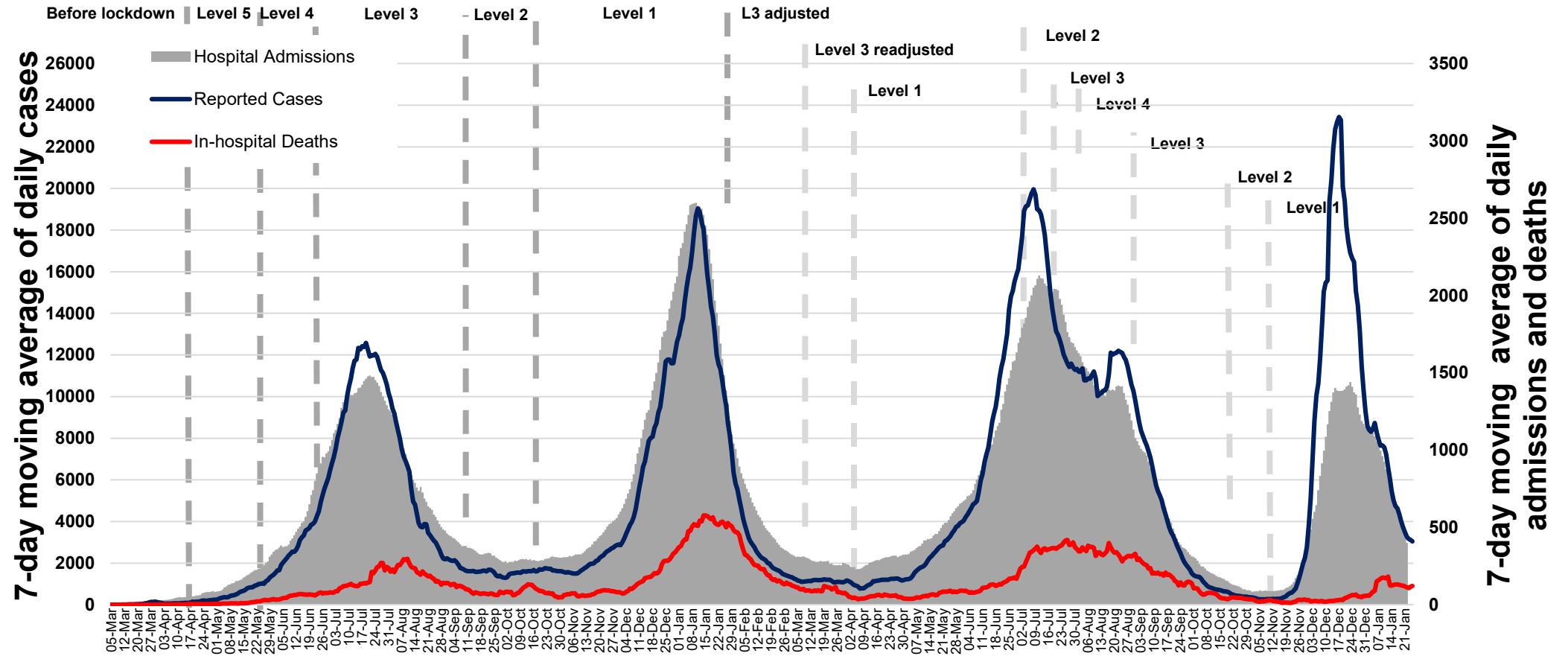


Covid-19 in South Africa

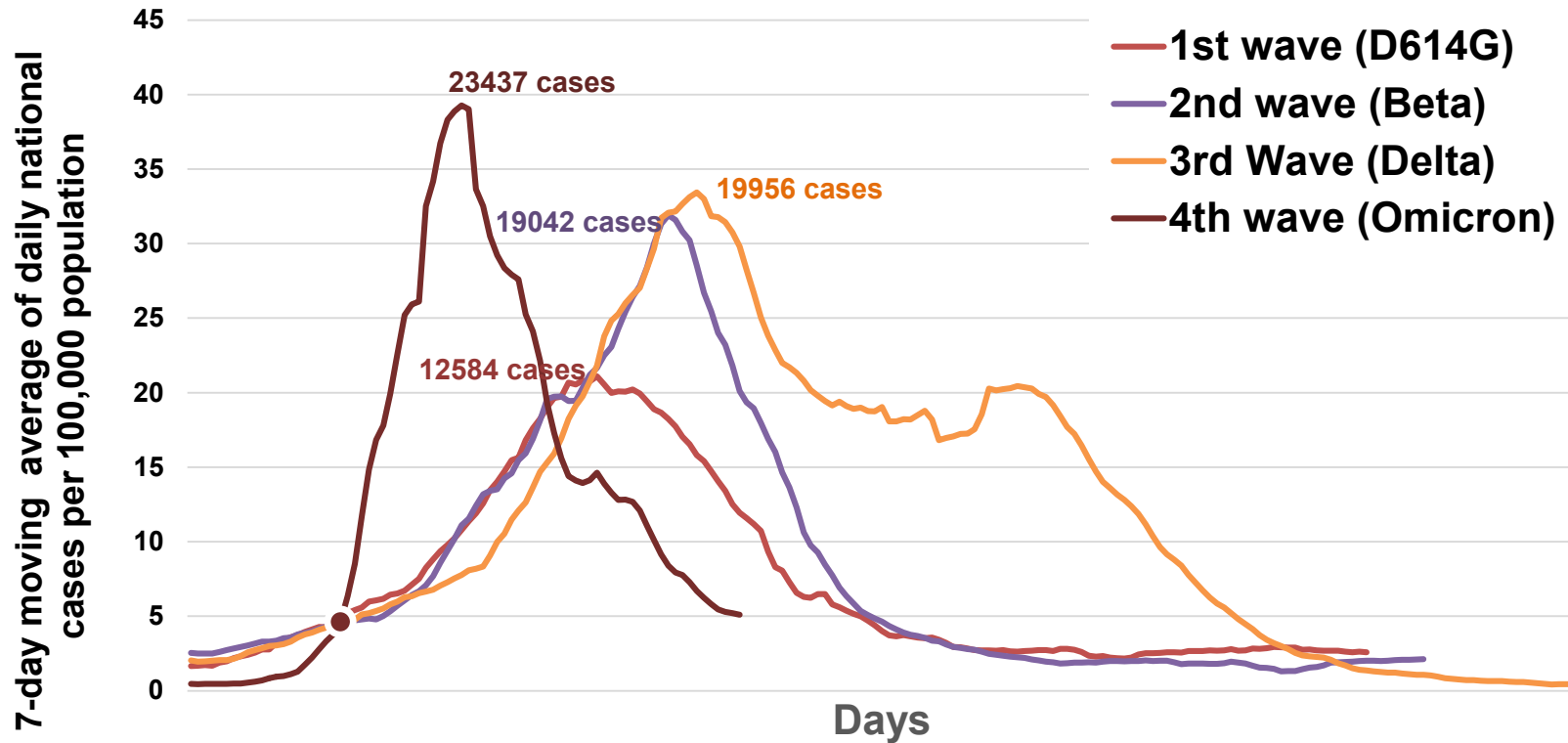
7-day moving average of new cases, hospital admissions and in-hospital Covid-19 up to - 25 January 2022



Source of hospital admissions data: Lucille Blumberg, Richard Welch and Waasila Jassat – DATCOV, NICD

SARS-Cov-2 cases in 1st, 2nd & 3rd and 4th waves: South Africa

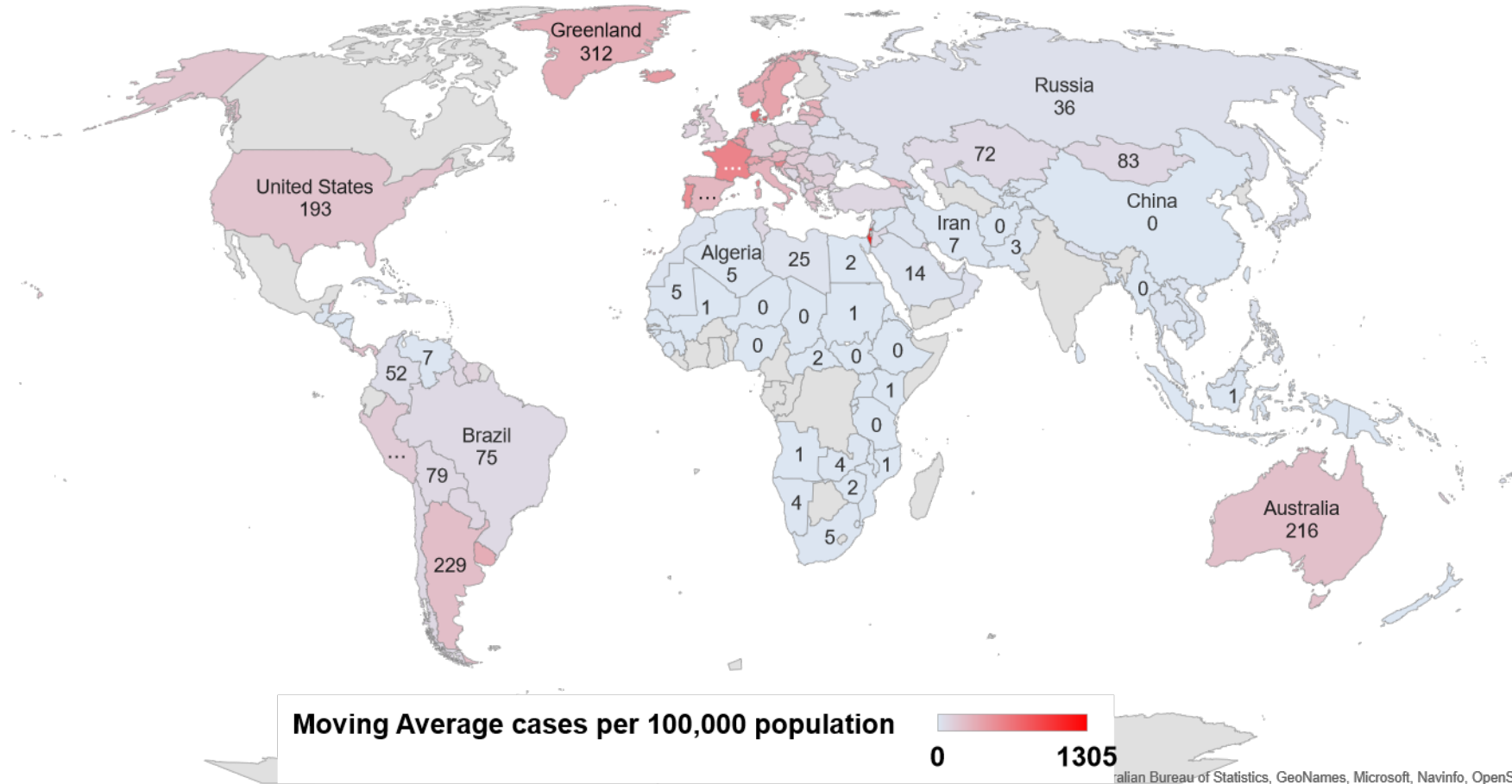
7-day moving average cases per 100,000 population up to – 25 January 2022



Data source: Department of Health; Analysis: Marothi LETSOALO; Ande MCHUNU

Global Covid-19 epidemic

7-day moving average cases per 100,000 population
up to - 25 January 2022

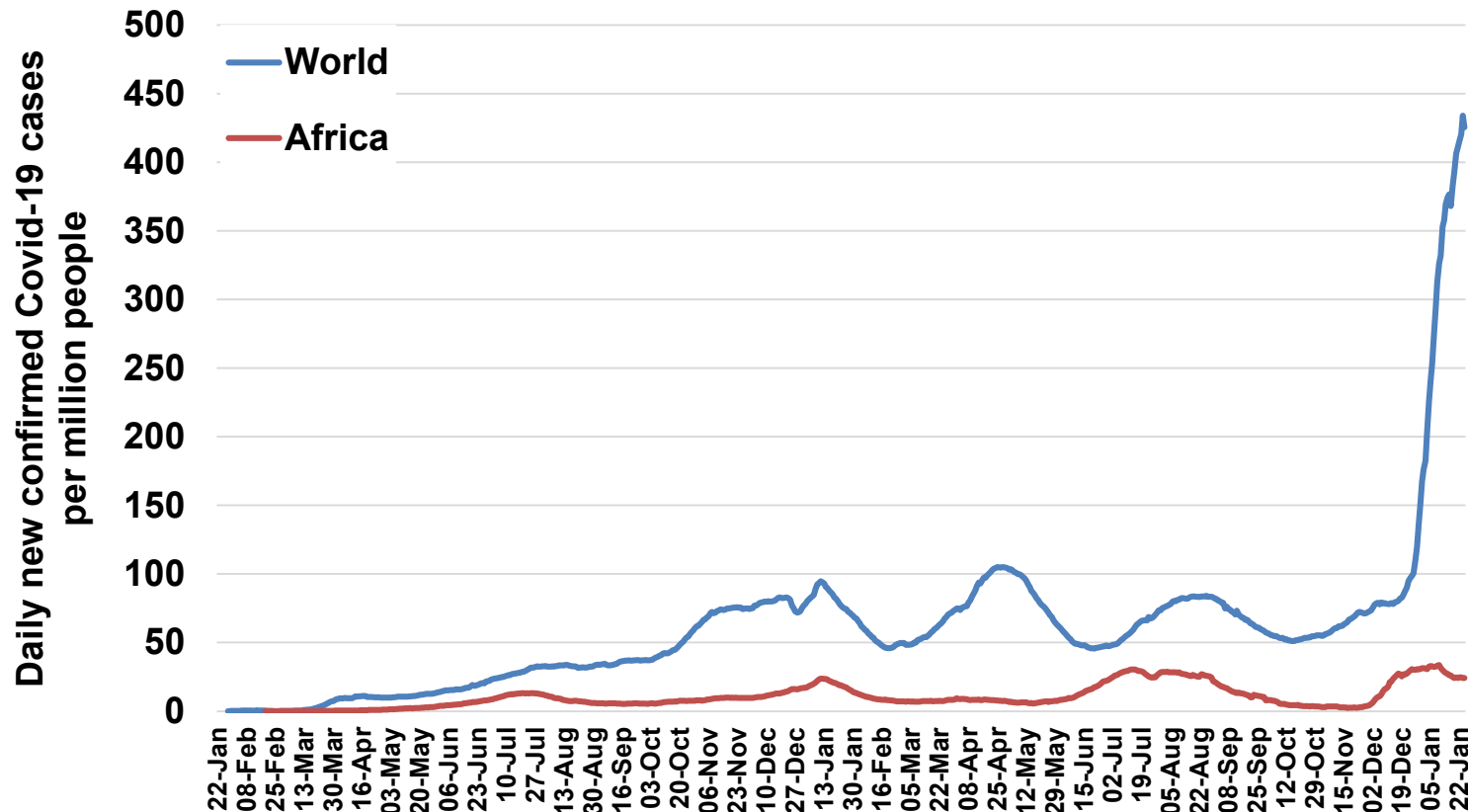


Source: Our World in Data

Covid-19 in Africa

Omicron variant drives 4th wave

up to – 25 January 2022



WORLD

* 358 million cumulative global case and 5.6 million deaths

AFRICA

* 10.6 million cumulative cases (3 % of global cases - 22 January 2020 up to 25 January 2022)

* 236403 deaths (CFR: 2.2%; ~4.2% of global deaths in 15% of world's)

Estimated effective reproduction rate (R) of Covid-19 in South Africa

up to – 25 January 2022

Estimate of the effective reproduction rate (R) of COVID-19

The reproduction rate represents the average number of new infections caused by a single infected individual. If the rate is greater than 1, the infection is able to spread in the population. If it is below 1, the number of cases occurring in the population will gradually decrease to zero.



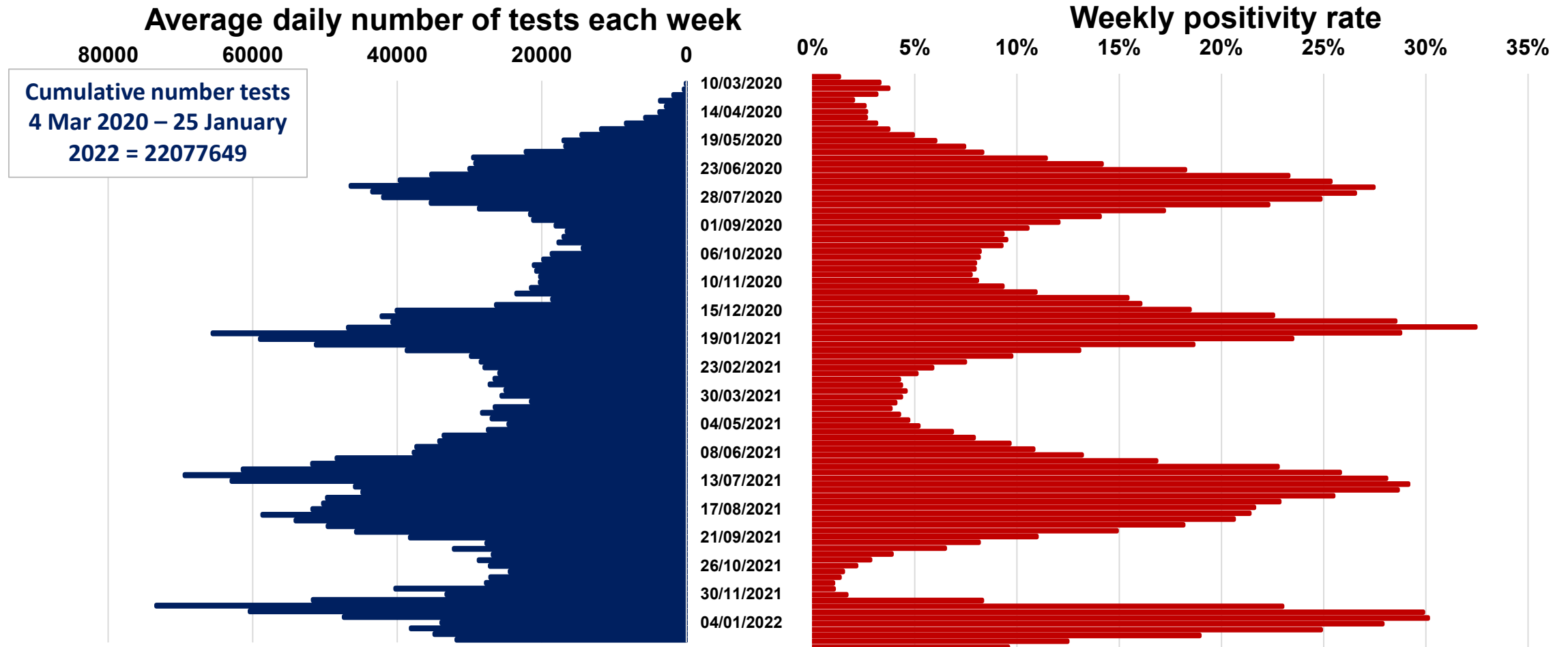
Source: Arroyo-Marioli F, Bullano F, Kucinskas S, Rondón-Moreno C (2021) Tracking R of COVID-19: A new real-time estimation using the Kalman filter. CC BY

Source: Our World in Data; data explorer; Johns Hopkins University [COVID-19 Dashboard](#)



Average daily tests and proportion of positive tests

up to – 25 January 2022

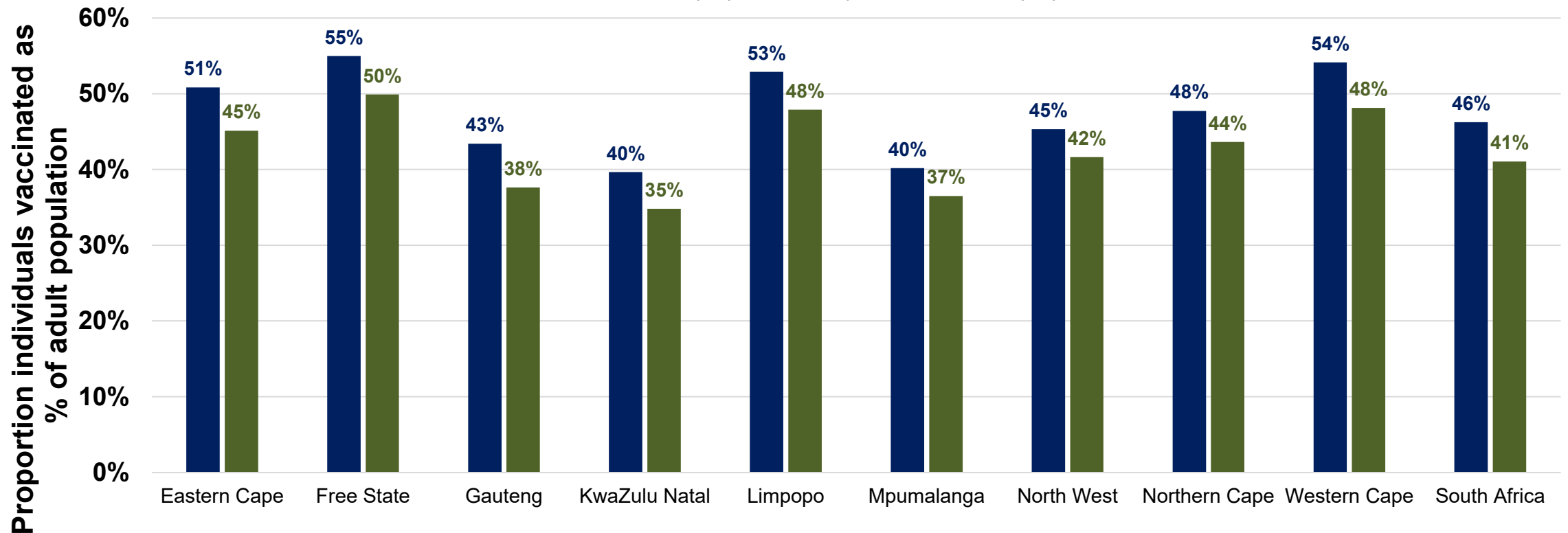


Data source: Department of Health

Proportion of individuals vaccinated as % of adult population

up to – 25 January 2022

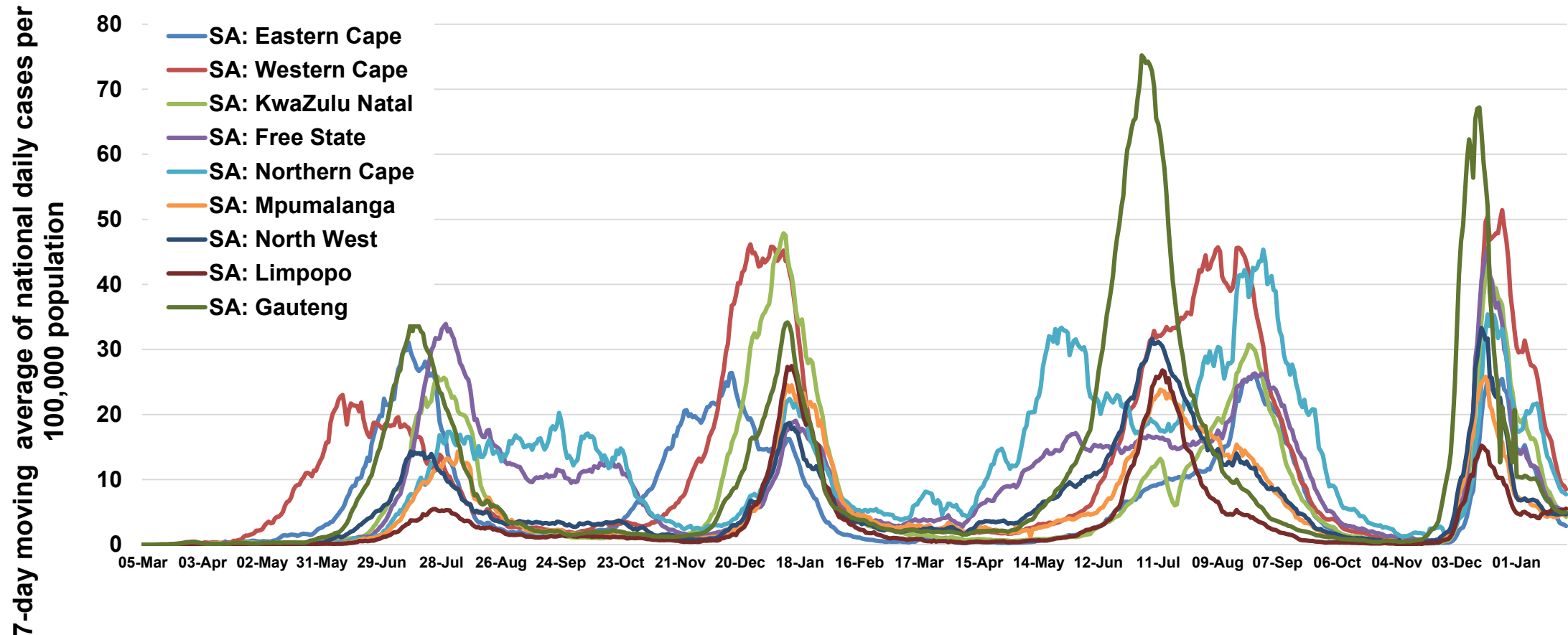
■ Vaccinated (%) ■ Fully vaccinated (%)



Source: Department of Health. <https://sacoronavirus.co.za/latest-vaccine-statistics/>

Confirmed SARS-Cov-2 cases by province

7-day moving average cases per 100,000 population
up to – 25 January 2022

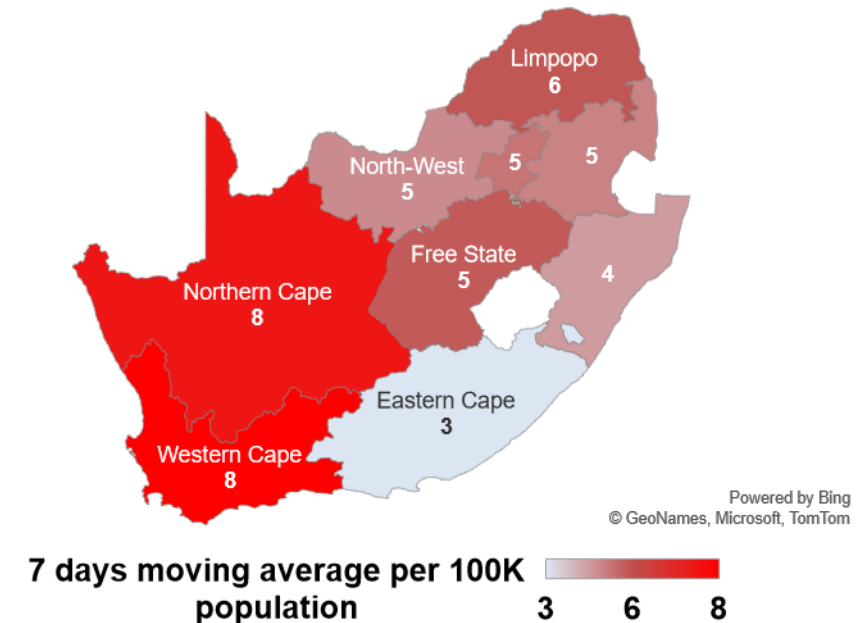


Data source: Department of Health; Analysis

Daily new cases over last 7 days/100,000

up to – 25 January 2022

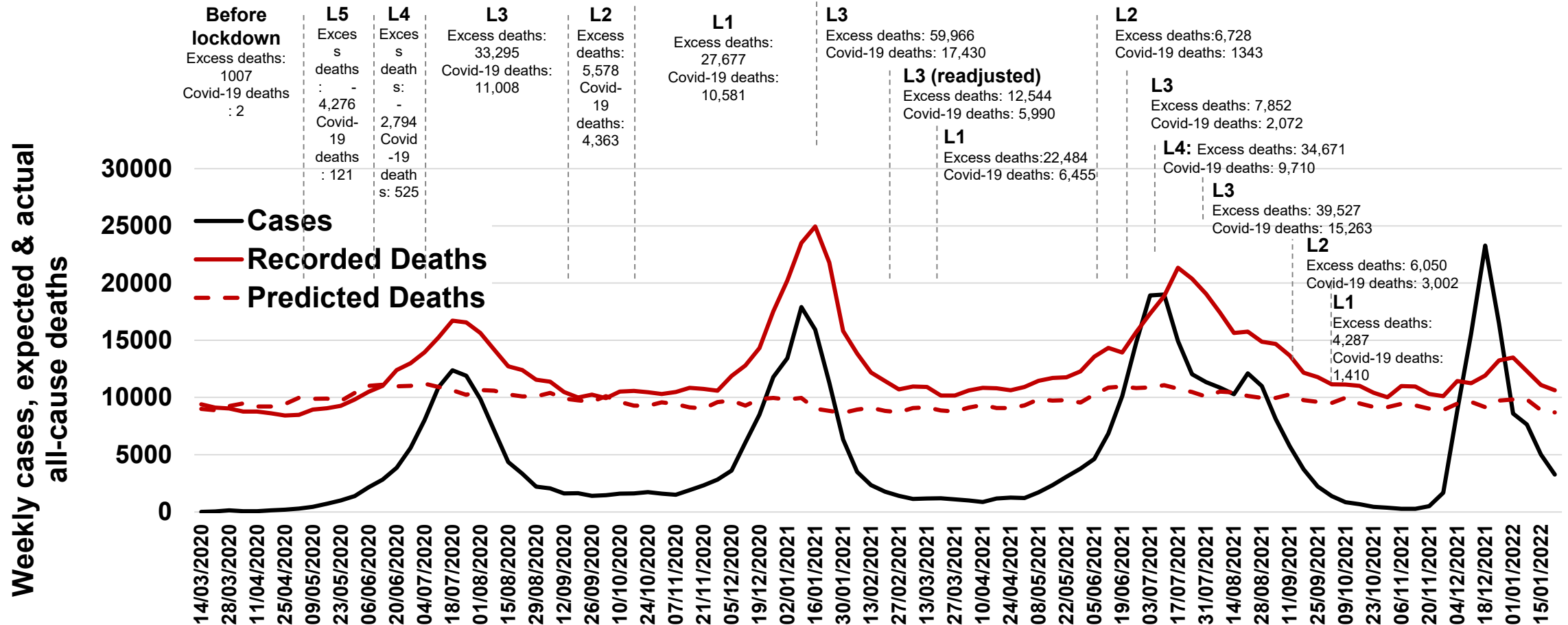
Province	Population per 100,000	7 Days Moving Average			Increase / Decrease	
		at 7 days back	Per 100K at 7 days back	at a day back		
Eastern Cape	67	347	5	192	3	-45%
Free State	29	168	6	160	5	-5%
Gauteng	155	872	6	772	5	-11%
KwaZulu Natal	115	766	7	492	4	-36%
Limpopo	59	330	6	323	6	-2%
Mpumalanga	47	200	4	220	5	10%
North West	41	196	5	187	5	-4%
Northern Cape	13	146	11	100	8	-32%
Western Cape	71	978	14	599	8	-39%
South Africa	597	4001	7	3044	5	-24%
Africa	13410	33372	2	33263	2	0%
World	77952	3091921	40	3349814	43	8%



Data source: Department of Health

Expected & actual all-cause deaths during Covid-19

up to – 22 January 2022

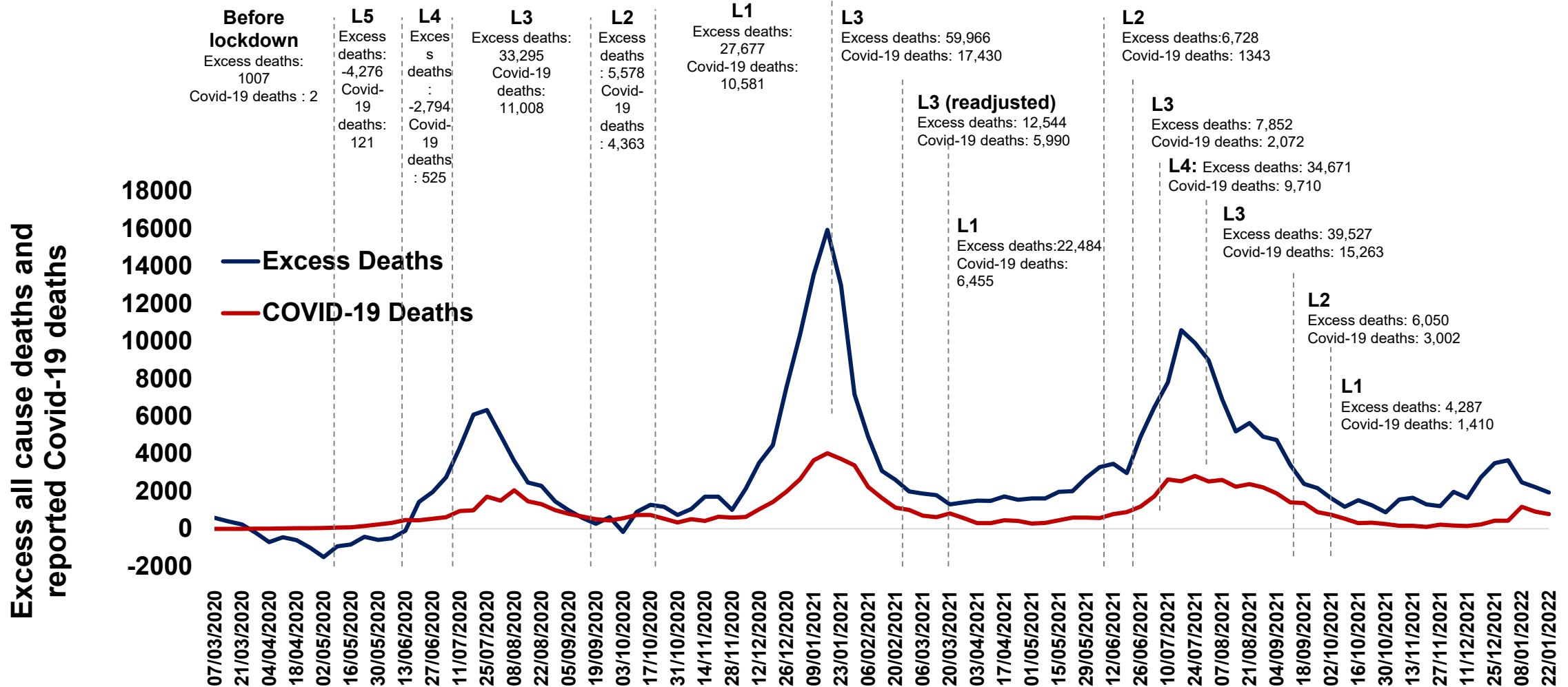


Source: Bradshaw D, et al



Weekly excess all cause deaths & reported Covid-19 deaths

up to – 22 January 2022

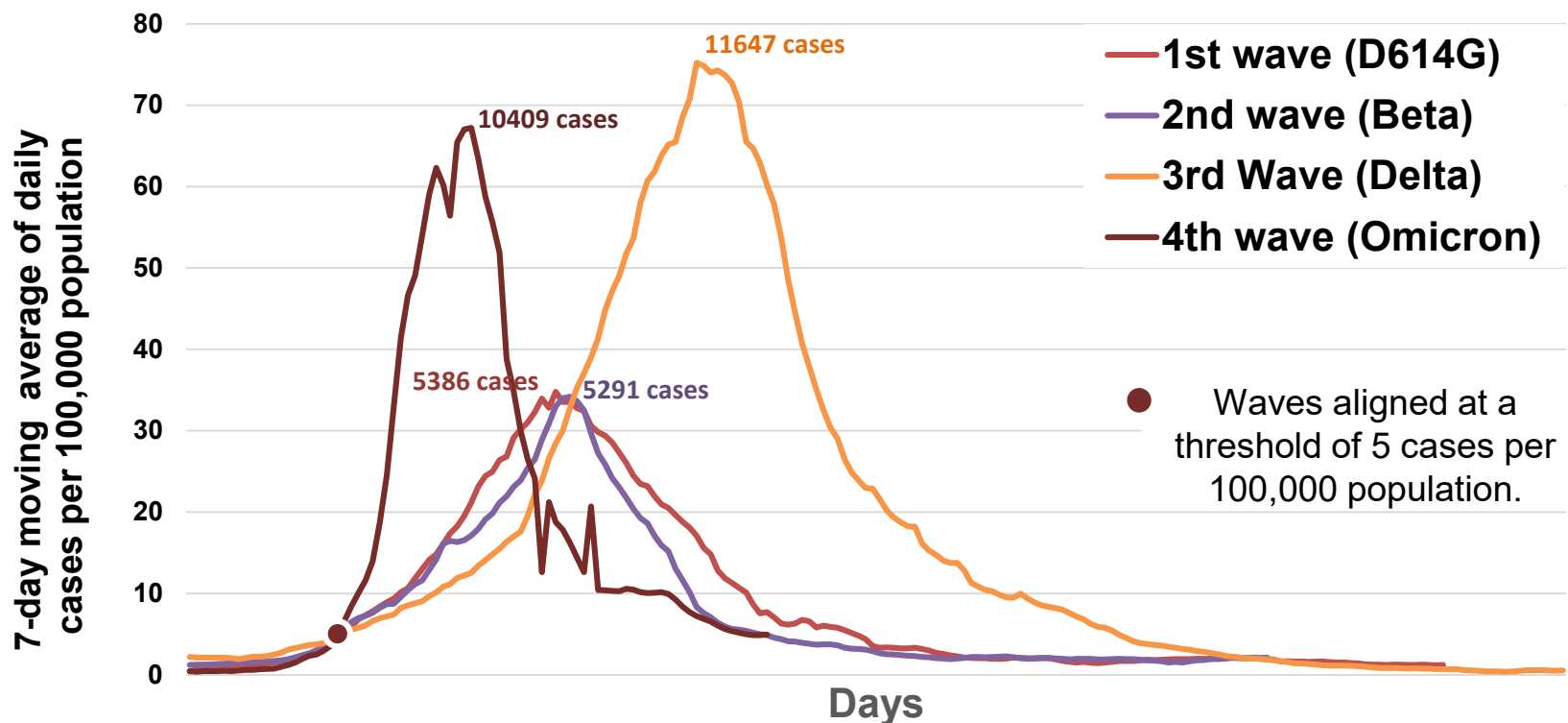


Source: Bradshaw D, et al



SARS-Cov-2 cases in 1st, 2nd & 3rd and 4th waves: Gauteng

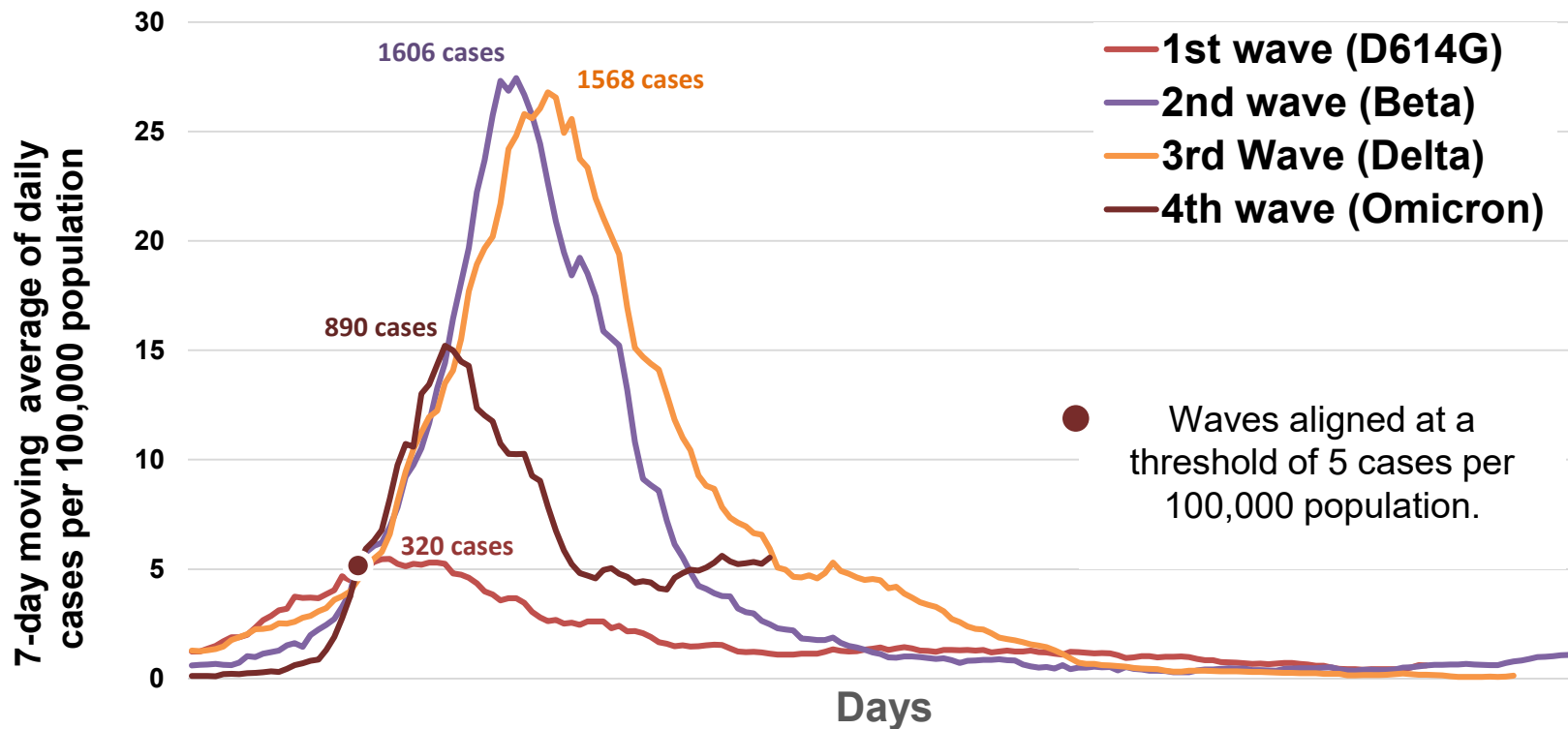
7-day moving average cases per 100,000 population
up to – 25 January 2022



Data source: Department of Health; Analysis: Marothi Letsoalo; Ande Mchunu

SARS-Cov-2 cases in 1st, 2nd & 3rd and 4th waves: Limpopo

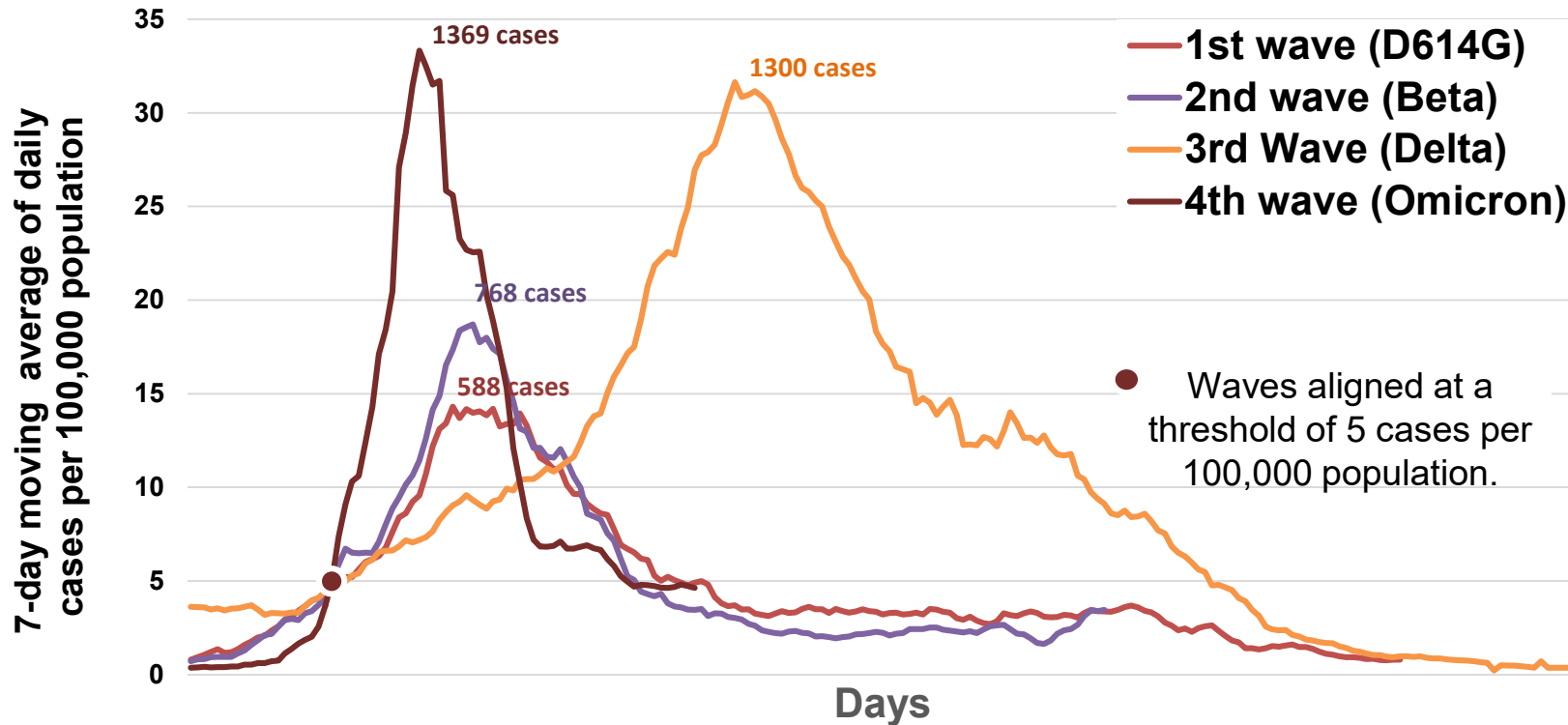
7-day moving average cases per 100,000 population
up to – 25 January 2022



Data source: Department of Health; Analysis: Marothi Letsoalo; Ande Mchunu

SARS-Cov-2 cases in 1st, 2nd & 3rd and 4th waves: North West

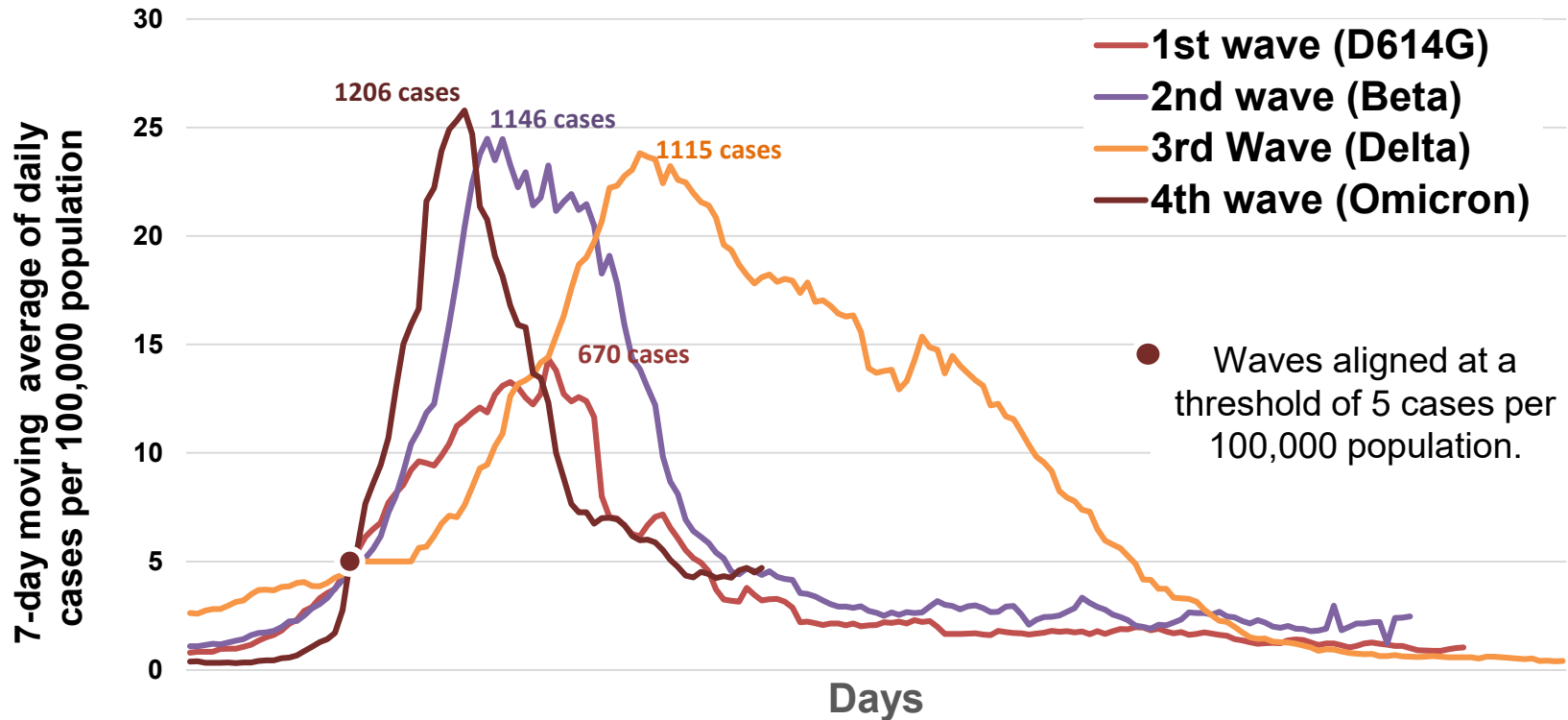
7-day moving average cases per 100,000 population
up to – 25 January 2022



Data source: Department of Health; Analysis: Marothi Letsoalo; Ande Mchunu

SARS-Cov-2 cases in 1st, 2nd & 3rd and 4th waves: Mpumalanga

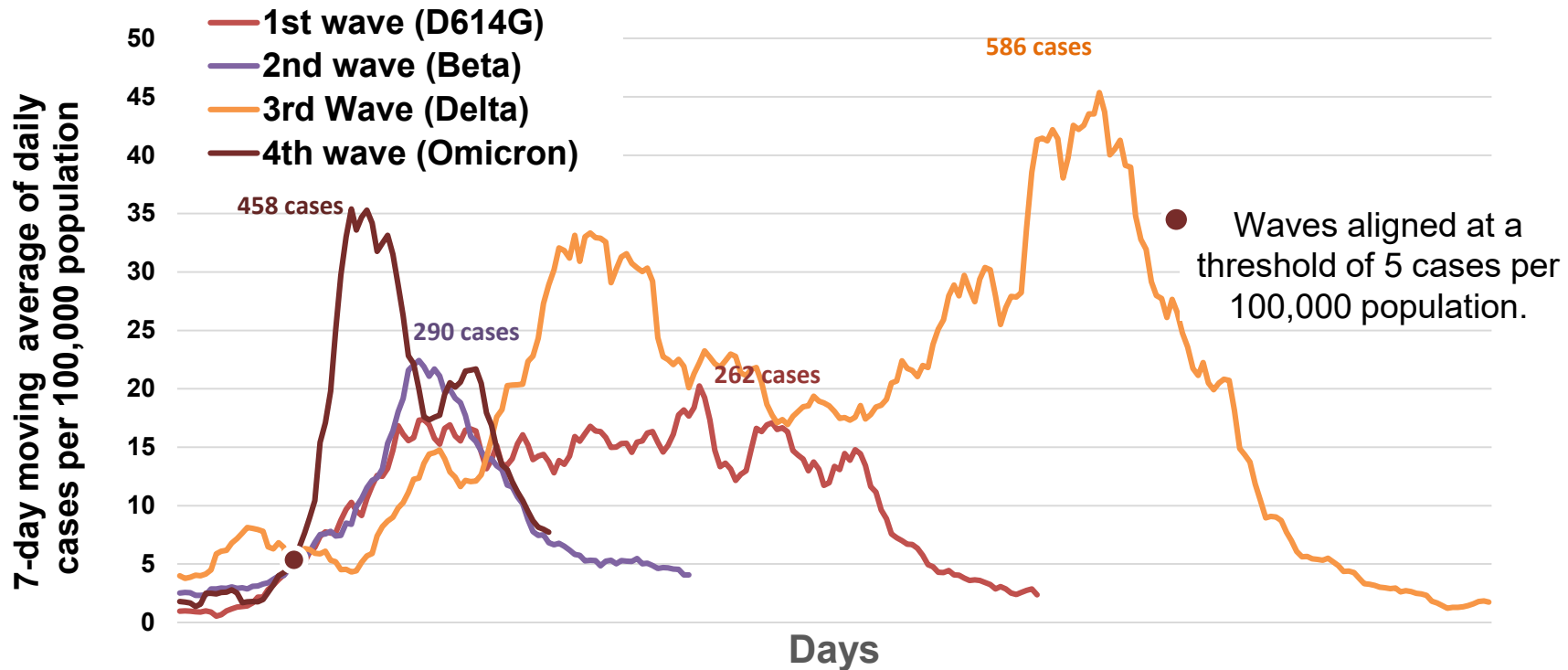
7-day moving average cases per 100,000 population
up to – 25 January 2022



Data source: Department of Health; Analysis: Marothi Letsoalo; Ande Mchunu

SARS-Cov-2 cases in 1st, 2nd & 3rd and 4th waves: Northern Cape

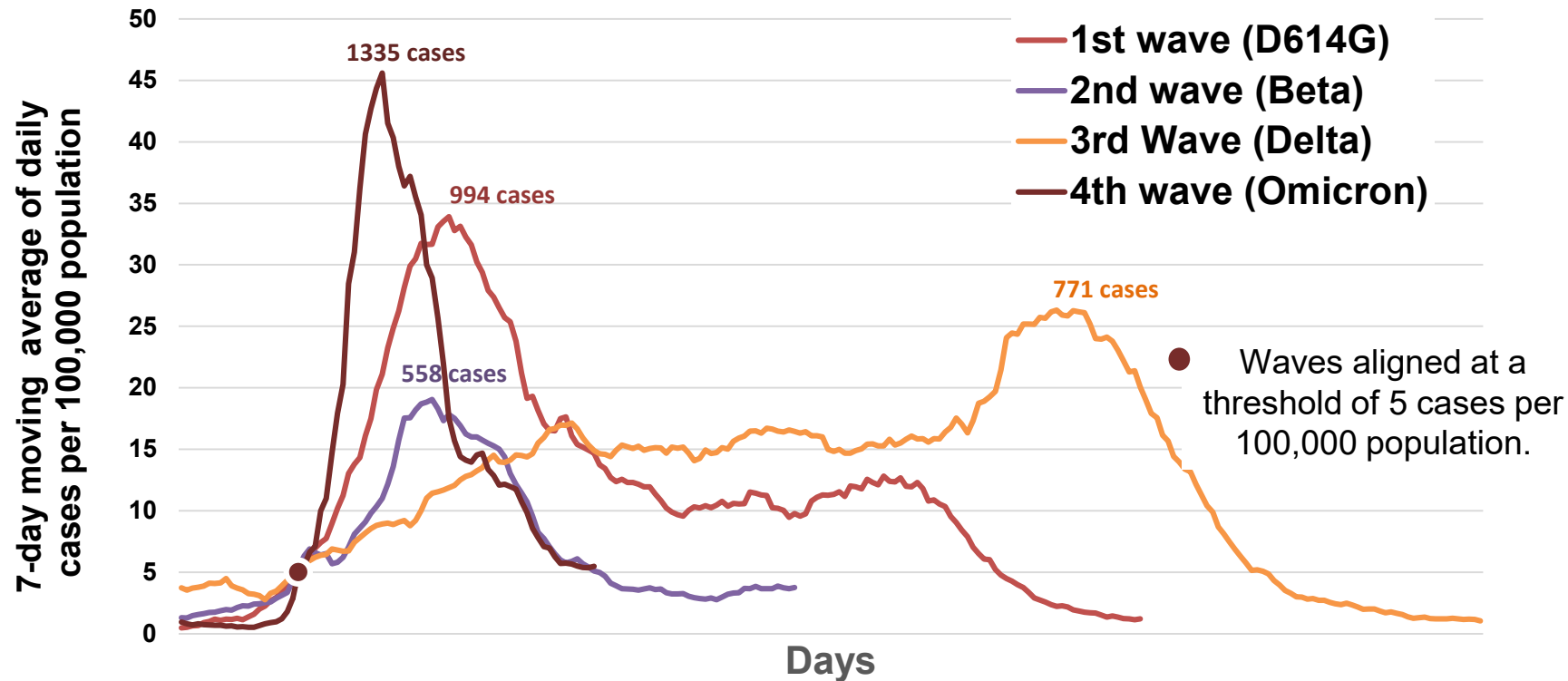
7-day moving average cases per 100,000 population
up to – 25 January 2022



Data source: Department of Health; Analysis: Marothi Letsoalo; Ande Mchunu

SARS-Cov-2 cases in 1st, 2nd & 3rd and 4th waves: Free State

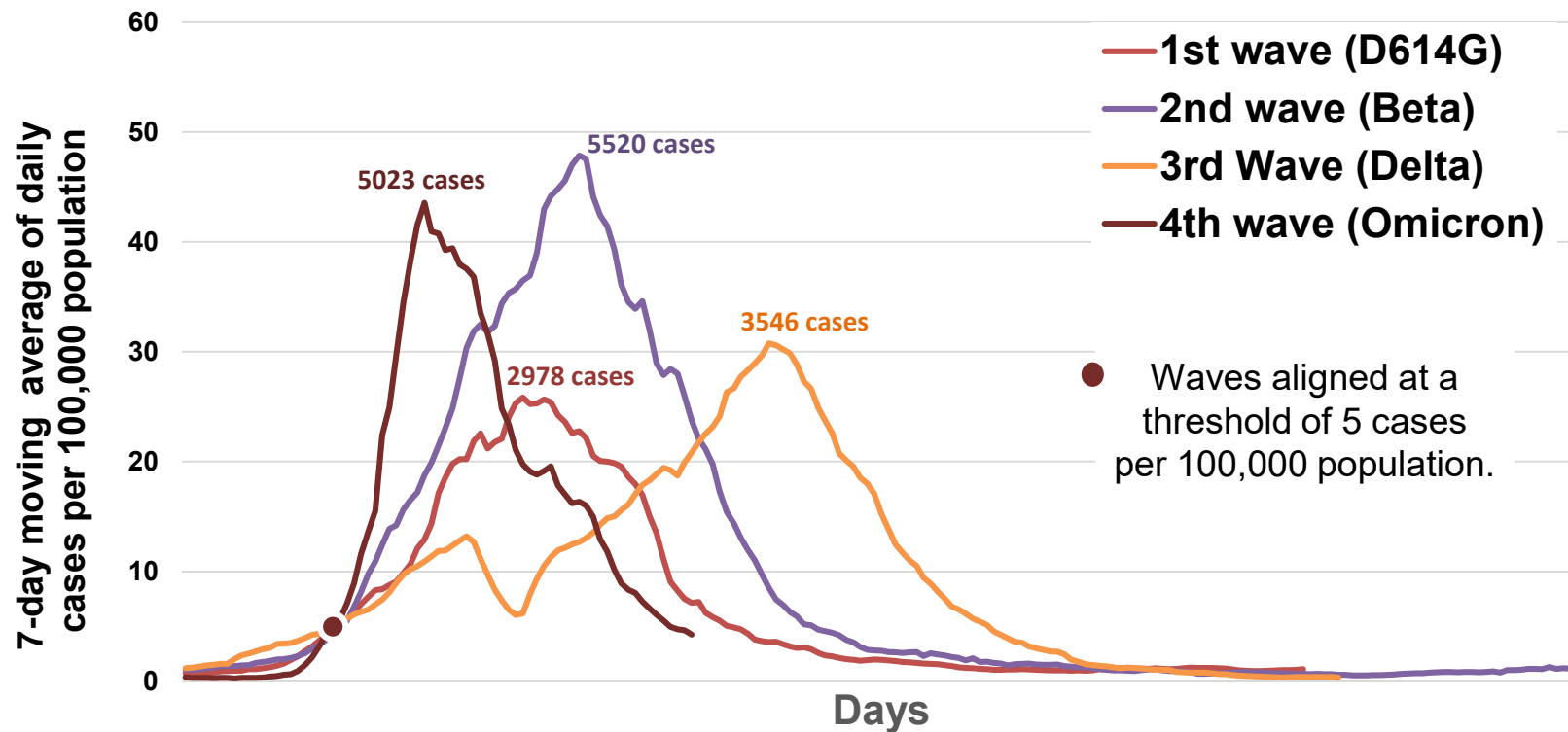
7-day moving average cases per 100,000 population
up to – 25 January 2022



Data source: Department of Health; Analysis: Marothi Letsoalo; Ande Mchunu

SARS-Cov-2 cases in 1st, 2nd & 3rd and 4th waves: KwaZulu Natal

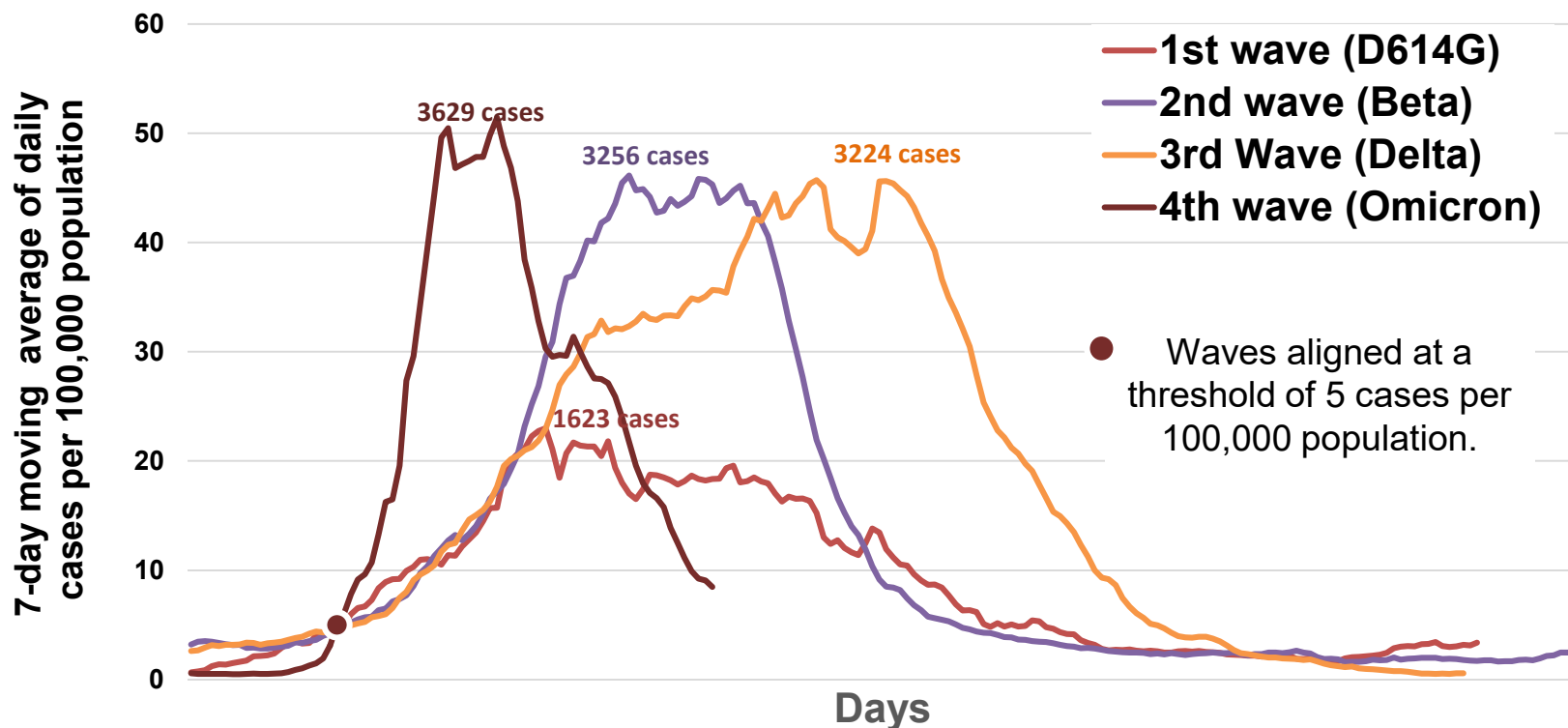
7-day moving average cases per 100,000 population
up to – 25 January 2022



Data source: Department of Health; Analysis: Marothi Letsoalo; Ande Mchunu

SARS-Cov-2 cases in 1st, 2nd & 3rd and 4th waves: Western Cape

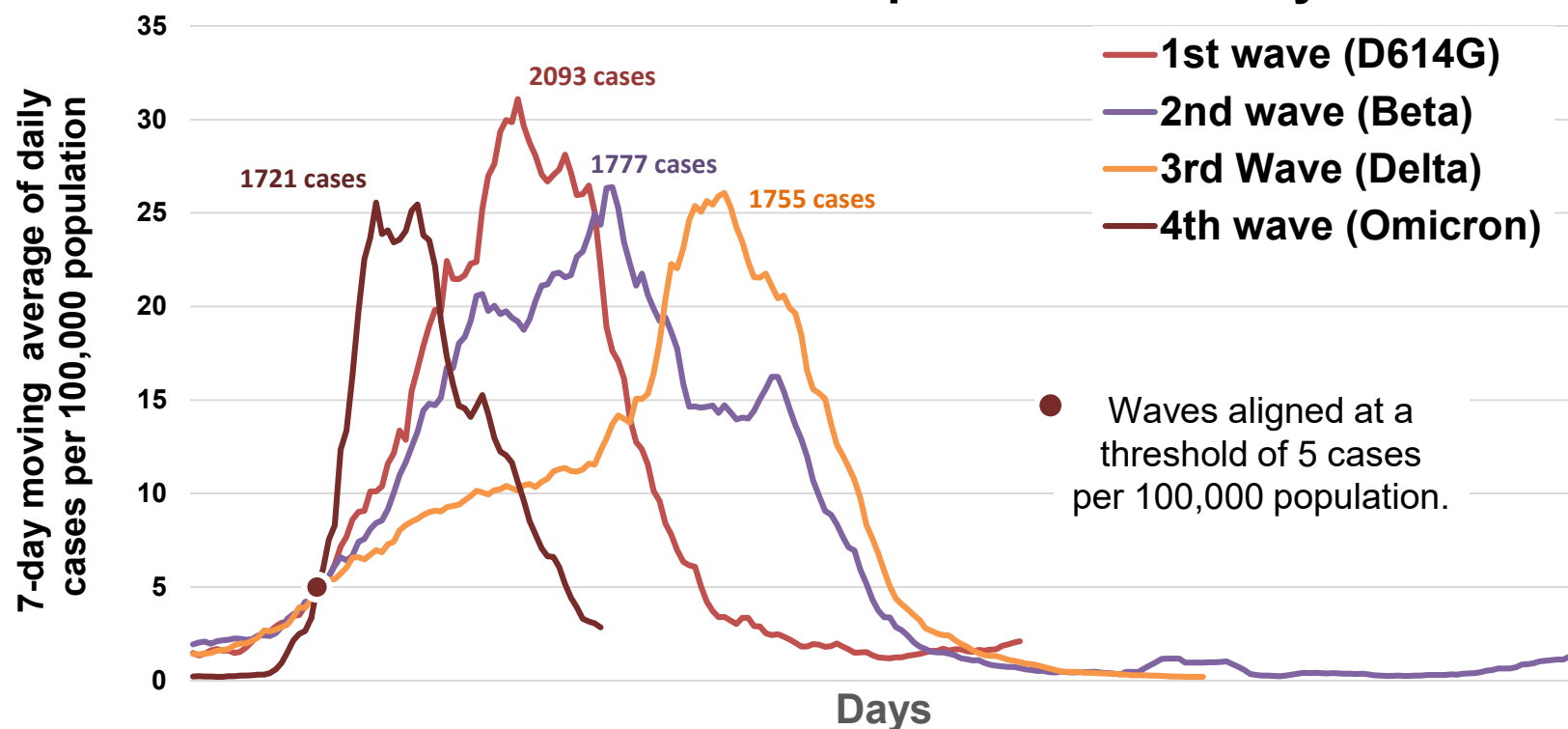
7-day moving average cases per 100,000 population
up to – 25 January 2022



Data source: Department of Health; Analysis: Marothi Letsoalo; Ande Mchunu

SARS-Cov-2 cases in 1st, 2nd & 3rd and 4th waves: Eastern Cape

7-day moving average cases per 100,000 population
up to – 25 January 2022



Data source: Department of Health; Analysis: Marothi Letsoalo; Ande Mchunu