ADT FN21/2022

Disease group	Disease name	Disease code	ACT	NSW	NT	Qld	SA	Tas	Vic	WA	This reporting period 03/10/2022 16/10/2022	Previous reporting Period 19/09/2022 02/10/2022	Same reporting period last year 03/10/2021 16/10/2021	Current year YTD 01/01/2022 16/10/2022	Past Quarter 19/07/2022 16/10/2022	Quarterly rolling 5 year mean	Ratio past quarter/5 year mean*	Exceeds quarterly rolling mean +2 SD by	Past Year 17/10/2021 16/10/2022	Yearly rolling 5 year mean 17/10/2016 16/10/2021	Ratio past year/5 year mean*	Exceeds yearly rolling mean +2 SD by
			Notification received date																			
			State or Territory								Totals for Australia				Historical 90 Day Period				Historical Yearly Period			
Bloodborne diseases	Hepatitis B (newly acquired)	039	-	-	-	2	-	-	-	-	2	2	2	45	13	30.2	0.4	-	58	137.2	0.4	-
	Hepatitis B (unspecified)	052	6	77	1	44	1	1	64	23	217	205	163	4,323	1,390	1,339.6	1.0	-	5,374	5,406.2	1.0	-
	Hepatitis C (newly acquired)	040	-	1	-	23	-	-	-	-	24	18	29	397	115	175.0	0.7	-	545	702.4	0.8	-
	Hepatitis C (unspecified)	053	2	89	-	67	-	2	50	35	245	269	235	4,967	1,705	2,035.4	0.8	-	6,301	8,695.4	0.7	-
	Hepatitis D	050	-	1	-	1	1	-	-	1	4	-	2	49	12	22.6	0.5	-	66	75.8	0.9	-
Gastrointestinal diseases	Botulism	045	-	-	-	-	-	-	-	-	-	-	-	4	1	-		1.0	6	1.4	4.3	1.9
	Campylobacteriosis	005	47	577	13	426	135	44	534	165	1,941	1,585	1,448	30,596	10,908	7,803.4	1.4	1,181.6	40,207	33,258.8	1.2	-
	Cholera	008	-	-	-	-	-	-	-	-	-	-	-	4	-	0.2	-	-	5	0.8	6.3	2.5
	Cryptosporidiosis	061	2	21	-	14	7	3	22	7	76	70	49	1,593	473	400.6	1.2	-	1,975	3,035.2	0.7	-
	Haemolytic uraemic syndrome (HUS)	055	-	-	-	2	-	-	-	-	2	-	-	6	4	3.6	1.1	-	8	14.4	0.6	-
	Hepatitis A	038	-	-	-	-	-	-	-	1	1	4	2	103	40	40.8	1.0	-	110	209.0	0.5	-
	Hepatitis E	051	-	-	-	3	-	-	-	-	3	1	-	18	9	5.8	1.6	-	18	40.4	0.4	-
	Listeriosis	018	-	-	-	-	-	-	2	1	3	9	3	76	27	13.6	2.0	9.8	83	59.8	1.4	-
	Paratyphoid	080	-	-	-	1	-	-	-	-	1	1	-	39	12	7.0	1.7	-	40	64.6	0.6	-
	Salmonellosis	030	-	74	11	73	21	2	81	34	296	321	308	8,201	1,778	2,152.6	0.8	-	10,630	13,835.0	0.8	-
	Shigellosis	031	1	33	4	8	3	1	14	6	70	72	17	972	438	423.0	1.0	-	1,072	1,948.2	0.6	-
	STEC""	054	-	7	-	3	7	-	5	8	30	27	23	634	180	114.0	1.6	39.2	804	573.2	1.4	118.9
	Typhoid Fever	035	1	-	-	-	-	-	1	1	3	7	-	130	44	20.8	2.1	-	132	129.6	1.0	-
Listed Human diseases	Avian influenza in humans (AIH)	076	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-		-
	COVID-19	081	1,118	21,091	490	1,677	5,630	269	16,018	11,480	57,773	64,636	31,536	8,538,945	1,228,942	25,336.8	48.5	1,106,898.1	8,834,865	29,130.0	303.3	8,703,550.1
	Middle East respiratory syndrome coronavirus (N	079	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-		-
	Plague	025	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-		-
	Severe acute respiratory syndrome (SARS)	071	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-		-
	Smallpox	069	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-		-
	Viral haemorrhagic fever (NEC)	036	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-		-
	Yellow fever	041	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-		-
Sexually transmissible infections	Chlamydial infection	007	52	1,025	96	1,056	219	69	705	451	3,673	3,324	2,826	72,580	22,989	23,443.6	1.0	-	90,134	99,117.8	0.9	-
	Donovanosis	010	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-		-
	Gonococcal infection	011	10	346	81	240	70	11	359	130	1,247	1,230	789	26,216	8,564	7,055.4	1.2	-	31,303	30,296.4	1.0	-
	Syphilis < 2 years	066	-	54	11	42	7	-	86	41	241	254	193	4,693	1,575	1,313.4	1.2	-	5,811	5,206.6	1.1	-
	Syphilis > 2 years or unspecified duration	067	-	10	1	1	1	-	48	5	66	70	48	1,779	505	539.4	0.9	-	2,188	2,196.6	1.0	-
	Syphilis congenital	047	-	-	-	1	-	-	-	-	1	3	1	11	4	4.0	1.0	-	13	10.2	1.3	-
Vaccine preventable diseases	Diphtheria	009	-	-	-	1	-	-	-	1	2	-	1	28	5	2.0	2.5	1.6	28	8.8	3.2	17.5
	Haemophilus influenzae type b	012	-	-	-	-	-	-	-	-	-	1	1	10	5	4.6	1.1	-	12	20.0	0.6	-
	Measles	021	-	-	-	-	-	-	-	-	-	1	-	3	2	26.2	0.1	-	3	104.6	0.0	-
	Meningococcal disease (invasive)	022	-	1	-	1	-	-	-	1	3	8	-	92	38	70.2	0.5	-	110	217.4	0.5	-
	Mumps	043	-	1	-	-	1	-	-	-	2	2	1	25	11	74.8	0.1	-	28	379.0	0.1	-
	Pneumococcal disease (invasive)	065	1	25	2	19	10	1	12	12	82	75	36	1,481	630	591.0	1.1	-	1,703	1,762.4	1.0	-
	Poliovirus infection	026	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-		-
	Rotavirus	077	3	127	13	284	20	5	108	10	570	537	134	3,585	2,414	1,472.0	1.6	-	4,794	4,091.4	1.2	-
	Rubella	029	-	-	-	-	-	-	-	-	-	-	-	3	2	1.6	1.3	-	3	9.2	0.3	-
	Rubella congenital	046	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-		-
	Tetanus	033	-	-	-	-	-	-	-	-	-	-	-	1	-	1.2	-	-	1	4.4	0.2	-
	Varicella zoster (chickenpox)	073	6	NN	4	1	13	2	19	16	61	66	73	1,082	399	989.6	0.4	-	1,481	3,558.0	0.4	-
	Varicella zoster (shingles)	074	22	NN	17	14	66	11	61	83	274	267	367	6,275	1,787	3,241.2	0.6	-	8,347	13,210.6	0.6	-
	Varicella zoster (unspecified)	075	10	NN	7	375	58	16	345	117	928	858	806	16,196	5,591	3,928.0	1.4	-	21,122	14,687.4	1.4	932.0
Respiratory diseases	Influenza (laboratory confirmed)	062	2	230	4	131	95	18	100	168	748	737	25	225,763	21,186	73,105.6	0.3	-	225,941	131,638.2	1.7	-
	Legionellosis^	015	-	8	-	2	4	1	2	4	21	25	20	500	117	90.2	1.3	-	660	457.2	1.4	62.6
	Pertussis	024	-	3	-	3	3	-	6	1	16	24	18	391	139	1,933.8	0.1	-	496	9,228.6	0.1	-
	RSV	083	15	603	115	244	751	254	315	840	3,137	4,850	93	78,000	40,870	90.6	451.1	40,374.2	78,925	109.6	720.1	78,325.3
	Tuberculosis	034	-	19	1	5	-	-	14	6	45	47	47	926	312	380.2	0.8	-	1,228	1,504.6	0.8	-
Vectorborne diseases	Barmah Forest virus infection	048	-	4	-	4	-	-	-	-	8	11	6	247	64	82.8	0.8	-	327	423.6	0.8	-
	Chikungunya virus infection	078	-	-	-	-	-	-	-	-	-	1	-	20	9	13.0	0.7	-	21	63.8	0.3	-
	Dengue virus infection	003	1	17	-	4	3	-	5	6	36	34	1	261	164	139.2	1.2	-	267	817.4	0.3	-
	Flavivirus infection (unspecified)	001	-	-	-	-	-	-	-	-	-	-	-	2	1	2.6	0.4	-	2	13.8	0.1	-
	Japanese encephalitis virus infection**	059	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	Malaria	020	-	1	-	2	-	-	-	-	3	12	2	132	49	69.8	0.7	-	152	285.6	0.5	-
	Murray Valley encephalitis virus infection	049	-	-	-	-	-	-	-	-	-	-	-	1	1	-		1.0	1	0.4	2.5	-
	Ross River virus infection	002	-	13	-	16	-	-	-	2	31	31	38	2,561	210	470.0	0.4	-	2,840	4,657.8	0.6	-
	West Nile/Kunjin virus infection	060	-	-	-	-	-	-	-	-	-	-	-	1	1	0.2	5.0	-	1	1.4	0.7	-
Zoonoses	Anthrax	058	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-		-
	Australian bat lyssavirus infection	063	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-		-
	Brucellosis	004	-	2	-	-	-	-	-	-	2	1	-	11	7	4.0	1.8	0.2	12	19.2	0.6	-
	Leptospirosis	017	-	1	1	3	1	-	-	-	6	6	8	151	32	26.4	1.2	-	169	162.6	1.0	-
	Lyssavirus infection (NEC)	064	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-		-
	Monkeypox virus (MPXV) infection++	084	-	2	-	-	-	-	1	-	3	3	-	140	97	-		97.0	140	-		140.0
	Ornithosis	023	-	-	-	2	-	-	1	-	3	3	2	24	13	8.8	1.5	-	34	31.8	1.1	-
	Q fever	027	-	3	-	4	1	-	-	-	8	12	16	341	102	115.0	0.9	-	444	521.8	0.9	-
	Rabies	028	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-		-
	Tularaemia	070	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	0.4	-	-
Other notifiable diseases	iGAS	082	-	19	2	15	3	1	21	4	65	49	16	715	334	18.4	18.2	233.3	823	24.4	33.7	692.8
	Leprosy	016	-	-	-	-	-	-	-	-	-	1	-	4	3	2.2	1.4	-	8	9.4	0.9	-
			1,299	24,485	874	4,814	7,131	711	18,999	13,660	71,973	79,770	39,385	9,035,353	1,354,323				9,381,871			

Footnotes:

* Ratio of the 90 day prior surveillance period to the past 90 day 5 year rolling mean, or ratio of the year period prior surveillance period to the year period 5 year rolling mean.

NN = Not Notifiable, NEC = Not Elsewhere Classified

** Japanese encephalitis virus (JEV) cases are reported separately on the JEV outbreak webpage, accessible at: https://www.health.gov.au/health-alerts/japanese-encephalitis-virus-jev/about

++ On 1 June 2022, 'monkeypox virus infection' was listed for a period of 6 months on the National Notifiable Diseases List (NNDL) under the provisions of the National Health Security Act 2007. During the 6 month period a formal review will be undertaken to determine whether to list 'monkeypox virus infection' permanently on the NNDL.

The data in this report are reliant on the provision of data from states and territories to the Australian Government Department of Health. Backlogs in notifications at the state or territory level may contribute to delays in reporting to the NNDSS. Notifications for some high volume conditions are only uploaded quarterly by some jurisdictions, which can result in apparent large variability over time. The NNDSS is a dynamic dataset, with data in this report representing data available on (10/10/2022). Data in this report are subject to retrospective revision and may vary from data reported in published NNDSS reports and reports of notification data by states and territories.

"" Please note that changes in laboratory testing protocols in some states are influencing case ascertainment.

^ In the past 12 months (17 October 2021 – 16 October 2022), there have been 660 cases of legionellosis reported to the National Notifiable Diseases Surveillance System (NNDSS), which is higher than the historical five-year mean (n=457.2). In the past fortnight (3 October – 16 October) there have been 21 cases of legionella, when the 5-yearly average for this fortnight is 18.4 cases. Of the cases this notified in this fortnight, 8 were pneumophila, 11 were longbeachae and 2 were unknown. It is difficult to determine the extent to which the increase in legionellosis notifications is associated with increased testing of individuals with influenza-like symptoms or pneumonia in response to COVID-19, or other factors.