3
<b>Vector-borne diseases</b>									
Chikungunya									
Dengue fever									
Malaria									
Ross River virus	10	30 (2)	15.1	2	5 (2)	8.1	1	7 (4)	8.9
Schistosomiasis									
Typhus				1	1	1.6			
<b>Zoonotic diseases</b>									
Leptospirosis									
<b>Other diseases</b>									
Legionellosis		1							
Meningococcal infection									
Tuberculosis									
<b>Grand Total</b>	<b>33</b>	<b>129 (178)</b>		<b>13</b>	<b>52 (36)</b>		<b>16</b>	<b>53 (49)</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)									
Hepatitis B (unspecified)							1	(1)	
Hepatitis C (newly acquired)									
Hepatitis C (unspecified)	2	3 (3)	4.3	1	4	3.2			
<b>Enteric diseases</b>									
Campylobacteriosis	1	6 (4)	8.6	1	7 (4)	6.5	1	3 (4)	2.9
Cryptosporidiosis							2		2.9
Listeriosis									
Rotavirus							1		1.4
STEC/VTEC infection									
Salmonellosis	1	9 (10)	10.0		4 (3)	6.5		4 (4)	2.9
Shigellosis		6 (1)	8.6		1		1		
<b>Sexually transmissible infections</b>									
Chlamydia (genital)	6	14 (25)	18.6	9	22 (28)	30.8	4	17 (22)	21.7
Gonorrhoea	2	7 (3)	10.0	7	18 (11)	21.1		10 (18)	14.5
Syphilis - Infectious									
Syphilis - Non-Infectious					1	1.6			
<b>Vaccine preventable diseases</b>									
Influenza	1	3 (1)	4.3					3 (2)	2.9
Measles									
Mumps									
Pertussis				1	2 (4)	1.6		3 (1)	4.3
Pneumococcal infection		1			2	1.6		1 (1)	
Varicella (chicken pox)							1	9	10.1
Varicella (shingles)		2	1.4		5 (3)	6.5		2 (2)	2.9
Varicella (unspecified)	2	4 (3)	4.3	1	1 (1)	1.6			
<b>Vector-borne diseases</b>									
Chikungunya					1	1.6			
Dengue fever							1	1 (1)	1.4
Malaria								1	1.4
Ross River virus					5	6.5		2	1.4
Schistosomiasis									
Typhus									
<b>Zoonotic diseases</b>									
Leptospirosis									
<b>Other diseases</b>									
Legionellosis	1	1	1.4						
Meningococcal infection									
Tuberculosis									
<b>Grand Total</b>	<b>16</b>	<b>56 (50)</b>		<b>20</b>	<b>73 (54)</b>		<b>7</b>	<b>61 (56)</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)				1	2 (0)	0.1
Hepatitis B (unspecified)				16	31 (28)	1.0
Hepatitis C (newly acquired)				1	4 (11)	0.1
Hepatitis C (unspecified)	1	1 (2)	2.5	29	85 (64)	2.4
<b>Enteric diseases</b>						
Campylobacteriosis		1 (5)	2.5	80	287 (264)	8.5
Cryptosporidiosis	1	2	2.5	8	30 (21)	1.0
Listeriosis				0	1 (0)	0.0
Rotavirus				7	36 (11)	1.0
STEC/VTEC infection		1	2.5	0	2 (4)	0.1
Salmonellosis	1	7 (9)	14.9	41	175 (185)	4.9
Shigellosis		1		1	11 (6)	0.3
<b>Sexually transmissible infections</b>						
Chlamydia (genital)	8	45 (40)	89.3	199	788 (855)	24.4
Gonorrhoea	5	25 (27)	54.6	55	216 (184)	6.7
Syphilis - Infectious		5 (2)	9.9	1	15 (22)	0.5
Syphilis - Non-Infectious				1	4 (2)	0.1
<b>Vaccine preventable diseases</b>						
Influenza		1 (1)	2.5	19	111 (104)	3.5
Measles				1	4 (0)	0.1
Mumps				1	5 (73)	0.1
Pertussis				13	66 (194)	1.8
Pneumococcal infection				3	12 (4)	0.3
Varicella (chicken pox)		1 (2)	2.5	7	43 (30)	1.2
Varicella (shingles)		2 (4)	2.5	18	102 (125)	3.1
Varicella (unspecified)				41	131 (126)	4.0
<b>Vector-borne diseases</b>						
Chikungunya				0	1 (1)	0.0
Dengue fever				7	24 (48)	0.8
Malaria				1	8 (7)	0.2
Ross River virus	2	3 (2)	7.4	28	93 (40)	3.0
Schistosomiasis	1	1	2.5	1	19 (10)	0.7
Typhus				1	1 (1)	0.0
<b>Zoonotic diseases</b>						
Leptospirosis				0	1 (0)	0.0
<b>Other diseases</b>						
Legionellosis	1	1	2.5	2	5 (3)	0.1
Meningococcal infection				0	1 (2)	0.0
Tuberculosis				2	14 (7)	0.1
<b>Grand Total</b>	<b>20</b>	<b>97 (94)</b>		<b>585</b>	<b>2330 (2455)</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	2017	2016
	<b>Salmonella Total</b>	<b>72</b>	<b>45</b>	<b>37</b>	<b>40</b>	<b>40</b>	<b>43</b>	<b>51</b>	<b>41</b>	<b>135</b>
Salmonella Aberdeen	1			1	2				0	1
Salmonella Agona						1			1	0
Salmonella Anatum					1				0	2
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 Chester					1		1		1	2
Salmonella Choleraesuis bv Kunzendorf Australia	1					2			2	0
Salmonella Derby			1				1		1	0
Salmonella Eastbourne	1					1			1	3
Salmonella Enteritidis	4	6	2	2	1	2	3	3	8	5
Salmonella Give		1					2		2	0
Salmonella Give var 15+					2				0	0
Salmonella Hadar	1								0	2
Salmonella Havana	1		1						0	1
Salmonella Heidelberg	1								0	1
Salmonella Hvittingfoss	3			1	1	1	1		2	0
Salmonella Infantis			1	2			2		2	2
Salmonella Isangi						1			1	0
Salmonella Johannesburg						1			1	0
Salmonella Kentucky	1		1			1			1	0
Salmonella Kiambu			1						0	3
Salmonella Lansing							1		1	0
Salmonella Montevideo	1								0	1
Salmonella Muenchen		1				2			2	2
Salmonella Newport	1		1						0	2
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		3	1	1		2		2	8
Salmonella Rubislaw							1		1	0
Salmonella Saintpaul	1		2		1	1			1	3
Salmonella Senftenberg		1							0	3
Salmonella Singapore	1	1		3		2			2	2
Salmonella Stanley		1		1			2		2	8
Salmonella Tennessee		1					1		1	0
Salmonella Typhimurium	47	27	19	24	22	22	25	5	52	53
Salmonella Urbana							1		1	0
Salmonella Virchow		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	7	33	42	8