



## Department of Health

### STATEWIDE NOTIFIABLE DISEASES WEEKLY REPORT

Epidemiology & Surveillance Program  
Communicable Disease Control Directorate

Report for eight week period 11-DEC-19 to 04-FEB-20

#### **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](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	2020	2019	2018			
	<b>Blood-borne diseases[2]</b>													
Hepatitis B (newly acquired)	1		1						0	6	1	0	1.9	0.0
Hepatitis B (unspecified)	7	13	6	6	13	8	10	11	48	40	46	42	35.3	1.2
Hepatitis C (newly acquired)	1	2	1		3		1		4	10	14	4	9.1	0.4
Hepatitis C (unspecified)	13	22	5	11	14	12	18	25	80	74	97	69	72.0	1.0
Hepatitis D		1							0	0	0	0	0.5	0.0
<b>Enteric diseases</b>														
Campylobacteriosis	69	61	51	91	74	61	45	51	322	334	342	231	256.7	0.9
Cryptosporidiosis	4	8	6	20	11	18	14	17	80	16	16	60	26.5	2.3
Hepatitis A									0	7	0	0	2.1	0.0
Hepatitis E	1				1				1	2	0	1	0.3	3.8
Listeriosis									0	3	2	0	0.8	0.0
Paratyphoid fever		1							0	0	1	0	1.3	0.0
Rotavirus	14	13	5	6	5	7	3	4	25	16	39	19	25.4	0.7
STEC/VTEC infection	4	5	1	4	1	2	5	3	15	12	12	11	5.3	2.1
Salmonellosis	46	41	34	44	42	37	44	45	212	215	246	168	185.8	0.9
Shigellosis	8	5	5	10	10	16	5	2	43	67	38	33	20.9	1.6
Typhoid			1						0	5	3	0	1.5	0.0
Vibrio parahaemolyticus				1					1	6	3	0	2.2	0.0
Yersiniosis					1	2			3	0	2	3	1.1	2.6
<b>Sexually transmissible infections</b>														
Chlamydia (genital)	251	209	107	186	217	228	189	138	958	1299	1205	772	910.1	0.8
Gonorrhoea	87	66	51	91	107	91	56	25	370	477	343	279	252.4	1.1
Syphilis (congenital)									0	0	0	0	0.0	0.0
Syphilis - Infectious	12	9		15	9	12	15	8	59	61	37	44	26.9	1.6
Syphilis - Non-Infectious	4	3	3	3	11	3	1	2	20	17	26	17	10.9	1.6
<b>Vaccine preventable diseases</b>														
H. influenzae type b									0	0	1	0	0.1	0.0
Influenza	63	42	67	84	103	106	119	78	490	660	336	406	229.4	1.8
Measles				1	1		2		4	10	1	3	2.1	1.4
Mumps	1					1	1		2	3	4	2	18.7	0.1
Pertussis	15	16	7	10	10	7	6	2	35	77	132	25	109.3	0.2
Pneumococcal infection	3	1	3	2	2	2	4	1	11	12	17	9	8.3	1.1
Rubella (non-congenital)									0	0	0	0	0.1	0.0
Varicella (chicken pox)	22	10	7	12	15	6	11	4	48	49	46	36	38.3	0.9
Varicella (shingles)	43	35	37	56	45	42	27	10	180	189	227	124	147.9	0.8
Varicella (unspecified)	27	23	26	21	32	31	26	24	134	143	151	113	118.2	1.0
<b>Vector-borne diseases</b>														
Barmah Forest virus									0	3	3	0	2.3	0.0
Chikungunya			1						0	0	0	0	0.9	0.0
Dengue fever	5	7	2	3	9	6	2	1	21	30	19	18	36.9	0.5
Malaria	1	1		1	3	1	2	2	9	1	7	8	5.2	1.5
Ross River virus	5	1	3	9		8	9	2	28	56	75	19	79.1	0.2
Typhus	2		1	2	1	1			4	0	1	2	2.0	1.0
<b>Zoonotic diseases</b>														
Leptospirosis	1				1				1	1	0	1	0.3	3.0
Q Fever		1							0	1	2	0	0.8	0.0
<b>Other diseases</b>														
Acute post-streptococcal glomerulonephritis									0	2	6	0	0.9	0.0
Creutzfeldt-Jakob disease			2						0	0	0	0	0.4	0.0
Haemolytic Uraemic Syndrome									0	0	0	0	0.2	0.0
Legionellosis		1	1		2	1	2	1	6	2	4	6	4.0	1.5
Leprosy		1							0	0	0	0	0.3	0.0
Melioidosis						1			1	0	0	1	0.3	3.0
Meningococcal infection		1	1	1					1	3	5	0	2.1	0.0
Tuberculosis	4	7	2	1	1	3	3	3	11	9	6	10	10.4	1.0
<b>Grand Total</b>	<b>714</b>	<b>606</b>	<b>437</b>	<b>691</b>	<b>744</b>	<b>713</b>	<b>620</b>	<b>459</b>						

## 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	2020	2019	2018			
	<b>Blood-borne diseases[2]</b>													
Hepatitis B (newly acquired)			1						0	4	1	0	1.3	0.0
Hepatitis B (unspecified)	7	12	6	5	11	7	8	10	41	34	37	36	28.9	1.2
Hepatitis C (newly acquired)	1	2	1		2		1		3	6	12	3	6.9	0.4
Hepatitis C (unspecified)	9	16	5	5	10	10	13	17	55	49	63	50	53.2	0.9
Hepatitis D		1							0	0	0	0	0.5	0.0
<b>Enteric diseases</b>														
Campylobacteriosis	52	53	42	77	55	49	36	46	263	270	265	186	201.1	0.9
Cryptosporidiosis	4	8	3	17	10	18	14	14	73	11	8	56	17.9	3.1
Hepatitis A									0	7	0	0	1.8	0.0
Hepatitis E	1				1				1	2	0	1	0.3	3.8
Listeriosis									0	3	1	0	0.7	0.0
Paratyphoid fever		1							0	0	1	0	1.3	0.0
Rotavirus	11	11	4	5	5	5	3	3	21	15	33	16	21.4	0.7
STEC/VTEC infection	4	3	1	4		2	4	2	12	10	9	8	3.6	2.2
Salmonellosis	38	28	27	36	33	26	31	36	162	183	198	126	144.0	0.9
Shigellosis	5	4	2	7	8	10	2		27	45	9	20	9.7	2.1
Typhoid			1						0	5	3	0	1.5	0.0
Vibrio parahaemolyticus				1					1	5	3	0	2.1	0.0
Yersiniosis					1	2			3	0	2	3	1.0	3.0
<b>Sexually transmissible infections</b>														
Chlamydia (genital)	204	162	85	147	165	178	160	123	773	988	947	626	704.6	0.9
Gonorrhoea	66	45	38	69	68	64	42	20	263	336	219	194	166.4	1.2
Syphilis - Infectious	5	6		11	4	8	9	7	39	36	34	28	19.8	1.4
Syphilis - Non-Infectious	1	2	2	2	10	2	1	1	16	14	22	14	8.7	1.6
<b>Vaccine preventable diseases</b>														
H. influenzae type b									0	0	0	0	0.1	0.0
Influenza	47	34	57	66	89	89	108	74	426	503	278	360	175.5	2.1
Measles				1	1		2		4	6	1	3	1.7	1.7
Mumps	1					1	1		2	2	3	2	1.7	1.2
Pertussis	14	13	5	9	8	6	5	2	30	63	92	21	80.4	0.3
Pneumococcal infection	2		1	2	1	1	3		7	9	9	5	4.5	1.1
Rubella (non-congenital)									0	0	0	0	0.1	0.0
Varicella (chicken pox)	17	8	6	8	11	5	9	3	36	41	34	28	27.9	1.0
Varicella (shingles)	27	29	26	43	32	34	24	6	139	132	171	96	107.3	0.9
Varicella (unspecified)	22	22	23	20	26	27	25	20	118	137	146	98	110.6	0.9
<b>Vector-borne diseases</b>														
Barmah Forest virus									0	0	0	0	0.5	0.0
Chikungunya			1						0	0	0	0	0.7	0.0
Dengue fever	5	5	2	3	7	6	1	1	18	29	17	15	30.7	0.5
Malaria	1	1		1	3	1	1	1	7	1	7	6	4.6	1.3
Ross River virus	1		2	6		6	6	1	19	42	54	13	49.3	0.3
Typhus	2		1	2	1	1			4	0	1	2	1.2	1.7
<b>Zoonotic diseases</b>														
Leptospirosis	1				1				1	1	0	1	0.3	3.0
Q Fever									0	0	0	0	0.2	0.0
<b>Other diseases</b>														
Creutzfeldt-Jakob disease			2						0	0	0	0	0.2	0.0
Legionellosis		1			1	1	2		4	2	4	4	2.8	1.4
Leprosy		1							0	0	0	0	0.1	0.0
Melioidosis									0	0	0	0	0.1	0.0
Meningococcal infection		1		1					1	1	4	0	1.4	0.0
Tuberculosis	3	7	2	1	1	3	3	3	11	8	5	10	8.9	1.1
<b>Grand Total</b>	<b>551</b>	<b>476</b>	<b>346</b>	<b>549</b>	<b>565</b>	<b>562</b>	<b>514</b>	<b>390</b>						

## 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]
<b>Blood-borne diseases[2]</b>									
Hepatitis B (unspecified)	3	10 (8)	1.6	3	11 (8)	1.5	4	15 (16)	2.2
Hepatitis C (newly acquired)								3 (2)	0.4
Hepatitis C (unspecified)	5	15 (8)	1.9	7	20 (19)	3.2	5	15 (19)	2.1
<b>Enteric diseases</b>									
Campylobacteriosis	16	69 (67)	12.5	21	65 (66)	12.5	9	52 (66)	9.4
Cryptosporidiosis	9	31 (4)	4.5	4	15 (5)	2.8	1	10 (2)	2.2
Hepatitis E		1	0.1						
Rotavirus	1	10 (4)	1.5	1	3 (2)	0.7	1	3 (7)	0.5
STEC/VTEC infection		4 (2)	0.5	1	2 (3)	0.6	1	2 (2)	0.5
Salmonellosis	14	44 (50)	7.7	6	38 (45)	6.7	16	44 (53)	6.8
Shigellosis		9 (9)	1.3		8 (12)	1.5		3 (17)	0.8
Vibrio parahaemolyticus						0.1			
Yersiniosis		2	0.3		1	0.1			
<b>Sexually transmissible infections</b>									
Chlamydia (genital)	37	187 (246)	28.6	42	206 (283)	35.0	44	233 (294)	37.2
Gonorrhoea	4	54 (73)	8.9	6	66 (77)	11.6	10	74 (117)	13.8
Syphilis - Infectious	2	10 (7)	1.8	2	7 (13)	1.4	3	11 (12)	1.9
Syphilis - Non-Infectious		4 (6)	0.6		4 (3)	0.7	1	6 (3)	0.8
<b>Vaccine preventable diseases</b>									
Influenza	26	153 (152)	22.8	22	88 (138)	14.9	26	119 (135)	17.6
Measles		2 (1)	0.3		1 (4)	0.3			
Mumps		1 (1)	0.1		1 (1)	0.1			
Pertussis	1	7 (18)	1.4	1	13 (16)	2.1		1 (14)	0.4
Pneumococcal infection		3 (4)	0.4		2 (2)	0.4		(1)	0.1
Varicella (chicken pox)		9 (11)	1.6	3	14 (11)	2.5		5 (11)	0.6
Varicella (shingles)	2	33 (42)	5.9	4	37 (32)	7.7		26 (34)	4.8
Varicella (unspecified)	7	38 (41)	5.5	7	31 (45)	5.8	6	29 (30)	4.1
<b>Vector-borne diseases</b>									
Dengue fever		6 (12)	1.0		2 (6)	0.3	1	7 (7)	1.0
Malaria		1	0.1		1 (1)	0.1	1	4	0.6
Ross River virus	1	3 (6)	0.6		7 (20)	1.4		3 (8)	0.5
Typhus		1	0.1		1	0.1			0.3
<b>Zoonotic diseases</b>									
Leptospirosis								1	0.1
<b>Other diseases</b>									
Legionellosis		2	0.3		1 (1)	0.1		1	0.1
Melioidosis									
Meningococcal infection									0.1
Tuberculosis	1	4 (4)	0.6	1	1 (1)	0.1	1	5 (3)	0.6
<b>Grand Total</b>	<b>129</b>	<b>713 (776)</b>		<b>131</b>	<b>646 (814)</b>		<b>130</b>	<b>672 (853)</b>	

## 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]
<b>Blood-borne diseases[2]</b>									
Hepatitis B (unspecified)	1	1 (1)	0.5				2	2.5	
Hepatitis C (newly acquired)					1 (2)	1.6			
Hepatitis C (unspecified)	2	6 (10)	3.1	2	2 (3)	3.1	2	2 (2)	6.3
<b>Enteric diseases</b>									
Campylobacteriosis	4	14 (19)	11.2	1	3 (6)	6.3		6 (4)	8.8
Cryptosporidiosis	2	2 (1)	1.0		1 (1)	1.6			
Hepatitis E									
Rotavirus		1	1.0						
STEC/VTEC infection					1	1.6		1	1.3
Salmonellosis	3	12 (7)	7.7		1	3.1	2	3 (5)	6.3
Shigellosis					1	1.6		1 (1)	1.3
Vibrio parahaemolyticus									
Yersiniosis									
<b>Sexually transmissible infections</b>									
Chlamydia (genital)	4	37 (60)	23.0	4	13 (10)	20.4	1	11 (19)	18.9
Gonorrhoea	1	18 (18)	10.7		2	4.7		1 (4)	3.8
Syphilis - Infectious									
Syphilis - Non-Infectious		1 (1)	0.5						
<b>Vaccine preventable diseases</b>									
Influenza		14 (12)	9.7	1	5 (20)	9.4		1 (6)	3.8
Measles									
Mumps									
Pertussis		3 (2)	2.0					1 (1)	1.3
Pneumococcal infection		1 (1)	0.5						
Varicella (chicken pox)		(3)	0.5				1	2	3.8
Varicella (shingles)	2	15 (15)	10.7		7 (5)	14.1	1	3 (4)	6.3
Varicella (unspecified)	3	5 (1)	2.6					2	2.5
<b>Vector-borne diseases</b>									
Dengue fever		1 (1)	0.5						
Malaria	1	1	0.5						
Ross River virus		4 (4)	2.6		(5)	1.6			
Typhus									
<b>Zoonotic diseases</b>									
Leptospirosis									
<b>Other diseases</b>									
Legionellosis	1	2	1.0						
Melioidosis									
Meningococcal infection									
Tuberculosis									
<b>Grand Total</b>	<b>24</b>	<b>138 (156)</b>		<b>8</b>	<b>37 (52)</b>		<b>7</b>	<b>36 (46)</b>	

## 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]
<b>Blood-borne diseases[2]</b>									
Hepatitis B (unspecified)					1 (1)	1.6		1 (1)	2.8
Hepatitis C (newly acquired)									
Hepatitis C (unspecified)	1	1 (2)	4.2		4 (4)	6.5		2 (1)	2.8
<b>Enteric diseases</b>									
Campylobacteriosis		5 (5)	8.4		4 (1)	8.2		3 (6)	5.7
Cryptosporidiosis	1	1 (1)	1.4						4.3
Hepatitis E									
Rotavirus								1 (1)	1.4
STEC/VTEC infection	1	1 (1)	1.4						
Salmonellosis		4 (5)	7.0	1	2 (1)	3.3	2	7 (2)	11.4
Shigellosis	1	3 (1)	4.2		1 (5)	1.6	1	2 (2)	2.8
Vibrio parahaemolyticus									
Yersiniosis									
<b>Sexually transmissible infections</b>									
Chlamydia (genital)		5 (23)	15.4	3	19 (30)	37.6	1	16 (37)	38.4
Gonorrhoea		5 (13)	9.8	2	7 (18)	14.7	1	17 (26)	34.1
Syphilis - Infectious		1 (1)	1.4					4 (6)	8.5
Syphilis - Non-Infectious				1	1 (2)	1.6		1	1.4
<b>Vaccine preventable diseases</b>									
Influenza	1	9 (27)	14.0	1	3 (7)	8.2	1	2 (10)	5.7
Measles									
Mumps									
Pertussis									
Pneumococcal infection		2 (1)	2.8						
Varicella (chicken pox)			2.8		3 (1)	4.9			
Varicella (shingles)		1 (1)	2.8		(7)	1.6		1 (1)	1.4
Varicella (unspecified)	1	3	4.2					3	5.7
<b>Vector-borne diseases</b>									
Dengue fever					1	1.6			
Malaria									
Ross River virus			1.4				1	2	2.8
Typhus									
<b>Zoonotic diseases</b>									
Leptospirosis									
<b>Other diseases</b>									
Legionellosis									
Melioidosis									
Meningococcal infection									
Tuberculosis									
<b>Grand Total</b>	<b>6</b>	<b>41 (81)</b>		<b>8</b>	<b>46 (77)</b>		<b>7</b>	<b>62 (93)</b>	

## 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]
<b>Blood-borne diseases[2]</b>						
Hepatitis B (unspecified)		1	2.5	11	42 (37)	1.6
Hepatitis C (newly acquired)				0	4 (7)	0.1
Hepatitis C (unspecified)	1	1	4.9	25	69 (68)	2.9
<b>Enteric diseases</b>						
Campylobacteriosis		6 (4)	14.8	51	231 (250)	11.2
Cryptosporidiosis				17	60 (15)	2.8
Hepatitis E				0	1 (1)	0.0
Rotavirus				4	19 (14)	0.9
STEC/VTEC infection				3	11 (8)	0.5
Salmonellosis	1	10 (3)	24.6	45	168 (172)	7.4
Shigellosis		5 (9)	19.7	2	33 (56)	1.5
Vibrio parahaemolyticus				0	0 (5)	0.0
Yersiniosis				0	3 (0)	0.1
<b>Sexually transmissible infections</b>						
Chlamydia (genital)	1	33 (64)	88.6	138	772*****	33.3
Gonorrhoea		30 (32)	81.2	25	279 (383)	12.9
Syphilis - Infectious	1	8 (8)	24.6	8	44 (51)	2.1
Syphilis - Non-Infectious			2.5	2	17 (15)	0.6
<b>Vaccine preventable diseases</b>						
Influenza		2 (29)	7.4	78	406 (546)	17.0
Measles				0	3 (10)	0.1
Mumps				0	2 (2)	0.1
Pertussis				2	25 (57)	1.2
Pneumococcal infection	1	1 (1)	2.5	1	9 (10)	0.4
Varicella (chicken pox)				4	36 (40)	1.7
Varicella (shingles)				10	124 (150)	6.3
Varicella (unspecified)		1	2.5	24	113 (121)	4.7
<b>Vector-borne diseases</b>						
Dengue fever				1	18 (26)	0.7
Malaria				2	8 (1)	0.3
Ross River virus				2	19 (45)	1.0
Typhus				0	2 (0)	0.1
<b>Zoonotic diseases</b>						
Leptospirosis				0	1 (1)	0.0
<b>Other diseases</b>						
Legionellosis				1	6 (1)	0.2
Melioidosis		1	2.5	0	1 (0)	0.0
Meningococcal infection				0	0 (3)	0.0
Tuberculosis				3	10 (9)	0.2
<b>Grand Total</b>	<b>5</b>	<b>99 (150)</b>		<b>460</b>	<b>2538 (3206)</b>	

## 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	2020	2019
	<b>Salmonella Total</b>	<b>46</b>	<b>41</b>	<b>34</b>	<b>44</b>	<b>42</b>	<b>37</b>	<b>44</b>	<b>45</b>	<b>212</b>
Salmonella Adelaide					1				1	0
Salmonella Agona		1				1			1	1
Salmonella Anatum		3							0	1
Salmonella Anatum var 15+		1					1		1	0
Salmonella Bareilly					1				1	0
Salmonella Bredeney								1	1	0
Salmonella Chailey					1				1	0
Salmonella Chester			1	1			2	1	4	3
Salmonella Choleraesuis bv Australia	1			4					4	1
Salmonella Choleraesuis bv Decatur	1	1		1	2				3	1
Salmonella Corvallis							1	1	2	2
Salmonella Derby						1			1	0
Salmonella Eastbourne	1								0	0
Salmonella Enteritidis	5	1		3	5	3	5		16	24
Salmonella Fremantle subsp II							1		1	2
Salmonella Hvittingfoss							1		1	0
Salmonella Infantis				1					1	2
Salmonella Javiana	1								0	1
Salmonella Kentucky			1				1		1	3
Salmonella Litchfield							1		1	2
Salmonella Lohbruegge subsp IV						1			1	0
Salmonella Mbandaka				1					1	0
Salmonella Muenchen	6	3			1	1		1	3	1
Salmonella Muenster	1								0	0
Salmonella Newport	1	2	1			3			3	1
Salmonella Orientalis	1								0	0
Salmonella Paratyphi B bv Java	1	4	1	4	1		1	1	7	13
Salmonella Pomona			1						0	0
Salmonella Poona							1		1	1
Salmonella Potsdam				1					1	0
Salmonella Reading	1	1	1		1		1		2	0
Salmonella Richmond			1						0	0
Salmonella Rissen				1					1	0
Salmonella Saintpaul			2		4		1		5	5
Salmonella Schwarzengrund			2						0	2
Salmonella Senftenberg	1								0	0
Salmonella Singapore		1			1				1	1
Salmonella Stanley		3	2	1		1			2	2
Salmonella Typhimurium	18	16	17	17	15	19	18	8	77	111
Salmonella Virchow				1	2			1	4	4
Salmonella Wandsbek subsp II					1				1	1
Salmonella Waycross					1				1	0
Salmonella Welikade							1		1	0
Salmonella Weltevreden				2		1			3	0
Salmonella species	7	4	4	6	5	6	8	31	56	13