

## COVID-19 Epidemiology - Quick Facts – 31 January 2022

### AUSTRALIA – SUMMARY DATA

#### Summary of Australian cases and testing – to 1200hrs 31 January 2022

Source: State and territory reporting to the National Incident Centre

	National (total)	ACT	NSW	NT	Qld	SA	Tas	Vic	WA
<b>TOTAL 2020 - 2022</b>									
<b>TOTAL CASES</b>	2,213,084	27,813	905,794	16,877	306,816	106,862	14,155	833,216	1,551
<b>TOTAL DEATHS (CFR)</b>	3,853 (0.2%)	26 (0.1%)	1,442 (0.2%)	2 (0.0%)	209 (0.1%)	120 (0.1%)	18 (0.1%)	2,029 (0.2%)	9 (0.6%)
<b>2022</b>									
Cases	1,817,699	23,813	718,320	16,303	292,957	95,792	13,364	656,757	393
Deaths (CFR)	1,596 (0.1%)	11 (0.0%)	759 (0.1%)	1 (0.0%)	202 (0.1%)	114 (0.1%)	5 (0.0%)	504 (0.1%)	0 (0.0%)
<b>2021</b>									
Cases	366,963	3,882	182,546	500	12,608	10,491	557	156,084	295
Deaths (CFR)	1,331 (0.4%)	12 (0.3%)	609 (0.3%)	1 (0.2%)	1 (0.0%)	2 (0.0%)	0 (0.0%)	706 (0.5%)	0 (0.0%)
<b>2020</b>									
Cases	28,422	118	4,928	74	1,251	579	234	20,375	863
Deaths (CFR)	908 (3.2%)	3 (2.5%)	54 (1.1%)	0 (0.0%)	6 (0.5%)	4 (0.7%)	13 (5.6%)	819 (4.0%)	9 (1.0%)

#### Current active cases – as at 31 December 2021

Source: State and territory reporting to the National Incident Centre

	NATIONAL			JURISDICTIONS							
	National (total)	24 January	17 January	ACT	NSW	NT	Qld	SA	Tas	Vic	WA
<b>Total Active cases</b>	366,895	411,875	708,180	3,750	200,901	6,165	63,119	18,928	1,156	72,710	166
<b>Hospitalised (of total Active)</b>	4,954 (1.4%)	5,173	4,906	64	2,749	132	868	273	16	851	1
<b>ICU (of those hospitalised)</b>	375 (7.6%)	404	407	1	186	4	54	22	1	106	1
<b>Ventilated (of those admitted to ICU)*</b>	137 (36.5%)	146	129	1	77	0	23	5	1	30	0

**COVID-19 Cases by Vaccination status - Locally acquired cases aged 12 years and over, selected jurisdictions\*, 1 January 2021 to 30 November 2021**

Vaccination status	Not severe (no hospital or death)	Hospitalised (no ICU or death)	ICU (but no death)	COVID-19 related death	Total cases
<b>DELTA WAVE (16 June 2021 – 14 December 2021): NSW, ACT, QLD, and SA only</b>					
Fully vaccinated	6,171 (12.0%)	452 (6.3%)	32 (3.0%)	10 (4.4%)	6,665 (11.1%)
Partially vaccinated	6,195 (12.0%)	571 (8.0%)	56 (5.2%)	24 (10.6%)	6,846 (11.4%)
No effective vaccination***	32,354 (62.9%)	5,007 (69.8%)	773 (71.6%)	190 (83.7%)	38,324 (63.9%)
Unknown	6,757 (13.1%)	1,141 (15.9%)	219 (20.3%)	3 (1.3%)	8,120 (13.5%)
<b>Total</b>	<b>51,477</b>	<b>7,171</b>	<b>1,080</b>	<b>227</b>	<b>59,955</b>
<b>CURRENT WAVE (15 December 2021 – 16 January 2022): NSW, QLD, SA and WA only</b>					
Fully vaccinated	161,670 (74.2%)	2,183 (64.3%)	68 (40.7%)	10 (43.5%)	163,931 (74.0%)
Partially vaccinated	4,842 (2.2%)	95 (2.8%)	9 (5.4%)	1 (4.4%)	4,947 (2.2%)
No effective vaccination**	8,381 (3.9%)	383 (11.3%)	41 (24.6%)	10 (43.5%)	8,815 (4.0%)
Unknown	42,985 (19.7%)	735 (21.6%)	49 (29.3%)	2 (8.7%)	43,771 (19.8%)
<b>Total</b>	<b>217,878</b>	<b>3,396</b>	<b>167</b>	<b>23</b>	<b>221,464</b>

\*Selected jurisdictions are included based on the availability of vaccination data and the presence of cases during the outbreak periods. Excluded jurisdictions have either: high proportions of cases with no information on vaccination status or no or few locally acquired cases during the relevant outbreak period.

\*\* \*Includes cases without a vaccination and cases with symptom onset within 21 days of a single dose of a two dose regimen. excludes cases with an illness onset in the last two weeks to account for the delay between onset and the development of severe illness.

**SEVERITY OF COVID-19 – SUMMARY DATA**

**Severity of COVID cases by year**

Source: State and territory reporting to the National Incident Centre

	2022	2021	2020
<b>Total Cases</b>	X	X	X
<b>Hospitalised (of total)</b>	X (%)	X (%)	X (%)
<b>ICU (of those hospitalised)</b>	X (%)	X (%)	X (%)
<b>Ventilated (of those admitted to ICU)*</b>	X (%)	X (%)	X (%)

**Confirmed Omicron cases by age and highest level of illness severity, Australia, cases with an onset to 16 January 2022 (two weeks delay) ^\***

Data source: NINDSS, extracted 1 February 2022

Age group	Count					% of total cases by age group		
	Not severe	Hospitalised only (not ICU or died)	ICU (but not died)	Died	Total cases	Hospitalised only (not ICU or died)	ICU (but not died)	Died
0-4	104	20	1	1	126	15.9%	0.8%	0.8%
5-11	108	4	1	0	113	3.5%	0.9%	0.0%
12-15	89	3	0	0	92	3.3%	0.0%	0.0%
16-17	68	1	0	0	69	1.4%	0.0%	0.0%
18-29	1,947	115	3	1	2,066	5.6%	0.1%	<0.05%
30-39	753	51	8	1	813	6.3%	1.0%	0.1%
40-49	427	33	10	0	470	7.0%	2.1%	0.0%
50-59	291	42	15	1	349	12.0%	4.3%	0.3%
60-69	149	36	20	3	208	17.3%	9.6%	1.4%
70-79	93	41	28	7	169	24.3%	16.6%	4.1%
80-89	43	55	15	5	118	46.6%	12.7%	4.2%
90+	17	18	2	4	41	43.9%	4.9%	9.8%
Unknown	0	0	0	0	0	NA	NA	NA
<b>Total</b>	<b>4,089</b>	<b>419</b>	<b>103</b>	<b>23</b>	<b>4,634</b>	<b>9.0%</b>	<b>2.2%</b>	<b>0.5%</b>

^Given the delay between illness onset and severe illness, to provide a more accurate assessment of the highest level of severity cases with an onset in the last two weeks were excluded from the analysis.

\*Note this information should be interpreted with caution as hospitalisation and ICU status in NINDSS may be incomplete and the definitions used by states are not consistent. There is also potential for severe cases to be overrepresented among confirmed omicron case numbers, as severe cases are more likely to be sequenced.

**POPULATION GROUPS – SUMMARY DATA**

**Current Outbreaks**

**Active COVID-19 Outbreaks in residential aged care facilities\*^**

Source: Aged care recipient cases and deaths as at 1 February 2022

Confirmed COVID-19 cases	Australia	ACT	NSW	NT	Qld	SA	Tas	Vic	WA
<b>Aged care snapshot</b>									
<b>Residential Care - Care recipients (deaths)</b>	14,857 (1,438)	95 (8)	5,642 (373)	22 (0)	2,305 (108)	1,119 (76)	140 (3)	5,538 (870)	0 (0)
<b>In Home Care - Care recipients (deaths)</b>	205 (13)	0 (0)	45 (3)	0 (0)	15 (0)	1 (0)	5 (2)	138 (7)	1 (1)
<b>Residential Care - Staff (deaths)</b>	17,607 (0)	174 (0)	6,937 (0)	25 (0)	3,474 (0)	1,648 (0)	202 (0)	5,159 (0)	2 (0)
<b>In Home Care- Staff (deaths)</b>	66 (0)	1 (0)	13 (0)	0 (0)	5 (0)	0 (0)	1 (0)	45 (0)	1 (0)

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Source: Ageing and Aged Care Group, data as at 19 January 2022

	NSW	VIC	SA	QLD	TAS	NT	ACT	Total
Total facilities with outbreaks	498	303	138	203	15	3	18	1,178
Total facilities with positive staff only	113	45	45	49	4	1	4	261
Total facilities with positive residents	385	258	93	154	11	2	14	917
Deaths in facilities with active outbreaks*	111	33	31	40	0	0	1	216*
Total number of positive residents in active outbreaks	3,628	1,702	847	1,183	21	13	52	7,446
Total number of positive staff in active outbreaks	5,017	1,813	1,267	2,003	53	14	122	10,289

\* Active outbreaks are defined as having at least one positive resident or at least 2 positive staff.

^ On 20 January 2020 the Department completed a data cleanse, resulting in changes to the reported numbers of cases, outbreaks and deaths

# In New South Wales, COVID-19 death is defined as a death in a confirmed case unless there is a clear alternative cause of death that cannot be related to COVID-19, with no period of complete recovery from COVID-19 between illness and death. The Victorian Department of Health and Human Services defines a COVID death as any death that occurs within 28 days of a positive COVID test result.

\* Of the 216 deaths reported related to current active outbreaks, 63 occurred in 2021 and 153 occurred in 2022.

#### Confirmed COVID-19 deaths in residential aged care facilities in 2021, by vaccination status, 1 January to 6 December 2021

	Palliative	Non-Palliative	Total
Fully vaccinated	86	56*	142 (72%)
Unvaccinated	23	14	37 (19%)
Partially vaccinated	7	11	18 (9%)
<b>Total</b>	<b>116 (59%)</b>	<b>81 (41%)</b>	<b>197 (100%)</b>

\* All residents experienced other underlying health conditions. NSW and Victoria confirmed these were COVID deaths, though the underlying conditions were considered significant. Further detail in site-specific updates

#### Current active cases – By population Group <LIMITED DATA AVAILABLE>

Source: NDIS Commission and Aged Care from 25 November 2021

	Active cases	Hospitalised	ICU	Ventilated
Aboriginal and Torres Strait Islander population				
NDIS Participants	186			
Regional/remote				

#### Locally-acquired COVID-19 Cases by Vaccination status, 1 January 2021 to 3 January 2022 – Not available for NDIS participants or RACF residents

Vaccination status	Not severe (no hospital or death)	Hospitalised (no ICU or death)	ICU (but no death)	COVID-19 related death	Total cases
<b>REGIONAL/REMOTE ** - NSW, SA and QLD cases aged 12 years and older</b>					
Fully vaccinated	24,985 (68.3%)	547 (46.0%)	26 (19.1%)	19 (33.9%)	25,577 (67.4%)
Partially vaccinated	1,331 (3.3%)	82 (6.9%)	13 (9.6%)	13 (23.2%)	1,439 (3.8%)
No effective vaccination**	4,169 (11.4%)	385 (32.4%)	77 (56.6%)	22 (39.3%)	4,653 (12.3%)
Unknown	6,081 (16.6%)	174 (14.7%)	20 (14.7%)	2 (3.6%)	6,277 (16.5%)
<b>TOTAL</b>	<b>36,566</b>	<b>1,188</b>	<b>136</b>	<b>56</b>	<b>37,946</b>
<b>ABORIGINAL AND TORRES STRAIT ISLANDER POPULATION*^ – NSW, SA AND QLD aged 12 years and older</b>					

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s22 We cannot provide information on active cases disaggregated by population group, as this information is not provided by jurisdictions

We provide summary information on severity by population group in the table "Summary of cases – by population group, severity and year" This includes a breakdown of cases in 2022 in Aboriginal and Torres Strait Islander people and in residents of regional/remote areas in 2022 (i.e. "recent cases") by severity

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Fully vaccinated	4,699 (48.0%)	152 (19.51%)	10 (10.4%)	7 (30.4%)	4,868 (45.5%)
Partially vaccinated	601 (6.1%)	66 (8.5%)	9 (9.4%)	4 (17.4%)	680 (6.4%)
No effective vaccination**	3,717 (37.9%)	473 (60.6%)	62 (64.6%)	11 (47.8%)	4,263 (39.9%)
Unknown	782 (8.0%)	89 (11.4%)	15 (15.6%)	1 (4.4%)	887 (8.3%)
<b>TOTAL</b>	<b>9,799</b>	<b>780</b>	<b>96</b>	<b>23</b>	<b>10,698</b>

\* Confirmed locally acquired cases from NSW, QLD and SA only due to vaccination status data quality;

\*\* Includes cases without a vaccination and cases with symptom onset within 21 days of a single dose of a two dose regimen.

excludes cases with an illness onset in the last two weeks to account for the delay between onset and the development of severe illness.

@ Represents cases classified as locally acquired and with a place of residence classified as inner regional , outer regional , remote and very remote .

^ Excludes cases for whom Indigenous status was unknown, blank or non-indigenous.

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### Summary of Cases – By population Group and year

Source: NINDSS cases to 21 November 2021\*, extracted 6 December 2021, NDIS data reported on 31 January 2022 and Aged Care data reported on 31 January 2022

Population Group	Not severe (% not severe in this group)	Hospitalisations (but not ICU or died) (%hospitalised in this group)	ICU (but not died) (% admitted to ICU in this group)	Deaths (% among relevant population group)	Total cases (% among relevant population group)	Crude Case Fatality Rate
<b>TOTAL 2020 - 2022#</b>						
Residential aged care facility residents# (to 5 Dec 2021)	Not available	Not available	Not available	877 (0.480%)	3,451 (1.889%)	25.5%
Aboriginal and Torres Strait Islander population (to 21 Nov 2021)*	7,557 (0.947%)	793 (0.099%)	88 (0.011%)	18 (0.002%)	8,456 (1.059%)	0.2%
NDIS Participants (1 March 2020 to 3 Dec 2021)^	Not available	Not available	Not available	28 (0.006%)	979 (0.204%)	2.9%
Regional/Remote locally acquired @ (to 21 Nov 2021)*	14,017 (0.197%)	890 (0.013%)	151 (0.002%)	92 (0.001%)	15,150 (0.213%)	0.6%
General population – all cases~ (to 21 Nov 2021)*	175,642 (0.684%)	16,109 (0.063%)	2,322 (0.009%)	2,025 (0.008%)	196,089 (0.763%)	1.0%
<b>2020</b>						
Residential aged care facility residents	Not available	Not available	Not available	685 (0.375%)	2,051 (1.123%)	33.40#
Aboriginal and Torres Strait Islander population*	134 (0.017%)	19 (0.002%)	2 (0.7%)	0 (N/A)	155 (0.019%)	N/A
NDIS Participants (1 Mar 2020 to 28 June 2021)	Not available	Not available	Not available	9 (0.002%)	183 (0.038%)	4.9%
Regional/Remote locally acquired @	982 (0.014%)	106 (0.001%)	20 (<0.001%)	24 (<0.001%)	1,132 (0.016%)	2.1%
General population – all cases~	24,500 (0.095%)	2,666 (0.010%)	436 (0.002%)	908 (0.004%)	28,510 (0.111%)	3.2%
<b>2021</b>						
Residential aged care facility residents# (to 31 Dec 20)	Not available	Not available	Not available	192 (0.105%)	1,400 (0.766%)	13.7%
Aboriginal and Torres Strait Islander population~ (to 31 Dec 20)	7,423 (0.930%)	774 (0.096%)	86 (0.011%)	18 (0.002%)	8,301 (1.040%)	0.2%
NDIS Participants^ (1 March 2020 to 28 June 2021)	Not available	Not available	Not available	19 (0.004 %)	796 (0.166%)	Not available
Regional/remote locally acquired @ (to 31 Dec 2020)	13,035 (0.183%)	784 (0.011%)	131 (0.002%)	68 (0.001%)	14,018 (0.197%)	0.5%
General population – all cases~ (to 31 Dec 2020)	151,142 (0.588%)	13,423 (0.052%)	1,886 (0.007%)	1,117 (0.004%)	167,588 (0.652%)	0.7%

2022						
Aboriginal and Torres Strait Islander population~ (to 3 January 2022)*						
Regional/remote locally acquired@ (to 3 January 2022)*						
General population -- all cases~ (to 3 January 2022)*						

\* Based on cases and deaths with an onset date up to 22 November due to the gap between onset and illness severity. ^ Approximately 7% (69 out of 979) of cases are currently considered to be active cases and therefore their outcome of illness is not yet known. Data by calendar year are not available for NDIS participant cases. These dates represent the best estimates for 2020 compared to 2021 incidence comparison. \* As the data presented in the tables represent cases and associated deaths across both 2020 and 2021, cautious interpretation is required given the differing epidemic contexts, including with regard to vaccination coverage over these periods. @ Represents cases classified as 'inner regional' 'outer regional' 'remote' and 'very remote'. ~ Represents all cases, regardless of source of acquisition (i.e., overseas acquired, locally acquired and under investigation)

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# Children Summary of Cases and deaths – By jurisdiction and year – to 17 January 2022

Source: NINDSS extracted 18 January 2022

State	CASES				DEATHS			
	Children under 12		Children under 18		Children under 12		Children under 18	
	N	%	N	%	N	%	N	%
TOTAL 2020 - 2022								
ACT	2,426	10.51%	3,802	16.47%	0	0.00%	0	0.00%
NSW	65,392	12.33%	104,068	19.63%	1	0.11%	2	0.23%
Northern Territory	191	10.93%	269	15.40%	0	0.00%	0	0.00%
Queensland	10,499	5.55%	19,476	10.34%	0	0.00%	0	0.00%
South Australia	6,885	10.13%	11,450	16.85%	1	2.56%	1	2.56%
Tasmania	576	5.38%	1,034	9.65%	0	0.00%	0	0.00%
Victoria	55,023	11.59%	81,333	17.13%	1	0.06%	2	0.12%
Western Australia	54	4.3%	72	5.71%	0	0.00%	0	0.00%
TOTAL	140,996	10.86%	221,504	17.06%	3	0.11%	5	0.19%
2020								
ACT	0	0.00%	1	0.85%	0	0.00%	0	0.00%
NSW	203	4.12%	344	6.98%	0	0.00%	0	0.00%
Northern Territory	9	12.16%	10	13.51%	0	0.00%	0	0.00%
Queensland	26	2.09%	40	3.21%	0	0.00%	0	0.00%
South Australia	13	2.28%	25	4.39%	0	0.00%	0	0.00%
Tasmania	6	2.56%	12	5.13%	0	0.00%	0	0.00%
Victoria	1,540	7.56%	2,671	13.11%	0	0.00%	0	0.00%
Western Australia	31	3.58%	39	4.51%	0	0.00%	0	0.00%
TOTAL	1,831	6.44%	3,142	11.06%	0	0.00%	0	0.00%
2021								
ACT	598	13.49%	917	20.69%	0	0.00%	0	0.00%
NSW	24,206	14.60%	37,690	22.73%	1	0.15%	2	0.30%
Northern Territory	100	18.05%	132	23.83%	0	0.00%	0	0.00%
Queensland	993	5.45%	1,748	9.59%	0	0.00%	0	0.00%
South Australia	1,126	8.95%	1,873	14.89%	1	7.69%	1	7.69%
Tasmania	60	6.24%	95	9.89%	0	0.00%	0	0.00%
Victoria	31,431	19.25%	42,869	26.26%	1	0.13%	2	0.26%
Western Australia	19	19.25%	27	9.12%	0	0.00%	0	0.00%
TOTAL	58,533	6.42%	85,351	23.31%	3	0.20%	5	0.28%
2022								
ACT	1,828	9.86%	2,884	15.56%	0	0.00%	0	0.00%
NSW	40,983	11.4%	66,034	18.37%	0	0.00%	0	0.00%
Northern Territory	82	7.33%	127	11.35%	0	0.00%	0	0.00%
Queensland	9,430	5.58%	17,688	10.47%	0	0.00%	0	0.00%
South Australia	5,646	10.48%	9,552	17.43%	0	0.00%	0	0.00%
Tasmania	510	5.36%	927	9.74%	0	0.00%	0	0.00%
Victoria	22,052	7.57%	35,793	12.29%	0	0.00%	0	0.00%
Western Australia	4	4.04%	6	6.06%	0	0.00%	0	0.00%
TOTAL	80,635	8.92%	133,011	14.72%	0	0.00%	0	0.00%

^ Due to the dynamic nature of the NINDSS, numbers may be subject to revision and may vary from numbers previously reported and from daily officially reported case numbers released by states and territories. Dates defined using case notification date. Deaths may have occurred in a different year to that of case notification.

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**Percentage of children and adolescents vaccinated by age group and jurisdiction.**

Source the [COVID-19 Vaccine Roll-out Jurisdictional Breakdowns](#) report and as at 22 January 2022.

Age group	Aus	ACT	NSW	NT	QLD	SA	TAS	VIC	WA
16 to 19 years % with dose 1	90.9%	>95%	91.0%	91.5%	87.7%	84.0%	89.5%	90.9%	91.4%
16 to 19 years % with dose 2	87.2%	97.3%	89.5%	83.3%	83.3%	78.5%	84.2%	89.5%	80.2%
12 to 15 years % with dose 1	82.6%	>99%	82.7%	80.9%	74.7%	79.9%	83.4%	88.6%	77.1%
12 to 15 years % with dose 2	75.7%	97.3%	78.4%	69.8%	66.6%	71.2%	75.0%	84.4%	61.3%
5 to 11 years % with dose 1	28.0%	47.7%	28.0%	27.4%	25.7%	29.7%	34.3%	30.3%	20.4%

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