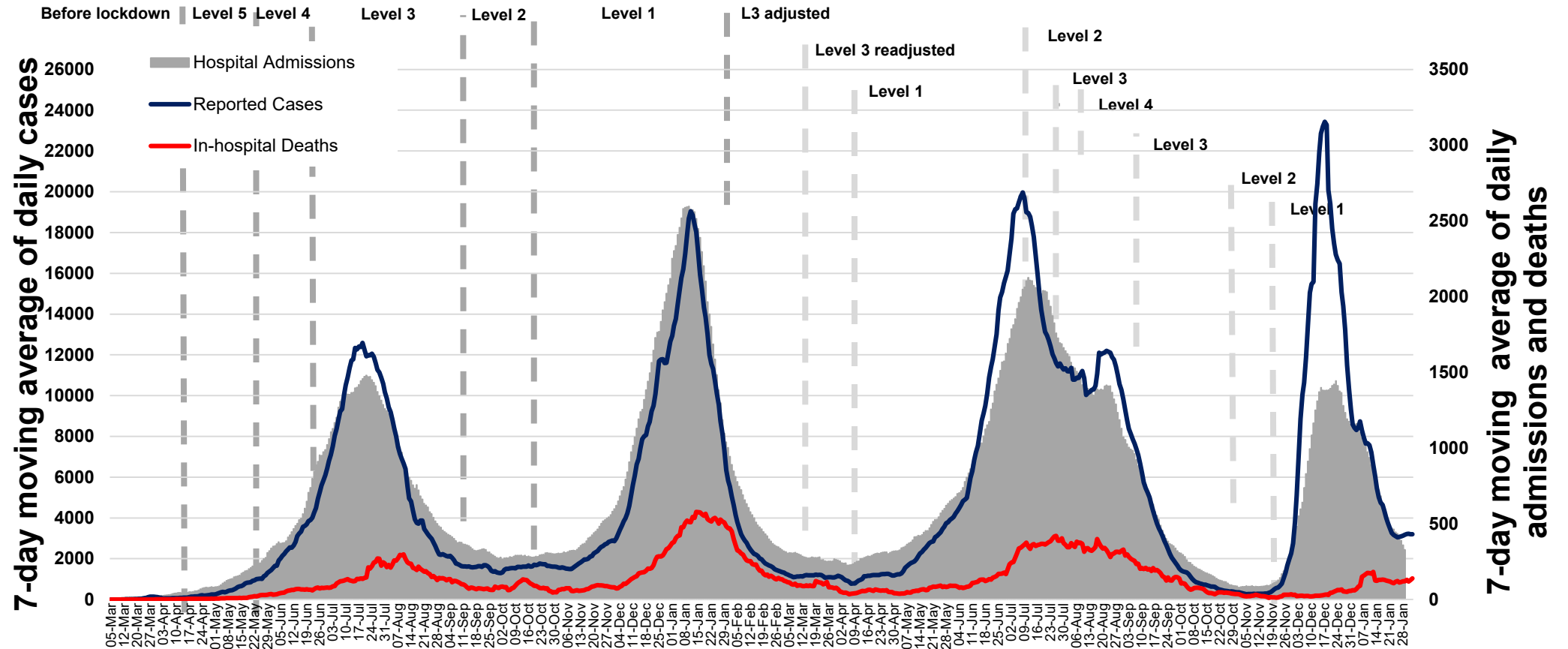


Covid-19 in South Africa

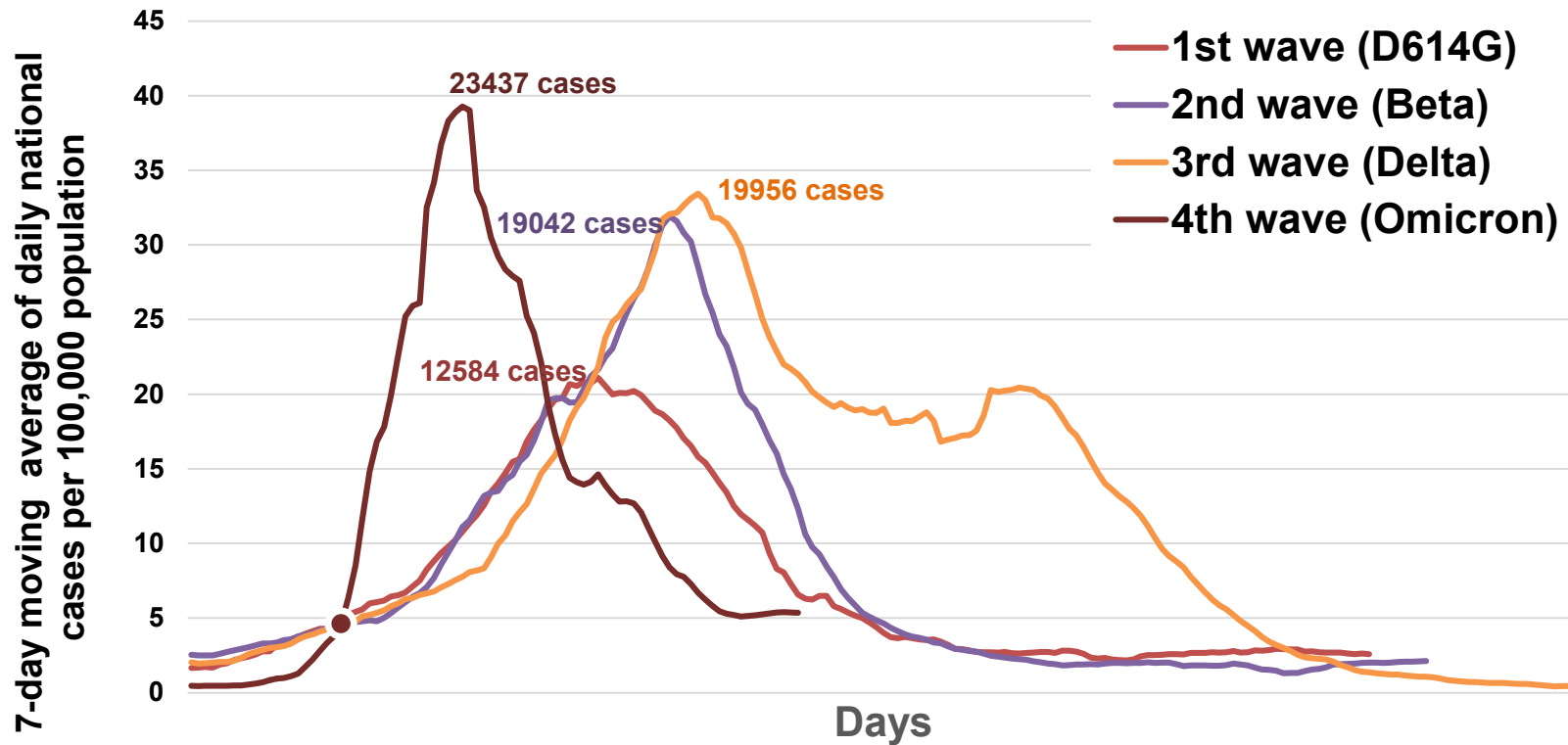
7-day moving average of new cases, hospital admissions and in-hospital Covid-19 deaths up to - 02 February 2022



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 - 02 February 2022

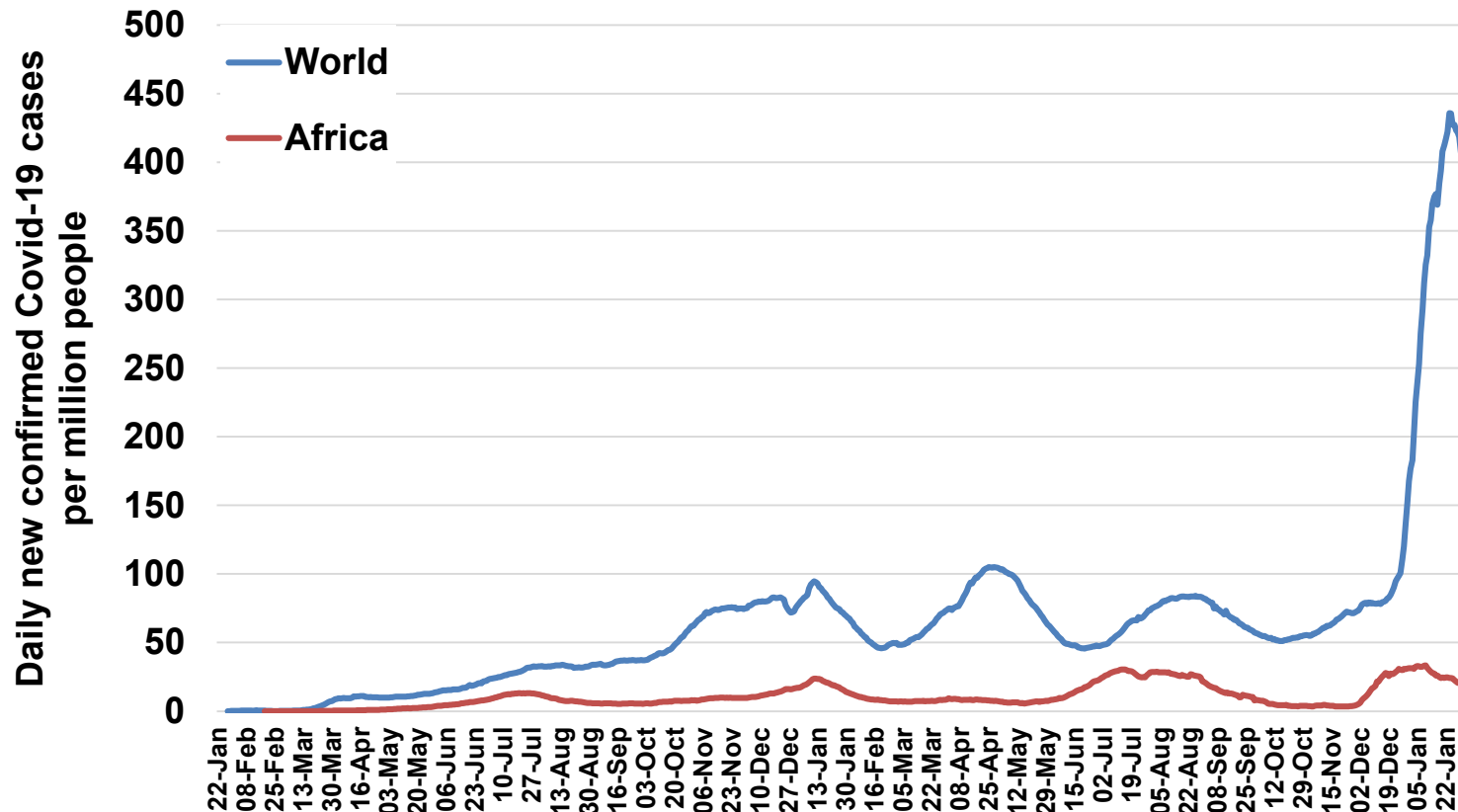


Data source: Department of Health; Analysis: Marothi LETSOALO; Ande MCHUNU

Covid-19 in Africa

Omicron variant drives 4th wave

up to - 02 February 2022



WORLD

* 378 million cumulative global case and 5.7 million deaths

AFRICA

* 10.9 million cumulative cases (2.9 % of global cases - 22 January 2020 up to 31 January 2022

* 238959 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

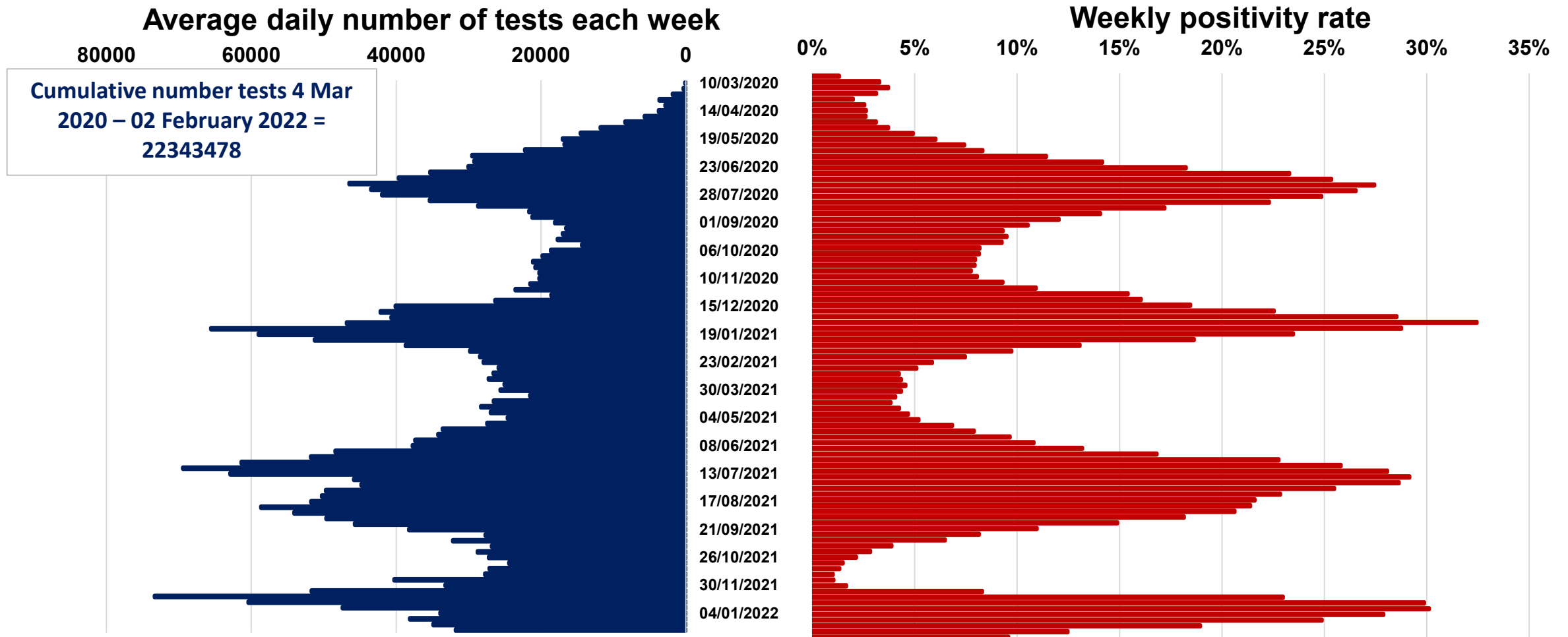
up to - 02 February 2022



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

Average daily tests and proportion of positive tests

up to – 02 February 2022

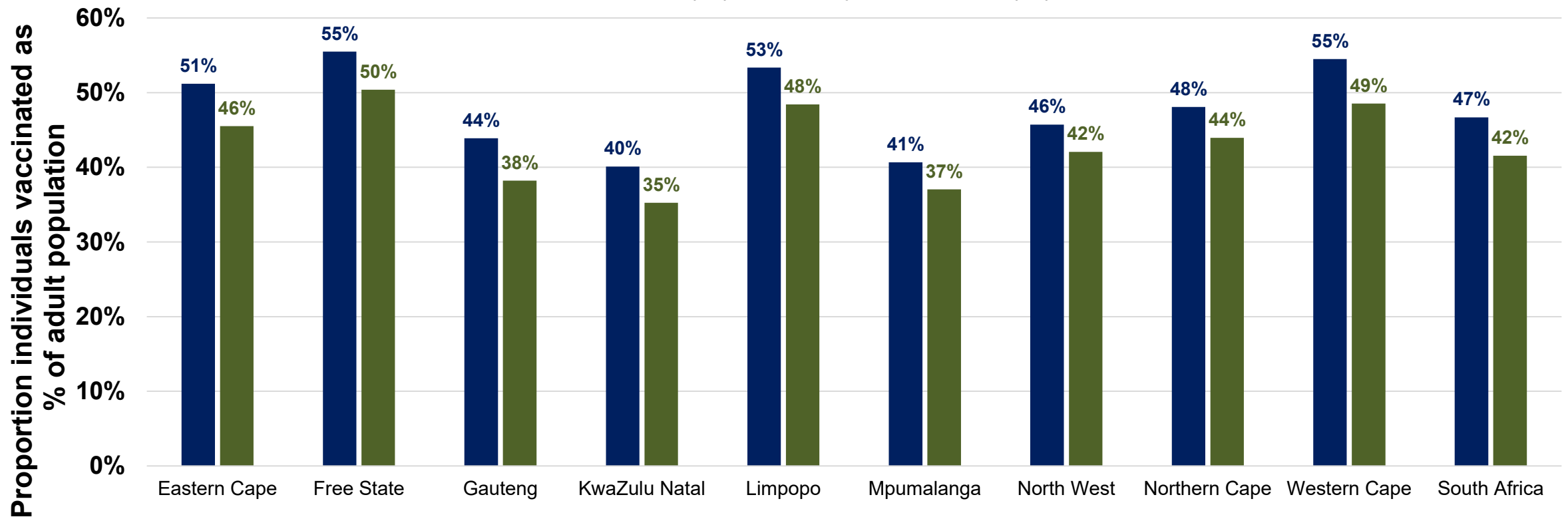


Data source: Department of Health

Proportion of individuals vaccinated as % of adult population

up to – 02 February 2022

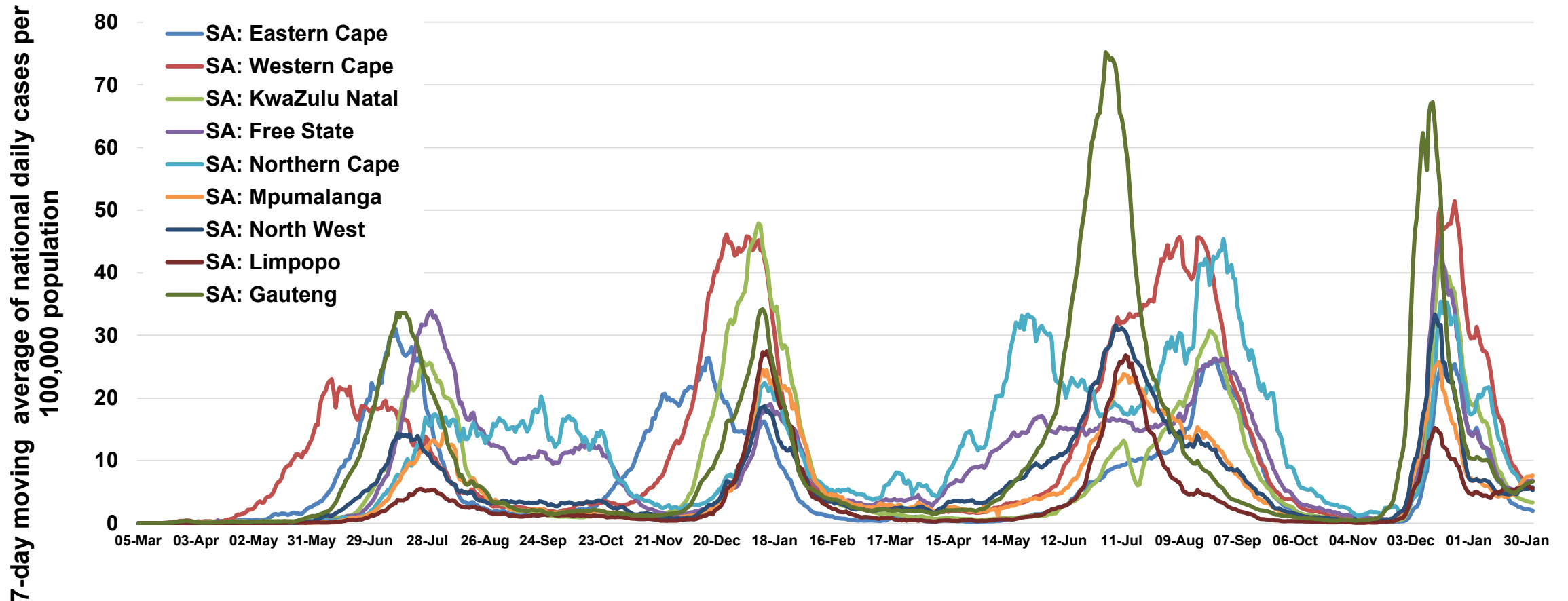
■ Vaccinated (%) ■ Fully vaccinated (%)



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 – 02 February 2022

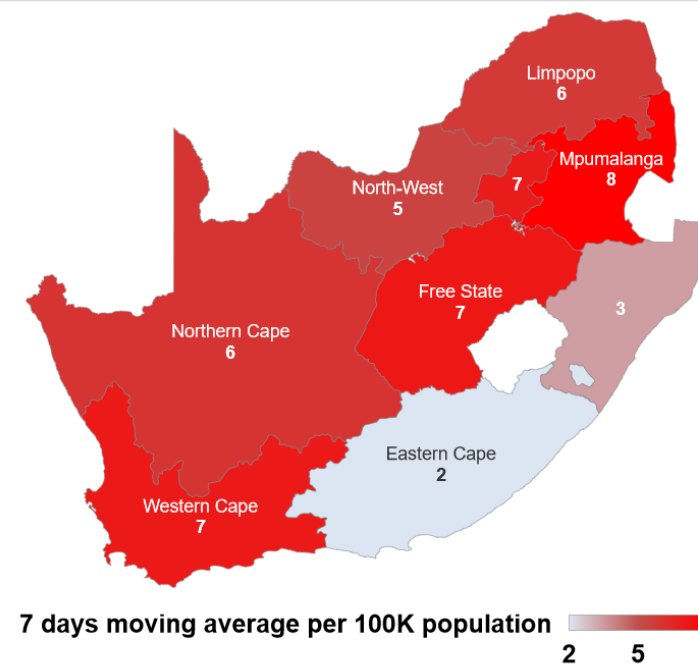


Data source: Department of Health; Analysis

Daily new cases over last 7 days/100,000

up to - 02 February 2022

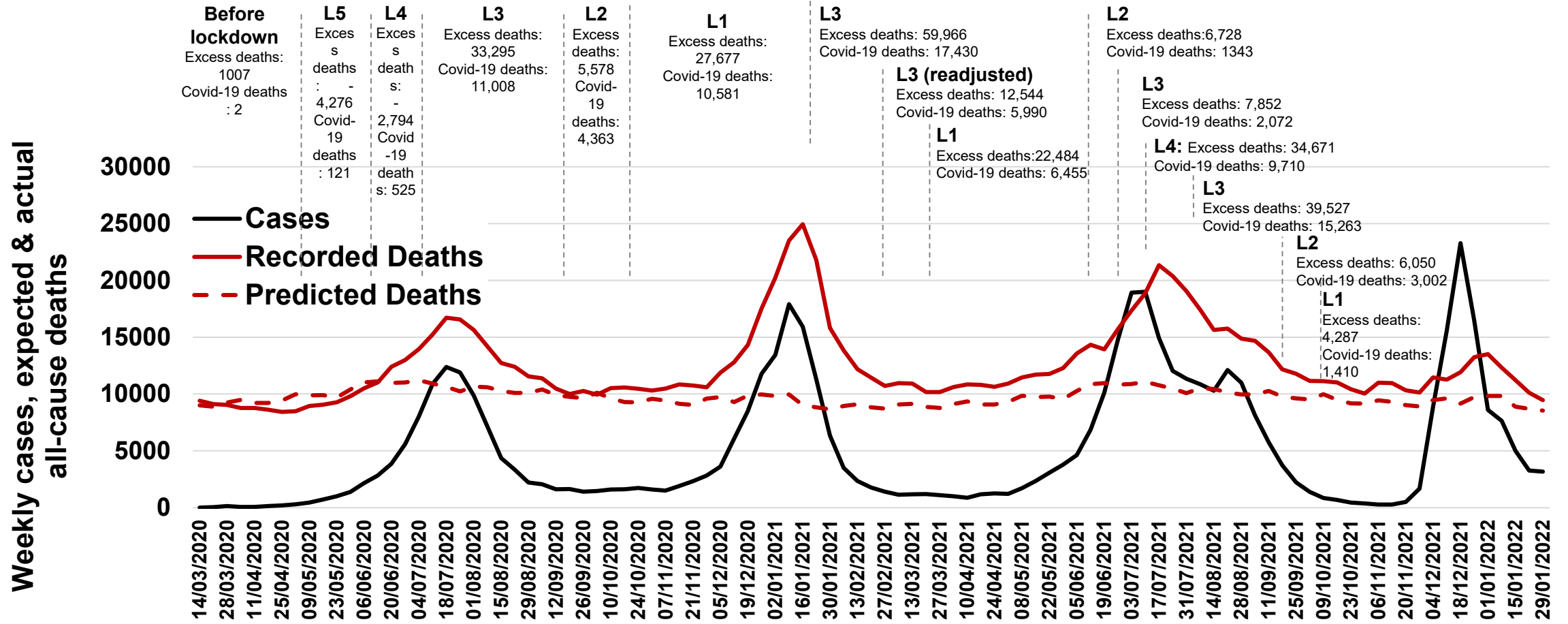
Province	Population per 100,000	7 Days Moving Average			Increase / Decrease	
		at 7 days back	Per 100K at 7 days back	at a day back		
Eastern Cape	67	170	3	135	2	-20%
Free State	29	166	6	200	7	20%
Gauteng	155	858	6	1030	7	20%
KwaZulu Natal	115	449	4	386	3	-14%
Limpopo	59	332	6	329	6	-1%
Mpumalanga	47	291	6	357	8	23%
North West	41	218	5	216	5	-1%
Northern Cape	13	83	6	75	6	-10%
Western Cape	71	524	7	474	7	-10%
South Africa	597	3091	5	3201	5	4%
Africa	13410	31112	2	26329	2	-15%
World	77952	3364728	43	3170539	41	-6%



Data source: Department of Health

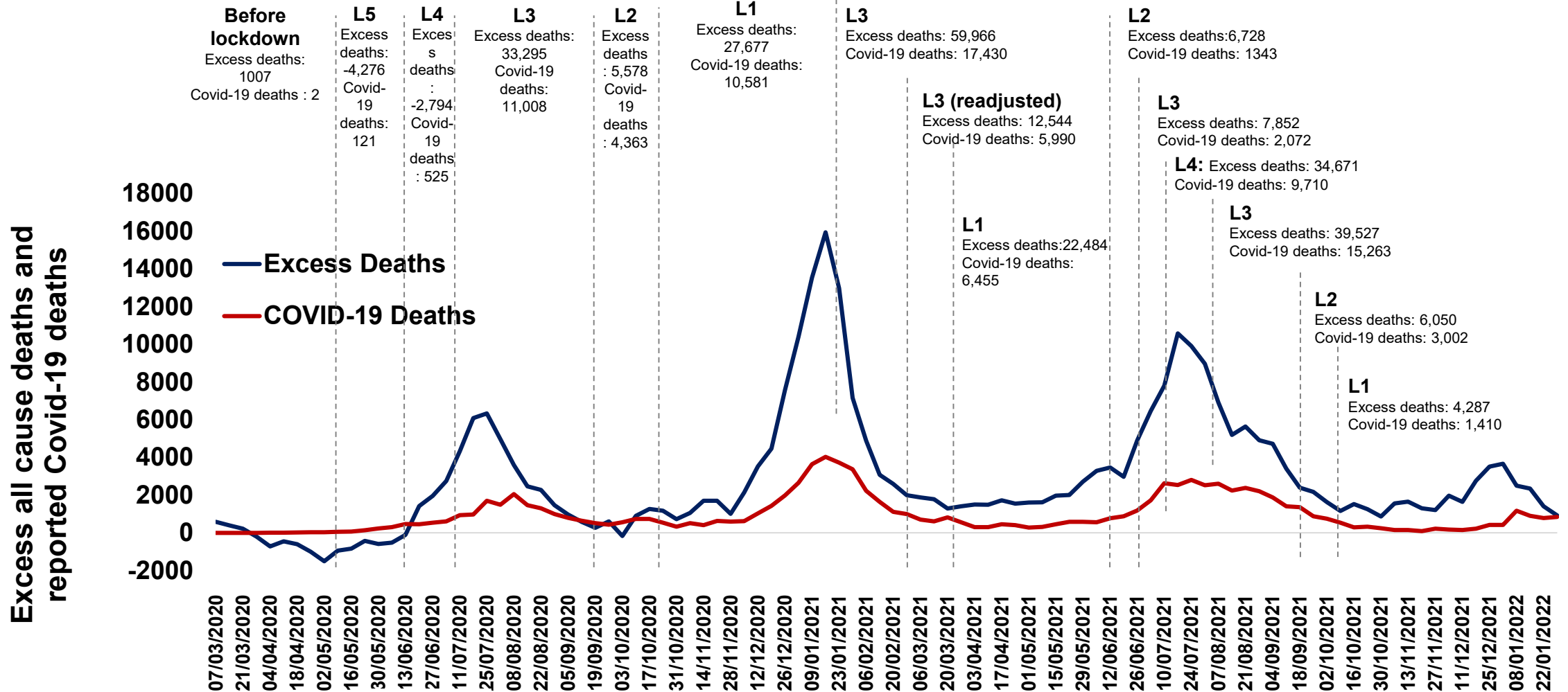
Expected & actual all-cause deaths during Covid-19

up to - 29 January 2022



Weekly excess all cause deaths & reported Covid-19 deaths

up to - 29 January 2022



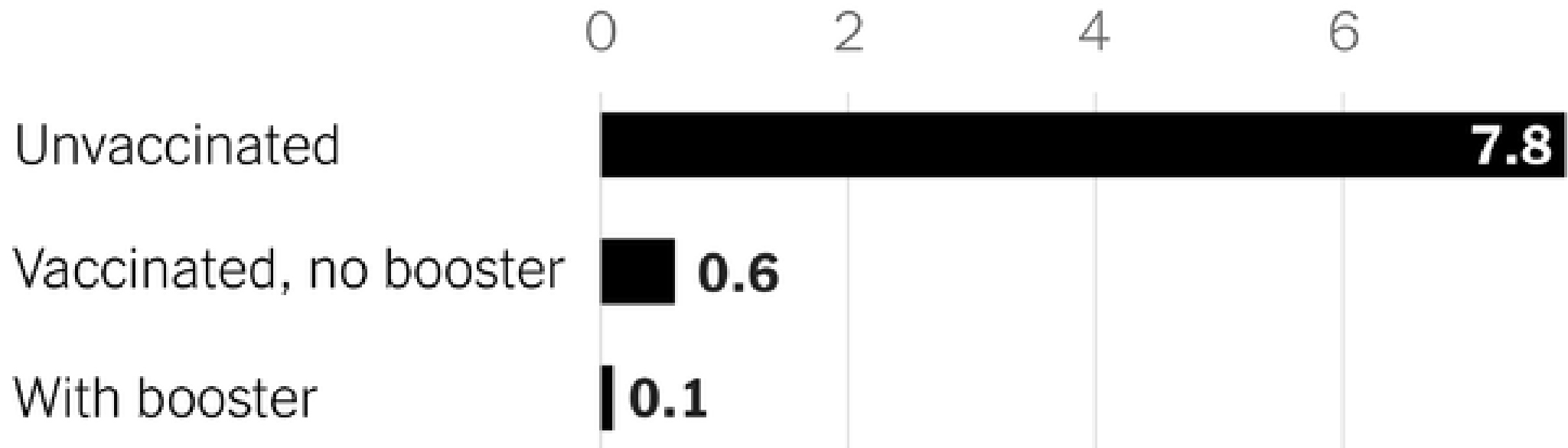
Source: Bradshaw D, et al



CDC report on the benefits on booster doses

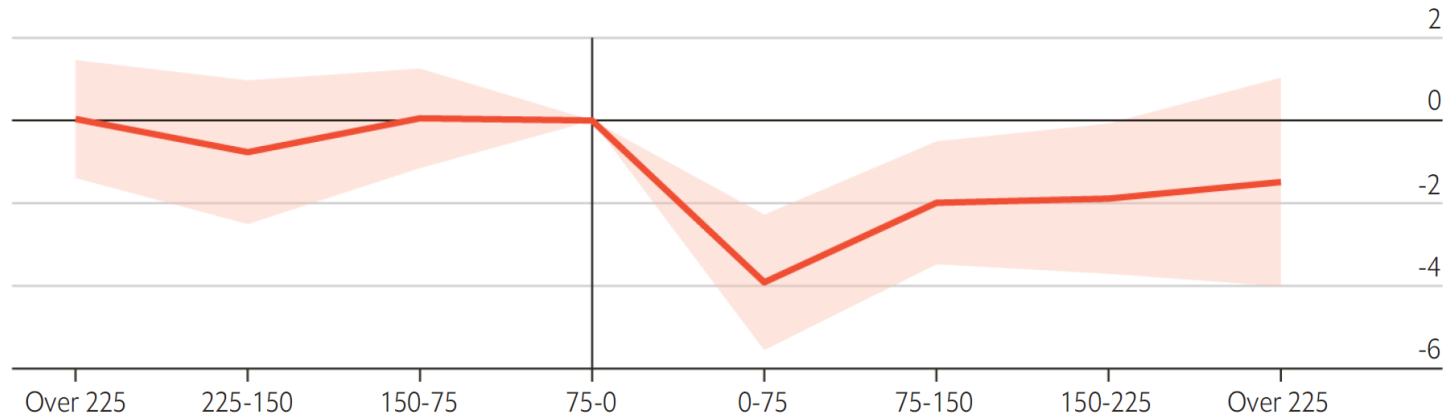
Weekly average deaths per 100,000

From Oct. to Nov. 2021



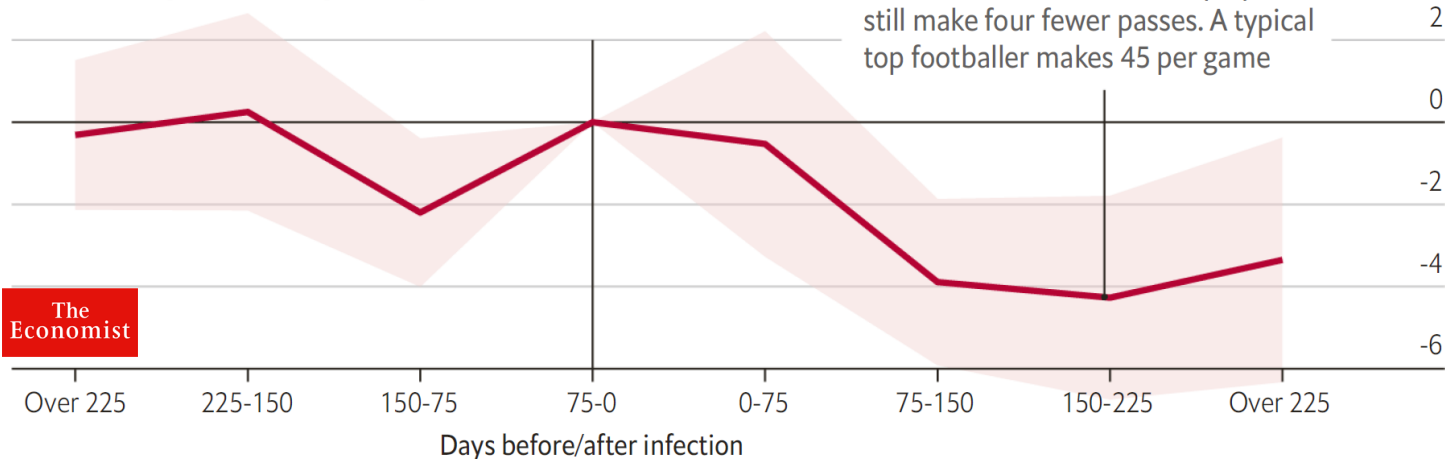
Covid-19 effects - much more than hospitalisation

Number of minutes played per game



Study in top US football players shows that the effects of Covid-19 linger for many months

Number of passes completed per 90 minutes

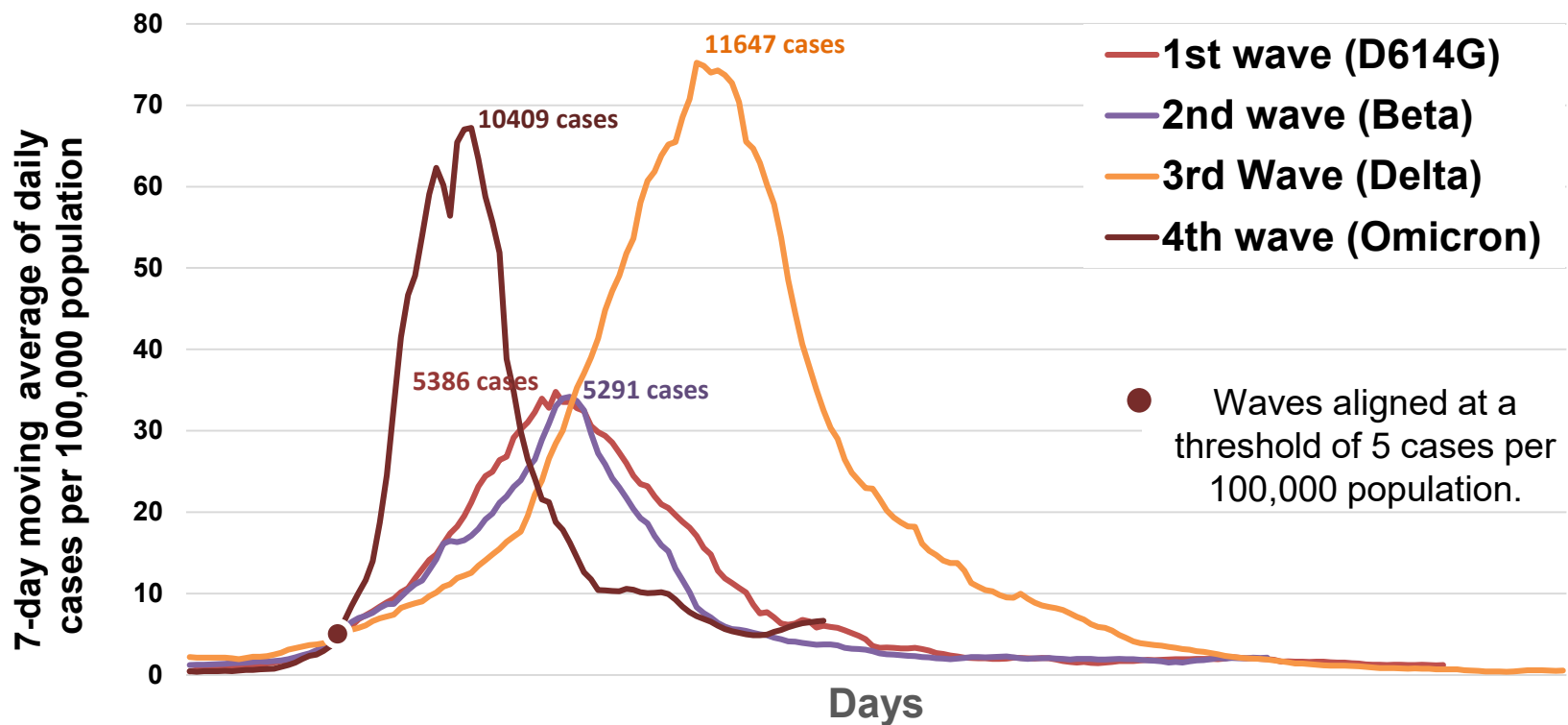


Long after infection, players who had Covid-19 play fewer minutes and complete fewer passes when they are playing

The Economist

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

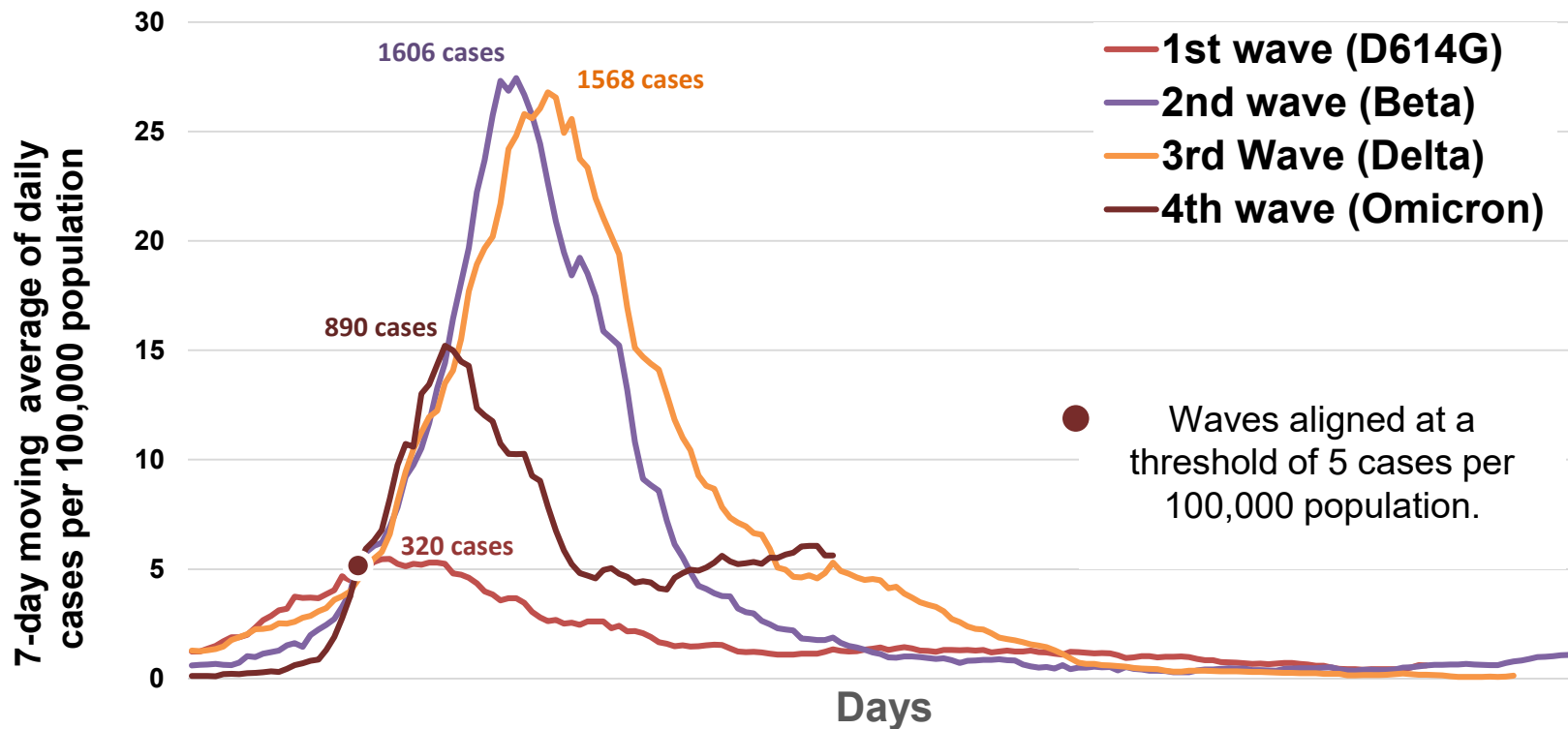
7-day moving average cases per 100,000 population
up to - 02 February 2022



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

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

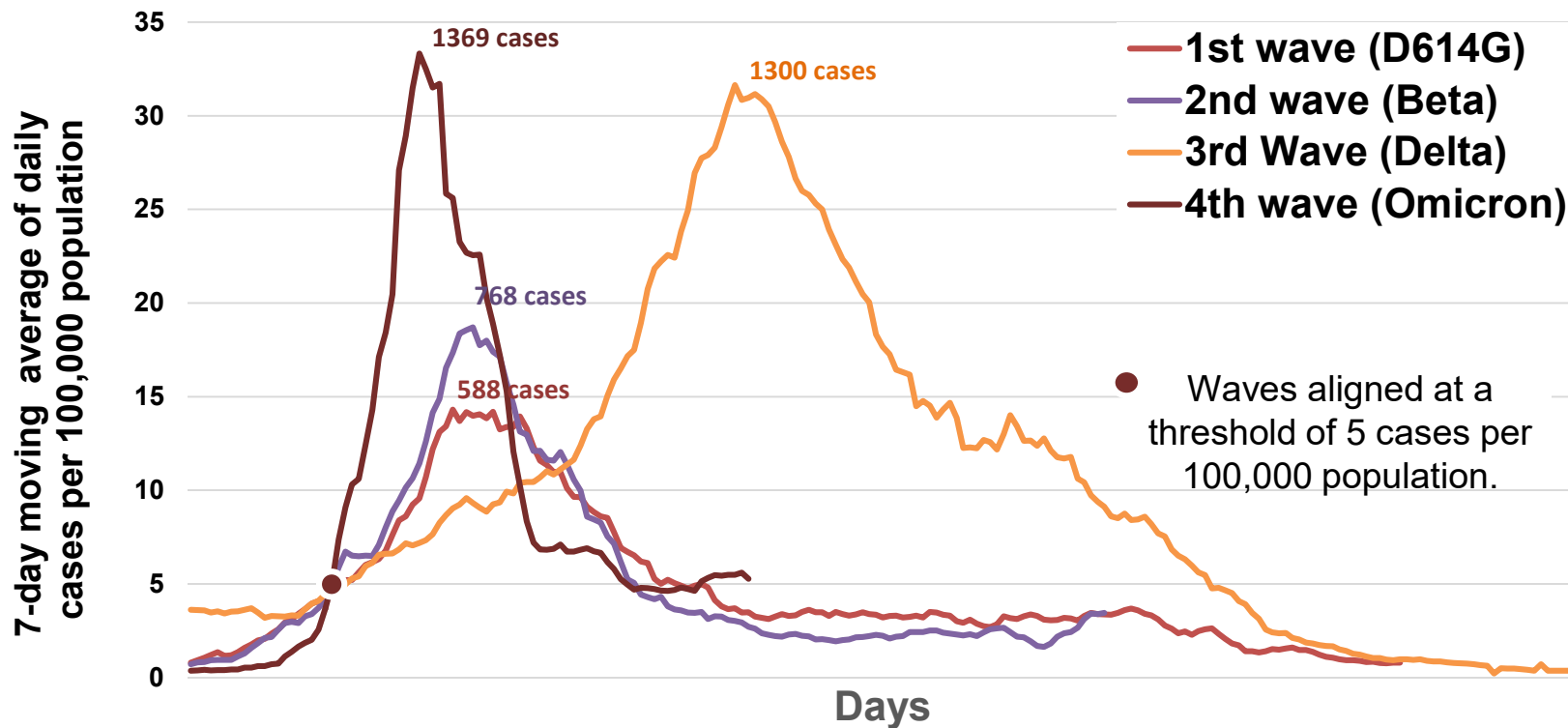
7-day moving average cases per 100,000 population
up to - 02 February 2022



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

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

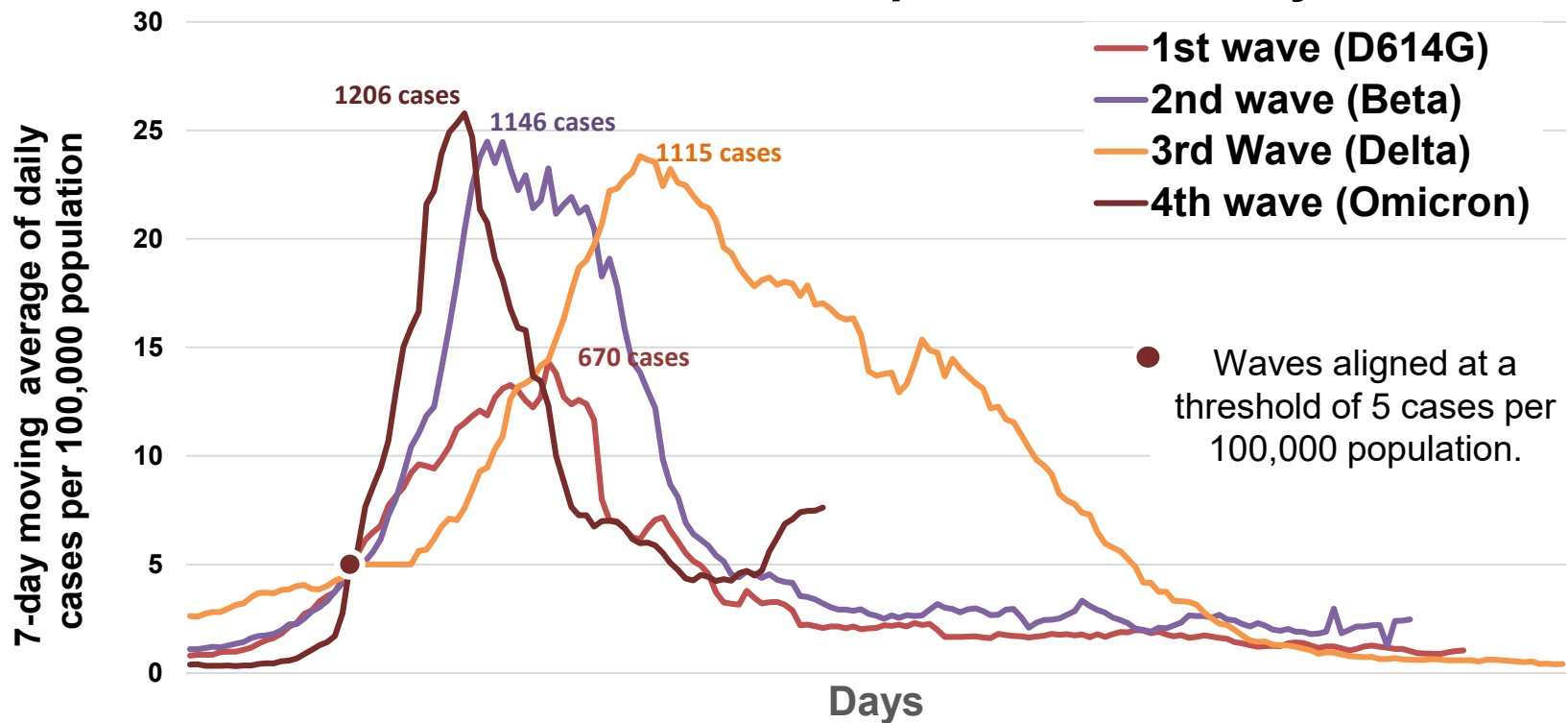
7-day moving average cases per 100,000 population
up to - 02 February 2022



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

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

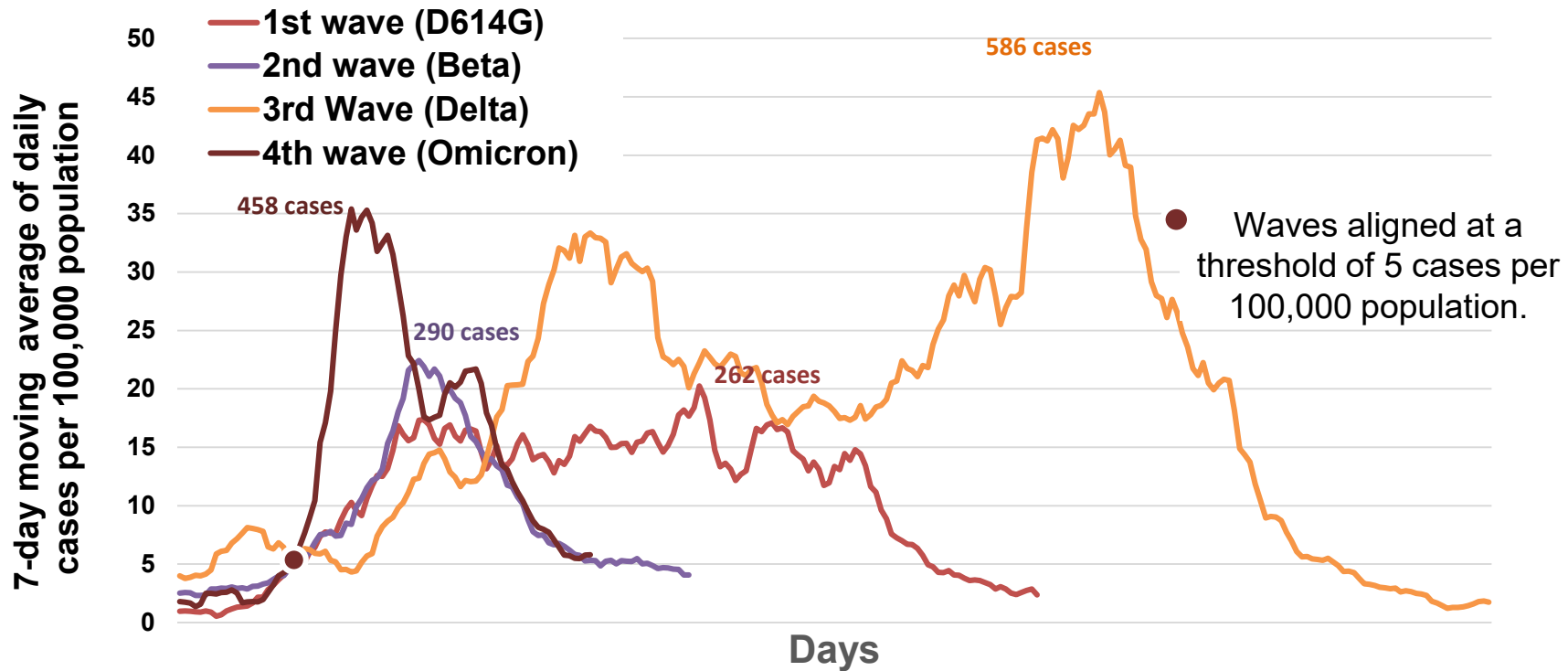
7-day moving average cases per 100,000 population
up to - 02 February 2022



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

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

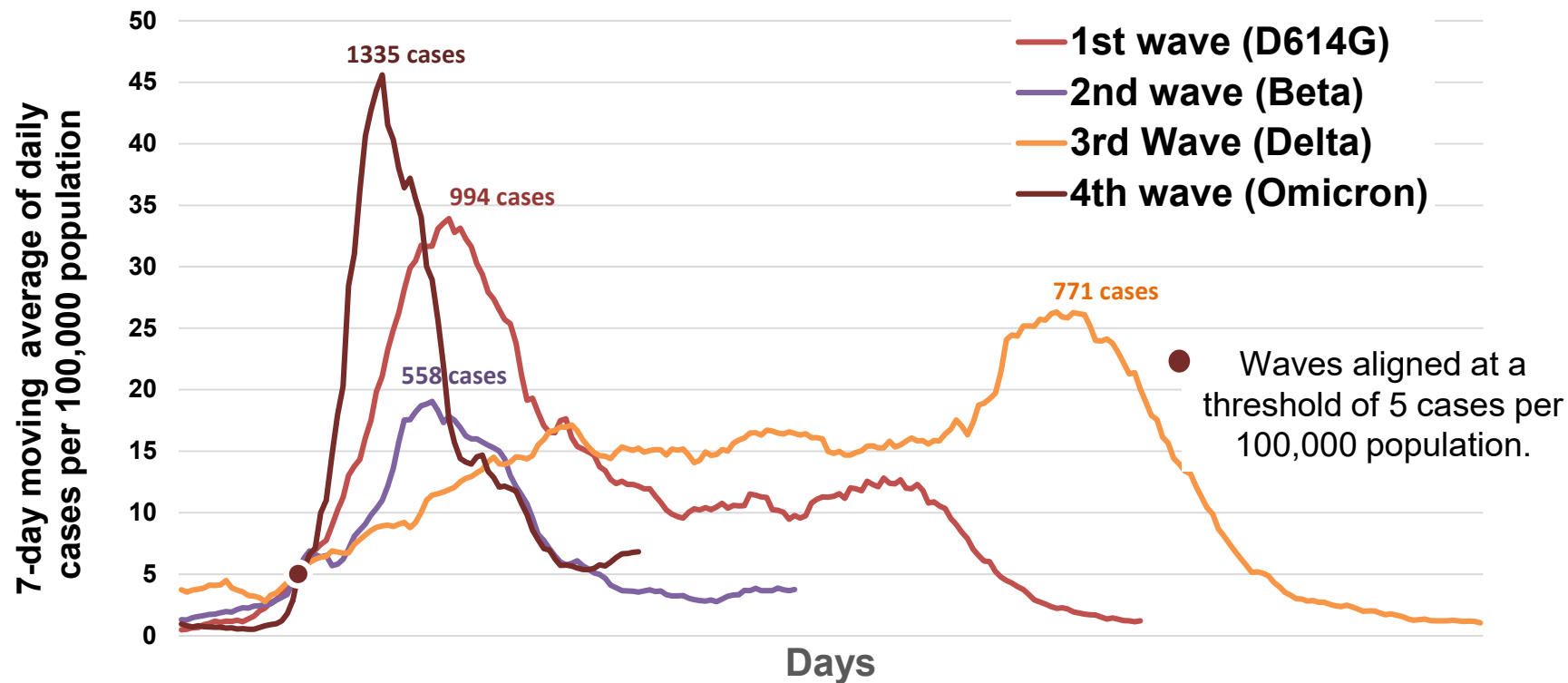
7-day moving average cases per 100,000 population up to - 02 February 2022



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

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

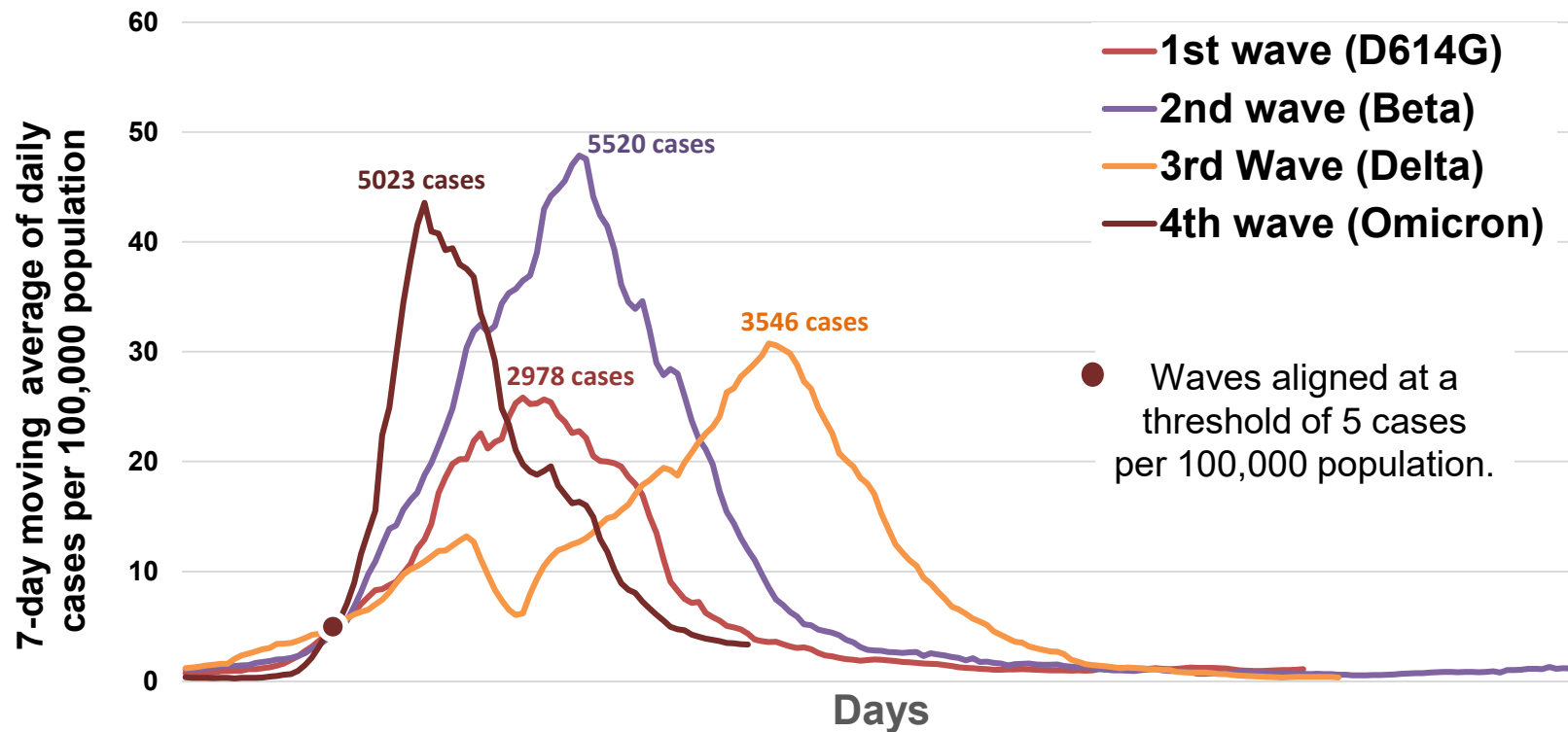
7-day moving average cases per 100,000 population
up to - 02 February 2022



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

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

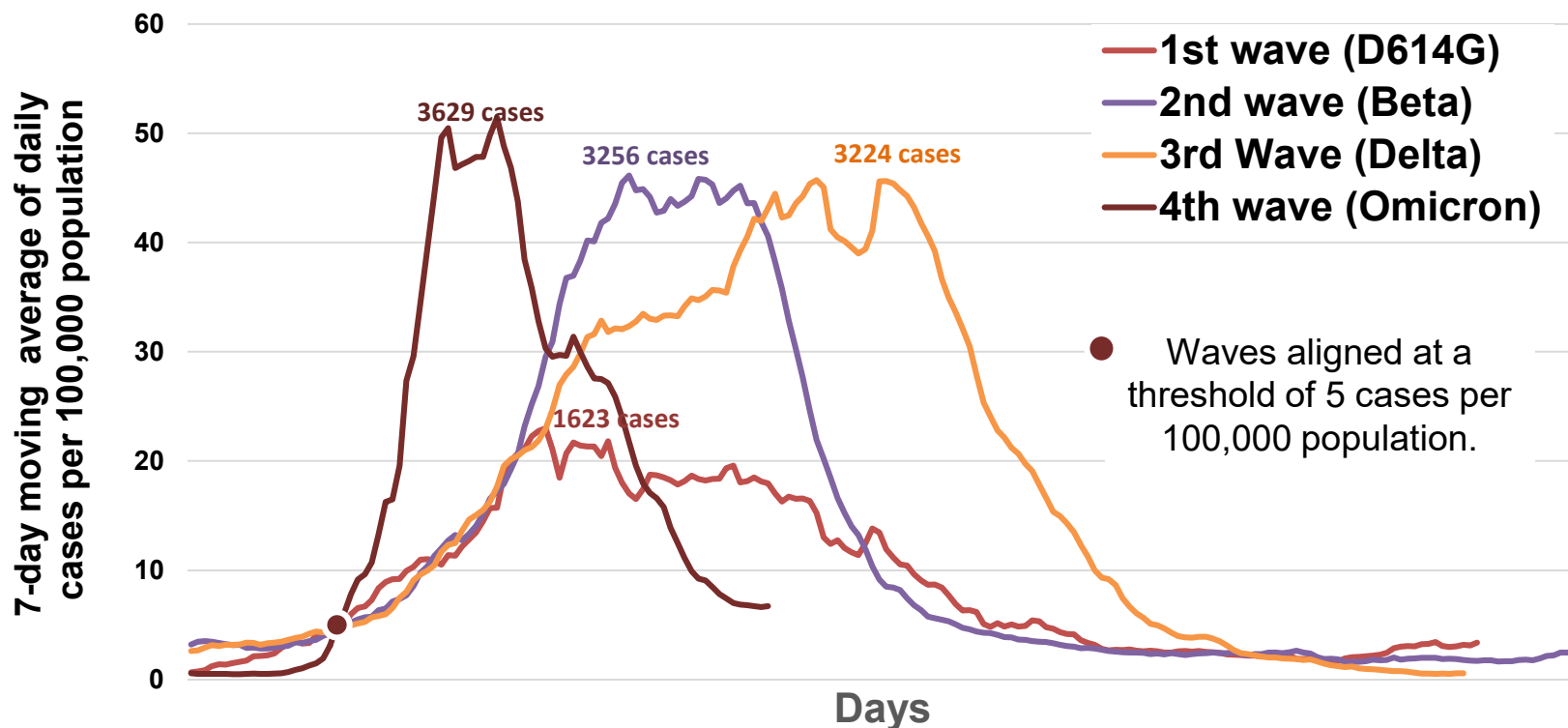
7-day moving average cases per 100,000 population
up to - 02 February 2022



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

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

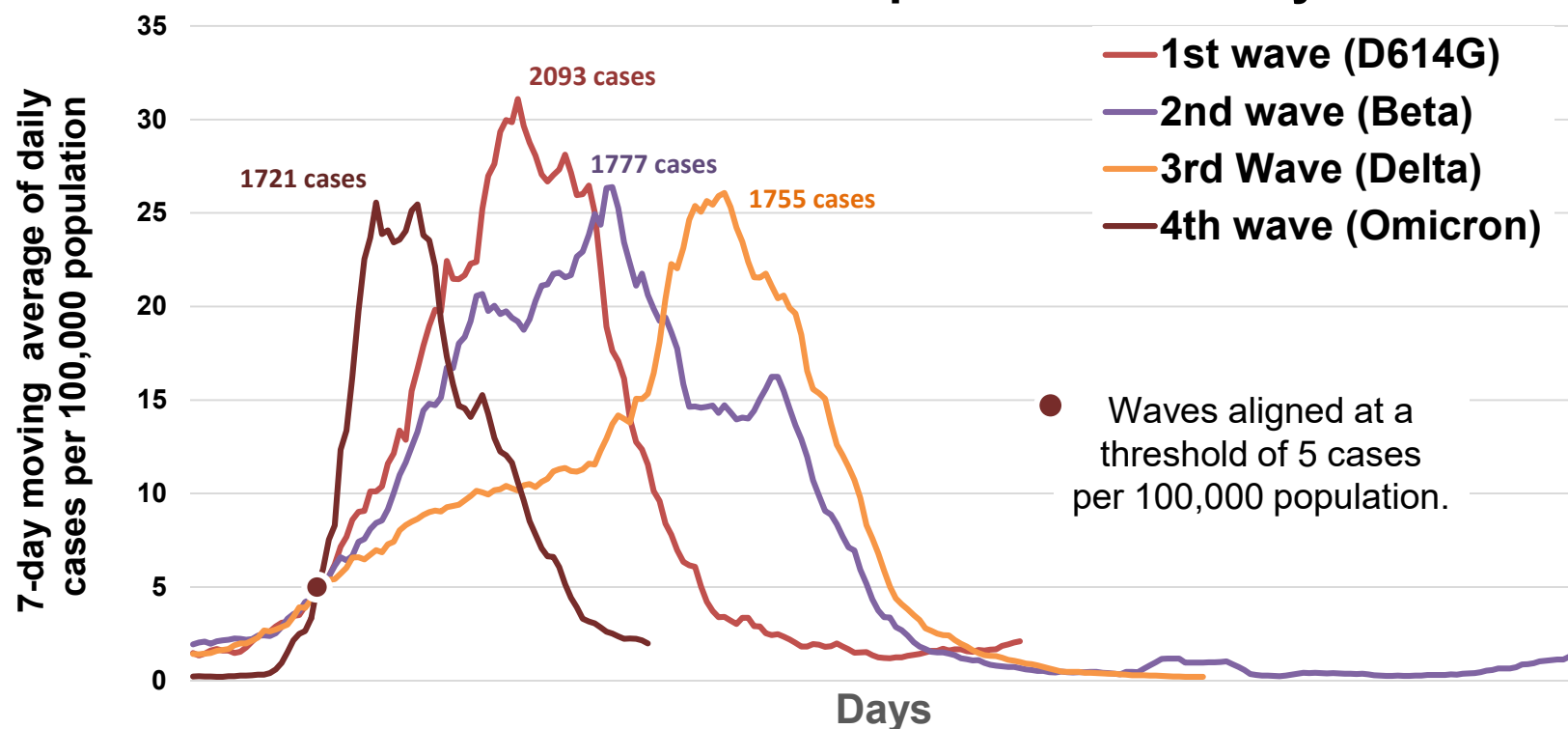
7-day moving average cases per 100,000 population
up to - 02 February 2022



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 - 02 February 2022



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