



Department of Health

STATEWIDE NOTIFIABLE DISEASES WEEKLY REPORT

Epidemiology & Surveillance Program
Communicable Disease Control Directorate

Report for eight week period 01-JAN-21 to 25-FEB-21

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 8			Total Last 4 Weeks	Mean of 15 x 4 week periods[3]	Ratio [4]
	07/01	14/01	21/01	28/01	04/02	11/02	18/02	25/02	2021	2020	2019			
	Blood-borne diseases[2]													
Hepatitis B (newly acquired)					1		1		2	0	9	2	1.2	1.7
Hepatitis B (unspecified)	2	12	5	9	4	8	6	7	53	70	69	25	38.0	0.7
Hepatitis C (newly acquired)		1	2	2	1	2	2		10	9	12	5	8.3	0.6
Hepatitis C (unspecified)	8	24	20	16	9	21	26	21	145	125	129	77	77.3	1.0
Enteric diseases														
Campylobacteriosis	94	80	61	57	67	43	48	14	464	587	531	172	256.7	0.7
Cryptosporidiosis	3	3	1	1	4	2	1		15	235	31	7	52.0	0.1
Listeriosis		1							1	0	5	0	0.7	0.0
Rotavirus	1	3	3	1		1	5		14	49	42	6	23.1	0.3
STEC/VTEC infection	4	2	6	2		3	2		19	33	24	5	8.4	0.6
Salmonellosis	27	29	34	22	27	17	25	8	189	424	372	77	212.3	0.4
Shigellosis	2		1	3	3	2			11	79	95	5	25.1	0.2
Typhoid				1					1	2	8	0	1.6	0.0
Vibrio parahaemolyticus				1	1				2	1	7	1	2.1	0.5
Yersiniosis		1		1	1	2	1	1	7	3	0	5	0.9	5.4
Sexually transmissible infections														
Chancroid			1						1	0	0	0	0.0	0.0
Chlamydia (genital)	180	252	243	167	171	252	210	67	1542	2021	2095	700	994.2	0.7
Gonorrhoea	46	54	58	46	48	66	34	2	354	727	734	150	311.7	0.5
Syphilis (congenital)									0	0	0	0	0.0	0.0
Syphilis - Infectious	16	16	21	19	19	22	15	4	132	115	104	60	38.7	1.6
Syphilis - Non-Infectious	2	3	5	3	2	4	5	1	25	33	28	12	14.8	0.8
Vaccine preventable diseases														
Influenza		1		1	2	2	1	2	9	841	1048	7	284.6	0.0
Pertussis			1	1	1	1	1	1	6	63	121	4	78.9	0.1
Pneumococcal infection	3	1	2		1	1	2		10	20	15	4	8.6	0.5
Varicella (chicken pox)	5	7	4	4	6	7	14	1	48	89	95	28	43.4	0.6
Varicella (shingles)	59	63	47	49	59	49	35	4	365	389	353	147	168.7	0.9
Varicella (unspecified)	28	34	34	33	27	40	44	28	268	214	214	139	124.3	1.1
Vector-borne diseases														
Barmah Forest virus			1		1		1		3	3	3	2	2.5	0.8
Malaria			1	1					2	16	4	0	5.7	0.0
Ross River virus	27	24	19	14	17	19	15	6	141	57	82	57	67.1	0.8
Typhus		2		1	1				4	10	1	1	1.9	0.5
Zoonotic diseases														
Leptospirosis			1						1	0	2	0	0.3	0.0
Other diseases														
COVID-19	6	11	7	9	3	3	1	2	42	2	0	9	26.1	0.3
Legionellosis	1		1	1		2	1		6	6	5	3	2.9	1.0
Melioidosis						1			1	1	1	1	0.6	1.7
Meningococcal infection		2							2	3	4	0	1.9	0.0
Tuberculosis	3	3	5	1	1	4		1	18	22	14	6	9.9	0.6
Grand Total	517	629	584	466	477	574	496	170						

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

Disease Category/Disease	Week Ending								Cumulative Total to end of week 8			Total Last 4 Weeks	Mean of 15 x 4 week periods[3]	Ratio [4]
	07/01	14/01	21/01	28/01	04/02	11/02	18/02	25/02	2021	2020	2019			
	Blood-borne diseases[2]													
Hepatitis B (newly acquired)					1		1		2	0	6	2	0.9	2.1
Hepatitis B (unspecified)	2	10	2	7	3	5	4	5	38	60	60	17	31.8	0.5
Hepatitis C (newly acquired)		1	2	2	1	2	1		9	6	7	4	6.3	0.6
Hepatitis C (unspecified)	4	17	14	14	8	12	22	13	104	86	94	55	55.3	1.0
Enteric diseases														
Campylobacteriosis	80	66	54	48	54	24	39	12	377	481	433	129	206.4	0.6
Cryptosporidiosis	3	3	1		2	1			10	215	23	3	41.4	0.1
Rotavirus	1	2	3	1		1	5		13	41	40	6	18.8	0.3
STEC/VTEC infection	3	2	4	1		3	2		15	26	18	5	5.6	0.9
Salmonellosis	19	23	29	13	19	10	15	5	133	326	298	49	165.4	0.3
Shigellosis	1				1	1			3	49	61	2	13.0	0.2
Vibrio parahaemolyticus				1	1				2	1	6	1	2.1	0.5
Yersiniosis		1		1	1	2	1		6	3	0	4	0.8	5.0
Sexually transmissible infections														
Chlamydia (genital)	145	202	187	129	134	199	178	61	1235	1588	1600	572	768.7	0.7
Gonorrhoea	24	37	29	30	26	38	23	2	209	512	531	89	212.9	0.4
Syphilis (congenital)									0	0	0	0	0.0	0.0
Syphilis - Infectious	10	12	10	8	9	17	9	3	78	70	64	38	26.2	1.5
Syphilis - Non-Infectious	2	2	4	3	1	3	3	1	19	30	21	8	12.3	0.7
Vaccine preventable diseases														
Influenza		1		1	2	1	1		6	720	772	4	223.2	0.0
Pertussis			1	1		1	1	1	5	50	91	3	58.5	0.1
Pneumococcal infection	1				1	1	1		4	8	10	3	4.7	0.6
Varicella (chicken pox)	3	4	4	4	5	2	12		34	59	72	19	30.7	0.6
Varicella (shingles)	39	42	33	35	48	39	22	3	261	290	246	112	121.3	0.9
Varicella (unspecified)	27	29	33	31	23	37	44	26	250	207	208	130	117.5	1.1
Vector-borne diseases														
Barmah Forest virus							1		1	1	0	1	0.4	2.5
Malaria				1					1	12	4	0	4.8	0.0
Ross River virus	10	7	10	8	8	9	11	4	67	36	65	32	36.7	0.9
Typhus				1					1	6	1	0	1.0	0.0
Other diseases														
COVID-19	2	6	2	4	1	1	1	1	18	1	0	4	20.6	0.2
Legionellosis	1			1		2			4	3	4	2	2.0	1.0
Meningococcal infection		1							1	1	1	0	1.1	0.0
Tuberculosis	3	3	5	1		3		1	16	21	13	4	9.0	0.4
Grand Total	380	471	427	346	349	414	397	138						

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	0.2		1	0.1
Hepatitis B (unspecified)	2	6 (9)	1.6	2	3 (7)	1.1	1	8 (13)	2.6
Hepatitis C (newly acquired)					1 (1)	0.5		3 (2)	0.8
Hepatitis C (unspecified)	4	12 (7)	2.9	5	24 (20)	5.6	4	19 (20)	6.3
Enteric diseases									
Campylobacteriosis	4	42 (87)	17.7	5	48 (71)	19.6	3	39 (82)	16.1
Cryptosporidiosis					3 (24)	0.8		(49)	0.7
Listeriosis									
Rotavirus		3 (6)	0.7		(6)	0.3		3 (8)	0.8
STEC/VTEC infection		3 (8)	1.1		1 (2)	0.2		1 (6)	0.8
Salmonellosis	2	22 (66)	6.3	1	12 (41)	5.4	2	15 (71)	7.0
Shigellosis					1 (6)	0.2		1 (9)	0.3
Vibrio parahaemolyticus			0.1		1	0.2			
Yersiniosis			0.3		3	0.5		1	0.1
Sexually transmissible infections									
Chlamydia (genital)	22	187 (283)	53.1	15	153 (312)	52.4	24	232 (294)	68.2
Gonorrhoea	1	22 (57)	9.0	1	26 (80)	8.4		41 (119)	11.9
Syphilis - Infectious		8 (10)	1.9		12 (16)	3.9	3	18 (18)	5.2
Syphilis - Non-Infectious		2 (2)	0.8		1 (3)	0.9	1	5 (8)	1.0
Vaccine preventable diseases									
Influenza		3 (120)	0.4		1 (100)	0.2		(108)	0.3
Pertussis		(5)	0.1		(11)	0.2	1	3 (3)	0.4
Pneumococcal infection			0.1					3	0.4
Varicella (chicken pox)		8 (9)	1.9		6 (6)	2.1		5 (11)	0.8
Varicella (shingles)	2	44 (44)	14.2		33 (57)	12.8	1	35 (43)	9.9
Varicella (unspecified)	12	42 (37)	11.8	9	51 (39)	14.5	5	37 (25)	9.2
Vector-borne diseases									
Barmah Forest virus					1	0.2			
Malaria								(2)	0.1
Ross River virus	2	11 (3)	3.1	1	12 (7)	4.2	1	9 (5)	2.2
Typhus									0.1
Zoonotic diseases									
Leptospirosis									
Other diseases									
COVID-19			0.7		2	0.6	1	2 (1)	1.2
Legionellosis		(1)	0.1		2	0.5			
Melioidosis									
Meningococcal infection									0.1
Tuberculosis		(6)	0.5		2 (2)	0.8	1	2 (5)	1.0
Grand Total	51	415 (760)		39	400 (811)		48	483 (902)	

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 (1)	2.7		1	3.3		2	4.0
Hepatitis C (newly acquired)									
Hepatitis C (unspecified)	1	3 (7)	4.4		1 (5)	3.3	3	5 (4)	9.3
Enteric diseases									
Campylobacteriosis	1	13 (15)	18.1		6 (5)	22.8	1	4 (11)	9.3
Cryptosporidiosis		(4)	0.5		1	1.6			
Listeriosis			0.5						
Rotavirus						1.6			
STEC/VTEC infection		(3)	1.1			1.6			
Salmonellosis		4 (17)	7.1		1 (1)	1.6	1	3 (6)	10.7
Shigellosis									
Vibrio parahaemolyticus									
Yersiniosis									
Sexually transmissible infections									
Chlamydia (genital)	2	35 (55)	47.7		8 (21)	31.0	2	6 (6)	32.0
Gonorrhoea		4 (13)	3.3					1 (1)	6.7
Syphilis - Infectious		(1)	1.6						1.3
Syphilis - Non-Infectious							1		2.7
Vaccine preventable diseases									
Influenza									
Pertussis		1 (4)	0.5						
Pneumococcal infection								(1)	2.7
Varicella (chicken pox)		2 (4)	2.2		4	6.5	1	3 (1)	4.0
Varicella (shingles)		18 (26)	25.7		8 (9)	35.9	1	3 (3)	22.7
Varicella (unspecified)								1 (2)	4.0
Vector-borne diseases									
Barmah Forest virus									
Malaria									
Ross River virus	1	9 (2)	17.5	1	11 (1)	42.4		(1)	4.0
Typhus					1	1.6			
Zoonotic diseases									
Leptospirosis									
Other diseases									
COVID-19									
Legionellosis								1	1.3
Melioidosis									
Meningococcal infection									
Tuberculosis					1	1.6			
Grand Total	6	92 (152)		1	43 (42)		9	30 (36)	

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	2	6.7
Hepatitis B (unspecified)									
Hepatitis C (newly acquired)		1 (1)	1.7						
Hepatitis C (unspecified)	1	3 (1)	8.3	1	2 (2)	11.6		3 (1)	6.7
Enteric diseases									
Campylobacteriosis		6 (4)	16.6		3 (4)	9.7		8 (4)	16.7
Cryptosporidiosis									
Listeriosis									
Rotavirus									
STEC/VTEC infection						1.9			
Salmonellosis		2 (4)	3.3		2 (7)	7.7	1	9 (5)	18.4
Shigellosis		1 (4)	3.3		1	1.9		(2)	1.7
Vibrio parahaemolyticus									
Yersiniosis							1	1	1.7
Sexually transmissible infections									
Chlamydia (genital)		21 (23)	71.3	1	17 (38)	63.7		14 (32)	70.3
Gonorrhoea		3 (4)	16.6		16 (16)	61.8		11 (25)	50.2
Syphilis - Infectious		1	8.3	1	4 (5)	15.4		8 (8)	21.8
Syphilis - Non-Infectious		1	1.7		1 (1)	1.9		1	1.7
Vaccine preventable diseases									
Influenza	1	1 (20)	1.7	1	1 (6)	1.9			
Pertussis									
Pneumococcal infection		1 (2)	1.7						1.7
Varicella (chicken pox)		(1)	3.3		(2)	1.9			
Varicella (shingles)		2 (2)	5.0		1 (1)	7.7		(3)	8.4
Varicella (unspecified)	1	2 (3)	5.0		2	5.8	1	2	5.0
Vector-borne diseases									
Barmah Forest virus									
Malaria									
Ross River virus		1	1.7		2	17.4			
Typhus								(1)	3.3
Zoonotic diseases									
Leptospirosis									
Other diseases									
COVID-19									
Legionellosis									
Melioidosis									
Meningococcal infection									
Tuberculosis									
Grand Total	3	46 (69)		4	52 (82)		4	59 (81)	

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)				0	2 (0)	0.1
Hepatitis B (unspecified)		(2)	2.9	7	25 (34)	1.9
Hepatitis C (newly acquired)				0	5 (5)	0.4
Hepatitis C (unspecified)	2	5	25.8	21	77 (67)	5.3
Enteric diseases						
Campylobacteriosis		1 (4)	11.5	14	172 (289)	17.5
Cryptosporidiosis		3	8.6	0	7 (150)	0.6
Listeriosis				0	0 (0)	0.0
Rotavirus				0	6 (25)	0.5
STEC/VTEC infection				0	5 (20)	0.7
Salmonellosis	1	6 (4)	46.0	8	77 (225)	7.1
Shigellosis		1 (8)	11.5	0	5 (35)	0.4
Vibrio parahaemolyticus				0	1 (0)	0.1
Yersiniosis				1	5 (0)	0.3
Sexually transmissible infections						
Chlamydia (genital)		22 (55)	140.7	67	700*****	58.2
Gonorrhoea		24 (45)	169.4	2	150 (367)	13.3
Syphilis - Infectious		8 (10)	66.1	4	60 (70)	5.0
Syphilis - Non-Infectious			2.9	1	12 (15)	0.8
Vaccine preventable diseases						
Influenza		1 (2)	2.9	2	7 (392)	0.3
Pertussis				1	4 (28)	0.2
Pneumococcal infection		(2)	5.7	0	4 (9)	0.4
Varicella (chicken pox)				1	28 (39)	1.8
Varicella (shingles)		3 (7)	14.4	4	147 (198)	13.8
Varicella (unspecified)		1	2.9	28	139 (106)	10.1
Vector-borne diseases						
Barmah Forest virus		1	5.7	0	2 (2)	0.1
Malaria				0	0 (7)	0.1
Ross River virus		1 (5)	5.7	6	57 (25)	5.3
Typhus				0	1 (6)	0.2
Zoonotic diseases						
Leptospirosis			2.9	0	0 (0)	0.0
Other diseases						
COVID-19				2	9 (2)	1.8
Legionellosis			2.9	0	3 (2)	0.2
Melioidosis		1	2.9	0	1 (0)	0.0
Meningococcal infection			2.9	0	0 (2)	0.1
Tuberculosis				1	6 (14)	0.3
Grand Total	3	78 (144)		170	1717 (3293)	

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

	Week Ending								Cumulative Total to end of Week 8	
	07/01	14/01	21/01	28/01	04/02	11/02	18/02	25/02	2021	2020
	Salmonella Total	27	29	34	22	27	17	25	8	189
Serotype/Phage										
Salmonella Adelaide	2								2	1
Salmonella Anatum	1								1	3
Salmonella Bareilly					1				1	2
Salmonella Bovismorbificans	1								1	3
Salmonella Chester			1						1	10
Salmonella Choleraesuis bv Australia			1						1	5
Salmonella Choleraesuis bv Decatur		4			1				5	5
Salmonella Corvallis							1		1	3
Salmonella Eastbourne				1		1			2	1
Salmonella Fremantle subsp II	1								1	2
Salmonella Give		1			1				2	0
Salmonella Havana						1			1	1
Salmonella Hessarek									0	1
Salmonella Hvitvingfoss		1			1				2	1
Salmonella Infantis			1			2			3	6
Salmonella Kiambu						1			1	0
Salmonella Kottbus	1								1	0
Salmonella Lansing			1						1	0
Salmonella Litchfield							1		1	3
Salmonella Livingstone					1				1	0
Salmonella Muenchen				2				1	3	12
Salmonella Newport					1	1			2	5
Salmonella Oranienburg		1					1		2	0
Salmonella Orion									0	0
Salmonella Poona							1		1	1
Salmonella Potsdam		2	1	1					4	0
Salmonella Richmond	1								1	0
Salmonella Rissen		1	1						2	2
Salmonella Rubislaw	1								1	0
Salmonella Sachsenwald subsp IV							1		1	0
Salmonella Saintpaul	2				1	1			4	13
Salmonella Senftenberg		1							1	0
Salmonella Stanley						1			1	3
Salmonella Tennessee		1							1	0
Salmonella Typhimurium	15	13	23	17	18	6	10		102	217
Salmonella Urbana					1				1	0
Salmonella Virchow		1	1	1		1			4	5
Salmonella Wandsbek subsp II							1		1	1
Salmonella Weltevreden							1		1	4
Salmonella Zanzibar		1							1	0
Salmonella species	2	2	3		1	2	8	7	25	27
Salmonella subsp I ser 16:l,v:-			1						1	0