



Department of Health

STATEWIDE NOTIFIABLE DISEASES WEEKLY REPORT

Epidemiology & Surveillance Program Communicable Disease Control Directorate

Report for eight week period 04-DEC-16 to 28-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 4			Total Last 4 Weeks	Mean of 15 x 4 week periods[3]	Ratio [4]
	10/12	17/12	24/12	31/12	07/01	14/01	21/01	28/01	2017	2016	2015			
	Blood-borne diseases[2]													
Hepatitis B (newly acquired)	2	2			1		1	1	3	1	1	3	1.6	1.9
Hepatitis B (unspecified)	12	5	12	3	3	9	16	9	37	33	20	37	46.3	0.8
Hepatitis C (newly acquired)	1	2	1	1		2	1	3	6	10	10	6	10.9	0.6
Hepatitis C (unspecified)	16	33	22	16	17	23	27	25	92	65	61	92	71.7	1.3
Enteric diseases														
Botulism									0	0	0	0	0.1	0.0
Campylobacteriosis	71	85	77	57	81	84	74	63	302	263	243	302	200.5	1.5
Cryptosporidiosis	1	2	4	3	5	15	9	19	48	30	21	48	26.5	1.8
Hepatitis A								1	1	3	0	1	2.1	0.5
Hepatitis E								1	1	0	1	1	0.3	3.0
Listeriosis					1				1	0	1	1	0.7	1.5
Paratyphoid fever									0	3	2	0	1.2	0.0
Rotavirus	4	4	4	8	12	8	7	6	33	9	29	33	22.2	1.5
STEC/VTEC infection	1	3			1	1			2	4	0	2	0.5	3.8
Salmonellosis	45	37	43	39	48	58	53	57	216	183	164	216	128.9	1.7
Shigellosis	3	4	1	3	3	5		2	10	10	18	10	8.3	1.2
Typhoid	1								0	1	1	0	1.6	0.0
Vibrio parahaemolyticus		2					1		1	5	2	1	1.1	0.9
Yersiniosis									0	3	4	0	0.7	0.0
Sexually transmissible infections														
Chlamydia (genital)	237	206	187	122	212	265	242	180	899	923	878	899	873.4	1.0
Gonorrhoea	107	54	59	32	68	67	70	48	253	202	159	253	178.3	1.4
Syphilis - Infectious	6	4	10	2	6	9	6	3	24	29	11	24	10.3	2.3
Syphilis - Non-Infectious	7	4	2		3		1	3	7	4	7	7	7.5	0.9
Vaccine preventable diseases														
H. influenzae type b									0	0	0	0	0.1	0.0
Influenza	37	38	32	15	44	33	30	17	124	116	145	124	103.7	1.2
Measles	1	1	1	1	2		4		6	0	1	6	1.9	3.2
Mumps	1		1	3		1		2	3	77	2	3	18.6	0.2
Pertussis	32	29	18	19	27	13	19	14	73	187	133	73	223.6	0.3
Pneumococcal infection		2	3	5		4	3	1	8	3	6	8	7.3	1.1
Rubella (non-congenital)									0	0	0	0	0.1	0.0
Tetanus									0	0	0	0	0.1	0.0
Varicella (chicken pox)	15	16	10	9	16	13	8	6	43	27	19	43	24.1	1.8
Varicella (shingles)	38	43	40	18	38	32	27	12	109	136	111	109	100.5	1.1
Varicella (unspecified)	36	36	25	21	25	42	34	53	154	124	113	154	103.0	1.5
Vector-borne diseases														
Arboviral encephalitis									0	5	1	0	0.4	0.0
Barmah Forest virus	1								0	2	4	0	23.5	0.0
Chikungunya		1			1				1	1	2	1	1.3	0.8
Dengue fever	5	2	6	3	7	8	9	3	27	54	102	27	55.5	0.5
Malaria		1	3	1	2	3	1	3	9	6	5	9	5.5	1.6
Ross River virus	28	35	19	13	32	25	27	27	111	43	151	111	157.6	0.7
Schistosomiasis	14	7	8		10	8			18	14	20	18	9.9	1.8
Typhus	1	4	1		1		1		2	2	1	2	2.0	1.0
Zoonotic diseases														
Brucellosis									0	0	0	0	0.1	0.0
Leptospirosis	1		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	0.4	0.0
Other diseases														
Creutzfeldt-Jakob disease									0	2	1	0	0.3	0.0
Haemolytic Uraemic Syndrome	1	1							0	0	0	0	0.0	0.0
Legionellosis	3		1	2		3			3	2	9	3	6.1	0.5
Leprosy									0	0	0	0	0.3	0.0
Meningococcal infection				1				1	1	2	1	1	1.3	0.8
Tuberculosis	6	3	5	7	3	2	2	1	8	7	12	8	10.1	0.8
Grand Total	734	666	596	405	669	733	673	562						

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

Disease Category/Disease	Week Ending								Cumulative Total to end of week 4			Total Last 4 Weeks	Mean of 15 x 4 week periods[3]	Ratio [4]
	10/12	17/12	24/12	31/12	07/01	14/01	21/01	28/01	2017	2016	2015			
	Blood-borne diseases[2]													
Hepatitis B (newly acquired)	1	2					1	1	2	1	1	2	1.3	1.6
Hepatitis B (unspecified)	12	5	9	2	3	7	16	8	34	26	13	34	32.5	1.0
Hepatitis C (newly acquired)	1	2	1	1		2	1		3	9	6	3	8.7	0.3
Hepatitis C (unspecified)	9	24	14	13	12	20	22	17	71	47	48	71	51.1	1.4
Enteric diseases														
Botulism									0	0	0	0	0.1	0.0
Campylobacteriosis	54	72	58	44	66	65	62	51	244	212	188	244	154.4	1.6
Cryptosporidiosis		2	2	2	5	9	8	14	36	21	14	36	14.7	2.5
Hepatitis A								1	1	3	0	1	1.5	0.7
Hepatitis E								1	1	0	1	1	0.3	3.8
Listeriosis					1				1	0	1	1	0.6	1.7
Paratyphoid fever									0	3	2	0	1.1	0.0
Rotavirus	3	4	3	8	10	5	7	6	28	8	26	28	17.8	1.6
STEC/VTEC infection	1	2							0	3	0	0	0.2	0.0
Salmonellosis	37	29	38	33	37	42	47	44	170	135	111	170	93.9	1.8
Shigellosis	1	1							0	5	6	0	4.6	0.0
Typhoid	1								0	1	1	0	1.1	0.0
Vibrio parahaemolyticus		2					1		1	5	2	1	0.9	1.1
Yersiniosis									0	3	3	0	0.7	0.0
Sexually transmissible infections														
Chlamydia (genital)	187	164	151	100	175	212	180	142	709	693	684	709	658.0	1.1
Gonorrhoea	80	33	39	23	44	45	40	33	162	124	114	162	96.3	1.7
Syphilis - Infectious	5	4	8	1	4	6	3	3	16	22	9	16	8.2	2.0
Syphilis - Non-Infectious	7	4	2		2		1	3	6	2	5	6	4.6	1.3
Vaccine preventable diseases														
Influenza	33	28	21	11	37	28	25	12	102	96	116	102	80.9	1.3
Measles	1	1	1	1	2		4		6	0	1	6	1.4	4.3
Mumps			1	2		1		1	2	1	1	2	2.7	0.7
Pertussis	25	25	15	11	20	10	16	13	59	123	105	59	166.7	0.4
Pneumococcal infection		1	3	1		3	3	1	7	1	4	7	3.1	2.3
Rubella (non-congenital)									0	0	0	0	0.1	0.0
Varicella (chicken pox)	14	14	9	5	12	7	7	2	28	17	17	28	17.6	1.6
Varicella (shingles)	27	28	30	11	26	20	21	9	76	104	87	76	75.9	1.0
Varicella (unspecified)	36	33	23	17	22	37	28	46	133	109	104	133	90.5	1.5
Vector-borne diseases														
Arboviral encephalitis									0	4	1	0	0.3	0.0
Barmah Forest virus	1								0	1	0	0	16.2	0.0
Chikungunya		1							0	1	2	0	1.2	0.0
Dengue fever	4	2	5	3	6	8	6	3	23	44	81	23	44.5	0.5
Malaria			3	1	2	2	1	3	8	4	3	8	4.9	1.6
Ross River virus	11	13	7	7	13	12	12	13	50	29	113	50	105.2	0.5
Schistosomiasis	14	7	7		10	8			18	12	20	18	9.1	2.0
Typhus	1	3	1						0	2	1	0	1.6	0.0
Zoonotic diseases														
Brucellosis									0	0	0	0	0.1	0.0
Leptospirosis	1		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	1							0	0	0	0	0.0	0.0
Legionellosis	2		1	1		1			1	0	7	1	4.2	0.2
Leprosy									0	0	0	0	0.2	0.0
Meningococcal infection				1				1	1	1	0	1	0.8	1.3
Tuberculosis	4	2	5	7	3	2	2	1	8	5	10	8	8.3	1.0
Grand Total	574	509	458	307	512	552	514	429						

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	2	0.3						
Hepatitis B (unspecified)	3	8 (5)	1.1	1	9 (8)	1.3	4	17 (12)	2.3
Hepatitis C (newly acquired)					2 (3)	0.3		1 (6)	0.1
Hepatitis C (unspecified)	1	10 (13)	1.3	9	31 (17)	4.6	7	30 (19)	4.1
Enteric diseases									
Campylobacteriosis	18	97 (72)	12.8	19	67 (77)	9.9	14	80 (61)	11.0
Cryptosporidiosis	4	10 (10)	1.3	5	15 (7)	2.2	5	11 (4)	1.5
Hepatitis A							1	1	0.1
Hepatitis E							1	1	0.1
Listeriosis		1	0.1						
Rotavirus	1	6 (5)	0.8	1	8 (1)	1.2	4	14 (4)	1.9
STEC/VTEC infection									
Salmonellosis	9	47 (40)	6.2	21	59 (54)	8.7	14	64 (39)	8.8
Shigellosis									
Vibrio parahaemolyticus								1 (2)	0.1
Sexually transmissible infections									
Chlamydia (genital)	41	233 (235)	30.6	47	228 (236)	33.8	54	248 (247)	34.2
Gonorrhoea	6	47 (43)	6.2	13	42 (41)	6.2	14	73 (41)	10.1
Syphilis - Infectious	1	5 (6)	0.7	1	5 (3)	0.7	1	6 (12)	0.8
Syphilis - Non-Infectious	1	1	0.1	1	3	0.4	1	2 (2)	0.3
Vaccine preventable diseases									
Influenza	7	37 (30)	4.9	3	32 (33)	4.7	2	33 (32)	4.5
Measles					6	0.9			
Mumps							1	2 (1)	0.3
Pertussis	7	25 (38)	3.3	3	17 (41)	2.5	3	17 (31)	2.3
Pneumococcal infection		1	0.1		1	0.1	1	5 (1)	0.7
Varicella (chicken pox)		6 (6)	0.8		9 (5)	1.3	2	13 (6)	1.8
Varicella (shingles)	3	37 (38)	4.9	3	20 (26)	3.0	3	19 (39)	2.6
Varicella (unspecified)	17	51 (50)	6.7	18	43 (31)	6.4	11	39 (33)	5.4
Vector-borne diseases									
Chikungunya									
Dengue fever	2	5 (14)	0.7		9 (15)	1.3	1	9 (14)	1.2
Malaria	1	3 (2)	0.4	2	3	0.4		2 (2)	0.3
Ross River virus	6	17 (8)	2.2	5	19 (16)	2.8	2	14 (3)	1.9
Schistosomiasis		14 (7)	1.8					4 (3)	0.6
Typhus									
Zoonotic diseases									
Psittacosis									
Other diseases									
Legionellosis					1	0.1			
Meningococcal infection	1	1	0.1						
Tuberculosis		2 (2)	0.3		4	0.6	1	2 (3)	0.3
Grand Total	130	666 (624)		152	633 (614)		147	708 (617)	

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	0.5						
Hepatitis B (unspecified)							2		2.5
Hepatitis C (newly acquired)				1	1	1.6			
Hepatitis C (unspecified)	2	4 (6)	2.2		4 (2)	6.5	1	3 (4)	3.8
Enteric diseases									
Campylobacteriosis	5	23 (20)	12.4	3	4 (4)	6.5	4	12 (6)	15.2
Cryptosporidiosis		1 (2)	0.5		1 (1)	1.6	1	3 (3)	3.8
Hepatitis A									
Hepatitis E									
Listeriosis									
Rotavirus		1	0.5		1	1.6		2	2.5
STEC/VTEC infection		1	0.5						
Salmonellosis	4	6 (14)	3.2	3	5 (7)	8.1		4 (3)	5.1
Shigellosis		1	0.5					1	1.3
Vibrio parahaemolyticus									
Sexually transmissible infections									
Chlamydia (genital)	8	39 (57)	21.1	3	18 (16)	29.1	2	10 (14)	12.7
Gonorrhoea		4 (10)	2.2	1	2 (2)	3.2		1 (2)	1.3
Syphilis - Infectious		1 (3)	0.5		1	1.6			
Syphilis - Non-Infectious									
Vaccine preventable diseases									
Influenza		3 (4)	1.6	1	3 (1)	4.8	1	2 (5)	2.5
Measles									
Mumps									
Pertussis		5 (39)	2.7		4 (1)	6.5	1	2 (2)	2.5
Pneumococcal infection									
Varicella (chicken pox)	1	4 (3)	2.2						
Varicella (shingles)	1	11 (8)	5.9		2 (8)	3.2		7 (3)	8.9
Varicella (unspecified)	2	4 (9)	2.2	1	5	8.1	1	2	2.5
Vector-borne diseases									
Chikungunya									
Dengue fever		1 (5)	0.5						
Malaria									
Ross River virus	7	34 (2)	18.4	3	6 (1)	9.7	2	10 (4)	12.7
Schistosomiasis									
Typhus					1	1.6		1	1.3
Zoonotic diseases									
Psittacosis									
Other diseases									
Legionellosis									
Meningococcal infection									
Tuberculosis									
Grand Total	30	144 (182)		16	58 (43)		13	62 (46)	

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)									
Hepatitis C (newly acquired)	1	1	1.4				1	1	1.4
Hepatitis C (unspecified)	4	6 (3)	8.6		2	3.2			
Enteric diseases									
Campylobacteriosis		6 (3)	8.6		4 (3)	6.5		2 (5)	2.9
Cryptosporidiosis	1	1	1.4				2	4 (1)	5.8
Hepatitis A									
Hepatitis E									
Listeriosis									
Rotavirus									
STEC/VTEC infection									
Salmonellosis	1	8 (8)	11.4	2	6 (2)	9.7	2	4 (3)	5.8
Shigellosis		6 (1)	8.6				2	2	2.9
Vibrio parahaemolyticus									
Sexually transmissible infections									
Chlamydia (genital)	2	15 (28)	21.5	2	24 (32)	38.9	6	26 (30)	37.7
Gonorrhoea		8 (3)	11.4	3	18 (13)	29.2		16 (18)	23.2
Syphilis - Infectious								1	1.4
Syphilis - Non-Infectious					1	1.6			
Vaccine preventable diseases									
Influenza		3 (1)	4.3	1	2	3.2		2 (1)	2.9
Measles									
Mumps							1	1 (17)	1.4
Pertussis								3 (2)	4.3
Pneumococcal infection					1	1.6			
Varicella (chicken pox)	1	1 (1)	1.4				1	8	11.6
Varicella (shingles)		1 (1)	1.4		5 (4)	8.1		2 (4)	2.9
Varicella (unspecified)	1	4 (4)	5.7						
Vector-borne diseases									
Chikungunya					1	1.6			
Dengue fever					1 (2)	1.6			
Malaria								1	1.4
Ross River virus				1	5 (1)	8.1		1 (1)	1.4
Schistosomiasis									
Typhus									
Zoonotic diseases									
Psittacosis	1	1	1.4						
Other diseases									
Legionellosis		1	1.4						
Meningococcal infection									
Tuberculosis									
Grand Total	12	62 (53)		9	70 (57)		15	74 (82)	

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)				1	3 (1)	0.1
Hepatitis B (unspecified)	1	1	2.5	9	37 (31)	1.3
Hepatitis C (newly acquired)				3	6 (9)	0.2
Hepatitis C (unspecified)	1	2 (2)	5.0	25	92 (67)	3.3
Enteric diseases						
Campylobacteriosis		1 (6)	2.5	63	302 (262)	11.1
Cryptosporidiosis	1	2 (1)	5.0	19	48 (30)	1.8
Hepatitis A				1	1 (3)	0.0
Hepatitis E				1	1 (0)	0.0
Listeriosis				0	1 (0)	0.0
Rotavirus				6	33 (11)	1.2
STEC/VTEC infection		1	2.5	0	2 (4)	0.1
Salmonellosis	1	10 (8)	24.8	57	216 (181)	7.9
Shigellosis				2	10 (10)	0.4
Vibrio parahaemolyticus				0	1 (5)	0.0
Sexually transmissible infections						
Chlamydia (genital)	12	52 (42)	129.0	180	899 (948)	33.0
Gonorrhoea	10	40 (29)	99.2	48	253 (204)	9.3
Syphilis - Infectious		5 (2)	12.4	3	24 (29)	0.9
Syphilis - Non-Infectious				3	7 (4)	0.2
Vaccine preventable diseases						
Influenza	1	2 (2)	5.0	17	124 (114)	4.5
Measles				0	6 (0)	0.2
Mumps				2	3 (80)	0.1
Pertussis				14	73 (168)	2.7
Pneumococcal infection				1	8 (3)	0.3
Varicella (chicken pox)	1	2 (2)	5.0	6	43 (27)	1.6
Varicella (shingles)	2	3 (4)	7.4	12	109 (137)	4.0
Varicella (unspecified)				53	154 (131)	5.6
Vector-borne diseases						
Chikungunya				0	1 (1)	0.0
Dengue fever				3	27 (53)	1.0
Malaria				3	9 (6)	0.3
Ross River virus	1	5 (3)	12.4	27	111 (40)	4.1
Schistosomiasis				0	18 (14)	0.7
Typhus				0	2 (2)	0.1
Zoonotic diseases						
Psittacosis				1	1 (0)	0.0
Other diseases						
Legionellosis		1	2.5	0	3 (2)	0.1
Meningococcal infection				1	1 (2)	0.0
Tuberculosis				1	8 (7)	0.1
Grand Total	31	127 (101)		563	2639 (2601)	

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

Serotype/Phage	Week Ending								Cumulative Total to end of Week 4	
	10/12	17/12	24/12	31/12	07/01	14/01	21/01	28/01	2017	2016
	Salmonella Total	45	37	43	39	48	58	53	57	216
Salmonella Aberdeen			1	2					0	1
Salmonella Agona					1				1	0
Salmonella Anatum				1					0	3
Salmonella Birkenhead		1							0	1
Salmonella Bovismorbificans	1					1		2	3	4
Salmonella Cerro var 14+		1							0	0
Salmonella Chester				1		2	1		3	3
Salmonella Choleraesuis bv Kunzendorf Australia					2				2	1
Salmonella Derby		1				1			1	0
Salmonella Eastbourne					1				1	3
Salmonella Enteritidis	6	2	2	1	2	5	3	2	12	6
Salmonella Give	1					2		1	3	0
Salmonella Give var 15+				2					0	0
Salmonella Havana		1							0	1
Salmonella Hvittingfoss			1	1	1	1			2	0
Salmonella Infantis		1	2			2	2		4	7
Salmonella Isangi					1				1	0
Salmonella Javiana								1	1	3
Salmonella Johannesburg					1				1	0
Salmonella Kentucky		1			1	1	1		3	0
Salmonella Kiambu		1					2		2	4
Salmonella Lansing						1			1	0
Salmonella Mbandaka							1		1	3
Salmonella Meleagridis								1	1	0
Salmonella Montevideo							1		1	1
Salmonella Muenchen	1				2			1	3	2
Salmonella Newport		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		3	1	1		2			2	11
Salmonella Poona							7		7	0
Salmonella Richmond							1		1	0
Salmonella Rubislaw						1			1	0
Salmonella Saintpaul		2		1	1		1		2	4
Salmonella Schwarzengrund					1		2		3	1
Salmonella Senftenberg	1								0	3
Salmonella Singapore	1		3		2				2	4
Salmonella Stanley	1		1			2	2	1	5	8
Salmonella Tennessee	1					1			1	0
Salmonella Typhimurium	27	19	27	21	26	29	24	18	97	65
Salmonella Urbana						1		1	2	0
Salmonella Virchow	3			2	2				2	5
Salmonella Weltevreden	1	1	1	1	1		1		2	2
Salmonella species	1		3	4	2	6	4	29	41	11