



Department of Health

STATEWIDE NOTIFIABLE DISEASES WEEKLY REPORT

Epidemiology & Surveillance Program
Communicable Disease Control Directorate

Report for eight week period 11-DEC-17 to 04-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 5			Total Last 4 Weeks	Mean of 15 x 4 week periods[3]	Ratio [4]
	17/12	24/12	31/12	07/01	14/01	21/01	28/01	04/02	2018	2017	2016			
	Blood-borne diseases[2]													
Hepatitis B (newly acquired)			1	1		1			1	1	1	1	1.7	0.6
Hepatitis B (unspecified)	6	12	9	4	5	13	13	13	48	46	40	44	42.3	1.0
Hepatitis C (newly acquired)	1	2	3	1	2	4	1	1	9	11	11	8	10.8	0.7
Hepatitis C (unspecified)	17	18	10	10	24	23	28	17	102	109	83	92	76.5	1.2
Hepatitis D									0	0	0	0	0.4	0.0
Enteric diseases														
Campylobacteriosis	61	65	59	74	64	63	53	50	304	419	318	230	219.2	1.0
Cholera									0	0	0	0	0.0	0.0
Cryptosporidiosis	1	2		5	3	1	2	2	13	80	36	8	35.1	0.2
Hepatitis A									0	1	3	0	2.1	0.0
Hepatitis E									0	1	0	0	0.3	0.0
Listeriosis									0	1	0	0	0.7	0.0
Paratyphoid fever									0	2	4	0	1.3	0.0
Rotavirus	5	7	9	9	9	5	7	7	37	49	11	28	25.3	1.1
STEC/VTEC infection	3	1	3	6	1	1	1	2	11	9	4	5	1.6	3.1
Salmonellosis	42	34	49	41	29	59	42	34	205	332	235	164	155.3	1.1
Shigellosis	8	3	6	10	10	7	6	2	35	17	11	25	10.1	2.5
Typhoid	1					1			1	0	1	1	1.0	1.0
Vibrio parahaemolyticus	1	1	2	1		2			3	2	5	2	1.4	1.4
Yersiniosis						1			1	0	3	1	0.9	1.2
Sexually transmissible infections														
Chlamydia (genital)	219	226	102	206	266	225	197	202	1096	1261	1189	890	890.1	1.0
Gonorrhoea	56	56	27	61	60	72	60	47	300	404	261	239	205.4	1.2
Syphilis - Infectious	6	5	3	6	10	7	6	7	36	36	39	30	15.3	2.0
Syphilis - Non-Infectious	5	2	6	1	8	2	4	4	19	16	5	18	6.9	2.6
Vaccine preventable diseases														
Diphtheria				1					0	0	0	0	0.0	0.0
H. influenzae type b							1		1	0	0	1	0.1	15.0
Influenza	75	47	40	52	53	65	48	66	284	171	156	232	116.6	2.0
Measles				1					1	6	0	0	2.3	0.0
Mumps		2		1		2			3	6	100	2	20.3	0.1
Pertussis	25	21	31	29	23	12	13	14	91	148	235	62	127.3	0.5
Pneumococcal infection	4	1		6	4	1	2	1	14	11	4	8	8.2	1.0
Rubella (non-congenital)									0	0	0	0	0.1	0.0
Varicella (chicken pox)	8	7	9	8	6	6	10	2	32	63	37	24	29.3	0.8
Varicella (shingles)	34	21	22	35	40	42	24	6	147	200	162	112	117.6	1.0
Varicella (unspecified)	27	33	22	30	41	40	40	51	202	166	160	172	111.9	1.5
Vector-borne diseases														
Barmah Forest virus	1	2	1			1			1	1	2	1	23.6	0.0
Chikungunya									0	3	1	0	1.7	0.0
Dengue fever	3	1	1	1	4	7	2		14	37	63	13	46.4	0.3
Malaria				1		1	3	2	7	10	9	6	6.5	0.9
Ross River virus	16	5	6	15	13	12	13	7	60	182	56	45	133.3	0.3
Typhus		1	1	1			1	2	4	5	2	3	2.3	1.3
West Nile virus/Kunjin virus									0	0	0	0	0.0	0.0
Zika virus									0	0	5	0	0.4	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	0.4	0.0
Q Fever				1			1		2	1	0	1	0.5	2.1
Other diseases														
Acute post-streptococcal glomerulonephritis						1	3	1	5	0	0	5	0.1	75.0
Creutzfeldt-Jakob disease									0	0	2	0	0.3	0.0
Haemolytic Uraemic Syndrome									0	1	0	0	0.1	0.0
Legionellosis				1	1	3	1		5	4	3	4	5.5	0.7
Leprosy									0	0	0	0	0.3	0.0
Melioidosis									0	2	0	0	0.7	0.0
Meningococcal infection	1		3	2	1		1	1	5	2	2	3	1.5	2.0
Tuberculosis	9	1	11		1	2	1	4	8	7	9	8	10.8	0.7
Grand Total	635	577	438	619	681	679	583	545						

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

Disease Category/Disease	Week Ending								Cumulative Total to end of week 5			Total Last 4 Weeks	Mean of 15 x 4 week periods[3]	Ratio [4]
	17/12	24/12	31/12	07/01	14/01	21/01	28/01	04/02	2018	2017	2016			
	Blood-borne diseases[2]													
Hepatitis B (newly acquired)			1			1			1	0	1	1	1.3	0.8
Hepatitis B (unspecified)	5	8	6	4	4	9	8	13	38	41	33	34	31.7	1.1
Hepatitis C (newly acquired)	1	2	3	1	1	4	1		7	7	10	6	8.5	0.7
Hepatitis C (unspecified)	11	13	8	6	16	14	22	11	69	83	60	63	55.2	1.1
Hepatitis D									0	0	0	0	0.4	0.0
Enteric diseases														
Campylobacteriosis	45	47	46	52	49	48	44	41	234	345	261	182	170.7	1.1
Cholera									0	0	0	0	0.0	0.0
Cryptosporidiosis		1		1	2		1	2	6	60	24	5	22.1	0.2
Hepatitis A									0	1	3	0	1.5	0.0
Hepatitis E									0	1	0	0	0.3	0.0
Listeriosis									0	1	0	0	0.7	0.0
Paratyphoid fever									0	2	3	0	1.3	0.0
Rotavirus	5	7	9	8	7	3	6	7	31	40	10	23	20.0	1.2
STEC/VTEC infection	2	1	3	4	1	1	1	2	9	2	2	5	0.7	7.5
Salmonellosis	28	24	38	32	21	45	37	26	161	268	171	129	117.3	1.1
Shigellosis	1	2	1	1	3	2	2		8	0	6	7	4.7	1.5
Typhoid	1					1			1	0	1	1	0.8	1.3
Vibrio parahaemolyticus	1	1	2	1		2			3	2	5	2	1.3	1.5
Yersiniosis						1			1	0	3	1	0.7	1.4
Sexually transmissible infections														
Chlamydia (genital)	170	186	84	160	221	177	150	166	874	987	887	714	682.2	1.0
Gonorrhoea	28	34	15	32	41	56	35	37	201	262	161	169	123.2	1.4
Syphilis - Infectious	4	5	2	4	10	6	4	7	31	25	31	27	11.8	2.3
Syphilis - Non-Infectious	4	1	4	1	6	2	4	4	17	12	3	16	4.9	3.2
Vaccine preventable diseases														
Diphtheria			1						0	0	0	0	0.0	0.0
Influenza	52	35	31	46	37	60	37	59	239	142	133	193	94.9	2.0
Measles				1					1	6	0	0	2.1	0.0
Mumps		2		1		2			3	5	1	2	3.4	0.6
Pertussis	15	16	21	21	15	8	11	12	67	118	155	46	93.8	0.5
Pneumococcal infection	2	1		2	3	1			6	10	1	4	4.3	0.9
Rubella (non-congenital)									0	0	0	0	0.1	0.0
Varicella (chicken pox)	7	4	6	7	4	5	7	1	24	42	23	17	21.1	0.8
Varicella (shingles)	27	16	15	28	32	33	16	4	113	141	120	85	88.3	1.0
Varicella (unspecified)	25	30	22	28	36	37	37	46	184	154	137	156	99.8	1.6
Vector-borne diseases														
Barmah Forest virus		1	1						0	1	1	0	16.8	0.0
Chikungunya									0	1	1	0	1.5	0.0
Dengue fever	3	1		1	4	6	2		13	30	52	12	37.7	0.3
Malaria				1		1	3	2	7	9	7	6	5.7	1.1
Ross River virus	13	3	5	10	8	7	10	5	40	81	34	30	83.9	0.4
Typhus		1	1	1					3	2	2	2	1.7	1.2
Zika virus									0	0	4	0	0.3	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	0.0	0.0
Q Fever									0	0	0	0	0.1	0.0
Other diseases														
Creutzfeldt-Jakob disease									0	0	0	0	0.1	0.0
Haemolytic Uraemic Syndrome									0	1	0	0	0.1	0.0
Legionellosis				1	2	1			4	2	1	3	3.8	0.8
Leprosy									0	0	0	0	0.2	0.0
Melioidosis									0	1	0	0	0.1	0.0
Meningococcal infection	1		3	1	1		1	1	4	2	1	3	1.1	2.6
Tuberculosis	8		8			2	1	3	6	7	8	6	9.2	0.7
Grand Total	459	443	335	456	525	534	440	451						

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	0.1			
Hepatitis B (unspecified)	6	15 (10)	2.1		5 (9)	0.9	7	14 (19)	2.2
Hepatitis C (newly acquired)					3 (5)	0.6		3 (2)	0.4
Hepatitis C (unspecified)		6 (12)	1.0	5	29 (29)	4.4	6	28 (30)	4.2
Enteric diseases									
Campylobacteriosis	13	65 (107)	10.8	13	63 (79)	11.8	15	54 (88)	9.5
Cryptosporidiosis		2 (10)	0.3		1 (24)	0.1	2	2 (18)	0.4
Rotavirus	3	6 (8)	1.6	1	7 (8)	1.3	3	10 (13)	1.4
STEC/VTEC infection	2	2 (1)	0.7		3	0.4			0.1
Salmonellosis	8	51 (67)	8.3	8	43 (81)	8.0	10	35 (76)	5.7
Shigellosis		2	0.4		3	0.4		2	0.3
Typhoid		1	0.1						
Vibrio parahaemolyticus					2 (1)	0.4			
Yersiniosis								1	0.1
Sexually transmissible infections									
Chlamydia (genital)	55	245 (259)	39.3	54	225 (264)	41.0	57	244 (278)	39.4
Gonorrhoea	10	43 (56)	6.4	10	44 (68)	7.7	17	82 (88)	13.4
Syphilis - Infectious	2	12 (3)	1.7	1	5 (5)	0.9	4	10 (11)	1.6
Syphilis - Non-Infectious	1	6 (2)	0.8	1	2 (3)	0.4	2	8 (5)	1.1
Vaccine preventable diseases									
H. influenzae type b									
Influenza	23	77 (35)	12.9	21	69 (39)	11.5	15	47 (31)	8.3
Measles			0.1						
Mumps								2 (4)	0.4
Pertussis	9	25 (38)	4.3	2	12 (22)	2.8	1	9 (30)	2.0
Pneumococcal infection		1 (1)	0.3		3	0.1		3 (6)	0.4
Varicella (chicken pox)	1	9 (11)	1.7		6 (10)	1.0		2 (8)	0.5
Varicella (shingles)	2	31 (50)	5.1		28 (31)	5.7	2	26 (34)	4.7
Varicella (unspecified)	15	54 (51)	8.5	16	64 (44)	10.6	15	38 (37)	6.2
Vector-borne diseases									
Barmah Forest virus									
Dengue fever		6 (7)	0.8		4 (7)	0.6		2 (10)	0.4
Malaria	1	3 (1)	0.4		1 (3)	0.1	1	2 (3)	0.4
Ross River virus		2 (19)	0.4	4	18 (25)	2.9	1	10 (14)	2.3
Typhus	2	2	0.3		1	0.1			
Zoonotic diseases									
Q Fever									
Other diseases									
Acute post-streptococcal glomerulonephritis (APS)									
Legionellosis		2 (1)	0.3		1 (1)	0.3			
Meningococcal infection		1 (2)	0.1		1	0.3	1	1	0.1
Tuberculosis	2	4	0.5		1 (3)	0.1	1	1 (1)	0.1
Grand Total	155	673 (751)		136	641 (765)		160	636 (806)	

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 (1)	1.1					1 (2)	1.3
Hepatitis C (newly acquired)				1	1 (1)	1.6			
Hepatitis C (unspecified)		8 (3)	5.3	2	6 (4)	9.6	2	2 (6)	2.5
Enteric diseases									
Campylobacteriosis	3	20 (21)	14.9		4 (9)	12.8	3	5 (12)	10.1
Cryptosporidiosis		3 (3)	2.1						
Rotavirus		1 (1)	0.5		1	1.6		2 (1)	2.5
STEC/VTEC infection					(1)	3.2			
Salmonellosis	1	7 (10)	4.8	1	1 (5)	4.8	1	4 (4)	5.1
Shigellosis									
Typhoid									
Vibrio parahaemolyticus									
Yersiniosis									
Sexually transmissible infections									
Chlamydia (genital)	11	37 (48)	24.5	5	22 (22)	44.9	1	8 (17)	15.2
Gonorrhoea	3	11 (10)	7.4					1 (2)	1.3
Syphilis - Infectious		(2)	0.5						
Syphilis - Non-Infectious		1	0.5						
Vaccine preventable diseases									
H. influenzae type b									
Influenza	2	15 (3)	9.6	1	3 (3)	4.8		5 (3)	6.3
Measles									
Mumps									
Pertussis		5 (10)	5.3	1	5 (6)	9.6		1 (1)	3.8
Pneumococcal infection						1.6			
Varicella (chicken pox)		(4)	0.5	1	4	6.4		1	1.3
Varicella (shingles)	2	16 (18)	11.2		2 (4)	3.2		2 (9)	2.5
Varicella (unspecified)				1	5 (1)	8.0	2	3	3.8
Vector-borne diseases									
Barmah Forest virus		1	0.5						
Dengue fever									
Malaria									
Ross River virus	1	9 (40)	6.9	1	3 (9)	4.8		3 (10)	3.8
Typhus									
Zoonotic diseases									
Q Fever								1 (1)	1.3
Other diseases									
Acute post-streptococcal glomerulonephritis (APS)									
Legionellosis									
Meningococcal infection									
Tuberculosis									
Grand Total	23	136 (174)		14	57 (65)		9	39 (68)	

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)					3	4.9		1	1.5
Hepatitis C (newly acquired)		1 (1)	1.4						
Hepatitis C (unspecified)	2	5 (5)	7.2		5 (2)	8.2		1	2.9
Enteric diseases									
Campylobacteriosis		3 (5)	7.2	1	5 (3)	11.5	1	6 (3)	10.2
Cryptosporidiosis									
Rotavirus		(3)	1.4		1	1.6			
STEC/VTEC infection									
Salmonellosis		5 (6)	7.2		3 (5)	6.6	3	3 (12)	7.3
Shigellosis		1 (8)	1.4	1	1 (1)	8.2		5 (2)	7.3
Typhoid									
Vibrio parahaemolyticus									
Yersiniosis									
Sexually transmissible infections									
Chlamydia (genital)	6	19 (14)	34.3	4	22 (27)	41.1	5	26 (33)	42.3
Gonorrhoea		4 (11)	10.0	1	8 (18)	18.1		11 (24)	17.5
Syphilis - Infectious					1	1.6			1.5
Syphilis - Non-Infectious		1	1.4						
Vaccine preventable diseases									
H. influenzae type b								1	1.5
Influenza	1	3 (2)	4.3	1	3 (2)	4.9			1.5
Measles									
Mumps									
Pertussis	1	2	2.9						
Pneumococcal infection	1	2	5.7		1 (1)	3.3			
Varicella (chicken pox)					1	1.6			
Varicella (shingles)		1 (5)	1.4					1 (1)	1.5
Varicella (unspecified)	2	7 (2)	10.0			1.6			1.5
Vector-borne diseases									
Barmah Forest virus									
Dengue fever								1	1.5
Malaria									
Ross River virus								(3)	1.5
Typhus					1 (1)	1.6			
Zoonotic diseases									
Q Fever			1.4						
Other diseases									
Acute post-streptococcal glomerulonephritis (APS)									
Legionellosis								1	1.5
Meningococcal infection						1.6			
Tuberculosis								1	1.5
Grand Total	13	54 (62)		8	55 (60)		9	58 (78)	

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)		3 (1)	7.5	13	44 (43)	1.7
Hepatitis C (newly acquired)				1	8 (11)	0.3
Hepatitis C (unspecified)		2 (2)	7.5	17	92 (93)	3.7
Enteric diseases						
Campylobacteriosis		4 (1)	10.0	50	230 (333)	11.0
Cryptosporidiosis		(5)	7.5	2	8 (72)	0.5
Rotavirus				7	28 (36)	1.3
STEC/VTEC infection				2	5 (7)	0.4
Salmonellosis	2	9 (7)	27.6	34	164 (274)	7.4
Shigellosis	1	10	37.6	2	25 (14)	1.3
Typhoid				0	1 (0)	0.0
Vibrio parahaemolyticus				0	2 (2)	0.1
Yersiniosis				0	1 (0)	0.0
Sexually transmissible infections						
Chlamydia (genital)	4	36 (65)	130.5	202	890*****	39.7
Gonorrhoea	4	28 (47)	110.4	47	239 (330)	10.9
Syphilis - Infectious		2 (6)	5.0	7	30 (28)	1.3
Syphilis - Non-Infectious				4	18 (13)	0.5
Vaccine preventable diseases						
H. influenzae type b				0	1 (0)	0.0
Influenza		7 (4)	20.1	66	232 (127)	10.3
Measles				0	0 (4)	0.0
Mumps				0	2 (6)	0.1
Pertussis		1	2.5	14	62 (112)	3.3
Pneumococcal infection		1	2.5	1	8 (11)	0.5
Varicella (chicken pox)		1 (1)	2.5	2	24 (43)	1.2
Varicella (shingles)		3 (4)	12.5	6	112 (160)	5.3
Varicella (unspecified)				51	172 (143)	7.3
Vector-borne diseases						
Barmah Forest virus				0	1 (1)	0.0
Dengue fever				0	13 (30)	0.5
Malaria				2	6 (7)	0.3
Ross River virus				7	45 (134)	2.2
Typhus				2	3 (4)	0.1
Zoonotic diseases						
Q Fever				0	1 (1)	0.1
Other diseases						
Acute post-streptococcal glomerulonephritis (APS)	1	5	12.5	1	5 (0)	0.2
Legionellosis				0	4 (4)	0.2
Meningococcal infection				1	3 (2)	0.2
Tuberculosis				4	8 (4)	0.2
Grand Total	12	112 (143)		545	2488 (3117)	

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

Serotype/Phage	Week Ending								Cumulative Total to end of Week 5	
	17/12	24/12	31/12	07/01	14/01	21/01	28/01	04/02	2018	2017
	Salmonella Total	42	34	49	41	29	59	42	34	205
Salmonella Aberdeen			1			1			1	0
Salmonella Agona				3		1			4	1
Salmonella Albany		1	1		1				1	0
Salmonella Anatum	1	1				1		1	2	0
Salmonella Birkenhead		1							0	0
Salmonella Bovismorbificans		1							0	3
Salmonella Bredeney	1								0	0
Salmonella Cerro							1		1	0
Salmonella Chester	1	1	1						0	3
Salmonella Choleraesuis bv Australia						1			1	2
Salmonella Choleraesuis bv Decatur						1			1	0
Salmonella Corvallis						1			1	0
Salmonella Eastbourne			1						0	1
Salmonella Enteritidis	1	1	2	4	1	3	3	1	12	17
Salmonella Give			1		1				1	3
Salmonella Heidelberg						1			1	0
Salmonella Houten subsp IV						1			1	0
Salmonella Hvittingfoss	2				2	2			4	4
Salmonella Infantis				1				1	2	6
Salmonella Javiana				1					1	2
Salmonella Kentucky	1			1	1	1	1	1	5	3
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			2	4
Salmonella Newport	2								0	1
Salmonella Ohio		1							0	0
Salmonella Oranienburg					1				1	0
Salmonella Orientalis			2						0	0
Salmonella Orion				1	2				3	0
Salmonella Paratyphi B bv Java			2	1	1				2	5
Salmonella Rissen	1			1					1	0
Salmonella Saintpaul	1	2	2	5		4	3	1	13	4
Salmonella Singapore	1							1	1	5
Salmonella Stanley	1	1				1	1		2	13
Salmonella Typhimurium	24	17	29	16	13	36	23	10	98	205
Salmonella Virchow	1	4		1	1				2	2
Salmonella Wandsworth	1								0	0
Salmonella Welikade				1	1				2	0
Salmonella Weltevreden	1			1	1				2	2
Salmonella species	2	3	4	3	1	3	9	17	33	16