



Department of Health

STATEWIDE NOTIFIABLE DISEASES WEEKLY REPORT

Epidemiology & Surveillance Program Communicable Disease Control Directorate

Report for eight week period 11-DEC-16 to 04-FEB-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 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	2017	2016	2015			
	Blood-borne diseases[2]													
Hepatitis B (newly acquired)	1			1		1	1		3	1	1	2	1.6	1.3
Hepatitis B (unspecified)	6	12	3	3	9	16	9	11	48	40	31	45	46.6	1.0
Hepatitis C (newly acquired)	2	1	1		1	2	7	1	11	11	11	11	10.5	1.0
Hepatitis C (unspecified)	33	22	16	17	24	26	21	22	110	86	85	93	72.0	1.3
Enteric diseases														
Botulism									0	0	0	0	0.0	0.0
Campylobacteriosis	86	77	57	84	93	74	70	65	386	319	304	302	200.6	1.5
Cryptosporidiosis	2	4	4	7	15	16	13	14	65	36	30	58	28.0	2.1
Hepatitis A							1		1	3	1	1	2.4	0.4
Hepatitis E						1			1	0	1	1	0.3	3.8
Listeriosis				1					1	0	1	0	0.7	0.0
Paratyphoid fever									0	4	2	0	1.3	0.0
Rotavirus	4	4	8	12	8	7	8	4	39	11	39	27	21.1	1.3
STEC/VTEC infection	3			1	1			3	5	5	0	4	0.5	7.5
Salmonellosis	37	43	42	48	61	59	62	54	284	235	204	236	133.1	1.8
Shigellosis	4	1	3	3	5		5	3	16	11	21	13	8.5	1.5
Typhoid								1	1	1	2	1	1.5	0.7
Vibrio parahaemolyticus	2					1		1	2	5	2	2	1.2	1.7
Yersiniosis									0	3	4	0	0.9	0.0
Sexually transmissible infections														
Chlamydia (genital)	206	190	122	213	266	247	191	240	1157	1189	1132	944	880.6	1.1
Gonorrhoea	54	59	32	70	66	77	60	77	350	261	204	280	180.4	1.6
Syphilis - Infectious	4	10	2	6	8	4	4	7	29	39	14	23	10.6	2.2
Syphilis - Non-Infectious	4	2		3	1	1	4	4	13	5	10	10	7.1	1.4
Vaccine preventable diseases														
H. influenzae type b									0	0	0	0	0.1	0.0
Influenza	38	32	15	44	34	33	22	23	156	156	185	112	105.5	1.1
Measles	1	1	1	2		4			6	0	1	4	1.7	2.3
Mumps		1	3		1	1	3	1	6	100	3	6	19.7	0.3
Pertussis	28	19	20	31	15	19	17	14	96	235	167	65	218.7	0.3
Pneumococcal infection	2	3	5		4	3	2		9	4	8	9	7.3	1.2
Rubella (non-congenital)								1	1	0	0	1	0.1	7.5
Tetanus									0	0	0	0	0.1	0.0
Varicella (chicken pox)	16	10	9	16	13	9	8	6	52	37	28	36	23.8	1.5
Varicella (shingles)	43	40	18	38	34	30	34	14	150	164	136	112	103.0	1.1
Varicella (unspecified)	36	25	21	25	40	34	39	57	195	160	142	170	102.3	1.7
Vector-borne diseases														
Arboviral encephalitis									0	5	1	0	0.4	0.0
Barmah Forest virus									0	2	5	0	26.3	0.0
Chikungunya	1			1					1	1	4	0	1.3	0.0
Dengue fever	2	6	3	7	8	10	2	5	32	63	128	25	58.5	0.4
Malaria	1	3	1	3	2	1	3		9	9	9	6	5.3	1.1
Ross River virus	34	19	16	34	26	28	24	20	132	58	188	98	167.0	0.6
Schistosomiasis	7	8		10	8	4	11	1	34	18	24	24	9.7	2.5
Typhus	3	1		1			1	1	3	2	2	2	1.9	1.0
Zoonotic diseases														
Brucellosis									0	0	0	0	0.1	0.0
Leptospirosis		1	1						0	0	0	0	0.1	0.0
Psittacosis							1		1	0	0	1	0.5	2.1
Q Fever									0	0	1	0	0.5	0.0
Other diseases														
Creutzfeldt-Jakob disease									0	2	1	0	0.3	0.0
Haemolytic Uraemic Syndrome	1								0	0	0	0	0.0	0.0
Legionellosis		1	2		3		1		4	3	11	4	6.1	0.7
Leprosy									0	0	0	0	0.3	0.0
Melioidosis									0	0	1	0	0.6	0.0
Meningococcal infection			1				2		2	2	1	2	1.3	1.6
Tuberculosis	3	5	7	3	1	2	1		7	9	13	4	10.2	0.4
Grand Total	664	600	413	684	747	710	627	650						

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	2017	2016	2015			
	Blood-borne diseases[2]													
Hepatitis B (newly acquired)	1					1	1		2	1	1	2	1.3	1.6
Hepatitis B (unspecified)	6	9	2	3	7	16	8	8	42	33	24	39	32.9	1.2
Hepatitis C (newly acquired)	2	1	1		1	2	3	1	7	10	7	7	8.5	0.8
Hepatitis C (unspecified)	24	14	13	12	21	21	14	16	84	62	64	72	51.3	1.4
Enteric diseases														
Botulism									0	0	0	0	0.0	0.0
Campylobacteriosis	72	58	44	70	74	60	57	56	317	261	236	247	154.1	1.6
Cryptosporidiosis	2	2	3	7	9	15	8	9	48	24	19	41	15.5	2.6
Hepatitis A							1		1	3	1	1	1.5	0.7
Hepatitis E						1			1	0	1	1	0.2	5.0
Listeriosis				1					1	0	1	0	0.7	0.0
Paratyphoid fever									0	3	2	0	1.2	0.0
Rotavirus	4	3	8	10	5	7	8	3	33	10	34	23	16.9	1.4
STEC/VTEC infection	2								0	3	0	0	0.2	0.0
Salmonellosis	29	38	35	36	47	50	49	42	224	171	139	188	97.3	1.9
Shigellosis	1								0	6	8	0	4.9	0.0
Typhoid								1	1	1	2	1	1.1	0.9
Vibrio parahaemolyticus	2					1		1	2	5	2	2	1.1	1.9
Yersiniosis									0	3	3	0	0.8	0.0
Sexually transmissible infections														
Chlamydia (genital)	165	154	100	175	212	185	142	197	911	887	876	736	667.0	1.1
Gonorrhoea	33	39	23	46	44	44	34	61	229	161	140	183	98.9	1.8
Syphilis - Infectious	4	8	1	4	5	2	3	5	19	31	9	15	8.7	1.7
Syphilis - Non-Infectious	4	2		2		1	4	3	10	3	8	8	4.7	1.7
Vaccine preventable diseases														
Influenza	28	21	11	37	28	26	17	19	127	133	150	90	82.0	1.1
Measles	1	1	1	2		4			6	0	1	4	1.3	3.0
Mumps		1	2		1	1	2		4	1	2	4	2.9	1.4
Pertussis	25	15	12	24	11	16	14	12	77	155	136	53	164.1	0.3
Pneumococcal infection	1	3	1		3	3	2		8	1	5	8	3.1	2.6
Rubella (non-congenital)								1	1	0	0	1	0.1	15.0
Varicella (chicken pox)	14	9	5	12	7	7	4	5	35	23	21	23	17.7	1.3
Varicella (shingles)	28	30	11	26	21	24	28	9	108	120	107	82	78.3	1.0
Varicella (unspecified)	33	23	17	22	36	28	34	52	172	137	127	150	90.1	1.7
Vector-borne diseases														
Arboviral encephalitis									0	4	1	0	0.3	0.0
Barmah Forest virus									0	1	0	0	18.5	0.0
Chikungunya	1								0	1	3	0	1.3	0.0
Dengue fever	2	5	3	6	8	7	2	3	26	52	101	20	47.3	0.4
Malaria		3	1	2	2	1	3		8	7	7	6	4.8	1.3
Ross River virus	13	6	9	16	12	13	9	6	56	35	137	40	110.9	0.4
Schistosomiasis	7	7		10	8	4	11	1	34	16	24	24	8.9	2.7
Typhus	2	1							0	2	1	0	1.5	0.0
Zoonotic diseases														
Brucellosis									0	0	0	0	0.1	0.0
Leptospirosis			1	1					0	0	0	0	0.1	0.0
Q Fever									0	0	0	0	0.1	0.0
Other diseases														
Creutzfeldt-Jakob disease									0	0	1	0	0.1	0.0
Haemolytic Uraemic Syndrome	1								0	0	0	0	0.0	0.0
Legionellosis			1	1		1			1	1	8	1	4.3	0.2
Leprosy									0	0	0	0	0.2	0.0
Meningococcal infection				1				2	2	1	0	2	0.7	2.7
Tuberculosis	2	5	7	3	1	2	1		7	7	10	4	8.4	0.5
Grand Total	509	460	313	526	564	542	461	511						

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)		2	0.3						
Hepatitis B (unspecified)	3	9 (4)	1.4	1	11 (10)	1.6	4	19 (12)	2.8
Hepatitis C (newly acquired)					5 (3)	0.7	1	2 (3)	0.3
Hepatitis C (unspecified)	4	12 (13)	1.8	6	29 (17)	5.0	6	31 (22)	5.0
Enteric diseases									
Campylobacteriosis	24	97 (66)	17.0	16	72 (67)	12.9	16	78 (53)	13.9
Cryptosporidiosis	2	10 (10)	1.7	3	16 (6)	2.7	4	15 (6)	2.3
Hepatitis A							1		0.1
Hepatitis E							1		0.1
Listeriosis			0.1						
Rotavirus	1	4 (4)	0.9		7	1.3	2	12 (3)	2.3
STEC/VTEC infection									
Salmonellosis	10	57 (43)	8.8	15	64 (54)	11.0	17	67 (37)	11.4
Shigellosis									
Typhoid				1	1 (1)	0.1			
Vibrio parahaemolyticus				1	1 (1)	0.1		1 (2)	0.1
Sexually transmissible infections									
Chlamydia (genital)	74	243 (238)	41.2	61	243 (228)	43.1	62	250 (267)	42.3
Gonorrhoea	15	48 (53)	8.5	18	54 (38)	9.3	28	81 (40)	13.9
Syphilis - Infectious	1	4 (8)	0.7	1	5 (4)	0.9	3	6 (13)	1.1
Syphilis - Non-Infectious		2	0.3	1	2	0.6	2	4 (3)	0.6
Vaccine preventable diseases									
Influenza	5	32 (36)	5.5	8	32 (36)	6.4	6	26 (38)	5.8
Measles					4	0.9			
Mumps		1 (1)	0.1					3 (1)	0.4
Pertussis	6	25 (38)	4.2	2	11 (40)	2.8	4	17 (39)	3.6
Pneumococcal infection		1	0.1		1	0.1		6 (1)	0.8
Rubella (non-congenital)	1	1	0.1						
Varicella (chicken pox)	2	6 (7)	1.2	3	9 (4)	1.9		8 (7)	1.8
Varicella (shingles)	2	31 (31)	5.9	2	24 (21)	4.3	5	27 (36)	4.7
Varicella (unspecified)	25	63 (45)	9.5	13	48 (25)	7.7	14	39 (38)	6.6
Vector-borne diseases									
Chikungunya									
Dengue fever	2	7 (17)	0.9		6 (18)	1.3	1	7 (12)	1.4
Malaria		1 (3)	0.4		3 (1)	0.4		2 (3)	0.3
Ross River virus	1	14 (6)	2.5	2	16 (13)	3.1	3	10 (3)	2.2
Schistosomiasis		18 (6)	3.3		1 (3)	0.1	1	5 (3)	1.1
Typhus									
Zoonotic diseases									
Psittacosis									
Other diseases									
Legionellosis					1	0.1			
Meningococcal infection		2	0.3						
Tuberculosis		(2)	0.3		3	0.4		1 (4)	0.3
Grand Total	178	690 (631)		154	669 (590)		179	719 (646)	

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)			0.5						
Hepatitis B (unspecified)	1	1 (2)	0.5	1	1 (1)	1.6		2	2.5
Hepatitis C (newly acquired)					1	1.6			
Hepatitis C (unspecified)		3 (7)	2.2	2	4 (3)	9.7	3	6 (4)	7.6
Enteric diseases									
Campylobacteriosis	2	20 (15)	14.1	3	8 (6)	12.9	1	11 (5)	15.2
Cryptosporidiosis		1 (3)	0.5		1 (1)	1.6		3 (3)	3.8
Hepatitis A									
Hepatitis E									
Listeriosis									
Rotavirus		1	0.5			1.6		1	2.5
STEC/VTEC infection	1	2	1.1	1	1	1.6			
Salmonellosis	2	9 (15)	5.4	1	5 (7)	9.7	1	3 (1)	5.1
Shigellosis	1	1	1.1					2	2.5
Typhoid									
Vibrio parahaemolyticus									
Sexually transmissible infections									
Chlamydia (genital)	7	41 (60)	25.4	6	21 (18)	40.4	7	14 (14)	21.5
Gonorrhoea	4	8 (11)	4.9		3 (1)	4.8	2	2 (2)	3.8
Syphilis - Infectious		(3)	0.5		1	1.6			
Syphilis - Non-Infectious									
Vaccine preventable diseases									
Influenza		3 (2)	2.2		3	6.5	1	3 (5)	3.8
Measles									
Mumps									
Pertussis	1	5 (41)	4.3	1	4 (2)	9.7		1 (3)	1.3
Pneumococcal infection									
Rubella (non-congenital)									
Varicella (chicken pox)	1	5 (3)	2.7						
Varicella (shingles)	3	14 (7)	8.1	1	2 (10)	6.5		8 (1)	10.1
Varicella (unspecified)	2	6 (8)	3.2	1	3	8.1		1 (1)	1.3
Vector-borne diseases									
Chikungunya									
Dengue fever	1	2 (4)	1.1						
Malaria									
Ross River virus	8	33 (4)	24.3	3	8 (1)	14.5	2	10 (4)	12.7
Schistosomiasis									
Typhus						1.6			
Zoonotic diseases									
Psittacosis									
Other diseases									
Legionellosis					1 (1)	1.6			
Meningococcal infection									
Tuberculosis									
Grand Total	34	155 (185)		20	67 (51)		17	67 (43)	

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	1.4						
Hepatitis C (newly acquired)		2	2.9				1		1.4
Hepatitis C (unspecified)		4 (4)	7.2	1	2 (1)	4.9			
Enteric diseases									
Campylobacteriosis	1	5 (2)	10.0	1	2 (2)	8.1	1	3 (6)	5.8
Cryptosporidiosis		1	1.4	1	1	1.6	1	5 (4)	7.2
Hepatitis A									
Hepatitis E									
Listeriosis									
Rotavirus	1	1	1.4						
STEC/VTEC infection	1	1	1.4						
Salmonellosis	1	7 (5)	12.9		5 (3)	11.3	6	10 (3)	14.5
Shigellosis	2	8 (1)	14.3					2	2.9
Typhoid									
Vibrio parahaemolyticus									
Sexually transmissible infections									
Chlamydia (genital)	2	13 (37)	24.3	1	26 (29)	47.0	10	33 (29)	55.1
Gonorrhoea		9 (6)	14.3	2	16 (12)	34.0	4	18 (19)	34.8
Syphilis - Infectious									
Syphilis - Non-Infectious					1	3.2	1	1	1.4
Vaccine preventable diseases									
Influenza		2 (1)	4.3						
Measles					2	3.2		(2)	2.9
Mumps								1 (14)	1.4
Pertussis								2 (2)	5.8
Pneumococcal infection					1 (1)	1.6			
Rubella (non-congenital)									
Varicella (chicken pox)		1	1.4					5	11.6
Varicella (shingles)		(3)	1.4		1 (4)	8.1	1	1 (4)	4.3
Varicella (unspecified)	2	6 (7)	8.6						
Vector-borne diseases									
Chikungunya						1.6			
Dengue fever					1 (2)	1.6			
Malaria									1.4
Ross River virus					1 (1)	6.5		(2)	1.4
Schistosomiasis									
Typhus		1	1.4	1	1	1.6			
Zoonotic diseases									
Psittacosis		1	1.4						
Other diseases									
Legionellosis		1	1.4						
Meningococcal infection									
Tuberculosis									
Grand Total	11	64 (66)		7	60 (55)		24	82 (85)	

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)	0.1
Hepatitis B (unspecified)		1	2.5	11	45 (31)	1.8
Hepatitis C (newly acquired)				1	11 (6)	0.4
Hepatitis C (unspecified)		2 (1)	5.0	22	93 (73)	3.9
Enteric diseases						
Campylobacteriosis		1 (4)	2.5	65	302 (228)	14.1
Cryptosporidiosis	3	5 (1)	12.4	14	58 (35)	2.4
Hepatitis A				0	1 (1)	0.0
Hepatitis E				0	1 (0)	0.0
Listeriosis				0	0 (0)	0.0
Rotavirus				4	27 (7)	1.4
STEC/VTEC infection		(1)	2.5	3	4 (4)	0.2
Salmonellosis	1	8 (10)	27.3	54	236 (181)	10.4
Shigellosis				3	13 (9)	0.6
Typhoid				1	1 (1)	0.0
Vibrio parahaemolyticus				1	2 (4)	0.1
Sexually transmissible infections						
Chlamydia (genital)	8	51 (39)	158.7	240	944 (971)	42.4
Gonorrhoea	4	39 (31)	121.5	77	280 (215)	12.8
Syphilis - Infectious	2	6 (1)	17.4	7	23 (30)	1.1
Syphilis - Non-Infectious				4	10 (4)	0.4
Vaccine preventable diseases						
Influenza	2	4 (2)	12.4	23	112 (125)	5.7
Measles				0	4 (0)	0.2
Mumps	1	1 (45)	2.5	1	6 (76)	0.2
Pertussis				14	65 (177)	3.5
Pneumococcal infection				0	9 (3)	0.3
Rubella (non-congenital)				1	1 (0)	0.0
Varicella (chicken pox)		1 (2)	5.0	6	36 (29)	1.9
Varicella (shingles)		2 (4)	7.4	14	112 (124)	5.5
Varicella (unspecified)				57	170 (127)	7.1
Vector-borne diseases						
Chikungunya				0	0 (1)	0.0
Dengue fever	1	1	2.5	5	25 (57)	1.2
Malaria				0	6 (9)	0.3
Ross River virus	1	5 (8)	14.9	20	98 (44)	4.8
Schistosomiasis				1	24 (14)	1.2
Typhus				1	2 (2)	0.1
Zoonotic diseases						
Psittacosis				0	1 (0)	0.0
Other diseases						
Legionellosis		1	2.5	0	4 (3)	0.1
Meningococcal infection				0	2 (1)	0.1
Tuberculosis				0	4 (7)	0.1
Grand Total	23	128 (149)		650	2734 (2612)	

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

Salmonella	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	2017	2016
	Salmonella Total	37	43	42	48	61	59	62	54	284
Serotype/Phage										
Salmonella Aberdeen		1	2						0	2
Salmonella Agona				1					1	1
Salmonella Anatum			1						0	3
Salmonella Birkenhead	1								0	3
Salmonella Bovismorbificans					1	2			3	5
Salmonella Cerro var 14+	1								0	0
Salmonella Chester			1		2	1			3	4
Salmonella Choleraesuis bv Kunzendorf Australia				2					2	1
Salmonella Derby	1				1				1	0
Salmonella Eastbourne				1					1	3
Salmonella Enteritidis	2	2	2	2	5	3	2	2	14	13
Salmonella Give					2		1		3	0
Salmonella Give var 15+			2						0	0
Salmonella Hadar							1		1	3
Salmonella Havana	1								0	1
Salmonella Hvittingfoss		1	1	1	1			1	3	0
Salmonella Infantis	1	2			3	2	1		6	9
Salmonella Isangi				1					1	0
Salmonella Javiana						1		1	2	3
Salmonella Johannesburg				1					1	0
Salmonella Kentucky	1			1	1	1			3	2
Salmonella Kiambu	1					2			2	4
Salmonella Lansing					1				1	0
Salmonella Mbandaka						1			1	5
Salmonella Meleagridis							1		1	0
Salmonella Montevideo						1			1	1
Salmonella Muenchen				2		1	1		4	3
Salmonella Newport	1								0	2
Salmonella Ohlstedt				1					1	1
Salmonella Oranienburg	1								0	0
Salmonella Orion		1							0	0
Salmonella Panama	1		1						0	0
Salmonella Paratyphi B bv Java	3	1	1		2		2		4	13
Salmonella Poona						7			7	0
Salmonella Ramatgan							1		1	0
Salmonella Richmond						1			1	0
Salmonella Rubislaw					1				1	0
Salmonella Saintpaul	2		1	1		1			2	4
Salmonella Schwarzengrund				1		2		1	4	2
Salmonella Singapore		3		2			3		5	5
Salmonella Stanley		1			2	3	3	3	11	9
Salmonella Tennessee					1				1	0
Salmonella Typhimurium	19	27	22	26	32	26	38	31	153	84
Salmonella Urbana					1		1	1	3	0
Salmonella Virchow			2	2					2	9
Salmonella Weltevreden	1	1	1	1		1			2	2
Salmonella Weltevreden var 15+								1	1	0
Salmonella species		3	5	2	5	3	7	13	30	12