



# COVID-19 Weekly Surveillance Report

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## Summary for the week 13 June to 19 June 2022 (inclusive)

In the week of 13 June to 19 June 2022 there were:

- 36,096 COVID-19 cases reported (18% decrease compared to previous week)
  - 13,161 with positive polymerase chain reaction (PCR) tests (15% decrease)
  - 22,935 with positive rapid antigen tests (RAT) (20% decrease)
  - 34,744 locally-acquired, 847 interstate acquired, 505 overseas acquired
- 121 hospital admissions (24% decrease) and 5 transfers into an intensive care unit (67% increase)
- 40 deaths reported (43% increase), aged between 46 to 100 years old
- 53,221 COVID-19 PCR tests conducted (14% decrease).

### Surveillance summary

There were 53,221 PCR tests conducted in the current reporting week (week ending 19 June 2022), a 14% decrease compared to the previous reporting week, with the proportion of positive PCR tests continuing on a downward trend, but still remaining relatively high over the course of the week with a 7-day average of 24.8%.

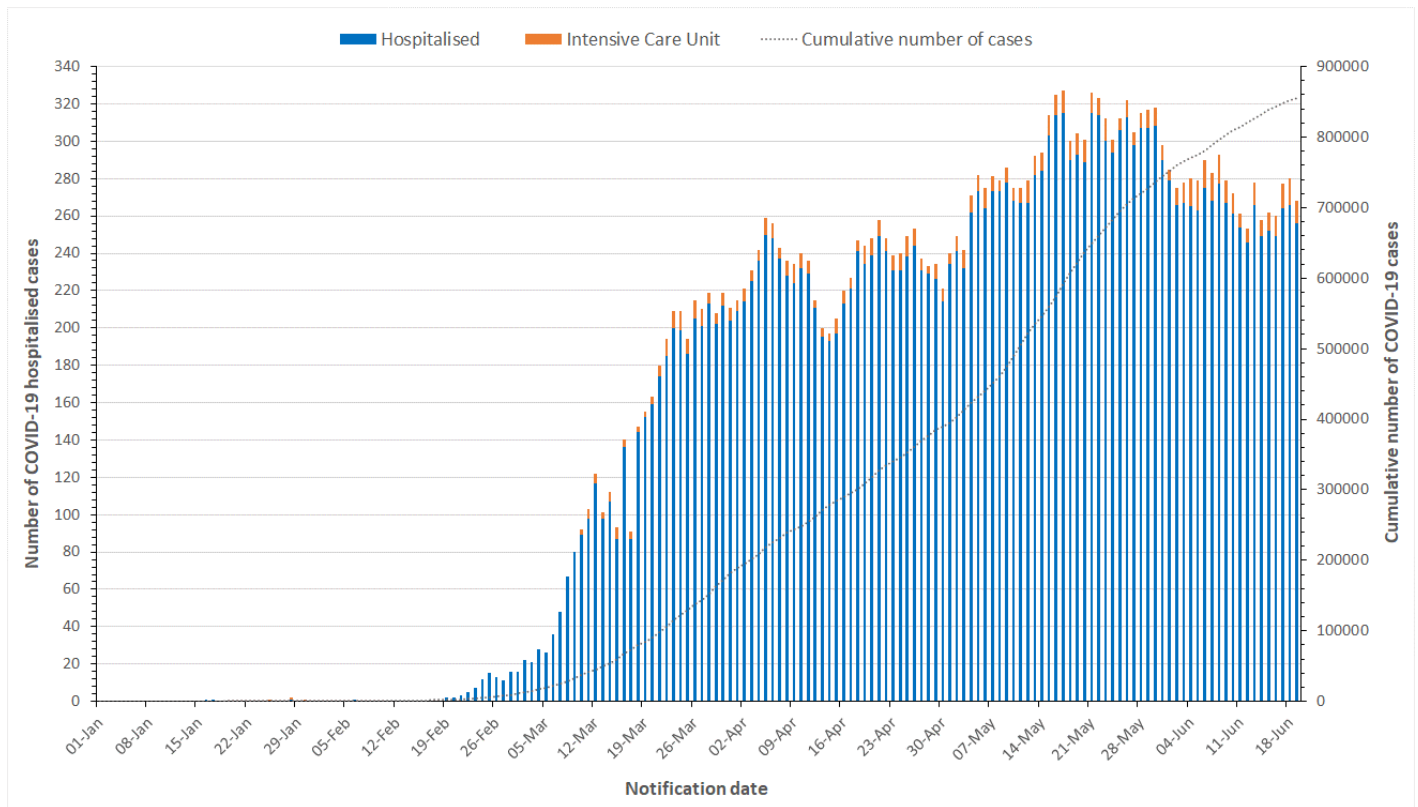
Overall, case numbers decreased by 18% compared to the previous week, compared to the 9% week-on-week decrease observed during the previous 7-day period. There was a decrease in cases diagnosed by PCR test and RAT of 15% and 20%, respectively. The relatively slower decline in proportion of positive PCR tests indicates that while the case load in the community is reducing, the steeper decline in case numbers is also a reflection of reduced testing rates.

Case rates per 100,000 population for all public health regions are decreasing, with the exception of the Great Southern and Kimberley regions where an increase in rates is being observed. The Midwest region and Perth metropolitan area have the highest rates. The rates in the Perth metropolitan area are tracking approximately 15% higher than in Western Australia Country Health Service (WACHS) areas combined. Age groups between 20 - 49 years old represent the highest proportion of cases reported, with a plateauing of trends observed in the 0 - 9 and 70+ age groups. With the rate of cases per 100,000 population continuing to decrease in WA, it falls below the ACT which is now the Australian jurisdiction with the highest case rates.

There were 1,321 cases and 4 deaths in the Aboriginal population during the reporting period, a 23% decrease in cases compared to the previous report week. Cases in the Aboriginal population are being reported at a lower rate compared to the non-Aboriginal population, with the rate ratio decreasing further to 0.91 in the past week.

# Hospitalisations, ICU admissions and deaths

Figure 1. Number of COVID-19 cases admitted to hospital and intensive care unit transfers, and cumulative number of COVID-19 cases, by notification date, 01 January to 19 June 2022.



**Notes**  
Data sourced from Western Australia Department of Health dataset  
Notification date refers to data collected up to the end of the 24-hour reporting period 8pm to 8pm  
The reporting period transitioned to a 6pm to 6pm cycle from 18<sup>th</sup> June 2022 inclusive  
'Hospitalised' relates to active and cleared COVID-19 cases that are current hospital inpatients. The reason for admission may be unrelated to COVID-19 for some people  
'Intensive care unit' (ICU) is a subset of hospitalised and relates to active/cleared COVID-19 cases that are currently in an ICU.

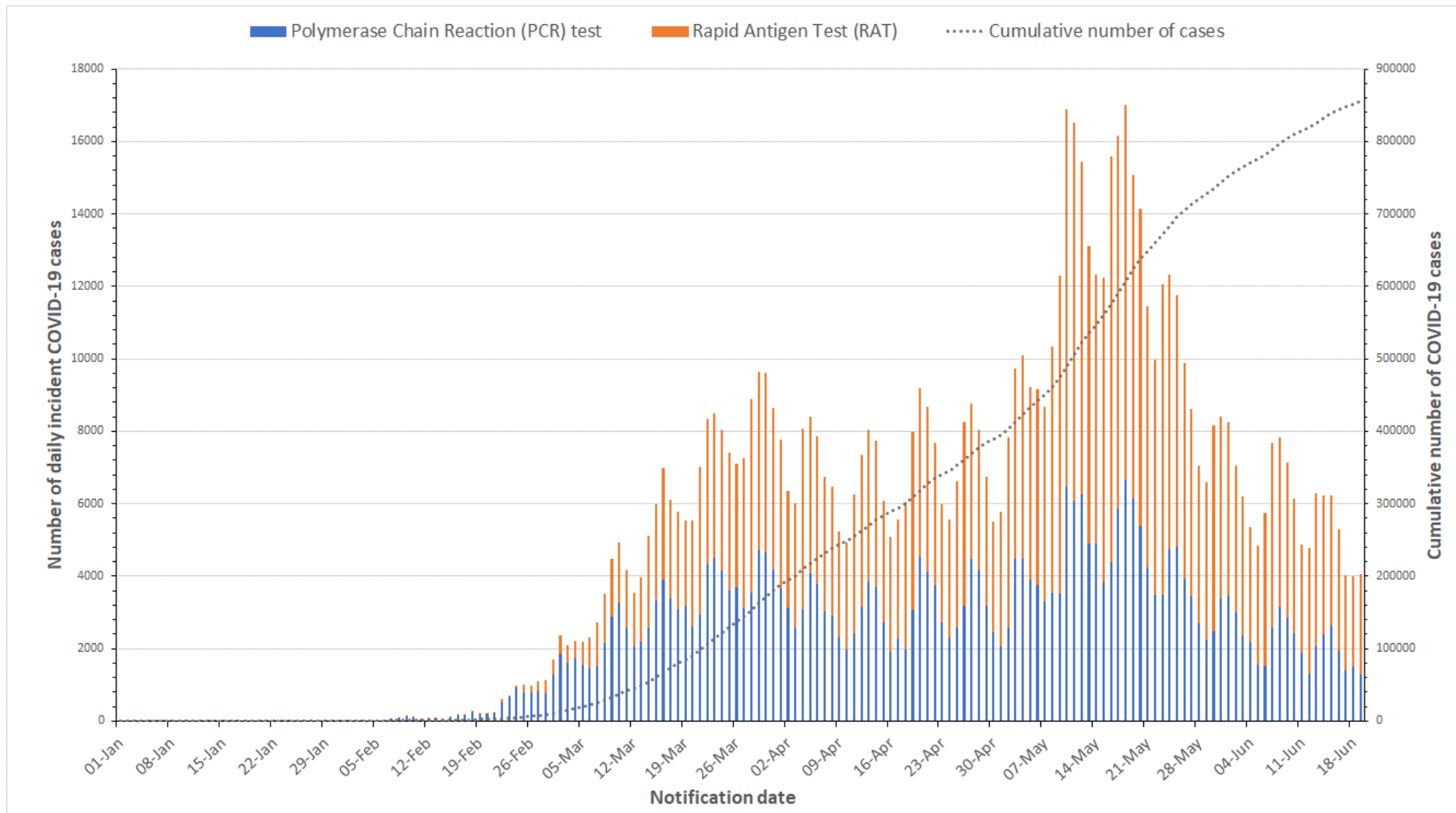
**Table 1. Number of COVID-19 related deaths reported by vaccination status and age group, 13 June to 19 June 2022 and 01 January to 19 June 2022.**

	<b>Week 13 June to 19 June 2022</b>	<b>01 Jan 2022 – 19 June 2022</b>
<b>Number of COVID-19 vaccine doses</b>	<b>Deaths n=40</b>	<b>Deaths n=344</b>
<b>0</b>	6 (15.0%)	87 (25.3%)
<b>1</b>	1 (2.5%)	20 (5.8%)
<b>2</b>	6 (15.0%)	54 (15.7%)
<b>3+</b>	27 (67.5%)	183 (53.2%)
<b>Age group (years)</b>		
<b>0-9</b>	0 (0%)	0 (0%)
<b>10-19</b>	0 (0%)	2 (0.6%)
<b>20-29</b>	0 (0%)	1 (0.3%)
<b>30-39</b>	0 (0%)	4 (1.2%)
<b>40-49</b>	1 (2.5%)	6 (1.7%)
<b>50-59</b>	1 (2.5%)	18 (5.2%)
<b>60-69</b>	6 (15.0%)	31 (9.0%)
<b>70-79</b>	7 (17.5%)	64 (18.6%)
<b>80-89</b>	15 (37.5%)	126 (36.7%)
<b>90+</b>	10 (25.0%)	92 (26.7%)

**Notes**  
 Data sourced from Western Australia Department of Health dataset  
 Number of vaccination doses sourced from Australian Immunisation Register. Vaccination data are available for WA residents only, therefore, the number of unvaccinated individuals (0 doses) may be overestimated  
 Hospitalisation and intensive care unit breakdown available in bi-weekly WA COVID-19 data update. Link [here](#).  
 Deaths are counted by notification date and may include historical deaths that occurred (i.e. date of death) prior to the current report week  
 Notification date refers to data collected up to the end of the 24-hour reporting period 8pm to 8pm  
 The reporting period transitioned to a 6pm to 6pm cycle from 18<sup>th</sup> June 2022 inclusive  
 Deaths are not necessarily associated with hospital and/or ICU admissions.

## Case data

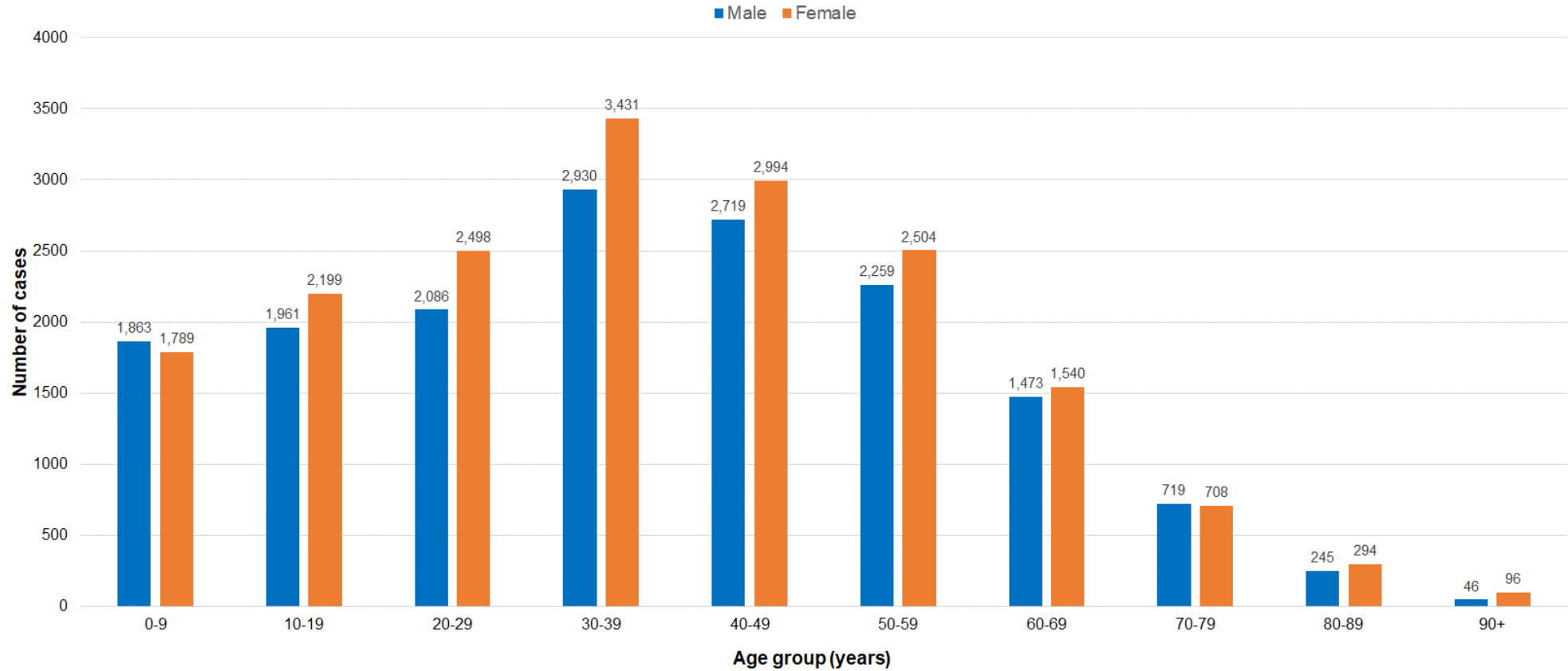
Figure 2. COVID-19 cases by notification date and test type, Western Australia, 01 January to 19 June 2022.



### Notes

Data sourced from Western Australia Department of Health dataset  
Notification date refers to data collected up to the end of the 24-hour reporting period 8pm to 8pm  
The reporting period transitioned to a 6pm to 6pm cycle from 18<sup>th</sup> June 2022 inclusive.

**Figure 3. COVID-19 cases by age group and sex, Western Australia, 13 June to 19 June 2022.**



**Notes**

Data sourced from Western Australia Department of Health dataset

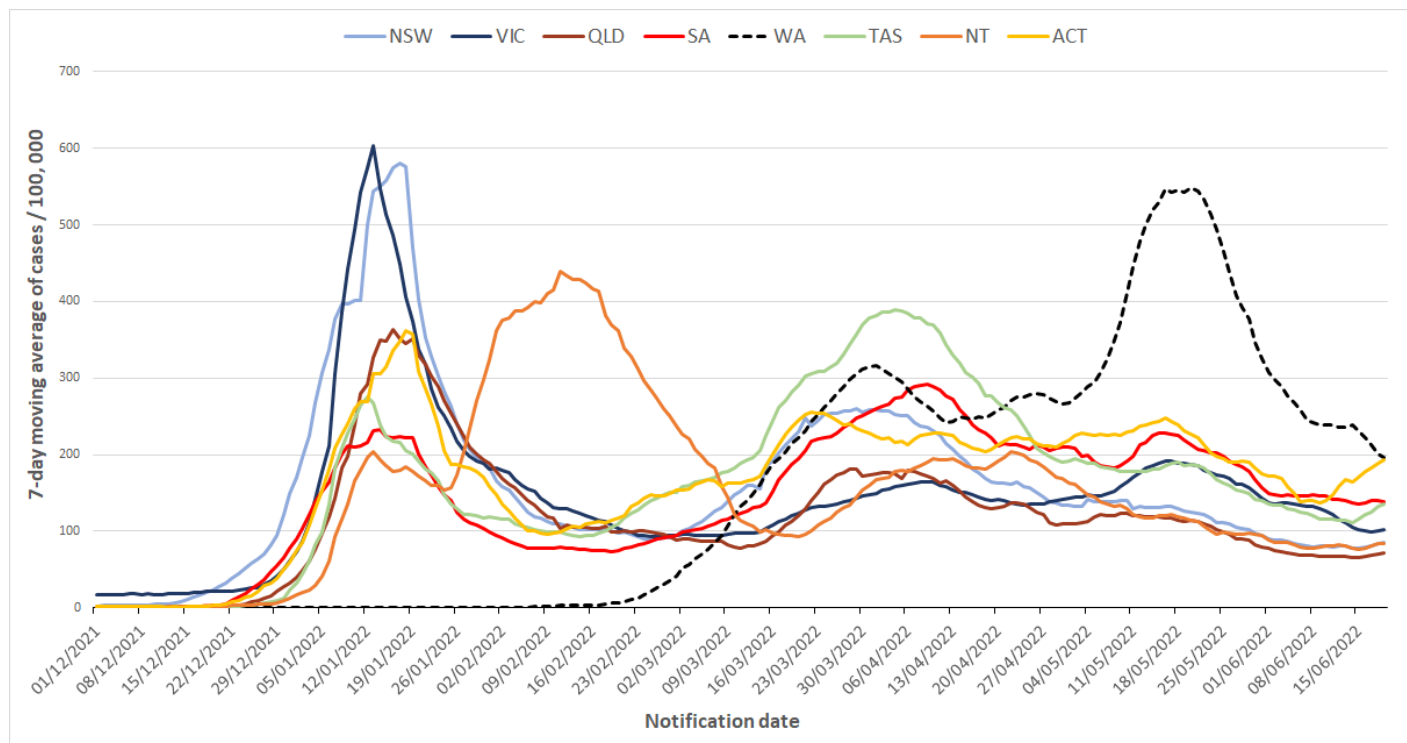
Notification date refers to data collected up to the end of the 24-hour reporting period 8pm to 8pm

The reporting period transitioned to a 6pm to 6pm cycle from 18<sup>th</sup> June 2022 inclusive

Gender data is partially incomplete due to the unavailability of this variable during rapid antigen test registration, resulting in a discrepancy to total case numbers reported for the week.

- Males: n=16,301 (47.5%) Females: n=18,053 (52.5%)
- Median age = 37 years; range: 0 to 102 years

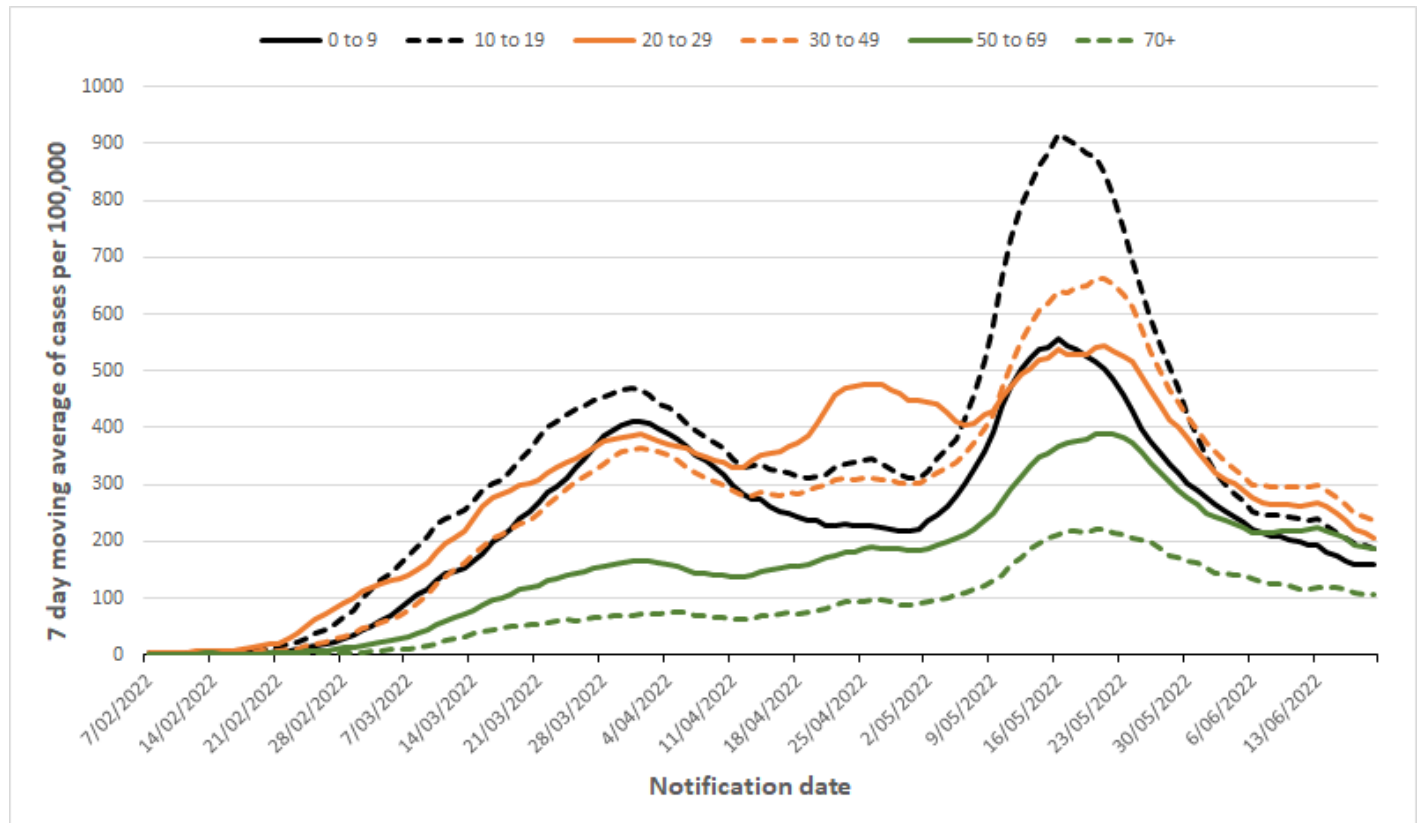
**Figure 4. 7-day moving average of COVID-19 cases per 100,000 people, by Australian jurisdiction, 01 December 2021 to 19 June 2022.**



**Notes**

Data sourced from the respective jurisdictional health department datasets  
 Notification date refers to data collected up to the end of the 24-hour reporting period 8pm to 8pm  
 The reporting period in WA transitioned to a 6pm to 6pm cycle from 18<sup>th</sup> June 2022 inclusive  
 Population denominator is sourced from Australian Bureau of Statistics September 2021 estimates.

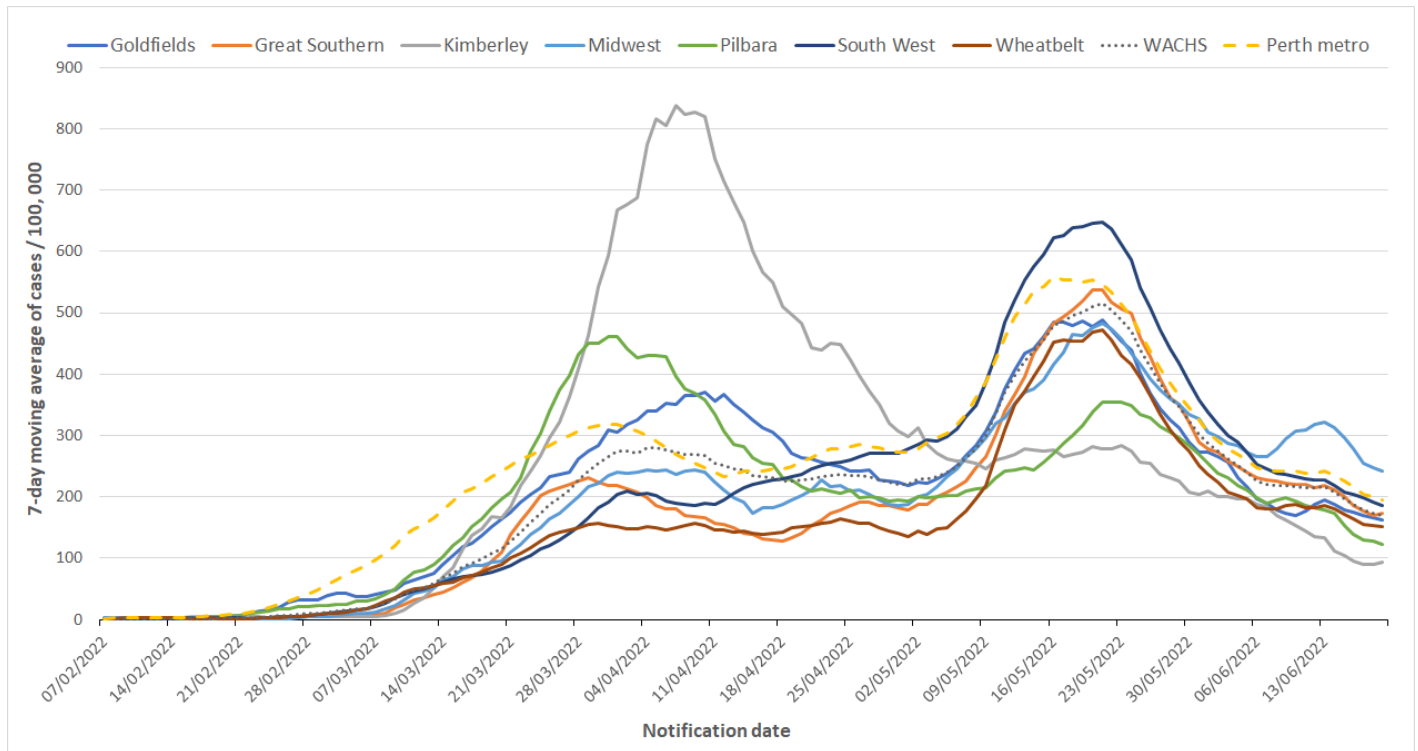
**Figure 5. 7-day moving average of COVID-19 cases per 100,000 by age group, Western Australia, 07 February to 19 June 2022.**



**Notes**  
 Data sourced from Western Australia Department of Health dataset  
 Notification date refers to data collected up to the end of the 24-hour reporting period 8pm to 8pm  
 The reporting period transitioned to a 6pm to 6pm cycle from 18<sup>th</sup> June 2022 inclusive  
 Cases include all cases whose source of infection is classified as 'locally-acquired', 'interstate-acquired', 'overseas-acquired' and 'source under investigation'  
 Case data includes those determined by both polymerase chain reaction (PCR) tests and rapid antigen tests (RAT)  
 Population denominator sourced from Australian Bureau of Statistics June 2021 estimates.



**Figure 6. 7-day moving average of COVID-19 cases per 100,000 people, by public health region, Western Australia, 07 February 2022 to 19 June 2022.**



**Notes**  
 Data sourced from Western Australia Department of Health dataset  
 Notification date refers to data collected up to the end of the 24-hour reporting period 8pm to 8pm  
 The reporting period transitioned to a 6pm to 6pm cycle from 18<sup>th</sup> June 2022 inclusive  
 Cases include all cases whose source of infection is classified as 'locally-acquired', 'interstate-acquired', 'overseas-acquired' and 'source under investigation'  
 Case data is by place of usual residence for positive case (due to unavailability of data for specific location of acquisition)  
 Case data includes those determined by both polymerase chain reaction (PCR) tests and rapid antigen tests (RAT)  
 Western Australia Country Health Service (WACHS) includes Goldfields, Great Southern, Kimberley, Midwest, Pilbara, South West and Wheatbelt public health regions combined  
 Perth metro includes East Metropolitan Health Service, North Metropolitan Health Service and South Metropolitan Health Service combined  
 Population denominator sourced from Australian Bureau of Statistics 2020 estimates.

**Table 2. Number of COVID-19 cases and case rates per 100,000 population, by region, 13 June to 19 June 2022 and 06 June to 12 June 2022.**

	Region	Week 13 June to 19 June 2022		Week 06 June to 12 June 2022	
		Number for current week	Rates for current week (cases/100,000 pop)	Number for previous week	Rates for previous week (cases/100,000 pop)
<b>WACHS Regions</b>	<b>Goldfields</b>	613	1136	713	1166
	<b>Great Southern</b>	740	1207	921	1445
	<b>Kimberley</b>	236	655	338	832
	<b>Midwest</b>	1054	1698	1383	1941
	<b>Pilbara</b>	539	858	797	1133
	<b>South West</b>	2372	1305	2894	1477
	<b>Wheatbelt</b>	812	1066	973	1223
<b>WACHS total*</b>		<b>6366</b>	<b>1192</b>	<b>8019</b>	<b>1376</b>
<b>Other**</b>		529	-	561	-
<b>Metropolitan</b>		29,201	1371	35,614	1553
<b>Total</b>		36,096	1355	44,194	1537

**Notes**

Data sourced from Western Australia Department of Health dataset

Notification date refers to data collected up to the end of the 24-hour reporting period 8pm to 8pm

The reporting period transitioned to a 6pm to 6pm cycle from 18<sup>th</sup> June 2022 inclusive

Cases include all cases whose source of infection is classified as 'locally-acquired', 'interstate-acquired', 'overseas-acquired' and 'source under investigation'

Case data is by place of usual residence for positive case (due to unavailability of data for specific location of acquisition)

Case data includes those determined by both polymerase chain reaction (PCR) tests and rapid antigen tests (RAT)

\*Western Australia Country Health Service (WACHS) includes Goldfields, Great Southern, Kimberley, Midwest, Pilbara, South West and Wheatbelt public health regions combined

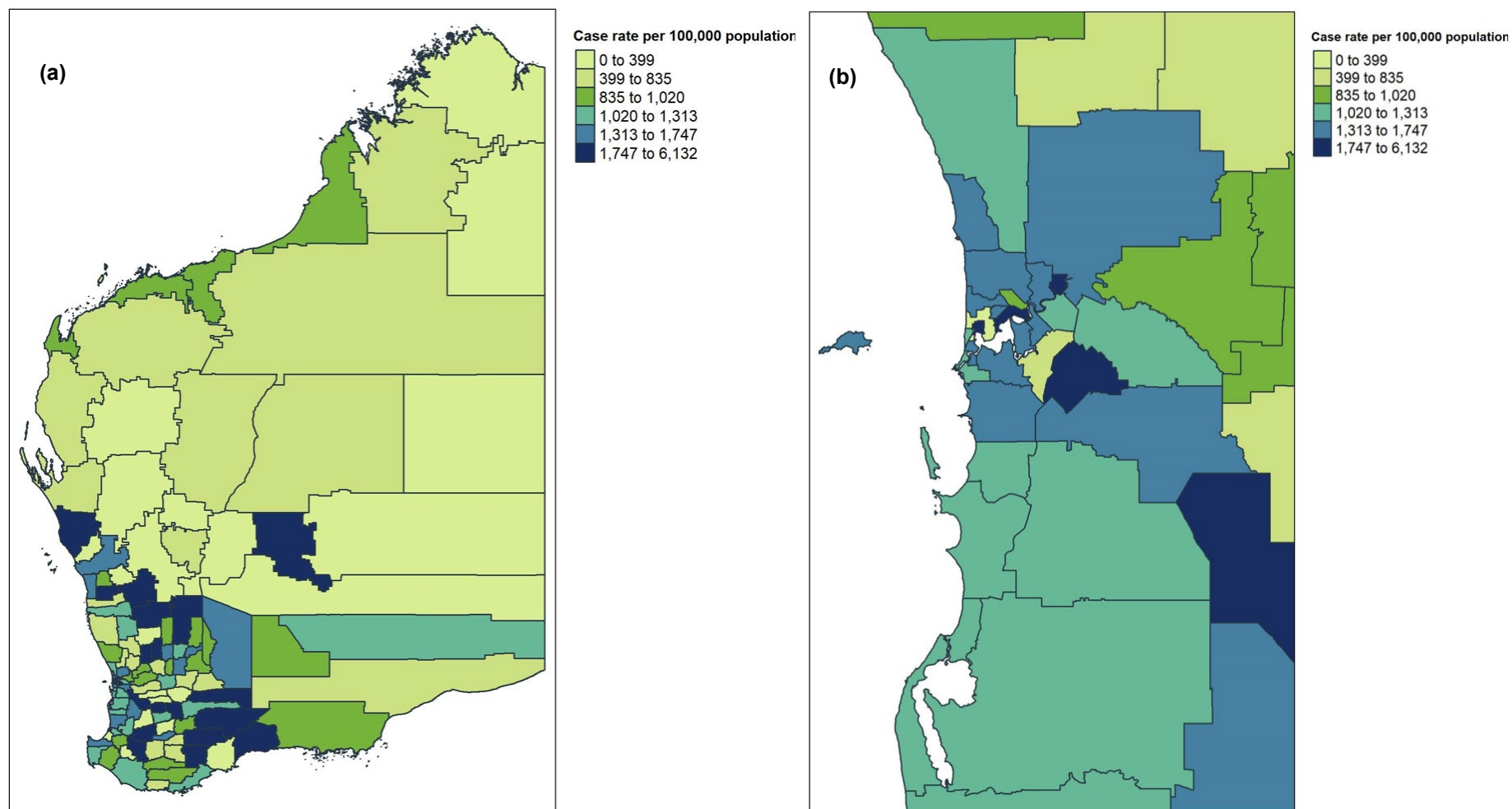
Total excludes WACHS\*

Metropolitan includes East Metropolitan Health Service, North Metropolitan Health Service and South Metropolitan Health Service combined

\*\*Other includes overseas and interstate residential addresses, and cases whom had no residential data available

Population denominator is sourced from Australian Bureau of Statistics 2020 estimates.

**Figure 7 (a). Locally-acquired COVID-19 case rates per 100,000 population by LGA, regional Western Australia, 13 June to 19 June 2022. (b) Locally-acquired COVID-19 case rates per 100,000 population by LGA, Perth metropolitan area, 13 June to 19 June 2022.**

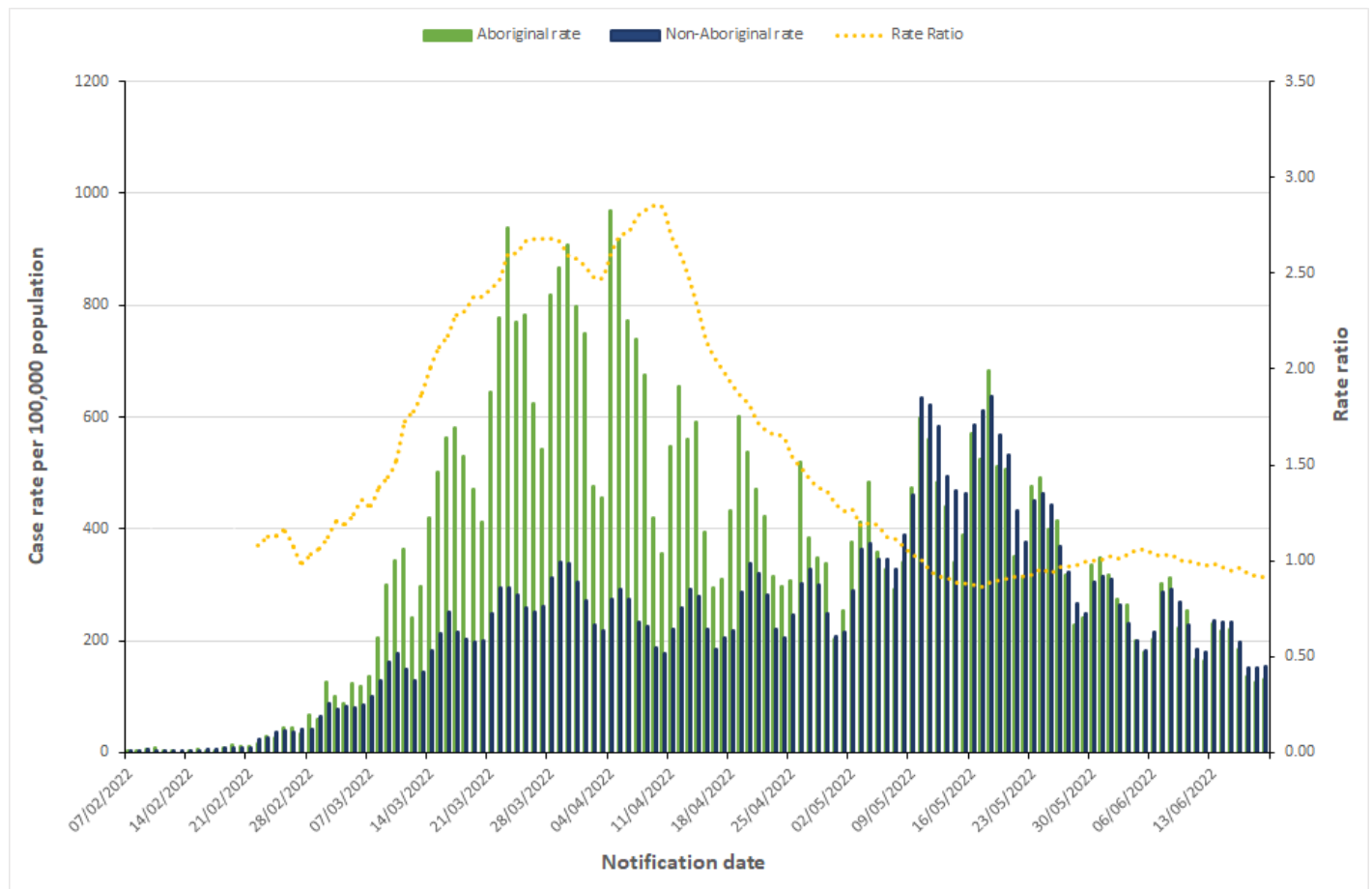


**Notes**

Data sourced from Western Australia Department of Health dataset  
 Notification date refers to data collected up to the end of the 24-hour reporting period 8pm to 8pm  
 The reporting period transitioned to a 6pm to 6pm cycle from 18<sup>th</sup> June 2022 inclusive  
 'Locally-acquired' cases include all cases whose source of infection is classified as 'locally-acquired' and 'source under investigation' only (excludes interstate and overseas-acquired cases)  
 Case data is represented on the map by place of usual residence for positive case (due to unavailability of data for specific location of acquisition)  
 Case data includes those determined by both polymerase chain reaction (PCR) tests and rapid antigen tests (RAT)  
 Areas on the map are defined by Local Government Area (LGA) boundaries  
 Population denominator is sourced from Australian Bureau of Statistics 2020 estimates.

## Aboriginal case summary

Figure 8. COVID-19 cases in Western Australia per 100,000 population, and rate ratio, by Indigenous status and notification date, 07 February to 19 June 2022.



### Notes

Data sourced from Western Australia Department of Health dataset

Notification date refers to data collected up to the end of the 24-hour reporting period 8pm to 8pm

The reporting period transitioned to a 6pm to 6pm cycle from 18<sup>th</sup> June 2022 inclusive

Aboriginal status is defined as those who identify as 'Aboriginal and Torres Strait Islander (TSI) origin'/'Aboriginal but not TSI origin'/'TSI but not Aboriginal origin'

Cases where Aboriginal status was not stated were designated as non-Aboriginal

Cases include those determined by both polymerase chain reaction (PCR) tests and rapid antigen tests (RAT)

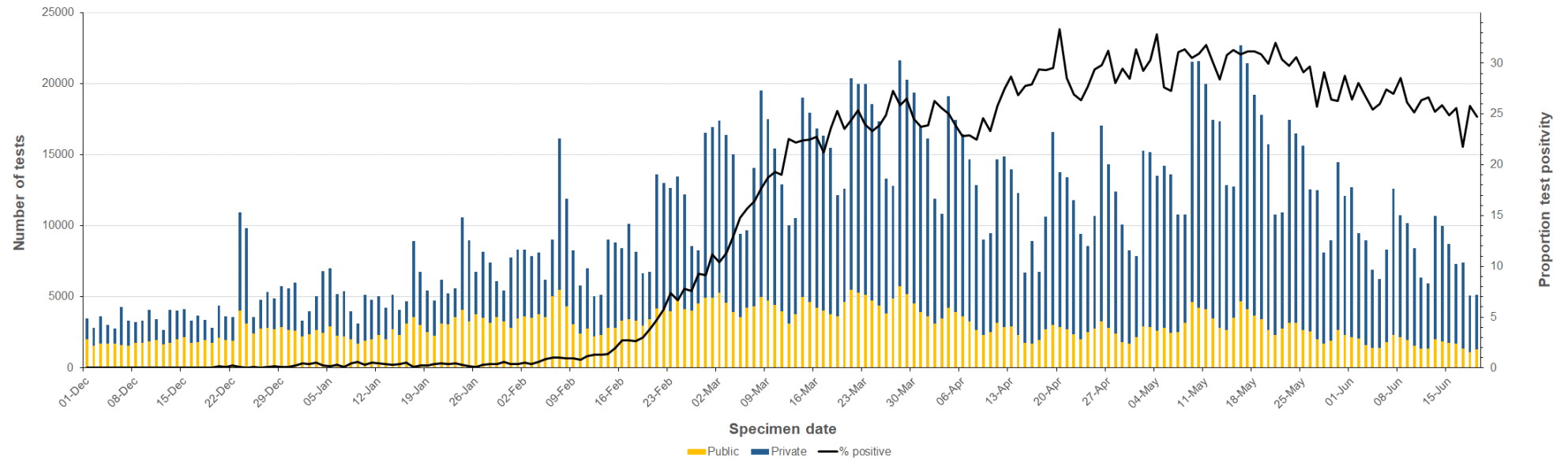
Population denominator is sourced from Australian Bureau of Statistics 2020 estimates

Rate ratio is calculated as Aboriginal rate/Non-Aboriginal rate, with a 7-day average of the respective rate ratios applied to smooth the trend

Rate ratio is only plotted from 22nd February 2022 onwards due to there being too few case numbers prior to this date.

# Testing data

Figure 9. The number of COVID-19 polymerase chain reaction tests and proportion positive by laboratory category and specimen date, 01 December 2021 to 19 June 2022.



### Notes

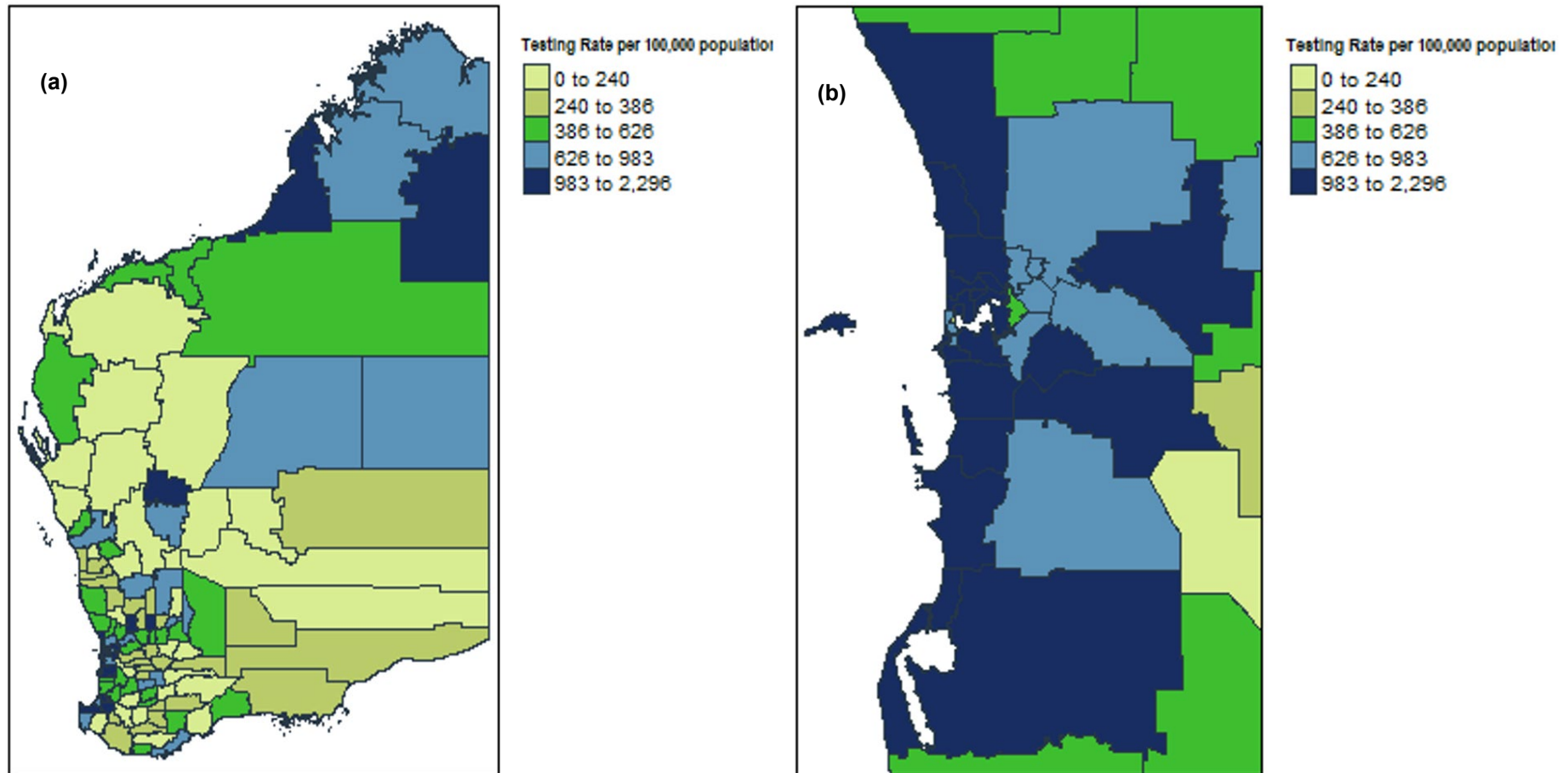
Data sourced from Western Australian public and private pathology laboratories  
Specimen date refers to the date that specimen was collected  
Number of tests includes both positive and negative tests.

**Table 3. Number of COVID-19 polymerase chain reaction tests and testing rates, by region, Western Australia, 13 June to 19 June 2022 and 06 June to 12 June 2022.**

	Region	Week 13 June to 19 June 2022		Week 06 June to 12 June 2022	
		Number for current week	Rates for current week (tests/100,000 pop)	Number for previous week	Rates for previous week (tests/100,000 pop)
<b>WACHS Regions</b>	<b>Goldfields</b>	403	747	361	590
	<b>Great Southern</b>	499	814	639	1002
	<b>Kimberley</b>	491	1362	407	1002
	<b>Midwest</b>	532	857	728	1022
	<b>Pilbara</b>	419	667	492	699
	<b>South West</b>	2846	1565	3417	1744
	<b>Wheatbelt</b>	522	665	533	670
<b>WACHS total *</b>		<b>5712</b>	<b>1069</b>	<b>6577</b>	<b>1129</b>
<b>Other**</b>		431	-	515	-
<b>Metropolitan</b>		47,078	2211	55,018	2400
<b>Total</b>		53,221	1998	62,110	2160

**Notes**  
 Data sourced from Western Australian public and private pathology laboratories  
 Number of tests includes both positive and negative tests  
 Region of residential address for person tested  
 \*Western Australia Country Health Service (WACHS) includes Goldfields, Great Southern, Kimberley, Midwest, Pilbara, South West and Wheatbelt public health regions  
 Total excludes WACHS\*  
 \*\*Other includes overseas and interstate residential addresses  
 Population denominator is sourced from Australian Bureau of Statistics 2020 estimates.

Figure 10 (a). Polymerase chain reaction testing rates per 100,000 population by LGA, regional Western Australia, 13 June to 19 June 2022. (b) Polymerase chain reaction testing rates per 100,000 population by LGA, Perth metropolitan area, 13 June to 19 June 2022.



**Notes**

Data sourced from Western Australian pathology laboratories and includes both positive and negative tests  
 RAT testing numbers could not be included due to the department only receiving positive RAT tests  
 Population denominator is sourced from Australian Bureau of Statistics 2020 estimates  
 Testing data is represented on the map by place of usual residence for person tested (due to unavailability of data for place of test)  
 Areas on the map are defined by Local Government Area (LGA) boundaries.

# Appendix 1

## Regional cases by postcode, 13 June – 19 June 2022

WACHS Regions	Postcode	Week 13 June to 19 June 2022	WACHS Regions	Postcode	Week 13 June to 19 June 2022	WACHS Regions	Postcode	Week 13 June to 19 June 2022
Goldfields	6346	16	Great Southern (continued)	6395	8	Pilbara (continued)	6712	<5
	6429	5		6396	5		6713	28
	6430	278	Kimberley	6725	124		6714	155
	6431	<5		6726	43		6716	6
	6432	81		6728	32		6718	<5
	6436	<5		6740	6		6720	24
	6437	25		6743	24		6721	55
	6438	17		6765	6		6722	96
	6440	<5		6770	<5		6751	44
	6442	28	Midwest	6514	7		6753	76
	6443	5		6515	<5		6754	23
	6445	<5		6517	<5		6760	<5
	6447	<5		6519	12	6762	10	
	6448	<5		6522	<5	South West	6218	9
	6450	142		6525	62		6219	7
	6646	5		6528	5		6220	86
	Great Southern	6316	<5	6530	637		6221	<5
		6317	31	6532	139		6223	<5
6318		5	6535	14	6224		15	
6320		<5	6536	22	6225	112		
6321		<5	6537	7	6226	17		
6323		6	6614	<5	6227	13		
6324		35	6616	<5	6228	<5		
6326		9	6620	<5	6229	<5		
6327		<5	6623	22	6230	593		
6328		5	6628	<5	6232	144		
6330		477	6630	22	6233	312		
6333		55	6631	<5	6236	29		
6335		22	6632	6	6237	15		
6336		<5	6638	<5	6239	44		
6337		18	6642	6	6240	<5		
6338		6	6701	39	6244	10		
6341		7	6705	<5	6251	<5		
6343		<5	6707	28	6253	7		
6348	30	Pilbara	6710	15	6255	38		



WACHS Regions	Postcode	Week 13 June to 19 June 2022	WACHS Regions	Postcode	Week 13 June to 19 June 2022	WACHS Regions	Postcode	Week 13 June to 19 June 2022
South West (continued)	6256	<5	Wheatbelt (continued)	6359	8	Wheatbelt (continued)	6477	<5
	6258	61		6361	<5		6479	<5
	6260	21		6365	8		6485	7
	6262	9		6367	<5		6488	<5
	6271	50		6369	<5		6490	<5
	6275	14		6370	11		6501	16
	6280	406		6372	<5		6502	8
	6281	128		6375	<5		6503	15
	6282	17		6383	12		6505	<5
	6284	41		6390	15		6507	<5
	6285	135		6391	12		6510	18
	6286	12		6392	5		6511	5
	6288	<5		6401	77		6512	<5
	6290	<5		6403	5		6516	17
	6398	<5		6405	<5		6521	<5
	Wheatbelt	6041		23	6407		11	6560
6043		5	6409	<5	6562	13		
6044		10	6410	16	6564	<5		
6302		34	6415	36	6566	26		
6304		13	6418	7	6567	<5		
6306		<5	6420	<5	6569	<5		
6308		26	6422	<5	6571	<5		
6309		6	6423	<5	6572	<5		
6311		12	6426	22	6574	7		
6312		55	6460	10	6575	<5		
6313		<5	6461	12	6603	19		
6315		28	6463	<5	6608	<5		
6350		6	6466	<5	6609	12		
6352		<5	6468	19	6612	<5		
6353		12	6470	<5				
6355		24	6472	11				
6356		8	6473	<5				
6358		<5	6475	<5				

## Notes

Data sourced from Western Australia Department of Health dataset

Exact number of cases less than 5 not reported for confidentiality

Notification date refers to data collected up to the end of the 24-hour reporting period 8pm to 8pm

The reporting period transitioned to a 6pm to 6pm cycle from 18<sup>th</sup> June 2022 inclusive

Cases include all cases whose source of infection is classified as 'locally-acquired', 'interstate-acquired', 'overseas-acquired' and 'source under investigation'

Case data is based on the residential postcode of each case. The case may have an isolation address based in another regional postcode.

Case data includes those determined by both polymerase chain reaction (PCR) tests and rapid antigen tests (RAT)

\*Western Australia Country Health Service (WACHS) includes Goldfields, Great Southern, Kimberley, Midwest, Pilbara, South West and Wheatbelt public health regions

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