



Department of Health

STATEWIDE NOTIFIABLE DISEASES WEEKLY REPORT

Epidemiology & Surveillance Program
Communicable Disease Control Directorate

Report for eight week period 29-JAN-22 to 25-MAR-22

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 12			Total Last 4 Weeks	Mean of 15 x 4 week periods[3]	Ratio [4]
	04/02	11/02	18/02	25/02	04/03	11/03	18/03	25/03	2022	2021	2020			
	Blood-borne diseases[2]													
Hepatitis B (unspecified)	11	12	6	9	6	3	4	12	94	217	111	25	40.1	0.6
Hepatitis C (newly acquired)			3	1	4				14	15	20	4	7.3	0.5
Hepatitis C (unspecified)	15	16	8	22	22	11	13	16	177	288	207	62	76.5	0.8
Hepatitis D	1								1	2	0	0	0.9	0.0
Enteric diseases														
Campylobacteriosis	58	67	43	48	46	51	54	54	717	720	787	205	222.1	0.9
Cryptosporidiosis	7	10	14	10	9	10	10	8	96	30	378	37	46.7	0.8
Hepatitis A					2				2	0	5	2	1.7	1.2
Listeriosis					1				1	1	1	1	0.5	2.1
Rotavirus	6	4	2	5	7	8	2	5	87	38	70	22	21.5	1.0
STEC/VTEC infection	4	5	3	3	3	5	6	8	47	31	48	22	9.5	2.3
Salmonellosis	22	26	16	20	14	19	17	19	249	341	591	69	190.4	0.4
Shigellosis	2	3	1	1	2	3	1	4	24	22	110	10	18.9	0.5
Typhoid			2	1					4	1	2	0	1.3	0.0
Vibrio parahaemolyticus									2	3	2	0	1.2	0.0
Yersiniosis	1			1		2	1	2	7	9	4	5	1.2	4.2
Sexually transmissible infections														
Chlamydia (genital)	235	227	223	229	199	186	210	171	2561	2651	2967	766	931.9	0.8
Gonorrhoea	55	66	55	57	52	44	50	27	646	660	1056	173	289.1	0.6
Syphilis (congenital)	1								2	1	0	0	0.3	0.0
Syphilis - Infectious	19	21	21	22	18	16	25	49	267	208	169	108	46.7	2.3
Syphilis - Non-Infectious	6	1	4	3	5	4	6	2	41	47	54	17	16.3	1.0
Vaccine preventable diseases														
Influenza					1	2	1		6	6	1103	4	212.1	0.0
Pertussis	1	1	1	2			2		10	9	83	2	49.7	0.0
Pneumococcal infection	1	4	3		3	6	1	1	25	17	31	11	7.9	1.4
Varicella (chicken pox)	8	4	10	10	15	9	5	1	80	96	119	30	41.5	0.7
Varicella (shingles)	52	51	41	53	53	52	35	14	545	687	581	154	184.5	0.8
Varicella (unspecified)	53	55	58	45	52	60	61	71	649	410	343	244	121.2	2.0
Vector-borne diseases														
Barmah Forest virus	1	1		1			1		6	3	8	1	3.1	0.3
Chikungunya							1		1	0	6	1	0.7	1.5
Malaria			2				1	2	6	3	23	3	4.1	0.7
Ross River virus	40	33	32	28	21	23	20	18	315	236	90	82	75.8	1.1
Typhus	1								1	6	10	0	1.7	0.0
Zoonotic diseases														
Q Fever			1						2	0	1	0	0.5	0.0
Other diseases														
Acute post-streptococcal glomerulonephritis		1	1				1	1	6	0	1	2	0.8	2.5
COVID-19	8	5	21	70	31		1		248	65	344	32	47.1	0.7
Creutzfeldt-Jakob disease						1			1	2	0	1	0.9	1.2
Legionellosis	1			1	1	2			10	12	10	3	3.5	0.9
Leprosy									1	0	0	0	0.2	0.0
Meningococcal infection				1	1				4	3	3	1	1.5	0.7
RSV	70	65	72	70	57	30	31	44	823	2	0	162	0.0	0.0
Tuberculosis	2	3	3	4			4		19	23	33	4	9.8	0.4
iGAS	2	5	5	5	3	3	2	4	44	0	0	12	0.0	0.0
Grand Total	683	686	651	722	628	550	566	533						

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

Disease Category/Disease	Week Ending								Cumulative Total to end of week 12			Total Last 4 Weeks	Mean of 15 x 4 week periods[3]	Ratio [4]
	04/02	11/02	18/02	25/02	04/03	11/03	18/03	25/03	2022	2021	2020			
	Blood-borne diseases[2]													
Hepatitis B (unspecified)	9	12	3	7	6	3	3	7	73	149	95	19	32.9	0.6
Hepatitis C (newly acquired)			3		4				11	14	16	4	5.6	0.7
Hepatitis C (unspecified)	11	13	5	14	17	3	9	11	125	203	150	40	54.9	0.7
Hepatitis D	1								1	2	0	0	0.7	0.0
Enteric diseases														
Campylobacteriosis	45	56	30	38	40	38	41	42	576	574	642	161	176.4	0.9
Cryptosporidiosis	5	6	12	9	8	8	7	8	75	11	339	31	34.9	0.9
Hepatitis A					1				1	0	5	1	1.5	0.7
Listeriosis					1				1	0	0	1	0.3	3.0
Rotavirus	6	4	2	4	5	6	1	4	73	36	57	16	16.0	1.0
STEC/VTEC infection	4	5	2	2	3	4	4	3	33	23	37	14	7.3	1.9
Salmonellosis	18	19	12	14	7	8	12	12	175	245	449	39	143.9	0.3
Shigellosis		1				1	1	1	10	5	63	3	9.3	0.3
Typhoid			2	1					4	0	2	0	1.1	0.0
Vibrio parahaemolyticus									2	3	2	0	1.1	0.0
Yersiniosis	1			1		2	1	1	6	6	4	4	0.8	5.0
Sexually transmissible infections														
Chlamydia (genital)	187	170	176	178	163	149	157	142	2015	2116	2301	611	730.7	0.8
Gonorrhoea	33	41	39	34	28	33	29	15	405	383	744	105	195.3	0.5
Syphilis - Infectious	13	16	16	16	12	13	16	47	200	107	100	88	28.4	3.1
Syphilis - Non-Infectious	6		2	2	4		3	1	23	38	45	8	12.9	0.6
Vaccine preventable diseases														
Influenza					1	2	1		5	5	907	4	158.1	0.0
Pertussis	1	1	1	1			2		8	8	64	2	35.8	0.1
Pneumococcal infection		3	2			2	1		12	6	13	3	4.1	0.7
Varicella (chicken pox)	7	2	9	5	11	6	3		59	74	81	20	29.1	0.7
Varicella (shingles)	28	36	31	36	35	38	19	2	370	491	424	94	131.1	0.7
Varicella (unspecified)	50	50	53	41	45	55	52	65	588	395	329	217	116.9	1.9
Vector-borne diseases														
Barmah Forest virus				1					1	0	1	0	0.5	0.0
Chikungunya							1		1	0	2	1	0.4	2.5
Malaria			2				1	1	5	2	17	2	3.5	0.6
Ross River virus	30	21	22	19	17	18	13	15	218	125	48	63	41.2	1.5
Typhus									0	0	6	0	0.5	0.0
Zoonotic diseases														
Q Fever									1	0	1	0	0.2	0.0
Other diseases														
COVID-19	1	2	14	53	30		1		175	28	278	31	30.4	1.0
Creutzfeldt-Jakob disease						1			1	2	0	1	0.7	1.4
Legionellosis					1	2			6	8	3	3	2.4	1.3
Leprosy									1	0	0	0	0.1	0.0
Meningococcal infection				1	1				4	1	1	1	0.7	1.5
RSV	34	21	28	35	20	12	8	10	394	0	0	50	0.0	0.0
Tuberculosis	2	3	1	3			4		14	20	31	4	8.8	0.5
iGAS	2	5	3	3		2	2	3	28	0	0	7	0.0	0.0
Grand Total	494	487	470	518	460	406	392	390						

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 (unspecified)	1	5 (31)	2.2		4 (37)	2.7	6	10 (40)	5.3
Hepatitis C (newly acquired)					1 (1)	0.6		3 (4)	0.9
Hepatitis C (unspecified)	1	6 (15)	2.3	4	16 (34)	6.6	6	18 (42)	8.7
Hepatitis D			0.1						
Enteric diseases									
Campylobacteriosis	17	54 (53)	26.7	13	59 (50)	28.5	12	48 (62)	25.5
Cryptosporidiosis	1	6 (1)	1.9	2	6	1.8	5	19	6.6
Hepatitis A					1	0.1			
Listeriosis		1	0.1						
Rotavirus	2	4 (7)	2.4		3 (2)	3.7	2	9 (7)	4.1
STEC/VTEC infection		4	0.8		2 (3)	1.3	3	8 (3)	2.4
Salmonellosis	2	11 (37)	7.4	3	7 (25)	7.0	7	21 (31)	9.9
Shigellosis		(1)	0.4		1	0.4	1	2	0.5
Typhoid									0.5
Vibrio parahaemolyticus								(1)	0.3
Yersiniosis	1	3	0.4			0.1		1 (1)	0.3
Sexually transmissible infections									
Chlamydia (genital)	50	180 (214)	82.7	37	179 (205)	88.7	55	252 (292)	109.6
Gonorrhoea	3	27 (40)	15.2	6	34 (43)	18.5	6	44 (61)	22.9
Syphilis (congenital)									
Syphilis - Infectious	18	30 (9)	7.7	4	14 (10)	6.9	25	44 (17)	13.1
Syphilis - Non-Infectious		1 (1)	0.7	1	4 (1)	1.2		3 (5)	1.4
Vaccine preventable diseases									
Influenza		1	0.3					3	0.4
Pertussis			0.4		2 (2)	0.4			0.3
Pneumococcal infection		1	0.4		2	0.7		(1)	0.5
Varicella (chicken pox)		12 (17)	3.0		4 (8)	3.1		4 (9)	2.2
Varicella (shingles)	2	37 (69)	17.7		32 (54)	20.4		25 (49)	13.8
Varicella (unspecified)	18	71 (66)	25.9	28	79 (54)	32.4	19	67 (37)	24.4
Vector-borne diseases									
Barmah Forest virus									0.1
Chikungunya					1	0.1			
Malaria		1	0.4	1	1	0.1		(1)	0.1
Ross River virus	4	11 (10)	5.1	5	25 (6)	15.2	6	27 (9)	10.6
Typhus									
Zoonotic diseases									
Q Fever									0.1
Other diseases									
Acute post-streptococcal glomerulonephritis (APS)									
COVID-19		11 (3)	6.5		7 (2)	6.6		13 (5)	11.2
Creutzfeldt-Jakob disease		1 (1)	0.1						
Legionellosis		2 (1)	0.5					1 (1)	0.3
Leprosy									0.1
Meningococcal infection		1	0.3			0.1			0.1
RSV	5	24	15.3	3	11	20.6	2	15	19.4
Tuberculosis		(1)	0.7		1 (3)	0.3		3 (2)	0.9
iGAS	1	1	1.2	1	3	1.3	1	3	1.4
Grand Total	126	506 (577)		108	499 (540)		156	643 (680)	

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 (unspecified)	1	1 (3)	3.3	1	1	1.6		(8)	2.7
Hepatitis C (newly acquired)			1.6						
Hepatitis C (unspecified)	2	7 (10)	7.1		5 (10)	17.9	1	2 (7)	6.7
Hepatitis D									
Enteric diseases									
Campylobacteriosis	4	16 (15)	33.7	1	9 (5)	40.7	1	5 (5)	18.8
Cryptosporidiosis		(1)	1.1		(1)	3.3			
Hepatitis A		1	0.5						
Listeriosis									
Rotavirus	1	2 (1)	2.2			3.3			2.7
STEC/VTEC infection	2	2 (1)	1.6	1	1	1.6		2	5.4
Salmonellosis	2	10 (8)	14.7		2 (1)	4.9	1	2 (5)	6.7
Shigellosis									
Typhoid									
Vibrio parahaemolyticus									
Yersiniosis							1	1	1.3
Sexually transmissible infections									
Chlamydia (genital)	9	36 (32)	63.6	1	6 (12)	35.8	3	13 (9)	57.9
Gonorrhoea		3 (6)	9.8	1	3	6.5		2 (3)	8.1
Syphilis (congenital)									
Syphilis - Infectious			1.1		1	4.9		1 (1)	4.0
Syphilis - Non-Infectious		2	1.6					1 (1)	1.3
Vaccine preventable diseases									
Influenza			0.5						
Pertussis									
Pneumococcal infection						1.6			
Varicella (chicken pox)	1	5 (3)	4.9					(2)	1.3
Varicella (shingles)	11	34 (28)	47.3		7 (10)	26.0	1	4 (5)	24.2
Varicella (unspecified)		2	2.7		2	19.5	2	6 (2)	17.5
Vector-borne diseases									
Barmah Forest virus									
Chikungunya									
Malaria									
Ross River virus	1	7 (6)	22.3		1 (13)	32.5		2	12.1
Typhus			0.5						
Zoonotic diseases									
Q Fever									
Other diseases									
Acute post-streptococcal glomerulonephritis (APS)									
COVID-19			2.7			4.9			4.0
Creutzfeldt-Jakob disease									
Legionellosis		(1)	1.1						1.3
Leprosy									
Meningococcal infection									
RSV		2	37.5	1	4	42.3		2	14.8
Tuberculosis		(1)	1.1						
iGAS	1	2	2.7			3.3			
Grand Total	35	132 (116)		6	42 (52)		10	43 (48)	

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 (unspecified)		1 (3)	5.1		(4)	4.0	1	1 (11)	6.8
Hepatitis C (newly acquired)									
Hepatitis C (unspecified)		(4)	5.1	1	1 (5)	4.0		5 (7)	16.9
Hepatitis D									
Enteric diseases									
Campylobacteriosis		2 (5)	11.8	2	3 (5)	17.8	2	4 (10)	27.1
Cryptosporidiosis		1	1.7				2		13.5
Hepatitis A									
Listeriosis									
Rotavirus							1		1.7
STEC/VTEC infection	1	2 (1)	5.1			2.0	1	1	1.7
Salmonellosis	2	3 (1)	10.1		1 (4)	4.0		3 (7)	23.7
Shigellosis				1		5.9	1	2 (2)	5.1
Typhoid									
Vibrio parahaemolyticus									
Yersiniosis									
Sexually transmissible infections									
Chlamydia (genital)	1	16 (31)	121.2	3	19 (21)	146.4	3	24 (25)	132.0
Gonorrhoea		4 (10)	26.9	3	7 (17)	67.3		12 (17)	99.8
Syphilis (congenital)						2.0			1.7
Syphilis - Infectious		1 (1)	11.8		2 (2)	15.8		3 (21)	32.1
Syphilis - Non-Infectious		2	8.4		(2)	4.0		2	6.8
Vaccine preventable diseases									
Influenza									
Pertussis			1.7			2.0			
Pneumococcal infection		1	1.7		2 (1)	11.9		1 (1)	1.7
Varicella (chicken pox)		3	8.4		1 (1)	5.9		1 (1)	5.1
Varicella (shingles)		1 (6)	13.5		6 (7)	37.6		1 (4)	11.8
Varicella (unspecified)	1	11 (1)	37.0	1	2	5.9			
Vector-borne diseases									
Barmah Forest virus						2.0			1.7
Chikungunya									
Malaria									
Ross River virus		(1)	8.4		1 (1)	4.0	1	2 (1)	11.8
Typhus									
Zoonotic diseases									
Q Fever			1.7						
Other diseases									
Acute post-streptococcal glomerulonephritis (APS)									
COVID-19			16.8			13.8			
Creutzfeldt-Jakob disease									
Legionellosis									
Leprosy									
Meningococcal infection									
RSV	3	13	128.0			7.9	9	23	155.7
Tuberculosis			1.7						
iGAS		2	5.1			2.0		1	5.1
Grand Total	8	63 (64)		10	46 (70)		18	89 (107)	

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 (unspecified)	1	1 (21)	5.8	12	25 (158)	3.6
Hepatitis C (newly acquired)				0	4 (5)	0.5
Hepatitis C (unspecified)	1	2 (3)	17.4	16	62 (137)	6.7
Hepatitis D				0	0 (1)	0.0
Enteric diseases						
Campylobacteriosis	2	4 (2)	14.5	54	205 (213)	26.9
Cryptosporidiosis		3 (7)	23.2	8	37 (11)	3.6
Hepatitis A				0	2 (0)	0.1
Listeriosis				0	1 (0)	0.0
Rotavirus		3	14.5	5	22 (17)	3.3
STEC/VTEC infection			2.9	8	22 (8)	1.8
Salmonellosis	1	4 (6)	32.0	19	69 (126)	9.3
Shigellosis	2	3 (2)	20.3	4	10 (8)	0.9
Typhoid				0	0 (0)	0.1
Vibrio parahaemolyticus				0	0 (1)	0.1
Yersiniosis				2	5 (3)	0.3
Sexually transmissible infections						
Chlamydia (genital)	5	28 (36)	337.0	171	766 (884)	95.9
Gonorrhoea	8	37 (31)	296.3	27	173 (233)	24.2
Syphilis (congenital)				0	0 (1)	0.1
Syphilis - Infectious	2	9 (13)	61.0	49	108 (74)	10.0
Syphilis - Non-Infectious	1	2	8.7	2	17 (10)	1.5
Vaccine preventable diseases						
Influenza				0	4 (0)	0.2
Pertussis				0	2 (2)	0.4
Pneumococcal infection	1	4 (1)	11.6	1	11 (6)	0.9
Varicella (chicken pox)				1	30 (42)	3.0
Varicella (shingles)		7 (5)	52.3	14	154 (239)	20.4
Varicella (unspecified)	1	1	5.8	71	244 (161)	24.3
Vector-borne diseases						
Barmah Forest virus		1	5.8	0	1 (0)	0.2
Chikungunya				0	1 (0)	0.0
Malaria				2	3 (1)	0.2
Ross River virus	1	6 (1)	34.9	18	82 (48)	11.8
Typhus				0	0 (2)	0.0
Zoonotic diseases						
Q Fever				0	0 (0)	0.1
Other diseases						
Acute post-streptococcal glomerulonephritis (APS)	1	2	17.4	1	2 (0)	0.2
COVID-19				0	32 (21)	1771.2
Creutzfeldt-Jakob disease				0	1 (2)	0.0
Legionellosis			2.9	0	3 (5)	0.4
Leprosy				0	0 (0)	0.0
Meningococcal infection				0	1 (0)	0.1
RSV	20	66	418.3	44	162 (0)	30.8
Tuberculosis				0	4 (8)	0.5
iGAS			5.8	4	12 (0)	1.6
Grand Total	47	183 (128)		533	2277 (2428)	

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

	Week Ending								Cumulative Total to end of Week 12	
	04/02	11/02	18/02	25/02	04/03	11/03	18/03	25/03	2022	2021
	Salmonella Total	22	26	16	20	14	19	17	19	249
Serotype/Phage										
Salmonella Agona	2	1	1	1					6	3
Salmonella Anatum		1		1					4	2
Salmonella Ball						1	1		2	0
Salmonella Bareilly									0	2
Salmonella Bovismorbificans		1			1				3	3
Salmonella Braenderup									1	0
Salmonella Cerro					1				1	1
Salmonella Chester			1						1	3
Salmonella Choleraesuis bv Australia			1				1		4	3
Salmonella Choleraesuis bv Decatur				1	1	1			3	6
Salmonella Eastbourne									1	2
Salmonella Enteritidis	1								1	4
Salmonella Essen									0	0
Salmonella Give	1								3	3
Salmonella Give var 15+									0	0
Salmonella Havana				1				1	2	1
Salmonella Houten subsp IV									1	1
Salmonella Hvittingfoss									1	2
Salmonella Infantis			1	1	1				4	6
Salmonella Irumu	1								1	0
Salmonella Kiambu									4	1
Salmonella Lansing							1		1	1
Salmonella Litchfield			1		1				3	2
Salmonella Mgulani		1							1	0
Salmonella Muenchen	1		2				1	1	7	5
Salmonella Newport					2				2	5
Salmonella Ohlstedt					1				1	0
Salmonella Oranienburg	5	2					1		11	2
Salmonella Orion				1					3	3
Salmonella Orion var 15+				1					1	0
Salmonella Paratyphi B bv Java									1	0
Salmonella Poona								1	1	2
Salmonella Potsdam	1								2	6
Salmonella Reading		1							5	3
Salmonella Rissen									1	2
Salmonella Rubislaw		2							3	1
Salmonella Ruiru									1	0
Salmonella Saintpaul				1		1	2		6	12
Salmonella Stanley				1		1			8	2
Salmonella Tennessee						1			1	2
Salmonella Thompson									1	0
Salmonella Typhimurium	8	16	4	7	4	4	5	3	96	193
Salmonella Virchow									2	6
Salmonella Wandsbek subsp II									0	1
Salmonella Wandsworth									1	1
Salmonella Welikade			2						2	0
Salmonella Weltevreden				1					1	2
Salmonella species	2	1	2	3	2	10	5	13	43	20
Salmonella subsp IIIb 61:l,v:z35			1						1	0