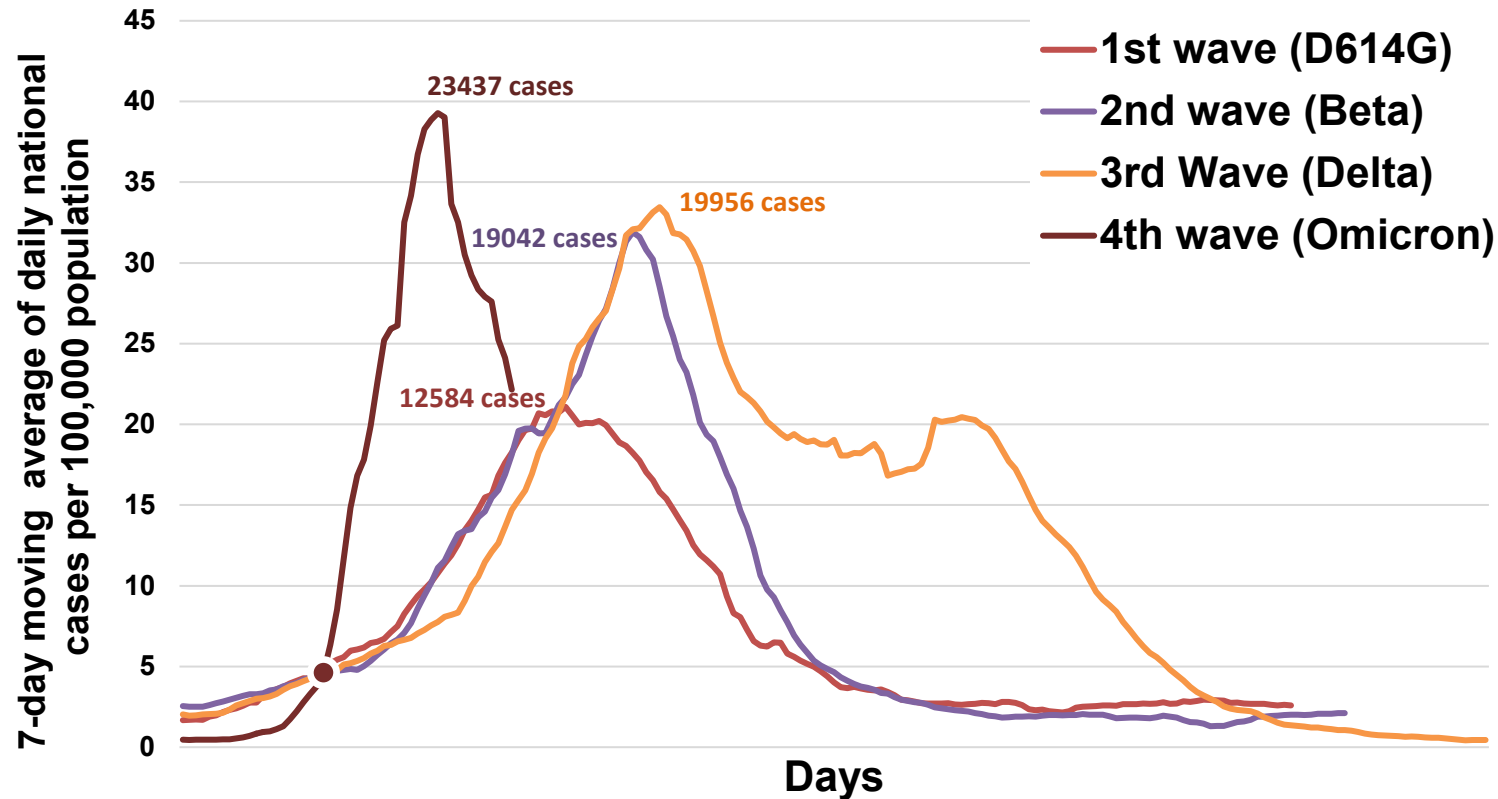


SARS-Cov-2 cases in 1st, 2nd & 3rd and 4th waves: South Africa

7-day moving average cases per 100,000 population up to – 28 December 2021

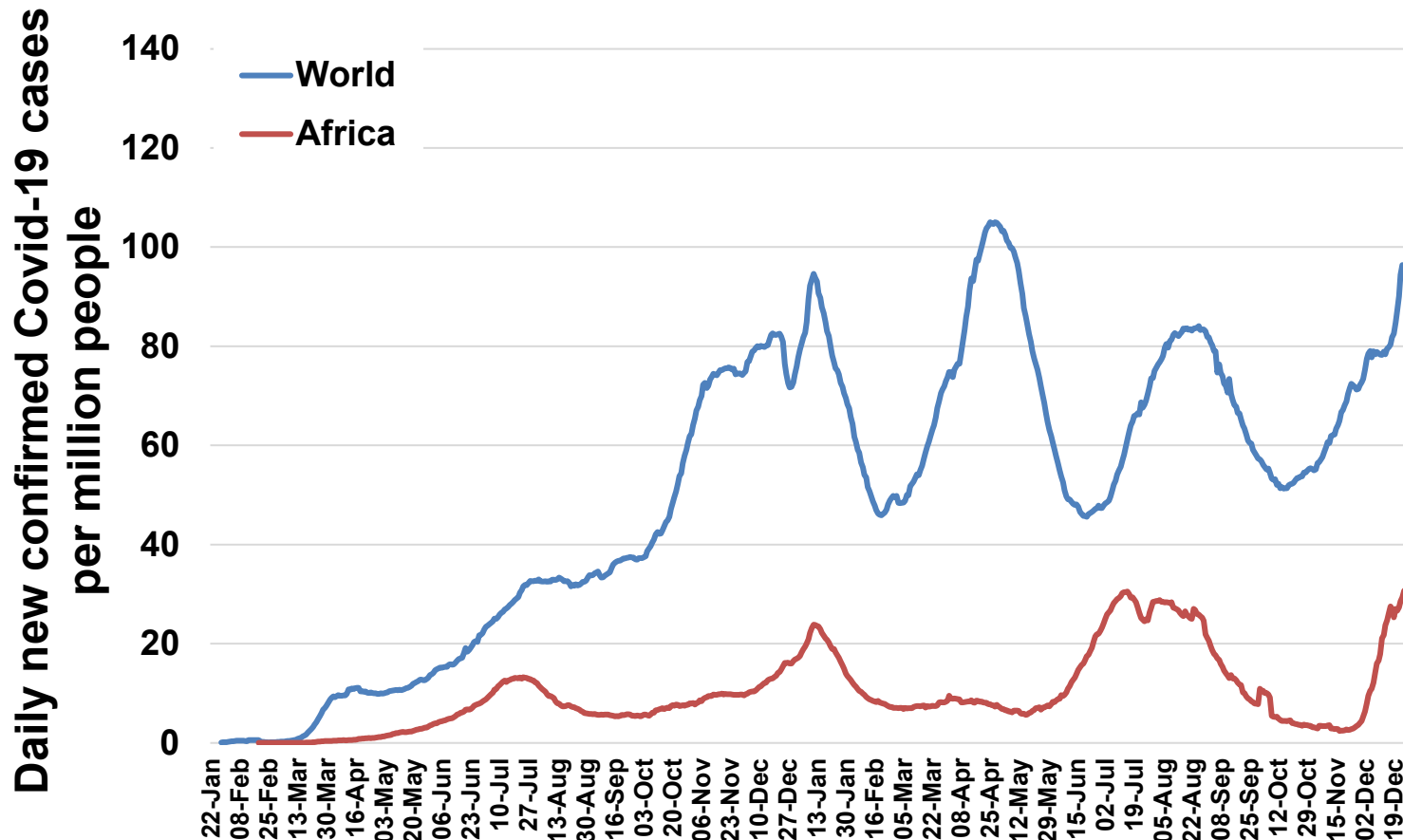


Data source: Department of Health; Analysis: Marothi LETSOALO; Ande MCHUNU

Covid-19 in Africa

Omicron variant drives 4th wave

up to – 28 December 2021



WORLD

* 275 million cumulative global case and 5.4 million deaths

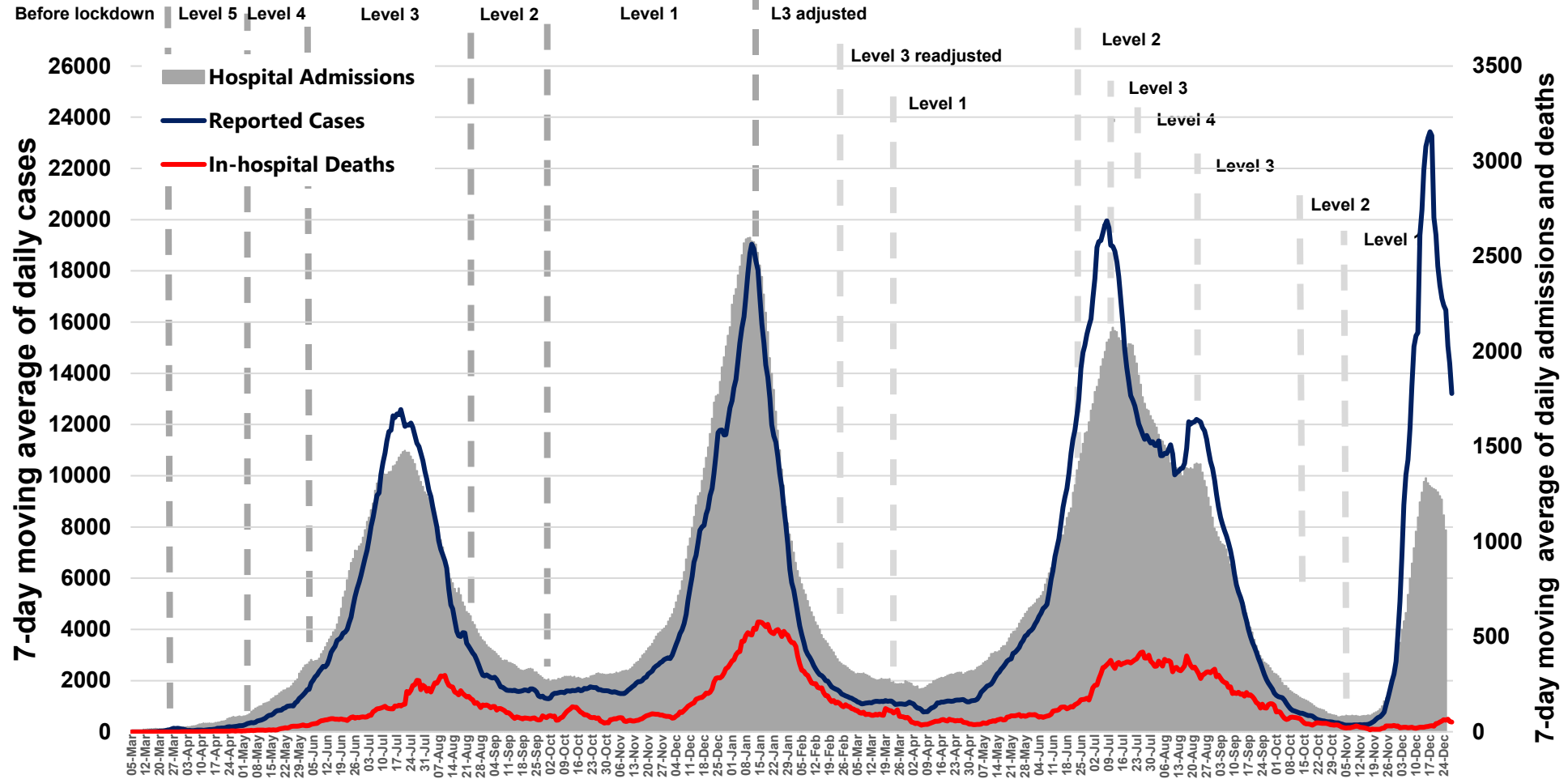
AFRICA

* 9.2 million cumulative cases (3.3 % of global cases - 22 January 2020 up to 28 December 2021

* 225329 deaths (CFR: 2.5%; ~4.2% of global deaths in 15% of world's population)

Covid-19 in South Africa

7-day moving average of new cases, hospital admissions and in-hospital Covid-19 deaths up to - 28 December 2021



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

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

up to – 28 December 2021

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.



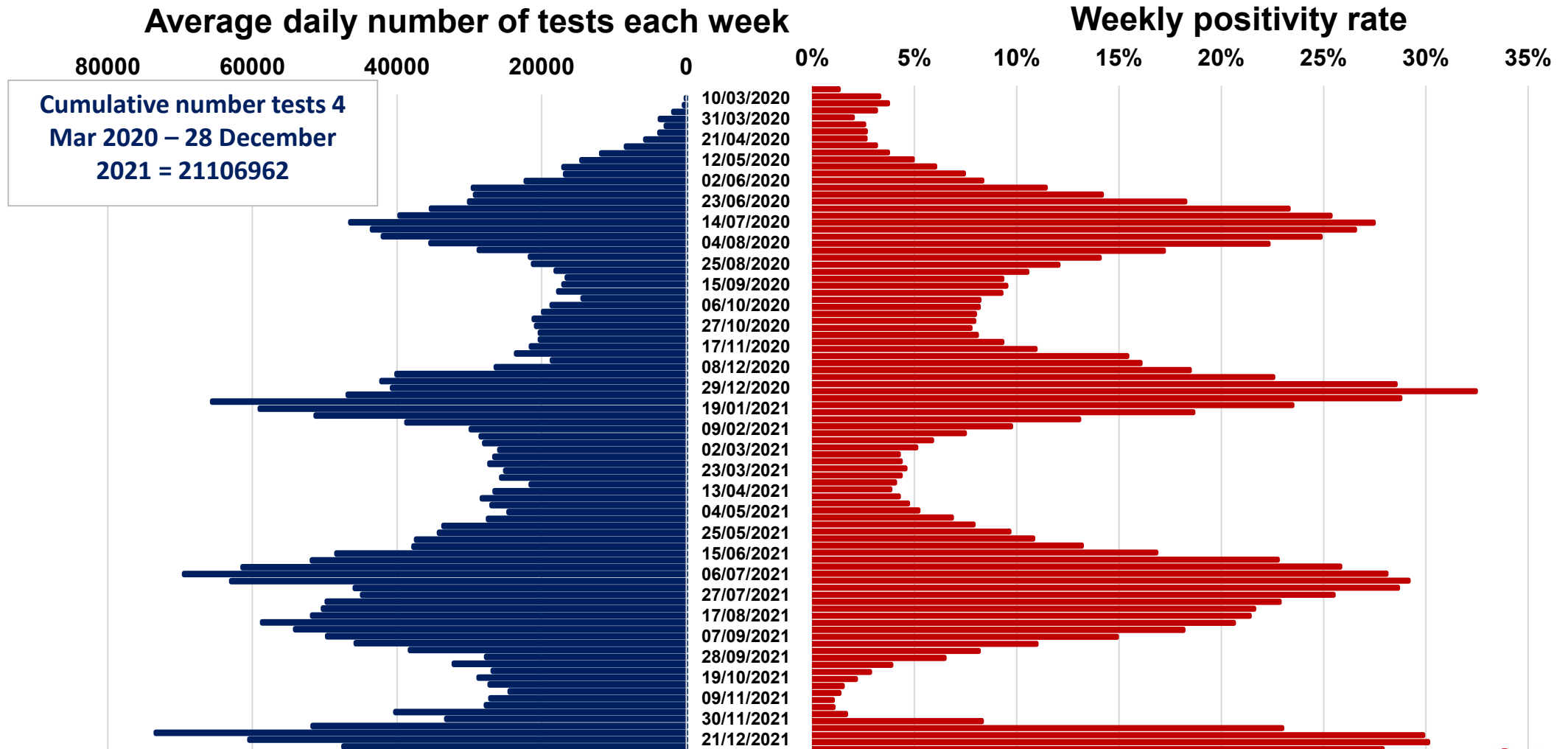
Source: Arroyo-Marioli F, Bullano F, Kucinkas S, Rondón-Moreno C (2021) Tracking R of COVID-19: A new real-time estimation using the Kalman filter. CC BY

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



Average daily tests and proportion of positive

up to – 28 December 2021

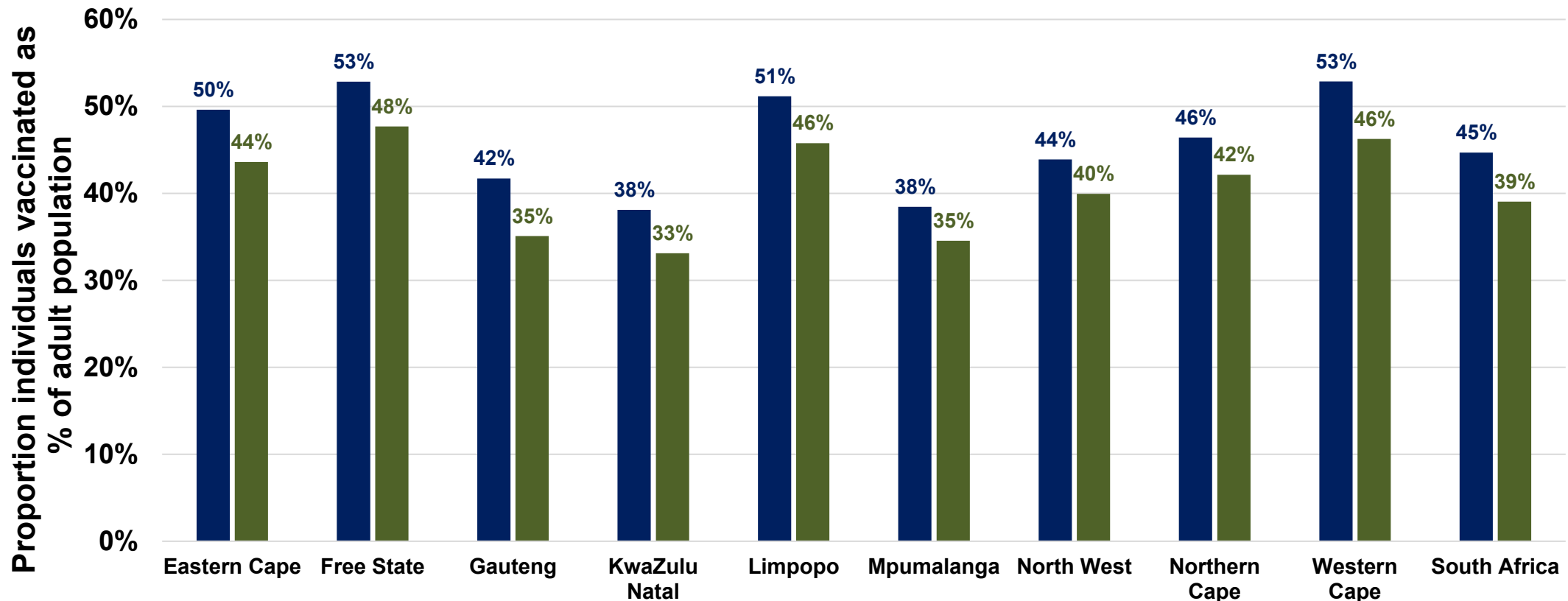


Data source: Department of Health

Proportion of individuals vaccinated as % of adult population

up to – 28 December 2021

■ Vaccinated (%) ■ Fully vaccinated (%)

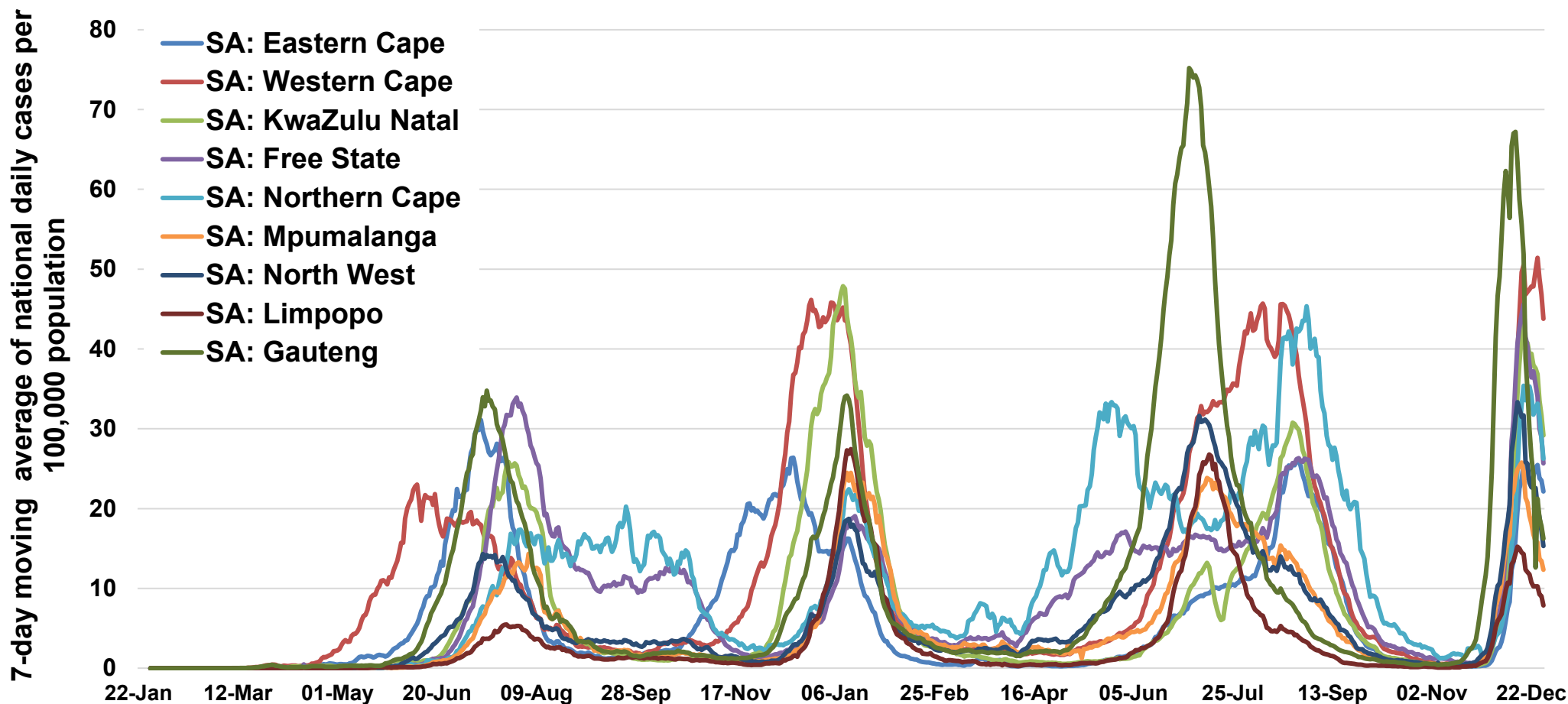


Source: Department of Health. <https://sacoronavirus.co.za/latest-vaccine-statistics/>

Confirmed SARS-Cov-2 cases by province

7-day moving average cases per 100,000 population

up to – 28 December 2021

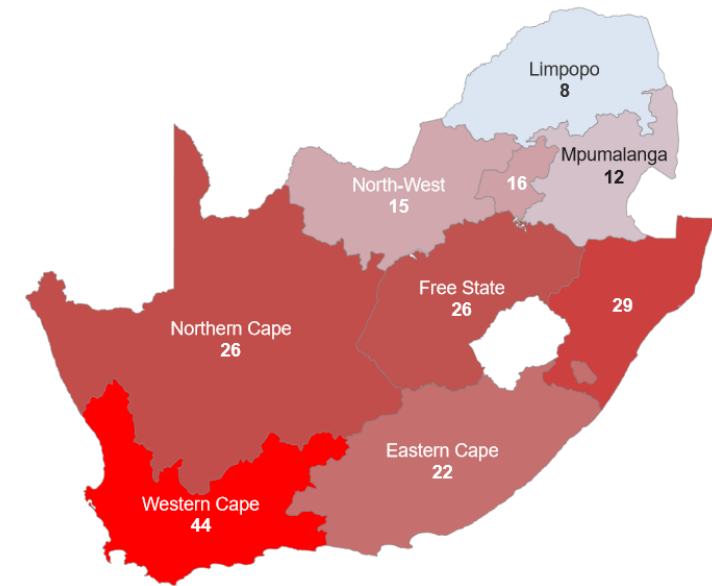



Data source: Department of Health; Analysis

Daily new cases over last 7 days/100,000

up to – 28 December 2021

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	100K at a day back	
Eastern Cape	67	1267	19	1493	22	18%
Free State	29	864	29	751	26	-13%
Gauteng	155	3136	20	2515	16	-20%
KwaZulu Natal	115	3628	31	3363	29	-7%
Limpopo	59	493	8	462	8	-6%
Mpumalanga	47	666	14	576	12	-14%
North West	41	773	19	629	15	-19%
Northern Cape	13	353	27	339	26	-4%
Western Cape	71	2719	39	3090	44	14%
South Africa	597	17439	29	13218	22	-24%
Africa	13410	37586	3	42118	3	12%
World	77952	709273	9	929450	12	31%



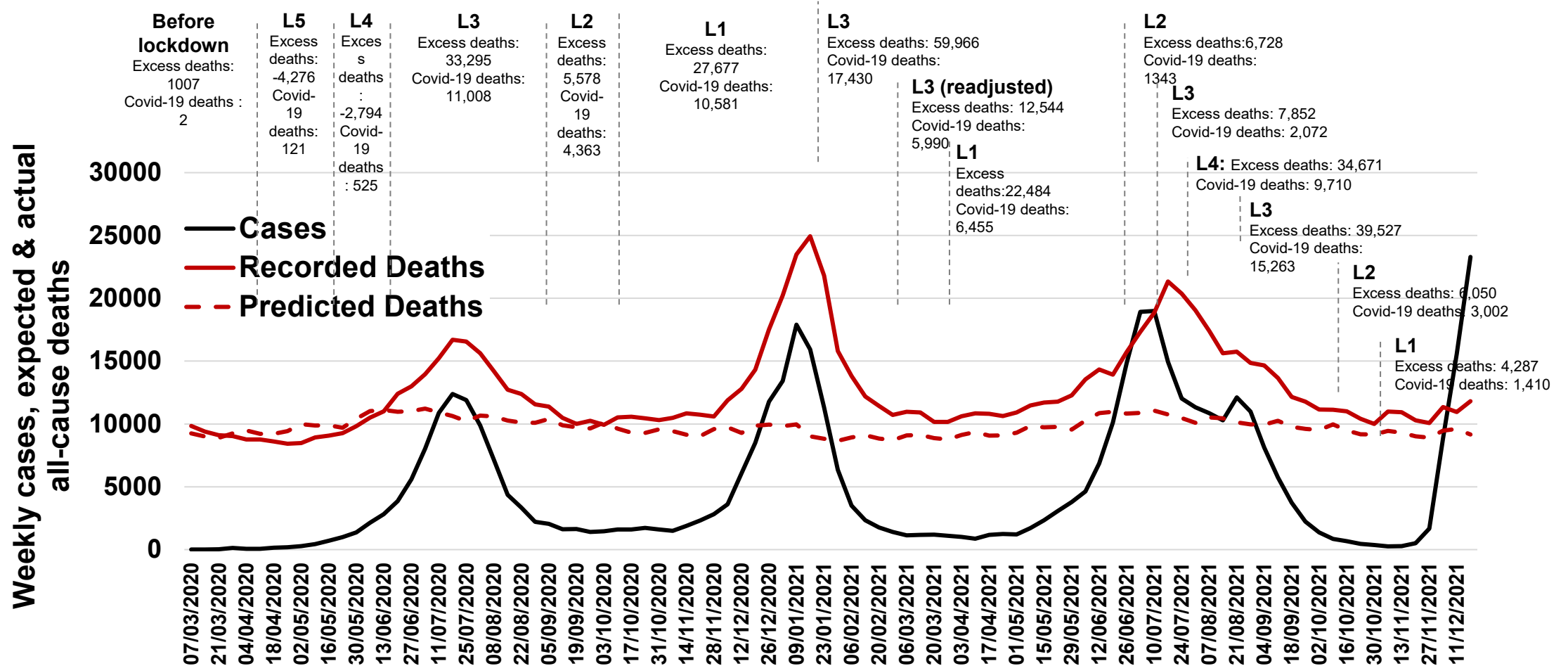
7 days moving average per 100K population  8 26 44

Powered by Bing
© GeoNames, Microsoft, TomTom

Data source: Department of Health

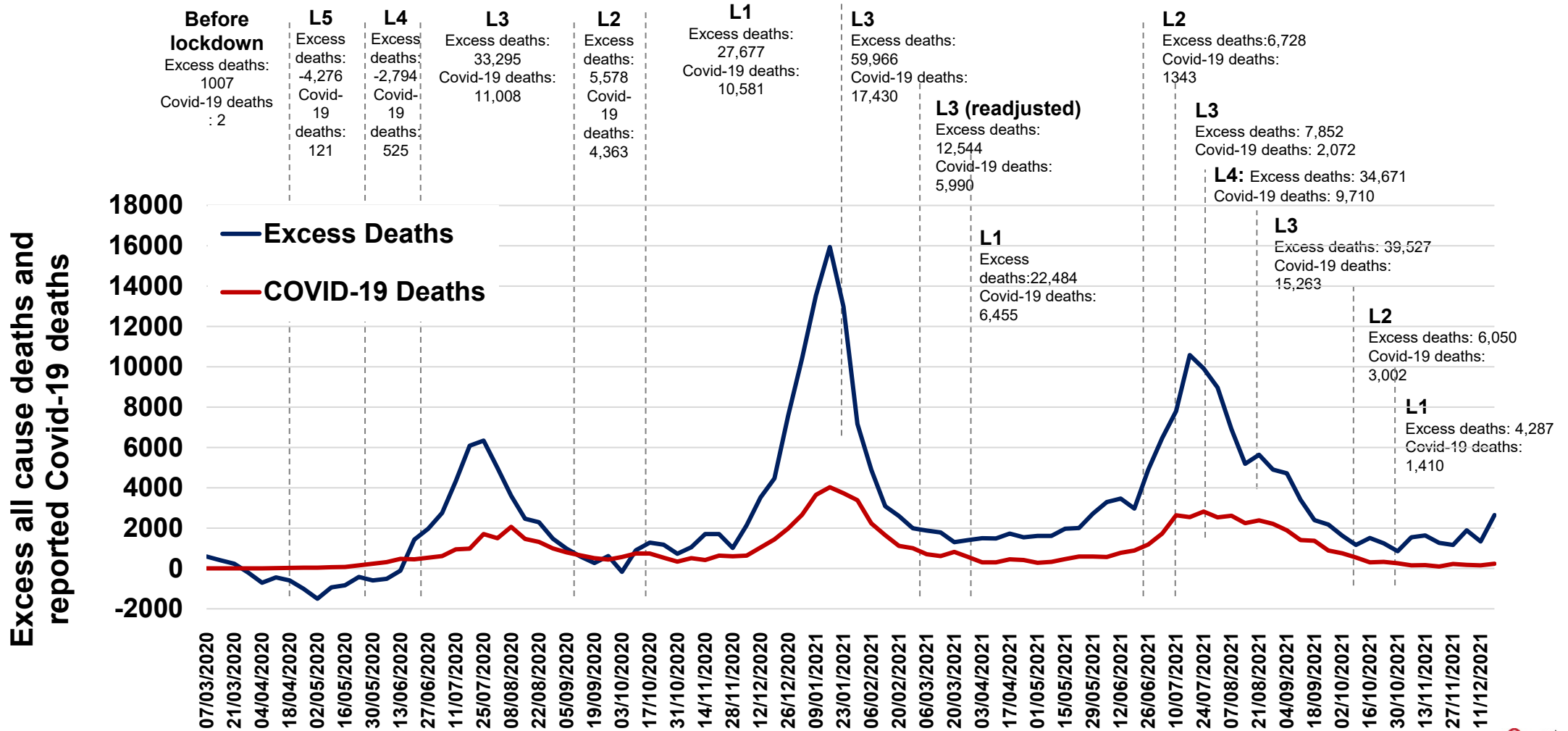
Expected & actual all-cause deaths during Covid-19

up to – 18 December 2021



Weekly excess all cause deaths & reported Covid-19 deaths

up to – 18 December 2021

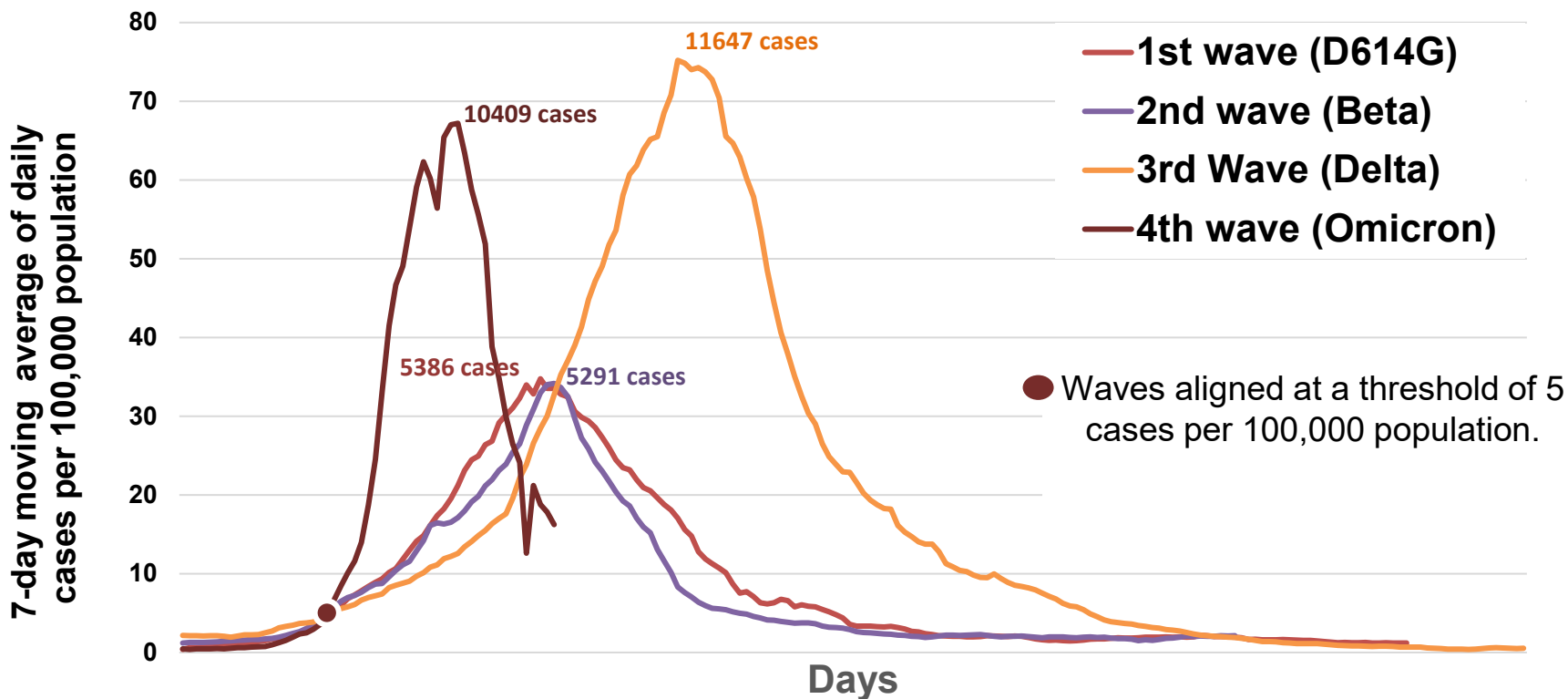


Source: Bradshaw D, et al



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

7-day moving average cases per 100,000 population
up to – 28 December 2021

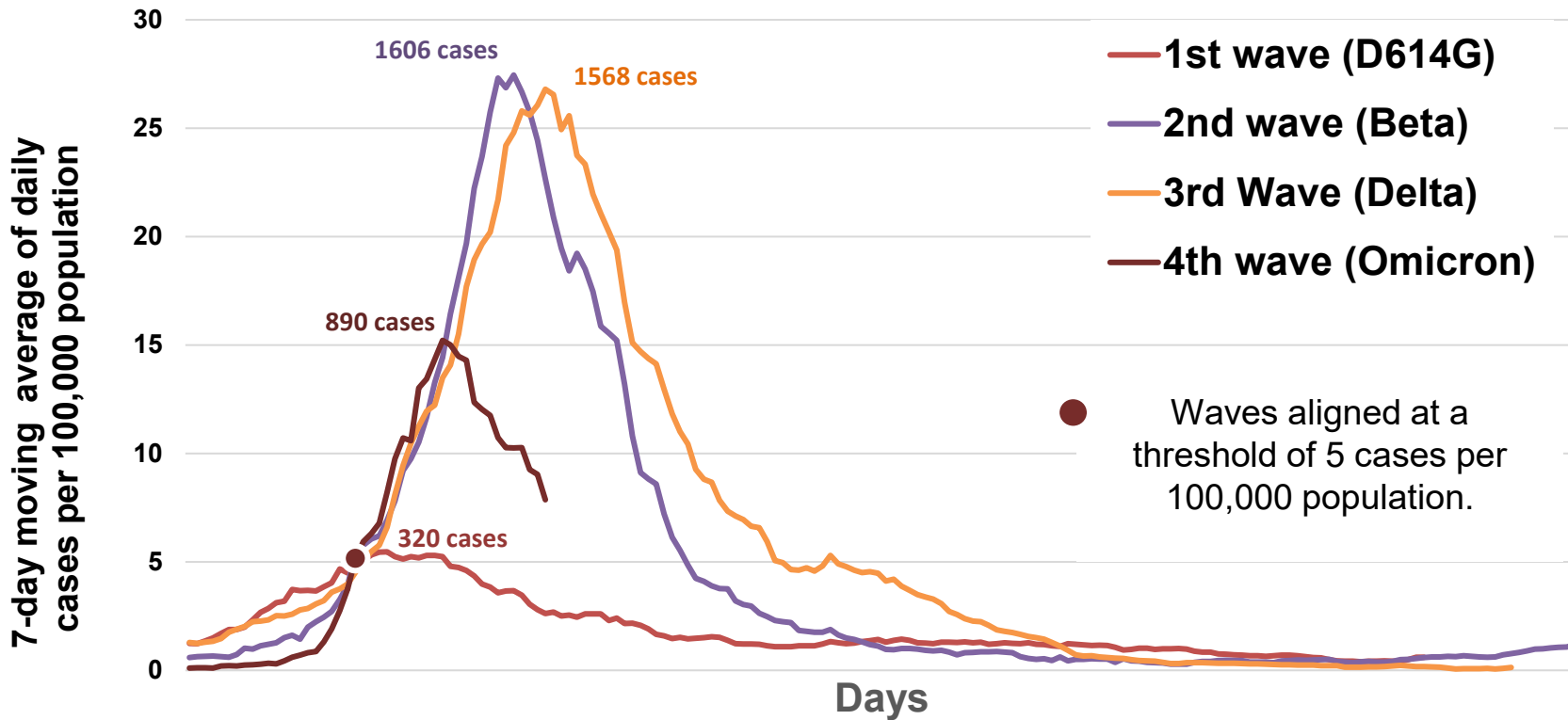


Data source: Department of Health; Analysis: Marothi Letsoalo; Ande Mchunu

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

7-day moving average cases per 100,000 population

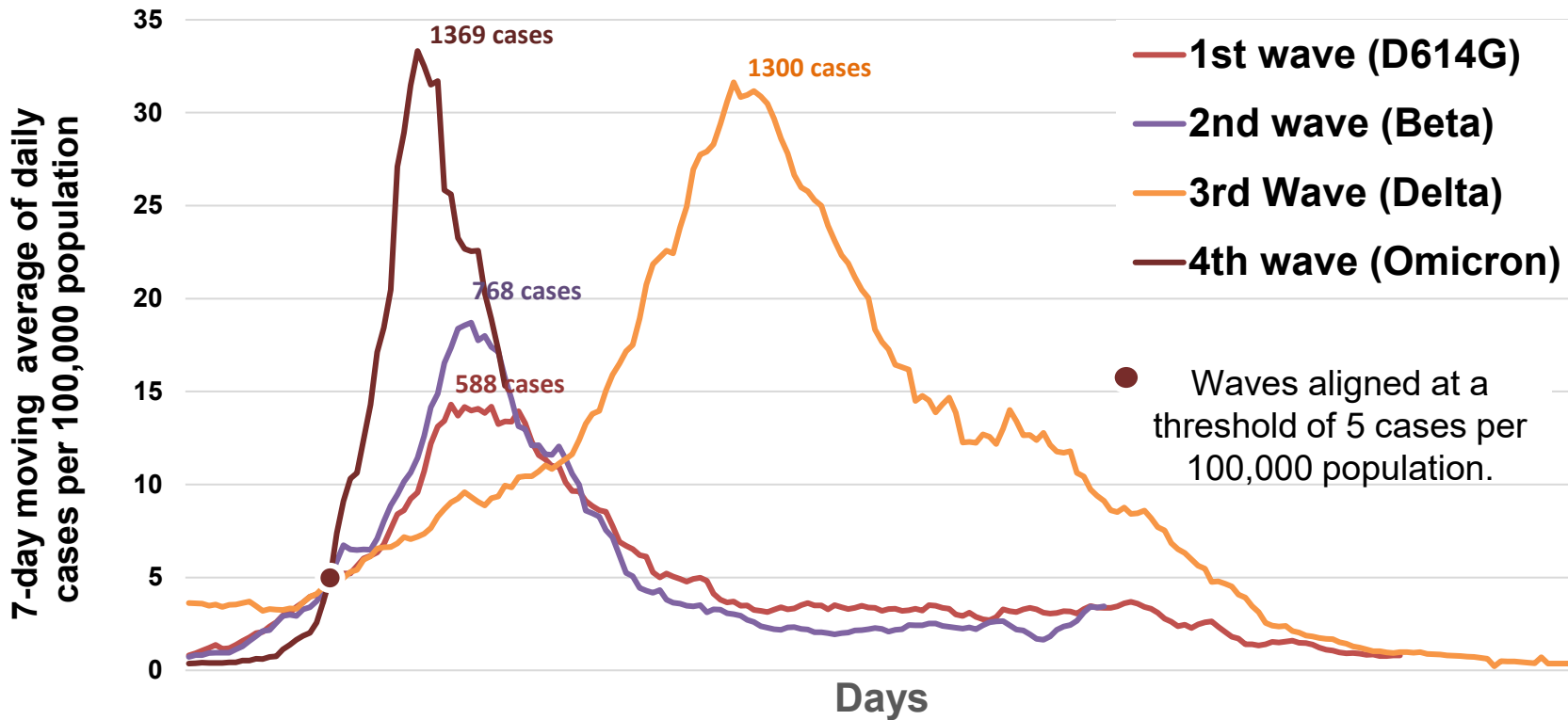
up to – 28 December 2021



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

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

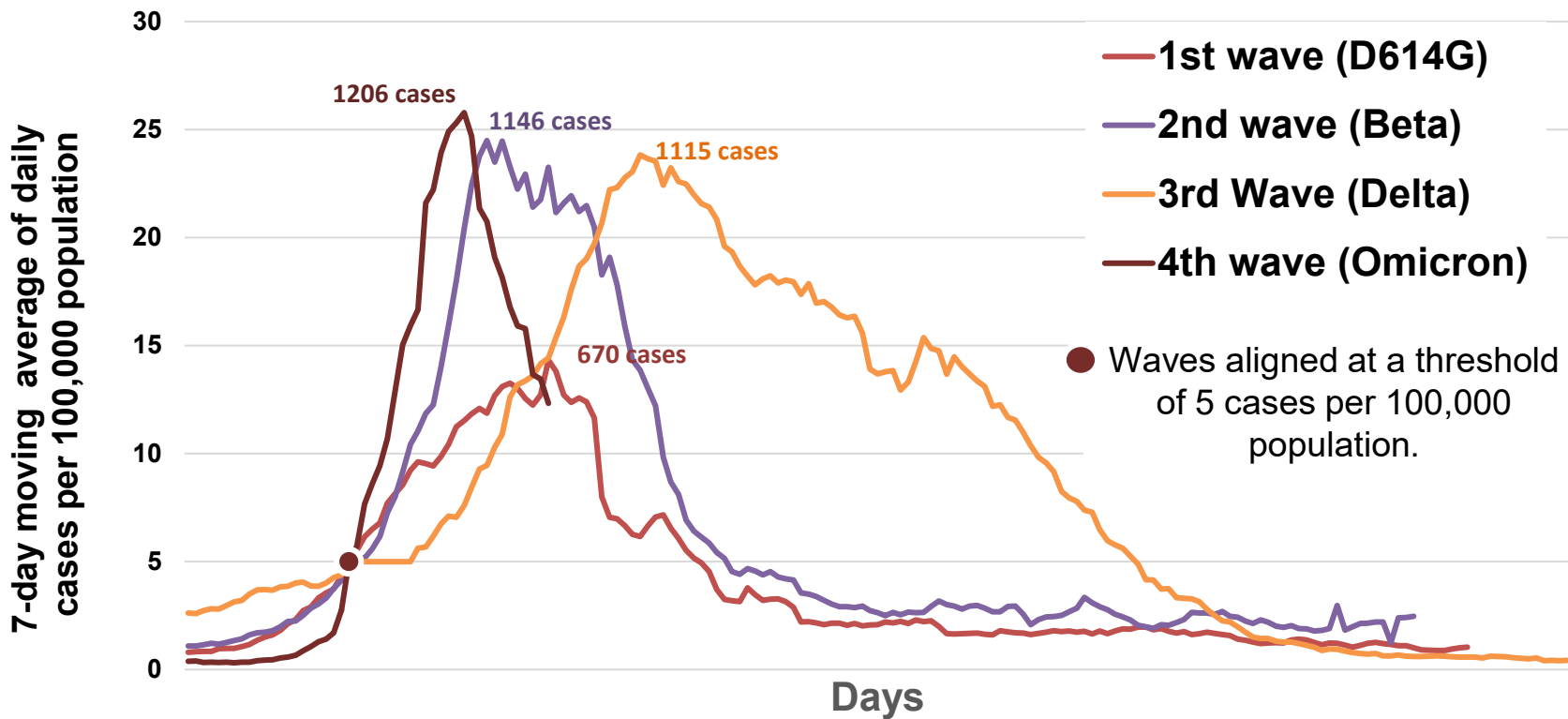
7-day moving average cases per 100,000 population
up to – 28 December 2021



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

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

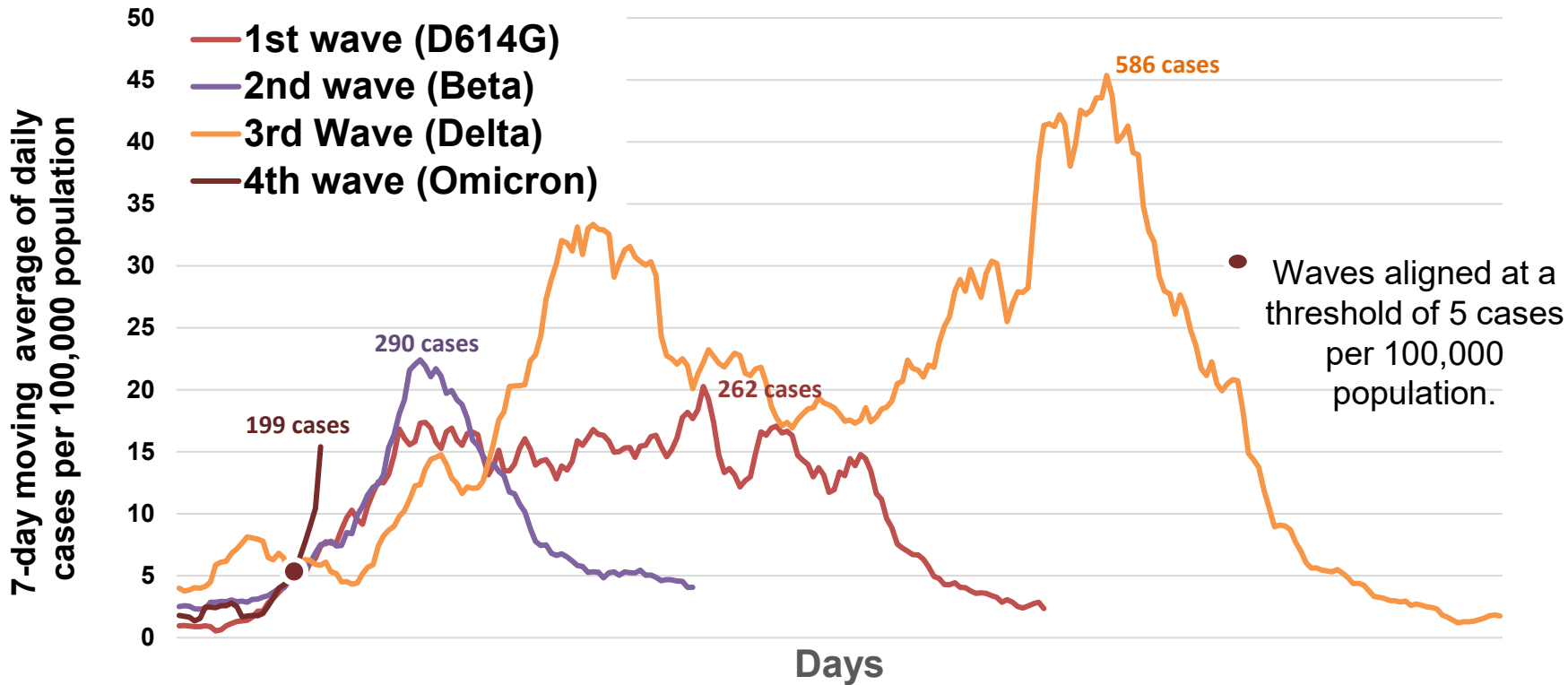
7-day moving average cases per 100,000 population
up to – 28 December 2021



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

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

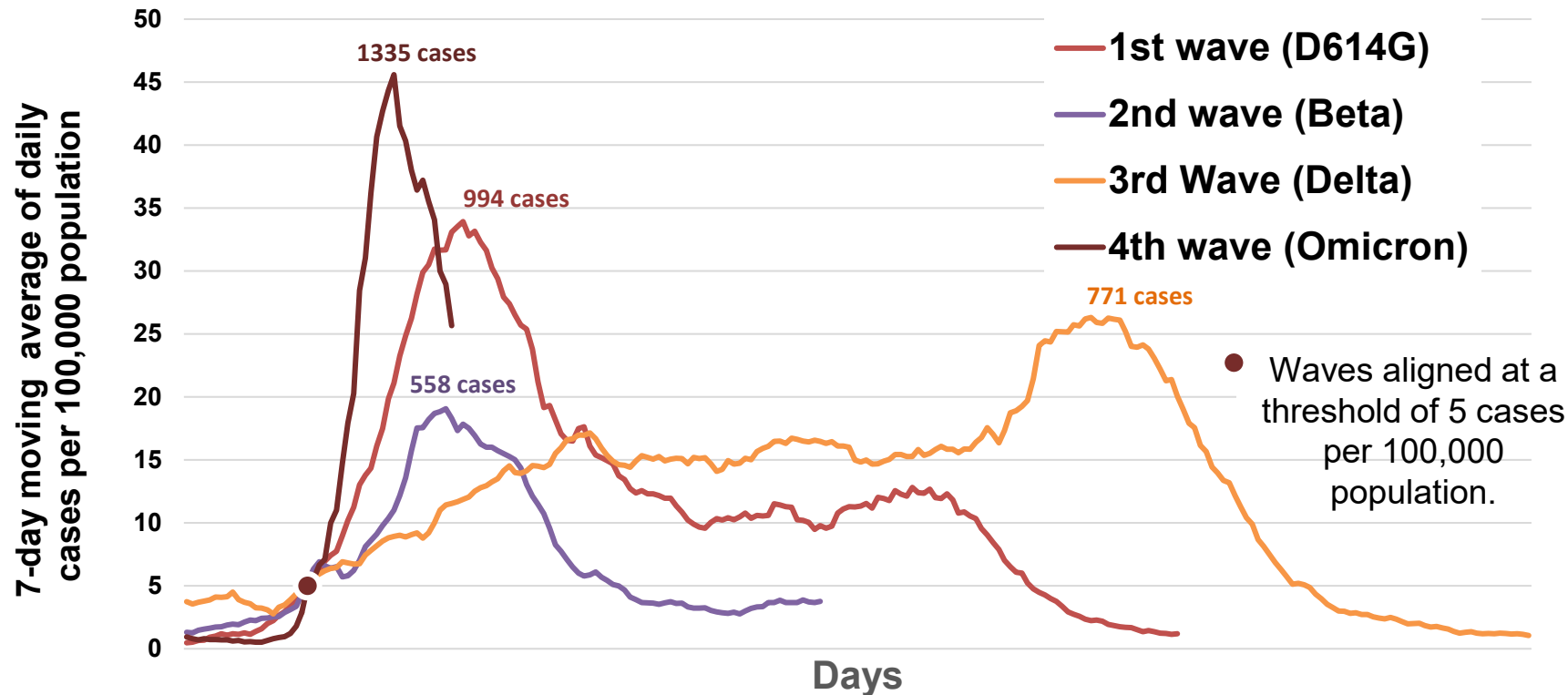
7-day moving average cases per 100,000 population
up to – 28 December 2021



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

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

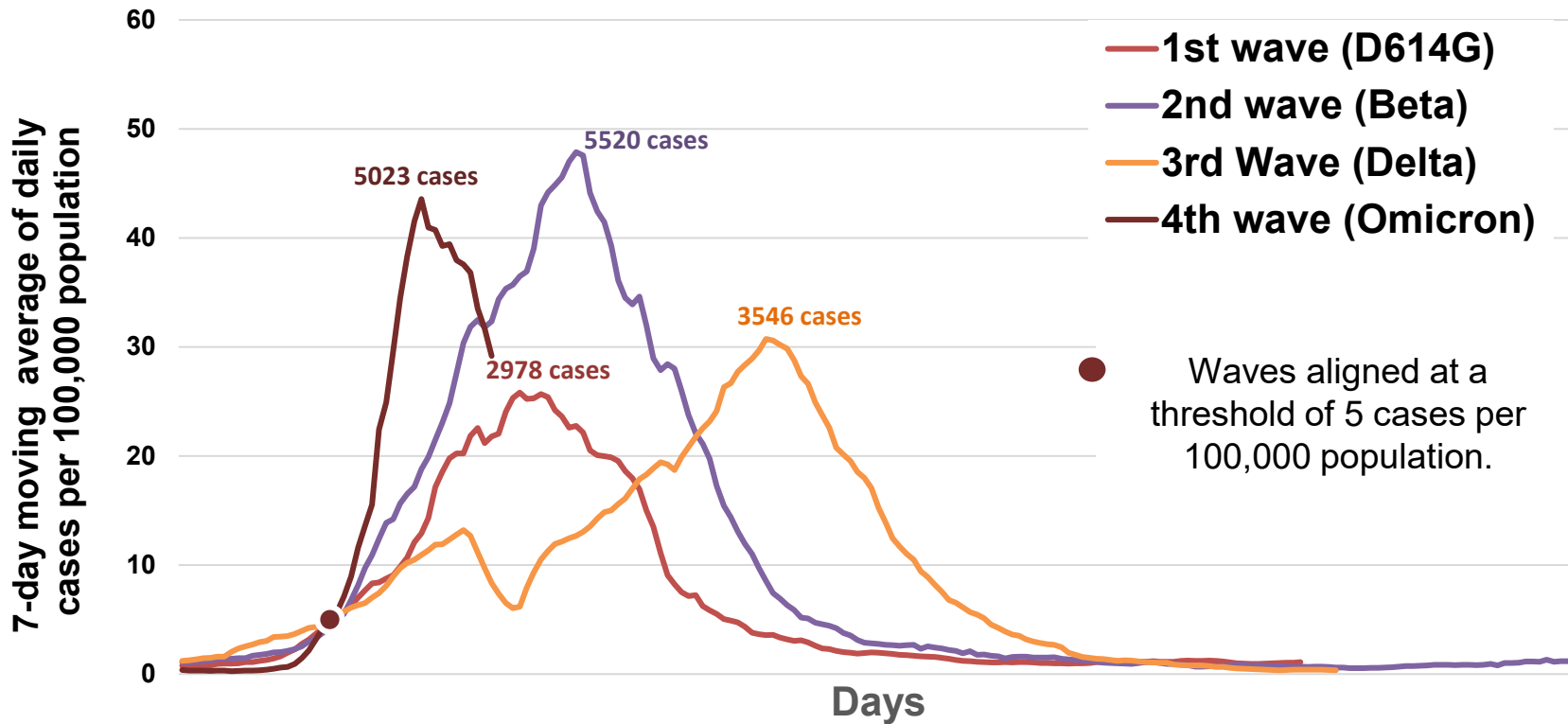
7-day moving average cases per 100,000 population
up to – 28 December 2021



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

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

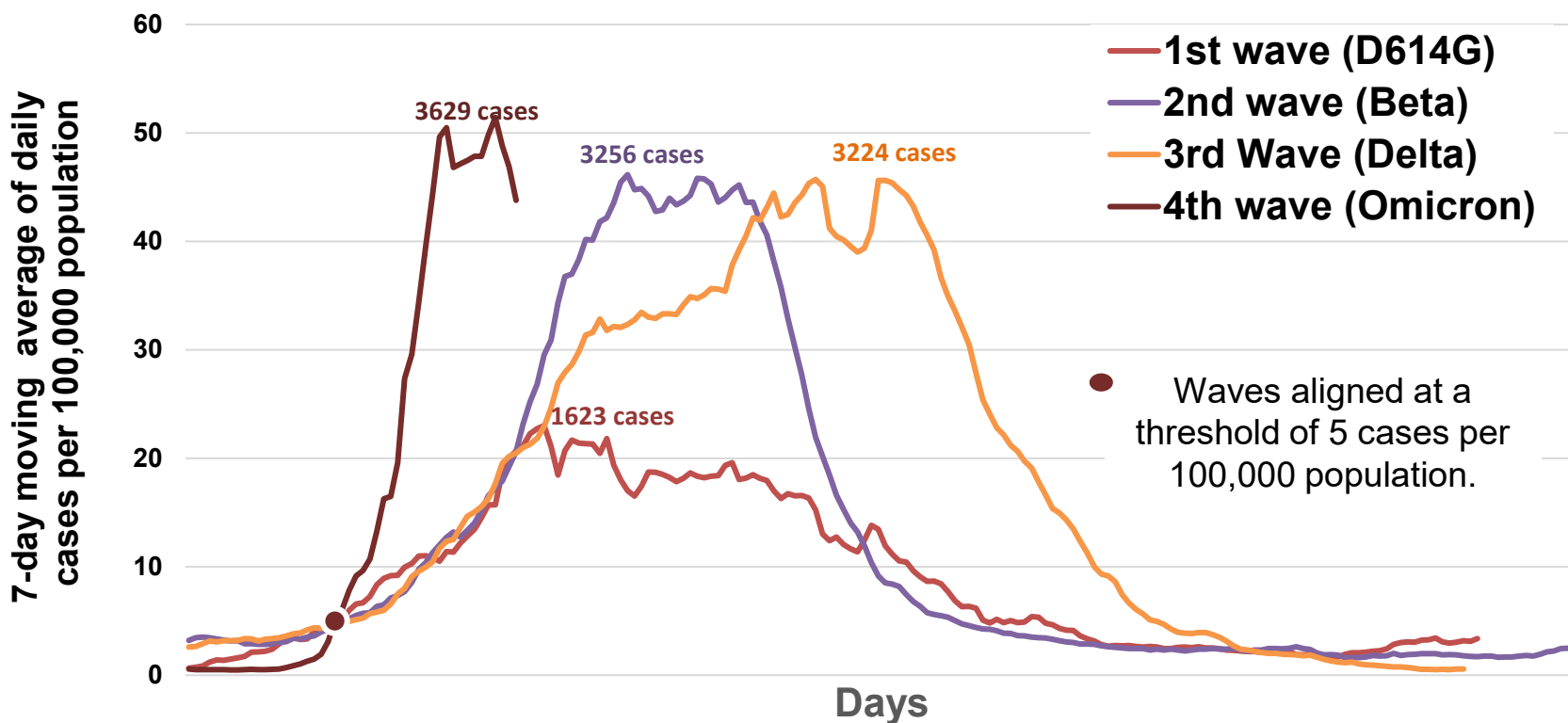
7-day moving average cases per 100,000 population
up to – 28 December 2021



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

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

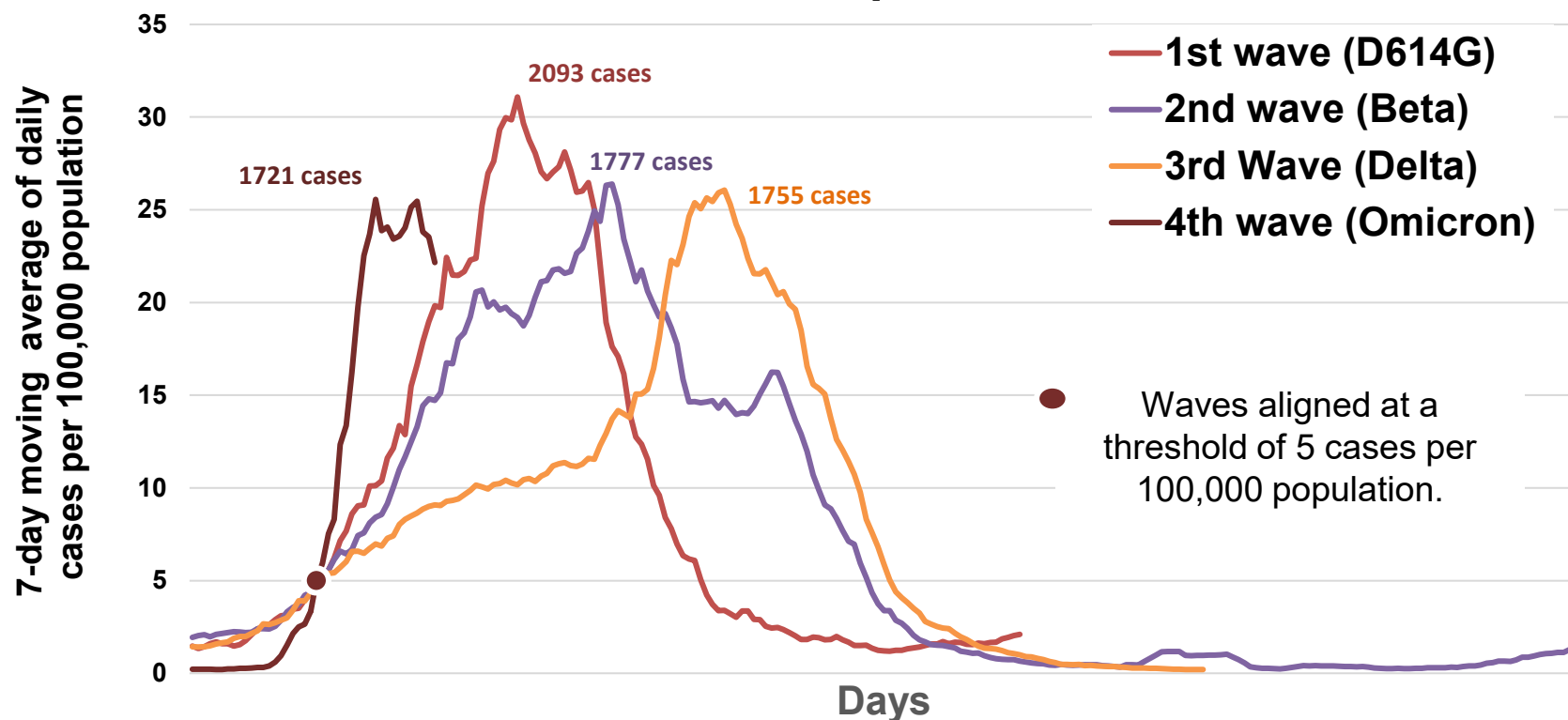
7-day moving average cases per 100,000 population
up to – 28 December 2021



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 – 28 December 2021



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