



Department of Health

STATEWIDE NOTIFIABLE DISEASES WEEKLY REPORT

Epidemiology & Surveillance Program
Communicable Disease Control Directorate

Report for eight week period 25-DEC-17 to 18-FEB-18

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

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

Disease Category/Disease	Week Ending								Cumulative Total to end of week 7			Total Last 4 Weeks	Mean of 15 x 4 week periods[3]	Ratio [4]
	31/12	07/01	14/01	21/01	28/01	04/02	11/02	18/02	2018	2017	2016			
	Blood-borne diseases[2]													
Hepatitis B (newly acquired)	1		1						1	1	3	0	1.7	0.0
Hepatitis B (unspecified)	9	4	5	13	13	13	17	7	72	68	63	50	42.7	1.2
Hepatitis C (newly acquired)	3	1	2	4	4	2	4	1	18	15	15	11	10.3	1.1
Hepatitis C (unspecified)	10	10	24	23	25	16	23	17	138	148	115	81	76.7	1.1
Hepatitis D									0	2	0	0	0.1	0.0
Enteric diseases														
Campylobacteriosis	59	76	69	72	63	51	72	65	468	539	431	251	215.6	1.2
Cholera									0	0	0	0	0.0	0.0
Cryptosporidiosis		5	3	1	4	3	4	5	25	114	43	16	40.8	0.4
Hepatitis A						1			1	2	5	1	2.2	0.5
Hepatitis E									0	1	0	0	0.3	0.0
Listeriosis							2		3	1	1	3	0.5	5.6
Paratyphoid fever		1							2	2	5	1	1.5	0.7
Rotavirus	9	9	9	6	6	9	4	5	48	63	19	24	23.7	1.0
STEC/VTEC infection	3	6	1	1	2	2	2	1	15	11	6	7	1.4	5.0
Salmonellosis	49	42	31	70	45	41	42	28	299	477	350	156	169.5	0.9
Shigellosis	6	11	10	8	5	4	1	3	42	27	14	13	9.7	1.3
Typhoid		1		1					4	1	1	2	0.9	2.1
Vibrio parahaemolyticus	2	1		2					3	3	6	0	1.7	0.0
Yersiniosis				1		1			2	0	3	1	1.1	0.9
Sexually transmissible infections														
Chlamydia (genital)	104	211	272	230	204	250	245	153	1565	1798	1663	852	929.5	0.9
Gonorrhoea	27	63	61	72	66	70	61	46	439	577	383	243	210.4	1.2
Syphilis - Infectious	3	4	10	8	4	9	7	6	48	51	50	26	15.5	1.7
Syphilis - Non-Infectious	6	1	9	2	5	6	2	4	29	22	8	17	7.8	2.2
Vaccine preventable diseases														
Diphtheria	1							1	1	0	0	1	0.0	0.0
H. influenzae type b					1				1	0	0	1	0.0	0.0
Influenza	40	52	54	68	60	99	67	57	457	234	241	283	129.0	2.2
Measles		1							1	7	0	0	2.2	0.0
Mumps		1		2		1			4	6	143	1	21.9	0.0
Pertussis	32	35	27	13	15	16	18	13	137	193	301	62	118.7	0.5
Pneumococcal infection		6	4	2	1	2	1		16	16	10	4	7.9	0.5
Rubella (non-congenital)									0	0	0	0	0.1	0.0
Varicella (chicken pox)	9	8	6	7	11	8	18	7	65	80	55	44	30.7	1.4
Varicella (shingles)	22	38	46	47	38	32	37	15	253	272	229	122	119.1	1.0
Varicella (unspecified)	22	29	39	36	34	38	44	53	273	230	232	169	113.8	1.5
Vector-borne diseases														
Barmah Forest virus	1			2					2	5	2	0	28.9	0.0
Chikungunya									0	4	1	0	1.6	0.0
Dengue fever	1	1	5	7	2	3	1	1	20	45	96	7	50.5	0.1
Malaria		1		1	4	1	1		8	14	13	6	6.2	1.0
Ross River virus	8	17	13	13	12	11	11	15	92	247	68	49	145.3	0.3
Typhus	1	1				1			2	6	2	1	2.1	0.5
West Nile virus/Kunjin virus									0	0	0	0	0.0	0.0
Zika virus									0	0	5	0	0.5	0.0
Zoonotic diseases														
Brucellosis									0	0	0	0	0.0	0.0
Leptospirosis									0	0	0	0	0.1	0.0
Psittacosis									0	1	0	0	0.5	0.0
Q Fever		1		1	1				3	1	0	1	0.6	1.7
Other diseases														
Acute post-streptococcal glomerulonephritis				1	3	2	2		8	1	0	7	0.1	105.0
Creutzfeldt-Jakob disease									0	0	2	0	0.3	0.0
Haemolytic Uraemic Syndrome									0	1	0	0	0.1	0.0
Legionellosis	1		2	1		1			4	6	3	1	5.2	0.2
Leprosy									0	0	0	0	0.3	0.0
Melioidosis									0	2	0	0	0.7	0.0
Meningococcal infection	3	2	1		1	1			5	4	2	2	1.5	1.3
Tuberculosis	11		1	2	1	4	4	7	19	13	17	16	10.5	1.5
Grand Total	443	639	705	717	630	700	688	514						

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

Disease Category/Disease	Week Ending								Cumulative Total to end of week 7			Total Last 4 Weeks	Mean of 15 x 4 week periods[3]	Ratio [4]
	31/12	07/01	14/01	21/01	28/01	04/02	11/02	18/02	2018	2017	2016			
	Blood-borne diseases[2]													
Hepatitis B (newly acquired)			1						1	0	3	0	1.3	0.0
Hepatitis B (unspecified)	6	4	4	9	8	13	14	4	56	59	54	39	32.8	1.2
Hepatitis C (newly acquired)	3	1	1	4	4	1	4	1	16	10	13	10	8.1	1.2
Hepatitis C (unspecified)	8	6	16	14	19	10	21	11	97	109	84	61	55.6	1.1
Hepatitis D									0	1	0	0	0.1	0.0
Enteric diseases														
Campylobacteriosis	46	54	53	57	51	41	51	53	360	441	347	196	169.3	1.2
Cholera									0	0	0	0	0.0	0.0
Cryptosporidiosis		1	2		3	2	4	2	14	90	30	11	26.0	0.4
Hepatitis A						1			1	2	4	1	1.6	0.6
Hepatitis E									0	1	0	0	0.3	0.0
Listeriosis						1		1	2	1	1	2	0.5	3.8
Paratyphoid fever		1						1	2	2	4	1	1.4	0.7
Rotavirus	9	8	7	4	5	9	4	5	42	49	17	23	18.6	1.2
STEC/VTEC infection	3	4	1	1	2	1	2		11	3	2	5	0.5	9.4
Salmonellosis	38	33	22	55	39	35	33	24	241	382	266	131	126.7	1.0
Shigellosis	1	1	3	2	2	1	1	3	13	4	8	7	4.3	1.6
Typhoid		1		1				2	4	1	1	2	0.8	2.5
Vibrio parahaemolyticus	2	1		2					3	3	6	0	1.7	0.0
Yersiniosis				1		1			2	0	3	1	1.0	1.0
Sexually transmissible infections														
Chlamydia (genital)	86	165	225	180	153	193	187	124	1227	1391	1268	657	708.6	0.9
Gonorrhoea	15	34	42	56	37	44	36	32	281	376	248	149	128.4	1.2
Syphilis - Infectious	2	3	10	6	3	9	7	6	44	36	40	25	11.6	2.2
Syphilis - Non-Infectious	4	1	6	2	5	6	1	4	25	18	6	16	5.8	2.8
Vaccine preventable diseases														
Diphtheria	1							1	1	0	0	1	0.0	0.0
Influenza	31	46	38	61	48	83	54	43	373	191	212	228	103.9	2.2
Measles		1							1	7	0	0	1.9	0.0
Mumps		1		2					3	5	3	0	3.3	0.0
Pertussis	23	26	18	9	11	13	15	11	103	155	209	50	88.7	0.6
Pneumococcal infection		2	3	1		1	1		8	14	3	2	4.1	0.5
Rubella (non-congenital)									0	0	0	0	0.1	0.0
Varicella (chicken pox)	6	7	4	6	8	6	11	1	43	54	39	26	21.4	1.2
Varicella (shingles)	15	30	36	38	29	25	28	6	192	192	172	88	90.7	1.0
Varicella (unspecified)	22	27	35	33	30	33	41	50	249	215	200	154	100.7	1.5
Vector-borne diseases														
Barmah Forest virus	1								0	2	1	0	21.2	0.0
Chikungunya									0	2	1	0	1.4	0.0
Dengue fever		1	5	6	2	3		1	18	37	80	6	41.1	0.1
Malaria		1		1	4	1	1		8	13	11	6	5.5	1.1
Ross River virus	6	12	9	8	9	9	8	14	69	117	40	40	88.3	0.5
Typhus	1	1							1	2	2	0	1.3	0.0
Zika virus									0	0	4	0	0.5	0.0
Zoonotic diseases														
Brucellosis									0	0	0	0	0.0	0.0
Leptospirosis									0	0	0	0	0.1	0.0
Psittacosis									0	0	0	0	0.1	0.0
Q Fever				1					1	0	0	0	0.1	0.0
Other diseases														
Creutzfeldt-Jakob disease									0	0	0	0	0.2	0.0
Haemolytic Uraemic Syndrome									0	1	0	0	0.1	0.0
Legionellosis			2	1		1			4	4	1	1	3.7	0.3
Leprosy									0	0	0	0	0.2	0.0
Melioidosis									0	1	0	0	0.1	0.0
Meningococcal infection	3	1	1		1	1			4	4	1	2	1.1	1.9
Tuberculosis	8			2	1	3	4	5	15	13	14	13	9.2	1.4
Grand Total	340	474	544	563	474	547	528	405						

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)						0.1			
Hepatitis B (unspecified)	2	17 (10)	3.0		6 (9)	1.5	2	16 (15)	3.1
Hepatitis C (newly acquired)				1	3 (2)	1.0		7 (3)	1.2
Hepatitis C (unspecified)	6	9 (11)	2.1	3	22 (16)	5.5	2	30 (29)	5.8
Enteric diseases									
Campylobacteriosis	21	78 (91)	17.4	15	62 (68)	17.2	17	56 (70)	14.6
Cryptosporidiosis	1	2 (9)	0.4	1	3 (30)	0.6		6 (16)	0.9
Hepatitis A								1 (2)	0.1
Listeriosis	1	1	0.1					1	0.1
Paratyphoid fever				1	1	0.1		(1)	0.1
Rotavirus	3	9 (9)	2.2	1	6 (5)	1.8	1	8 (9)	1.8
STEC/VTEC infection		4 (1)	0.9		1	0.4		(1)	0.1
Salmonellosis	7	43 (72)	11.8	12	48 (90)	12.7	5	40 (82)	8.5
Shigellosis	1	3 (1)	0.7		2 (2)	0.6	2	2 (1)	0.5
Typhoid	1	1	0.3		(1)	0.1	1	1	0.1
Vibrio parahaemolyticus					(1)	0.4			
Yersiniosis								1	0.3
Sexually transmissible infections									
Chlamydia (genital)	36	200 (262)	52.5	33	217 (249)	57.5	55	240 (280)	58.2
Gonorrhoea	10	38 (66)	8.7	7	36 (73)	10.6	15	75 (95)	19.1
Syphilis - Infectious	1	6 (3)	1.8	2	7 (5)	1.8	3	12 (16)	2.4
Syphilis - Non-Infectious		4 (3)	1.2	1	4 (3)	0.7	3	8 (9)	1.5
Vaccine preventable diseases									
Diphtheria							1	1	0.1
H. influenzae type b									
Influenza	12	84 (34)	19.0	18	78 (39)	17.8	13	66 (24)	14.2
Measles			0.1						
Mumps								(2)	0.4
Pertussis	4	19 (37)	5.7	6	20 (25)	5.4	1	11 (24)	3.0
Pneumococcal infection			0.3		1	0.3		1 (6)	0.5
Varicella (chicken pox)		8 (13)	2.2	1	15 (9)	2.8		3 (3)	0.9
Varicella (shingles)	1	34 (43)	9.1	2	28 (46)	9.5	3	26 (30)	7.7
Varicella (unspecified)	14	52 (49)	10.9	18	58 (41)	14.6	18	44 (39)	8.8
Vector-borne diseases									
Barmah Forest virus									
Dengue fever		2 (5)	0.9	1	3 (3)	1.0		1 (7)	0.5
Malaria		3 (1)	0.5		1 (2)	0.1		2 (4)	0.4
Ross River virus	4	7 (13)	1.2	6	21 (32)	5.3	4	12 (14)	3.2
Typhus					(1)	0.1			
Zoonotic diseases									
Q Fever						0.1			
Other diseases									
Acute post-streptococcal glomerulonephritis (APS)									
Legionellosis		(3)	0.3		1	0.3			
Meningococcal infection		1 (2)	0.1		(1)	0.3		1 (1)	0.1
Tuberculosis		6 (2)	0.9	2	2 (3)	0.4	3	5 (2)	0.7
Grand Total	125	631 (740)		131	646 (756)		149	677 (785)	

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)									
Hepatitis B (unspecified)	2	3 (2)	2.7				1	3 (1)	3.8
Hepatitis C (newly acquired)					1 (2)	1.6			
Hepatitis C (unspecified)		2 (4)	5.3		3 (2)	9.6	2	4 (7)	5.1
Enteric diseases									
Campylobacteriosis	6	24 (17)	26.1	1	4 (10)	16.0	1	8 (8)	16.5
Cryptosporidiosis	1	3 (2)	3.2						
Hepatitis A									
Listeriosis									
Paratyphoid fever									
Rotavirus		(3)	0.5		1	1.6			2.5
STEC/VTEC infection				1	1 (1)	4.8			
Salmonellosis	2	7 (17)	8.0	2	4 (8)	9.6		2 (3)	6.3
Shigellosis									
Typhoid									
Vibrio parahaemolyticus									
Yersiniosis									
Sexually transmissible infections									
Chlamydia (genital)	11	40 (60)	35.1	2	17 (16)	56.1		12 (18)	25.4
Gonorrhoea	2	14 (10)	12.2					1 (3)	2.5
Syphilis - Infectious		(1)	0.5						
Syphilis - Non-Infectious			0.5						
Vaccine preventable diseases									
Diphtheria									
H. influenzae type b									
Influenza	1	14 (1)	14.9		3 (1)	8.0		1 (4)	6.3
Measles									
Mumps									
Pertussis		1 (6)	5.9		7 (5)	19.2	1	1 (1)	5.1
Pneumococcal infection						1.6			
Varicella (chicken pox)		1 (4)	1.1		3 (1)	6.4		(1)	1.3
Varicella (shingles)	6	16 (16)	16.5		4 (5)	11.2	1	3 (2)	6.3
Varicella (unspecified)	1	2 (4)	1.1	1	2 (1)	6.4		2	3.8
Vector-borne diseases									
Barmah Forest virus		(1)	1.1						
Dengue fever									
Malaria									
Ross River virus	1	7 (29)	8.5		1 (9)	4.8		1 (5)	3.8
Typhus					1	1.6			
Zoonotic diseases									
Q Fever								1	1.3
Other diseases									
Acute post-streptococcal glomerulonephritis (APS)									
Legionellosis									
Meningococcal infection									
Tuberculosis	1	1	0.5	1	1	1.6			
Grand Total	34	135 (177)		8	53 (61)		6	39 (53)	

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)					2	4.9		2 (1)	2.9
Hepatitis C (newly acquired)		(1)	1.4						
Hepatitis C (unspecified)	1	5 (8)	10.0		3 (1)	9.9		(2)	2.9
Enteric diseases									
Campylobacteriosis		1 (3)	7.2	2	7 (5)	18.1	2	6 (3)	14.6
Cryptosporidiosis	1	1 (2)	1.4						
Hepatitis A									
Listeriosis									
Paratyphoid fever									
Rotavirus		(5)	1.4			1.6			
STEC/VTEC infection							1		1.5
Salmonellosis		2 (5)	8.6		2 (6)	8.2		4 (11)	8.7
Shigellosis		(8)	1.4		1 (1)	8.2		1 (3)	8.7
Typhoid									
Vibrio parahaemolyticus									
Yersiniosis									
Sexually transmissible infections									
Chlamydia (genital)	5	26 (22)	58.6	2	15 (18)	52.5	1	26 (33)	64.1
Gonorrhoea	2	8 (6)	18.6	2	12 (17)	31.2	2	13 (23)	27.7
Syphilis - Infectious					1	1.6			
Syphilis - Non-Infectious			1.4					(1)	1.5
Vaccine preventable diseases									
Diphtheria									
H. influenzae type b								1	1.5
Influenza	2	6 (1)	10.0	1	7 (2)	14.8	4	7 (1)	11.7
Measles									
Mumps					1	1.6			
Pertussis	1	3 (1)	5.7						
Pneumococcal infection		2	5.7			3.3			
Varicella (chicken pox)					1	1.6			
Varicella (shingles)		1 (4)	1.4	2	4 (2)	6.6		(2)	1.5
Varicella (unspecified)	1	9 (4)	17.2			1.6			1.5
Vector-borne diseases									
Barmah Forest virus									
Dengue fever								1	2.9
Malaria									
Ross River virus								(7)	1.5
Typhus									
Zoonotic diseases									
Q Fever			1.4						
Other diseases									
Acute post-streptococcal glomerulonephritis (APS)					1	1.6			
Legionellosis						1.6			
Meningococcal infection									
Tuberculosis									1.5
Grand Total	13	64 (70)		9	57 (52)		9	62 (87)	

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	0 (0)	0.0
Hepatitis B (unspecified)		1 (2)	7.5	7	50 (41)	2.5
Hepatitis C (newly acquired)				1	11 (11)	0.7
Hepatitis C (unspecified)	2	2 (3)	12.5	17	81 (83)	5.0
Enteric diseases						
Campylobacteriosis		4 (2)	17.6	65	251 (278)	16.9
Cryptosporidiosis	1	1 (4)	10.0	5	16 (70)	0.9
Hepatitis A				0	1 (2)	0.0
Listeriosis		1	2.5	1	3 (0)	0.1
Paratyphoid fever				1	1 (1)	0.1
Rotavirus				5	24 (32)	1.7
STEC/VTEC infection				1	7 (8)	0.5
Salmonellosis		4 (6)	32.6	28	156 (303)	10.8
Shigellosis		3	40.1	3	13 (18)	1.5
Typhoid				2	2 (1)	0.1
Vibrio parahaemolyticus				0	0 (2)	0.1
Yersiniosis				0	1 (0)	0.1
Sexually transmissible infections						
Chlamydia (genital)	6	53 (71)	225.8	153	852*****	56.7
Gonorrhoea	6	41 (55)	178.2	46	243 (355)	15.9
Syphilis - Infectious		(6)	5.0	6	26 (31)	1.7
Syphilis - Non-Infectious				4	17 (17)	0.9
Vaccine preventable diseases						
Diphtheria				1	1 (0)	0.0
H. influenzae type b				0	1 (0)	0.0
Influenza	1	8 (10)	27.6	57	283 (119)	16.5
Measles				0	0 (1)	0.0
Mumps				0	1 (4)	0.1
Pertussis		(1)	2.5	13	62 (105)	5.0
Pneumococcal infection			2.5	0	4 (7)	0.6
Varicella (chicken pox)	5	12 (1)	32.6	7	44 (36)	2.4
Varicella (shingles)		4 (7)	20.1	15	122 (158)	9.2
Varicella (unspecified)				53	169 (139)	9.9
Vector-borne diseases						
Barmah Forest virus				0	0 (5)	0.1
Dengue fever				1	7 (19)	0.7
Malaria				0	6 (7)	0.3
Ross River virus				15	49 (128)	3.3
Typhus				0	1 (4)	0.1
Zoonotic diseases						
Q Fever				0	1 (0)	0.1
Other diseases						
Acute post-streptococcal glomerulonephritis (APS)		6 (1)	17.6	0	7 (1)	0.3
Legionellosis				0	1 (3)	0.1
Meningococcal infection				0	2 (4)	0.2
Tuberculosis				7	16 (7)	0.4
Grand Total	21	140 (169)		514	2533 (3074)	

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

Serotype/Phage	Week Ending								Cumulative Total to end of Week 7	
	31/12	07/01	14/01	21/01	28/01	04/02	11/02	18/02	2018	2017
	Salmonella Total	49	42	31	70	45	41	42	28	299
Salmonella Aberdeen	1			1					1	1
Salmonella Agona		3		1					4	1
Salmonella Albany	1		1						1	0
Salmonella Anatum				1		1	2		4	1
Salmonella Bareilly					1				1	1
Salmonella Cerro						1			1	0
Salmonella Chester	1					2			2	3
Salmonella Choleraesuis bv Australia				2					2	2
Salmonella Choleraesuis bv Decatur				1					1	0
Salmonella Corvallis				1					1	0
Salmonella Eastbourne	1								0	1
Salmonella Enteritidis	2	5	2	2	3	2	2	2	18	24
Salmonella Fremantle subsp II							1		1	1
Salmonella Give	1		1						1	3
Salmonella Hadar						1			1	1
Salmonella Heidelberg				1					1	0
Salmonella Houten subsp IV				1		1			2	0
Salmonella Hvittingfoss			2	2					4	5
Salmonella Infantis		1			1		1		3	6
Salmonella Javiana		1							1	3
Salmonella Kentucky		1	1	1	2	1			6	4
Salmonella Kiambu	1								0	4
Salmonella Kottbus		1							1	0
Salmonella Lindern			1						1	0
Salmonella Mbandaka						1			1	1
Salmonella Meleagridis	1								0	1
Salmonella Mississippi					1				1	0
Salmonella Muenchen	1		1	1		1			3	4
Salmonella Oranienburg			1						1	0
Salmonella Orientalis	2								0	0
Salmonella Orion		1	2						3	0
Salmonella Paratyphi B bv Java	2	1	1		1	1			4	6
Salmonella Poona							2		2	0
Salmonella Rissen		1							1	0
Salmonella Saintpaul	2	5		6	2	4	2		19	9
Salmonella Singapore						2	1		3	9
Salmonella Stanley				1	1	1	1	1	5	15
Salmonella Typhimurium	29	16	13	44	26	18	23	3	143	305
Salmonella Virchow		1	1			1	1		4	3
Salmonella Welikade		1	1						2	1
Salmonella Weltevreden		1	1						2	3
Salmonella species	4	2	2	4	7	3	6	22	46	20
Salmonella subsp 1 ser 1,4,12:i:-		1							1	0