



Department of Health

STATEWIDE NOTIFIABLE DISEASES WEEKLY REPORT

Epidemiology & Surveillance Program
Communicable Disease Control Directorate

Report for eight week period 25-DEC-21 to 18-FEB-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 7			Total Last 4 Weeks	Mean of 15 x 4 week periods[3]	Ratio [4]
	31/12	07/01	14/01	21/01	28/01	04/02	11/02	18/02	2022	2021	2020			
	Blood-borne diseases[2]													
Hepatitis B (unspecified)	4	3	9	13	6	11	12	7	61	46	60	36	38.1	0.9
Hepatitis C (newly acquired)			2	1	1		1		5	10	9	2	7.1	0.3
Hepatitis C (unspecified)	11	9	14	22	11	15	15	11	97	123	107	52	75.3	0.7
Hepatitis D						1			1	0	0	1	0.5	1.9
Enteric diseases														
Campylobacteriosis	54	85	72	72	65	58	61	39	452	461	526	223	264.4	0.8
Cryptosporidiosis	3	6	3	3	6	7	9	11	45	17	193	33	45.8	0.7
Hepatitis A									0	0	2	0	1.6	0.0
Listeriosis									0	1	0	0	0.7	0.0
Rotavirus	14	20	11	7	10	6	3	3	60	17	41	22	23.0	1.0
STEC/VTEC infection		6	2	1	1	4	5	1	20	21	31	11	10.1	1.1
Salmonellosis	17	27	15	25	27	21	24	15	154	187	367	87	192.3	0.5
Shigellosis	2	2	3	1	1	2	3		12	11	72	6	25.5	0.2
Typhoid					1				2	1	1	2	1.6	1.3
Vibrio parahaemolyticus	1	2							2	2	1	0	1.8	0.0
Yersiniosis					1	2	2	1	6	5	3	6	1.3	4.7
Sexually transmissible infections														
Chancroid									0	1	0	0	0.1	0.0
Chlamydia (genital)	107	204	261	223	185	232	223	175	1503	1527	1759	815	933.1	0.9
Gonorrhoea	32	61	64	65	49	52	64	37	392	377	638	202	296.3	0.7
Syphilis (congenital)			1			1			2	0	0	1	0.0	0.0
Syphilis - Infectious	8	23	25	15	20	21	24	31	159	112	97	96	44.4	2.2
Syphilis - Non-Infectious	3	1	4	3	3	3	3	4	21	31	28	13	16.4	0.8
Vaccine preventable diseases														
H. influenzae type b									0	0	1	0	0.1	0.0
Influenza				1	1				2	5	747	1	253.5	0.0
Mumps									0	0	3	0	1.7	0.0
Pertussis	1	1	1		1	1	1	1	6	7	60	4	56.7	0.1
Pneumococcal infection	1	1	3	2		1	4	2	13	10	17	7	8.6	0.8
Rubella (non-congenital)									0	0	0	0	0.1	0.0
Tetanus									0	0	0	0	0.0	0.0
Varicella (chicken pox)	13	8	2	2	5	8	4	3	32	49	84	20	42.6	0.5
Varicella (shingles)	33	46	58	49	41	47	39	16	296	399	335	143	185.2	0.8
Varicella (unspecified)	43	39	47	58	50	54	62	82	392	217	188	248	122.5	2.0
Vector-borne diseases														
Barmah Forest virus				2			2		4	3	3	2	2.1	1.0
Malaria			1					1	2	2	14	1	4.6	0.2
Ross River virus	13	19	34	17	24	30	23	33	180	177	48	110	74.8	1.5
Typhus	1		1			1			2	3	9	1	2.2	0.5
Zoonotic diseases														
Leptospirosis									0	1	0	0	0.3	0.0
Q Fever	1				1				1	0	0	1	0.5	1.9
Other diseases														
Acute post-streptococcal glomerulonephritis		1			1		1	1	4	0	0	3	1.1	2.8
Amoebic meningitis									0	0	0	0	0.0	0.0
COVID-19	26	61	31	16	4	7	4	16	139	40	1	31	18.0	1.7
Creutzfeldt-Jakob disease									0	0	0	0	0.5	0.0
Haemolytic Uraemic Syndrome									0	0	1	0	0.3	0.0
Legionellosis	2	2	2	1	1	1			7	6	6	2	3.1	0.6
Leprosy			1						1	0	0	0	0.1	0.0
Melioidosis									0	1	1	0	0.5	0.0
Meningococcal infection	1	2							2	2	2	0	2.2	0.0
RSV	133	134	98	71	81	69	65	64	582	2	0	279	0.1	*****
Tuberculosis	4			2	1	2	3	3	11	14	17	9	11.4	0.8
iGAS	3	3	4	2	6	2	5	4	26	0	0	17	0.0	0.0
Grand Total	531	766	769	674	604	659	662	562						

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

Disease Category/Disease	Week Ending								Cumulative Total to end of week 7			Total Last 4 Weeks	Mean of 15 x 4 week periods[3]	Ratio [4]
	31/12	07/01	14/01	21/01	28/01	04/02	11/02	18/02	2022	2021	2020			
	Blood-borne diseases[2]													
Hepatitis B (unspecified)	1	2	6	9	6	9	12	3	47	32	52	30	31.1	1.0
Hepatitis C (newly acquired)			2	1	1		1		5	9	6	2	5.5	0.4
Hepatitis C (unspecified)	10	8	10	17	7	11	12	8	73	92	73	38	53.9	0.7
Hepatitis D						1			1	0	0	1	0.5	1.9
Enteric diseases														
Campylobacteriosis	39	69	57	63	56	44	50	28	367	373	431	178	213.3	0.8
Cryptosporidiosis		4		3	5	5	6	10	33	10	176	26	37.1	0.7
Hepatitis A									0	0	2	0	1.5	0.0
Listeriosis									0	0	0	0	0.5	0.0
Rotavirus	11	16	9	6	10	6	3	3	53	16	36	22	19.3	1.1
STEC/VTEC infection		4	1	1		4	5	1	16	16	24	10	7.1	1.4
Salmonellosis	13	20	12	16	24	18	18	10	118	134	279	70	148.8	0.5
Shigellosis	1	1	3	1	1		1		7	3	45	2	12.7	0.2
Typhoid					1			1	2	0	1	2	1.5	1.4
Vibrio parahaemolyticus	1	2							2	2	1	0	1.7	0.0
Yersiniosis					1	2	2	1	6	5	3	6	1.1	5.6
Sexually transmissible infections														
Chlamydia (genital)	87	165	203	172	149	187	164	137	1177	1206	1385	637	728.0	0.9
Gonorrhoea	17	41	44	43	24	33	38	29	252	212	448	124	198.1	0.6
Syphilis (congenital)									0	0	0	0	0.0	0.0
Syphilis - Infectious	4	16	16	11	14	15	17	24	113	60	58	70	27.7	2.5
Syphilis - Non-Infectious	2		2	1	1	3			7	26	25	4	13.6	0.3
Vaccine preventable diseases														
Influenza					1				1	4	650	1	196.9	0.0
Pertussis	1		1		1	1	1	1	5	6	49	4	42.7	0.1
Pneumococcal infection	1		2	2			3	1	8	4	8	4	4.7	0.9
Rubella (non-congenital)									0	0	0	0	0.1	0.0
Tetanus									0	0	0	0	0.0	0.0
Varicella (chicken pox)	12	8	2	2	3	7	2	3	27	37	54	15	30.3	0.5
Varicella (shingles)	25	30	44	39	32	25	25	11	206	282	247	93	131.5	0.7
Varicella (unspecified)	40	38	44	53	43	51	56	75	360	209	182	225	117.9	1.9
Vector-borne diseases														
Barmah Forest virus									0	0	1	0	0.2	0.0
Malaria			1					1	2	1	10	1	3.9	0.3
Ross River virus	10	11	21	8	17	19	13	29	118	91	29	78	41.7	1.9
Typhus			1						1	0	6	0	1.0	0.0
Zoonotic diseases														
Q Fever					1				1	0	0	1	0.1	7.5
Other diseases														
Acute post-streptococcal glomerulonephritis									0	0	0	0	0.0	0.0
COVID-19	13	42	23	8	1		2	10	86	17	0	13	13.1	1.0
Creutzfeldt-Jakob disease									0	0	0	0	0.4	0.0
Haemolytic Uraemic Syndrome									0	0	0	0	0.1	0.0
Legionellosis	1	1	2						3	5	3	0	2.2	0.0
Leprosy			1						1	0	0	0	0.1	0.0
Melioidosis									0	0	0	0	0.1	0.0
Meningococcal infection	1	2							2	1	1	0	1.3	0.0
RSV	93	91	63	33	39	34	21	26	307	0	0	120	0.0	0.0
Tuberculosis	4			1		2	3	1	7	13	16	6	10.3	0.6
iGAS	3	1	2	1	4	2	5	3	18	0	0	14	0.0	0.0
Grand Total	390	572	572	491	442	479	460	416						

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)		6 (6)	1.4	1	5 (3)	1.5	2	19 (10)	3.7
Hepatitis C (newly acquired)			0.1					2 (5)	0.5
Hepatitis C (unspecified)	1	5 (9)	1.2	4	11 (21)	3.4	3	22 (25)	5.6
Hepatitis D		1	0.1						
Enteric diseases									
Campylobacteriosis	10	65 (60)	17.6	12	50 (62)	17.2	6	63 (51)	16.5
Cryptosporidiosis	1	4	0.9	3	4 (3)	0.7	6	18	2.8
Rotavirus		5 (3)	1.4		6	3.3	3	11 (6)	2.8
STEC/VTEC infection		1 (3)	0.1	1	4 (1)	0.9		5 (2)	1.2
Salmonellosis	3	16 (27)	4.6	3	26 (17)	5.4	4	28 (19)	6.5
Shigellosis		1	0.4		(1)	0.3		1 (1)	0.3
Typhoid							1	2	0.3
Vibrio parahaemolyticus									0.3
Yersiniosis		2 (2)	0.3	1	2 (2)	0.3		2 (1)	0.3
Sexually transmissible infections									
Chlamydia (genital)	40	209 (218)	50.2	42	189 (180)	50.6	55	239 (269)	63.3
Gonorrhoea	7	32 (41)	9.2	15	45 (35)	11.0	7	47 (45)	14.9
Syphilis (congenital)									
Syphilis - Infectious	7	17 (6)	3.2	10	25 (10)	5.1	7	28 (18)	7.4
Syphilis - Non-Infectious		1 (4)	0.4					3 (7)	0.5
Vaccine preventable diseases									
Influenza		1 (2)	0.1						
Pertussis	1	2 (1)	0.4		1	0.1		1 (2)	0.1
Pneumococcal infection		1	0.3	1	1	0.3		2 (3)	0.5
Varicella (chicken pox)	1	3 (12)	0.7	1	8 (7)	1.9	1	4 (7)	1.2
Varicella (shingles)	5	30 (60)	9.1	1	32 (52)	11.9	5	31 (52)	8.0
Varicella (unspecified)	23	77 (39)	15.8	26	80 (49)	18.9	26	68 (33)	15.7
Vector-borne diseases									
Barmah Forest virus									
Malaria	1	1	0.1					(1)	0.1
Ross River virus	6	17 (25)	2.8	16	36 (19)	8.4	7	25 (13)	5.6
Typhus									0.1
Zoonotic diseases									
Q Fever								1	0.1
Other diseases									
Acute post-streptococcal glomerulonephritis (APS)									
COVID-19	3	3 (2)	3.0	1	1 (2)	4.2	6	9 (3)	4.9
Legionellosis		(1)	0.3						0.1
Leprosy									0.1
Meningococcal infection						0.1			0.1
RSV	10	38	10.7	13	47	17.4	3	35	15.0
Tuberculosis	1	4 (1)	0.5		1 (1)	0.1		1 (2)	0.3
iGAS	1	5	0.8	1	4	0.7	1	5	0.9
Grand Total	121	547 (522)		152	578 (465)		143	672 (575)	

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)	2.2				1 (2)	2.7	
Hepatitis C (newly acquired)									
Hepatitis C (unspecified)	1	4 (2)	3.8	1	3 (1)	6.5	2 (3)	4.0	
Hepatitis D									
Enteric diseases									
Campylobacteriosis	4	18 (16)	21.7	4	6 (7)	22.8	2	5 (6)	9.4
Cryptosporidiosis		(1)	1.1		1 (1)	1.6			
Rotavirus			1.1			3.3			2.7
STEC/VTEC infection		1	0.5						1.3
Salmonellosis	2	9 (6)	7.6		1 (1)	1.6	1	1 (4)	2.7
Shigellosis									
Typhoid									
Vibrio parahaemolyticus									
Yersiniosis									
Sexually transmissible infections									
Chlamydia (genital)	11	42 (44)	35.3		6 (11)	21.1	4	11 (10)	31.0
Gonorrhoea	1	9 (5)	6.0		(1)	1.6		1 (2)	4.0
Syphilis (congenital)									
Syphilis - Infectious			1.1			1.6	1	2	2.7
Syphilis - Non-Infectious		1	0.5						
Vaccine preventable diseases									
Influenza			0.5						
Pertussis									
Pneumococcal infection					1	1.6			
Varicella (chicken pox)		1 (2)	0.5					1 (2)	1.3
Varicella (shingles)	4	28 (28)	24.5	1	3 (11)	9.8		7 (4)	13.5
Varicella (unspecified)		2	1.1	4	9	19.5	2	6 (1)	8.1
Vector-borne diseases									
Barmah Forest virus									
Malaria									
Ross River virus	3	18 (10)	14.7		6 (11)	30.9		3 (4)	8.1
Typhus		1	0.5						
Zoonotic diseases									
Q Fever									
Other diseases									
Acute post-streptococcal glomerulonephritis (APS)									
COVID-19	1	2	1.1	2	3	4.9	2	3	4.0
Legionellosis		1	1.1						
Leprosy									
Meningococcal infection									
RSV	4	28	35.3	2	10	32.5		3	9.4
Tuberculosis	1	1	0.5						
iGAS		1	1.6		1	3.3			
Grand Total	33	168 (117)		14	50 (44)		12	46 (38)	

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)			3.4	1	1	2.0	1	2 (1)	6.8
Hepatitis C (newly acquired)									
Hepatitis C (unspecified)		1 (3)	3.4		(1)	2.0	1	3 (1)	8.5
Hepatitis D									
Enteric diseases									
Campylobacteriosis		4 (7)	6.7	1	4 (3)	11.9		6 (9)	16.9
Cryptosporidiosis								4	8.5
Rotavirus									
STEC/VTEC infection						2.0			
Salmonellosis		(2)	3.4	1	1 (2)	2.0	1	4 (10)	16.9
Shigellosis					1 (1)	2.0		1	1.7
Typhoid									
Vibrio parahaemolyticus									
Yersiniosis									
Sexually transmissible infections									
Chlamydia (genital)	6	24 (28)	72.4	4	27 (25)	93.0	5	22 (18)	74.5
Gonorrhoea	1	6 (4)	20.2	1	12 (25)	41.5	2	23 (18)	64.3
Syphilis (congenital)					1	2.0			1.7
Syphilis - Infectious	1	4 (4)	10.1	2	7 (3)	21.8	1	6 (10)	22.0
Syphilis - Non-Infectious	1	2 (1)	3.4	2	4	11.9	1	1 (1)	3.4
Vaccine preventable diseases									
Influenza									
Pertussis			1.7						
Pneumococcal infection				1	2	7.9			
Varicella (chicken pox)					2	4.0		1	1.7
Varicella (shingles)		2 (2)	10.1		4 (8)	21.8		1 (4)	3.4
Varicella (unspecified)	1	5 (1)	18.5						
Vector-borne diseases									
Barmah Forest virus					1	2.0			1.7
Malaria									
Ross River virus		3 (1)	6.7		(5)	2.0	1	1	5.1
Typhus									
Zoonotic diseases									
Q Fever									
Other diseases									
Acute post-streptococcal glomerulonephritis (APS)									
COVID-19	1	5	8.4						
Legionellosis		1	1.7						
Leprosy									
Meningococcal infection									
RSV	8	29	94.3		1	7.9	8	35	98.1
Tuberculosis		1	1.7						
iGAS	1	1	1.7						1.7
Grand Total	20	88 (53)		13	68 (73)		21	110 (72)	

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	2.9	7	36 (27)	2.4
Hepatitis C (newly acquired)				0	2 (8)	0.2
Hepatitis C (unspecified)		(4)	2.9	11	52 (70)	3.7
Hepatitis D				0	1 (0)	0.0
Enteric diseases						
Campylobacteriosis		(2)	2.9	39	223 (226)	16.9
Cryptosporidiosis	1	1 (5)	8.7	11	33 (10)	1.7
Rotavirus			2.9	3	22 (9)	2.2
STEC/VTEC infection			2.9	1	11 (7)	0.7
Salmonellosis		1 (8)	14.5	15	87 (97)	5.8
Shigellosis		2 (3)	8.7	0	6 (8)	0.4
Typhoid				1	2 (1)	0.1
Vibrio parahaemolyticus				0	0 (2)	0.1
Yersiniosis				1	6 (5)	0.2
Sexually transmissible infections						
Chlamydia (genital)	5	40 (37)	229.5	175	815 (845)	56.3
Gonorrhoea	3	27 (39)	154.0	37	202 (217)	14.7
Syphilis (congenital)				0	1 (0)	0.1
Syphilis - Infectious	2	6 (15)	26.1	31	96 (66)	6.0
Syphilis - Non-Infectious		1	8.7	4	13 (19)	0.7
Vaccine preventable diseases						
Influenza				0	1 (4)	0.1
Pertussis				1	4 (4)	0.2
Pneumococcal infection				2	7 (4)	0.5
Varicella (chicken pox)				3	20 (33)	1.2
Varicella (shingles)		5 (3)	26.1	16	143 (224)	11.1
Varicella (unspecified)				82	248 (125)	14.7
Vector-borne diseases						
Barmah Forest virus		1 (1)	2.9	0	2 (1)	0.1
Malaria				1	1 (1)	0.1
Ross River virus		1 (2)	5.8	33	110 (90)	6.7
Typhus				0	1 (1)	0.1
Zoonotic diseases						
Q Fever				0	1 (0)	0.0
Other diseases						
Acute post-streptococcal glomerulonephritis (APS)	1	3	11.6	1	3 (0)	0.1
COVID-19				16	31 (16)	81.0
Legionellosis			2.9	0	2 (5)	0.3
Leprosy				0	0 (0)	0.0
Meningococcal infection				0	0 (0)	0.1
RSV	16	52	174.3	64	279 (0)	21.8
Tuberculosis				3	9 (5)	0.5
iGAS			2.9	4	17 (0)	1.0
Grand Total	29	141 (119)		562	2487 (2133)	

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

	Week Ending								Cumulative Total to end of Week 7	
	31/12	07/01	14/01	21/01	28/01	04/02	11/02	18/02	2022	2021
	Salmonella Total	17	27	15	25	27	21	24	15	154
Serotype/Phage										
Salmonella Agona				1		2	1		4	0
Salmonella Anatum				2			1		3	1
Salmonella Bareilly	1								0	1
Salmonella Bovismorbificans		1					1		2	1
Salmonella Braenderup				1					1	0
Salmonella Cerro									0	0
Salmonella Choleraesuis bv Australia				1	1			1	3	2
Salmonella Eastbourne		1							1	2
Salmonella Enteritidis						1			1	1
Salmonella Give			2			1			3	2
Salmonella Give var 15+									0	0
Salmonella Houten subsp IV			1						1	1
Salmonella Hvittingfoss		1							1	2
Salmonella Infantis	1		1						1	3
Salmonella Irumu						1			1	0
Salmonella Kiambu			1		2		1		4	1
Salmonella Litchfield		1							1	1
Salmonella Mgulani							1		1	0
Salmonella Muenchen				1	1			1	3	2
Salmonella Oranienburg				3		5	1	1	10	2
Salmonella Orion		1			1				2	0
Salmonella Paratyphi B bv Java		1							1	0
Salmonella Poona									0	1
Salmonella Potsdam	1				1	1			2	4
Salmonella Reading			1		3		1		5	0
Salmonella Rissen		1							1	2
Salmonella Rubislaw				1				1	2	1
Salmonella Ruiru					1				1	0
Salmonella Saintpaul	1			2					2	4
Salmonella Stanley		2	2	1	1				6	1
Salmonella Thompson				1					1	0
Salmonella Typhimurium	10	15	6	10	13	8	15	1	68	106
Salmonella Virchow		1	1						2	4
Salmonella Wandsbek subsp II	1								0	1
Salmonella Wandsworth		1							1	1
Salmonella species	2	1		1	3	2	2	10	19	12