



Department of Health

STATEWIDE NOTIFIABLE DISEASES WEEKLY REPORT

Epidemiology & Surveillance Program
Communicable Disease Control Directorate

Report for eight week period 18-DEC-21 to 11-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 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	2022	2021	2020			
	Blood-borne diseases[2]													
Hepatitis B (unspecified)	11	4	3	9	13	6	11	12	54	39	52	42	38.4	1.1
Hepatitis C (newly acquired)				2	1			1	4	7	8	2	7.5	0.3
Hepatitis C (unspecified)	26	11	9	14	22	12	15	15	87	99	92	64	73.4	0.9
Hepatitis D							1		1	0	0	1	0.5	1.9
Enteric diseases														
Campylobacteriosis	70	54	85	72	71	64	55	61	408	408	445	251	266.3	0.9
Cryptosporidiosis	6	3	6	3	3	5	6	10	33	14	158	24	42.3	0.6
Hepatitis A									0	0	2	0	1.3	0.0
Listeriosis									0	1	0	0	0.7	0.0
Rotavirus	22	14	20	11	7	10	6	2	56	11	35	25	22.7	1.1
STEC/VTEC infection	1		6	2		1	4	6	19	19	24	11	9.5	1.2
Salmonellosis	13	17	27	15	25	25	18	21	131	160	316	89	185.8	0.5
Shigellosis	1	2	2	3	1	1	2	1	10	11	64	5	25.1	0.2
Typhoid						1			1	1	1	1	1.7	0.6
Vibrio parahaemolyticus		1	2						2	2	1	0	1.7	0.0
Yersiniosis	1					1	2	1	4	5	3	4	1.2	3.3
Sexually transmissible infections														
Chancroid									0	1	0	0	0.1	0.0
Chlamydia (genital)	187	107	204	261	223	183	228	178	1277	1293	1445	812	913.5	0.9
Gonorrhoea	44	32	61	64	65	48	49	40	327	328	530	202	287.5	0.7
Syphilis (congenital)				1			1		2	0	0	1	0.0	0.0
Syphilis - Infectious	16	8	23	26	14	20	23	32	138	95	82	89	43.1	2.1
Syphilis - Non-Infectious	5	3	1	4	3	3	3	3	17	25	24	12	15.3	0.8
Vaccine preventable diseases														
H. influenzae type b									0	0	1	0	0.1	0.0
Influenza	1				1	1			2	5	656	2	250.5	0.0
Mumps									0	0	2	0	1.9	0.0
Pertussis		1	1	1		1	1	1	5	6	53	3	58.7	0.1
Pneumococcal infection	5	1	1	3	2		1	3	10	8	15	6	8.8	0.7
Rubella (non-congenital)									0	0	0	0	0.1	0.0
Tetanus									0	0	0	0	0.0	0.0
Varicella (chicken pox)	12	13	8	2	2	5	7	2	26	35	70	16	42.6	0.4
Varicella (shingles)	47	33	46	55	48	39	42	27	257	347	279	156	182.1	0.9
Varicella (unspecified)	47	43	39	48	59	51	57	61	315	181	161	228	118.9	1.9
Vector-borne diseases														
Barmah Forest virus	2				2			1	3	3	2	3	2.0	1.5
Malaria				1					1	2	10	0	4.7	0.0
Ross River virus	15	12	18	32	17	22	28	18	135	158	41	85	70.0	1.2
Typhus	1	1		2			2		4	3	7	2	2.3	0.9
Zoonotic diseases														
Leptospirosis									0	1	0	0	0.3	0.0
Q Fever		1							0	0	0	0	0.5	0.0
Other diseases														
Acute post-streptococcal glomerulonephritis			1			1		1	3	0	0	2	1.0	2.0
Amoebic meningitis									0	0	0	0	0.0	0.0
COVID-19	18	26	61	31	16	4	7	4	123	39	0	31	9.6	3.2
Creutzfeldt-Jakob disease	1								0	0	0	0	0.5	0.0
Haemolytic Uraemic Syndrome									0	0	1	0	0.3	0.0
Legionellosis	2	2	2	2	1	1		1	7	5	5	3	3.5	0.9
Leprosy				1					1	0	0	0	0.1	0.0
Melioidosis									0	1	1	0	0.4	0.0
Meningococcal infection	1	1	2						2	2	2	0	2.3	0.0
RSV	96	133	134	98	71	81	68	62	514	2	0	282	0.1	*****
Tuberculosis	6	4			2	1	2	3	8	14	11	8	10.8	0.7
iGAS	4	3	3	4	2	6	3	5	23	0	0	16	0.0	0.0
Grand Total	661	530	765	767	671	593	642	572						

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	2022	2021	2020			
	Blood-borne diseases[2]													
Hepatitis B (unspecified)	6	1	2	6	9	6	9	12	44	27	45	36	31.1	1.2
Hepatitis C (newly acquired)				2	1			1	4	6	5	2	5.8	0.3
Hepatitis C (unspecified)	18	10	8	10	17	8	11	12	66	72	64	48	53.1	0.9
Hepatitis D							1		1	0	0	1	0.5	1.9
Enteric diseases														
Campylobacteriosis	53	39	69	57	62	55	41	52	336	330	368	210	213.7	1.0
Cryptosporidiosis	2		4		3	4	4	8	23	10	143	19	34.5	0.6
Hepatitis A									0	0	2	0	1.3	0.0
Listeriosis									0	0	0	0	0.5	0.0
Rotavirus	18	11	16	9	6	10	6	2	49	10	30	24	19.5	1.2
STEC/VTEC infection	1		4	1			4	6	15	14	19	10	6.9	1.4
Salmonellosis	8	13	20	12	16	22	15	16	101	116	234	69	143.9	0.5
Shigellosis	1	1	1	3	1	1		1	7	3	39	3	12.6	0.2
Typhoid						1			1	0	1	1	1.5	0.7
Vibrio parahaemolyticus		1	2						2	2	1	0	1.6	0.0
Yersiniosis	1				1	2	1		4	5	3	4	1.0	4.0
Sexually transmissible infections														
Chlamydia (genital)	144	87	165	203	172	147	183	129	999	1015	1141	631	715.6	0.9
Gonorrhoea	29	17	41	44	42	24	30	27	208	185	373	123	191.6	0.6
Syphilis (congenital)									0	0	0	0	0.0	0.0
Syphilis - Infectious	10	4	16	17	10	14	17	24	98	49	45	65	27.3	2.4
Syphilis - Non-Infectious		2		2	1	1	3		7	21	21	5	12.5	0.4
Vaccine preventable diseases														
Influenza	1					1			1	4	571	1	193.6	0.0
Pertussis		1		1		1	1	1	4	5	44	3	44.4	0.1
Pneumococcal infection	3	1		2	2			2	6	3	8	4	4.8	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)	8	12	8	2	2	3	6	1	22	25	46	12	30.3	0.4
Varicella (shingles)	31	25	30	41	38	30	21	14	174	246	203	103	129.7	0.8
Varicella (unspecified)	43	40	38	45	54	44	53	55	289	173	155	206	114.1	1.8
Vector-borne diseases														
Barmah Forest virus									0	0	1	0	0.3	0.0
Malaria				1					1	1	8	0	4.1	0.0
Ross River virus	8	9	11	18	8	15	17	11	80	78	26	51	38.8	1.3
Typhus				1			1		2	0	5	1	1.1	0.9
Zoonotic diseases														
Q Fever									0	0	0	0	0.1	0.0
Other diseases														
Acute post-streptococcal glomerulonephritis									0	0	0	0	0.0	0.0
COVID-19	14	13	42	23	8	1		2	76	16	0	11	5.9	1.9
Creutzfeldt-Jakob disease	1								0	0	0	0	0.3	0.0
Haemolytic Uraemic Syndrome									0	0	0	0	0.1	0.0
Legionellosis	2	1	1	2					3	5	3	0	2.3	0.0
Leprosy				1					1	0	0	0	0.1	0.0
Melioidosis									0	0	0	0	0.1	0.0
Meningococcal infection	1	1	2						2	1	1	0	1.4	0.0
RSV	56	93	91	63	33	39	34	20	280	0	0	126	0.0	0.0
Tuberculosis	5	4			1		2	3	6	13	11	6	9.8	0.6
iGAS	3	3	1	2	1	4	2	5	15	0	0	12	0.0	0.0
Grand Total	467	389	572	568	487	432	463	405						

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)	3	7 (6)	1.4	2	6 (2)	1.3	7	23 (7)	3.4
Hepatitis C (newly acquired)			0.1				1	2 (4)	0.4
Hepatitis C (unspecified)	2	7 (7)	1.1	3	12 (13)	2.8	7	29 (30)	5.3
Hepatitis D		1	0.1						
Enteric diseases									
Campylobacteriosis	17	72 (62)	16.1	12	59 (66)	15.1	23	79 (56)	15.7
Cryptosporidiosis	2	3	0.8		1 (4)	0.3	6	15	2.0
Rotavirus	2	5 (2)	1.4		10 (2)	3.1		9 (2)	2.4
STEC/VTEC infection	1	1 (4)	0.1	2	4 (1)	0.7	3	5 (3)	1.2
Salmonellosis	4	18 (28)	4.2	5	21 (23)	4.5	7	30 (23)	5.4
Shigellosis		1	0.4		1 (1)	0.3	1	1 (1)	0.3
Typhoid								1	0.1
Vibrio parahaemolyticus									0.3
Yersiniosis	1	1 (2)	0.1		1 (2)	0.1		2 (1)	0.3
Sexually transmissible infections									
Chlamydia (genital)	39	208 (207)	42.9	43	184 (195)	43.1	47	239 (262)	53.2
Gonorrhoea	7	34 (37)	7.9	6	38 (36)	8.2	14	51 (50)	12.9
Syphilis (congenital)									
Syphilis - Infectious	8	16 (7)	2.6	4	15 (10)	3.3	12	34 (13)	7.7
Syphilis - Non-Infectious		1 (7)	0.4					4 (6)	0.5
Vaccine preventable diseases									
Influenza		1 (2)	0.1						
Pertussis		1 (1)	0.3		1 (1)	0.1	1	1 (1)	0.1
Pneumococcal infection	1	1	0.3			0.1	1	3 (2)	0.4
Varicella (chicken pox)		2 (11)	0.5		6 (3)	1.5	1	4 (4)	1.1
Varicella (shingles)	4	30 (61)	7.3	5	38 (52)	10.6	5	35 (51)	6.6
Varicella (unspecified)	22	73 (38)	13.0	20	75 (49)	15.4	13	58 (30)	12.2
Vector-borne diseases									
Barmah Forest virus									
Malaria								(1)	0.1
Ross River virus	3	10 (27)	1.8	4	22 (20)	5.4	4	19 (12)	4.2
Typhus					1	0.1			0.1
Other diseases									
Acute post-streptococcal glomerulonephritis (APS)									
COVID-19		5 (3)	2.6		1 (2)	4.0	2	5 (3)	4.1
Legionellosis		(1)	0.3						0.1
Leprosy									0.1
Meningococcal infection						0.1			0.1
RSV	8	34	9.2	6	46	15.5	6	46	14.6
Tuberculosis	2	3 (1)	0.4		1 (4)	0.1	1	2 (4)	0.3
iGAS	1	4	0.7	1	3	0.6	3	5	0.8
Grand Total	127	539 (514)		113	546 (486)		165	702 (566)	

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)		2 (4)	1.6					1 (1)	2.7
Hepatitis C (newly acquired)									
Hepatitis C (unspecified)	1	6 (4)	3.3		2 (1)	4.9	1	2 (3)	4.0
Hepatitis D									
Enteric diseases									
Campylobacteriosis	3	17 (16)	19.0		5 (6)	16.3	1	4 (5)	6.7
Cryptosporidiosis		(1)	1.1		1 (1)	1.6			
Rotavirus		1	1.1			3.3			2.7
STEC/VTEC infection		1 (1)	0.5						1.3
Salmonellosis	2	9 (6)	6.5		1 (1)	1.6		(3)	1.3
Shigellosis									
Typhoid									
Vibrio parahaemolyticus									
Yersiniosis									
Sexually transmissible infections									
Chlamydia (genital)	11	39 (51)	28.3	4	9 (13)	21.1	4	9 (14)	25.6
Gonorrhoea	1	8 (5)	4.3			1.6		(3)	2.7
Syphilis (congenital)									
Syphilis - Infectious		(2)	1.1		1	1.6		1	1.3
Syphilis - Non-Infectious		1	0.5						
Vaccine preventable diseases									
Influenza		1	0.5						
Pertussis									
Pneumococcal infection					1	1.6			
Varicella (chicken pox)		1 (2)	0.5						
Varicella (shingles)	7	27 (24)	22.3	1	2 (9)	8.1	3	6 (7)	12.1
Varicella (unspecified)	2	2	1.1	1	6	13.0	2	6 (1)	8.1
Vector-borne diseases									
Barmah Forest virus									
Malaria									
Ross River virus	3	15 (13)	12.5	2	10 (13)	29.3	1	4 (5)	8.1
Typhus		1	0.5		(1)	1.6			
Other diseases									
Acute post-streptococcal glomerulonephritis (APS)									
COVID-19		1	0.5	1	1	1.6		1	1.3
Legionellosis	1	1	1.1						
Leprosy									
Meningococcal infection									
RSV	5	40	33.2	2	13	29.3	1	3	9.4
Tuberculosis									
iGAS		1	1.6		1	3.3			
Grand Total	36	174 (129)		11	53 (45)		13	37 (42)	

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)		2	3.4					1 (1)	5.1
Hepatitis C (newly acquired)					(1)	2.0			
Hepatitis C (unspecified)		1 (2)	3.4				1	3 (1)	6.8
Hepatitis D									
Enteric diseases									
Campylobacteriosis	2	3 (7)	5.1	2	4 (2)	9.9		6 (10)	16.9
Cryptosporidiosis							1	3	6.8
Rotavirus					(1)	2.0			
STEC/VTEC infection									
Salmonellosis		1 (1)	3.4				2	7 (9)	13.5
Shigellosis								1 (1)	1.7
Typhoid									
Vibrio parahaemolyticus									
Yersiniosis									
Sexually transmissible infections									
Chlamydia (genital)	3	22 (26)	55.6	9	30 (25)	81.1	5	23 (24)	64.3
Gonorrhoea	1	5 (9)	15.2	1	14 (25)	35.6	3	23 (21)	52.5
Syphilis (congenital)					1	2.0			1.7
Syphilis - Infectious	3	4 (5)	10.1	3	6 (5)	17.8	1	6 (8)	20.3
Syphilis - Non-Infectious	1	1 (1)	1.7	1	4	7.9		(1)	1.7
Vaccine preventable diseases									
Influenza									
Pertussis			1.7						
Pneumococcal infection				1	1	5.9			
Varicella (chicken pox)					2	4.0	1	1	1.7
Varicella (shingles)	1	3 (2)	8.4		7 (8)	21.8		1 (4)	3.4
Varicella (unspecified)		7 (1)	15.2						
Vector-borne diseases									
Barmah Forest virus								1	1.7
Malaria									
Ross River virus		2 (1)	5.1		(4)	2.0		1	3.4
Typhus									
Other diseases									
Acute post-streptococcal glomerulonephritis (APS)									
COVID-19	1	4	6.7						
Legionellosis		1	1.7						
Leprosy									
Meningococcal infection									
RSV	6	28	79.1		2	7.9	8	34	82.9
Tuberculosis		1	1.7						
iGAS								1	1.7
Grand Total	18	85 (55)		17	71 (71)		22	112 (80)	

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)				12	42 (25)	2.0
Hepatitis C (newly acquired)				1	2 (6)	0.1
Hepatitis C (unspecified)		1 (5)	2.9	15	64 (67)	3.3
Hepatitis D				0	1 (0)	0.0
Enteric diseases						
Campylobacteriosis		(1)	2.9	61	251 (234)	15.3
Cryptosporidiosis		(2)	5.8	10	24 (8)	1.2
Rotavirus			2.9	2	25 (6)	2.1
STEC/VTEC infection			2.9	6	11 (11)	0.7
Salmonellosis	1	2 (8)	14.5	21	89 (104)	4.9
Shigellosis		1 (3)	5.8	1	5 (9)	0.4
Typhoid				0	1 (1)	0.0
Vibrio parahaemolyticus				0	0 (2)	0.1
Yersiniosis				1	4 (5)	0.1
Sexually transmissible infections						
Chlamydia (genital)	12	43 (33)	212.1	178	812 (856)	47.8
Gonorrhoea	7	29 (39)	142.4	40	202 (226)	12.2
Syphilis (congenital)				0	1 (0)	0.1
Syphilis - Infectious	1	5 (16)	20.3	32	89 (66)	5.2
Syphilis - Non-Infectious	1	1	8.7	3	12 (21)	0.7
Vaccine preventable diseases						
Influenza				0	2 (4)	0.1
Pertussis				1	3 (4)	0.2
Pneumococcal infection				3	6 (4)	0.4
Varicella (chicken pox)				2	16 (23)	1.0
Varicella (shingles)	1	7 (3)	26.1	27	156 (221)	9.6
Varicella (unspecified)				61	228 (121)	11.8
Vector-borne diseases						
Barmah Forest virus	1	1 (2)	2.9	1	3 (2)	0.1
Malaria				0	0 (1)	0.0
Ross River virus	1	2 (2)	5.8	18	85 (97)	5.1
Typhus				0	2 (1)	0.1
Other diseases						
Acute post-streptococcal glomerulonephritis (APS)	1	2	8.7	1	2 (0)	0.1
COVID-19				4	31 (22)	44.0
Legionellosis		1	2.9	1	3 (4)	0.3
Leprosy				0	0 (0)	0.0
Meningococcal infection				0	0 (0)	0.1
RSV	19	35	124.9	62	282 (0)	19.2
Tuberculosis				3	8 (10)	0.3
iGAS		1	5.8	5	16 (0)	0.9
Grand Total	45	131 (114)		572	2478 (2165)	

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

	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	2022	2021
	Salmonella Total	13	17	27	15	25	25	18	21	131
Serotype/Phage										
Salmonella Adelaide	1								0	2
Salmonella Agona					1		1		2	0
Salmonella Anatum					2			1	3	1
Salmonella Bareilly		1							0	1
Salmonella Bovismorbificans			1						1	1
Salmonella Braenderup					1				1	0
Salmonella Cerro	1								0	0
Salmonella Choleraesuis bv Australia					1	1			2	2
Salmonella Eastbourne			1						1	2
Salmonella Enteritidis							1		1	1
Salmonella Give				2					2	2
Salmonella Give var 15+	1								0	0
Salmonella Houten subsp IV				1					1	0
Salmonella Hvittingfoss			1						1	2
Salmonella Infantis	1	1		1					1	3
Salmonella Irumu							1		1	0
Salmonella Kiambu				1		2		1	4	1
Salmonella Litchfield			1						1	0
Salmonella Mgulani								1	1	0
Salmonella Muenchen	1				1	1			2	2
Salmonella Newport	2								0	2
Salmonella Oranienburg					3		3	3	9	1
Salmonella Orion			1			1			2	0
Salmonella Paratyphi B bv Java			1						1	0
Salmonella Poona									0	0
Salmonella Potsdam		1				1	1		2	4
Salmonella Reading				1		3		1	5	0
Salmonella Rissen			1						1	2
Salmonella Rubislaw					1				1	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	4	10	15	6	10	11	9	4	55	94
Salmonella Virchow			1	1					2	4
Salmonella Wandsbek subsp II		1							0	0
Salmonella Wandsworth			1						1	0
Salmonella species	1	2	1		1	3	2	10	17	9
Salmonella subsp 1 ser 4,5:d:-	1								0	0