



Department of Health

STATEWIDE NOTIFIABLE DISEASES WEEKLY REPORT

Epidemiology & Surveillance Program
Communicable Disease Control Directorate

Report for eight week period 08-JAN-21 to 04-MAR-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 9			Total Last 4 Weeks	Mean of 15 x 4 week periods[3]	Ratio [4]
	14/01	21/01	28/01	04/02	11/02	18/02	25/02	04/03	2021	2020	2019			
	Blood-borne diseases[2]													
Hepatitis B (newly acquired)				1		1			2	0	9	1	1.1	0.9
Hepatitis B (unspecified)	12	5	9	4	8	6	13	8	67	78	78	35	39.2	0.9
Hepatitis C (newly acquired)	1	1	3	1	2	2	1		11	11	13	5	8.6	0.6
Hepatitis C (unspecified)	24	21	15	9	21	26	27	21	172	148	147	95	79.9	1.2
Hepatitis D							1		1	0	4	1	0.5	1.9
Enteric diseases														
Campylobacteriosis	80	61	57	67	47	49	45	21	521	640	570	162	243.1	0.7
Cryptosporidiosis	3	1	1	4	2	1	4		19	270	32	7	53.3	0.1
Listeriosis	1								1	0	5	0	0.7	0.0
Rotavirus	3	3	1	1	1	5	1	2	18	51	47	9	22.5	0.4
STEC/VTEC infection	2	6	2		3	2		1	20	35	25	6	7.7	0.8
Salmonellosis	28	34	22	27	18	28	16	7	208	459	410	69	213.5	0.3
Shigellosis		1	3	3	2			3	14	88	102	5	23.7	0.2
Typhoid				1					1	2	8	0	1.5	0.0
Vibrio parahaemolyticus			1	1					2	2	8	0	1.7	0.0
Yersiniosis	1		1	1	2	1	1		7	3	0	4	0.9	4.6
Sexually transmissible infections														
Chancroid		1							1	0	0	0	0.0	0.0
Chlamydia (genital)	252	243	168	173	256	224	229	77	1802	2222	2300	786	986.1	0.8
Gonorrhoea	53	58	46	49	66	48	40	16	423	807	807	170	305.9	0.6
Syphilis (congenital)									0	0	0	0	0.1	0.0
Syphilis - Infectious	15	21	19	20	21	18	15	1	146	131	111	55	39.2	1.4
Syphilis - Non-Infectious	3	5	3	2	5	5	1		26	37	33	11	14.4	0.8
Vaccine preventable diseases														
Influenza	1		1	2	2	1	3		10	929	1171	6	277.2	0.0
Mumps							1		1	4	5	1	19.8	0.1
Pertussis		1	1	1	1	1			7	73	140	2	75.3	0.0
Pneumococcal infection	1	2		1	1	2	1		11	23	20	4	8.7	0.5
Rubella (non-congenital)							1		1	0	1	1	0.2	5.0
Varicella (chicken pox)	7	4	4	8	8	14	4	2	56	100	109	28	43.7	0.6
Varicella (shingles)	64	49	50	62	53	51	33	8	429	443	393	145	168.7	0.9
Varicella (unspecified)	33	33	32	27	33	36	39	26	287	249	238	134	123.1	1.1
Vector-borne diseases														
Barmah Forest virus		2		1		1			4	3	3	1	2.9	0.3
Malaria		1	1					1	3	19	6	1	5.6	0.2
Ross River virus	25	22	15	19	17	14	12	8	162	61	92	51	69.1	0.7
Typhus	2		1	1			1		5	10	1	1	2.0	0.5
Zoonotic diseases														
Leptospirosis		1							1	0	2	0	0.3	0.0
Other diseases														
COVID-19	11	7	9	3	3	1	2	1	43	8	0	7	34.1	0.2
Legionellosis		1	1		2	1			6	7	6	3	3.4	0.9
Melioidosis					1				1	2	1	1	0.7	1.5
Meningococcal infection	2						1		3	3	4	1	1.7	0.6
Tuberculosis	3	5	1	1	4		1	4	22	23	15	9	10.1	0.9
Grand Total	627	589	468	489	579	538	496	204						

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

Disease Category/Disease	Week Ending								Cumulative Total to end of week 9			Total Last 4 Weeks	Mean of 15 x 4 week periods[3]	Ratio [4]
	14/01	21/01	28/01	04/02	11/02	18/02	25/02	04/03	2021	2020	2019			
	Blood-borne diseases[2]													
Hepatitis B (newly acquired)				1		1			2	0	6	1	0.9	1.1
Hepatitis B (unspecified)	10	1	7	3	5	4	9	6	47	67	67	24	32.6	0.7
Hepatitis C (newly acquired)	1	1	3	1	2	2	1		11	8	7	5	6.5	0.8
Hepatitis C (unspecified)	17	15	13	8	12	21	19	15	124	106	109	67	56.8	1.2
Hepatitis D							1		1	0	4	1	0.5	2.1
Enteric diseases														
Campylobacteriosis	66	54	48	54	27	40	35	19	423	527	467	121	195.9	0.6
Cryptosporidiosis	3	1		2	1				10	246	23	1	41.8	0.0
Rotavirus	2	3	1	1	1	5	1	2	17	42	44	9	17.8	0.5
STEC/VTEC infection	2	4	1		3	2			15	28	18	5	5.3	0.9
Salmonellosis	22	29	13	19	11	18	10	5	147	354	330	44	165.7	0.3
Shigellosis				1	1		1		4	54	65	2	12.4	0.2
Vibrio parahaemolyticus			1	1					2	2	7	0	1.7	0.0
Yersiniosis	1		1	1	2	1			6	3	0	3	0.7	4.1
Sexually transmissible infections														
Chlamydia (genital)	202	187	129	135	203	184	192	70	1447	1752	1763	649	763.9	0.8
Gonorrhoea	37	29	30	26	38	26	22	13	245	562	581	99	208.7	0.5
Syphilis (congenital)									0	0	0	0	0.0	0.0
Syphilis - Infectious	11	10	8	10	16	12	10	1	88	76	67	39	26.5	1.5
Syphilis - Non-Infectious	2	4	3	1	4	3	1		20	32	26	8	11.8	0.7
Vaccine preventable diseases														
Influenza	1		1	2	1	1	1		7	785	844	3	217.5	0.0
Mumps							1		1	3	4	1	1.8	0.6
Pertussis		1	1		1	1			6	56	101	2	55.7	0.0
Pneumococcal infection				1	1	1	1		5	10	12	3	4.7	0.6
Rubella (non-congenital)							1		1	0	1	1	0.2	5.0
Varicella (chicken pox)	4	4	4	7	3	12	2	2	41	65	81	19	31.1	0.6
Varicella (shingles)	42	34	35	50	40	35	22	4	301	321	276	101	121.3	0.8
Varicella (unspecified)	29	33	31	23	32	36	35	24	270	238	232	127	116.0	1.1
Vector-borne diseases														
Barmah Forest virus						1			1	1	0	1	0.5	1.9
Malaria			1					1	2	13	6	1	4.8	0.2
Ross River virus	7	12	9	10	9	11	10	5	83	37	71	35	37.2	0.9
Typhus			1						1	6	1	0	1.1	0.0
Other diseases														
COVID-19	6	2	4	1	1	1	1		18	7	0	3	24.9	0.1
Legionellosis			1		2				4	3	5	2	2.3	0.9
Meningococcal infection	1								1	1	1	0	0.9	0.0
Tuberculosis	3	5	1		3		1	2	18	22	14	6	9.2	0.7
Grand Total	469	429	347	358	419	418	377	169						

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			0.1
Hepatitis B (unspecified)		4 (6)	1.6	3	9 (10)	2.0	3	11 (11)	3.0
Hepatitis C (newly acquired)					1 (2)	0.5		4 (3)	1.1
Hepatitis C (unspecified)	2	11 (3)	3.3	8	33 (27)	7.1	5	23 (22)	7.3
Hepatitis D		1	0.1						
Enteric diseases									
Campylobacteriosis	5	49 (71)	20.8	8	41 (59)	21.7	6	31 (80)	17.3
Cryptosporidiosis					1 (21)	0.8		(41)	0.7
Listeriosis									
Rotavirus	1	4 (6)	0.8	1	1 (3)	0.5		4 (8)	1.1
STEC/VTEC infection		3 (10)	1.1		1	0.2		1 (5)	0.8
Salmonellosis	1	17 (60)	6.8	2	13 (48)	6.0	2	14 (59)	7.8
Shigellosis					2 (7)	0.3		(7)	0.3
Vibrio parahaemolyticus			0.1		(1)	0.2			
Yersiniosis			0.3		2	0.5		1 (1)	0.1
Sexually transmissible infections									
Chlamydia (genital)	27	210 (254)	63.1	18	175 (276)	61.9	25	264 (286)	78.7
Gonorrhoea	2	23 (56)	9.8	6	27 (82)	9.9	5	49 (112)	14.7
Syphilis - Infectious		5 (6)	1.9		14 (13)	4.7	1	20 (17)	5.9
Syphilis - Non-Infectious		2 (4)	0.8		(3)	0.9		6 (9)	1.1
Vaccine preventable diseases									
Influenza		3 (111)	0.5		(88)	0.2		(93)	0.3
Mumps		1 (1)	0.1						
Pertussis		(8)	0.1		(8)	0.5		2 (3)	0.3
Pneumococcal infection		(2)	0.1					3	0.5
Rubella (non-congenital)		1	0.1						
Varicella (chicken pox)	1	7 (8)	2.2	1	8 (4)	2.6		4 (11)	1.1
Varicella (shingles)	1	33 (50)	15.5	1	32 (59)	14.8	2	36 (38)	12.2
Varicella (unspecified)	7	42 (39)	13.1	12	55 (38)	16.3	5	30 (34)	9.1
Vector-borne diseases									
Barmah Forest virus					1	0.2			
Malaria							1	1 (3)	0.3
Ross River virus	2	13 (2)	4.1	2	12 (6)	4.8	1	10 (6)	2.9
Typhus									0.1
Zoonotic diseases									
Leptospirosis									
Other diseases									
COVID-19		(3)	0.7		2 (3)	0.6		1 (3)	1.2
Legionellosis		(1)	0.1		2	0.5			
Melioidosis									
Meningococcal infection									0.1
Tuberculosis	1	1 (4)	0.7	1	3 (3)	0.9		2 (5)	1.0
Grand Total	50	430 (705)		63	436 (761)		56	517 (857)	

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)		2	2.7		1	3.3	1	4 (1)	6.7
Hepatitis C (newly acquired)									
Hepatitis C (unspecified)		3 (6)	4.4	1	2 (5)	4.9	1	5 (4)	9.3
Hepatitis D									
Enteric diseases									
Campylobacteriosis		15 (19)	19.2		4 (6)	24.5		7 (10)	13.4
Cryptosporidiosis		(5)	0.5			1.6			
Listeriosis			0.5						
Rotavirus						1.6			
STEC/VTEC infection		(3)	1.1			1.6			
Salmonellosis	1	5 (9)	8.2	1 (1)		1.6		3 (6)	10.7
Shigellosis									
Vibrio parahaemolyticus									
Yersiniosis									
Sexually transmissible infections									
Chlamydia (genital)	4	37 (52)	53.1		8 (13)	34.2		8 (9)	36.1
Gonorrhoea		3 (14)	3.8		1 (4)	1.6		2 (1)	8.0
Syphilis - Infectious		(1)	1.6						1.3
Syphilis - Non-Infectious								1	2.7
Vaccine preventable diseases									
Influenza									
Mumps									
Pertussis		(5)	0.5						
Pneumococcal infection								(1)	2.7
Rubella (non-congenital)									
Varicella (chicken pox)		2 (4)	2.2		3 (1)	6.5		3 (1)	4.0
Varicella (shingles)	3	18 (25)	29.0	1	9 (13)	42.4		7 (2)	29.4
Varicella (unspecified)								(3)	2.7
Vector-borne diseases									
Barmah Forest virus									
Malaria									
Ross River virus	2	7 (1)	18.6	1	6 (2)	44.0		1 (1)	5.3
Typhus		1	0.5			1.6			
Zoonotic diseases									
Leptospirosis									
Other diseases									
COVID-19									
Legionellosis								1	1.3
Melioidosis									
Meningococcal infection									
Tuberculosis	1	1	0.5		1	1.6			
Grand Total	11	94 (144)		3	36 (45)		2	42 (39)	

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)									
Hepatitis B (unspecified)								2	6.7
Hepatitis C (newly acquired)									
Hepatitis C (unspecified)		4 (1)	9.9	2	5 (2)	17.4	2	5 (2)	10.0
Hepatitis D									
Enteric diseases									
Campylobacteriosis	1	5 (4)	19.9	1	2 (2)	11.6		5 (4)	18.4
Cryptosporidiosis									
Listeriosis									
Rotavirus									
STEC/VTEC infection						1.9	1	1	1.7
Salmonellosis		2 (4)	3.3		1 (3)	7.7	1	7 (5)	20.1
Shigellosis		3 (8)	6.6		(1)	1.9		(1)	1.7
Vibrio parahaemolyticus									
Yersiniosis							1		1.7
Sexually transmissible infections									
Chlamydia (genital)		21 (24)	82.9	1	15 (28)	73.4		12 (34)	73.7
Gonorrhoea		4 (2)	19.9	1	17 (13)	75.3		9 (28)	56.9
Syphilis - Infectious			8.3		4 (3)	15.4		7 (7)	26.8
Syphilis - Non-Infectious		1	1.7		1	1.9			1.7
Vaccine preventable diseases									
Influenza		1 (21)	1.7		1 (5)	1.9			
Mumps									
Pertussis									
Pneumococcal infection		1 (2)	1.7					(1)	1.7
Rubella (non-congenital)									
Varicella (chicken pox)		(1)	3.3		1 (3)	3.9			
Varicella (shingles)		3 (4)	6.6		3 (2)	17.4		(2)	8.4
Varicella (unspecified)	2	5 (2)	9.9				1		5.0
Vector-borne diseases									
Barmah Forest virus									
Malaria									
Ross River virus		1	1.7			19.3			
Typhus								(1)	3.3
Zoonotic diseases									
Leptospirosis									
Other diseases									
COVID-19									
Legionellosis									
Melioidosis									
Meningococcal infection					1	1.9			
Tuberculosis				1	1	1.9			
Grand Total	3	51 (73)		6	52 (62)		4	50 (85)	

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	1 (0)	0.1
Hepatitis B (unspecified)	1	2 (2)	11.5	8	35 (32)	2.5
Hepatitis C (newly acquired)				0	5 (5)	0.4
Hepatitis C (unspecified)		4	25.8	21	95 (72)	6.3
Hepatitis D				0	1 (0)	0.0
Enteric diseases						
Campylobacteriosis		2 (3)	14.4	21	162 (260)	19.6
Cryptosporidiosis		6	20.1	0	7 (147)	0.7
Listeriosis				0	0 (0)	0.0
Rotavirus				2	9 (21)	0.7
STEC/VTEC infection				1	6 (18)	0.8
Salmonellosis		6 (2)	51.7	7	69 (200)	7.8
Shigellosis		(6)	11.5	0	5 (37)	0.5
Vibrio parahaemolyticus				0	0 (1)	0.1
Yersiniosis				0	4 (1)	0.3
Sexually transmissible infections						
Chlamydia (genital)	1	32 (48)	192.4	77	786*****	68.0
Gonorrhoea	2	33 (46)	218.3	16	170 (362)	16.0
Syphilis - Infectious		5 (10)	71.8	1	55 (60)	5.5
Syphilis - Non-Infectious			2.9	0	11 (18)	0.8
Vaccine preventable diseases						
Influenza		1 (3)	2.9	0	6 (361)	0.4
Mumps				0	1 (2)	0.0
Pertussis				0	2 (30)	0.3
Pneumococcal infection		(1)	5.7	0	4 (11)	0.4
Rubella (non-congenital)				0	1 (0)	0.0
Varicella (chicken pox)				2	28 (37)	2.1
Varicella (shingles)		4 (9)	20.1	8	145 (208)	16.2
Varicella (unspecified)			2.9	26	134 (117)	10.8
Vector-borne diseases						
Barmah Forest virus			8.6	0	1 (1)	0.2
Malaria				1	1 (10)	0.1
Ross River virus		(7)	5.7	8	51 (26)	6.1
Typhus				0	1 (4)	0.2
Zoonotic diseases						
Leptospirosis			2.9	0	0 (0)	0.0
Other diseases						
COVID-19				1	7 (10)	1.8
Legionellosis			2.9	0	3 (3)	0.2
Melioidosis		1 (1)	2.9	0	1 (1)	0.0
Meningococcal infection			2.9	0	1 (1)	0.1
Tuberculosis				4	9 (13)	0.4
Grand Total	4	96 (138)		204	1817 (3127)	

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

	Week Ending								Cumulative Total to end of Week 9	
	14/01	21/01	28/01	04/02	11/02	18/02	25/02	04/03	2021	2020
	Salmonella Total	28	34	22	27	18	28	16	7	208
Serotype/Phage										
Salmonella Adelaide									2	1
Salmonella Anatum									1	3
Salmonella Bareilly				1					1	2
Salmonella Birkenhead					1	3			4	1
Salmonella Bovismorbificans									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	2
Salmonella Give	1			1					2	0
Salmonella Havana					1				1	1
Salmonella Hessarek									0	1
Salmonella Houten subsp IV						1			1	0
Salmonella Hvittingfoss	1			1					2	1
Salmonella Infantis		1			2		1		4	7
Salmonella Kiambu					1				1	0
Salmonella Kottbus									1	0
Salmonella Lansing		1							1	0
Salmonella Litchfield						1	1		2	3
Salmonella Livingstone				1					1	0
Salmonella Muenchen			2				1		3	14
Salmonella Newport				1	1			1	3	6
Salmonella Oranienburg	1					1			2	0
Salmonella Orion									0	0
Salmonella Poona						1			1	1
Salmonella Potsdam	2	1	1				1		5	0
Salmonella Reading							1		1	2
Salmonella Richmond									1	0
Salmonella Rissen	1	1							2	2
Salmonella Rubislaw									1	0
Salmonella Sachsenwald subsp IV						1			1	0
Salmonella Saintpaul				1	1				4	14
Salmonella Senftenberg	1								1	0
Salmonella Singapore							1		1	1
Salmonella Stanley					1				1	3
Salmonella Tennessee	1						1		2	0
Salmonella Typhimurium	12	23	17	18	6	13	6	1	112	243
Salmonella Urbana				1					1	0
Salmonella Virchow	1	1	1		1				4	7
Salmonella Wandsbek subsp II						1			1	1
Salmonella Wandsworth						1			1	0
Salmonella Weltevreden						1			1	4
Salmonella Zanzibar	1								1	1
Salmonella species	2	3		1	2	3	3	5	21	27
Salmonella subsp I ser 16:l,v:-		1							1	0