



COVID-19 Weekly Surveillance Report

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Summary for the week 06 June to 12 June 2022 (inclusive)

In the week of 06 June to 12 June 2022 there were:

- 44,194 COVID-19 cases reported (9% decrease compared to previous week)
 - 15,457 with positive polymerase chain reaction (PCR) tests (15% decrease)
 - 28,737 with positive rapid antigen tests (RAT) (5% decrease)
 - 42,985 locally-acquired, 852 interstate acquired, 357 overseas acquired
- 160 hospital admissions (3% decrease) and 3 transfers into an intensive care unit (57% decrease)
- 28 deaths reported (20% decrease), aged between 50 to 100 years old
- 62,110 COVID-19 PCR tests conducted (12% decrease).

Surveillance summary

There were 62,110 PCR tests conducted in the current reporting week (week ending 12 June 2022), a 12% decrease compared to the previous reporting week, with the proportion of positive PCR tests reducing marginally, but still remaining relatively high over the course of the week with a 7-day average of 26.6%.

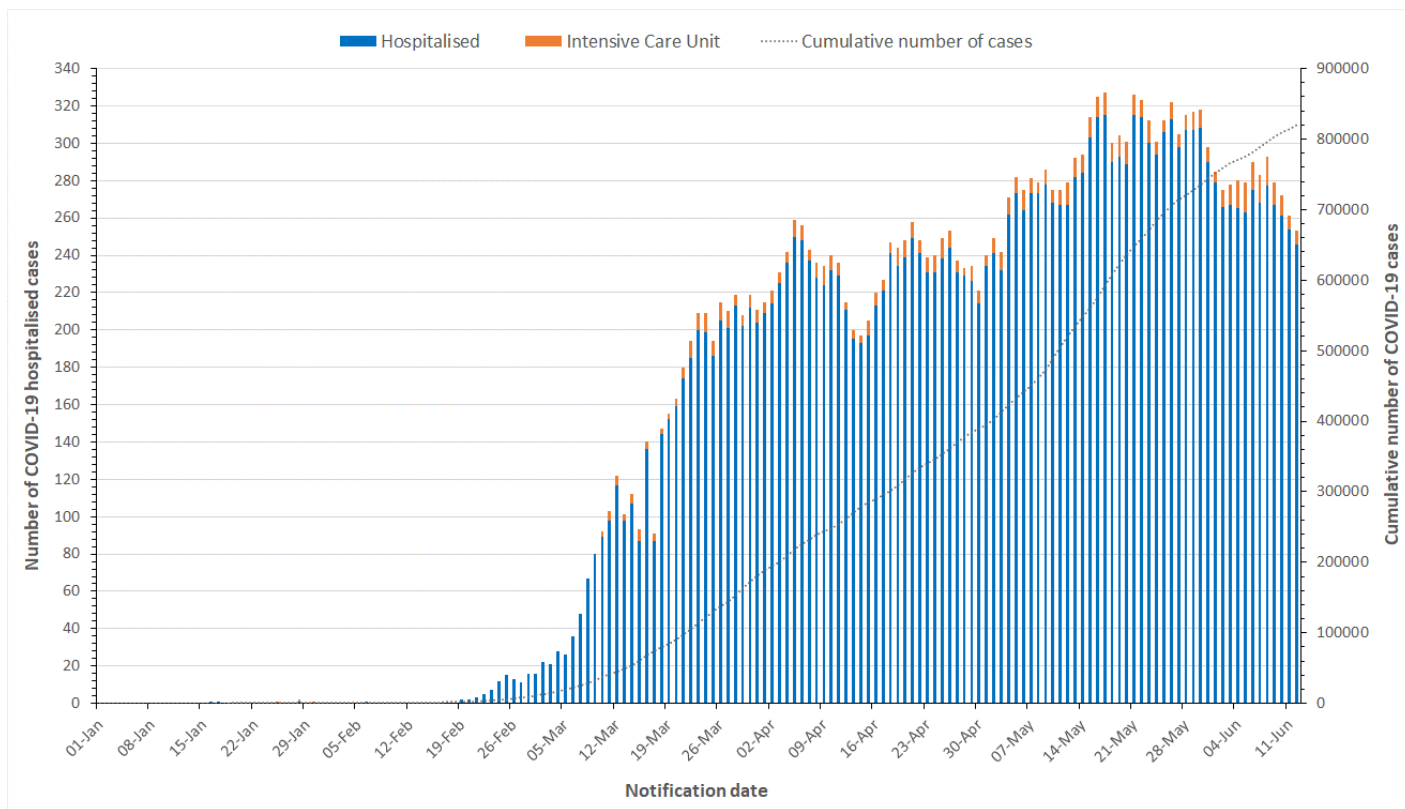
Overall, case numbers decreased by 9% compared to the previous week, compared to the 29% week-on-week decrease observed during the previous 7-day period. There was a decrease in cases diagnosed by PCR test and RAT of 15% and 5%, respectively. The relatively slower decline in proportion of positive PCR 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 Midwest and Goldfields 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 13% higher than in Western Australia Country Health Service (WACHS) areas combined. Age groups between 10 - 49 years old represent the highest proportion of cases reported, with an easing of trends observed in all age groups. Although the rate of cases per 100,000 population has begun to level off, WA remains higher than all other Australian jurisdictions.

There were 1,720 cases and 0 deaths in the Aboriginal population during the reporting period, a 37% decrease in cases compared to the previous report week. Cases in the Aboriginal population are continuing to be reported at a similar rate compared to the non-Aboriginal population, with the rate ratio decreasing slightly to 0.96 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 12 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

'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, 06 June to 12 June 2022 and 01 January to 12 June 2022.

	Week 06 June to 12 June 2022	01 Jan 2022 – 12 June 2022
Number of COVID-19 vaccine doses	Deaths n=28	Deaths n=304
0	7 (25.0%)	81 (26.6%)
1	0 (0%)	19 (6.3%)
2	2 (7.1%)	48 (15.8%)
3+	19 (67.9%)	156 (51.3%)
Age group (years)		
0-9	0 (0%)	0 (0%)
10-19	0 (0%)	2 (0.7%)
20-29	0 (0%)	1 (0.3%)
30-39	0 (0%)	4 (1.3%)
40-49	0 (0%)	5 (1.6%)
50-59	1 (3.6%)	17 (5.6%)
60-69	2 (7.1%)	25 (8.2%)
70-79	5 (17.9%)	57 (18.8%)
80-89	11 (39.3%)	111 (36.5%)
90+	9 (32.1%)	82 (27.0%)

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](#).

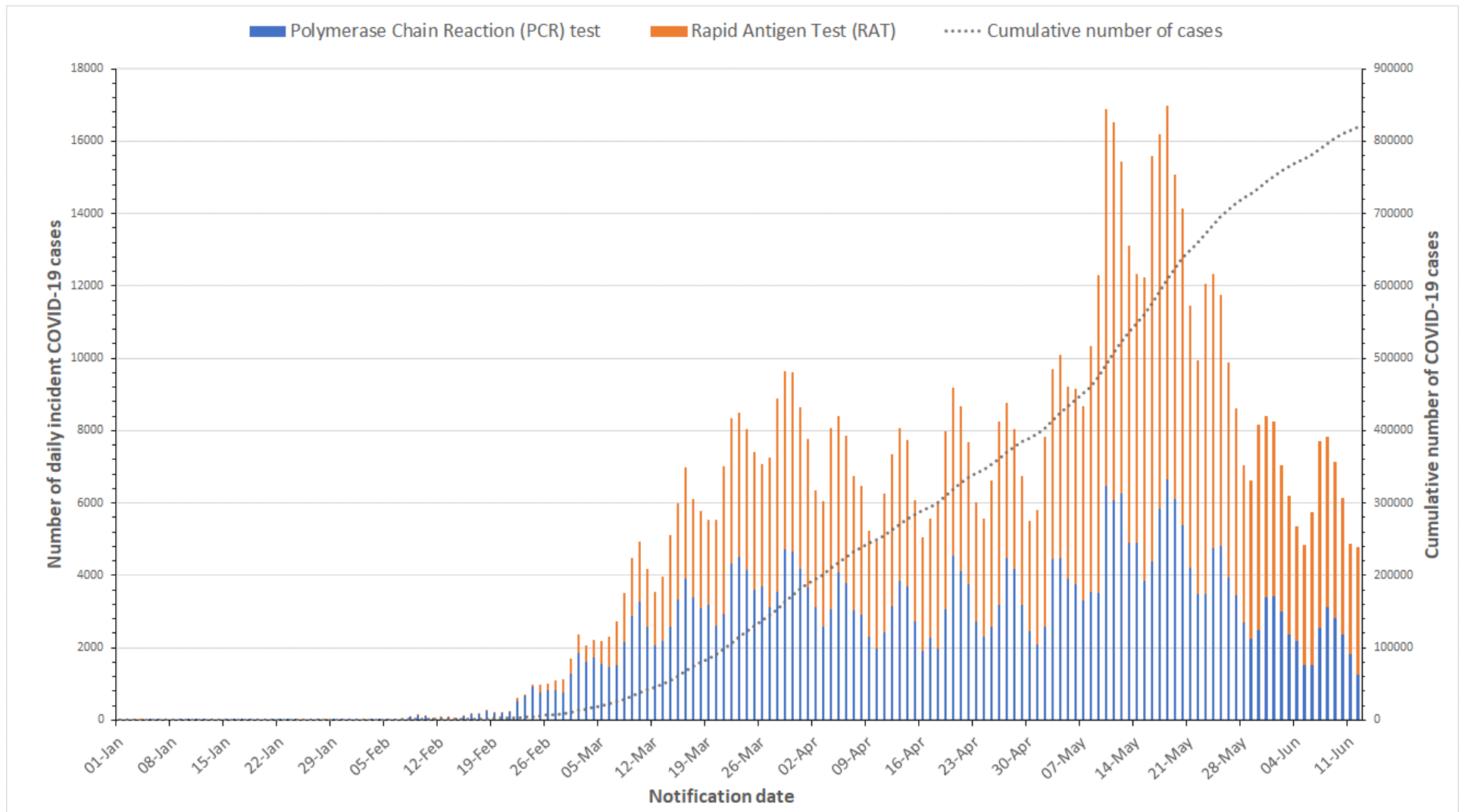
Deaths are counted by notification date and may include historical deaths that occurred (i.e. date of death) prior to the current report week

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

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 12 June 2022.



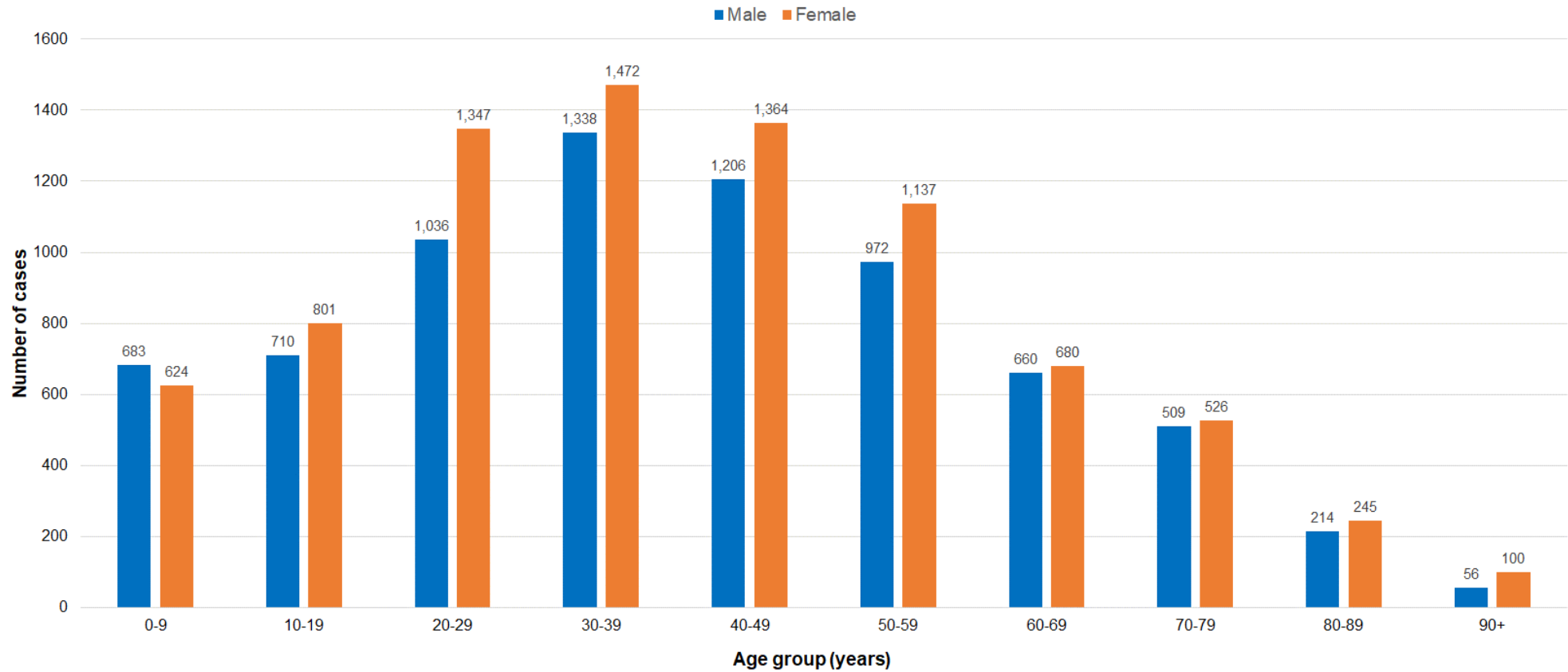
Notes

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.

COVID-19 Weekly Surveillance Report

Figure 3. COVID-19 cases by age group and sex, Western Australia, 06 June to 12 June 2022.



Notes

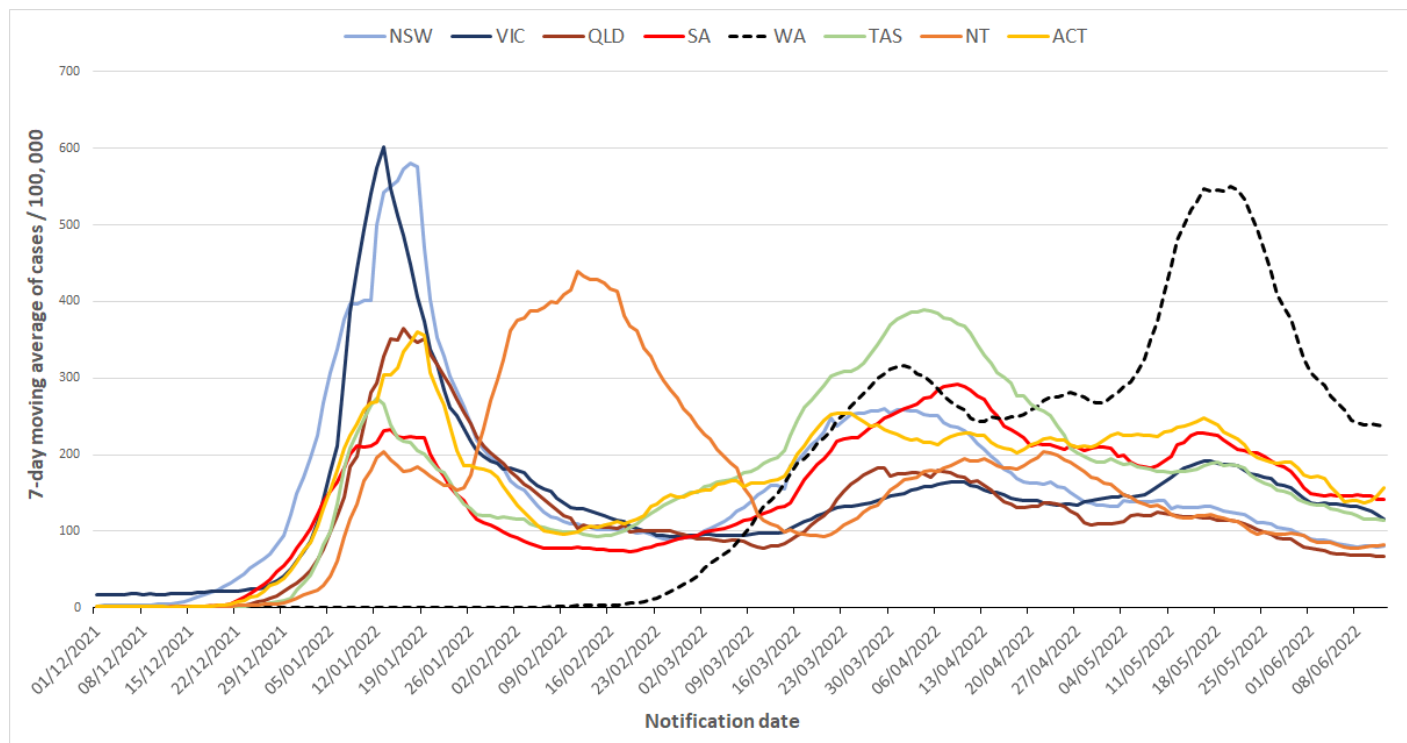
Data sourced from Western Australia Department of Health dataset

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

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=7,384 (47.1%). Females: n=8,296 (52.9%)
- Median age = 36 years; range: 0 to 102 years

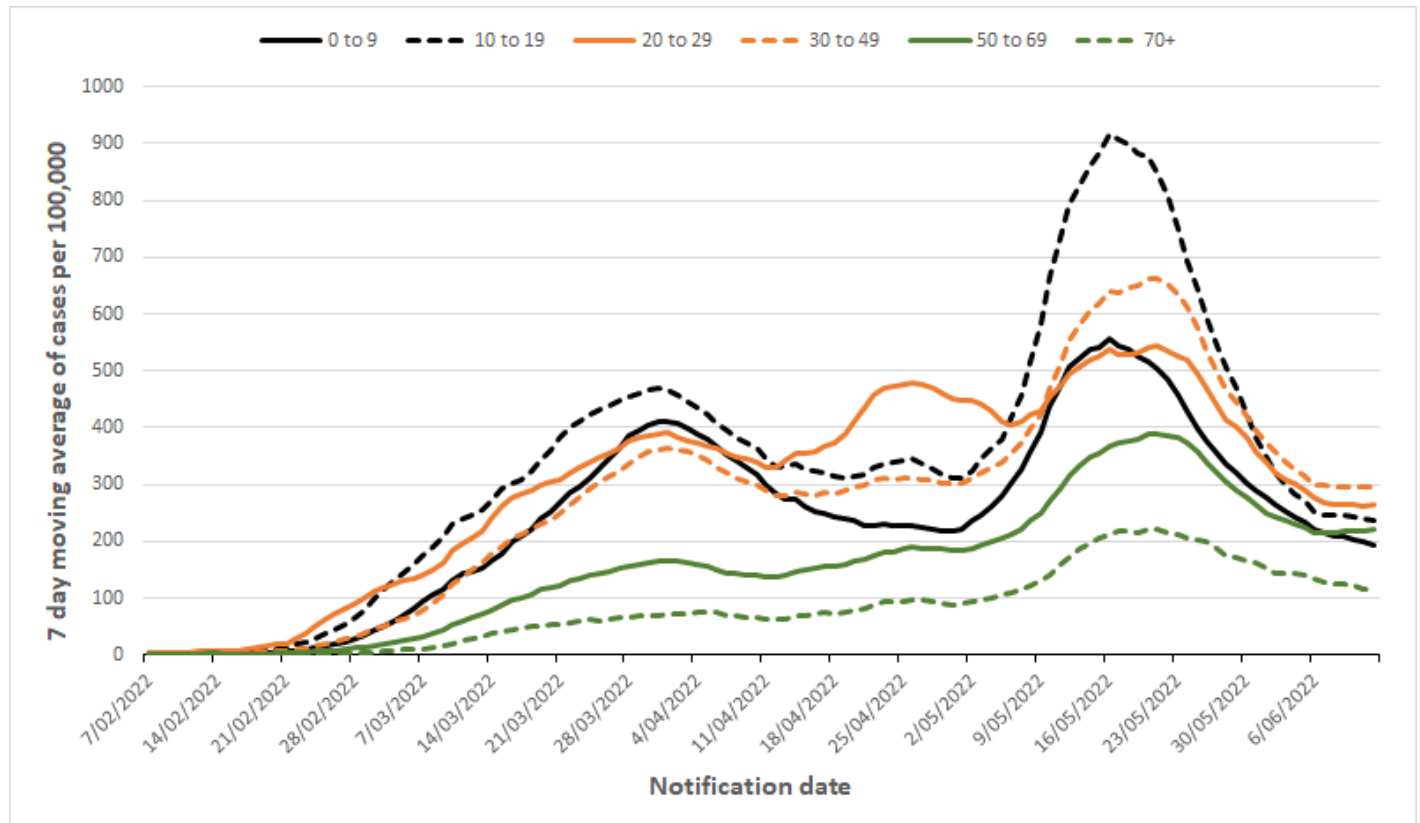
Figure 4. 7-day moving average of COVID-19 cases per 100,000 people, by Australian jurisdiction, 01 December 2021 to 12 June 2022.



Notes

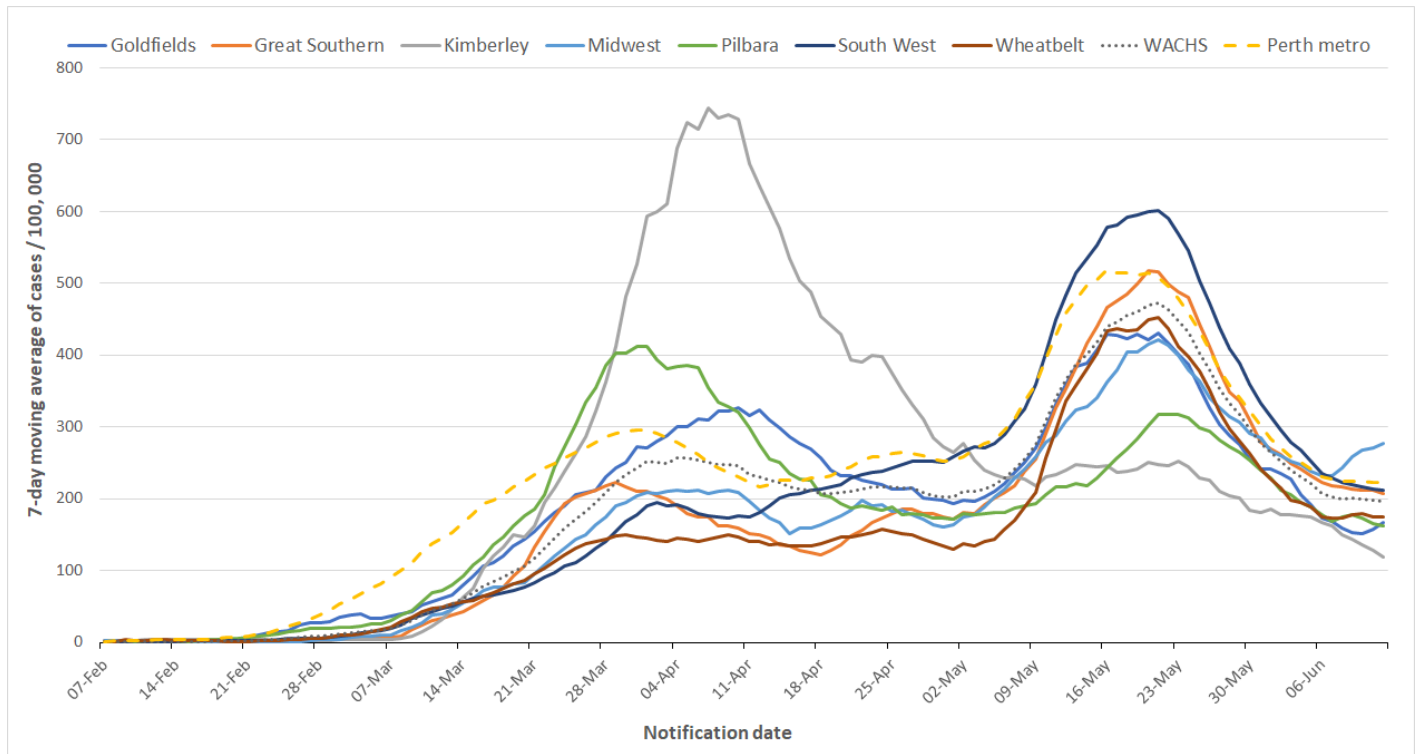
Data sourced from the respective jurisdictional health department datasets
 ACT data is unavailable from 12th June inclusive
 Notification date refers to data collected up to the end of the 24-hour reporting period 8pm to 8pm
 Population denominator is sourced from Australian Bureau of Statistics June 2021 estimates.

Figure 5. 7-day moving average of COVID-19 cases per 100,000 by age group, Western Australia, 07 February to 12 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
 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 2019 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 12 June 2022.



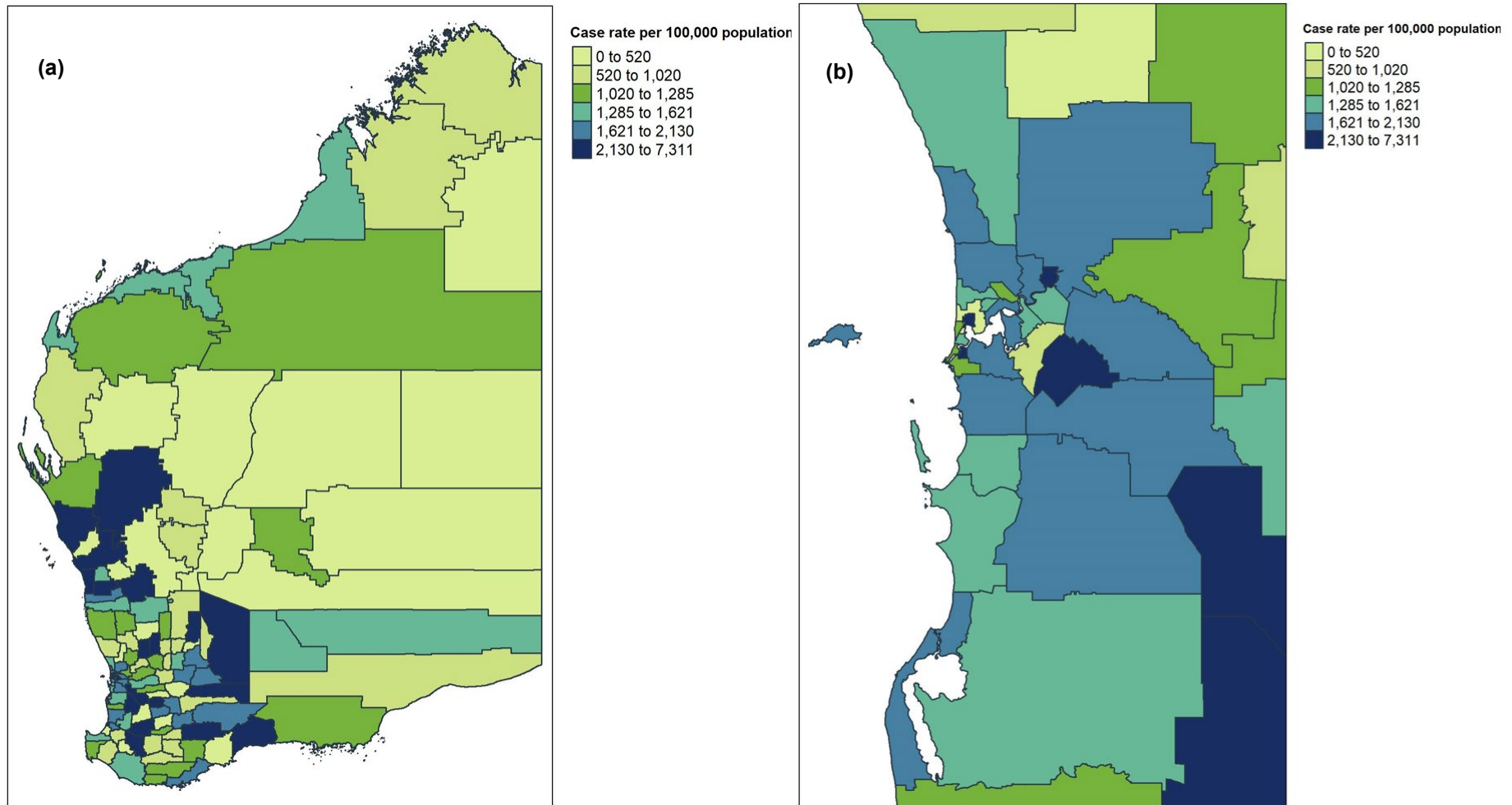
Notes
 Data sourced from Western Australia Department of Health dataset
 Notification date refers to data collected up to the end of the 24-hour reporting period 8pm to 8pm
 Cases include all cases whose source of infection is classified as 'locally-acquired', 'interstate-acquired', 'overseas-acquired' 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 June 2019 estimates.

Table 2. Number of COVID-19 cases and case rates per 100,000 population, by region, 06 June to 12 June 2022 and 30 May to 05 June 2022.

	Region	Week 06 June to 12 June 2022		Week 30 May to 05 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)
WACHS Regions	Goldfields	713	1166	822	1344
	Great Southern	921	1445	1035	1623
	Kimberley	338	832	497	1223
	Midwest	1383	1941	1192	1673
	Pilbara	797	1133	930	1322
	South West	2894	1477	3467	1770
	Wheatbelt	973	1223	1047	1316
WACHS total*		8019	1376	8990	1543
Other**		561	-	533	-
Metropolitan		35,614	1553	38,786	1692
Total		44,194	1537	48,309	1680

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
 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 2019 estimates.

Figure 7 (a). Locally-acquired COVID-19 case rates per 100,000 population by LGA, regional Western Australia, 06 June to 12 June 2022. (b) Locally-acquired COVID-19 case rates per 100,000 population by LGA, Perth metropolitan area, 06 June to 12 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

'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)

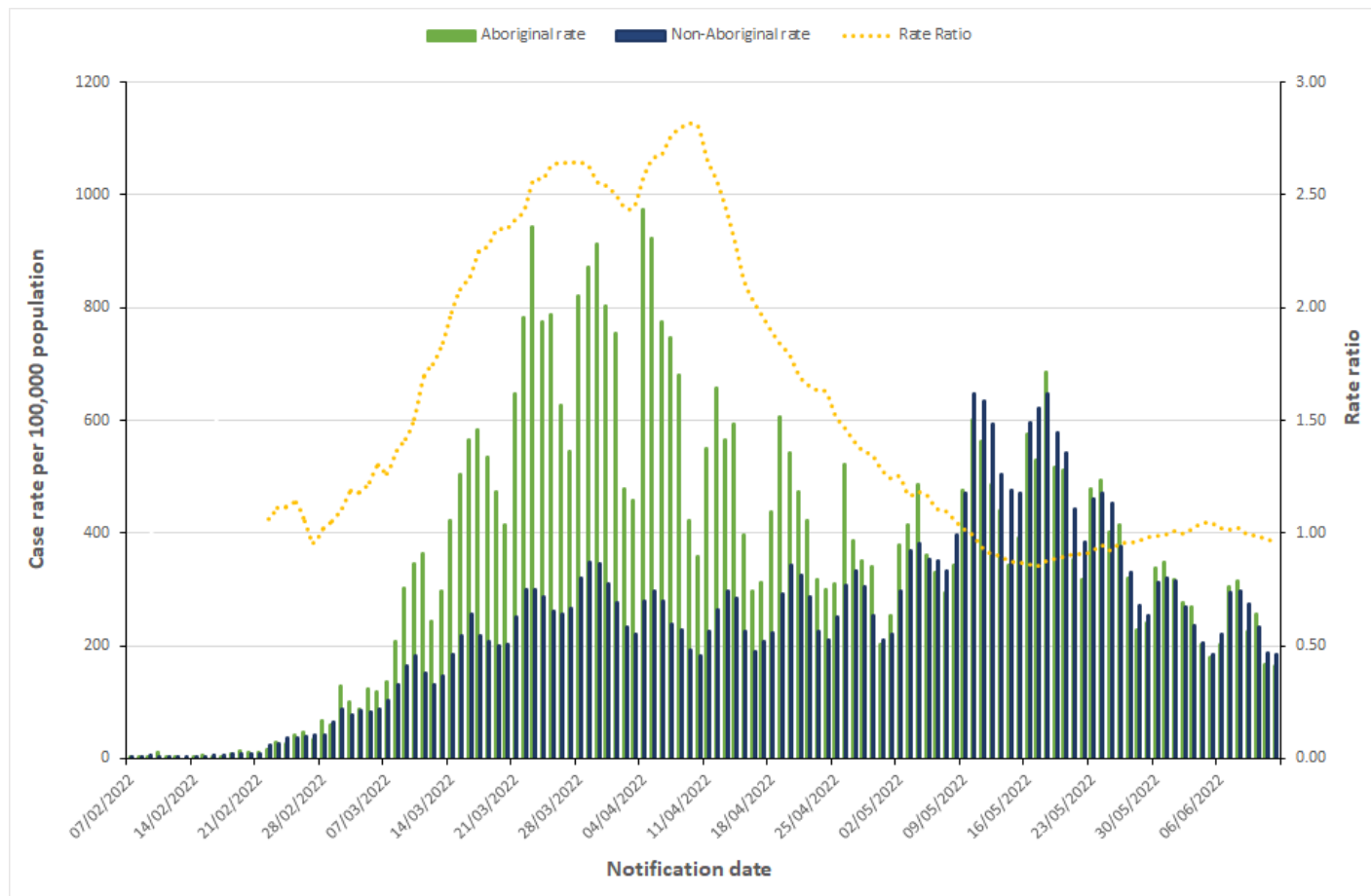
Case data includes those determined by both polymerase chain reaction (PCR) tests and rapid antigen tests (RAT)

Areas on the map are defined by Local Government Area (LGA) boundaries

Population denominator is sourced from Australian Bureau of Statistics 2019 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 12 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

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)

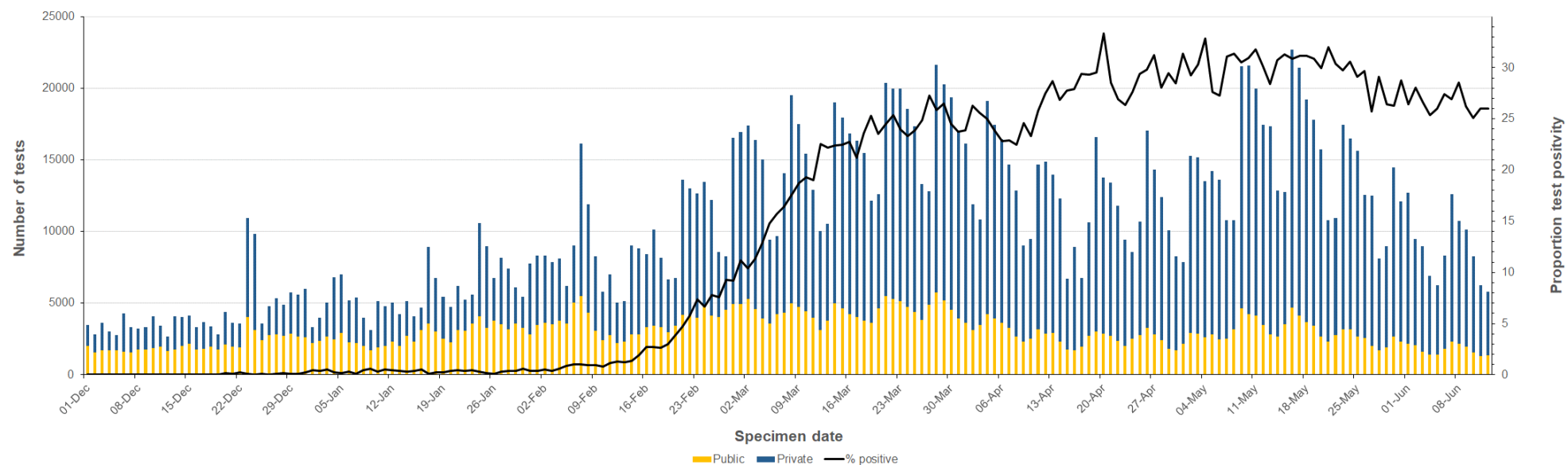
Population denominator is sourced from Australian Bureau of Statistics 2019 estimates

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 12 June 2022.



Notes

Data sourced from Western Australian public and private pathology laboratories

Specimen date refers to the date that specimen was collected

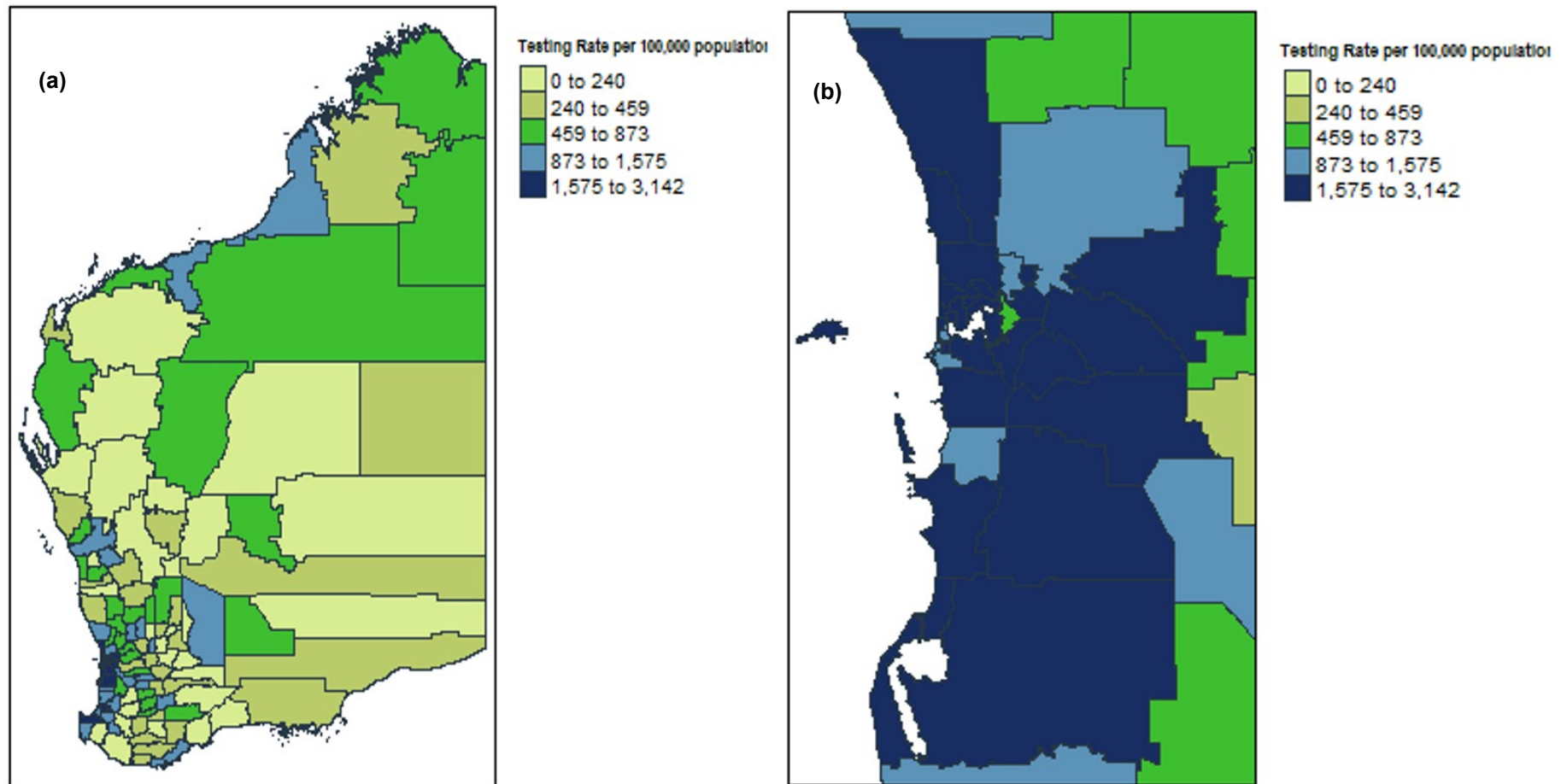
Number of tests includes both positive and negative tests.

Table 3. Number of COVID-19 polymerase chain reaction tests and testing rates, by region, Western Australia, 06 June to 12 June 2022 and 30 May to 05 June 2022.

	Region	Week 06 June to 12 June 2022		Week 30 May to 05 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)
WACHS Regions	Goldfields	361	590	468	765
	Great Southern	639	1002	805	1263
	Kimberley	407	1002	442	1088
	Midwest	728	1022	728	1022
	Pilbara	492	699	650	924
	South West	3417	1744	4325	2208
	Wheatbelt	533	670	640	804
WACHS total *		6577	1129	8058	1383
Other**		515	-	577	-
Metropolitan		55,018	2400	61,669	2690
Total		62,110	2160	70,304	2445

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 2019 estimates.

Figure 10 (a). Polymerase chain reaction testing rates per 100,000 population by LGA, regional Western Australia, 06 June to 12 June 2022. (b) Polymerase chain reaction testing rates per 100,000 population by LGA, Perth metropolitan area, 06 June to 12 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 2019 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, 06 June – 12 June 2022

WACHS Regions	Postcode	Week 06 June to 12 June 2022	WACHS Regions	Postcode	Week 06 June to 12 June 2022	WACHS Regions	Postcode	Week 06 June to 12 June 2022	
Goldfields	6346	6	Great Southern (continued)	6343	8	Midwest (continued)	6705	<5	
	6429	7		6348	38		6707	44	
	6430	384		6395	14	Pilbara	6710	28	
	6432	94		6396	<5		6712	<5	
	6433	<5		6397	<5		6713	31	
	6434	<5		Kimberley	6725		185	6714	240
	6437	15			6726		47	6716	5
	6438	5			6728		33	6718	5
	6440	<5			6740		8	6720	36
	6442	34			6743		41	6721	69
	6443	<5	6765		18		6722	144	
	6445	<5	6770		6		6751	79	
	6446	<5	Midwest		6514	7	6753	128	
	6447	<5			6515	6	6754	28	
	6448	<5			6517	8	6760	<5	
	6450	152		6518	<5	6762	<5		
	6646	<5		6519	20	South West	6218	6	
	Great Southern	6316		5	6522		6	6219	5
		6317		29	6525		91	6220	91
		6318		<5	6528		<5	6221	5
6320		<5		6530	896		6223	10	
6321		<5		6532	181		6224	26	
6322		<5	6535	19	6225		141		
6323		10	6536	6	6226		16		
6324		42	6537	12	6227		19		
6326		<5	6620	5	6228		<5		
6327		<5	6623	15	6230	779			
6328		5	6630	7	6232	215			
6330		649	6635	6	6233	416			
6333		79	6638	<5	6236	33			
6335		11	6639	<5	6237	32			
6336		<5	6640	<5	6239	45			
6337		<5	6642	5	6240	<5			
6338		<5	6690	<5	6244	8			
6341		8	6701	35	6251	8			

WACHS Regions	Postcode	Week 06 June to 12 June 2022	WACHS Regions	Postcode	Week 06 June to 12 June 2022	WACHS Regions	Postcode	Week 06 June to 12 June 2022
South West (continued)	6252	<5	Wheatbelt (continued)	6359	5	Wheatbelt (continued)	6479	16
	6253	7		6361	<5		6484	<5
	6254	5		6365	<5		6485	<5
	6255	86		6367	16		6488	<5
	6256	6		6369	16		6490	<5
	6258	87		6370	8		6501	13
	6260	28		6372	<5		6502	11
	6262	<5		6375	5		6503	23
	6271	55		6383	8		6507	8
	6275	9		6385	<5		6509	<5
	6280	382		6386	<5		6510	23
	6281	141		6390	39		6511	6
	6282	17		6391	26		6512	<5
	6284	38		6392	6		6513	<5
	6285	134		6393	<5		6516	18
	6286	8		6401	63		6521	<5
	6288	<5		6405	<5		6560	22
	6290	23		6407	12		6562	11
	6398	<5		6409	<5		6564	6
	Wheatbelt	6041		18	6410		16	6566
6042		<5	6411	<5	6567	<5		
6043		<5	6412	<5	6569	<5		
6044		8	6414	<5	6571	<5		
6302		43	6415	59	6572	<5		
6304		24	6418	16	6575	<5		
6306		12	6419	<5	6603	14		
6308		31	6422	<5	6605	<5		
6309		<5	6423	<5	6606	<5		
6311		20	6424	<5	6609	18		
6312		82	6425	<5				
6313		<5	6426	26				
6315		26	6460	14				
6350		9	6461	23				
6352		<5	6462	5				
6353		15	6467	<5				
6355		6	6472	<5				
6356		<5	6473	<5				
6357		<5	6475	5				
6358		<5	6477	<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
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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