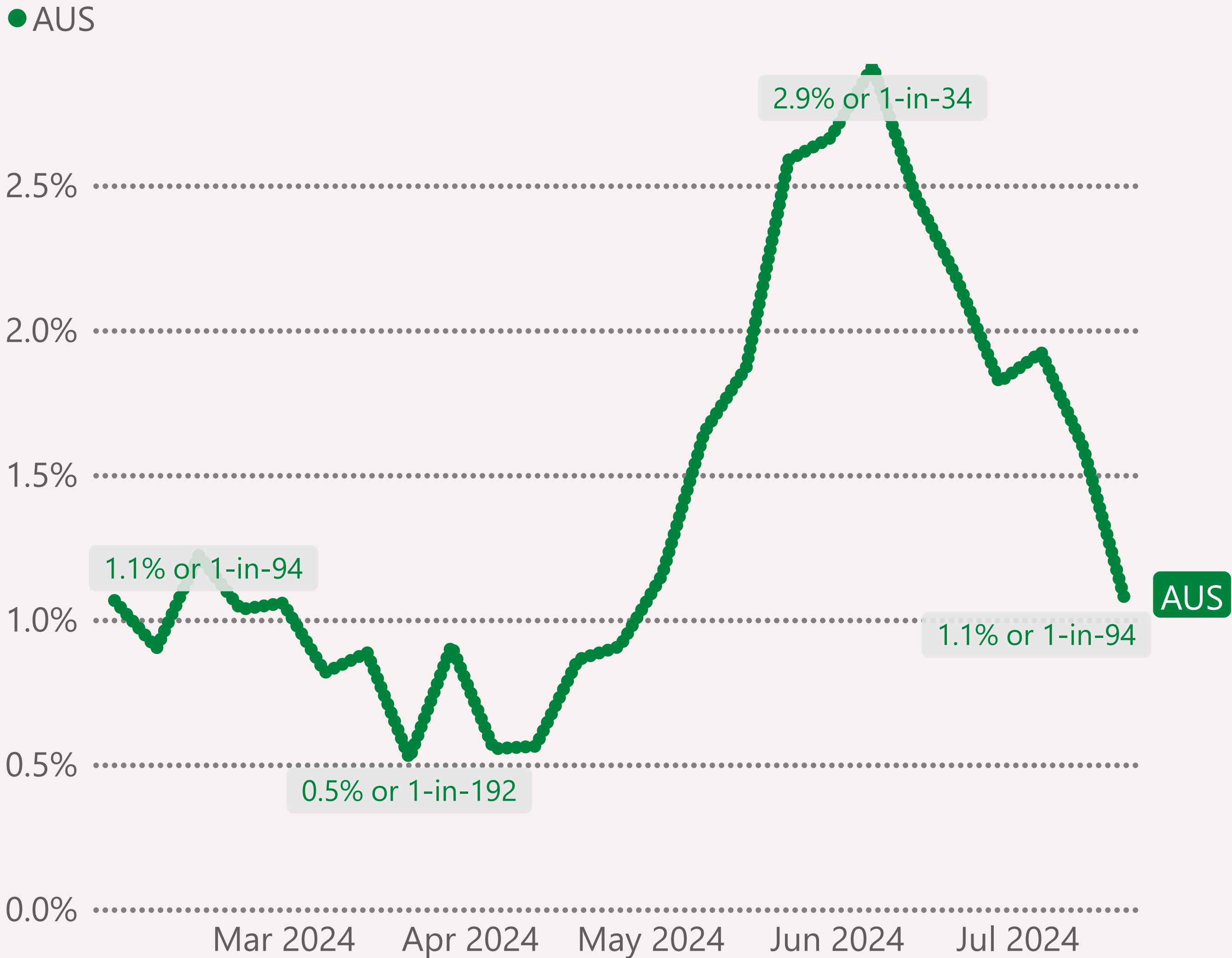


From: 2 February 2024 to 19 July 2024

% Currently Infectious (estimated)



Assumptions: Median Infectious Period (days) = 10 | Multiplier per Aged Care Staff Case = 400X

% People Infected (estimated)

24.6%

# People Infected (estimated)

6.4M

This page estimates the % of the Australian population Currently Infectious, based on Aged Care Staff Cases. The (somewhat heroic) assumption is that this data series has been consistent across the time period, with data shared for all states and territories, with the same data collection and testing methods used in every jurisdiction and over time, and with the same relative relationship to population cases.

Starting from that assumption, the total of Aged Care Staff Cases were translated into population level infections using this method:

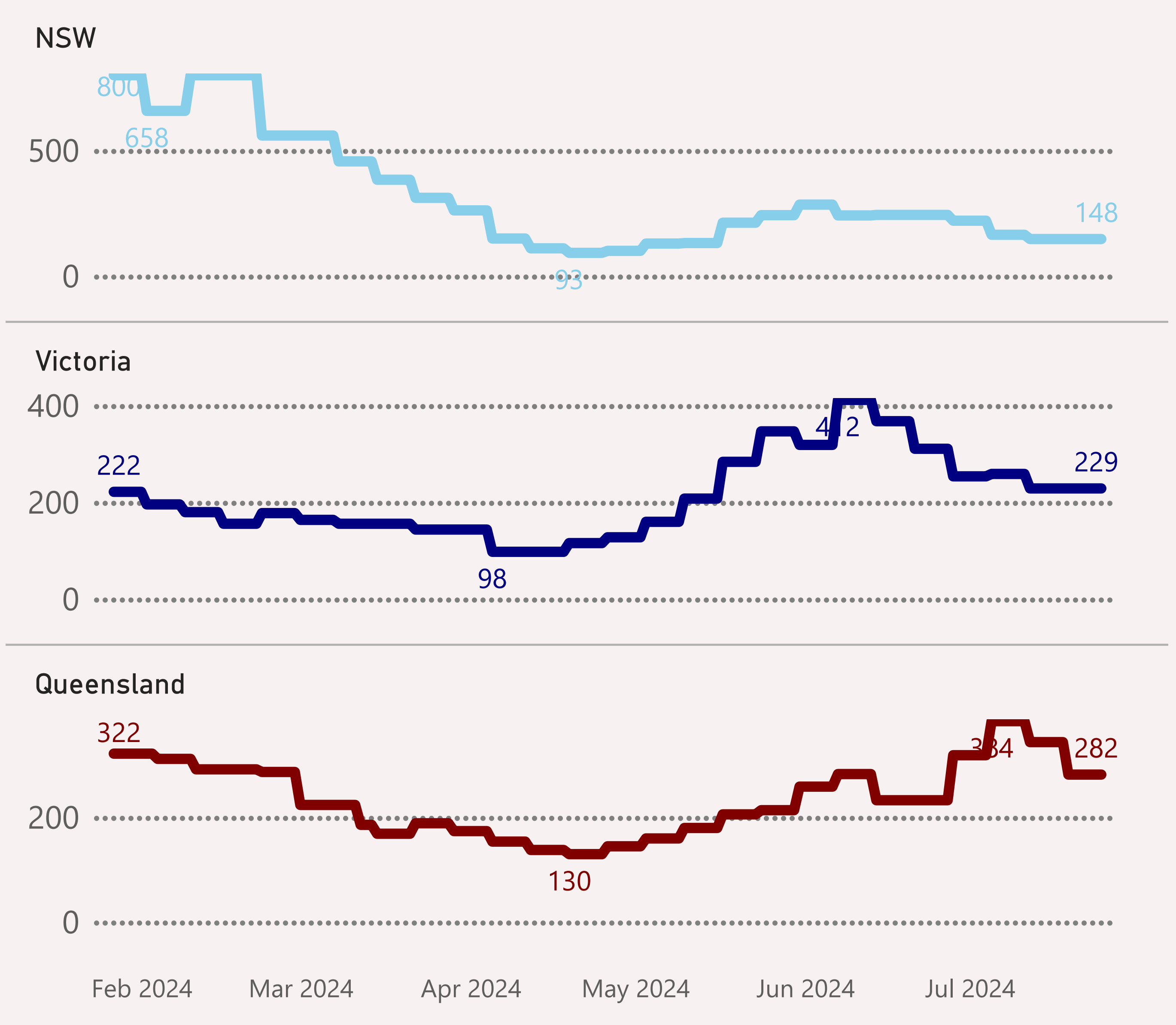
- Starting from the [Kirby seroprevalence surveys](#):
1. Between Round 1 (17%) and 2 (46%), seroprevalence increased by 29%
  2. I adjust that by +20% to account for the limits of seroprevalence testing (which maxes out around 80%) = 35% infected
  3. 35% of the Australian population of ~26M = 9M
  4. Between the end date for Round 1 (23 Feb - 3 Mar 2022) and Round 2 (9 - 18 Jun 2022), around 22,500 Aged Care Staff cases were reported for Australia
  5. Therefore, each Aged Care Staff Case represents ~400 infections in the broader population (9M / 22,500 = 400)

The last 6 months are shown. A median Infectious Period of 10 days is used to get from daily cases to the percentage Currently Infectious.

The estimated total number of people infected across that period is calculated, both as a % of the Australian population and as the number of people. This ignores re-infections during the period, which are less likely over a 6-month window.

From: 27 January 2024 to 25 July 2024

# Hospitalised



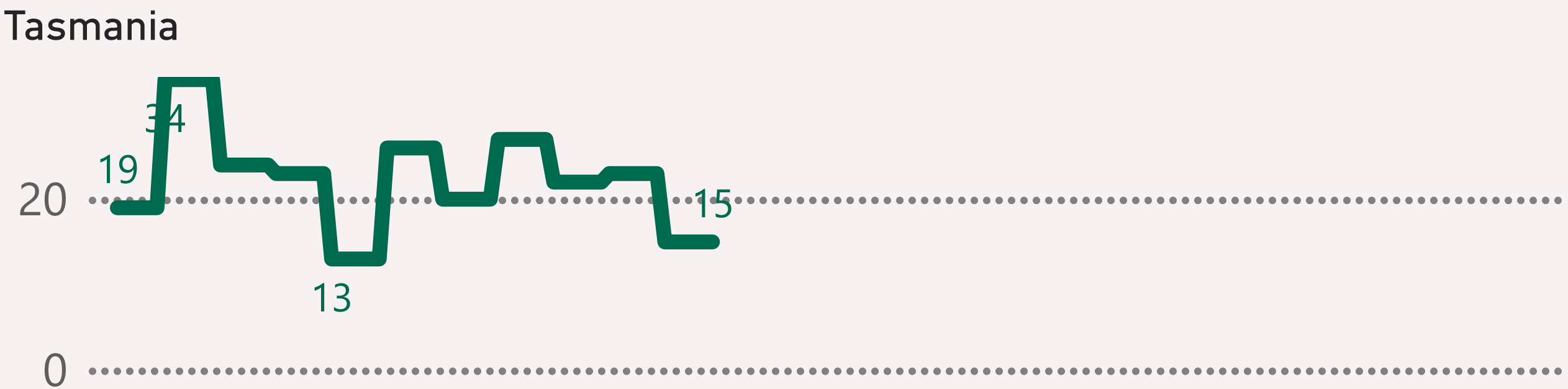
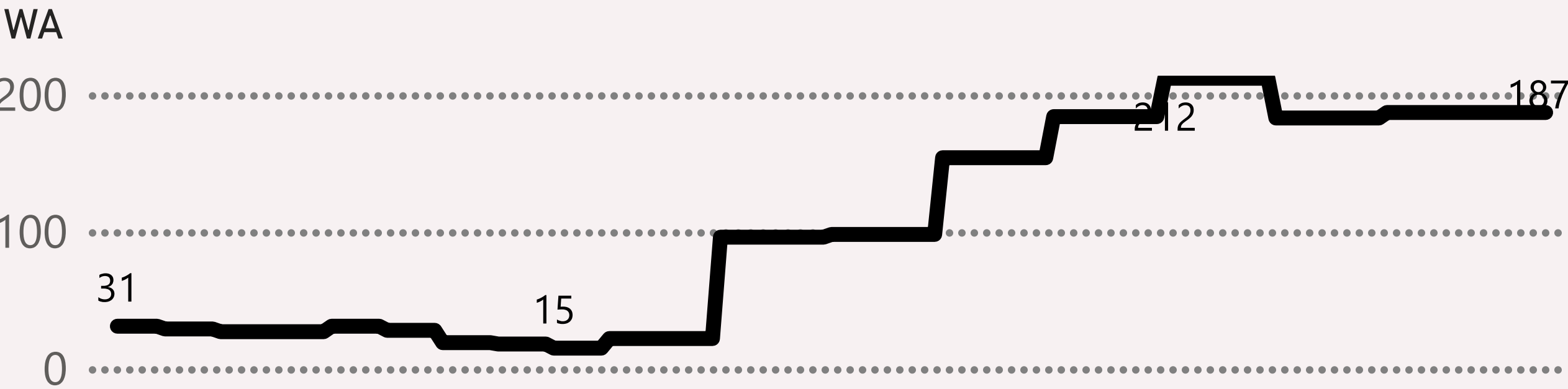
This page shows the trends in hospitalised cases for NSW, Victoria and Queensland.

Each state uses different criteria to collect this data, so direct comparisons are not informative. Generally, they represent the level of cases in hospital with COVID-19.

The last 6 months are shown.

From: 27 January 2024 to 25 July 2024

# Hospitalised



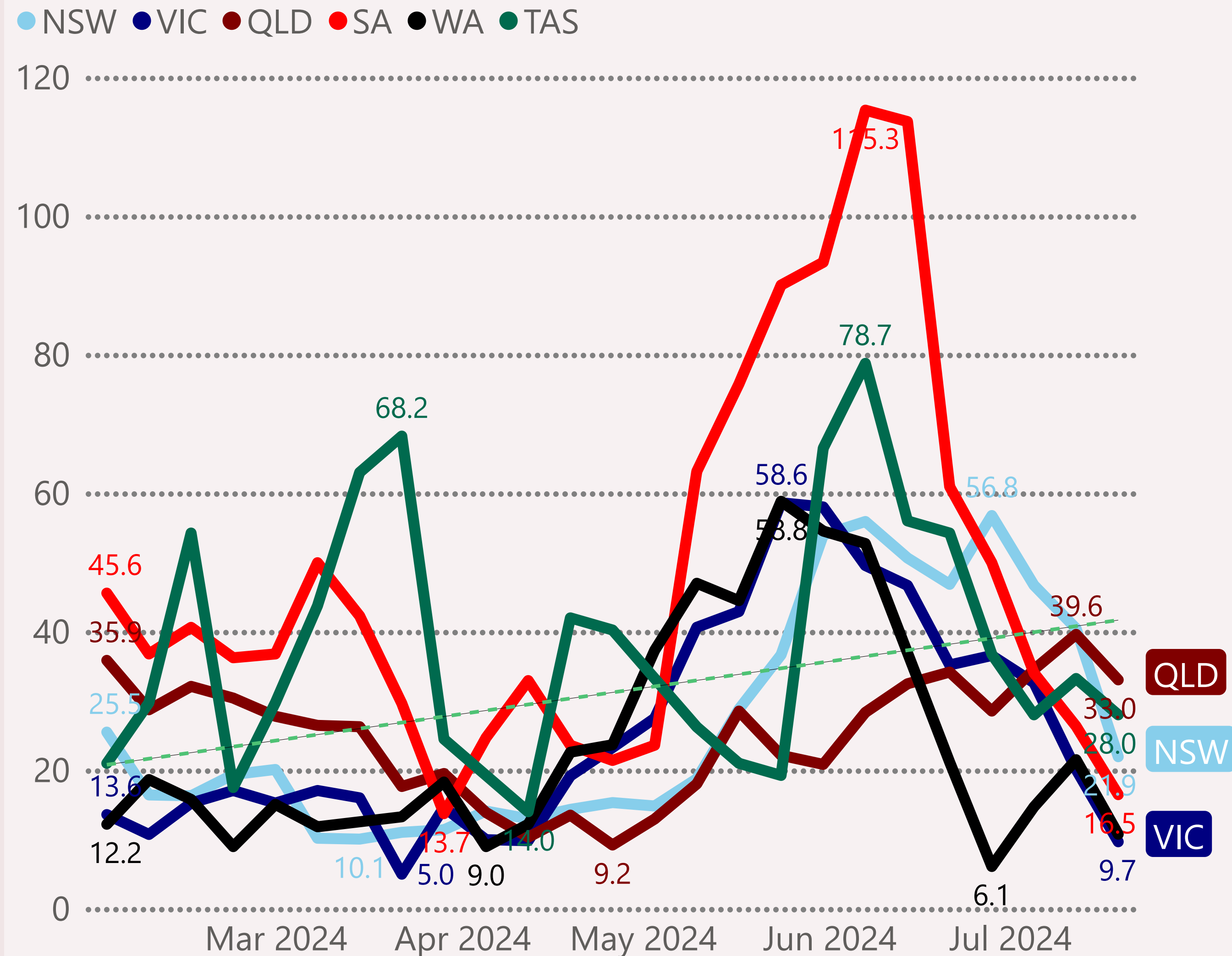
This page shows the trends in hospitalised cases for South Australia, Western Australia and Tasmania.

Each state uses different criteria to collect this data, so direct comparisons are not informative. Generally, they represent the level of cases in hospital with COVID-19.

The last 6 months are shown.

From: 2 February 2024 to 19 July 2024

## # Aged Care Active Staff Cases (Weekly) per 1M



This page shows Aged Care Active Staff cases for all states. These are probably one of the closest proxies available for infection levels, due to higher testing levels in this cohort.

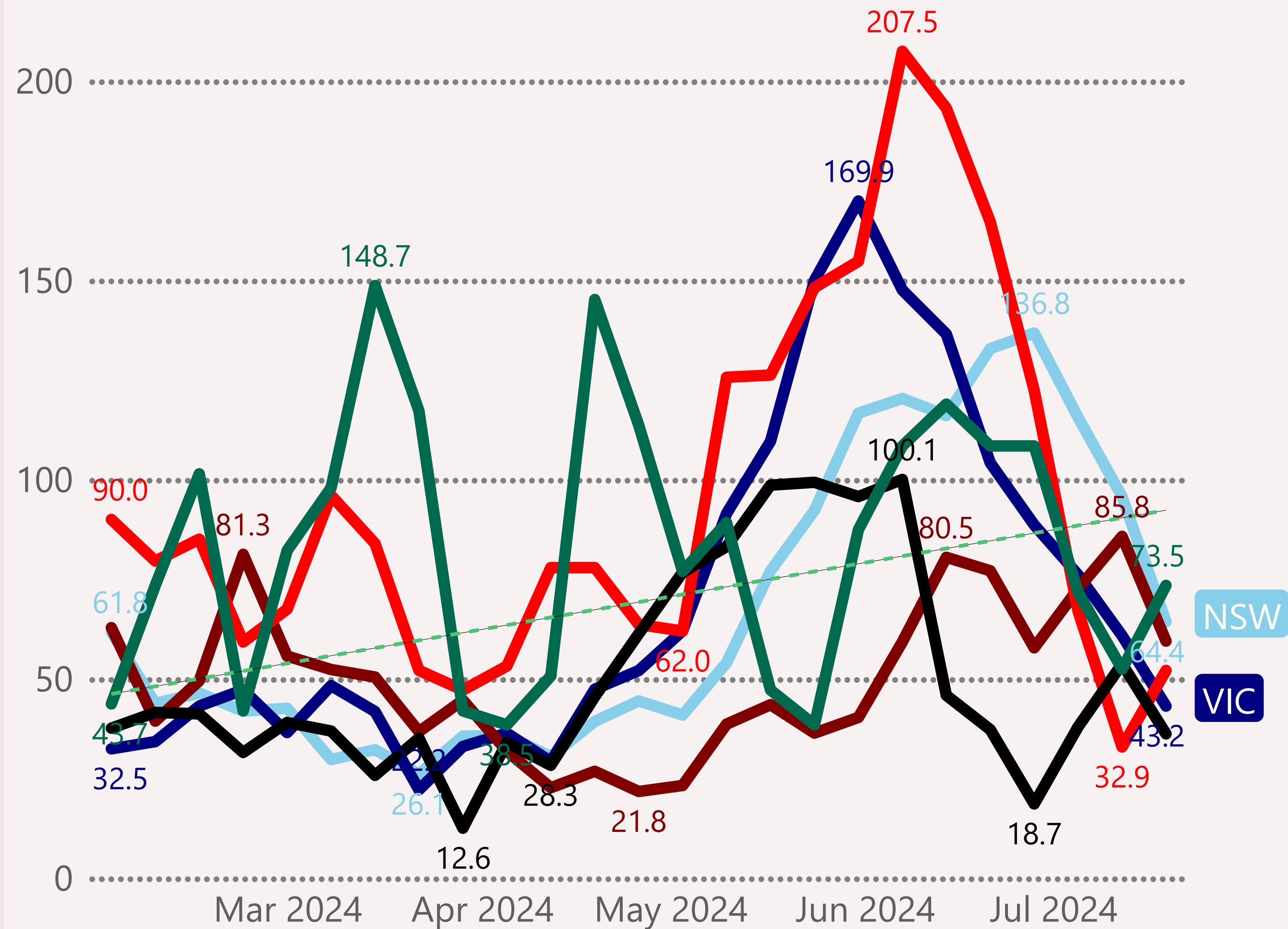
They are shown on a per-capita basis: active cases per 1 million population, to help compare infection rates.

The last 6 months are shown.

From: 2 February 2024 to 19 July 2024

## # Aged Care Active Resident Cases (Weekly) per 1M

● NSW ● VIC ● QLD ● SA ● WA ● TAS



This page shows Aged Care Active Resident cases for all states.

They are shown on a per-capita basis: active cases per 1 million population, to help compare infection rates.

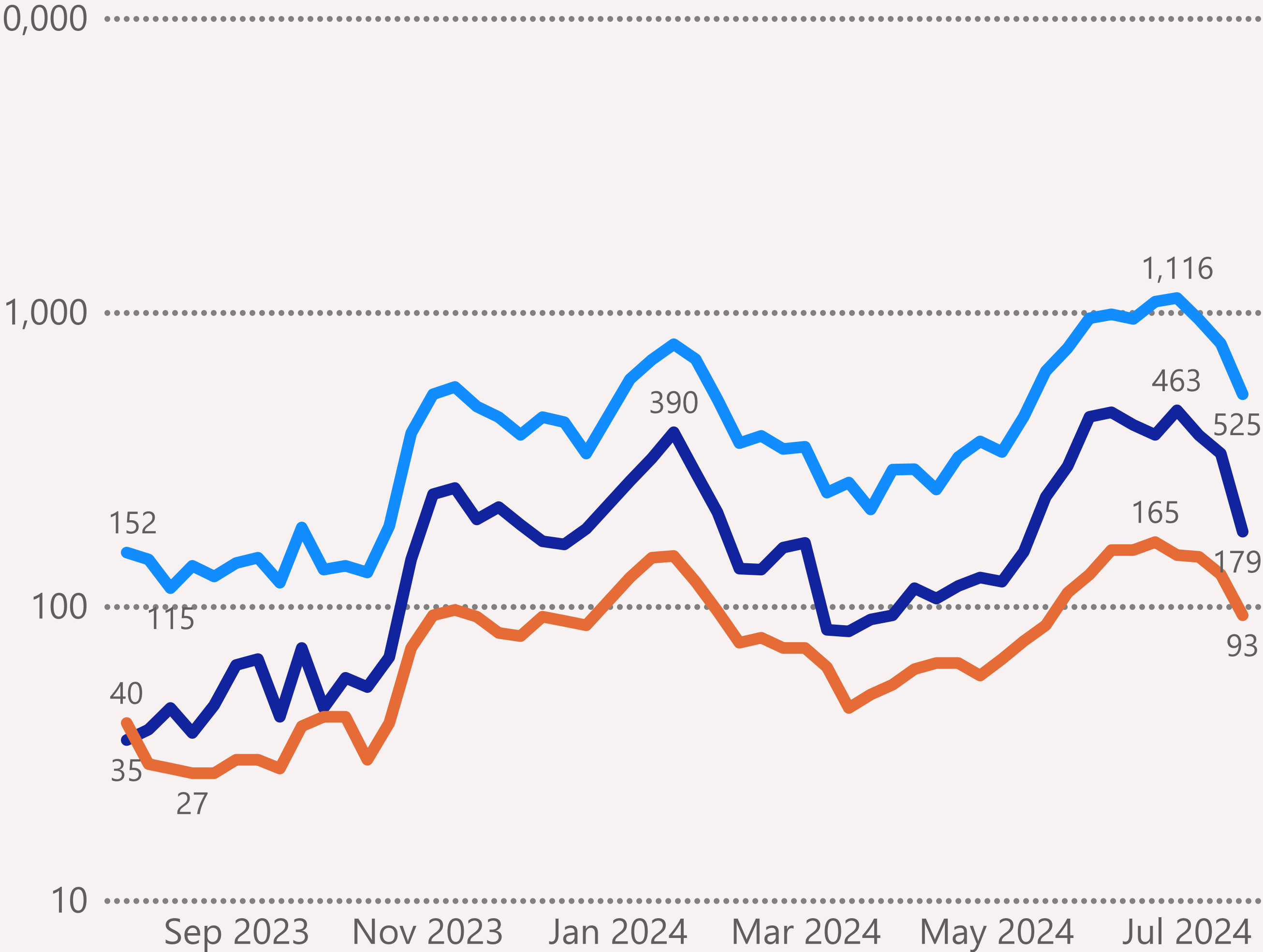
The last 6 months are shown.



From: 28 July 2023 to 19 July 2024

New South Wales

# Aged Care Active Resident Cases (... # Aged Care Active Staff ... # Aged Care Outbre...



This page shows Aged Care Active Resident & Staff Cases, plus the number of Aged Care Facilities with Outbreaks, for New South Wales.

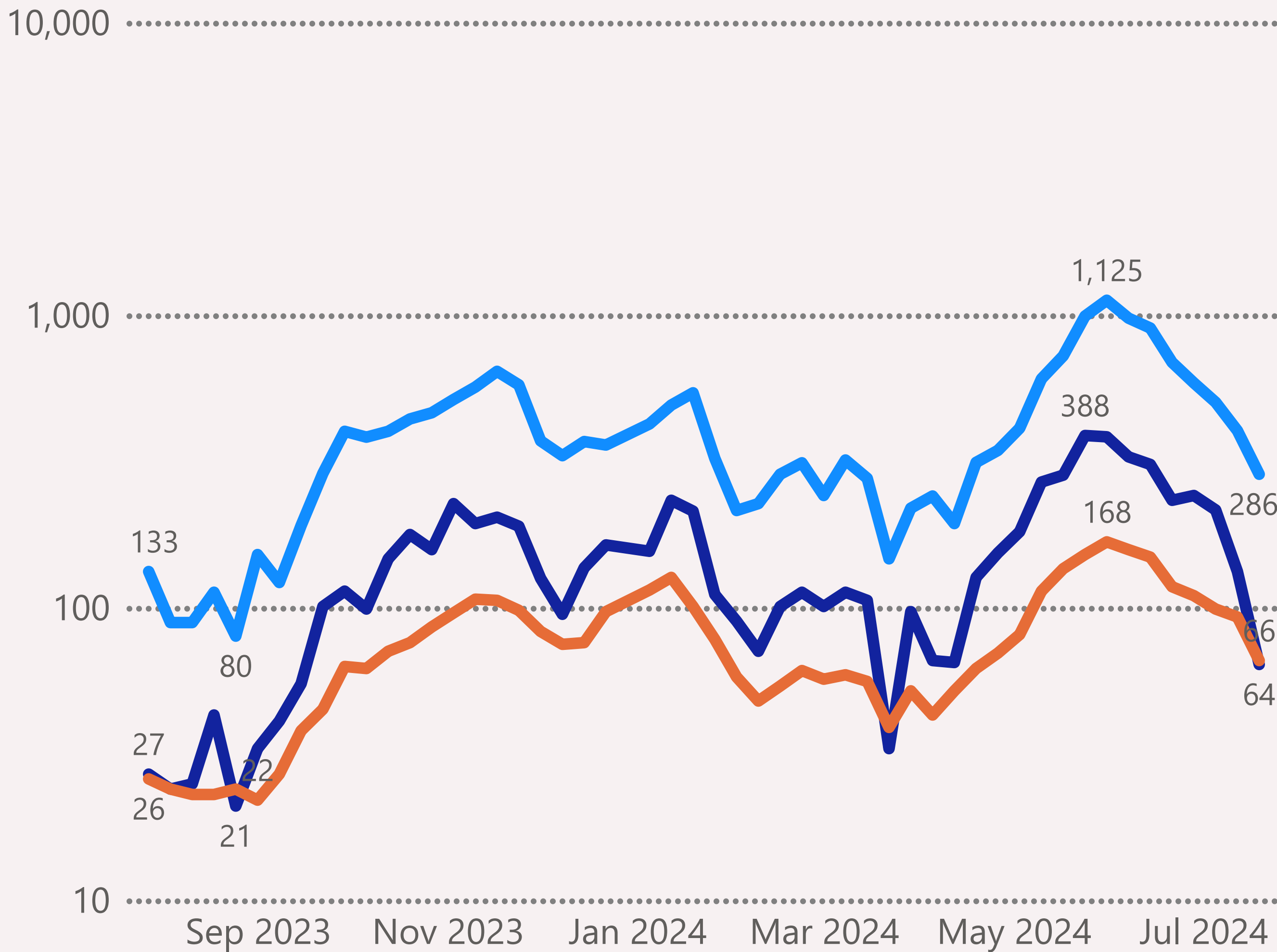
The last 12 months are shown.

A log scale is used, to allow the comparison of the trends in metrics with a differing basis.

From: 28 July 2023 to 19 July 2024

Victoria

# Aged Care Active Resident Cases (... # Aged Care Active Staff ... # Aged Care Outbre...



This page shows Aged Care Active Resident & Staff Cases, plus the number of Aged Care Facilities with Outbreaks, for Victoria.

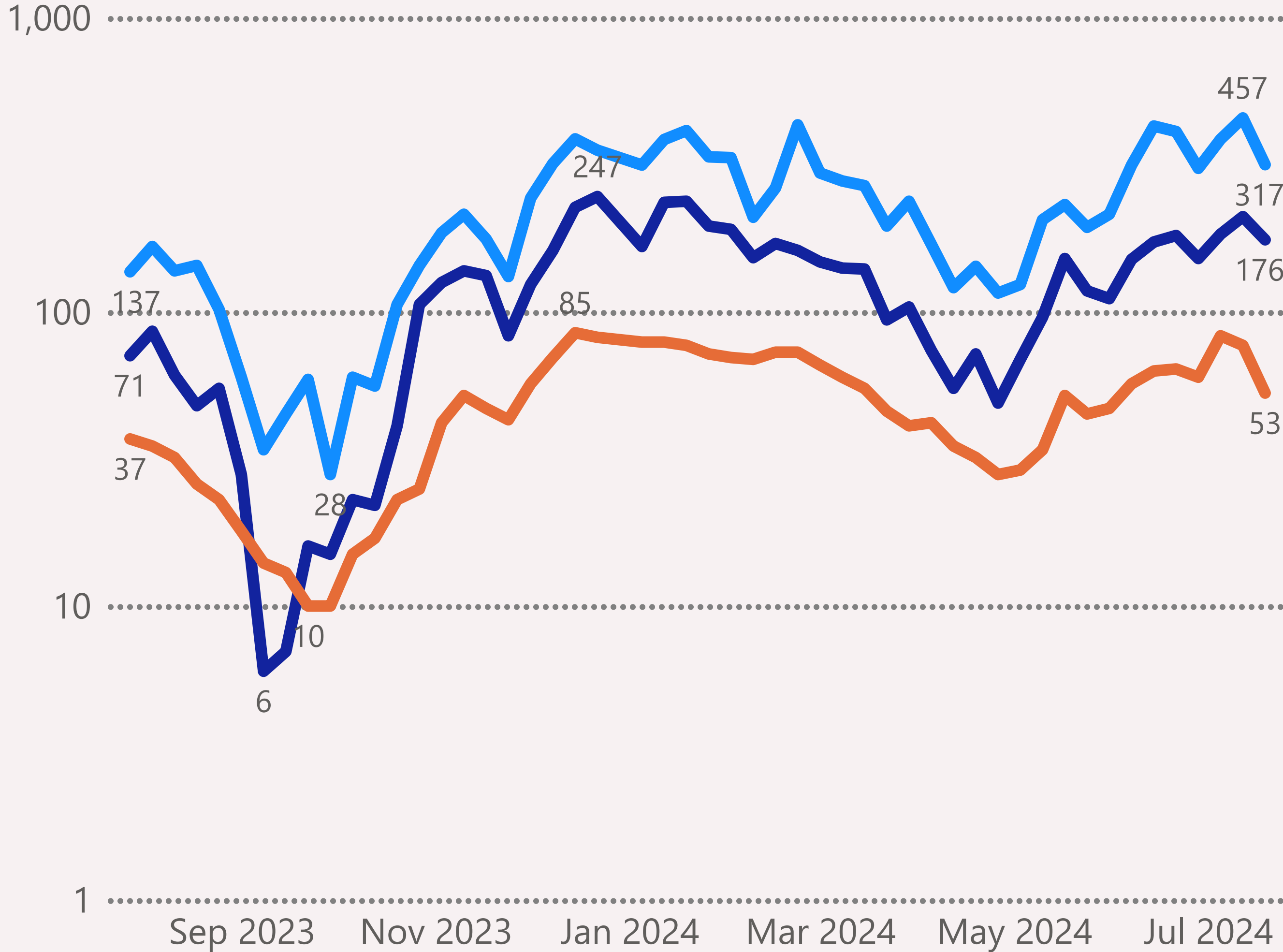
The last 12 months are shown.

A log scale is used, to allow the comparison of the trends in metrics with a differing basis.

From: 28 July 2023 to 19 July 2024

Queensland

# Aged Care Active Resident Cases (... # Aged Care Active Staff ... # Aged Care Outbre...



This page shows Aged Care Active Resident & Staff Cases, plus the number of Aged Care Facilities with Outbreaks, for Queensland.

The last 12 months are shown.

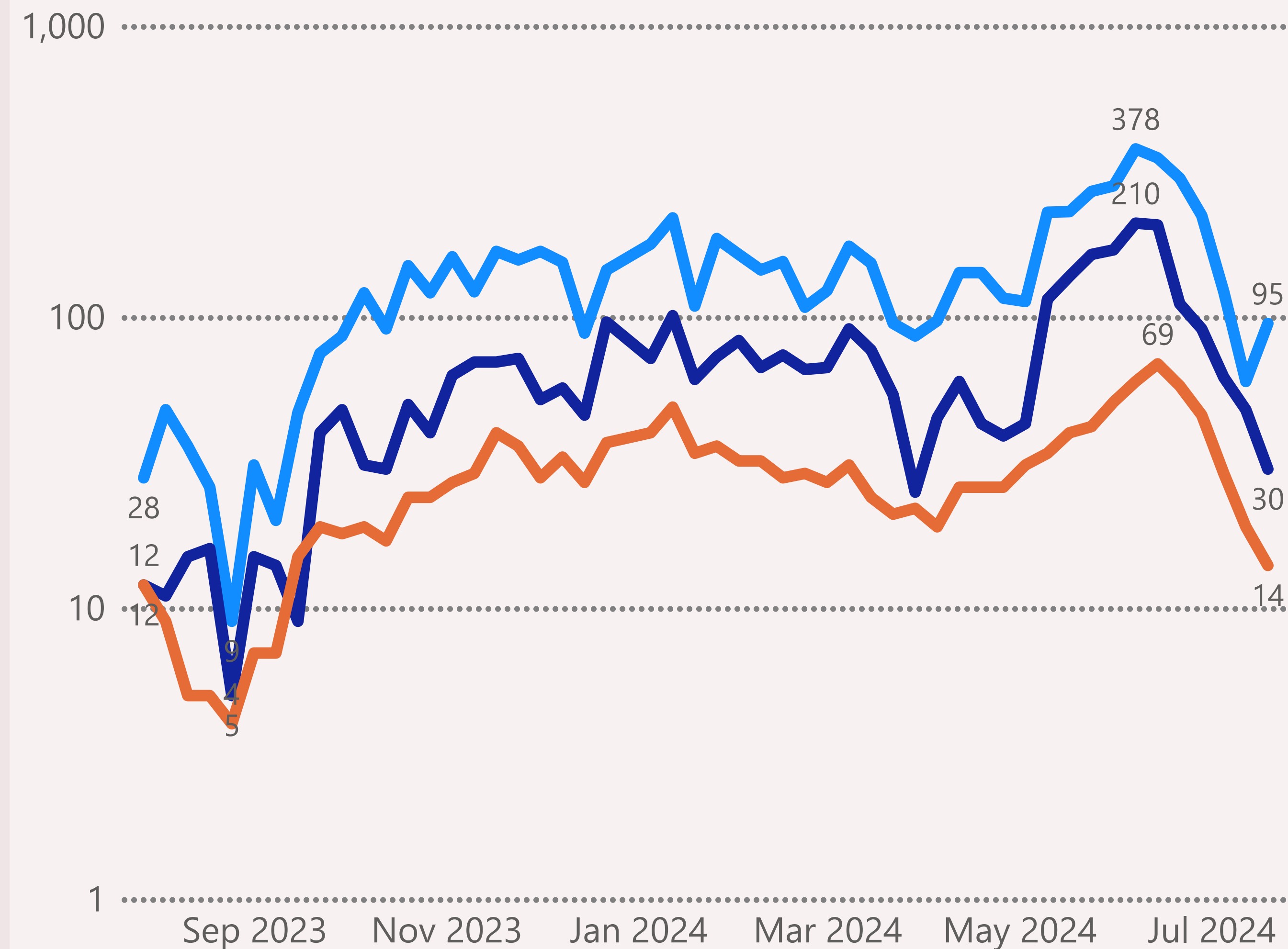
A log scale is used, to allow the comparison of the trends in metrics with a differing basis.



From: 28 July 2023 to 19 July 2024

## South Australia

● # Aged Care Active Resident Cases (...) ● # Aged Care Active Staff ... ● # Aged Care Outbre...



This page shows Aged Care Active Resident & Staff Cases, plus the number of Aged Care Facilities with Outbreaks, for South Australia.

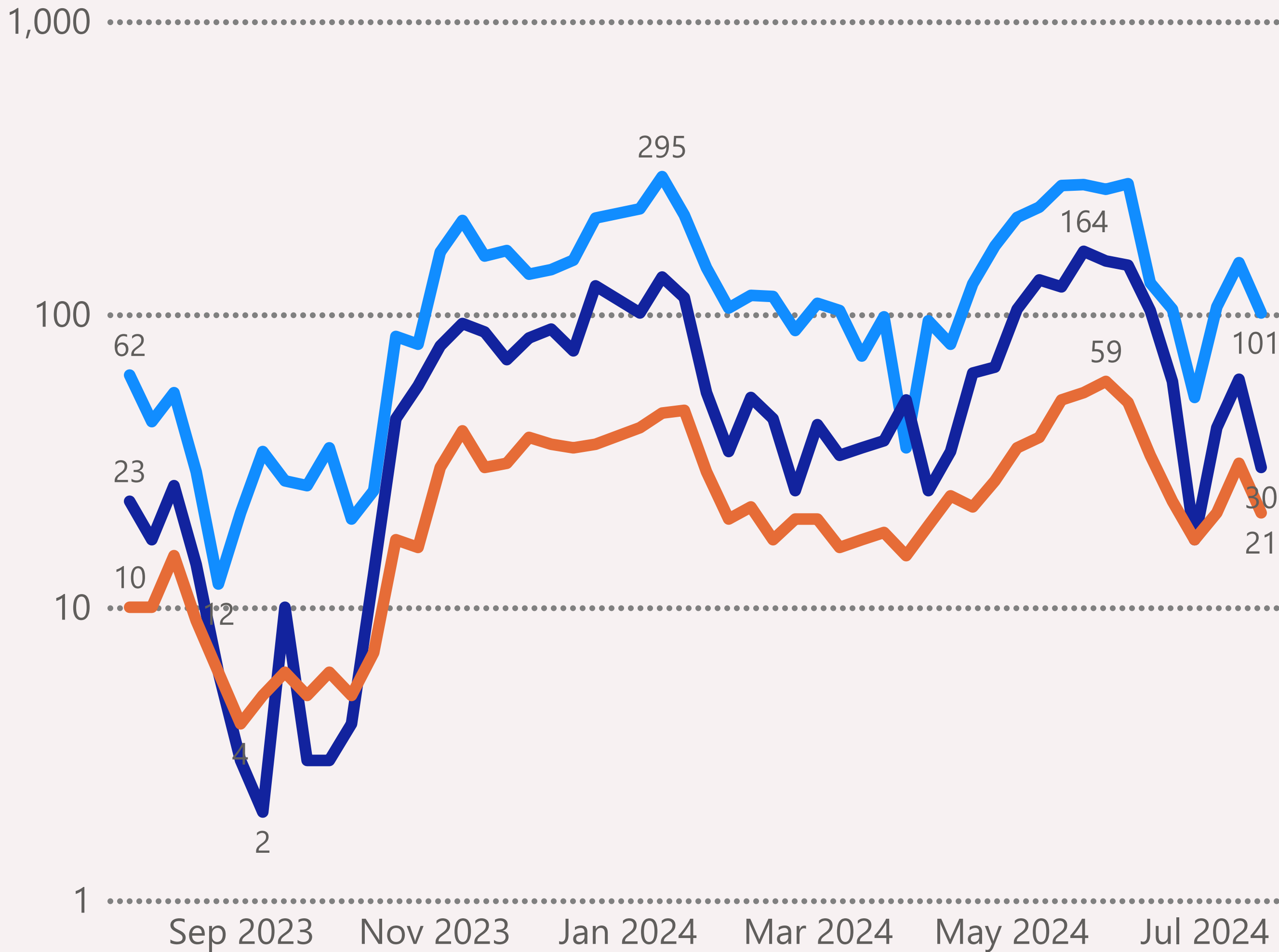
The last 12 months are shown.

A log scale is used, to allow the comparison of the trends in metrics with a differing basis.

From: 28 July 2023 to 19 July 2024

Western Australia

# Aged Care Active Resident Cases (... # Aged Care Active Staff ... # Aged Care Outbre...



This page shows Aged Care Active Resident & Staff Cases, plus the number of Aged Care Facilities with Outbreaks, for Western Australia.

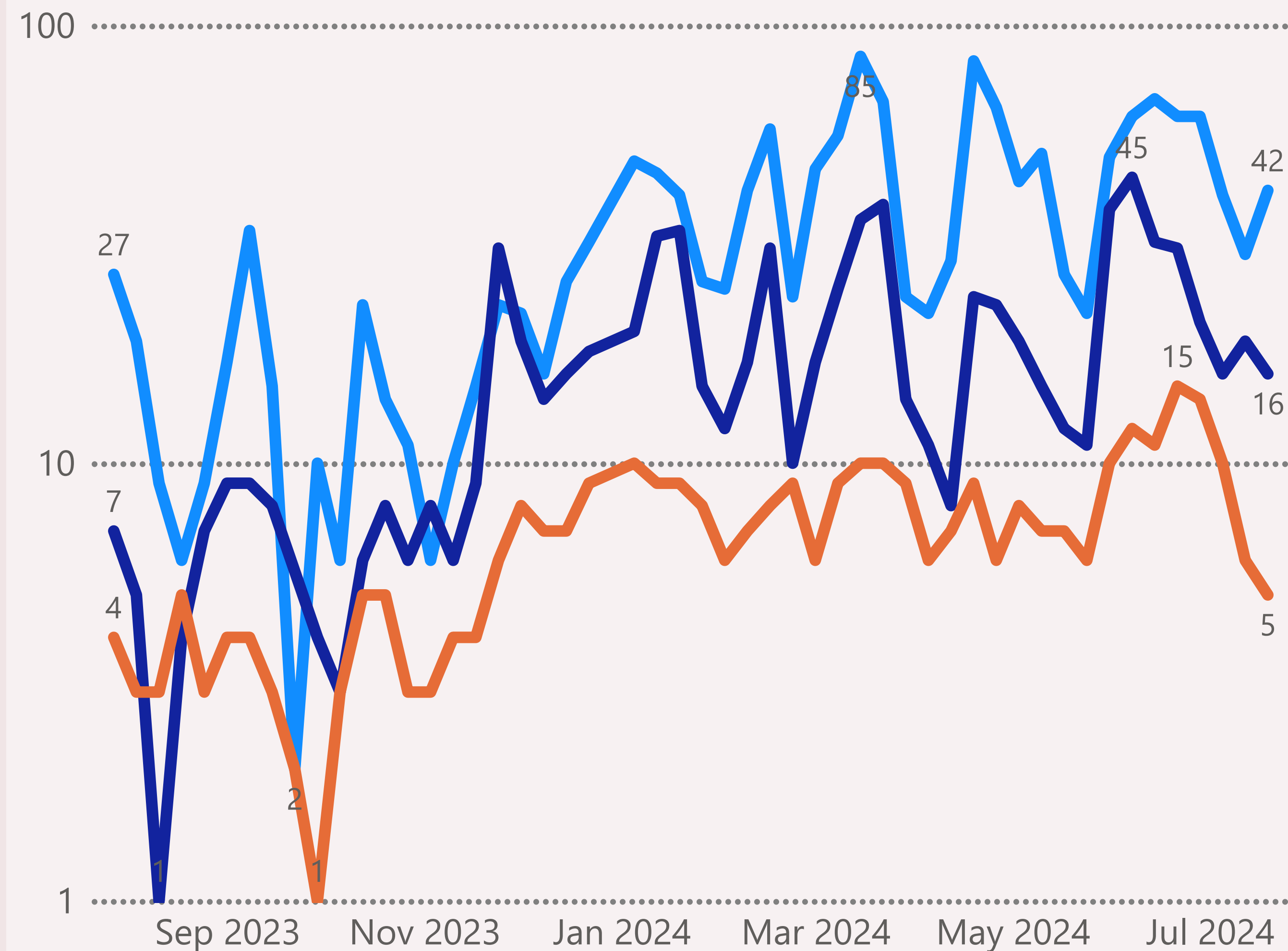
The last 12 months are shown.

A log scale is used, to allow the comparison of the trends in metrics with a differing basis.

From: 28 July 2023 to 19 July 2024

## Tasmania

● # Aged Care Active Resident Cases (...) ● # Aged Care Active Staff ... ● # Aged Care Outbre...



This page shows Aged Care Active Resident & Staff Cases, plus the number of Aged Care Facilities with Outbreaks, for Tasmania.

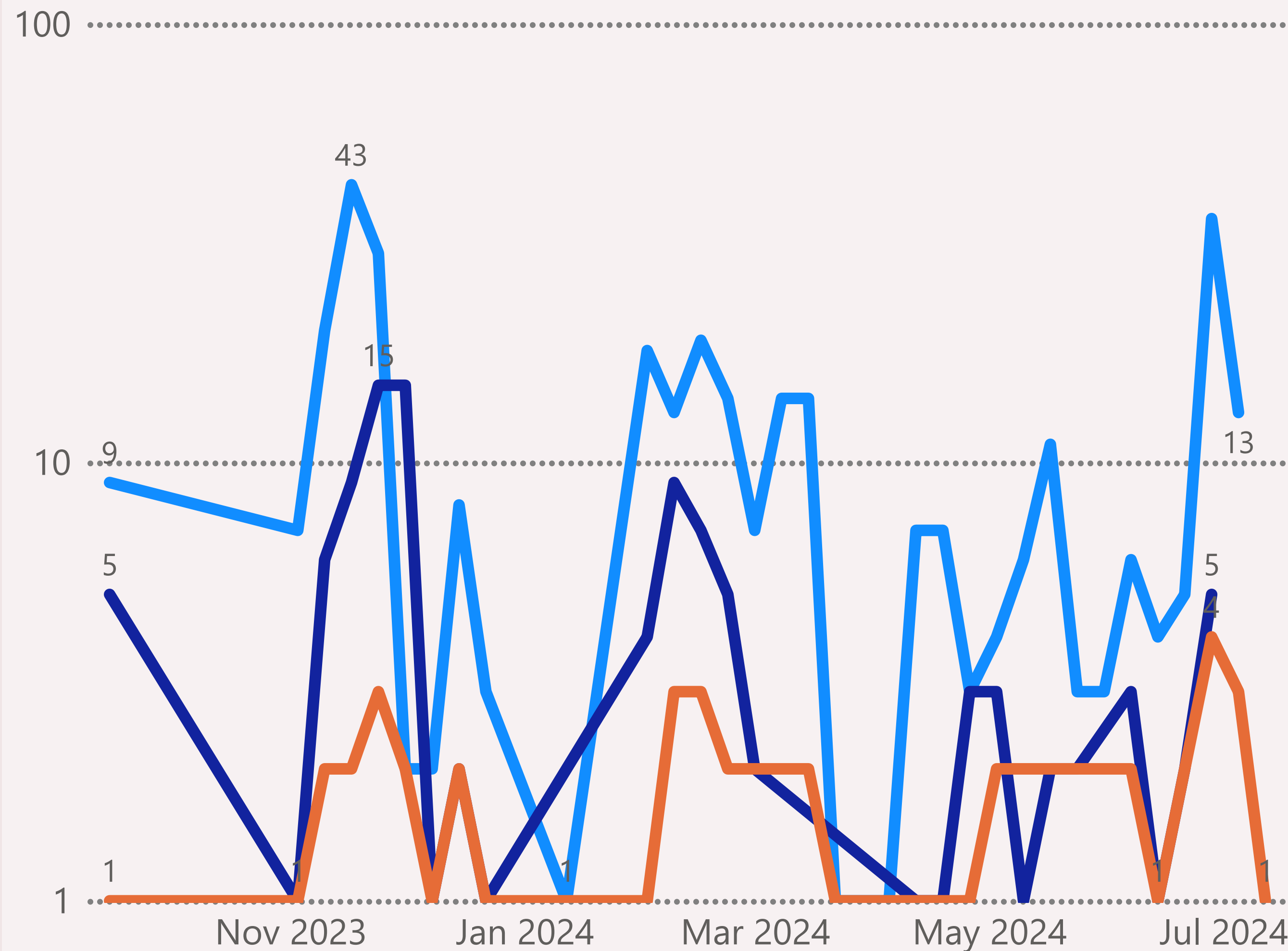
The last 12 months are shown.

A log scale is used, to allow the comparison of the trends in metrics with a differing basis.

From: 15 September 2023 to 12 July 2024

## Northern Territory

● # Aged Care Active Resident Cases (...) ● # Aged Care Active Staff ... ● # Aged Care Outbre...

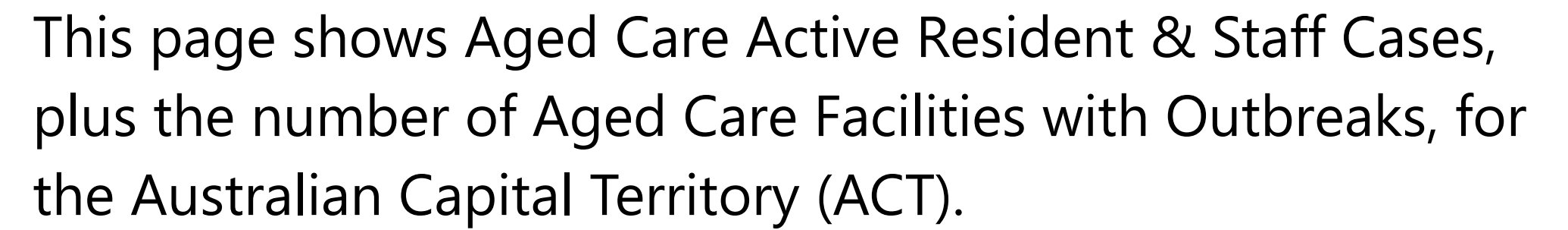


This page shows Aged Care Active Resident & Staff Cases, plus the number of Aged Care Facilities with Outbreaks, for the Northern Territory (NT).

The last 12 months are shown.

A log scale is used, to allow the comparison of the trends in metrics with a differing basis.

● # Aged Care Active Resident Cases (n=100) ● # Aged Care Active Staff Cases (n=100) ● # Aged Care Outbreaks (n=100)



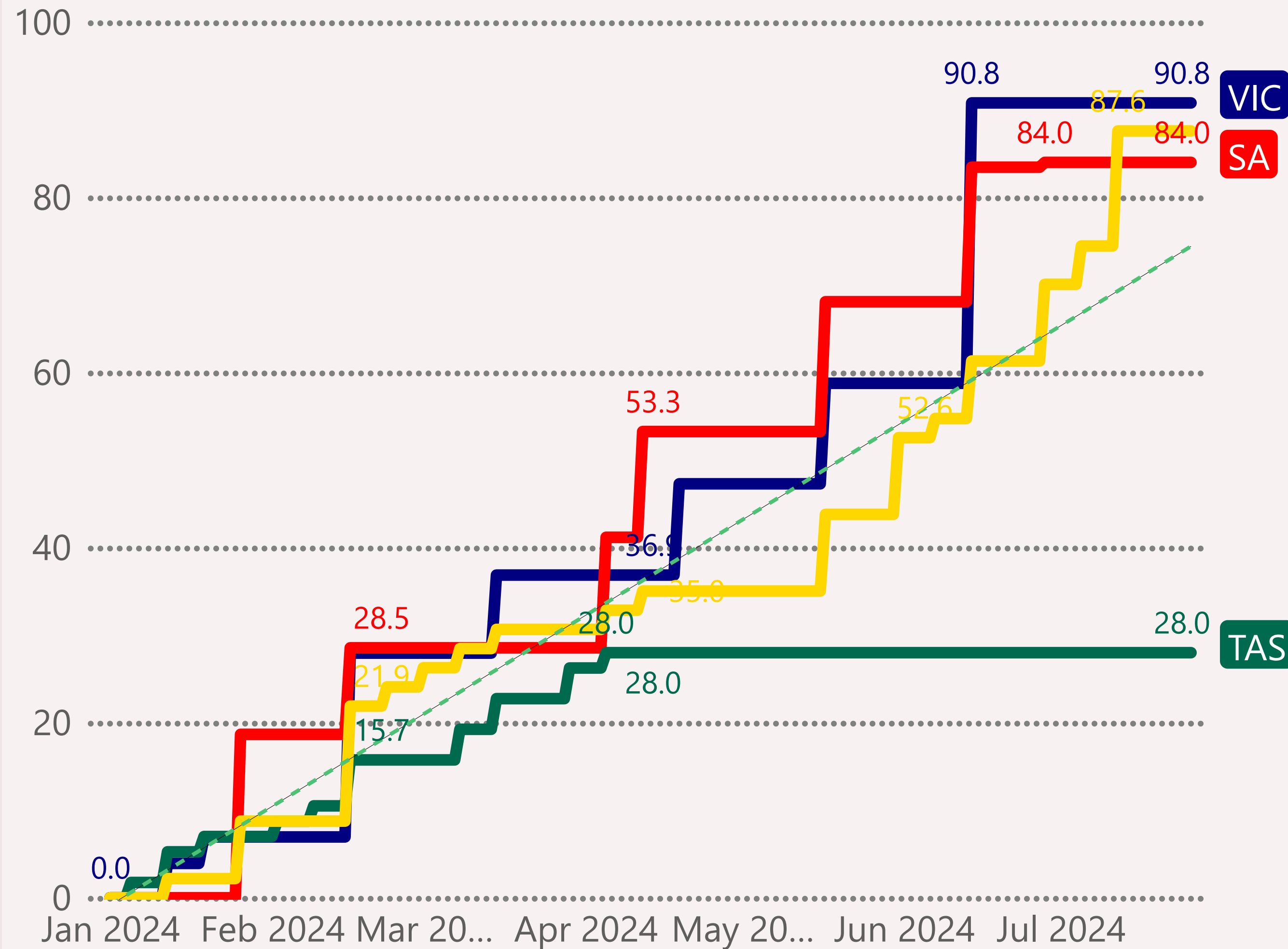
A log scale is used, to allow the comparison of the trends in metrics with a differing basis.



From: 5 January 2024 to 26 July 2024

## # Deaths per 1M (Cumulative)

● VIC ● SA ● TAS ● ACT



This page shows cumulative deaths for the states & territories that still report deaths, currently: Victoria, South Australia, Tasmania plus the ACT.

They are shown on a per-capita basis: cases per 1 million population, to help compare death rates.

There may be some differences in the criteria used by each state.

The data is only reported sporadically, so the cumulative presentation helps to standardise the analysis.

The current year is shown.