



Department of Health

STATEWIDE NOTIFIABLE DISEASES WEEKLY REPORT

Epidemiology & Surveillance Program
Communicable Disease Control Directorate

Report for eight week period 18-DEC-18 to 11-FEB-19

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 6			Total Last 4 Weeks	Mean of 15 x 4 week periods[3]	Ratio [4]
	24/12	31/12	07/01	14/01	21/01	28/01	04/02	11/02	2019	2018	2017			
	Blood-borne diseases[2]													
Hepatitis B (newly acquired)	2		1	1	1		2	1	6	1	1	4	1.2	3.3
Hepatitis B (unspecified)	16	3	3	9	18	8	6	9	53	63	54	41	38.7	1.1
Hepatitis C (newly acquired)	4	2	3	1		2	2		8	17	15	4	10.2	0.4
Hepatitis C (unspecified)	19	6	6	15	20	21	15	21	98	122	124	77	73.2	1.1
Hepatitis D								2	2	0	0	2	0.2	10.0
Enteric diseases														
Campylobacteriosis	80	62	84	74	48	50	64	39	359	426	474	201	242.6	0.8
Cryptosporidiosis	3	6	2	2	3	3	6	3	19	22	96	15	32.3	0.5
Hepatitis A		1		1	3	1	2		7	0	2	6	1.9	3.2
Hepatitis E				1					1	0	1	0	0.1	0.0
Listeriosis				1	2				3	2	1	2	0.7	3.0
Paratyphoid fever							1		1	1	2	1	1.4	0.7
Rotavirus	2	3	2	4	2	5	2	10	25	44	58	19	27.8	0.7
STEC/VTEC infection	3	2	3	2	2	1	2	1	11	15	9	6	2.9	2.1
Salmonellosis	26	24	40	39	45	31	43	38	236	291	412	157	178.9	0.9
Shigellosis	3	12	11	22	14	5	14	7	73	39	21	40	13.3	3.0
Typhoid						1		1	2	3	0	2	1.4	1.4
Vibrio parahaemolyticus		2	1	1	1		2	1	6	3	2	4	1.5	2.6
Yersiniosis				1					1	2	0	0	1.2	0.0
Sexually transmissible infections														
Chlamydia (genital)	192	91	218	281	295	209	267	237	1507	1457	1526	1008	904.1	1.1
Gonorrhoea	61	45	94	100	97	79	104	75	549	410	482	355	223.3	1.6
Syphilis (congenital)									0	0	0	0	0.0	0.0
Syphilis - Infectious	13	3	9	15	11	17	13	19	84	43	43	60	19.1	3.1
Syphilis - Non-Infectious	2	1	2	5	2	4	1	1	15	29	18	8	9.8	0.8
Vaccine preventable diseases														
Diphtheria									0	0	0	0	0.1	0.0
H. influenzae type b									0	1	0	0	0.1	0.0
Influenza	69	80	112	136	163	120	103	103	737	417	204	489	159.3	3.1
Measles	1	1		4	2	2	2	2	12	1	7	8	2.3	3.5
Mumps			1		1	1			3	4	6	2	19.3	0.1
Pertussis	13	8	15	16	8	11	5	8	63	163	164	32	116.6	0.3
Pneumococcal infection	2	1	2	5	1	2		1	11	17	11	4	8.5	0.5
Rubella (non-congenital)									0	0	0	0	0.1	0.0
Tetanus									0	0	0	0	0.1	0.0
Varicella (chicken pox)	11	10	9	16	8	5	9	5	52	68	69	27	34.3	0.8
Varicella (shingles)	33	39	37	47	33	22	32	13	184	269	233	100	133.7	0.7
Varicella (unspecified)	36	21	24	28	34	27	41	46	200	193	193	148	119.6	1.2
Vector-borne diseases														
Barmah Forest virus						1			1	3	4	1	3.3	0.3
Chikungunya									0	0	3	0	1.1	0.0
Dengue fever	5	2	4	10	5	4	4	6	33	19	43	19	43.9	0.4
Japanese encephalitis virus									0	0	0	0	0.0	0.0
Malaria	1	1						2	2	8	12	2	5.5	0.4
Murray Valley encephalitis virus									0	0	0	0	0.0	0.0
Ross River virus	5	3	9	14	9	9	9	9	59	90	220	36	118.5	0.3
Typhus	1					1			1	1	6	1	1.9	0.5
Zika virus									0	0	0	0	0.4	0.0
Zoonotic diseases														
Brucellosis									0	0	0	0	0.0	0.0
Leptospirosis				1				1	2	0	0	1	0.1	7.5
Q Fever					1				1	2	1	1	0.7	1.4
Other diseases														
Acute post-streptococcal glomerulonephritis				1		1			2	9	0	1	0.7	1.4
Creutzfeldt-Jakob disease									0	0	0	0	0.5	0.0
Haemolytic Uraemic Syndrome									0	0	1	0	0.1	0.0
Legionellosis	1		1		1				2	5	6	1	5.1	0.2
Leprosy									0	0	0	0	0.3	0.0
Melioidosis							1		1	0	2	1	0.7	1.5
Meningococcal infection		3			1	2			3	5	3	3	1.7	1.7
Tuberculosis	5	4		2	3		6	2	13	10	9	11	10.3	1.1
Grand Total	609	436	693	855	834	645	758	663						

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

Disease Category/Disease	Week Ending								Cumulative Total to end of week 6			Total Last 4 Weeks	Mean of 15 x 4 week periods[3]	Ratio [4]
	24/12	31/12	07/01	14/01	21/01	28/01	04/02	11/02	2019	2018	2017			
	Blood-borne diseases[2]													
Hepatitis B (newly acquired)	1			1	1		1	1	4	1	0	3	0.9	3.5
Hepatitis B (unspecified)	12	3	2	9	17	6	5	8	47	51	48	36	31.5	1.1
Hepatitis C (newly acquired)	4	1	3	1					4	15	10	0	8.1	0.0
Hepatitis C (unspecified)	15	5	3	10	16	13	11	17	70	85	93	57	53.4	1.1
Hepatitis D								2	2	0	0	2	0.2	10.0
Enteric diseases														
Campylobacteriosis	58	47	71	53	41	43	49	34	291	325	387	167	189.0	0.9
Cryptosporidiosis	1	6	1	1	1	3	5	3	14	14	76	12	21.9	0.5
Hepatitis A		1		1	3	1	2		7	0	2	6	1.5	4.1
Hepatitis E				1					1	0	1	0	0.1	0.0
Listeriosis				1	2				3	1	1	2	0.6	3.3
Paratyphoid fever									0	1	2	0	1.3	0.0
Rotavirus	2	2	2	4	2	4	2	10	24	38	46	18	22.5	0.8
STEC/VTEC infection	3	2	2	1	2	1	2	1	9	11	2	6	1.7	3.5
Salmonellosis	22	18	34	34	39	27	35	33	202	230	331	134	135.3	1.0
Shigellosis	1	7	7	12	11	3	11	5	49	10	2	30	5.3	5.6
Typhoid						1		1	2	3	0	2	1.3	1.6
Vibrio parahaemolyticus		2	1	1	1		1	1	5	3	2	3	1.5	2.0
Yersiniosis				1					1	2	0	0	1.1	0.0
Sexually transmissible infections														
Chlamydia (genital)	162	67	164	211	237	155	199	197	1163	1141	1182	788	694.7	1.1
Gonorrhoea	49	33	70	69	68	59	69	62	397	259	314	258	140.3	1.8
Syphilis (congenital)									0	0	0	0	0.0	0.0
Syphilis - Infectious	11	1	4	10	7	11	10	13	55	40	30	41	15.2	2.7
Syphilis - Non-Infectious	1		2	5	2	2	1	1	13	24	14	6	7.9	0.8
Vaccine preventable diseases														
Diphtheria									0	0	0	0	0.1	0.0
Influenza	41	42	77	102	124	94	84	68	549	342	168	370	130.9	2.8
Measles	1			2	2	1	1	1	7	1	7	5	1.9	2.6
Mumps					1	1			2	3	5	2	1.8	1.1
Pertussis	9	7	11	13	7	10	5	7	53	113	131	29	86.5	0.3
Pneumococcal infection	1		2	3		2			7	9	9	2	4.5	0.4
Rubella (non-congenital)									0	0	0	0	0.1	0.0
Tetanus									0	0	0	0	0.0	0.0
Varicella (chicken pox)	9	9	8	12	7	3	9	3	42	49	47	22	24.4	0.9
Varicella (shingles)	29	28	23	36	23	12	24	4	122	210	166	63	100.4	0.6
Varicella (unspecified)	32	20	22	27	31	26	39	42	187	178	181	138	107.5	1.3
Vector-borne diseases														
Barmah Forest virus									0	0	2	0	0.9	0.0
Chikungunya									0	0	1	0	0.9	0.0
Dengue fever	4	1	4	10	5	4	4	6	33	17	35	19	36.2	0.5
Japanese encephalitis virus									0	0	0	0	0.0	0.0
Malaria	1	1							2	8	11	2	4.7	0.4
Murray Valley encephalitis virus									0	0	0	0	0.0	0.0
Ross River virus	4	3	6	11	8	8	6	8	47	65	106	30	70.1	0.4
Typhus						1			1	1	2	1	1.3	0.8
Zika virus									0	0	0	0	0.3	0.0
Zoonotic diseases														
Leptospirosis				1				1	2	0	0	1	0.1	7.5
Q Fever									0	0	0	0	0.1	0.0
Other diseases														
Creutzfeldt-Jakob disease									0	0	0	0	0.3	0.0
Legionellosis	1		1		1				2	5	4	1	3.6	0.3
Leprosy									0	0	0	0	0.2	0.0
Melioidosis							1		1	0	1	1	0.1	15.0
Meningococcal infection		1			1				1	4	3	1	1.3	0.8
Tuberculosis	4	4		2	3		5	2	12	9	9	10	9.0	1.1
Grand Total	478	311	520	645	663	491	581	533						

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	0.3				1	2	0.3
Hepatitis B (unspecified)	2	10 (19)	1.9	1	5 (8)	1.3	5	21 (16)	3.0
Hepatitis C (newly acquired)			0.1		(3)	0.1		(9)	0.3
Hepatitis C (unspecified)	6	13 (5)	2.0	3	18 (28)	3.3	8	26 (31)	4.1
Hepatitis D				1	1	0.1	1	1	0.1
Enteric diseases									
Campylobacteriosis	13	54 (81)	12.8	11	56 (73)	13.8	10	57 (63)	12.4
Cryptosporidiosis	1	5 (2)	0.8	2	6 (3)	1.0		1 (6)	0.1
Hepatitis A		1	0.1		1	0.1		4	0.7
Hepatitis E									0.1
Listeriosis					1	0.3		1 (1)	0.1
Paratyphoid fever									
Rotavirus	2	5 (8)	0.9	5	6 (6)	1.0	3	7 (9)	1.3
STEC/VTEC infection	1	2 (4)	0.5		3 (2)	0.4		1	0.3
Salmonellosis	5	36 (65)	9.1	13	47 (56)	8.1	15	51 (51)	9.8
Shigellosis	1	8 (2)	1.4	1	11 (3)	2.1	3	11 (1)	3.0
Typhoid							1	2	0.3
Vibrio parahaemolyticus		2	0.4				1	1	0.3
Yersiniosis						0.1			
Sexually transmissible infections									
Chlamydia (genital)	58	236 (243)	43.8	61	274 (242)	55.9	78	278 (259)	56.4
Gonorrhoea	17	68 (43)	13.4	22	76 (51)	17.1	23	114 (85)	22.7
Syphilis - Infectious	5	11 (6)	1.9	3	13 (10)	2.6	5	17 (11)	2.9
Syphilis - Non-Infectious	1	5 (6)	1.0		1 (3)	0.3		(8)	0.4
Vaccine preventable diseases									
Influenza	26	134 (101)	25.0	22	121 (84)	26.4	20	115 (72)	22.2
Measles			0.1		3	0.6	1	2	0.3
Mumps		1	0.1		1	0.1			
Pertussis	2	9 (29)	2.3	2	10 (23)	3.1	3	10 (14)	1.7
Pneumococcal infection		2	0.5		(1)	0.1		(2)	0.3
Varicella (chicken pox)	1	7 (13)	1.8	2	10 (17)	2.4		5 (6)	1.5
Varicella (shingles)	3	25 (50)	6.0		18 (47)	5.8	1	20 (44)	4.5
Varicella (unspecified)	13	45 (44)	8.1	13	47 (50)	10.3	16	46 (26)	6.9
Vector-borne diseases									
Barmah Forest virus									
Dengue fever	4	10 (5)	2.0	1	4 (4)	1.3	1	5 (2)	1.1
Malaria	1	1 (4)	0.1	1	1 (1)	0.1			
Ross River virus	3	6 (5)	1.5	3	14 (25)	3.3	2	10 (13)	1.6
Typhus		1	0.1						
Zoonotic diseases									
Leptospirosis	1	1	0.3						
Q Fever									
Other diseases									
Acute post-streptococcal glomerulonephritis (APS)									
Legionellosis					1 (2)	0.1			0.1
Melioidosis		1	0.1						
Meningococcal infection					1	0.1			
Tuberculosis		3 (6)	0.5	2	4	0.7		3 (3)	0.4
Grand Total	166	703 (741)		169	754 (742)		198	811 (732)	

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)		1 (3)	0.5						
Hepatitis C (newly acquired)		1	0.5		2 (1)	3.2			
Hepatitis C (unspecified)		7 (6)	5.7	1	3 (5)	4.8	1	2 (3)	5.0
Hepatitis D									
Enteric diseases									
Campylobacteriosis	2	9 (31)	14.1	1	5 (4)	14.3		3 (9)	6.3
Cryptosporidiosis		(3)	1.0		1	1.6			
Hepatitis A									
Hepatitis E									
Listeriosis									
Paratyphoid fever		1	0.5						
Rotavirus									
STEC/VTEC infection			0.5						
Salmonellosis		4 (10)	3.6		(4)	3.2		4 (4)	7.6
Shigellosis			0.5	1	1	3.2			1.3
Typhoid									
Vibrio parahaemolyticus									
Yersiniosis									
Sexually transmissible infections									
Chlamydia (genital)	10	57 (38)	43.8		6 (21)	14.3	2	16 (14)	29.0
Gonorrhoea		12 (16)	10.9	1	1	3.2	1	4 (2)	6.3
Syphilis - Infectious			0.5			1.6			
Syphilis - Non-Infectious		1	0.5						
Vaccine preventable diseases									
Influenza	2	9 (18)	9.4	2	15 (3)	44.4	2	6 (1)	11.4
Measles			1.0		2	3.2			
Mumps			0.5						
Pertussis		(11)	1.6	1	1 (13)	3.2			1.3
Pneumococcal infection		1	0.5	1	1	1.6			
Varicella (chicken pox)	1	2 (1)	2.6						
Varicella (shingles)	6	17 (16)	14.6		3 (7)	7.9	2	5 (4)	7.6
Varicella (unspecified)	1	1	1.0	2	7	12.7			
Vector-borne diseases									
Barmah Forest virus		1 (2)	0.5						
Dengue fever									
Malaria									
Ross River virus		1 (11)	2.1		4 (2)	7.9		(2)	1.3
Typhus									
Zoonotic diseases									
Leptospirosis									
Q Fever									
Other diseases									
Acute post-streptococcal glomerulonephritis (APS)									
Legionellosis									
Melioidosis									
Meningococcal infection					1	1.6			
Tuberculosis									
Grand Total	22	125 (166)		10	53 (60)		8	40 (39)	

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)							1		1.4
Hepatitis B (unspecified)				1 (2)		1.6	1 (2)		1.4
Hepatitis C (newly acquired)		1	1.4						
Hepatitis C (unspecified)	1	3 (4)	4.3	4 (5)		6.5			1.4
Hepatitis D									
Enteric diseases									
Campylobacteriosis	1	5 (2)	8.5	1	2 (7)	4.9	4 (4)		11.5
Cryptosporidiosis		1	1.4	1		1.6			
Hepatitis A									
Hepatitis E									
Listeriosis									
Paratyphoid fever									
Rotavirus							1		1.4
STEC/VTEC infection			1.4						
Salmonellosis		5 (5)	7.1		(2)	3.3	2	4 (4)	7.2
Shigellosis		1	1.4		2 (1)	8.2		(4)	2.9
Typhoid									
Vibrio parahaemolyticus				1		1.6			
Yersiniosis									
Sexually transmissible infections									
Chlamydia (genital)	5	23 (27)	48.2	2	19 (22)	67.1	8	33 (34)	70.5
Gonorrhoea	4	17 (7)	24.1	3	16 (12)	39.3	1	18 (14)	46.1
Syphilis - Infectious	1	1	1.4	3	5	11.5	1	5	13.0
Syphilis - Non-Infectious					1 (1)	1.6			
Vaccine preventable diseases									
Influenza	12	35 (4)	56.7	4 (8)		16.4	10	19 (4)	31.7
Measles									
Mumps									
Pertussis		(3)	1.4					1 (1)	1.4
Pneumococcal infection		(2)	1.4						
Varicella (chicken pox)				(1)		1.6	1	3	4.3
Varicella (shingles)				4 (2)		11.5	1	1	5.8
Varicella (unspecified)		1 (7)	1.4				1	1	1.4
Vector-borne diseases									
Barmah Forest virus									
Dengue fever									
Malaria									
Ross River virus									
Typhus									
Zoonotic diseases									
Leptospirosis									
Q Fever		1	1.4						
Other diseases									
Acute post-streptococcal glomerulonephritis (APS)				1 (1)		1.6			
Legionellosis									
Melioidosis									
Meningococcal infection							2		2.9
Tuberculosis									
Grand Total	24	94 (61)		9	61 (64)		25	94 (67)	

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)			2.5	1	4 (0)	0.2
Hepatitis B (unspecified)	1	1 (3)	2.5	9	41 (54)	1.8
Hepatitis C (newly acquired)				0	4 (13)	0.2
Hepatitis C (unspecified)	1	1 (2)	2.5	21	77 (89)	3.5
Hepatitis D				2	2 (0)	0.1
Enteric diseases						
Campylobacteriosis		2 (5)	7.4	39	201 (280)	12.7
Cryptosporidiosis				3	15 (14)	0.7
Hepatitis A				0	6 (0)	0.2
Hepatitis E				0	0 (0)	0.0
Listeriosis				0	2 (2)	0.1
Paratyphoid fever				0	1 (0)	0.0
Rotavirus				10	19 (26)	0.9
STEC/VTEC infection				1	6 (8)	0.4
Salmonellosis	2	5 (11)	12.4	38	157 (214)	8.4
Shigellosis	1	6 (5)	29.8	7	40 (17)	2.6
Typhoid				1	2 (2)	0.1
Vibrio parahaemolyticus				1	4 (1)	0.2
Yersiniosis				0	0 (2)	0.0
Sexually transmissible infections						
Chlamydia (genital)	9	52 (60)	208.4	237	1008 (966)	53.5
Gonorrhoea	2	24 (44)	101.7	75	355 (280)	19.5
Syphilis - Infectious		7 (2)	22.3	19	60 (29)	3.0
Syphilis - Non-Infectious				1	8 (19)	0.3
Vaccine preventable diseases						
Influenza	5	22 (10)	114.1	103	489 (310)	26.2
Measles				2	8 (0)	0.4
Mumps				0	2 (3)	0.1
Pertussis		1 (1)	2.5	8	32 (96)	2.2
Pneumococcal infection			2.5	1	4 (6)	0.4
Varicella (chicken pox)				5	27 (50)	1.8
Varicella (shingles)		7 (5)	22.3	13	100 (181)	6.5
Varicella (unspecified)				46	148 (130)	7.1
Vector-borne diseases						
Barmah Forest virus				0	1 (3)	0.0
Dengue fever				6	19 (13)	1.2
Malaria				2	2 (7)	0.1
Ross River virus		(2)	2.5	9	36 (60)	2.1
Typhus				0	1 (0)	0.0
Zoonotic diseases						
Leptospirosis				1	1 (0)	0.1
Q Fever				0	1 (1)	0.0
Other diseases						
Acute post-streptococcal glomerulonephritis (APS)		(8)	2.5	0	1 (9)	0.1
Legionellosis				0	1 (3)	0.1
Melioidosis				0	1 (0)	0.0
Meningococcal infection				0	3 (2)	0.1
Tuberculosis				2	11 (9)	0.4
Grand Total	21	128 (158)		663	2900 (2901)	

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

Serotype/Phage	Week Ending								Cumulative Total to end of Week 6	
	24/12	31/12	07/01	14/01	21/01	28/01	04/02	11/02	2019	2018
	Salmonella Total	26	24	40	39	45	31	43	38	236
Salmonella Agona				1					1	4
Salmonella Anatum					1			1	2	4
Salmonella Anatum var 15+	1								0	0
Salmonella Bootle							1		1	0
Salmonella Bovismorbificans				1					1	0
Salmonella Braenderup	1								0	0
Salmonella Chailey		1							0	0
Salmonella Chester				1	2				3	2
Salmonella Choleraesuis bv Decatur	1								0	1
Salmonella Corvallis			1	1					2	1
Salmonella Enteritidis	2	2	6	2	7	3	5	1	24	16
Salmonella Fremantle subsp II							2		2	1
Salmonella Give var 15+								1	1	0
Salmonella Havana		1							0	1
Salmonella Heidelberg				1	1		1		3	1
Salmonella Houten subsp IV	1			1					1	3
Salmonella Infantis						2			2	3
Salmonella Kentucky	1	1			1	1	1		3	7
Salmonella Litchfield			1		1				2	0
Salmonella London					1				1	0
Salmonella Mississippi								1	1	1
Salmonella Muenchen	1					1			1	5
Salmonella Newport	1		1					1	2	0
Salmonella Oranienburg				1					1	1
Salmonella Orion				1					1	3
Salmonella Oslo						1			1	0
Salmonella Papuana			1						1	0
Salmonella Paratyphi B bv Java	1	1	2	3	2	2	1		10	6
Salmonella Poona					1				1	2
Salmonella Potsdam		1							0	0
Salmonella Saintpaul		3	1	1	1	1	1	1	6	20
Salmonella Schwarzengrund			1	1					2	0
Salmonella Singapore			1						1	3
Salmonella Stanley				2					2	4
Salmonella Tennessee					1				1	0
Salmonella Typhimurium	12	12	23	18	19	17	20	5	102	153
Salmonella Urbana							1		1	0
Salmonella Virchow		2			3	1			4	4
Salmonella Wandsbek subsp II							1		1	0
Salmonella Waycross	1								0	0
Salmonella Welikade	1								0	2
Salmonella Weltevreden	1								0	3
Salmonella species	1		2	4	4	2	9	27	48	16