Common Operating Picture 2.0

18 January 2022

COVIDSAFE

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^"	3605	3648	4984	1754	3116	3002	1568	4125	3
	New cases in regional and remote areas per 100,000 population in the last 14 days^"	1410	N/A	1614	334	2112	1141	855	2300	0
	New cases in Aboriginal and Torres Strait Islander people per 100,000 population in the past 14 days^"	1805	2834	2760	81	1910	1649	561	2905	1
TTIQ raw indicators	Percent of PCR tests positive for SARS-CoV-2 in the past 7 days	27.43	20.73	26.00	13.99	32.17	20.15	17.03	32.27	0.22
	Mean PCR tests per 1,000 population per day in the past 7 days	9.1	10.7	12.1	10.2	8.3	10.8	4.2	8.9	1.7
	Percent of symptomatic cases PCR tested within 2 days of symptom onset in the past 7 days&	Not available[1]								
	Percent of positive PCR tests notified to health department within 1 day of specimen collection in the past 7 days#	51	19	65	75	29	63	56	47	14
Modelled epidemic activity	Effective reproductive number$	N/A	1.32	1.11	1.99	1.03	-	1.04	1.20	1.02
	Final state-wide transmission potential (TP) for SARS-CoV-2 Delta variant of concerns incorporating current settings, behaviours, vaccination levels (NOT yet adjusted by TTIQ) *	N/A	0.61	0.71	1.01	1.02	0.87	0.96	0.74	1.34
	Percent of TP reduced through vaccination#	N/A	74%	67%	65%	61%	63%	69%	67%	60%
	Percent of TP reduced through TTIQ *	Not yet available								
Outbreaks	Number of cases reports in residents in RACFs as at 18 January 2022^^	1,209	15	452	2	172	164	15	389	0
	Number active outbreaks in RACFs in the past 7 days	Not available								
Clinical Capacity	Total COVID-19 patients in ICU/HDU and % occupancy (today/week prior) !	437 (22%)|350 (18%)	7 (18%)|8 (21%)	209 (24%)|175 (22%)	2 (8%)|2 (8%)	55 (15%)|29 (8%)	26 (23%)|20 (16%)	2 (6%)|0 (0%)	136 (33%)|116 (30%)	0 (0%)|0 (0%)
	Paediatric COVID-19 patients in ICU/HDU and % occupancy (today/week prior) !	5 (4%)|8 (7%)	0 (0%)|0 (0%)	1 (3%)|3 (8%)	0 (0%)|0 (0%)	1 (3%)|2 (6%)	0 (0%)|0 (0%)	0 (0%)|0 (0%)	3 (12%)|3 (14%)	0 (0%)|0 (0%)
	Hospital ward beds occupied by COVID-19 and % occupancy (today/week prior) !	5241 (8%)|3520 (6%)	70 (6%)|25 (2%)	2850 (12%)|2029 (9%)	39 (5%)|24 (3%)	819 (6%)|419 (3%)	285 (10%)|188 (7%)	25 (2%)|17 (1%)	1152 (8%)|818 (5%)	1 (0%)|0 (0%)
Vaccination	Percentage of RACF residents fully vaccinated (c.f. week prior)~	89.2 (+1.8%)	94.9 (-3.3%)	91.8 (-2.5%)	90.0 (+19%)	84.2 (+2.1%)	88.2 (+1.4%)	89.6 (-0.1%)	91.9 (+2%)	83.2 (+2.0%)
	Percentage of NDIS participants in residential accommodation fully vaccinated (c.f. week prior) #	85.0% (+0.6%)	90.7% (+0.9%)	86.9% (+0.0%)	74.2% (+1.8%)	84.4% (+1.6%)	79.8% (+0.1%)	80.9% (+1.4%)	87.0% (+0.4%)	79.8% (+0.4%)
	Percentage of RACF workers fully vaccinated (c.f. week prior)~	99.2% (-0.2%)	95.9% (0.0%)	98.5% (-0.7%)	99.9% (+0.0%)	99.7% (-02%)	99.6% (+0.2%)	99.3% (-0.1%)	99.6% (+0.3%)	99.4% (-0.3%)
	Percentage of NDIS screened workers fully vaccinated (c.f. week prior) ***	86.8% (N/A)	89.7% (N/A)	89.2% (N/A)	86.8% (N/A)	85.5% (N/A)	84.5% (N/A)	90.4% (N/A)	88.9% (N/A)	79.7% (N/A)
	Number and percent of SA4 regions above 70% fully vaccinated (c.f. week prior)	88 (98.88%)| +0 (0%)	1 (100%)| +0 (0%)	28 (100%)| +0 (0%)	2 (100%)| +0 (0%)	19 (100.00%)| +0 (0%)	7 (100%)| +0 (0%)	4 (100%)| +0 (0%)	17 (100%)| +0 (0%)	9 (90%)| +0 (0%)
	Number and percent of SA4 regions above 80% fully vaccinated (c.f. week prior)	83 (93.3%)| +0 (0%)	1 (100%)| +0 (0%)	27 (96.4%)| +0 (0%)	1 (50%)| +0 (0%)	18 (94.7%)| +0 (0%)	7 (100%)| +0 (0%)	4 (100%)| +0 (0%)	16 (94.1%)| +0 (0%)	9 (90%)| +0 (0%)

Please refer to page 2 for further details, resources and additional footnotes

^ Data presented are as at 17 January 2022
$ Data presented are as at 31 December 2021, SA not available
* Data presented are as at 11 January 2022
# Data presented are as at 17 January 2022
" Data not available from WA and NT since 11 January 2022, data not available from SA since 14 January 2022
^^ Aged care data for the 18 January COP is as at 18 January 2022 due to a change in reporting methodology and source. Subsequent COP reports will provide the week's data and traffic light indicators
*** Data presented are as at 22 December 2021, no updates available
Please note, cases may have been announced in the media that have not yet been formally reported
! 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.

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 locally acquired cases and cases under investigation. With changes to mandatory quarantine requirements for international arrivals, overseas acquired cases that were not required to be in mandatory quarantine at the time of positive specimen collection are also included.		

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	Recommended to be Grey (as per current COP)		
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. 1 This indicator cannot be reliably reported as the data quality of the fields in the NINDSS used to calculate this indicator has reduced considerably across all jurisdictions. # 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 Delta variant of concern incorporating current settings, behaviours, vaccination levels and TTIQ	Grey (unless clinical capacity is predicted to be compromised threshold TBA) **NOT yet adjusted by TTIQ.**
Percent of TP reduced through vaccination	Grey
Percent of TP reduced through TTIQ	Grey

Traffic light classification for outbreak indicators^^

^^Aged care data for the 19 January COP is as at 18 January 2022 due to a change in reporting methodology. Subsequent COP reports will provide the week's delta and traffic light 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
Number of active outbreaks in RACFs in the past 7 days (c.f. week prior)	• Zero	• N/A	• ≥ 1 facility with an outbreak

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/news/health-alerts/novel-coronavirus-2019-ncov-health-alert/coronavirus-covid-19-current-situation-and-case-numbers

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