

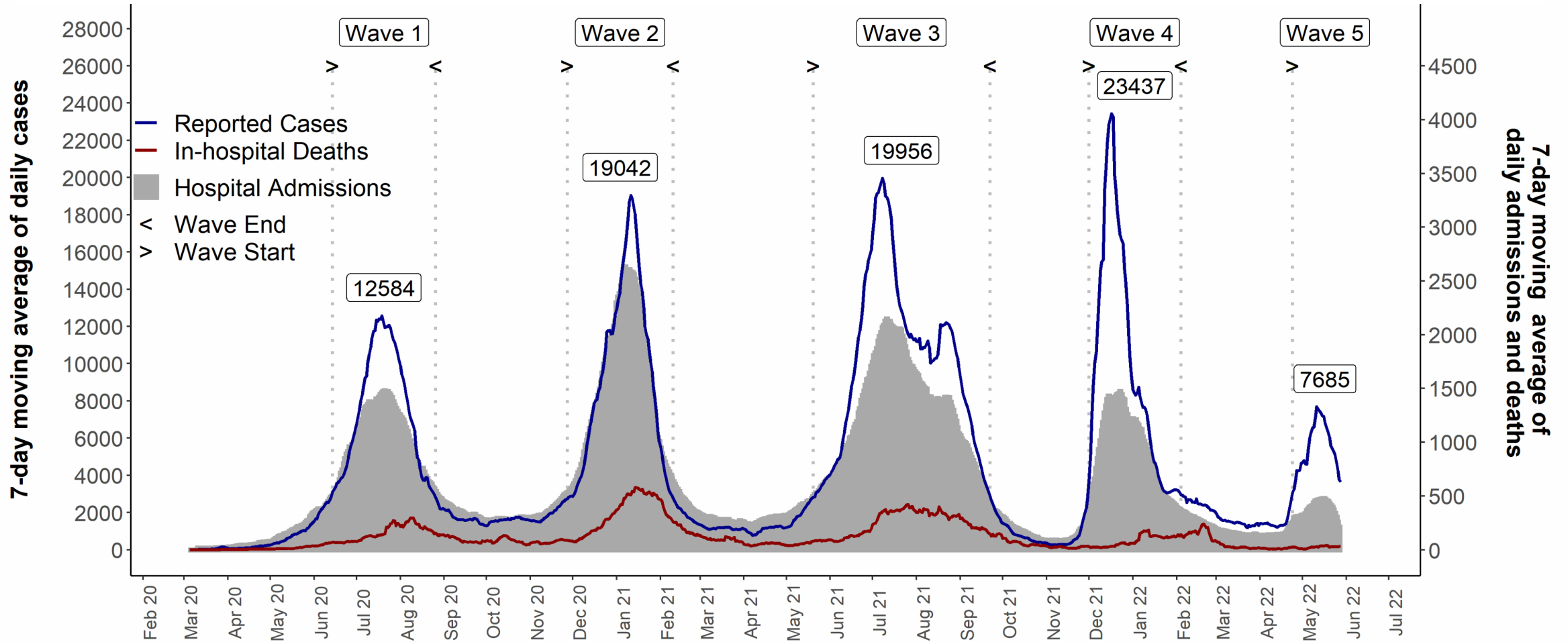


COVID-19 UPDATES

30 May 2022

Covid-19 in South Africa

up to - 28 May 2022

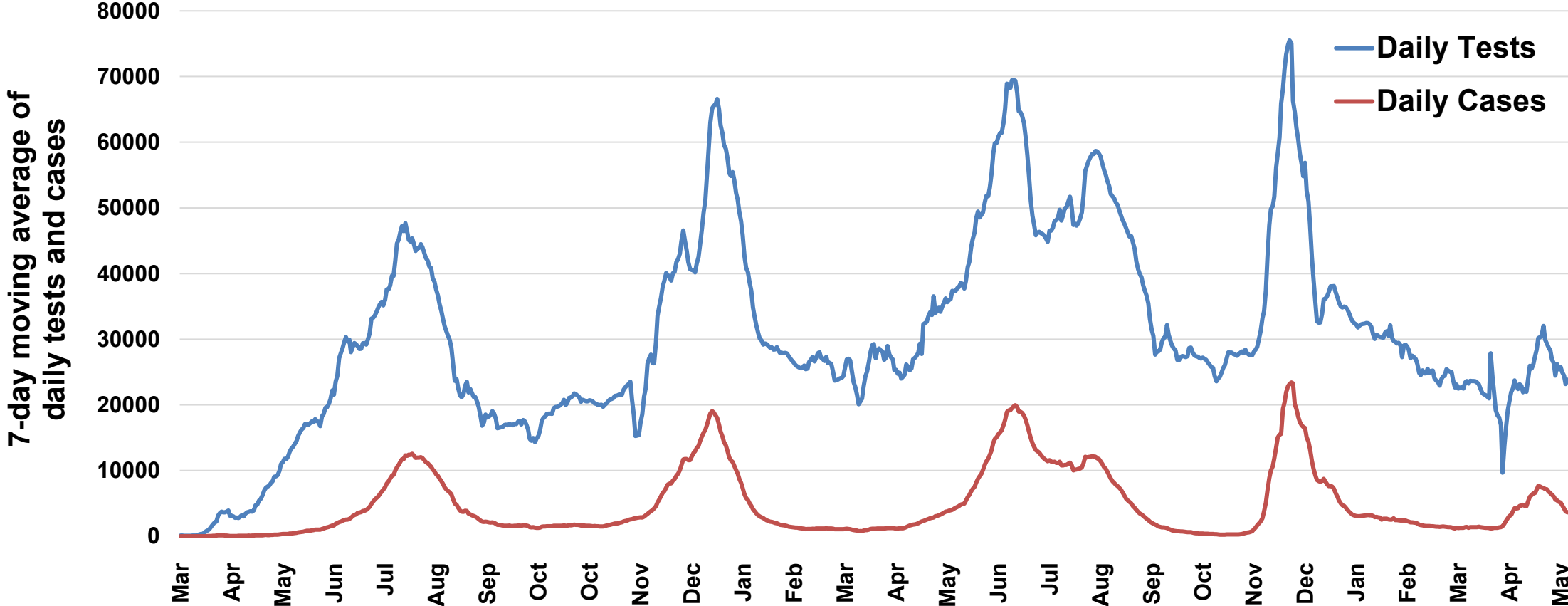


Source of hospital admissions data: Lucille Blumberg, Richard Welch and Waasila Jassat – DATCOV, NICD

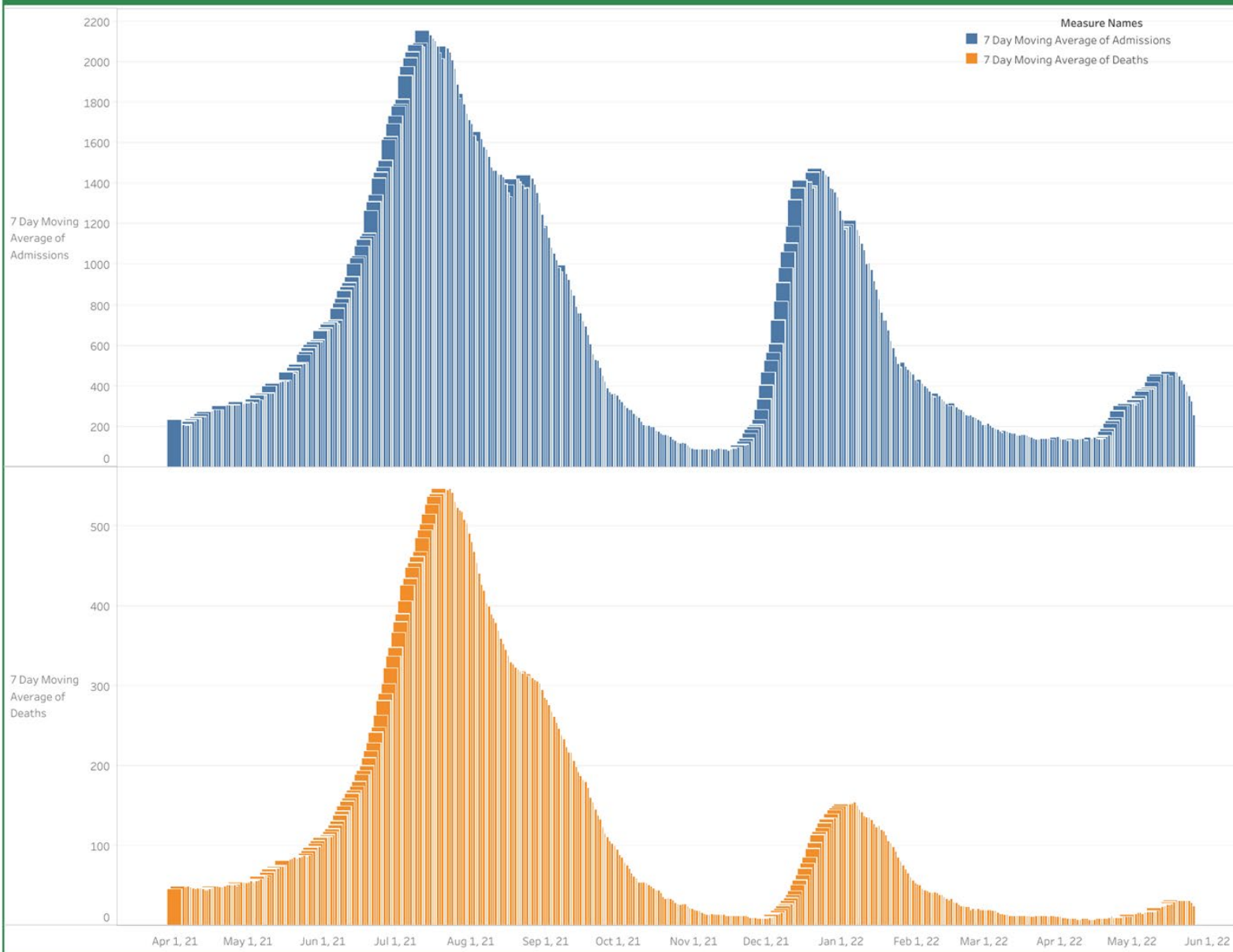
Covid-19 tests and cases in South Africa

7-day moving average cases per 100,000 population

up to - 28 May 2022



DATCOV Hospital Admissions and In-Hospital Deaths, 7-Day Moving Average - National



South Africa: National hospital admissions & in-hospital deaths

Data up to - 24 May 2022

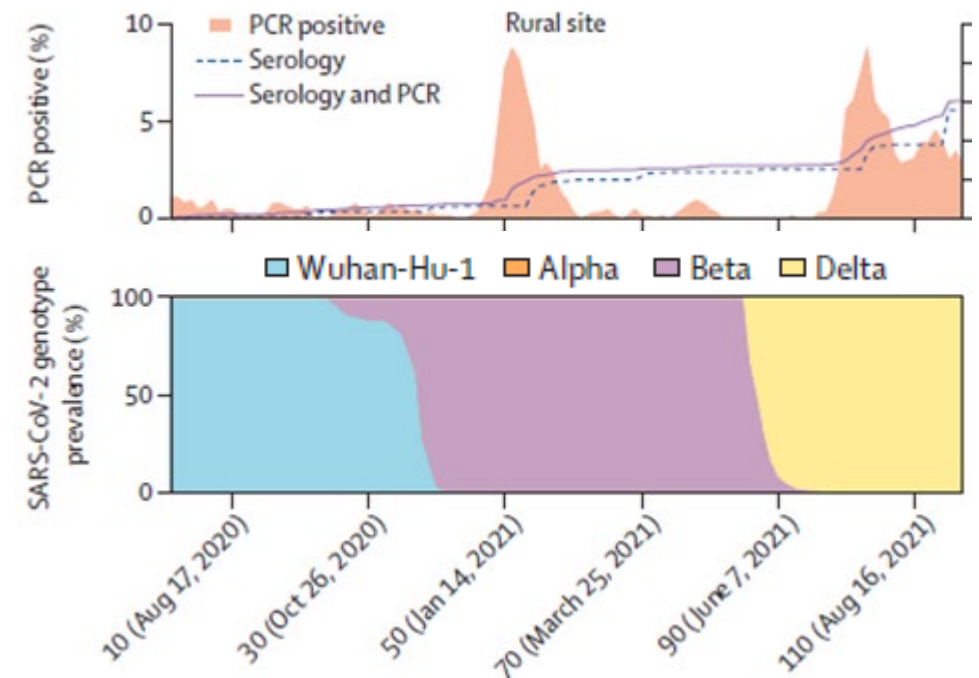
Longitudinal community experience of Covid-19

THE LANCET
Infectious Diseases

SARS-CoV-2 incidence, transmission, and reinfection in a rural and an urban setting: results of the PHIRST-C cohort study, South Africa, 2020–21

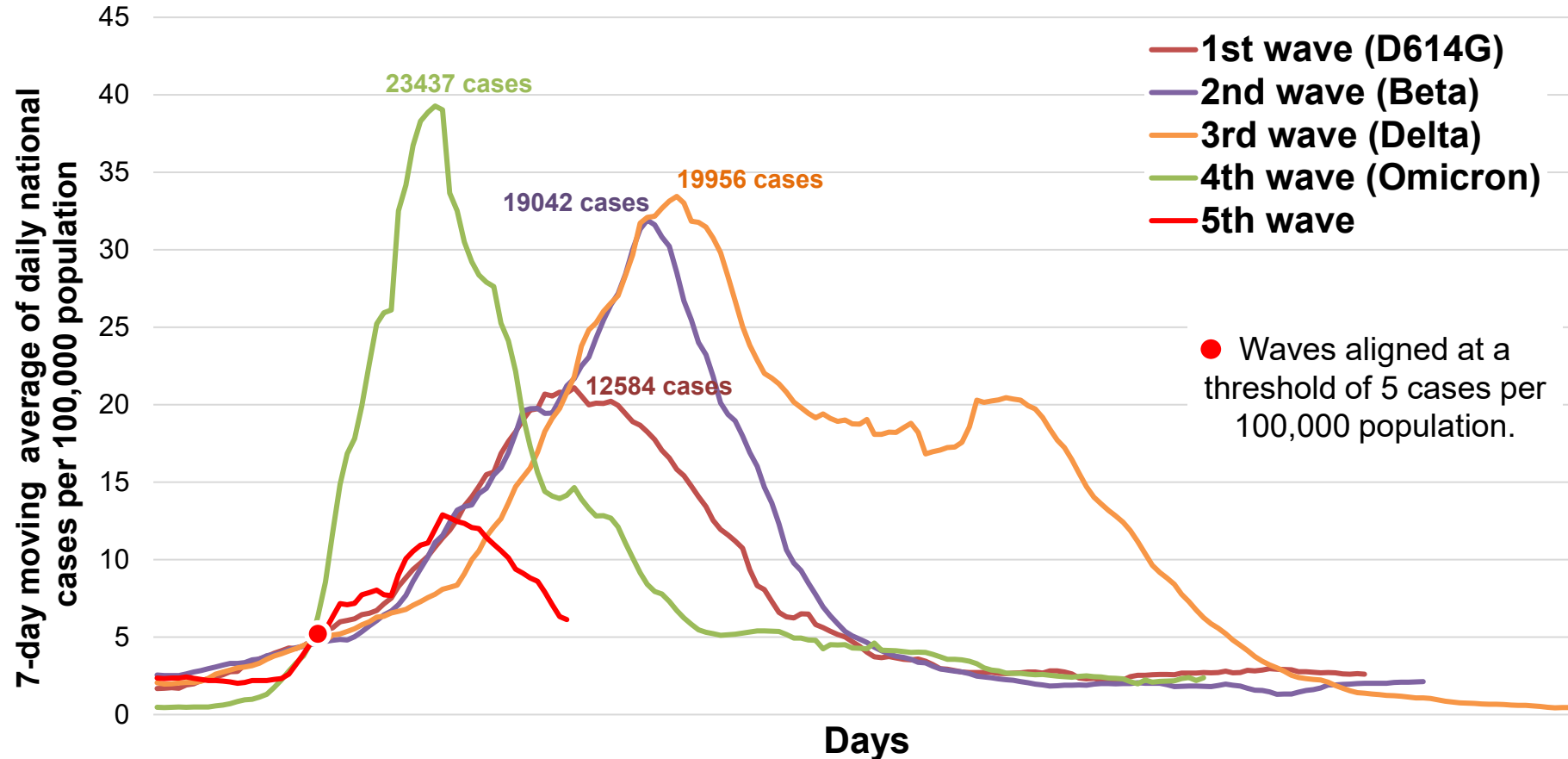
Cheryl Cohen, Jackie Kleynhans, Anne von Gottberg, Meredith L McMorrow, Nicole Wolter, Jinal N Bhiman, Jocelyn Moyes, Mignon du Plessis, Maimuna Carrim, Amelia Ruus, Neil A Martinson, Kathleen Kahn, Stephen Tollman, Limakatso Lehina, Floidu Wafawonaka, Isaacus D du Toit

- **115,759 nasal swabs from 1,200 people in 222 households in cohort**
- **62%** (749/1200) **infected by end of Delta wave**
- **12%** (n=87) **Covid+ detected only on serology**
- **12%** (87/749) **acquired more than 1 infection**
- **6 out of 7 (85%) Covid+ had no symptoms**
- **Household contact infection rate = 24%** - no difference whether index was symptomatic



SARS-Cov-2 cases waves: South Africa

up to - 28 May 2022



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

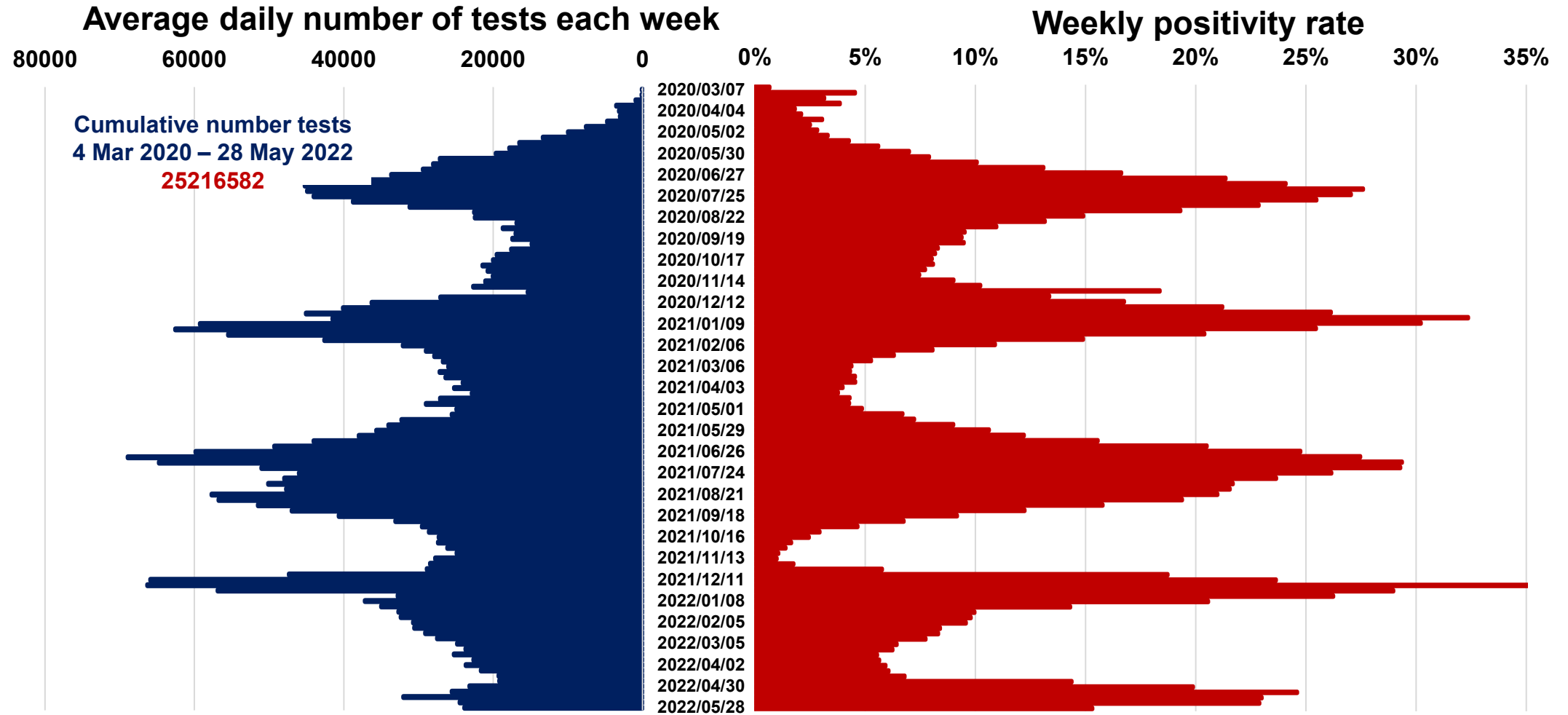
up to - 19 May 2022



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

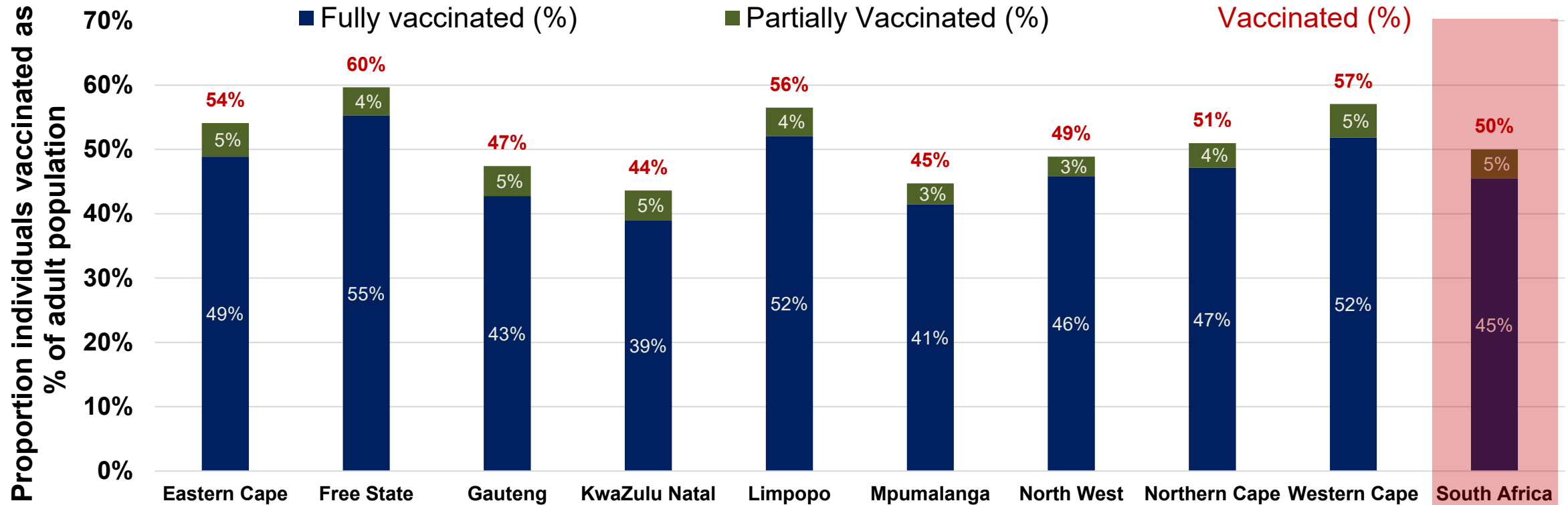
Average daily tests and proportion of positive tests

up to – 28 May 2022



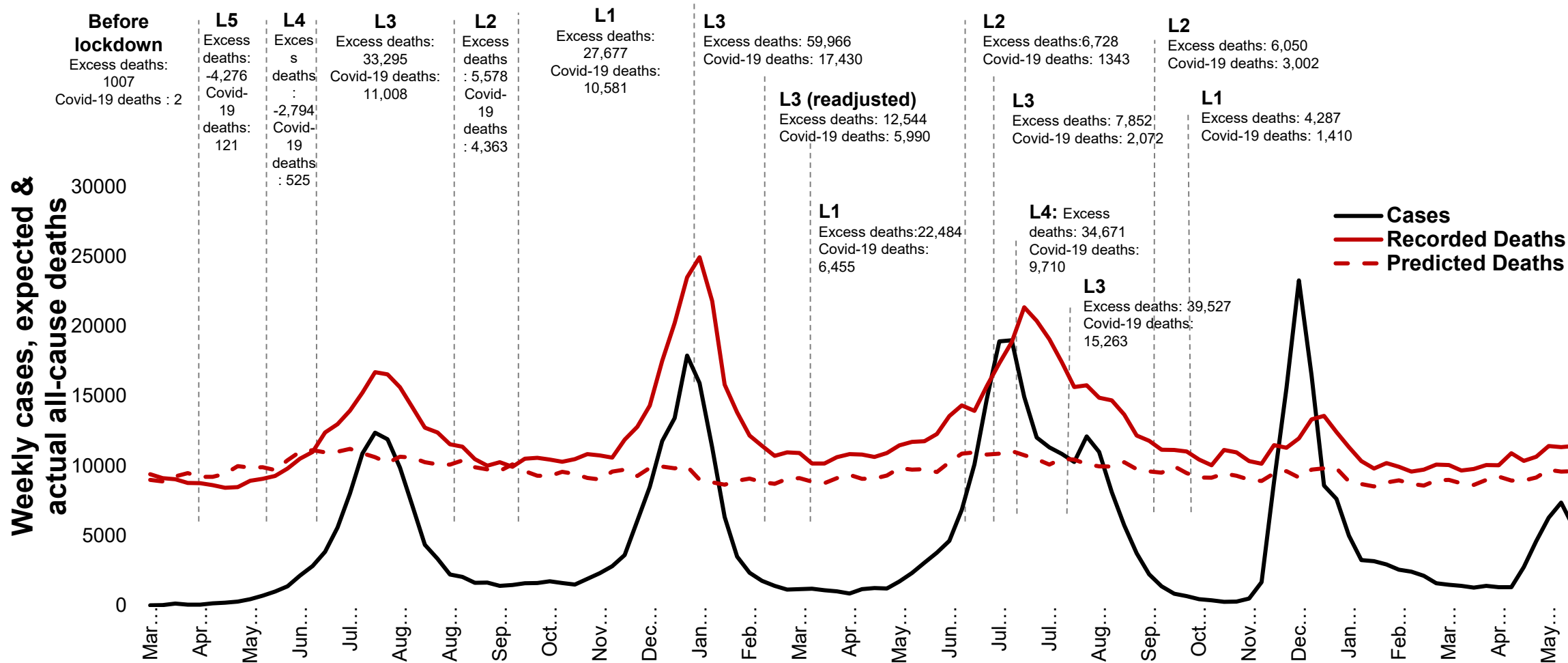
Proportion of individuals vaccinated as % of adult population

up to – 28 May 2022



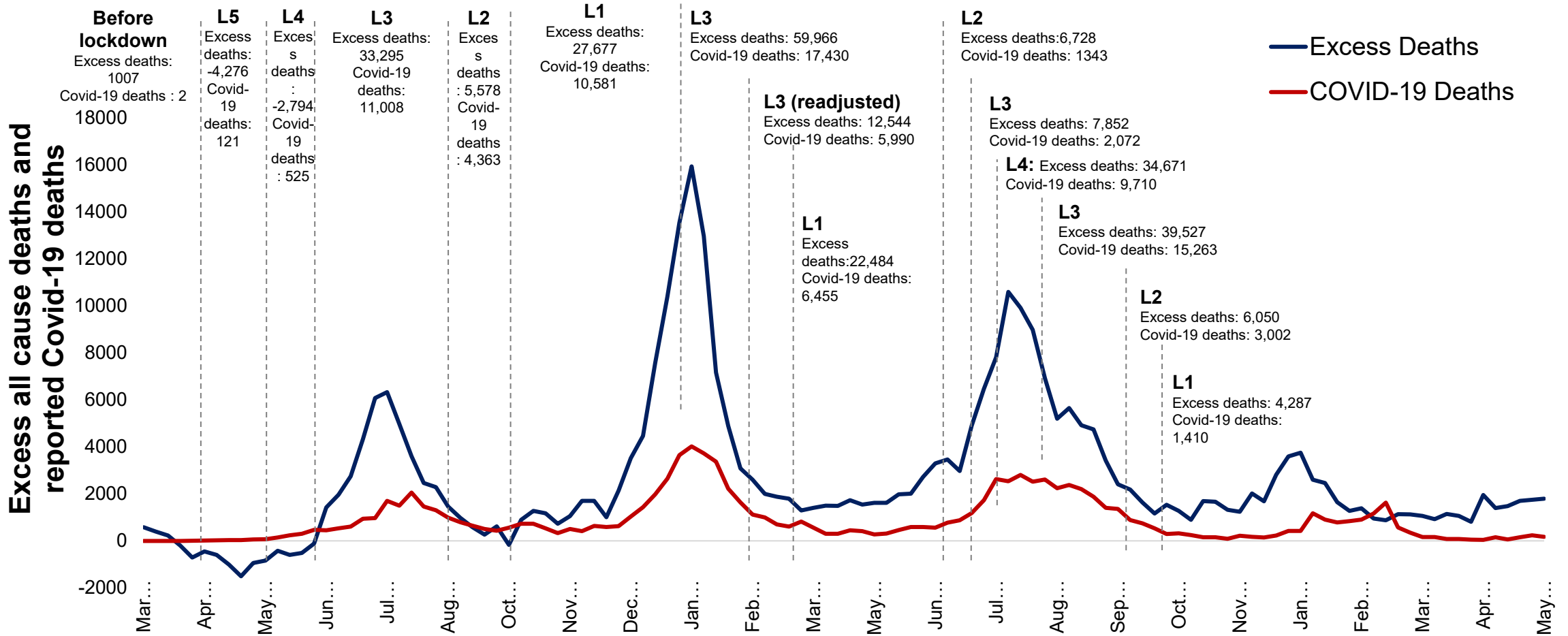
Expected & actual all-cause deaths during Covid-19

up to – 21 May 2022



Weekly excess all cause deaths & reported Covid-19 deaths

up to – 21 May 2022

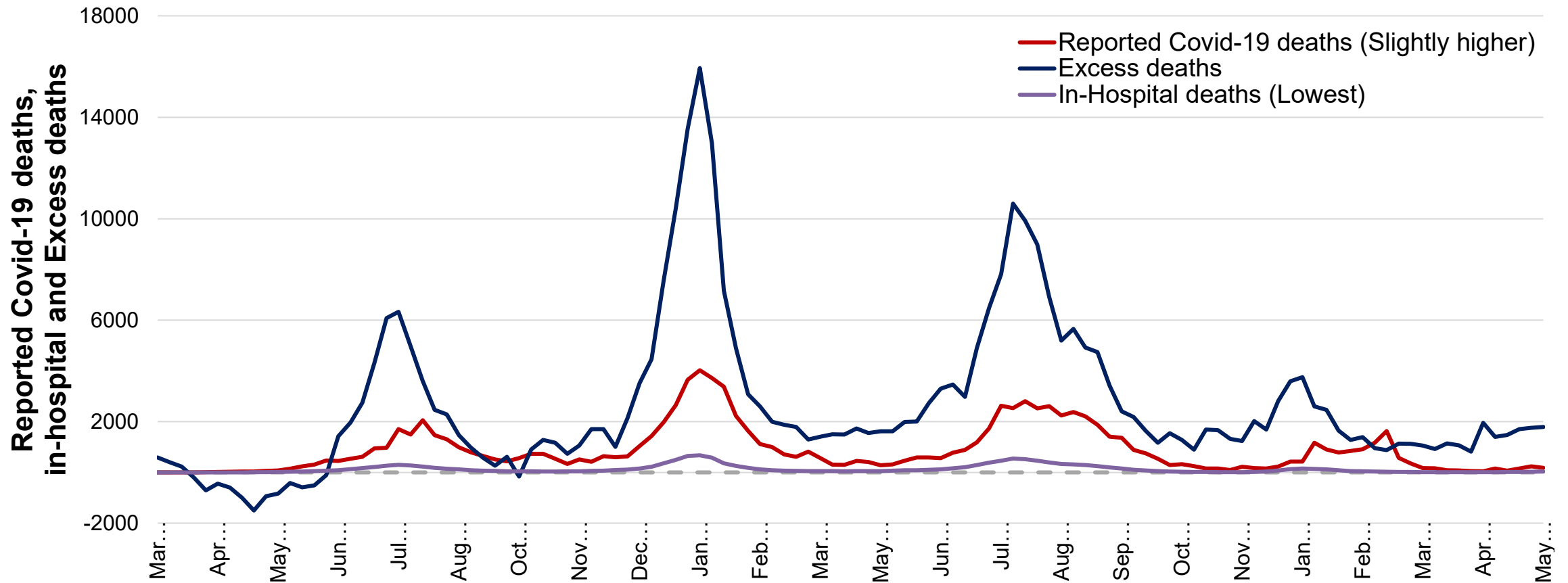


Source: Bradshaw et al.



Weekly In-hospital deaths, all reported Covid-19 deaths and excess deaths

In-hospital deaths (lowest), all reported Covid-19 deaths (slightly higher), and excess deaths
up to – 21 May 2022

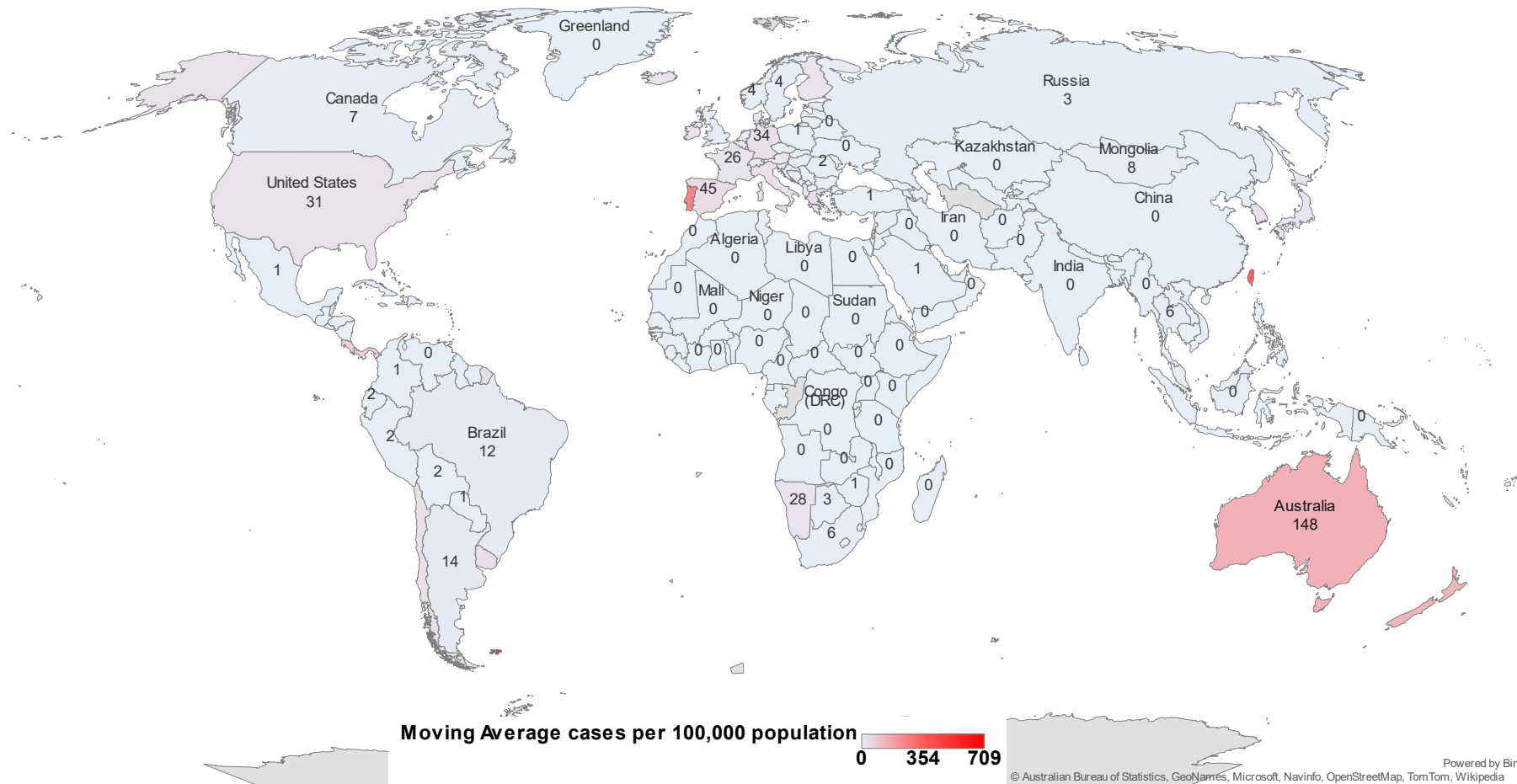


Source: Bradshaw et al.

Global epidemiology: Reported cases by country, region and the world

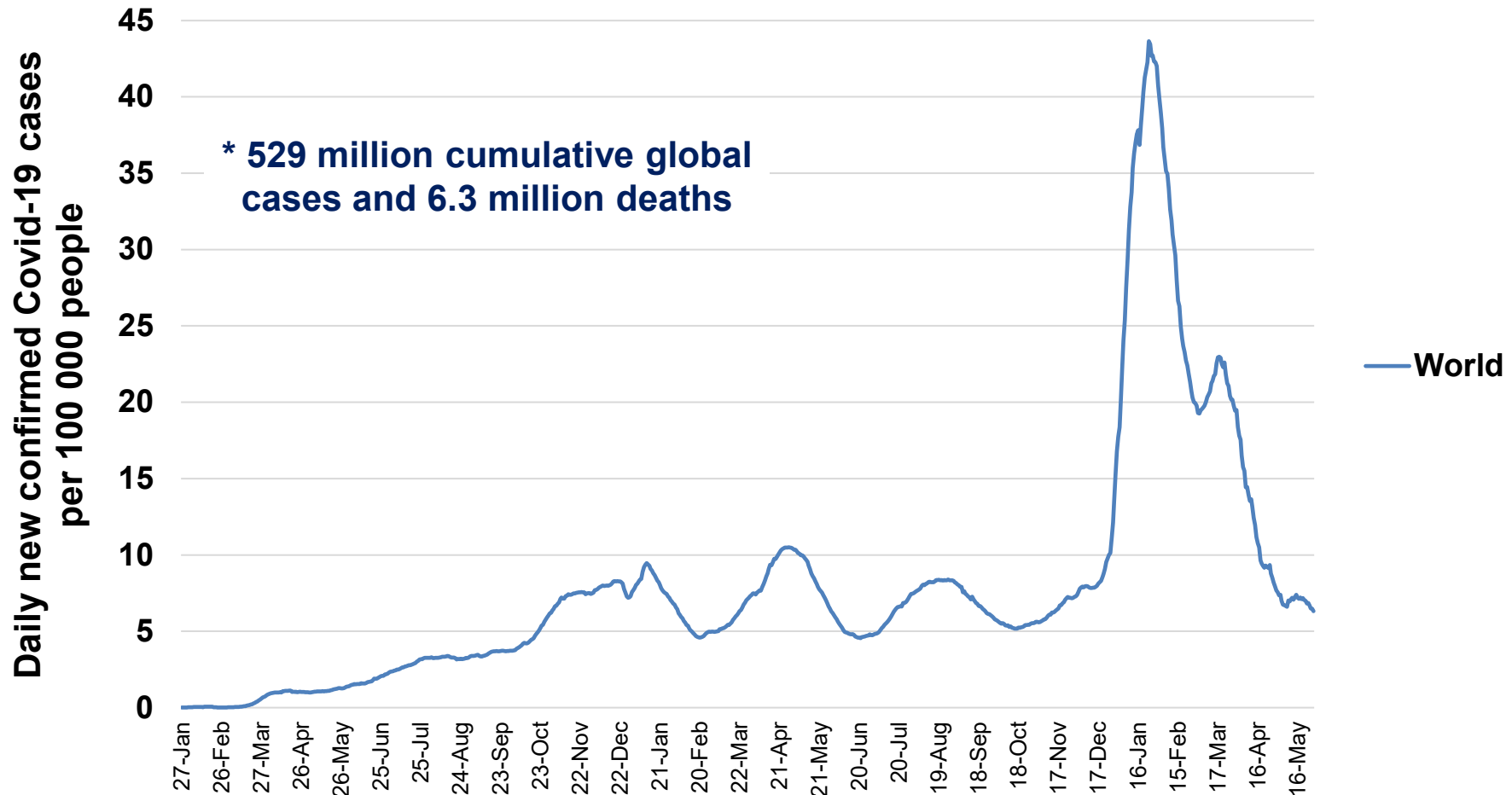
Global Covid-19 epidemic

7-day moving average cases per 100,000 population
up to - 28 May 2022



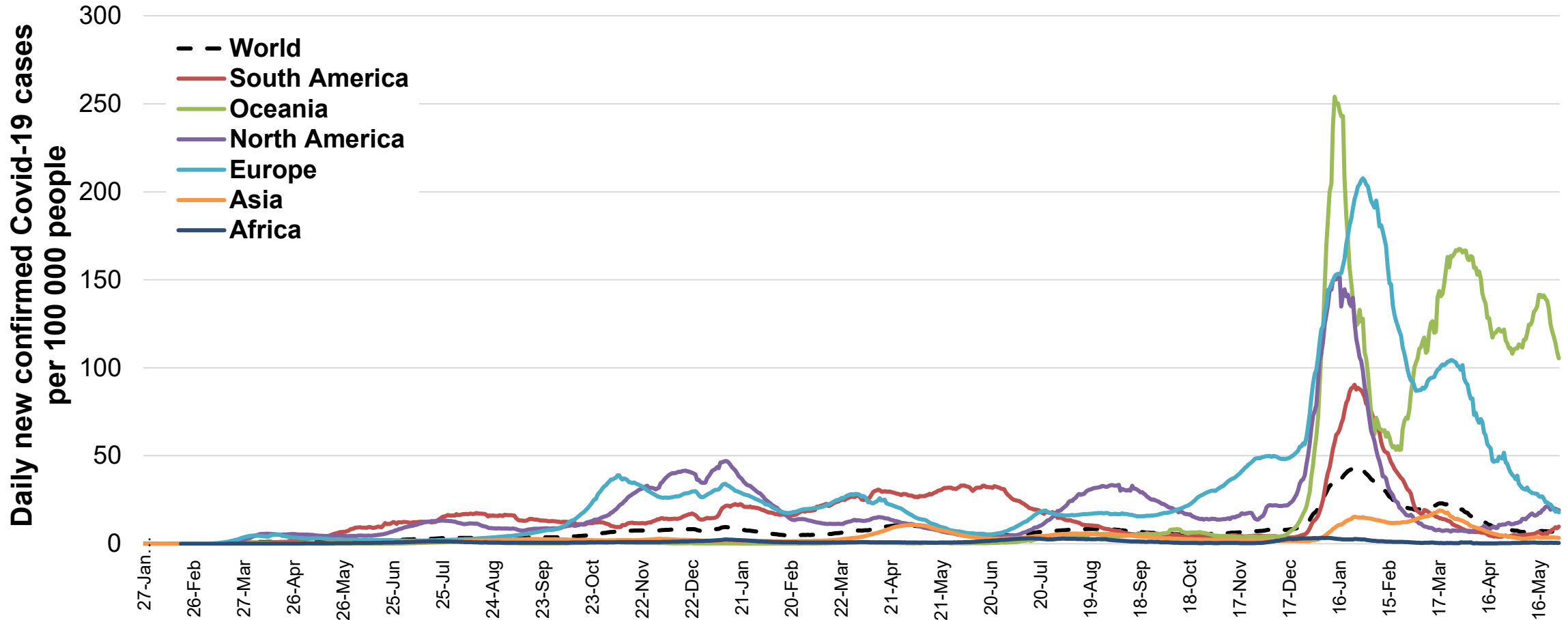
Global SARS-CoV-2 cases: Trends

7-day moving average cases per 100,000 population
up to - 28 May 2022



Cases stratified by continents showing the waves

7-day moving average cases per 100,000 population
up to - 28 May 2022

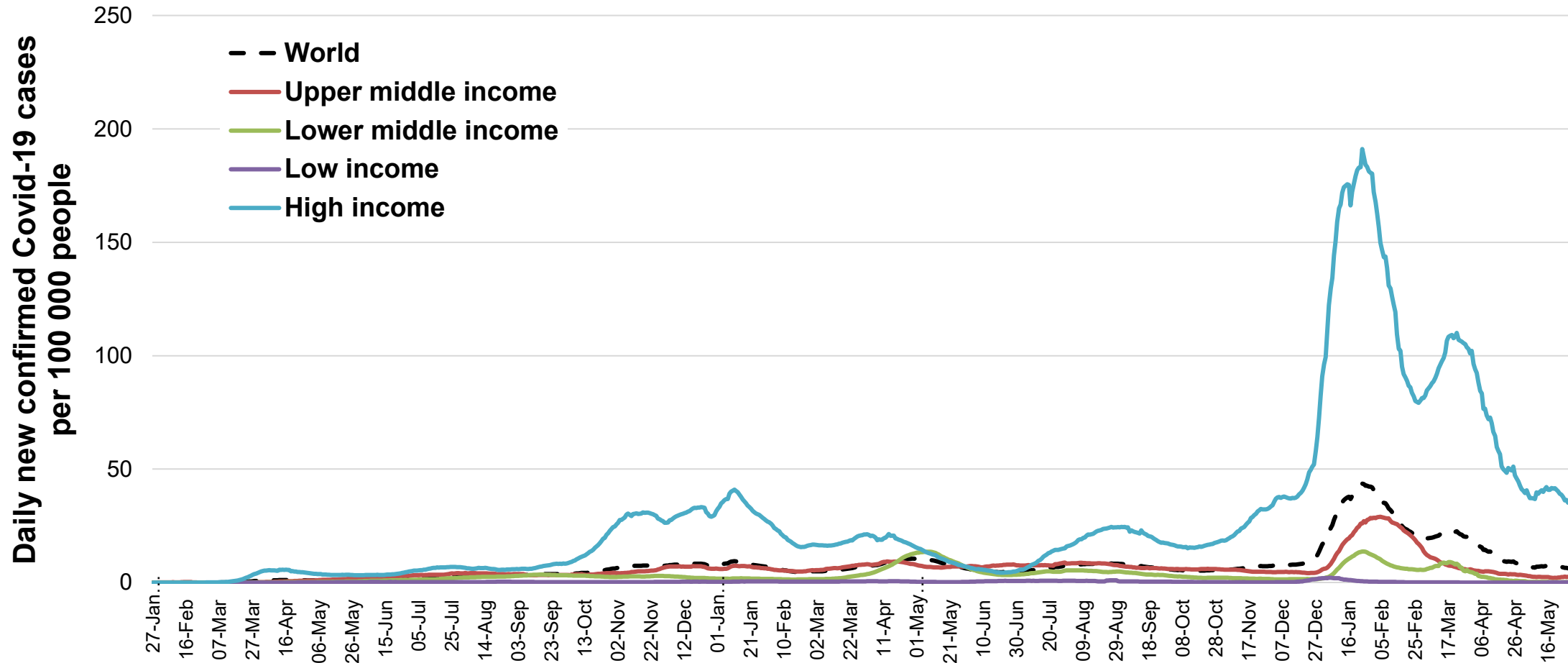


Data Source: Our World in Data; NICD

Covid-19 cases stratified by country income level

7-day moving average cases per 100,000 population

up to - 28 May 2022



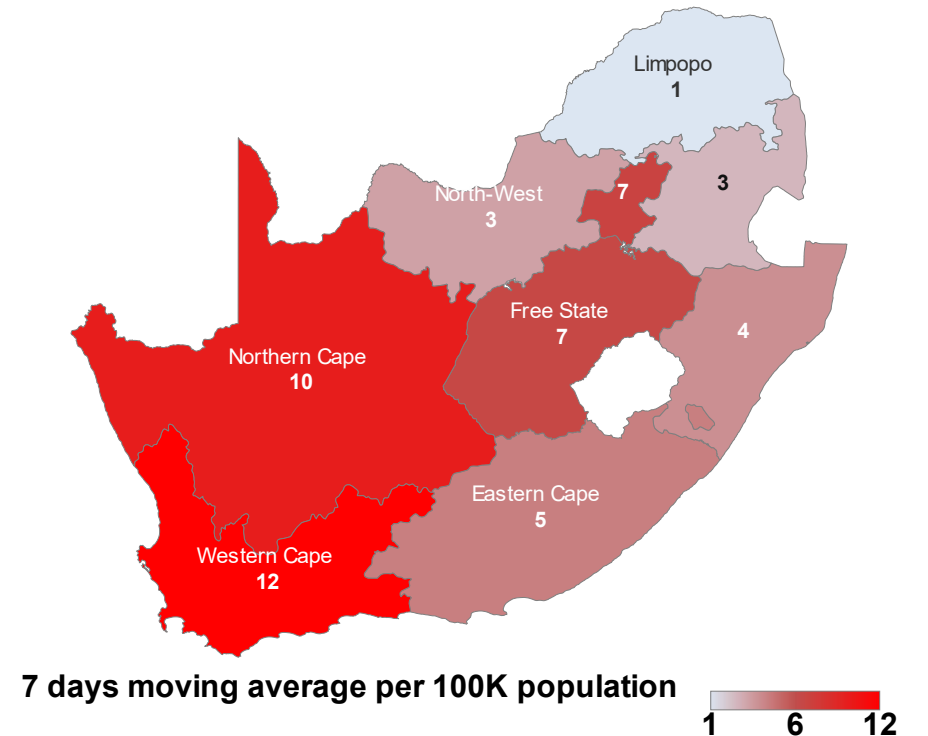
Data Source: Our World in Data; NICD

**South Africa:
Trends in reported provincial
SARS-CoV-2 cases**

Daily new cases over last 7 days per 100,000 pop

up to - 28 May 2022

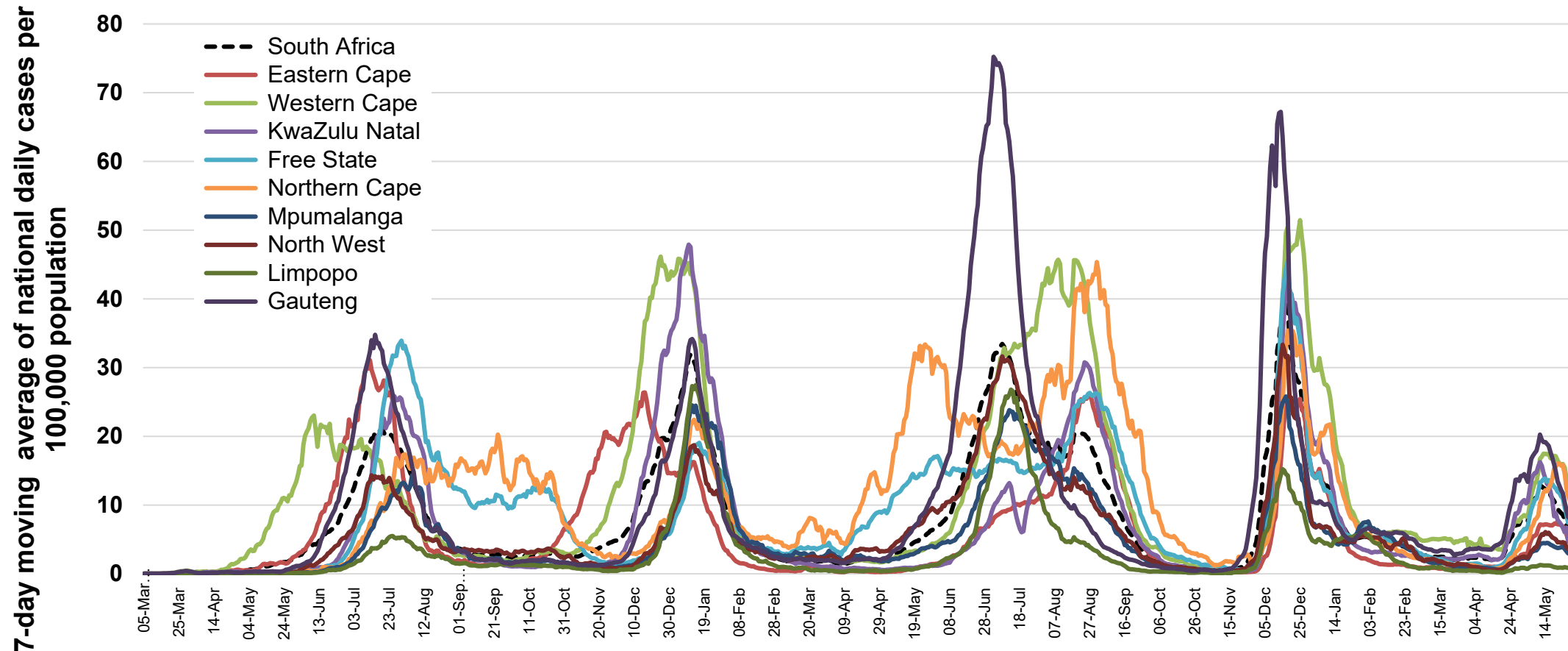
Province	Population per 100,000	7 Days Moving Average				Increase / Decrease
		at 7 days back	Per 100K at 7 days back	at a day back	100K at a day back	
Eastern Cape	67	475	7	318	5	-33%
Free State	29	330	11	206	7	-37%
Gauteng	155	1886	12	1142	7	-39%
KwaZulu Natal	115	821	7	475	4	-42%
Limpopo	59	52	1	50	1	-4%
Mpumalanga	47	180	4	124	3	-31%
North West	41	184	4	141	3	-23%
Northern Cape	13	203	16	130	10	-36%
Western Cape	71	1125	16	856	12	-24%
0	0	0	0	0	0	0%
South Africa	597	5255	9	3442	6	-35%
0	0	0	0	0	0	0%



Confirmed SARS-Cov-2 cases by province

7-day moving average cases per 100,000 population

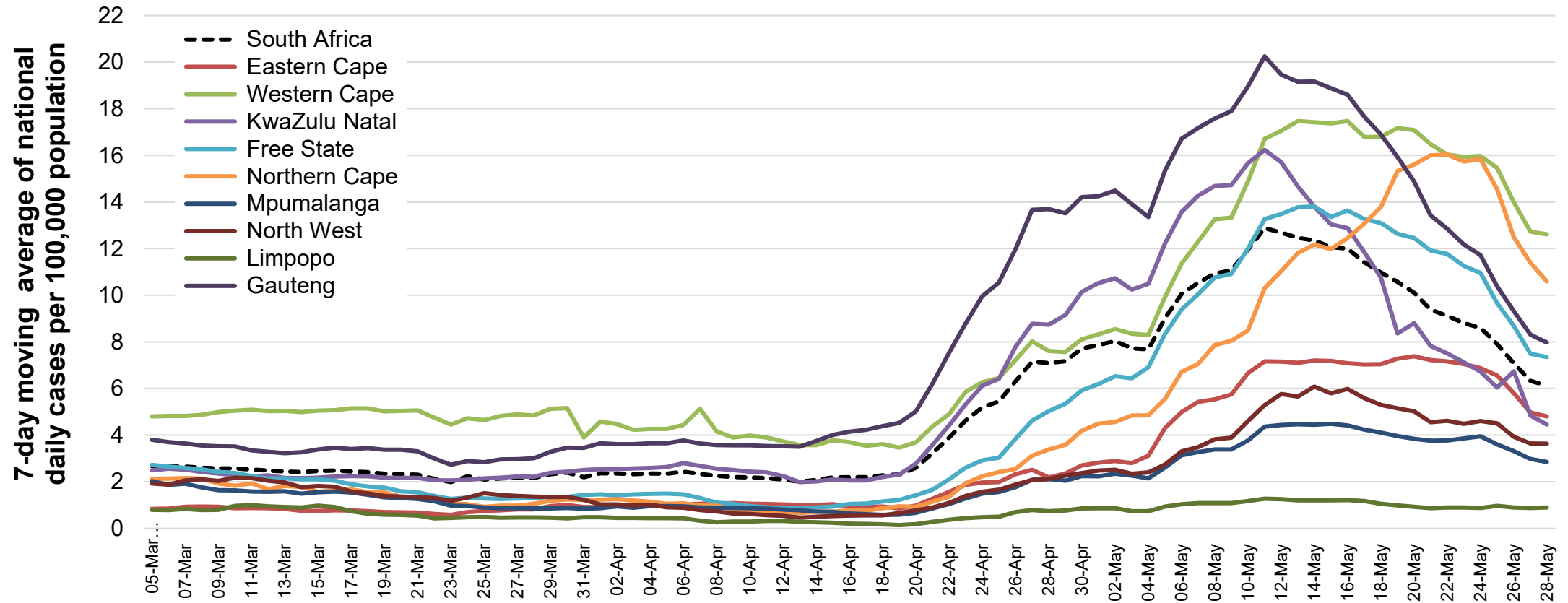
up to – 28 May 2022



Data source: Department of Health; Analysis

Confirmed SARS-Cov-2 cases by province

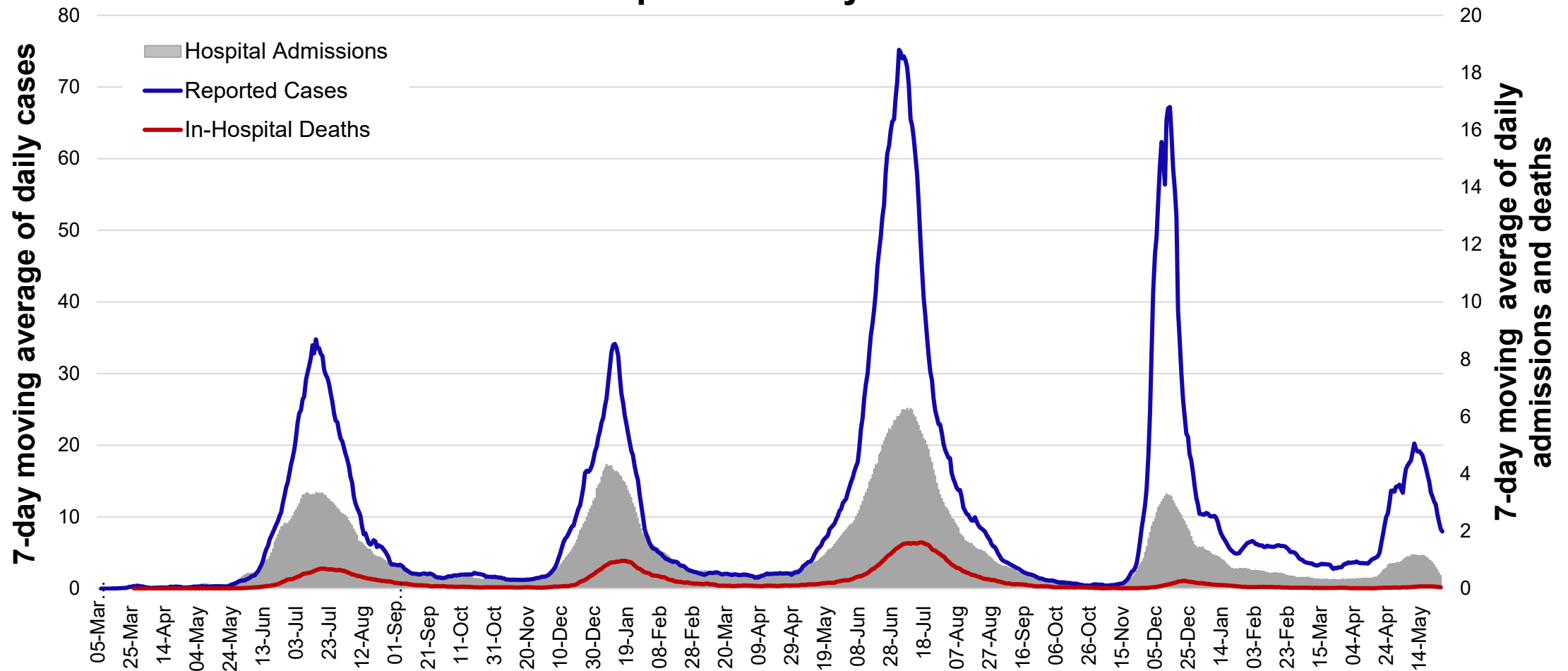
7-day moving average cases per 100,000 population
up to - 28 May 2022



Data source: Department of Health; Analysis

SARS-CoV-2 in Gauteng province

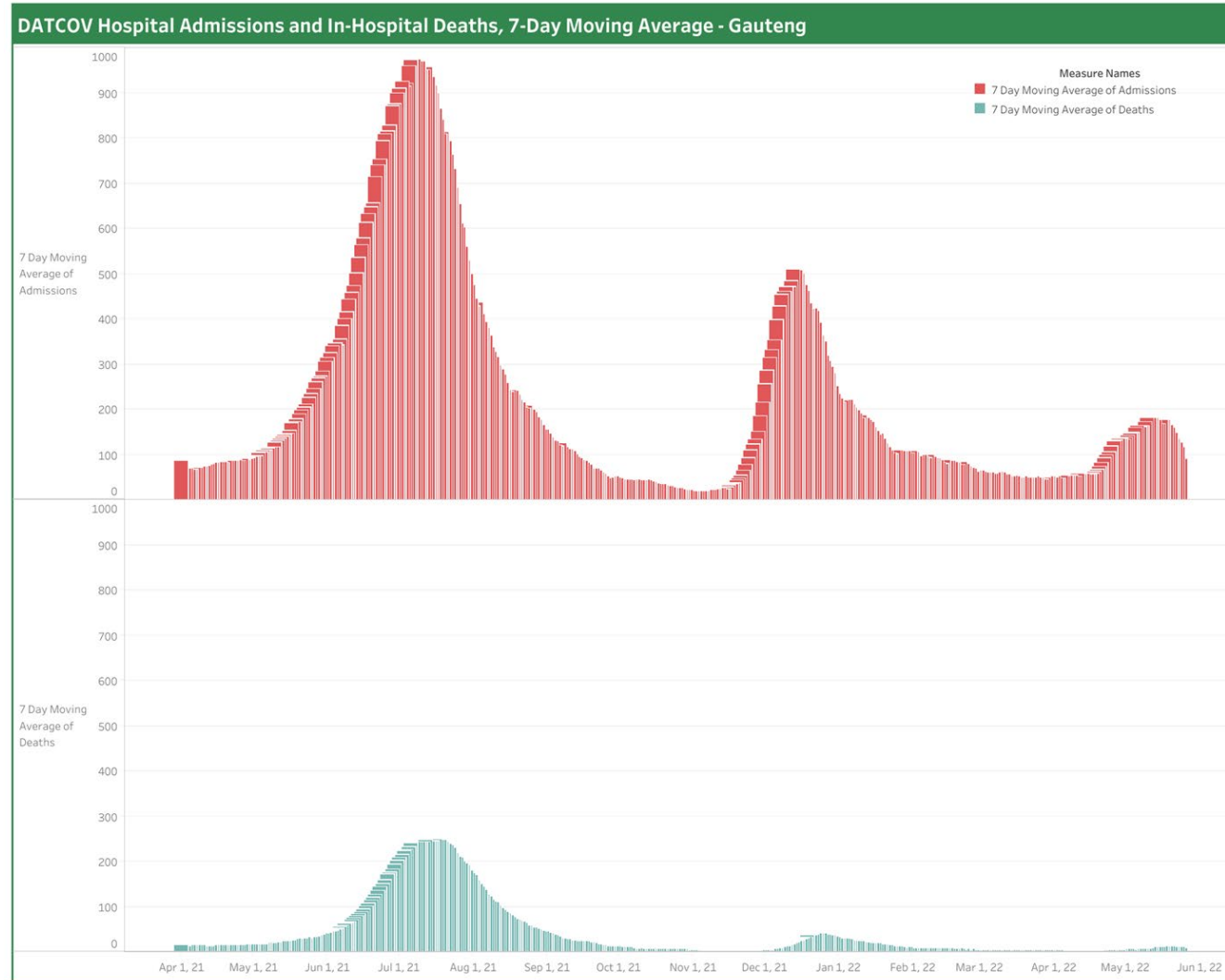
7-day moving average of new cases, hospital admissions and in-hospital Covid-19 deaths up to - 28 May 2022



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

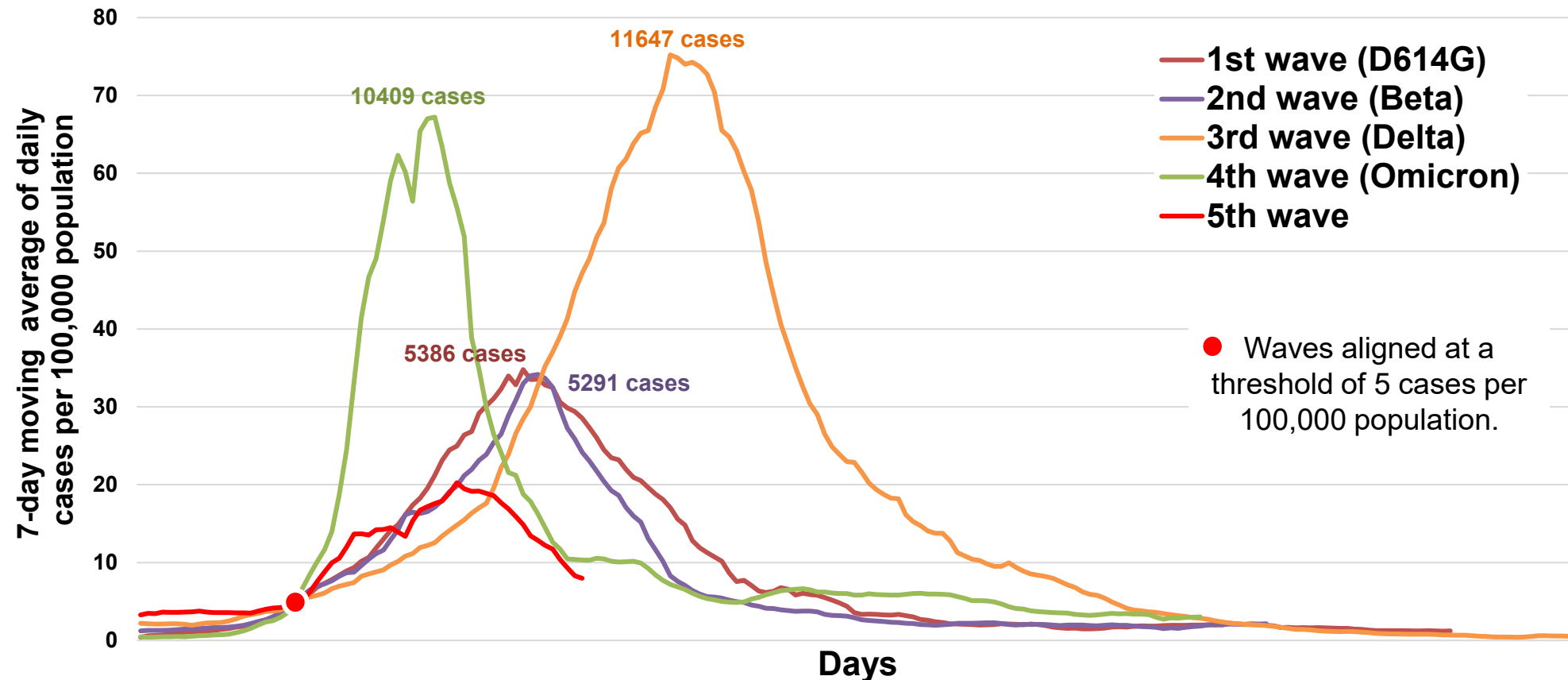
Gauteng Hospital Admissions & In-Hospital Deaths

up to - 24 May 2022



SARS-CoV-2 cases in waves: Gauteng

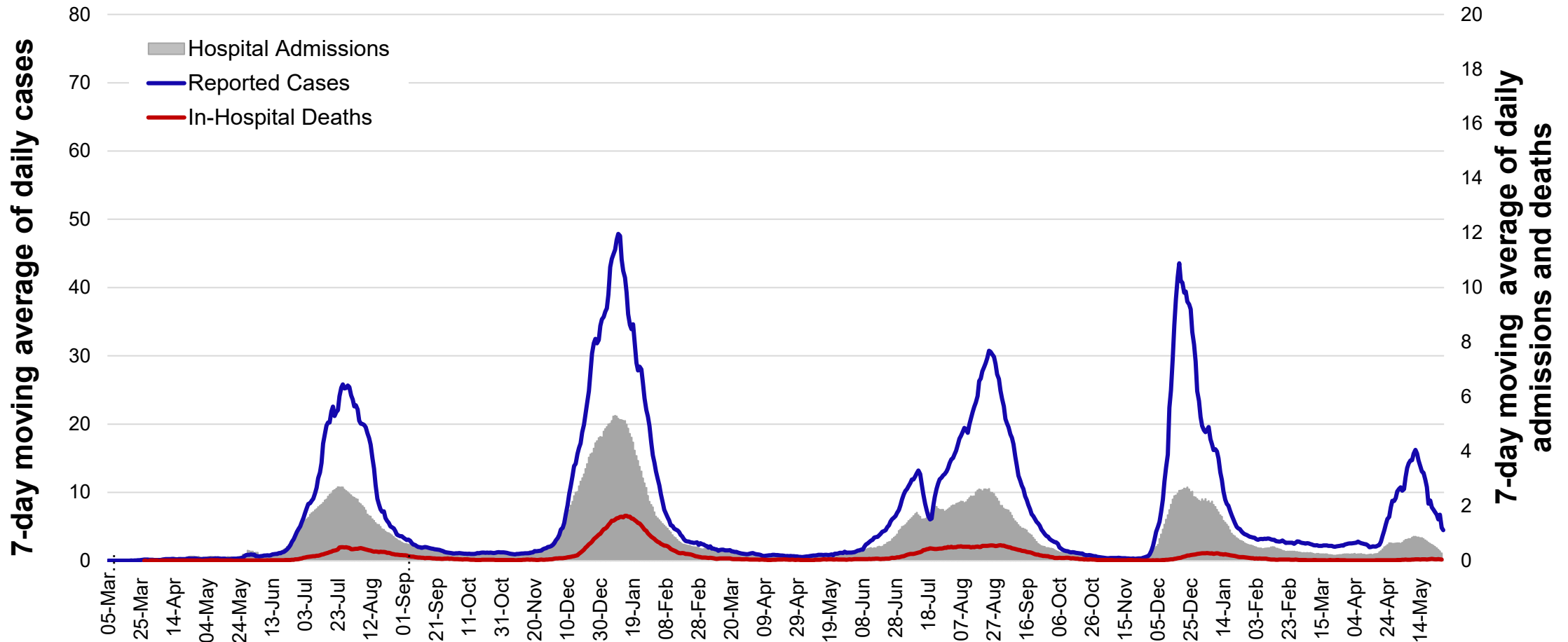
7-day moving average cases per 100,000 population
up to – 28 May 2022



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

SARS-CoV-2 cases in KwaZulu-Natal

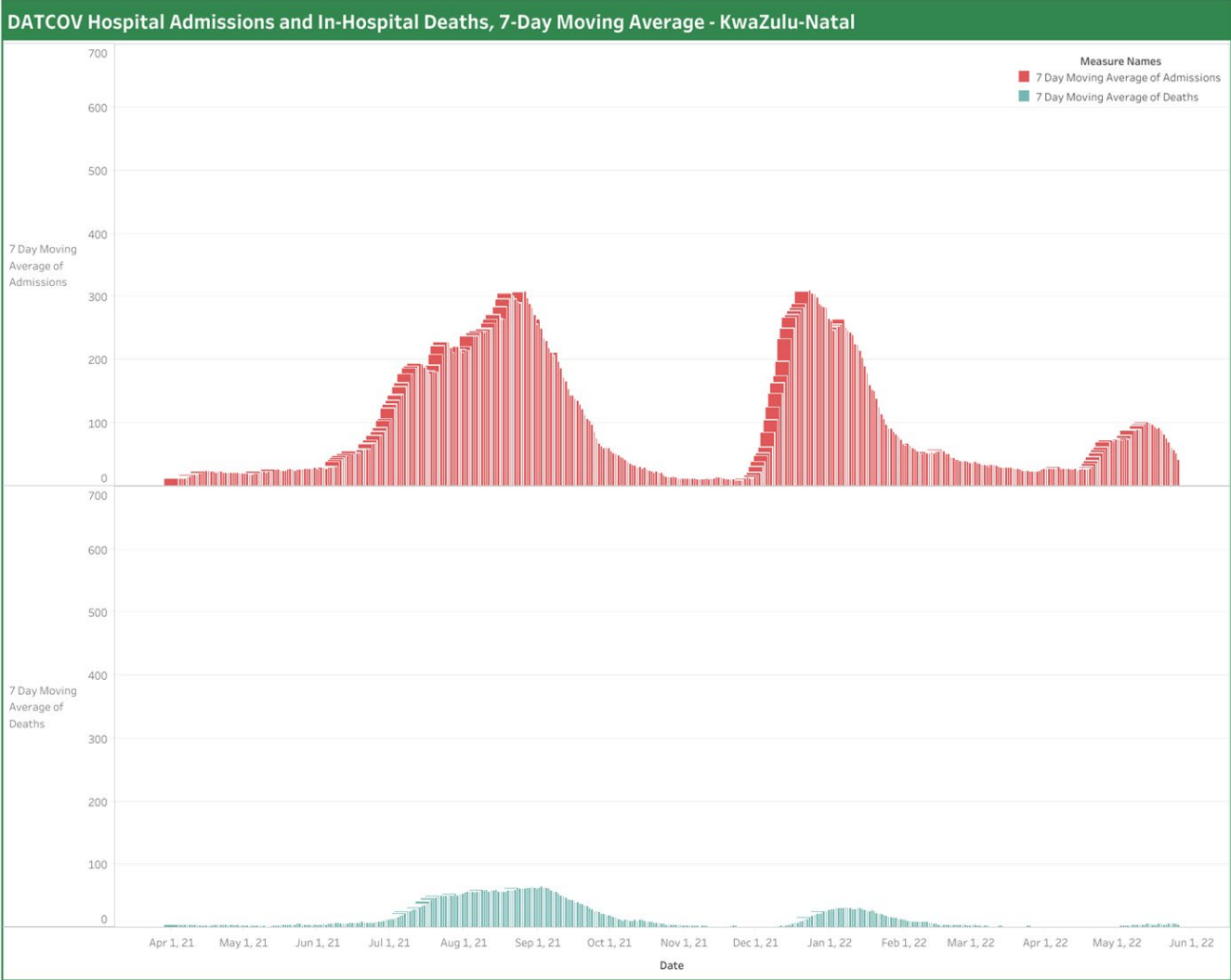
7-day moving average of new cases, hospital admissions and in-hospital Covid-19 deaths
up to - 28 May 2022



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

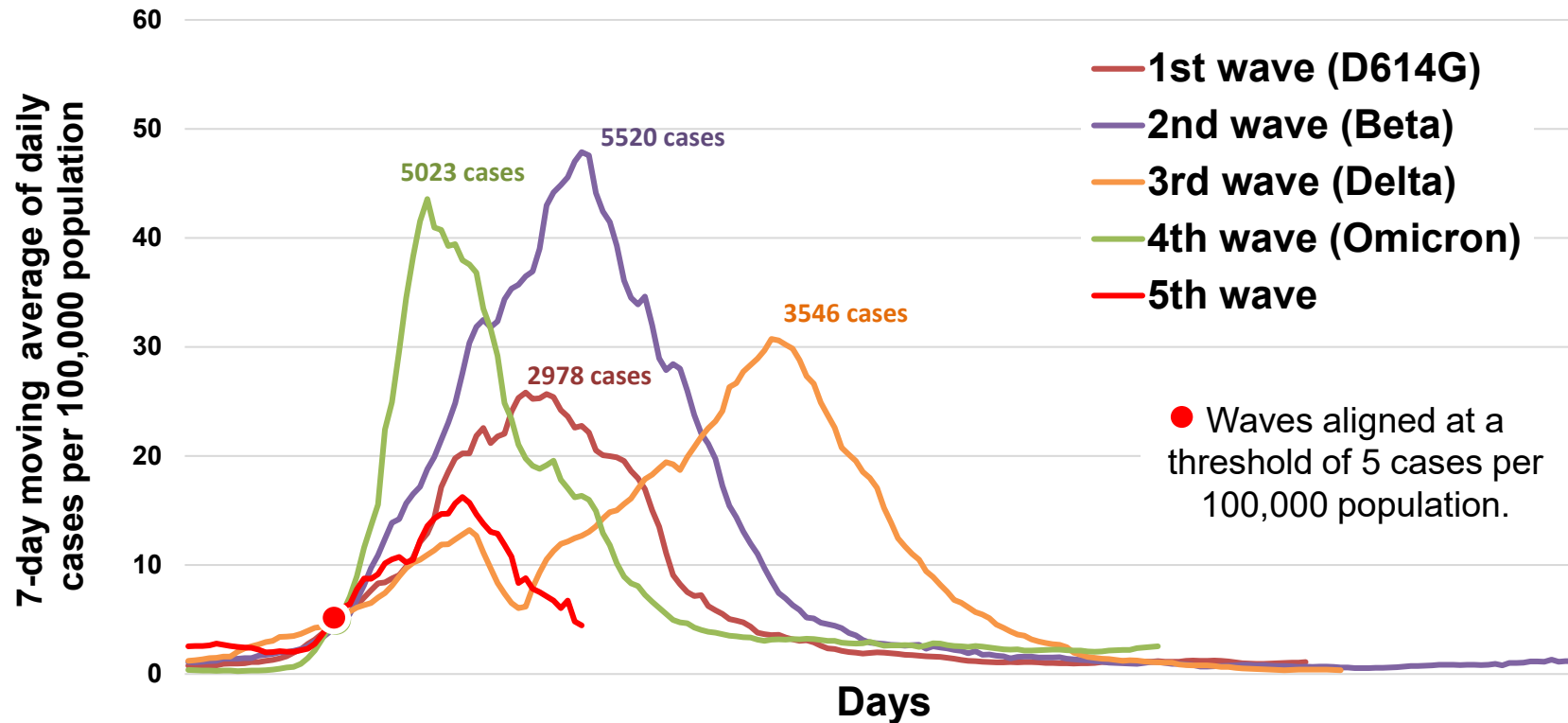
KwaZulu-Natal Hospital admissions & in-hospital deaths

up to - 24 May 2022



SARS-CoV-2 cases in waves: KwaZulu Natal

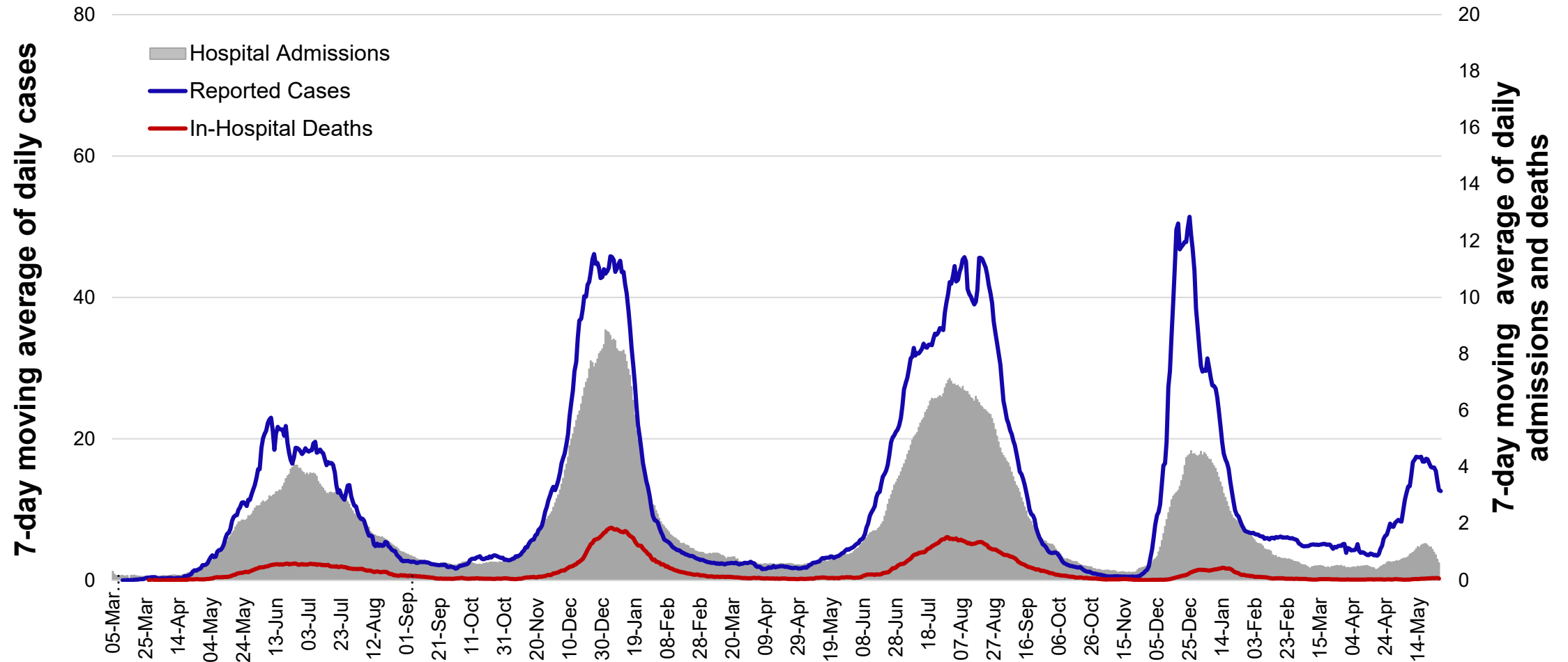
7-day moving average cases per 100,000 population
up to – 28 May 2022



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

SARS-CoV-2 cases in Western Cape

7-day moving average of new cases, hospital admissions and in-hospital Covid-19 deaths up to - 28 May 2022

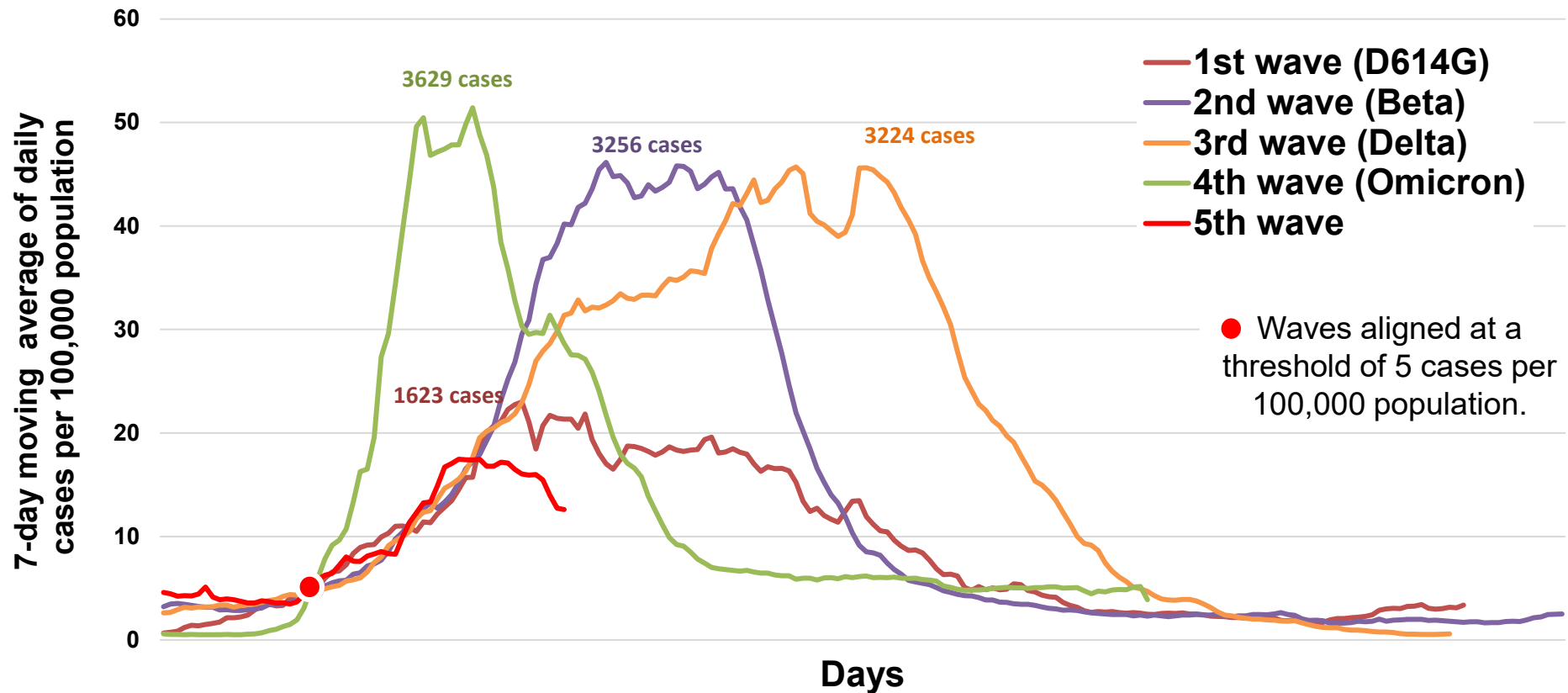


Source of hospital admissions data: Lucille Blumberg, Richard Welch and Waasila Jassat – DATCOV, NICD

SARS-CoV-2 cases in waves: Western Cape

7-day moving average cases per 100,000 population

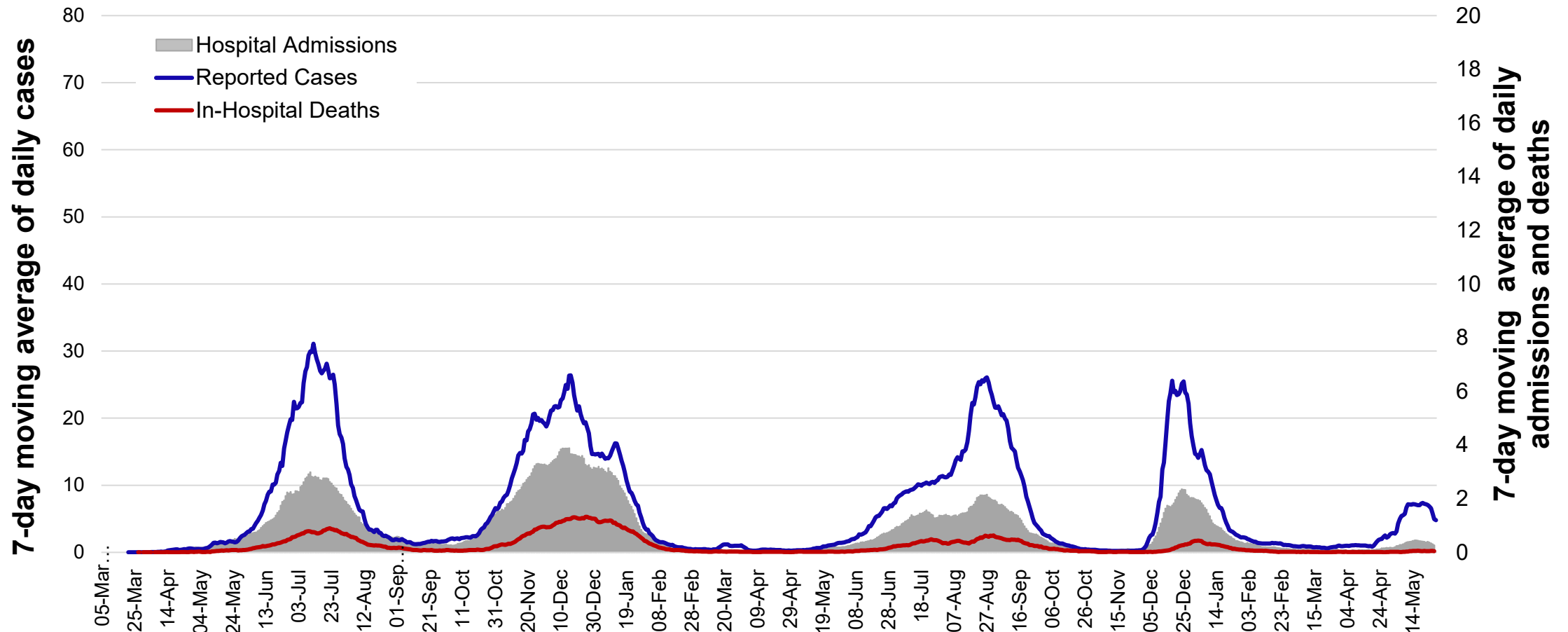
up to – 28 May 2022



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

SARS-CoV-2 cases in Eastern Cape

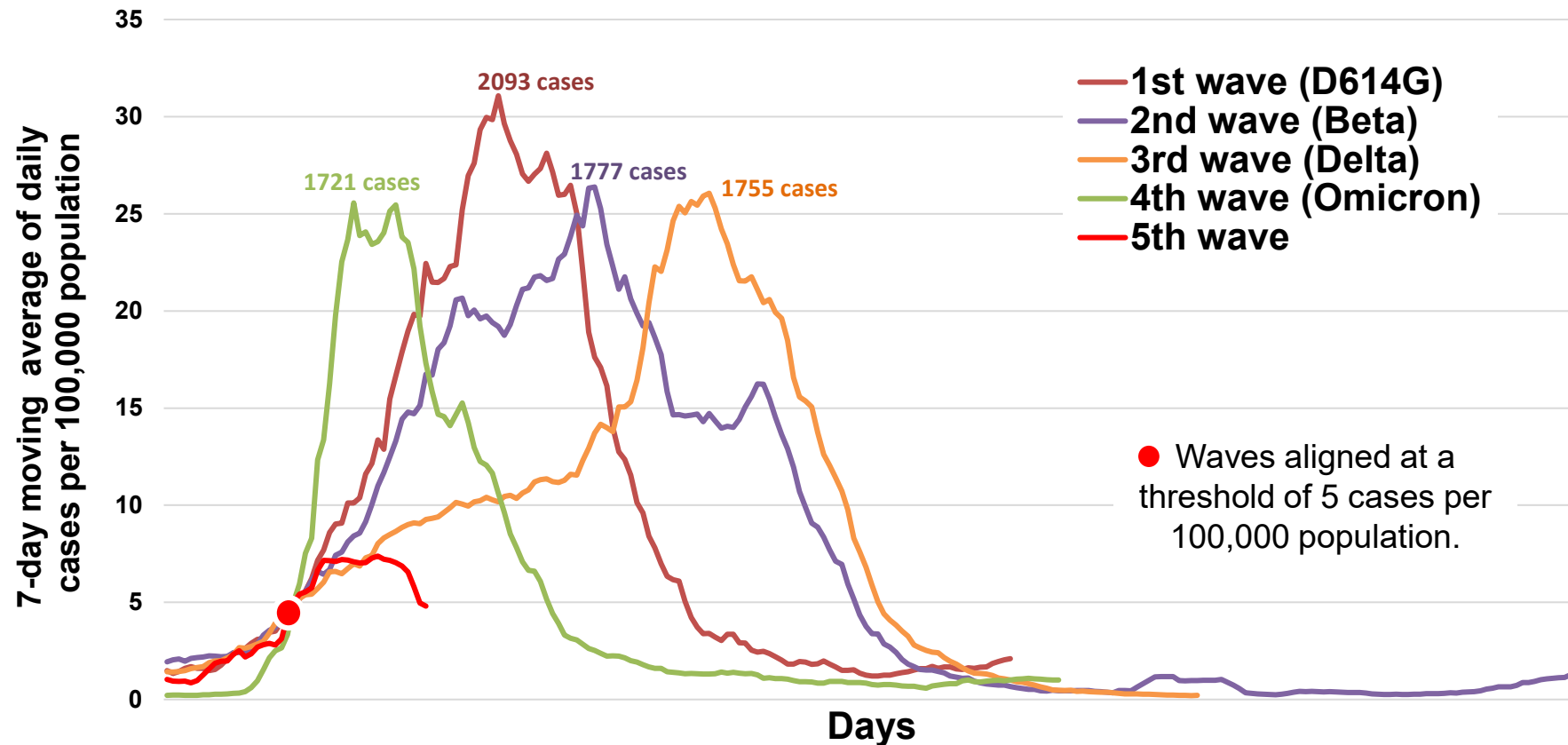
7-day moving average of new cases, hospital admissions and in-hospital Covid-19 deaths
up to - 28 May 2022



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

SARS-CoV-2 cases in waves: Eastern Cape

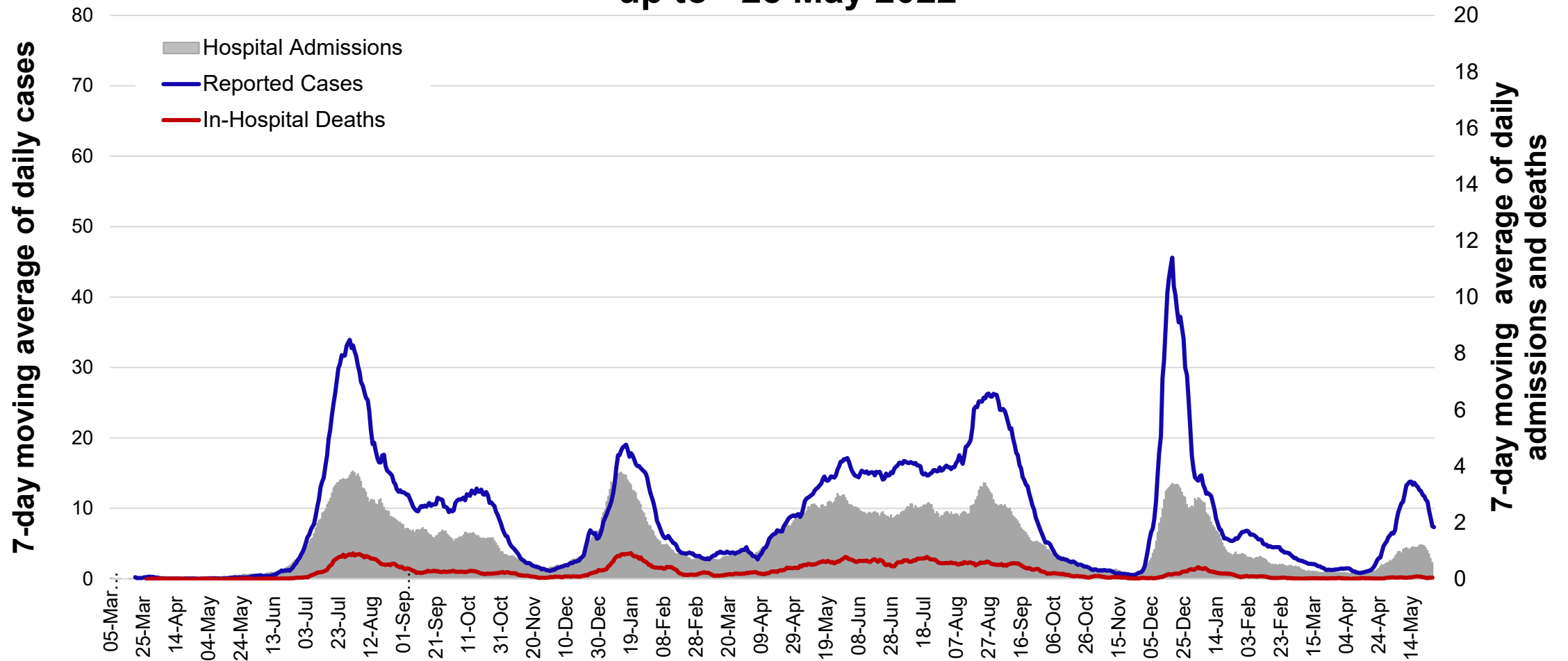
7-day moving average cases per 100,000 population
up to – 28 May 2022



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

SARS-CoV-2 cases in Free State province

7-day moving average of new cases, hospital admissions and in-hospital Covid-19 deaths up to - 28 May 2022

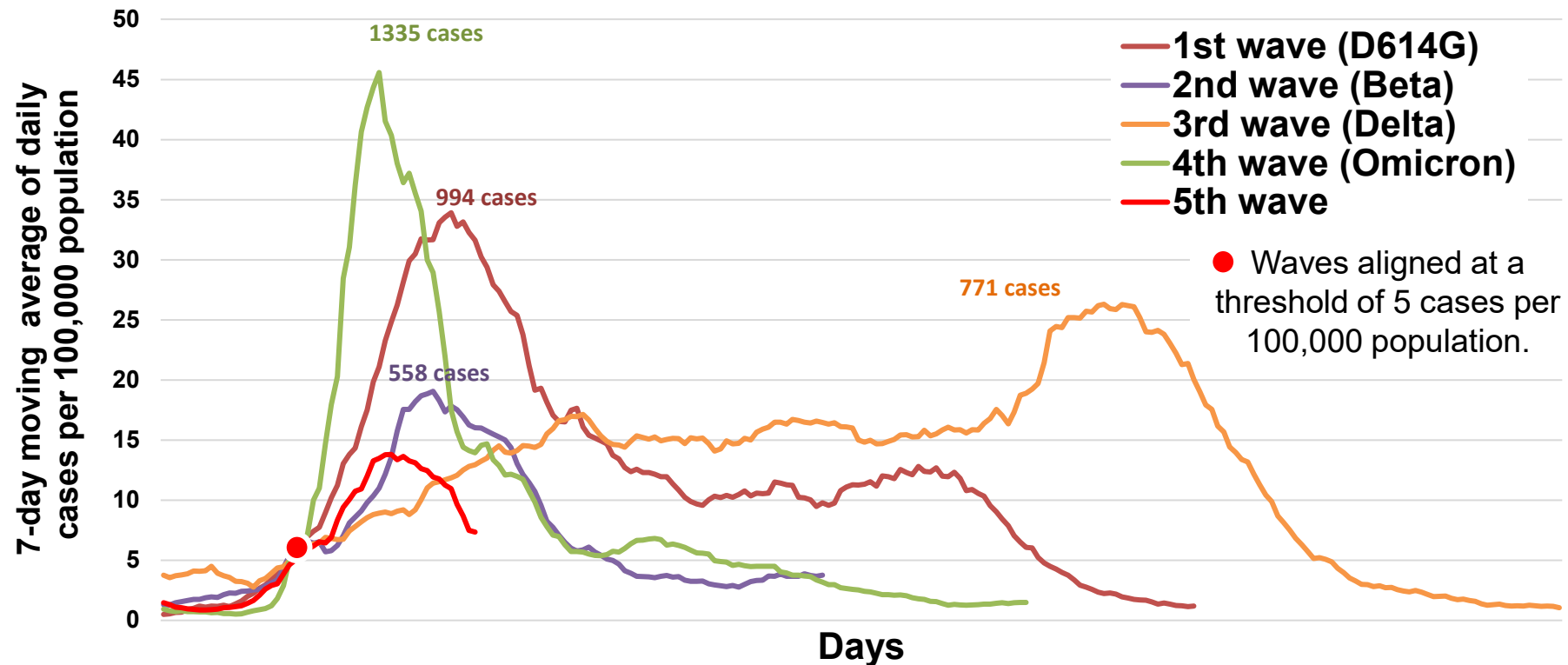


Source of hospital admissions data: Lucille Blumberg, Richard Welch and Waasila Jassat – DATCOV, NICD

SARS-CoV-2 cases in waves: Free State

7-day moving average cases per 100,000 population

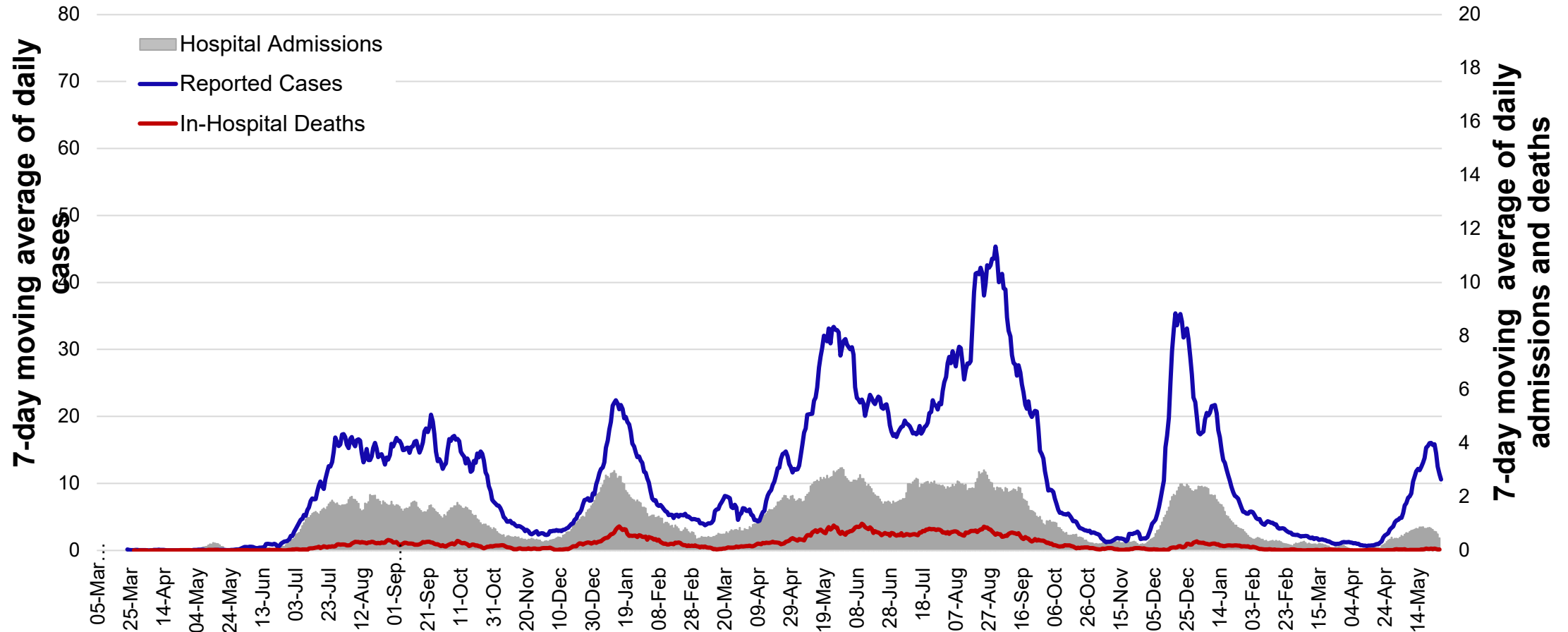
up to – 28 May 2022



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

SARS-CoV-2 cases in Northern Cape

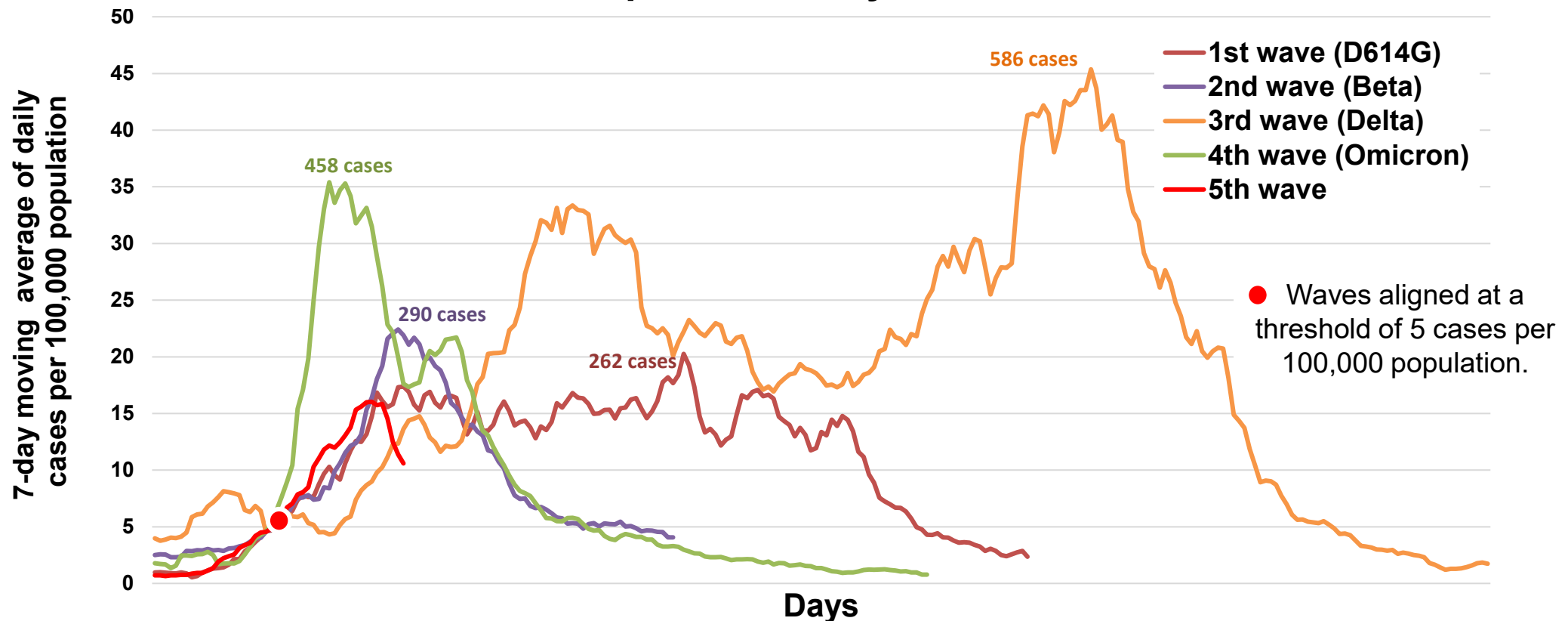
7-day moving average of new cases, hospital admissions and in-hospital Covid-19 deaths
up to - 28 May 2022



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

SARS-CoV-2 cases in waves: Northern Cape

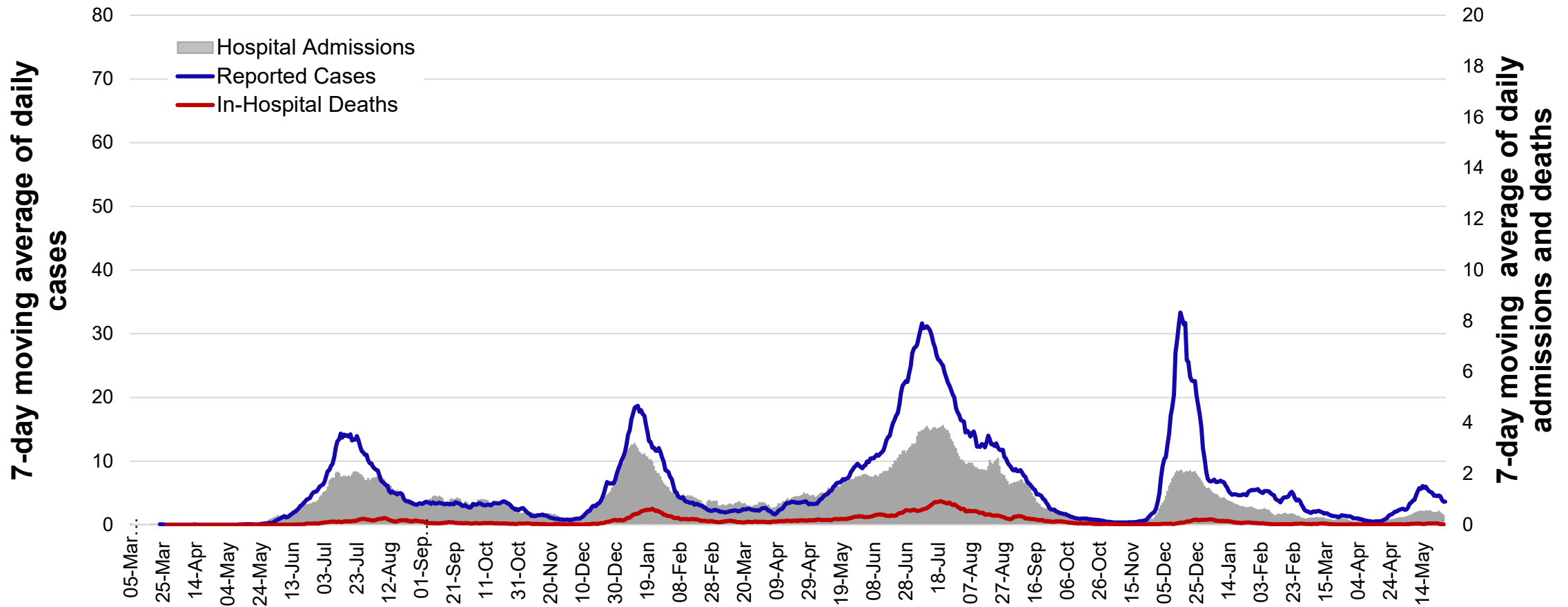
7-day moving average cases per 100,000 population
up to – 28 May 2022



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

SARS-CoV-2 cases in North West province

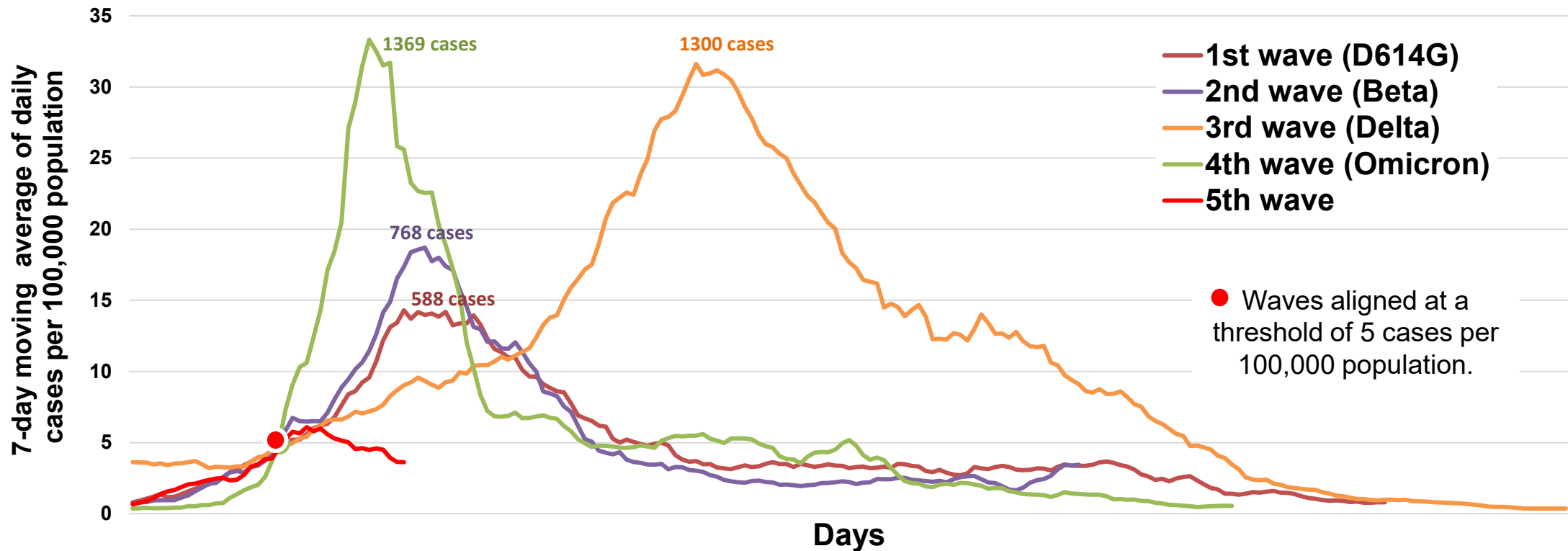
7-day moving average of new cases, hospital admissions and in-hospital Covid-19 deaths
up to - 28 May 2022



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

SARS-CoV-2 cases in waves: North West

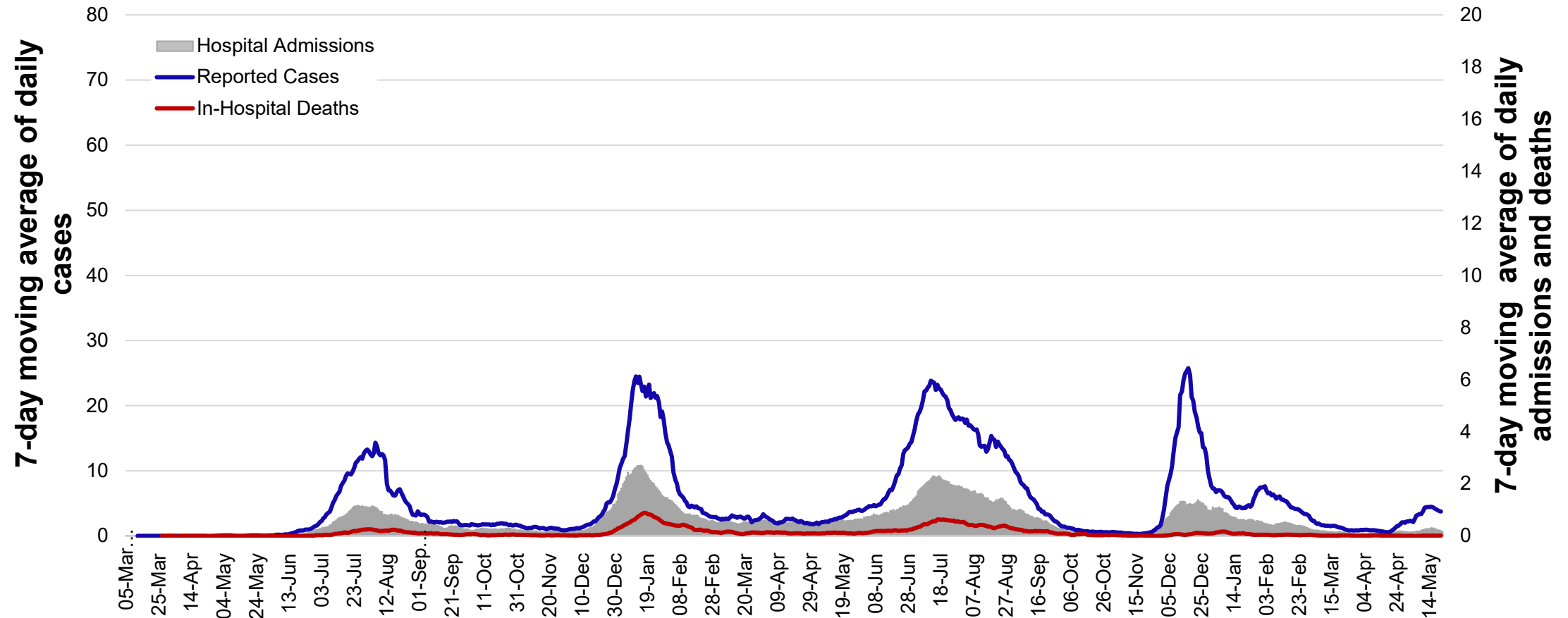
7-day moving average cases per 100,000 population
up to – 28 May 2022



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

SARS-CoV-2 cases in Mpumalanga

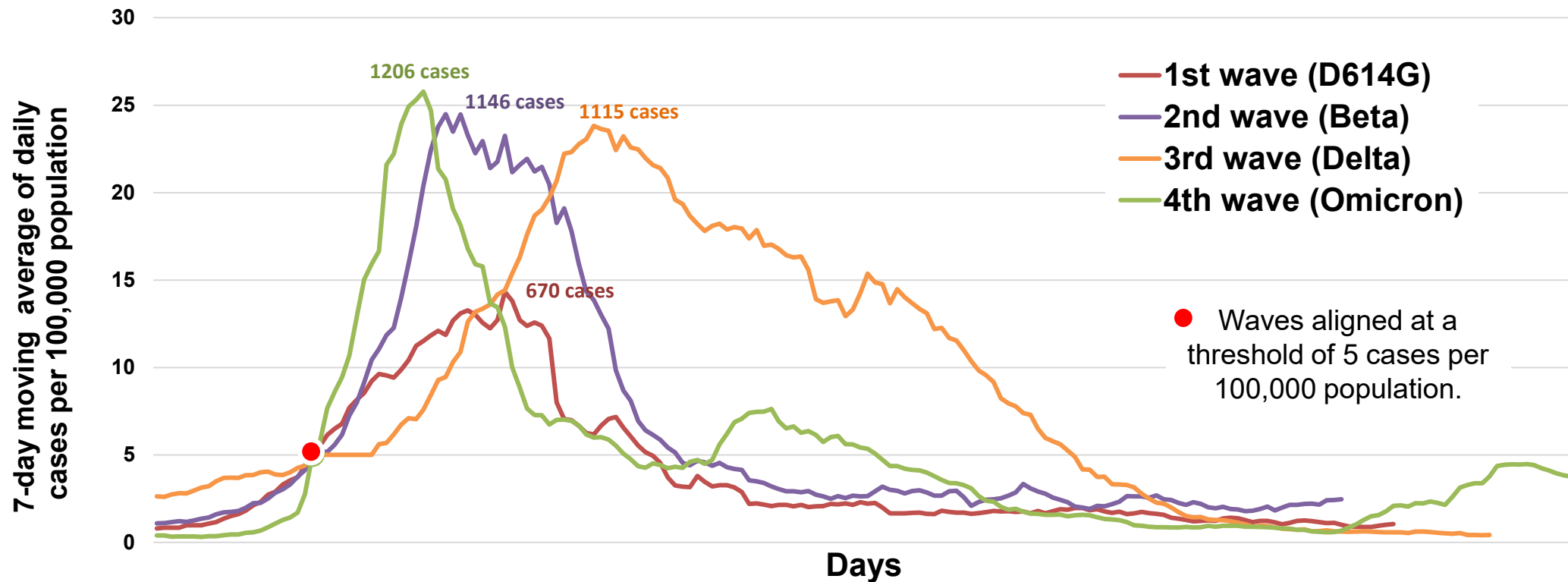
7-day moving average of new cases, hospital admissions and in-hospital Covid-19 deaths up to - 28 May 2022



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

SARS-CoV-2 cases in waves: Mpumalanga

7-day moving average cases per 100,000 population
up to – 28 May 2022

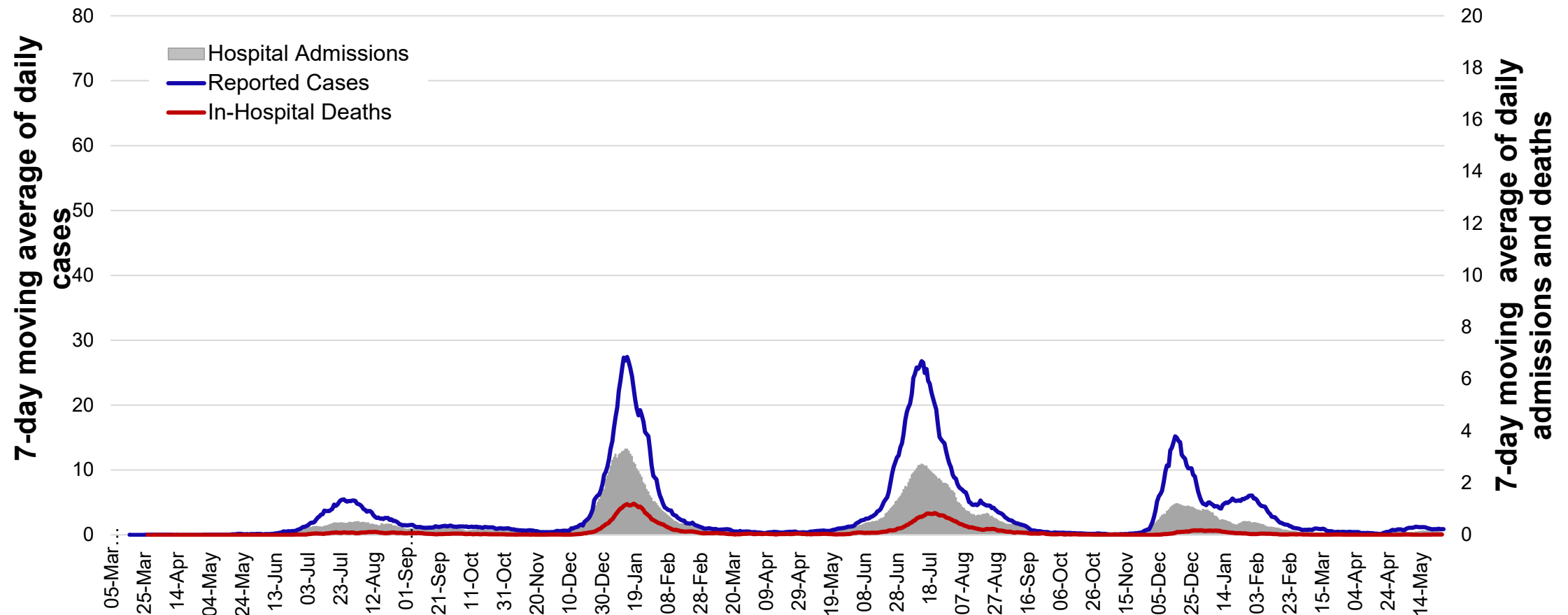


Data source: Department of Health; Analysis: Marothi Letsoalo; Ande Mchunu

SARS-CoV-2 cases in Limpopo province

7-day moving average of new cases, hospital admissions and in-hospital Covid-19 deaths

up to - 28 May 2022



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

SARS-CoV-2 cases in waves: Limpopo

7-day moving average cases per 100,000 population
up to – 28 May 2022

