Common Operating Picture 2.0
14 October 2022

COVIDSAFE

Legend:
- Maintain. Monitor and Report
- Targeted Adjustments / In progress
- Harder, Wider, Different Response / Work in progress
- No Associated Threshold

	National	ACT	NSW	NT	Qld	SA	Tas	Vic	WA
Cases and priority populations									
New cases per 100,000 population in the past 14 days	257	231	256	203	243	281	220	239	332
New cases in regional and remote areas per 100,000 population in the last 14 days[1]	37	N/A	34	27	10	102	19	29	86
New cases in Aboriginal and Torres Strait Islander people per 100,000 population in the past 14 days[1]	43	112	66	61	10	68	0	30	50
TTIQ raw indicators									
Percent of PCR tests positive for SARS-CoV-2 in the past 7 days	5.82	7.17	5.61	2.24	3.52	7.59	3.53	5.22	11.30
Mean PCR tests per 1,000 population per day in the past 7 days	1.0	1.0	1.5	1.2	0.5	1.3	0.9	0.7	0.5
Percent of symptomatic cases PCR tested within 2 days of symptom onset in the past 7 days&	Not available								
Percent of positive PCR tests notified to health department within 1 day of specimen collection in the past 7 days	95	97	97	72	89	98	88	93	100
Modelled epidemic activity									
Effective reproductive number[2]	N/A	0.87	0.89	0.89	0.86	0.87	0.82	0.98	1.20
Final state-wide transmission potential (TP) for SARS-CoV-2 Omicron variant of concern incorporating current settings, behaviours, vaccination levels and infection-acquired immunity[3]	N/A	0.86	1.02	1.29	1.26	1.07	0.99	1.06	0.90
Percent of TP for SARS-CoV-2 Omicron variant reduced through vaccination and prior infection[4]	N/A	54%	41%	41%	33%	50%	17%	38%	51%
Percent of TP reduced through TTIQ	Not available								
Outbreaks									
Number of resident cases reported in RACF in the past 7 days[5]	640	0	225	1	80	78	17	157	82
Change in total active outbreaks in RACFs in the past 7 days	-15	-1	-5	-1	0	0	1	-6	-3
Clinical Capacity									
Total COVID-19 patients in ICU/HDU and % occupancy (today/week prior)[6]	44 (2%)|42 (2%)	2 (4%)|1 (2%)	20 (2%)|20 (2%)	0 (0%)|0 (0%)	6 (2%)|3 (1%)	3 (2%)|1 (1%)	2 (5%)|2 (5%)	8 (1%)|11 (2%)	3 (2%)|4 (3%)
Paediatric COVID-19 patients in ICU/HDU and % occupancy (today/week prior)[6]	2 (2%)|2 (2%)	0 (0%)|0 (0%)	0 (0%)|1 (2%)	0 (0%)|0 (0%)	1 (3%)|0 (0%)	0 (0%)|0 (0%)	0 (0%)|0 (0%)	1 (3%)|1 (3%)	0 (0%)|0 (0%)
Hospital ward beds occupied by COVID-19 and % occupancy (today/week prior)[6]	1424 (2%)|1461 (2%)	52 (5%)|54 (5%)	894 (4%)|969 (4%)	9 (1%)|2 (0%)	103 (1%)|96 (1%)	67 (2%)|57 (2%)	9 (1%)|8 (0%)	131 (1%)|115 (1%)	159 (2%)|160 (2%)
Vaccination									
Percentage of RACF residents who have received primary doses (c.f. week prior) Primary dose – dose 1 and dose 2[8]	98% (+0%)	98.9% (+0.1%)	98.2% (+0%)	98.8% (+2.0%)	98.0% (+0%)	97.0% (-0.1%)	98.5% (+0.3%)	98.2% (-0.1%)	97.4% (+0.1%)
Percentage of NDIS participants in residential accommodation fully vaccinated (c.f. week prior)[7]	88.4% (+0.2%)	90.5% (-0.2%)	89.2% (+0.2%)	76.3% (0%)	87.7% (+0.5%)	87.2% (+0.2%)	87.2% (+0.4%)	89.1% (+0.3%)	87.5% (-0.6%)
Percentage of RACF workers who have received primary doses (c.f. week prior) Primary dose – dose 1 and dose 2[8]	99.9% (0.0%)	100% (0%)	99.7% (0%)	100% (0%)	100% (0%)	100% (0%)	100% (0%)	100% (0%)	100% (0%)
Percentage of NDIS screened workers fully vaccinated (c.f. week prior)[7]	95.7% (0%)	99.6% (0%)	95.1% (0%)	95.4% (-1.2%)	97.0% (+0.1%)	94.9% (0%)	95.9% (0%)	95.7% (0%)	94.9% (0%)
Number and percent of SA4 regions above 70% fully vaccinated (c.f. week prior)[9]	89 (100%)| +0 (0%)	1 (100%)| +0 (0%)	28 (100%)| +0 (0%)	2 (100%)| +0 (0%)	19 (100%)| +0 (0%)	7 (100%)| +0 (0%)	4 (100%)| +0 (0%)	17 (100%)| +0 (0%)	10 (100%)| +0 (0%)
Number and percent of SA4 regions above 80% fully vaccinated (c.f. week prior)[9]	83 (93.26%)| +0 (0%)	1 (100%)| +0 (0%)	27 (96.43%)| +0 (0%)	1 (50%)| +0 (0%)	18 (94.74%)| +0 (0%)	7 (100%)| +0 (0%)	4 (100%)| +0 (0%)	16 (94.12%)| +0 (0%)	9 (90%)| +0 (0%)

Data presented are as at 12 October 2022

1. Data is based on Notifications to NNDSS only up to 11 October 2022, and is not inclusive of cases determined by rapid antigen test (RAT)
2. Estimates for ACT, NSW, NT, QLD, SA, VIC and WA are presented as at 24 September 2022, indicative cases from 14 September to 27 September 2022 inform the estimate presented. Estimates for TAS are as at 27 August 2022, indicative cases from 17 August to 30 August 2022 inform the estimate presented.
3. TP calculated for the Omicron BA.4/5 subvariants based off assumption of 50% case ascertainment. Final state-wide TP estimates presented are as at 12 July 2022.
4. Estimated percentage reduction in transmission due to the combined impact of vaccine and infection induced immunity for the Omicron BA.4/5 subvariants based off assumption of 50% case ascertainment since December 2021 up to 26 September 2022 for TAS, and up to 03 October for all remaining jurisdictions.
5. From 28 February 2022 the Commonwealth Government's collection methodology has changed from Case Manager input to aged care provider service self-reporting via the My Aged Care portal. This is likely to result in greater clarity regarding classification of outbreaks and case numbers which will impact on reported figures.
6. Clinical capacity indicators refer to use of clinical resources and staff and should not be used to indicate severity of illness. Values may not align exactly with other jurisdictional reporting on related metrics.
7. From 21 January 2022, data is based on data reported to the NDIS Commission by registered NDIS providers and should be considered indicative and subject to change. NDIS-AIR data as at 29 September 2022, and NDIS Worker data as at 3 October 2022.
8. Data is as at 16 August 2022.
9. Data is as at 20 September 2022.

Common Operating Picture – Additional details, resources and additional footnotes

Traffic light classification for case rates and thresholds

Metric	Green	Amber	Red

New cases per 100,000 population in the past 14 days	• Rate only to be presented with no colour
	• The indicator needs to be considered alongside clinical capacity which if predicted to be compromised
	  • Low <20 new cases per 100,000 in the past 14 days
	  • Medium 20 to 100 new cases per 100,000 in the past 14 days
	  • High >100 new cases per 100,000 in the past 14 days		

New cases in regional and remote areas per 100,000 regional and remote areas population in the past 14 days	• Green
	  <20 new cases per 100,000 in the past 14 days
		• Amber
		  20 - 100 new cases per 100,000 in the past 14 days
			• Red
			  >100 new cases per 100,000 in the past 14 days

New cases in Aboriginal and Torres Strait Islander people per 100,000 in Aboriginal and Torres Strait Islander population in the past 14 days	• Green
	  <20 new cases per 100,000 in the past 14 days
		• Amber
		  20 - 100 new cases per 100,000 in the past 14 days
			• Red
			  >100 new cases per 100,000 in the past 14 days

Footnotes for this indicator	^ New cases represent all cases regardless of their source of infection.		

Traffic light classification for TTIQ raw indicators

Metric	Green	Amber	Red
Percent of PCR tests positive for SARS-CoV-2 in the past 7 days	• <2%	• 2 to 7%	• ≥7%
Mean PCR tests per 1,000 population per day in the past 7 days	Grey		
Percent of symptomatic cases PCR tested within 2 days of symptom onset in the past 7 days –	• >70%	• 60- 70%	• < 60%
Percent of positive PCR tests notified to health department within 1 day of specimen collection in the past 7 days	• >70%	• 60- 70%	• < 60%
Footnotes for this indicator	& As time is measured in whole days, cases with a symptom onset up to three days prior to specimen collection are classified as being tested within two days of symptom onset. # As time is measured in whole days, cases notified to health departments on the day of or one day after specimen collection are classified as notified within one day.		

Traffic light classification for modelled epidemic activity

Metric	Thresholds
Reff - effective reproductive number	Grey (unless clinical capacity is predicted to be compromised threshold TBA)
Final state-wide transmission potential (TP) for SARS-CoV-2 Omicron variant of concerns incorporating current settings, behaviours, vaccination levels and infection-acquired immunity	Grey (unless clinical capacity is predicted to be compromised threshold TBA)
Percent of TP for SARS-CoV-2 Omicron variant reduced through vaccination and prior infection	Grey
Percent of TP reduced through TTIQ	Grey

Traffic light classification for outbreak indicators

Metric	Green	Amber	Red
Number of cases reported in residents in RACFs in the past 7 days (c.f. week prior)	• Zero	• N/A	• ≥ 1 case in residents
Change in number of active outbreaks in RACFs in the past 7 days (c.f. week prior)	• Decrease from previous week	• N/A	• Increase from previous week

Traffic light classification for clinical capacity indicators

Metric	Green	Amber	Red
Total COVID-19 patients in ICU/HDU (active cases and cleared cases) (last week / week prior)	• <15% of available ICU beds are COVID patients	• 15 – 30% of available ICU beds are COVID patients	• >30% ICU beds are COVID patients • >30% ICU beds go to surge
Paediatric ICU due to COVID-19 (last week / week prior)	• <15% of available paediatric ICU beds are COVID patients	• 15 – 30% of available paediatric ICU beds are COVID patients	• >30% paediatric ICU beds are COVID patients • >30% paediatric ICU beds go to surge
Hospital ward beds occupied by COVID-19 cases (last week / week prior)	• <15% of available public hospital ward beds are COVID patients	• 15 – 30% of available public hospital ward beds are COVID patients	• >30% of available public hospital ward beds are COVID patients

Traffic light classification for vaccination indicators

Metric	Green	Amber	Red
Percentage of RACF residents fully vaccinated (c.f. week prior)	• >=90%	• <90% and increase from previous week	• <90% and no or negative increase from previous week
Percentage of NDIS recipients in residential accommodation fully vaccinated (c.f. week prior)	• >=90%	• <90% and increase from previous week	• <90% and no or negative increase from previous week
Percentage of RACF workers fully vaccinated (c.f. week prior)	• >=98%	• <98% and increase from previous week	• <98% and no or negative increase from previous week
Percentage of NDIS screened workers fully vaccinated (c.f. week prior)	• >=98%	• <98% and increase from previous week	• <98% and no or negative increase from previous week
Number and percent of SA4 regions above 70% fully vaccinated (c.f. week prior)	• 100%	• <100% and Increase from previous week	• <100% and no change from previous week
Number and percent of SA4 regions above 80% fully vaccinated (c.f. week prior)	• 100%	• <100% and Increase from previous week	• <100% and no change from previous week

New version as agreed by National Cabinet on 5 November 2021

Data sources and additional resources

The Communicable Diseases Network Australia (CDNA) and the Australian Health Protection Principal Committee (AHPPC) have informed the traffic light thresholds in the operating picture.

Data are sourced from:

- the National Interoperable Notifiable Diseases Surveillance System (NNDSS);
- the Critical Health Resource Information System;
- aged care facility reporting;
- modelling;
- Australian Immunisation Register; and
- daily reports from state and territory health departments.

Most metrics use a rate or proportion rather than a raw number, to account for variability between state and territory populations. Due to the dynamic nature of jurisdictional daily reports and thus NINDSS data, data in this report are subject to retrospective revision and may vary from data reported in published NINDSS reports and reports of notification data by states and territories.

Additional resources

Daily COVID-19 cases updates:
https://www.health.gov.au/health-alerts/covid-19/case-numbers-and-statistics

Fortnightly epidemiology report:
https://www1.health.gov.au/internet/main/publishing.nsf/Content/novel_coronavirus_2019_ncov_weekly_epidemiology_reports_australia_2020.htm

Vaccination numbers and statistics:
https://www.health.gov.au/initiatives-and-programs/covid-19-vaccines/numbers-statistics