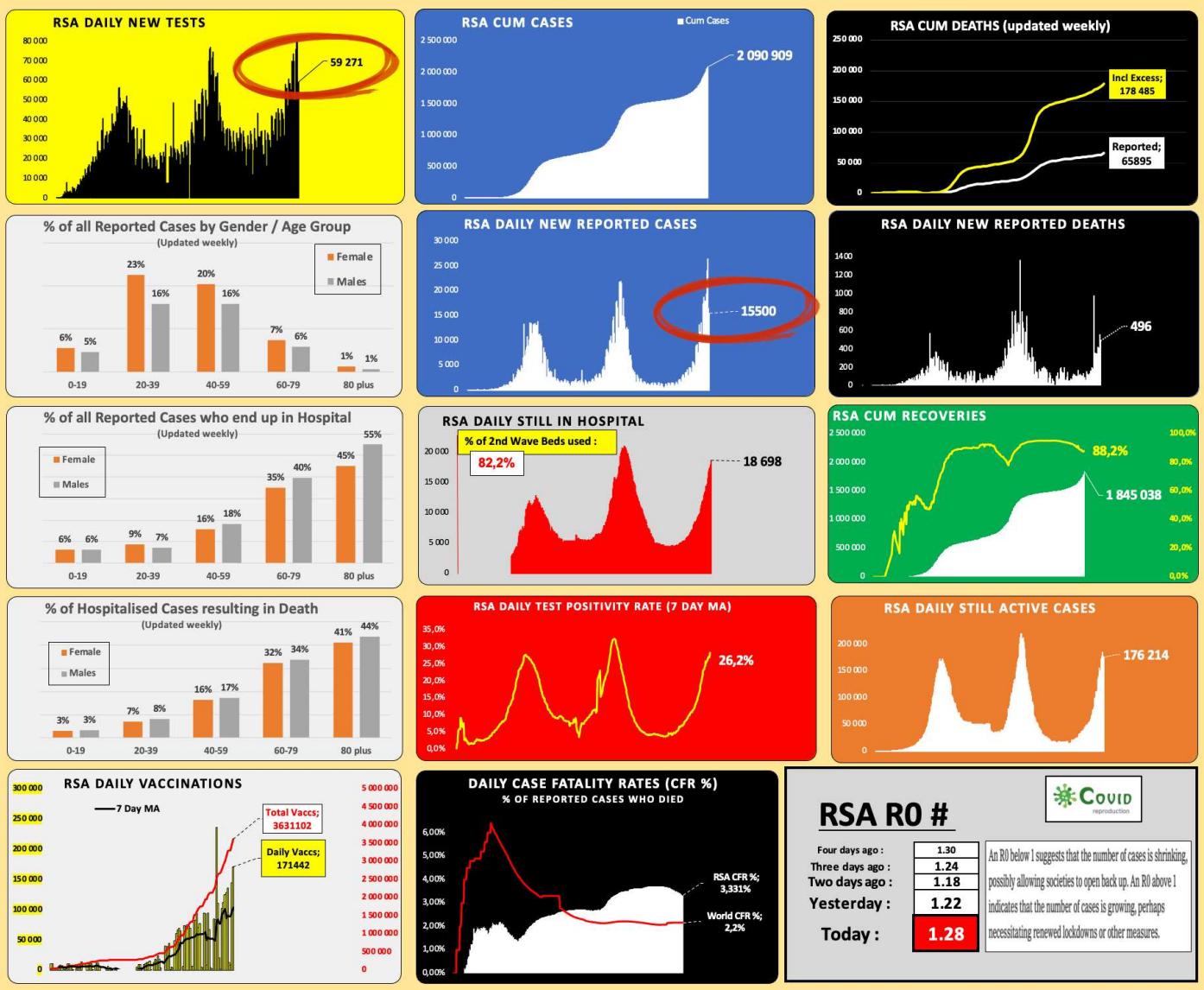


# HarryG COVID-19 Dashboard

Page 1

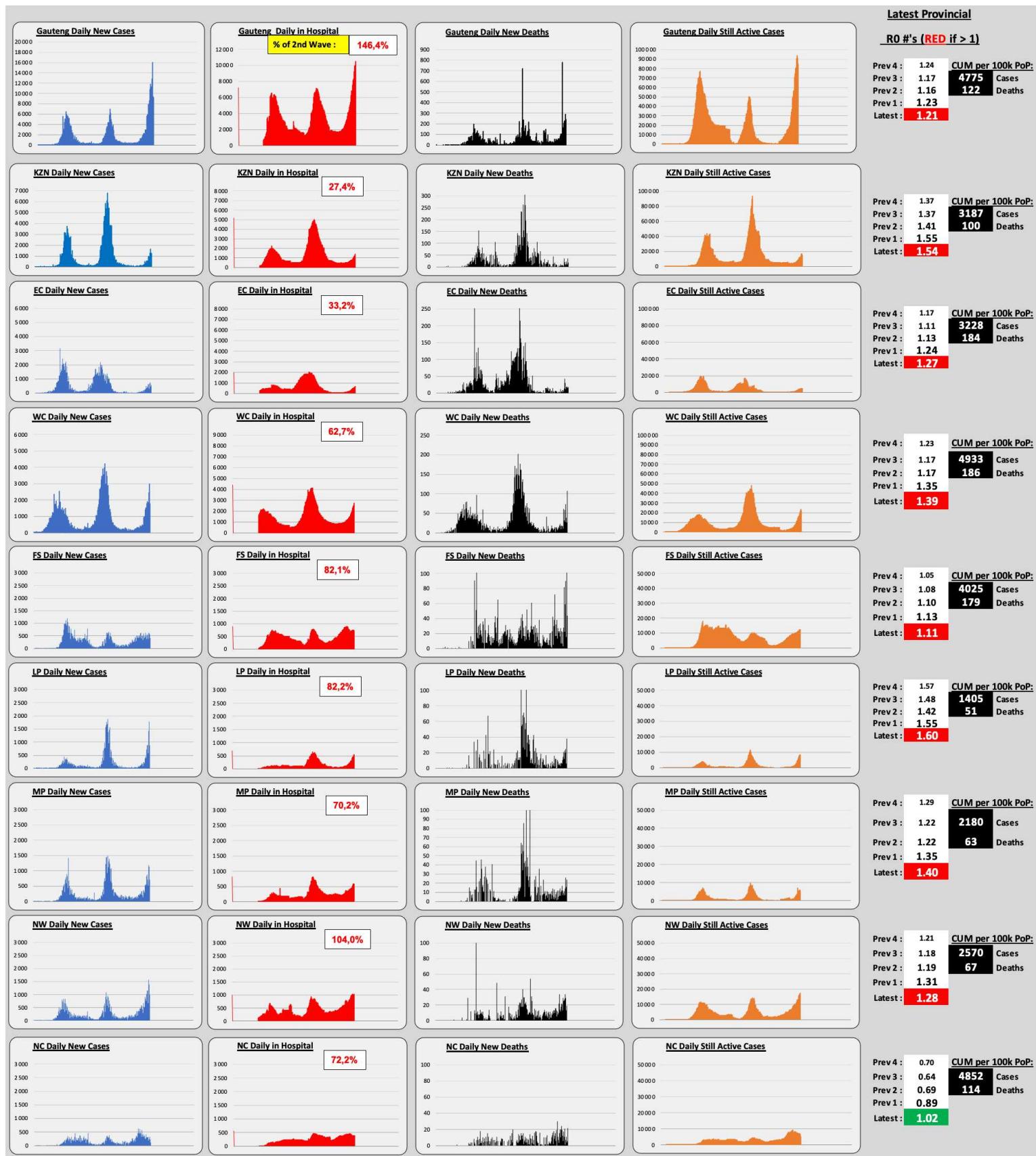
Deteriorating Improving

Cum Cases		Daily Cases		RSA COVID-19 DASHBOARD	Daily Still in Hospital	Case Fatality Rates (CFR):		Vaccinations:		Time to achieve Govt Target of 41m vaccs			
2 090 909		15 500				Reported Cases	Hospital Cases	Daily Avg	27 302	4,05	Yrs		
Still Active +Cases		Cum Cases p mill PoP				0,116%	0,298%	7 Day MA Vaccs per day	104 348	1,06	Yrs		
176 214		1163				0,116%	0,298%	Total to date:	3 631 102				
Deaths Ages		Deaths				End 2021 Proj Deaths as % :	Reported Deaths	Cum Tests	13 548 841				
Avg	Median	Min Age	Max Age			Reported Deaths	Incl Excess Deaths	Daily Tests	59 271				
62,7	57,8	0,2	108	Female :	57,2%	51,8%	2,87%	55,2%	0,18%	0,46%			
				Male :	42,8%	48,2%	3,58%	44,8%					
01-Jul													



# RSA Provinces detailed daily Data and Trends Jan 2020 to Dec 2021

Page 1.1



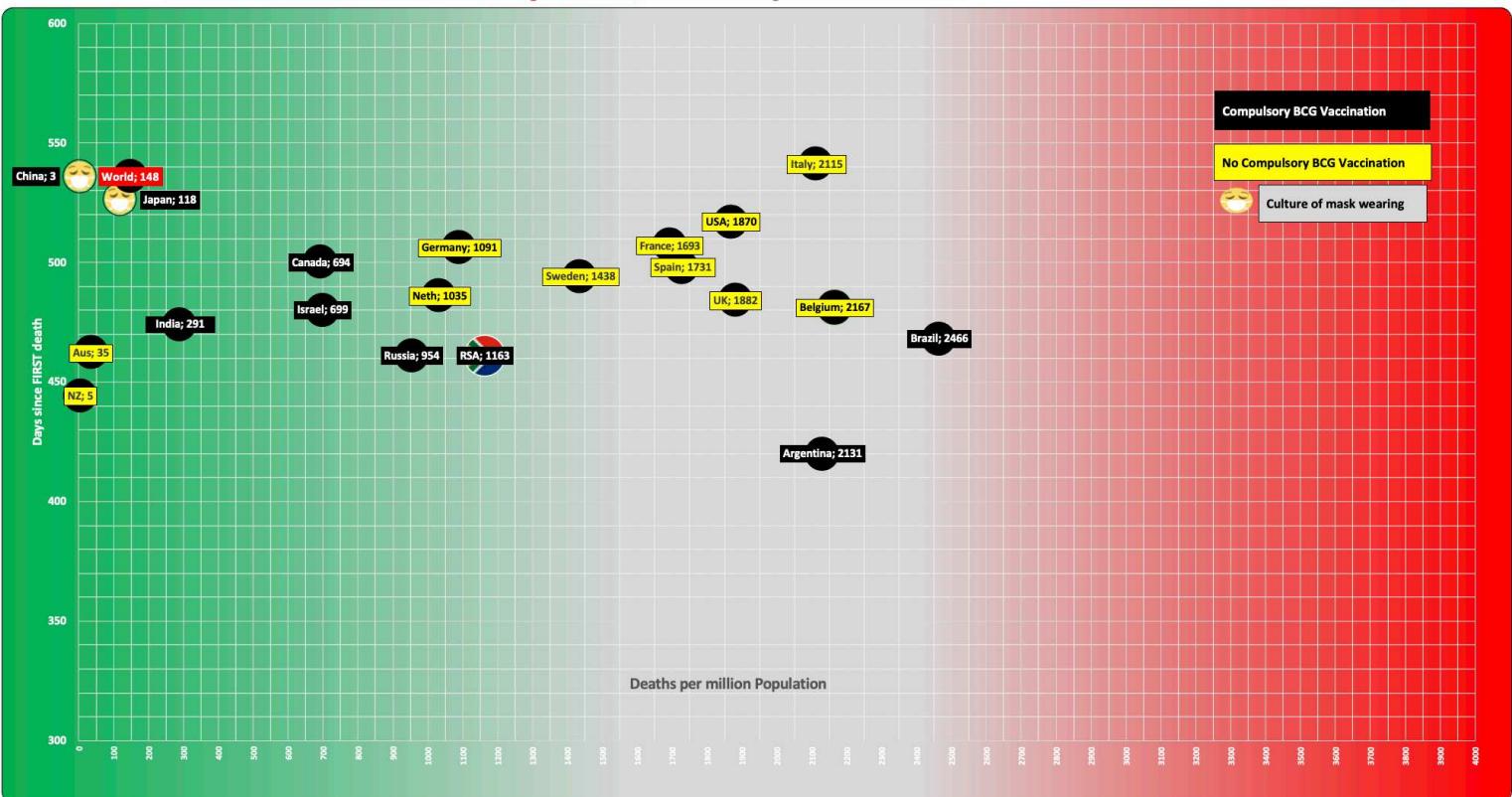
Data as at: 06 July 2021

Unless otherwise indicated

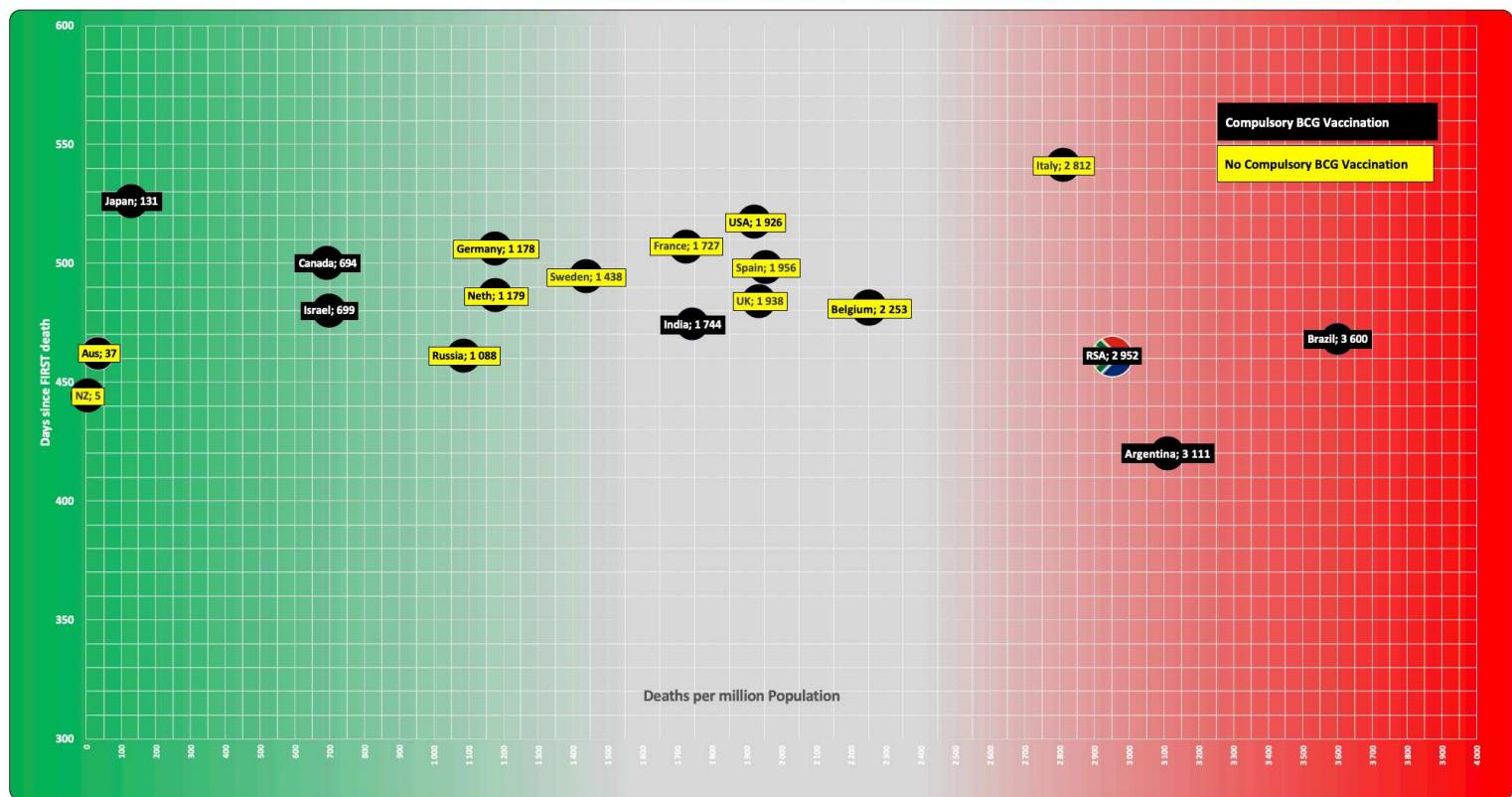
hdg 07 July 2021

## Selected Countries' Reported Deaths per mill PoP

Page 2

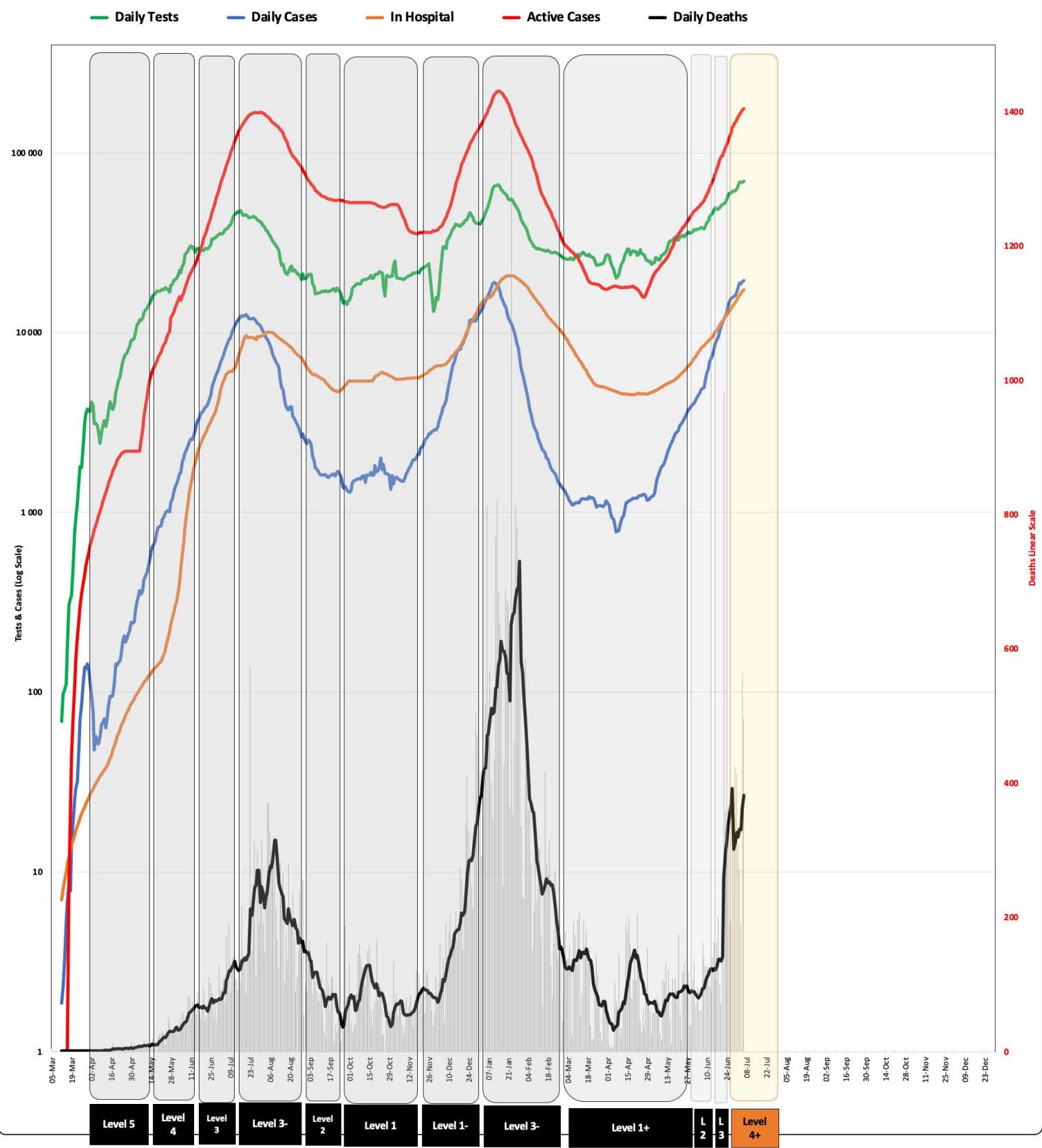


## Selected Countries' Deaths incl Excess Deaths per mill PoP (where data available)



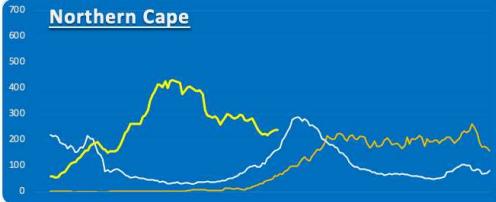
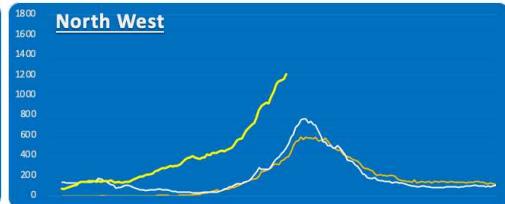
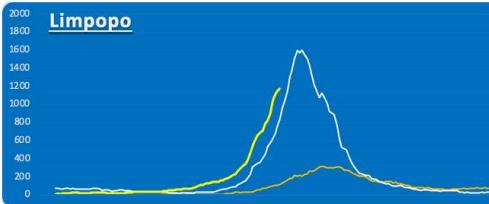
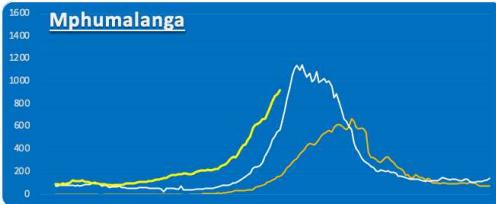
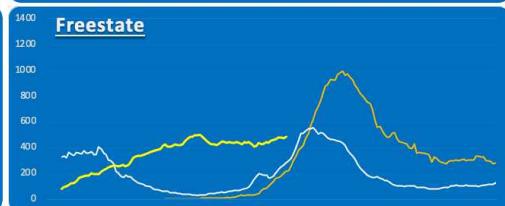
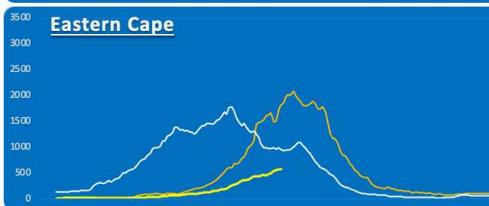
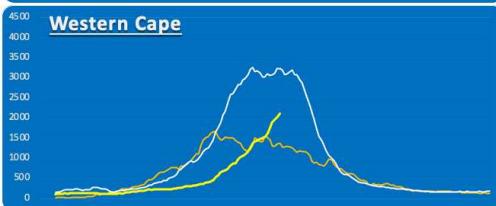
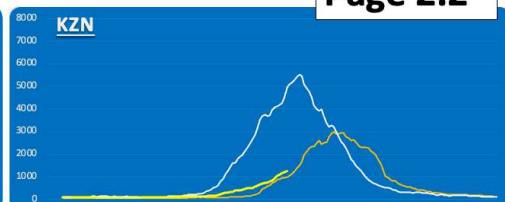
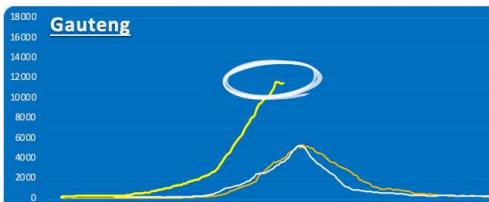
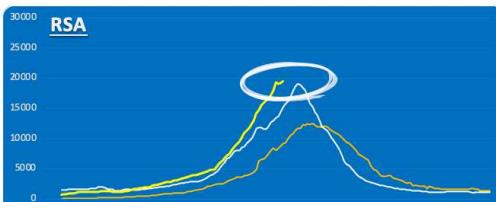
## RSA Daily Testing v Daily Cases v Hospitalisations v Daily Deaths (7Day MA)

Page 2.1

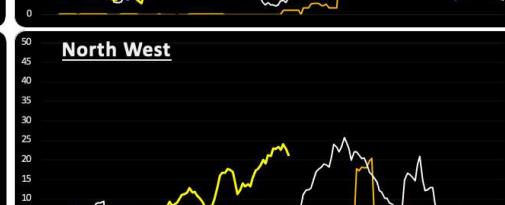
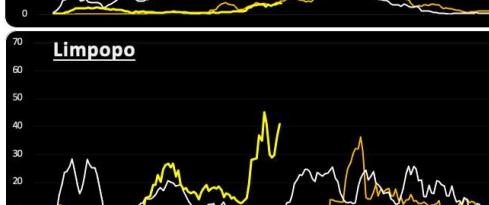
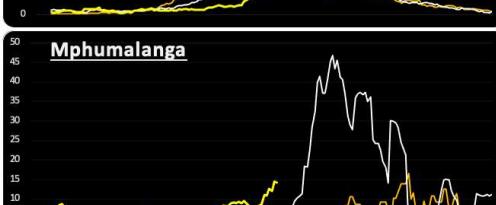
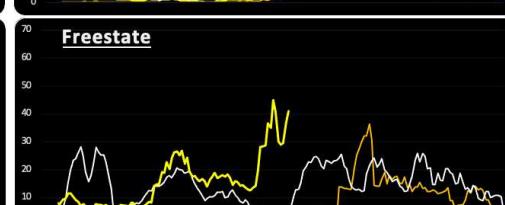
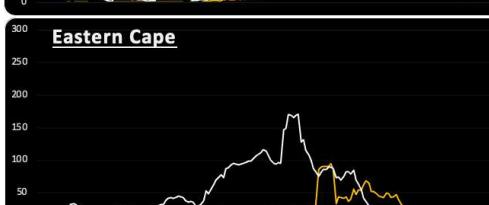
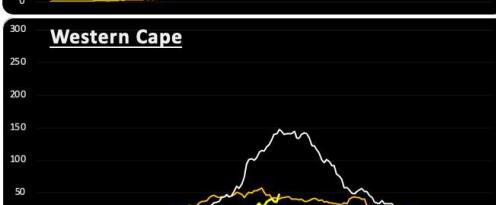
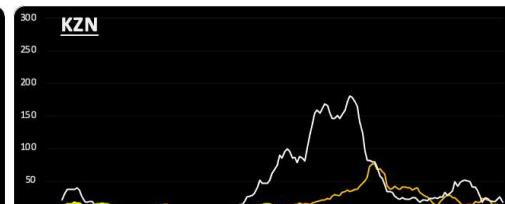
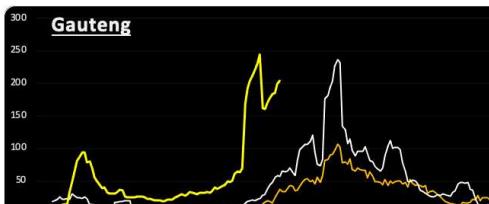
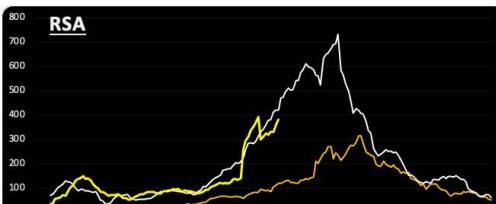
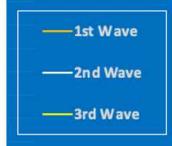


## 1st / 2nd & 3rd Wave OVERLAYS (CASES & DEATHS) 7 Day MA

Page 2.2



## CASES



## DEATHS

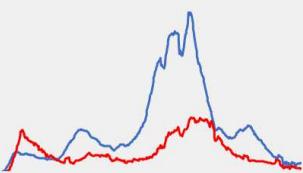


**World Daily Reported New Cases & New Deaths**  
 (Two linear vertical axes, not proportional)

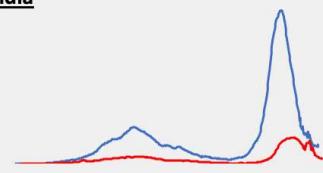
Daily Deaths 7 Day MA  
 Daily Cases 7 Day MA

Page 2.3

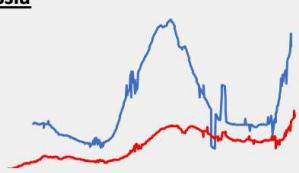
USA



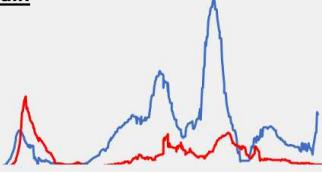
India



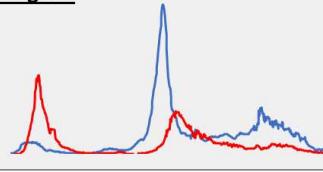
Russia



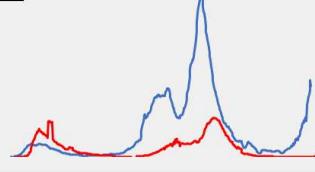
Spain



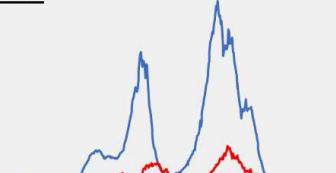
Belgium



UK



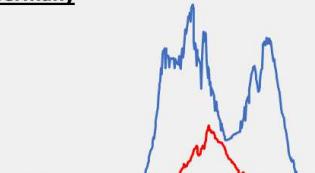
Israel



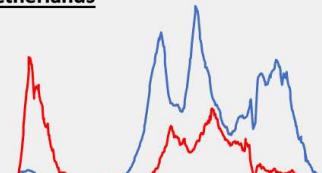
Japan



Germany



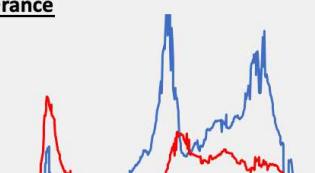
Netherlands



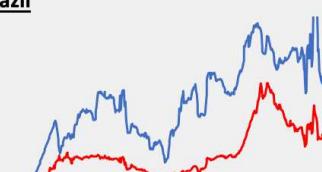
Italy



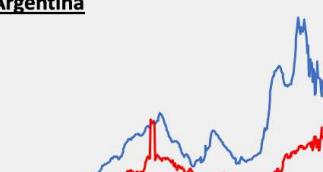
France



Brazil



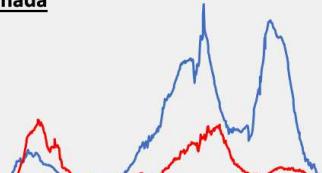
Argentina



Sweden



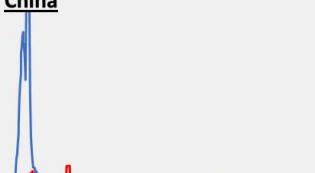
Canada



Australia



China



AFRICA



World

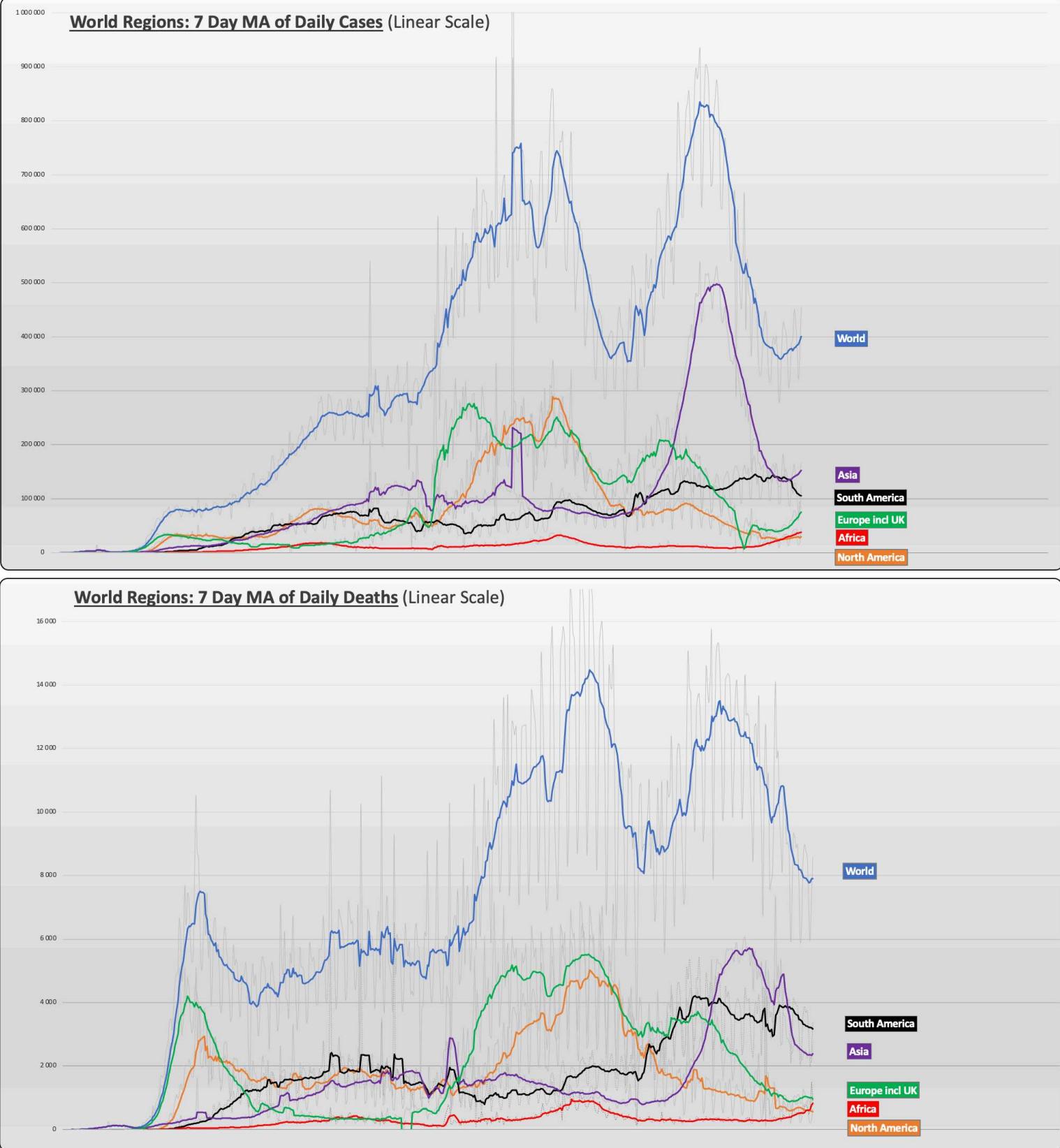


RSA



## **7 Day Moving Average of Daily Reported Deaths & Cases by World Region**

**Page 3.0**



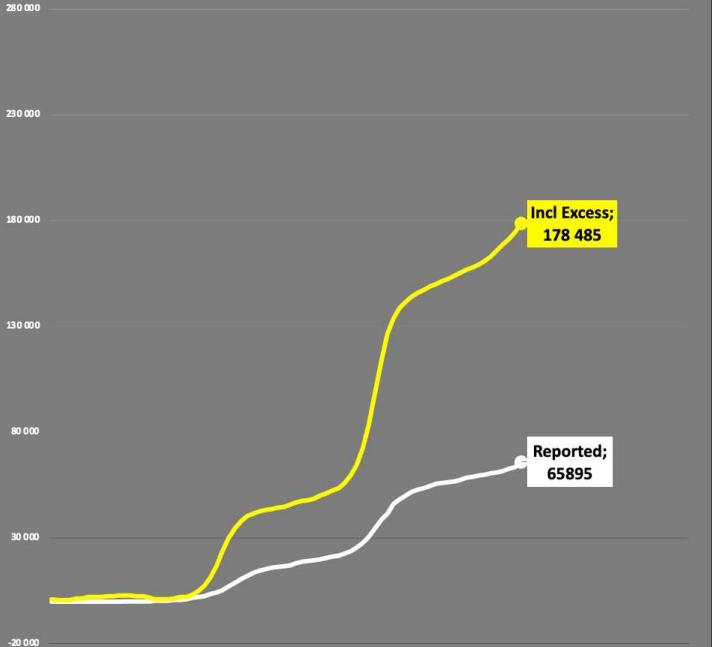
## RSA Cum & Projected Deaths (Reported & Incl Excess)

As at : 26 June 2021

Page 4

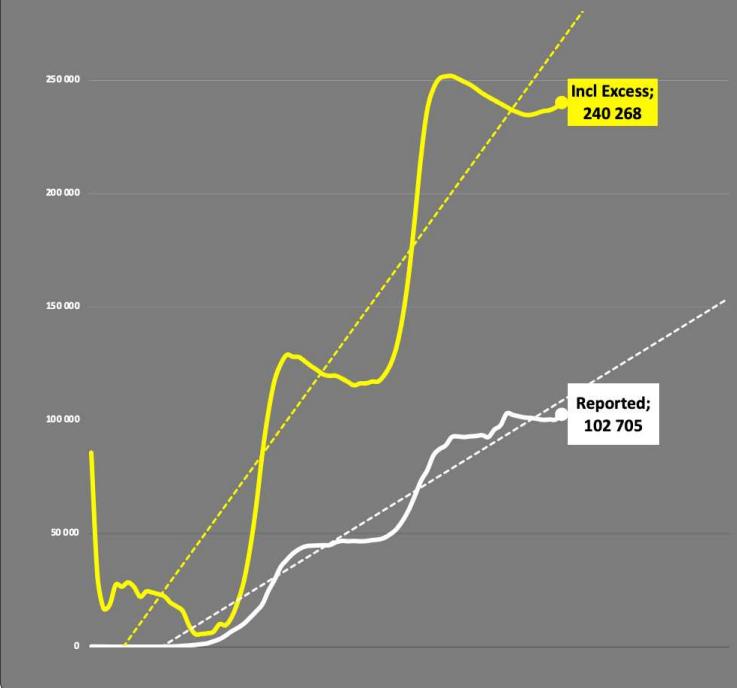
### RSA CUM DEATHS (updated weekly)

Assuming 90% of Excess Deaths are Covid related.



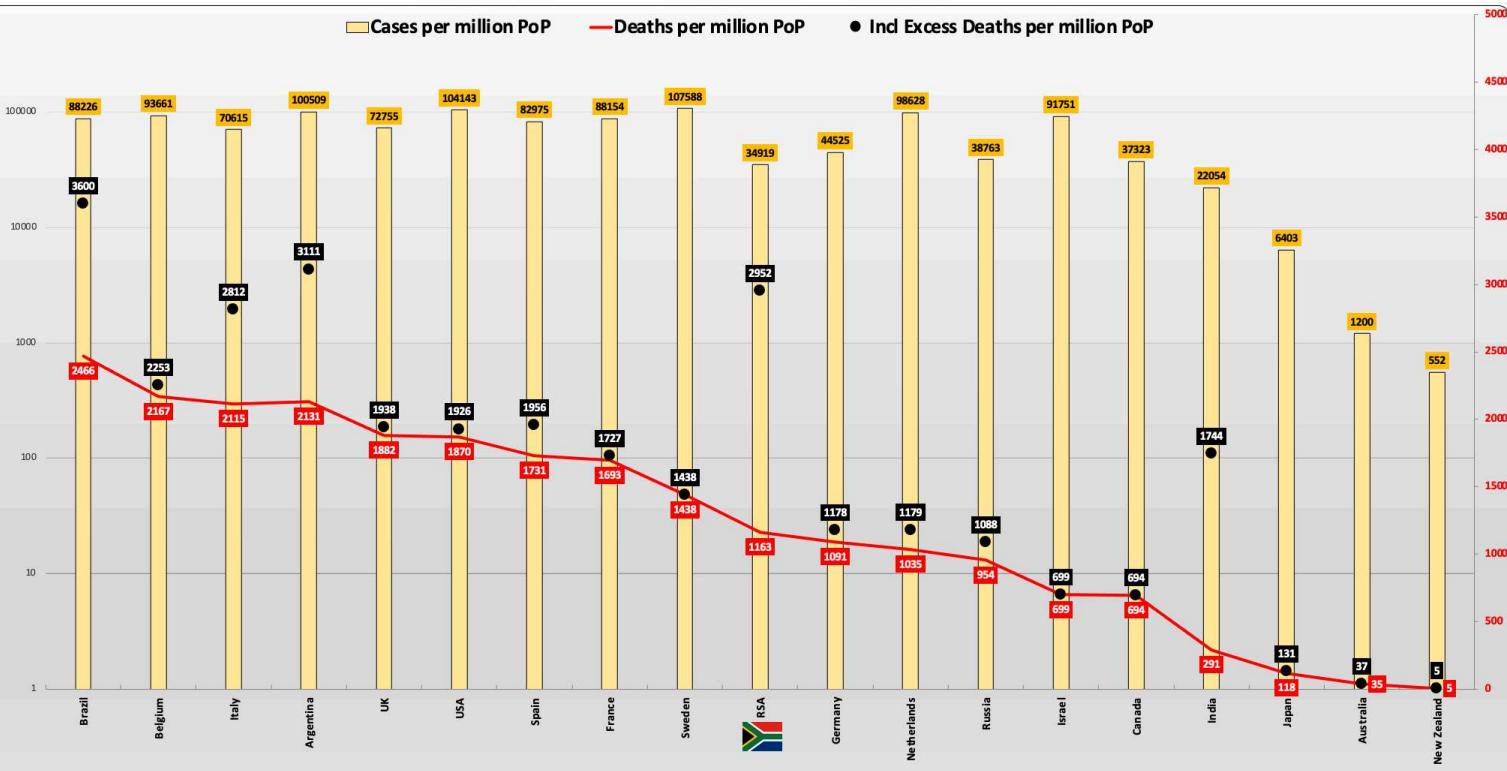
### RSA COVID DEATHS PROJECTED TO end 2021

Assuming 90% of Excess Deaths are Covid related.



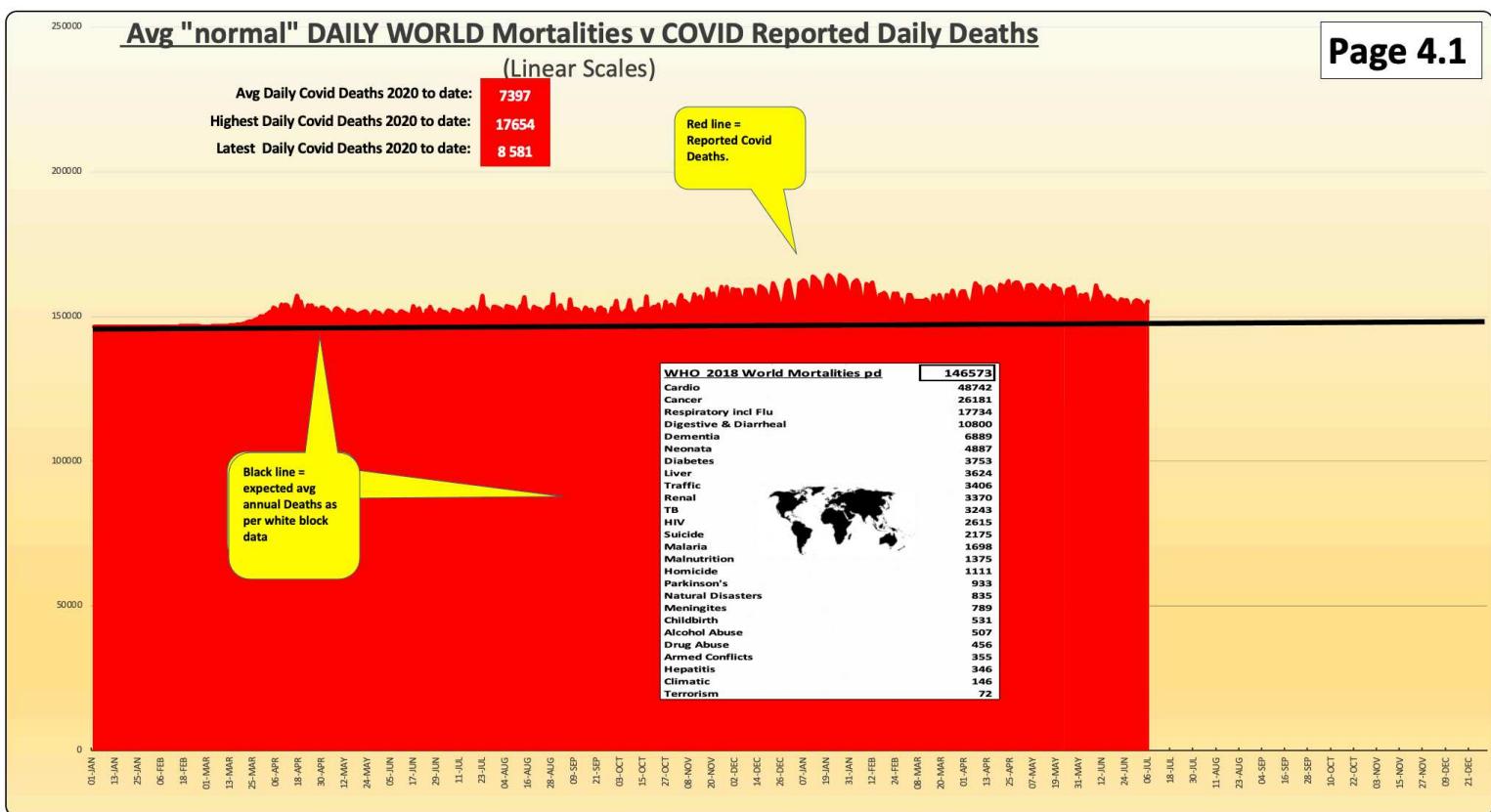
## Selected Countries' Current Reported Cases, Reported & Excess Deaths per million PoP

■ Cases per million PoP   ■ Deaths per million PoP   ■ ● Ind Excess Deaths per million PoP



Data as at: 26 June 2021 Unless otherwise indicated

hdg 07 July 2021

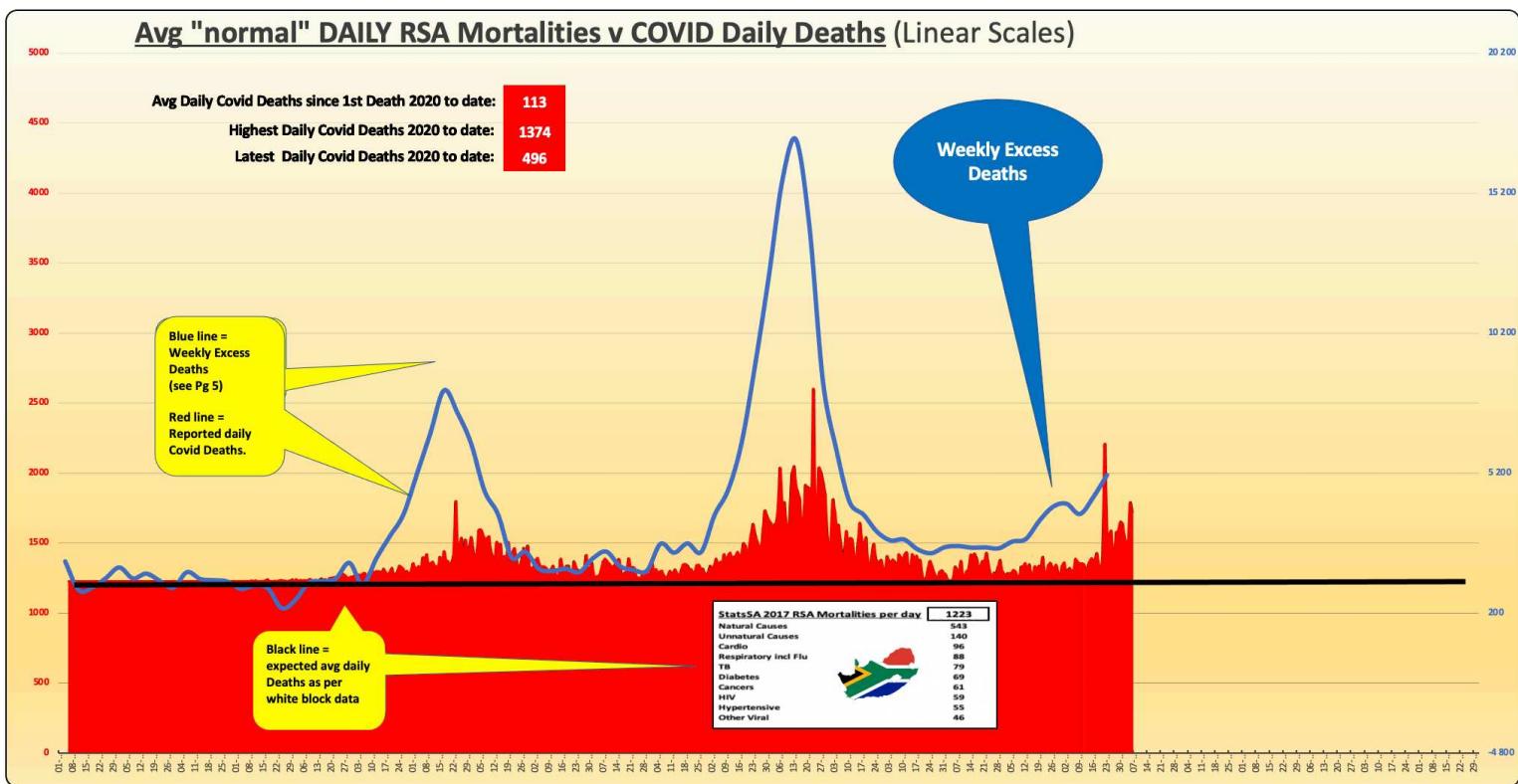


The two graphs WORLD (above) and RSA (below) attempt to put the number of Covid Deaths into some sort of perspective graphically.

The big RED blocks below the black lines are TOTAL Daily Avg Deaths from ALL causes.

The RED area/lines on top of the red blocks are the INCREMENTAL Actual Daily Deaths due to Covid as officially reported.

The BLUE line in the bottom RSA graph shows the SAMRC Excess Deaths weekly numbers.



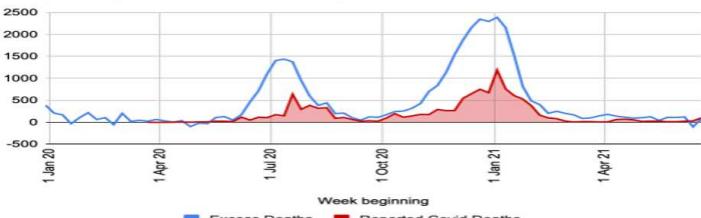
## RSA Excess Deaths as per SA Medical Research Council

As at : 25 June 2021

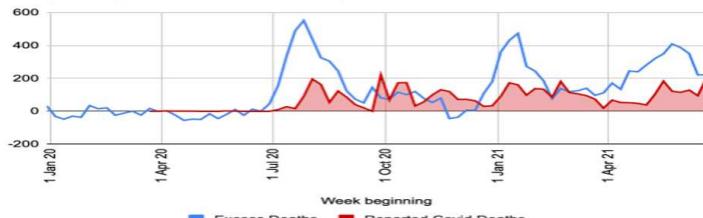
Page 4.2

### Provinces

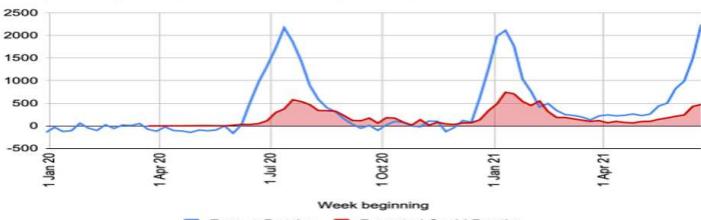
EC (Natural) Excess Deaths and Reported Covid-19 Deaths



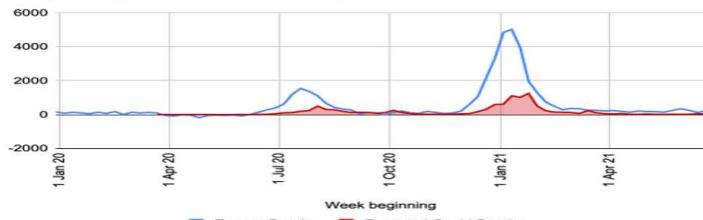
FS (Natural) Excess Deaths and Reported Covid-19 Deaths



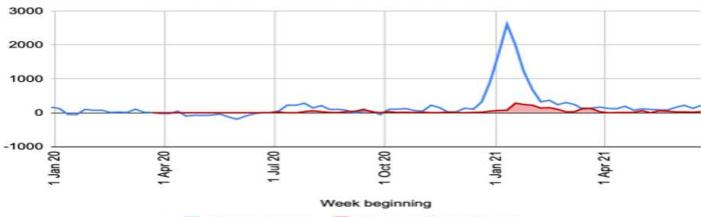
GT (Natural) Excess Deaths and Reported Covid-19 Deaths



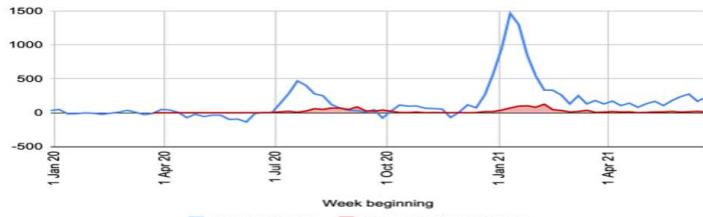
KZ (Natural) Excess Deaths and Reported Covid-19 Deaths



LM (Natural) Excess Deaths and Reported Covid-19 Deaths



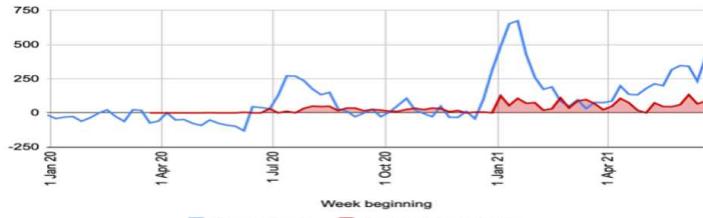
MP (Natural) Excess Deaths and Reported Covid-19 Deaths



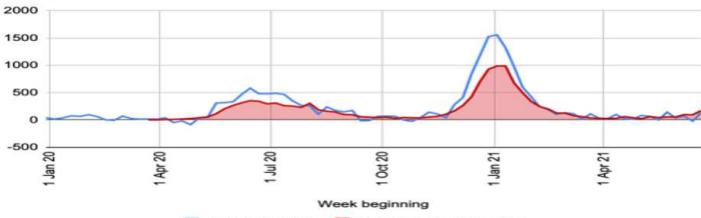
NC (Natural) Excess Deaths and Reported Covid-19 Deaths



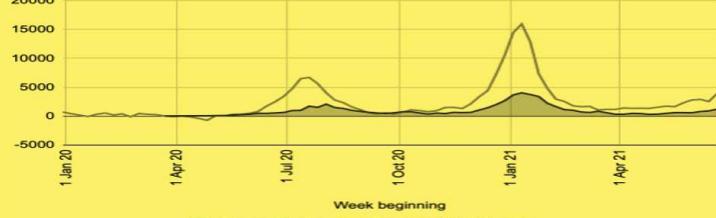
NW (Natural) Excess Deaths and Reported Covid-19 Deaths



WC (Natural) Excess Deaths and Reported Covid-19 Deaths



RSA (Natural) Excess Deaths and Reported Covid-19 Deaths



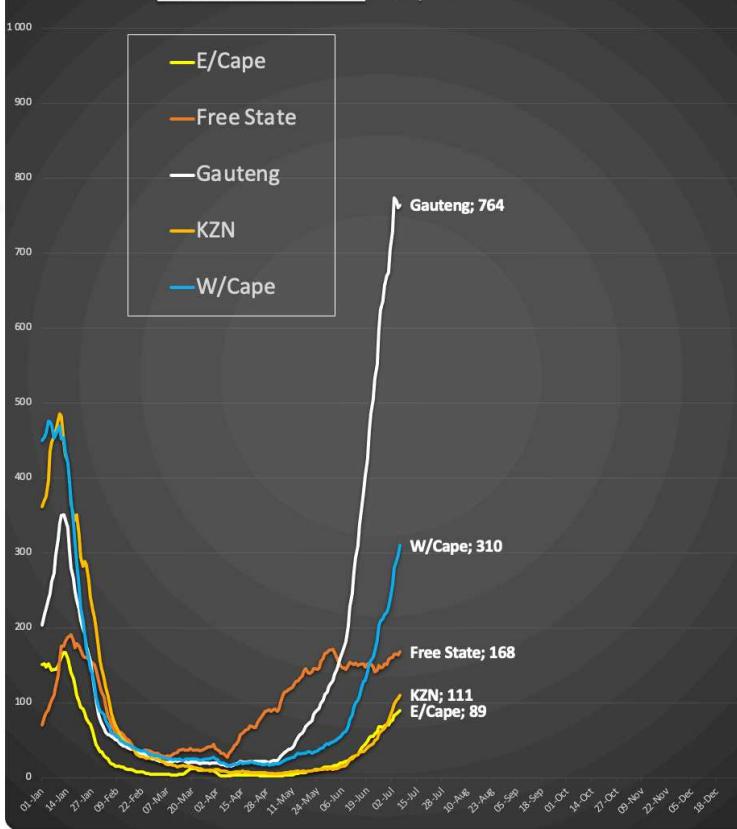
The red lines are weekly Covid deaths as reported by Dept of Health.

The blue lines are total Natural Deaths as reported by Dept of Home Affairs.

The gaps are the socalled "Excess Deaths" which can largely be ascribed to Covid, either directly (home/rural deaths) and/or indirectly (limited access to hospitals).

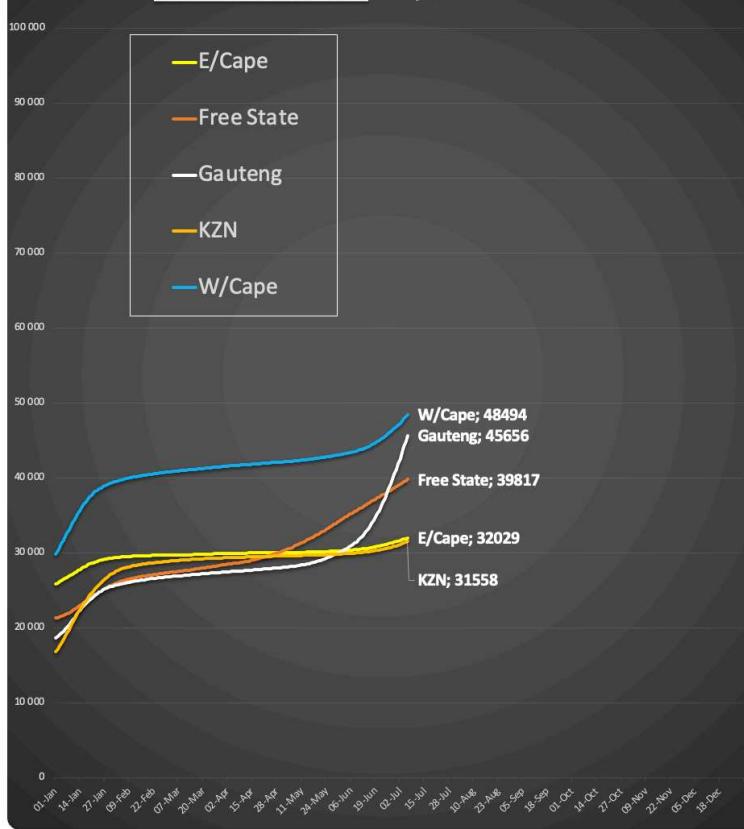
**Reported DAILY CASES per mill PoP**

Jan to Dec 2021 7 Day MA



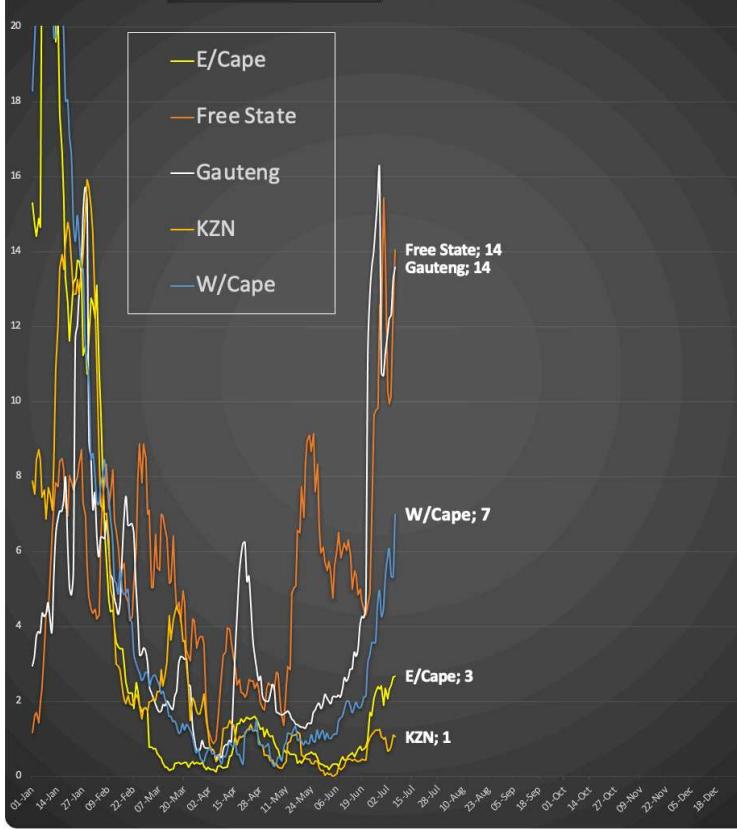
**Reported CUM CASES per mill PoP**

Jan to Dec 2021 7 Day MA



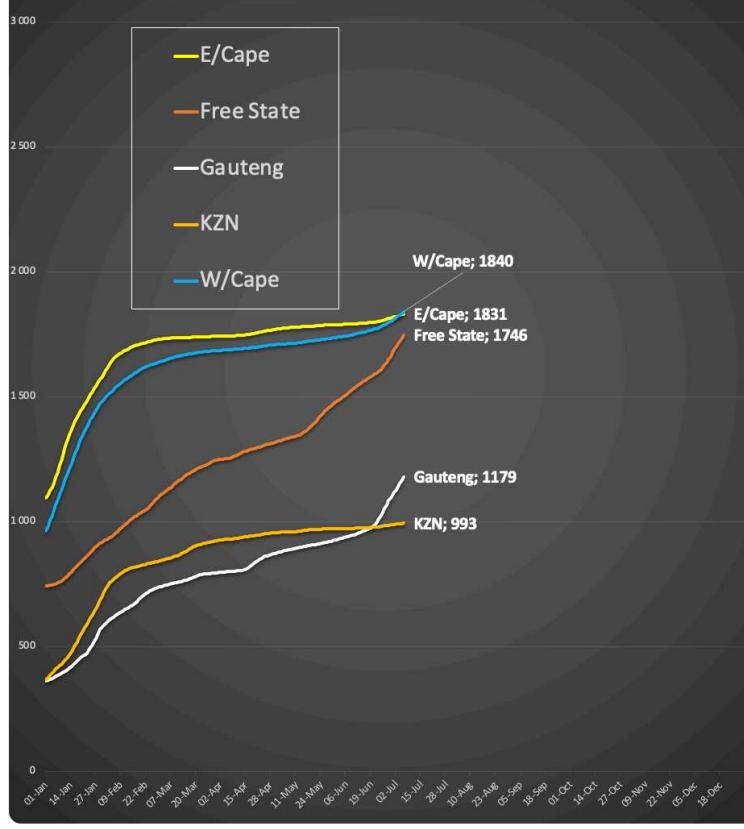
**Reported DAILY DEATHS per mill PoP**

Jan to Dec 2021 7 Day MA



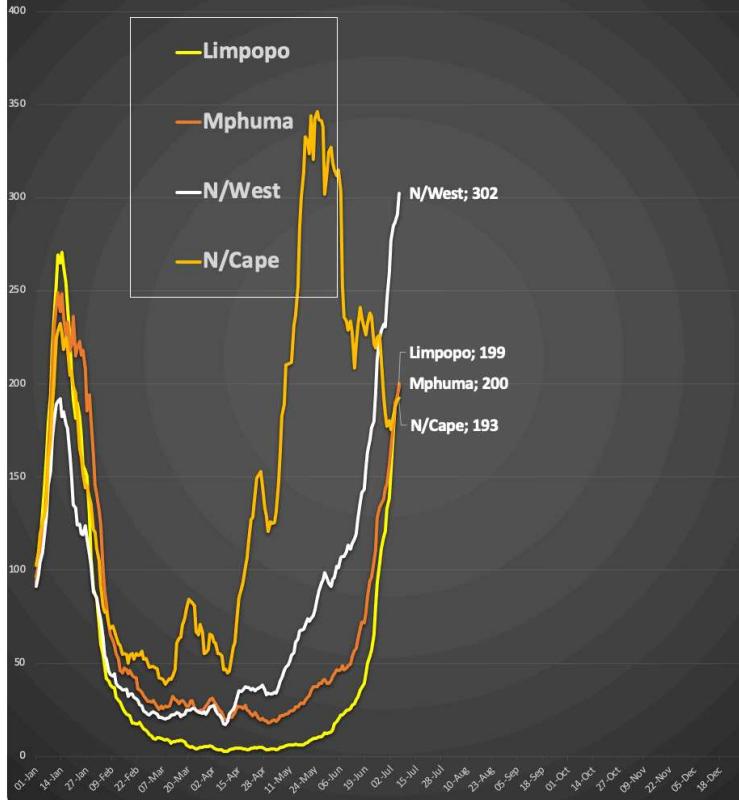
**Reported CUM DEATHS per mill PoP**

Jan to Dec 2021 7 Day MA



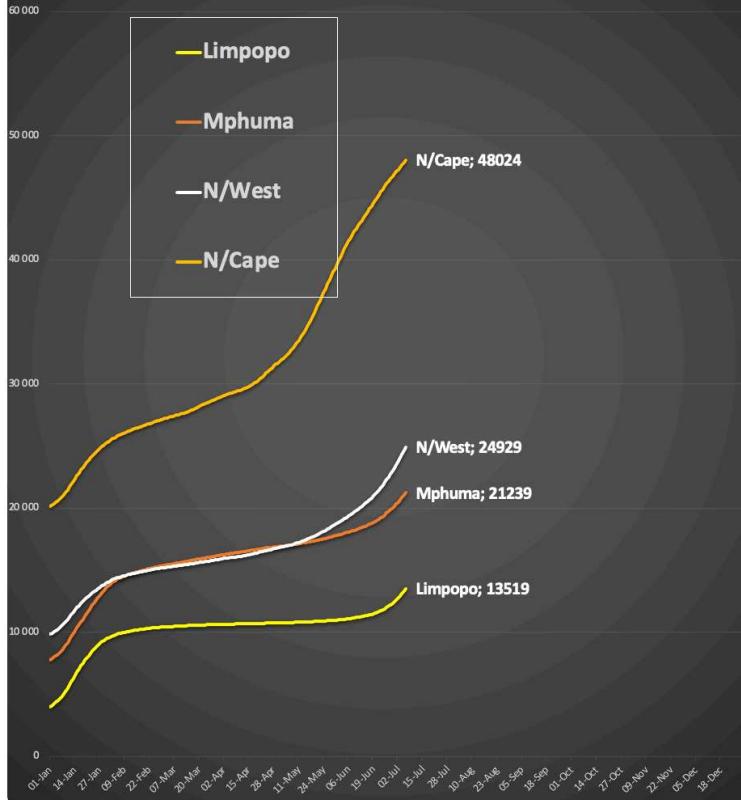
Reported DAILY CASES per mill PoP

Jan to Dec 2021 7 Day MA



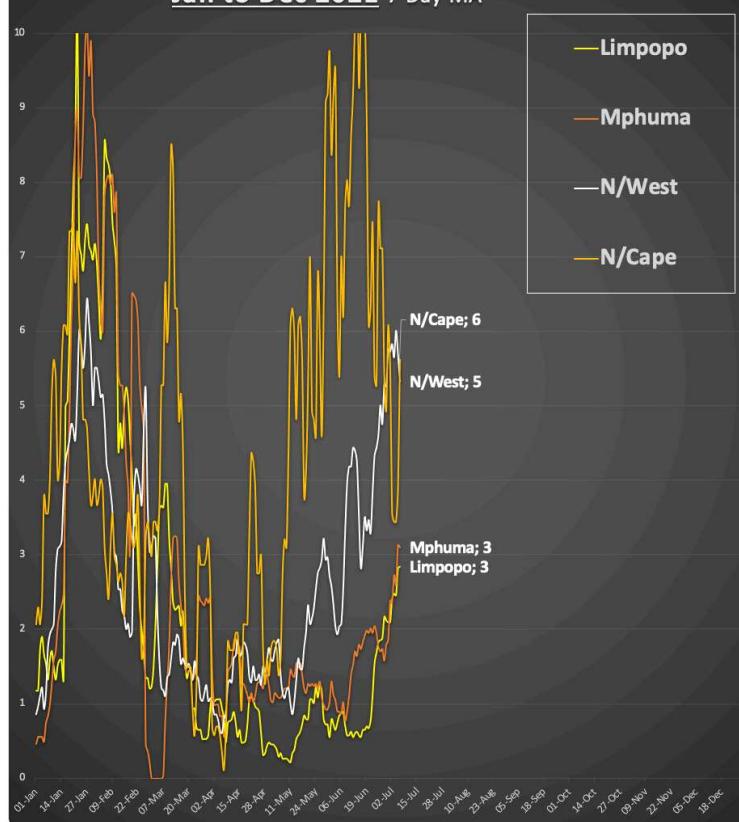
Reported CUM CASES per mill PoP

Jan to Dec 2021 7 Day MA



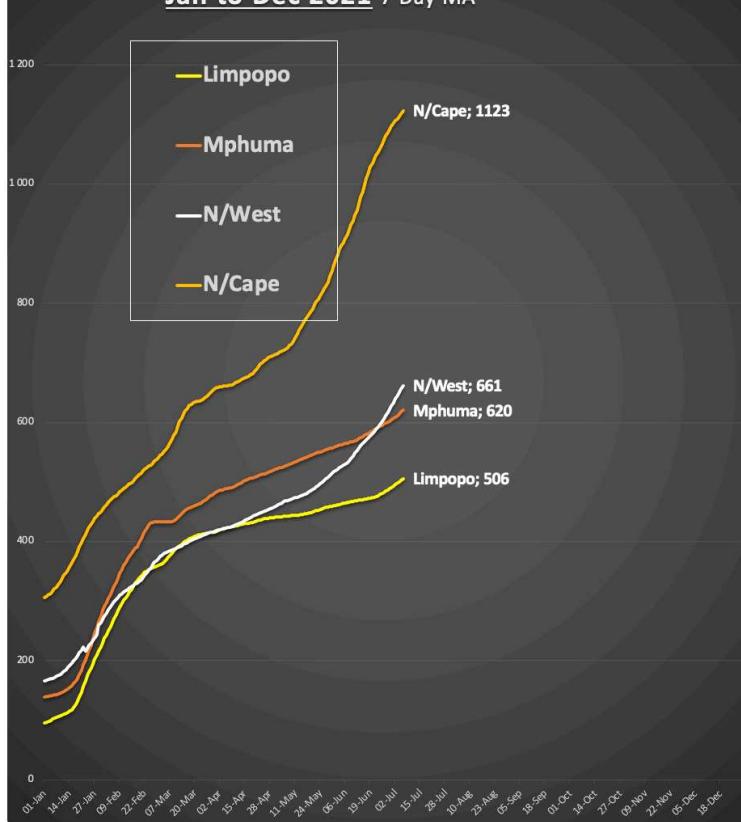
Reported DAILY DEATHS per mill PoP

Jan to Dec 2021 7 Day MA



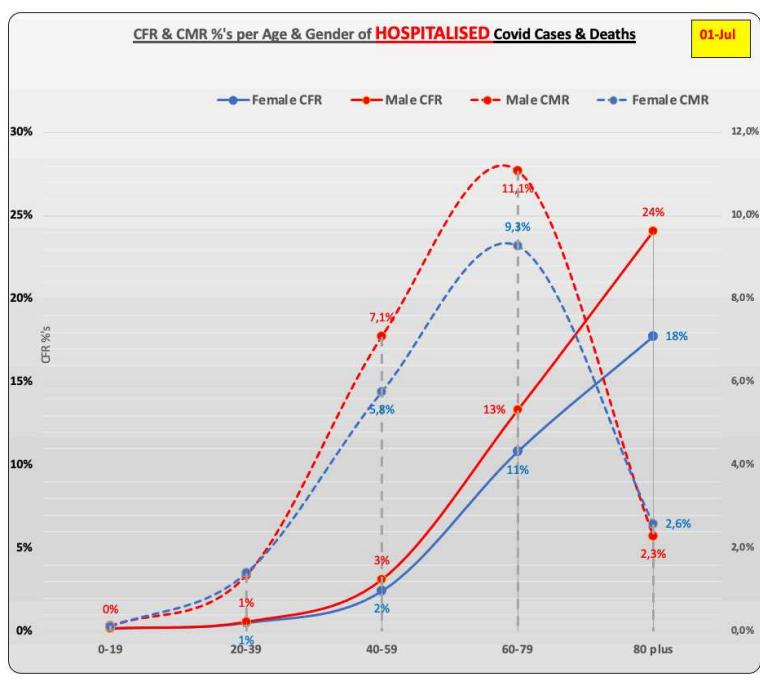
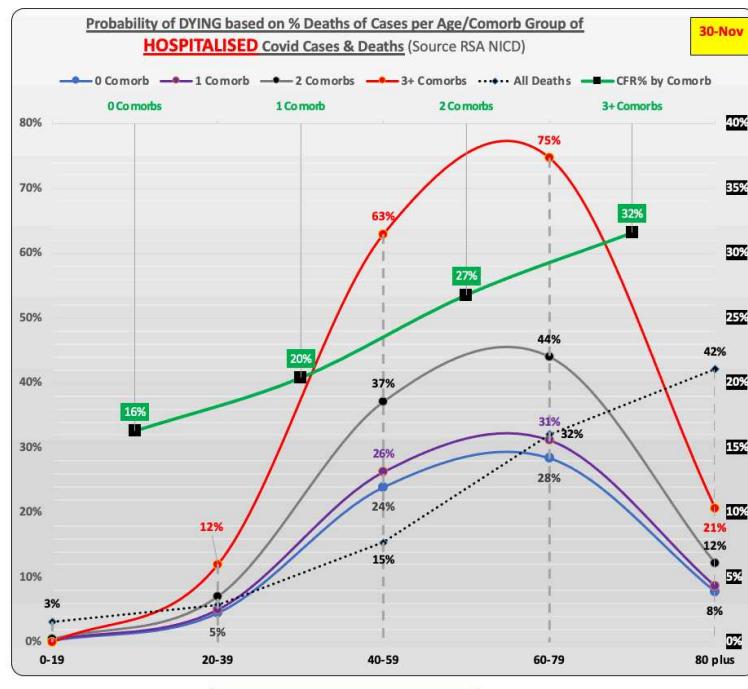
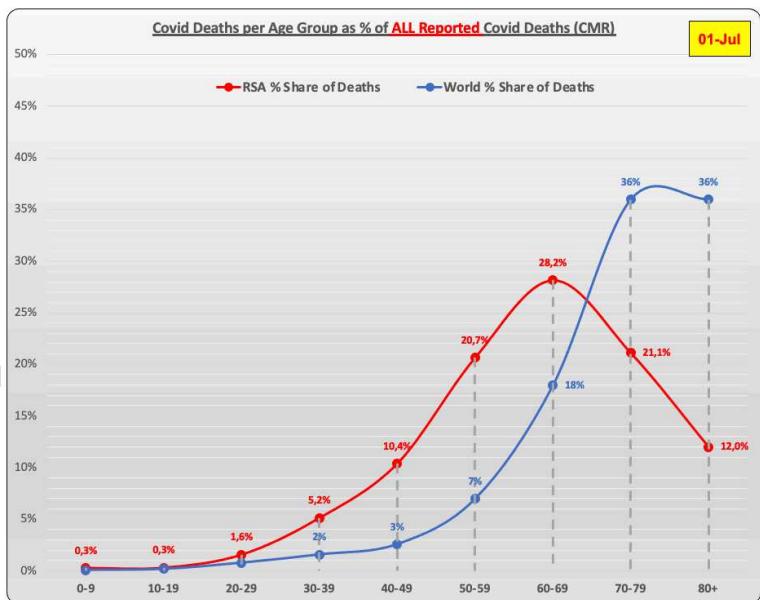
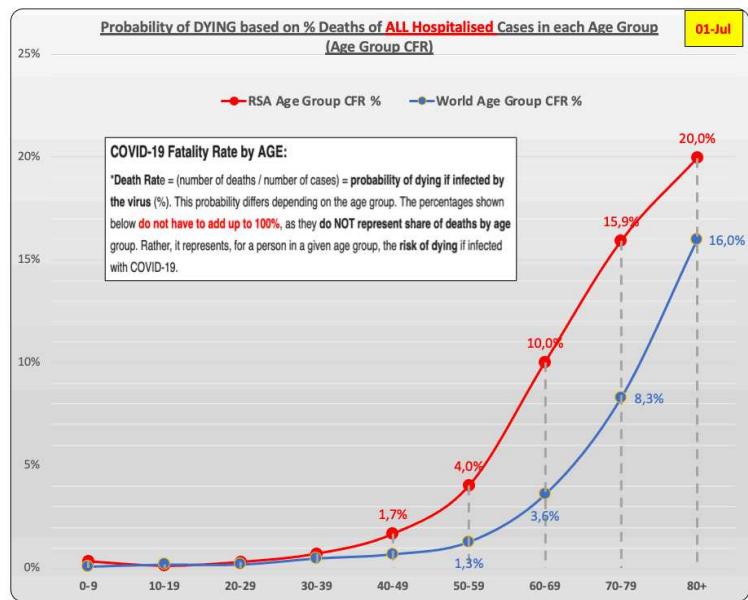
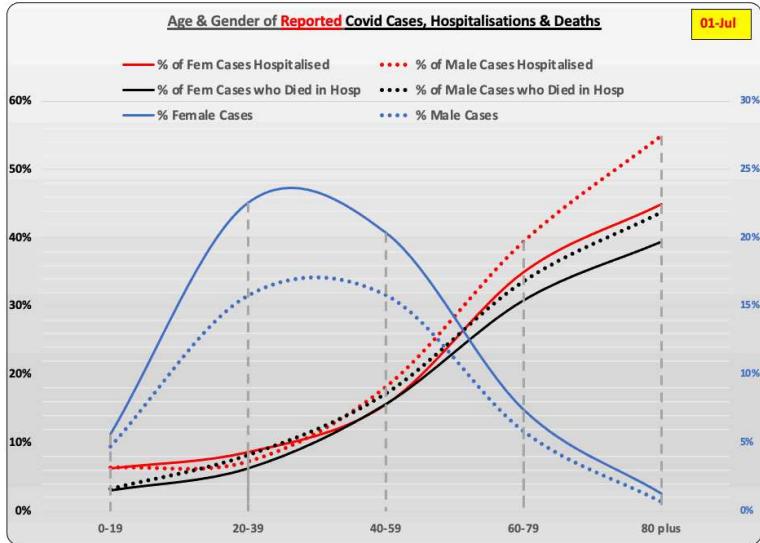
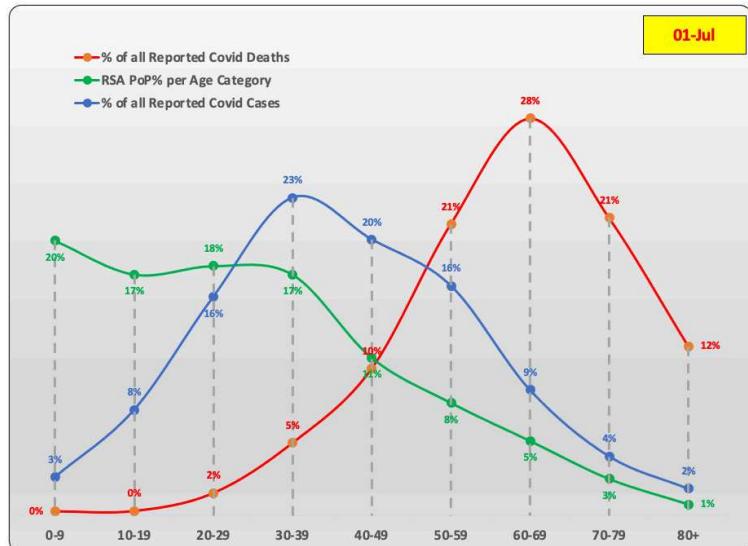
Reported CUM DEATHS per mill PoP

Jan to Dec 2021 7 Day MA



# RSA Age & Gender Stats

Page 6

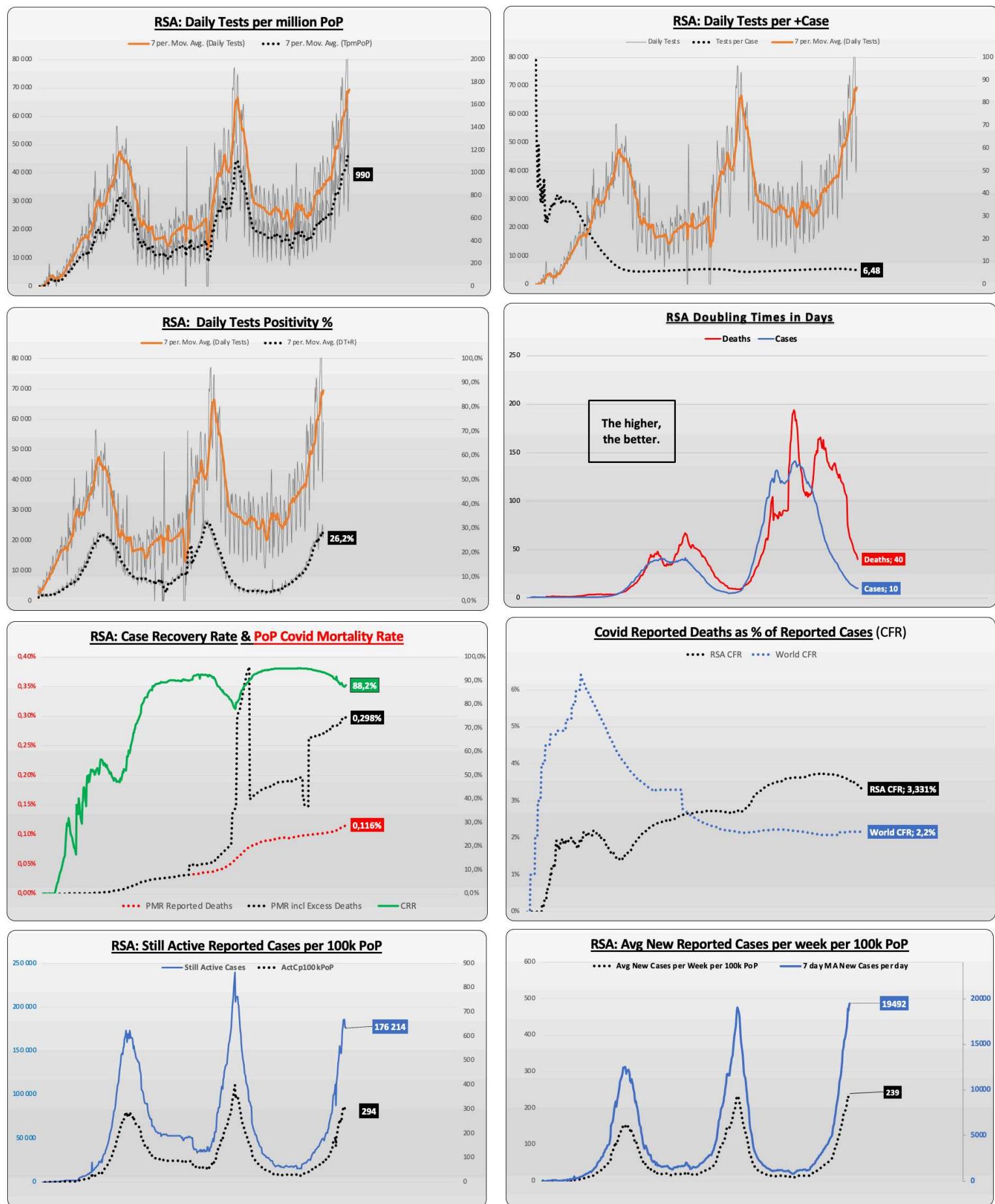


Data as at: As indicated per graph

hdg 07 July 2021

## RSA Key Ratios & Comparators (all graphs from Jan 2020)

Page 6.1



Data as at:

06 July 2021

Unless otherwise indicated

hdg

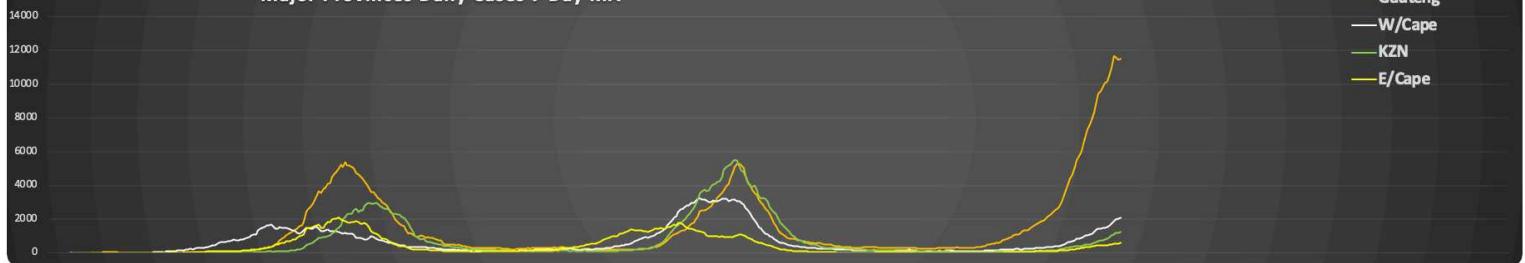
07 July 2021

## RSA & Provinces Key Data Sets

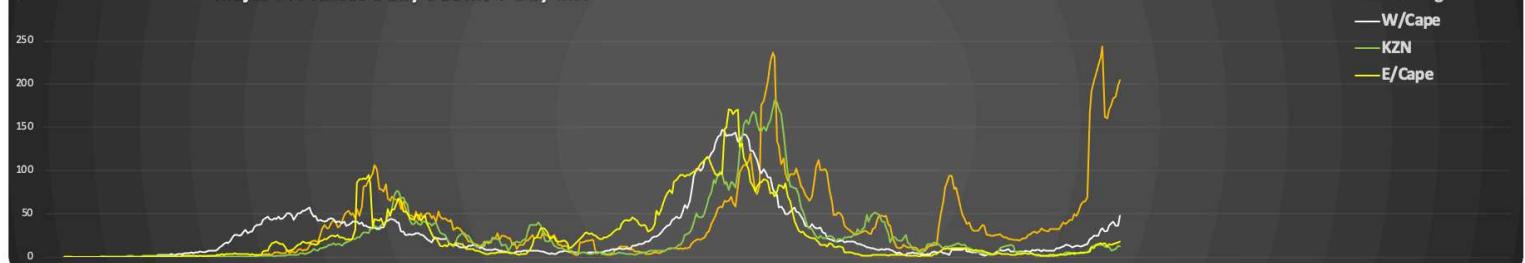
All linear scales

Page 6.2

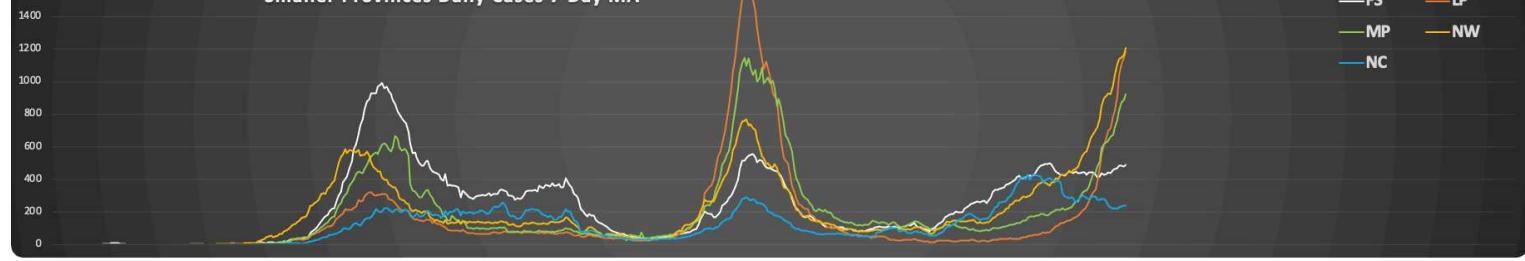
Major Provinces Daily Cases 7 Day MA



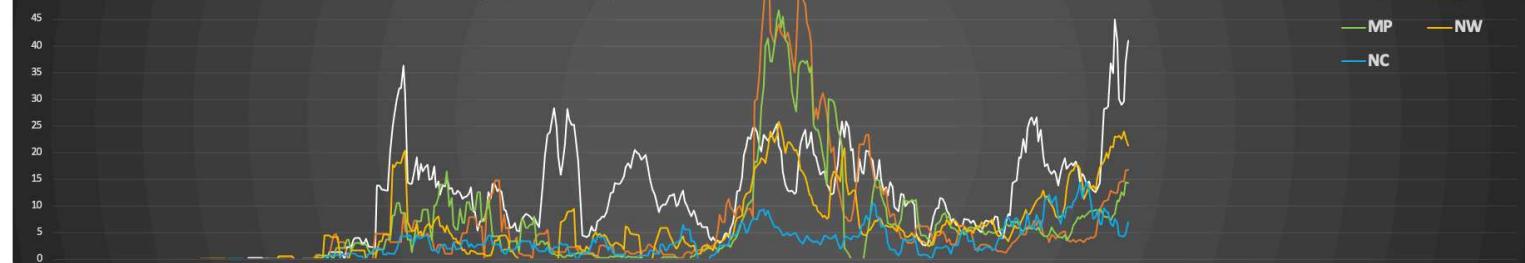
Major Provinces Daily Deaths 7 Day MA



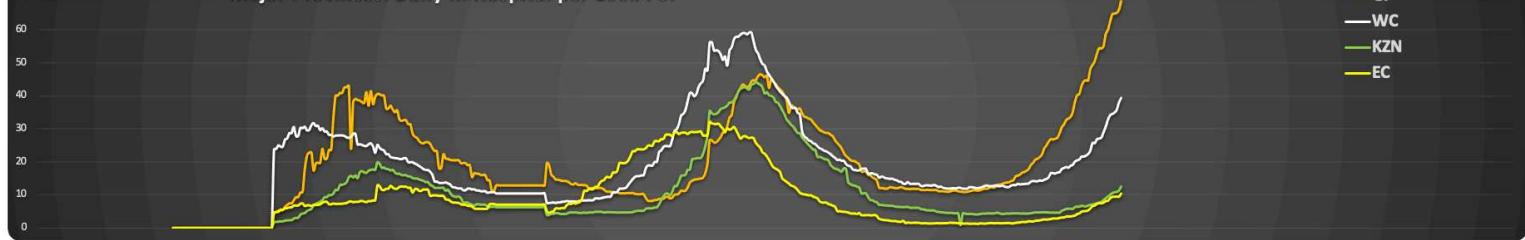
Smaller Provinces Daily Cases 7 Day MA



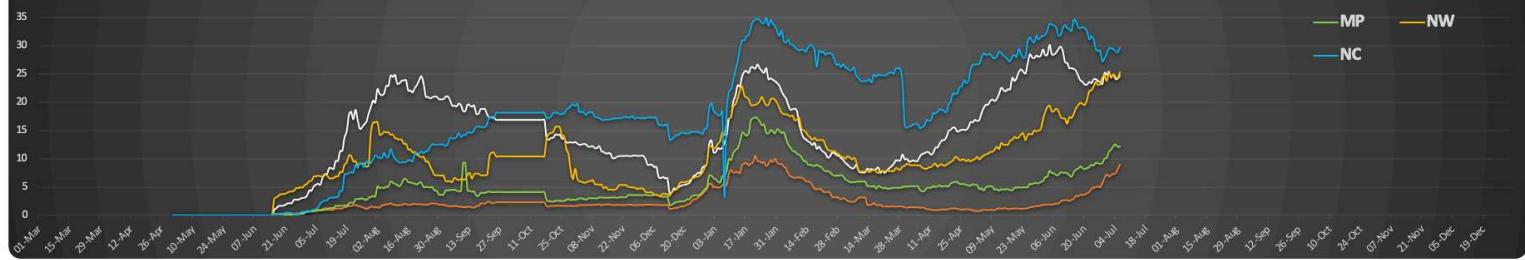
Smaller Provinces Daily Deaths 7 Day MA



Major Provinces: Daily In Hospital per 100k PoP



Smaller Provinces: Daily In Hospital per 100k PoP



Data as at:

06 July 2021

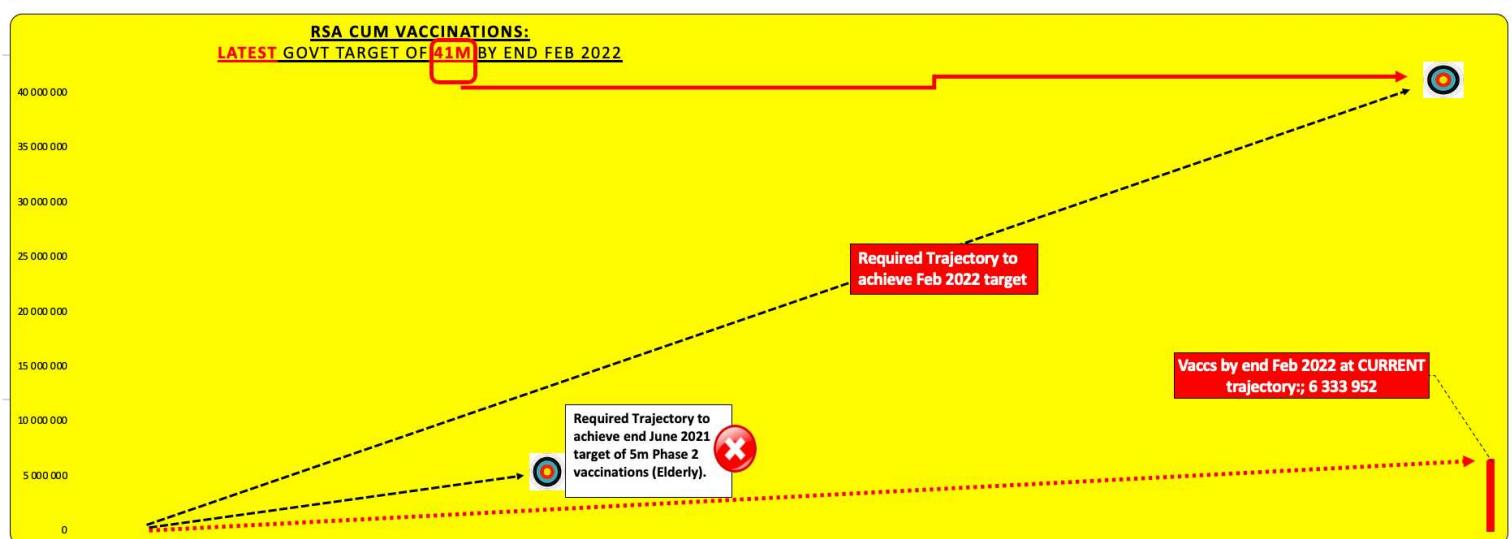
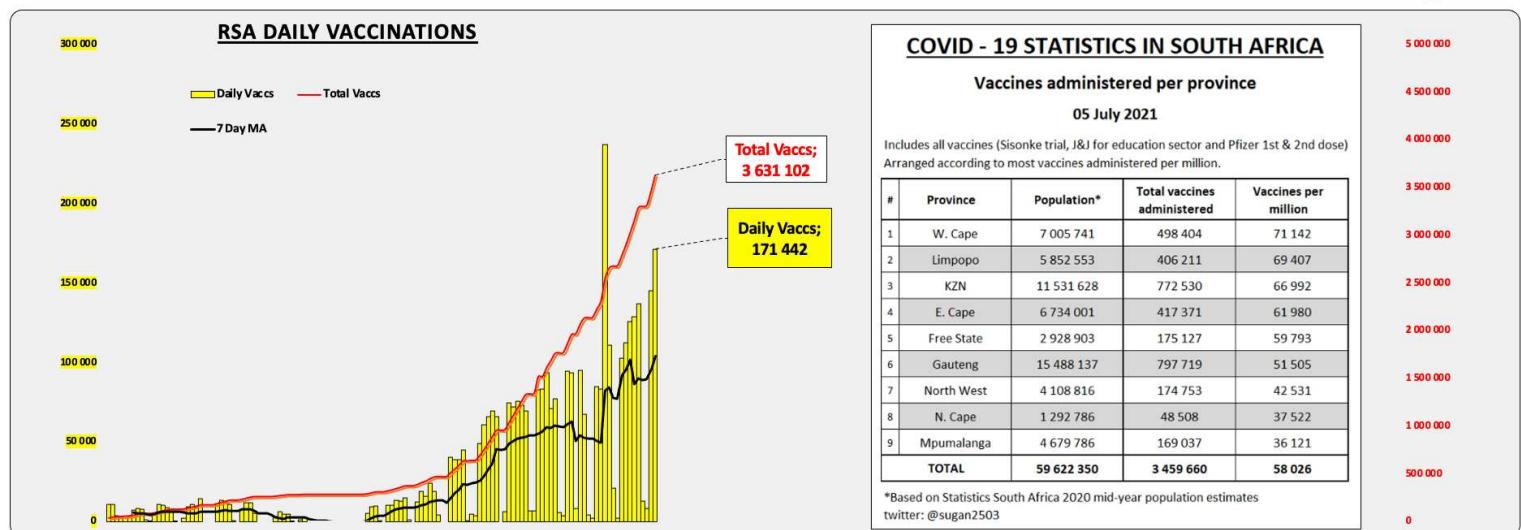
Unless otherwise indicated

hdg

07 July 2021

# Vaccination Data

Page 7



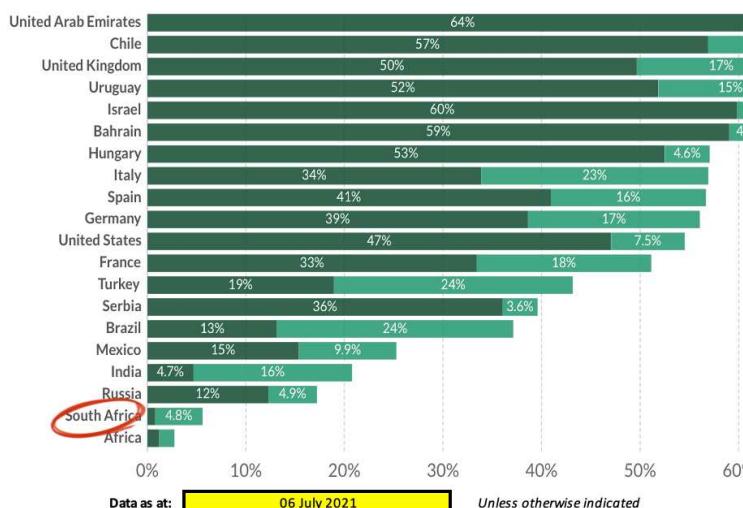
## Selected countries who publish their VAC data

Share of people vaccinated against COVID-19, Jul 5, 2021

This data is only available for countries which report the breakdown of doses administered by first and second doses.

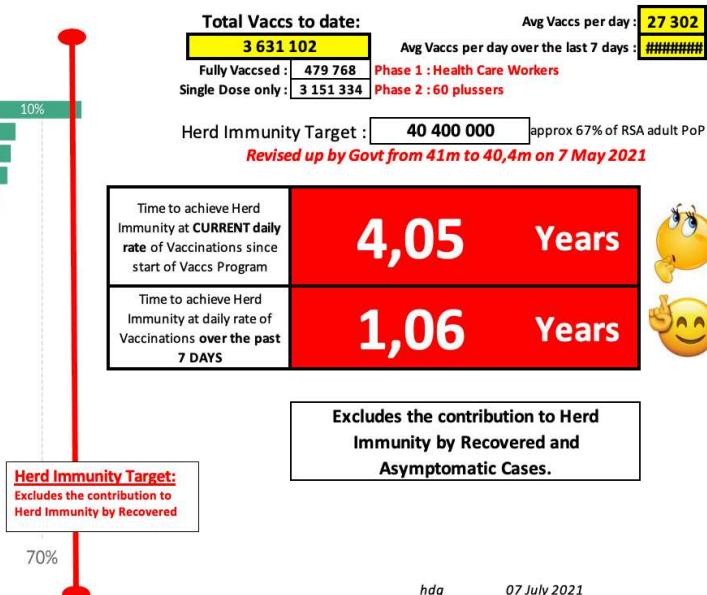
+ Add country

■ Share of people fully vaccinated against COVID-19 ■ Share of people only partly vaccinated against COVID-19



Our World in Data

**How long will it take for RSA to achieve Herd Immunity Target at current rate of Vaccination ?**



# South Africa's vaccination plan

Updated 7 May 2021



Pfizer BioNTech requires two doses



Johnson & Johnson requires one dose



= Sisonke Trial

= National Rollout

## VACCINATION ROLLOUT

**28 April 2021**

The Sisonke study, which uses the Johnson & Johnson vaccine, resumed after a two-week pause. The health department calls the study Phase 1A of the vaccine roll-out. By 6 May 366 101 of the 500 000 health workers in the trial had been vaccinated.

### +60 year olds and health workers

Phase 2 starts on May 17. This phase will run concurrently with Phase 1B, which will cover health workers who were not vaccinated by the Sisonke study. Phase 2 will start with people over 60, which is estimated to be a population of five million. The oldest people, who have registered on the EVDS\*, will generally get vaccinated first.

\*Go to [vaccine.enroll.gov.za](http://vaccine.enroll.gov.za) to register

### +40 year olds

From July, people over 40 will be included in Phase 2 of the vaccination roll-out, as well as people in congregate settings such as old-age homes (1.1 million people are estimated to reside in congregate settings)

### Everyone over 18 years of age

In November, everyone else (those 18 years and older) will get their turn to get vaccinated in Phase 3 of the roll-out. This will be about 22.6 million people.

### February 2022

The target, at this stage, is to have all people of 18 years and older vaccinated by February 2022. The health department says this will be up to 40.4 million people.

2021

Apr

May

Jun

Jul

Nov

Dec



2022

## PLANNED VACCINE DELIVERIES

### 2 May 2021 Pfizer

The first batch of 325,260 doses of Pfizer-BioNTech vaccine arrived in South Africa. This two-shot vaccine will be used to start vaccinating the remaining 700,000 health workers not covered by the Sisonke trial, as well as people over 60.

### May to June 2021 Pfizer

Health Minister Zweli Mkhize says 5.9 million doses from Pfizer will arrive in weekly shipments of 325,260 doses until 30 May. For the five weeks after that 636,480 doses will be delivered weekly. Another 1.4 million doses of Pfizer-BioNTech vaccine are expected from Covax.

### Mid-May to June 2021 J&J

1.1 million paid-for Johnson & Johnson vaccines are expected to arrive in mid-May, then two deliveries of 900,000 doses each are expected by the end of June. This is dependent on when Aspen releases the jabs. The health department says the shots have been made, but can be released only once a safety verification process by international regulatory authorities has been completed. \*\*

### July to December 2021 Pfizer

In Parliament on 28 April, Mkhize said by the end of June another 2 million doses of Pfizer-BioNTech are expected and another 8 million are expected by the end of September. The president omitted these doses in parliament on 6 May.

28.2 million Johnson & Johnson doses are expected between July and the end of the year. J&J

### Total Vaccines by end of 2021

J&J	Johnson & Johnson = 31.2 million ** (mainly for use in rural districts)
Pfizer	Pfizer-BioNTech = 31.4 million (for use in metros)

\*\* The Health Department's presentation to Parliament 28 April stated 3 million Johnson & Johnson shots would be delivered in Q2 2021. In previous statements the department has indicated that 2.9 million shots will be delivered in that period. This timeline is based on the most recent information available on 6 May. We will update the timelines and re-circulate them when the information changes.

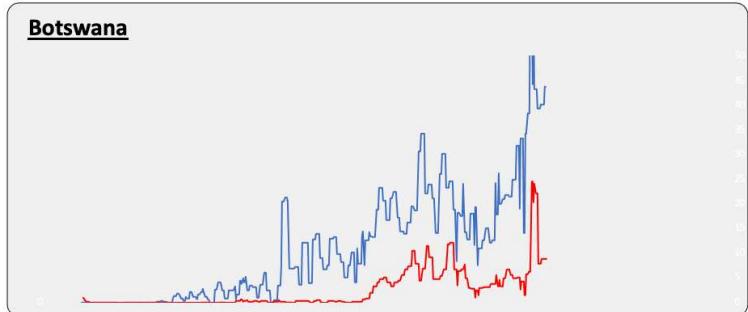
## Southern Africa Daily Reported New Cases & Deaths 7 Day MA

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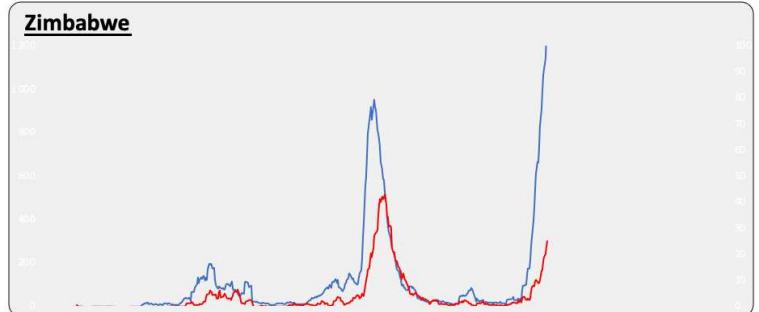
(Jan 2020 to Present)

CASES DEATHS

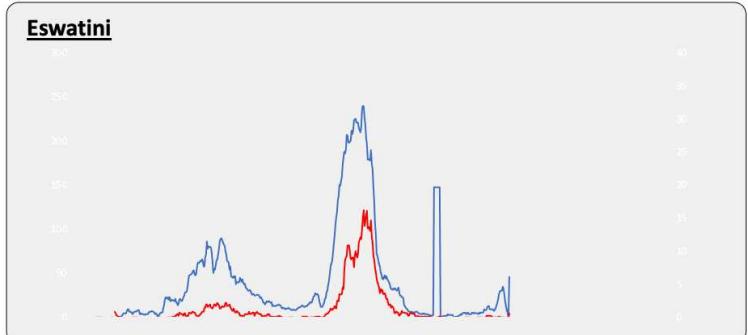
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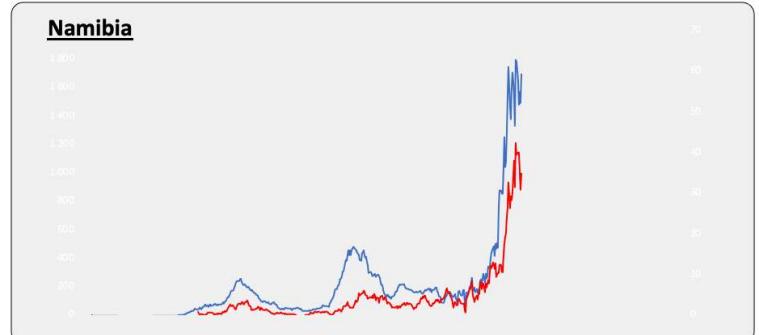
Zimbabwe



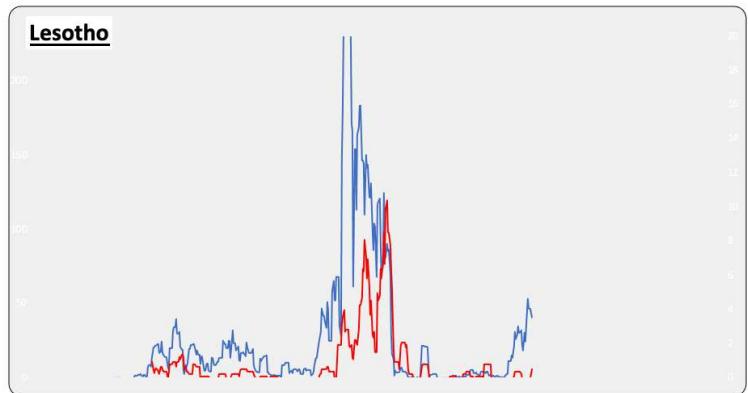
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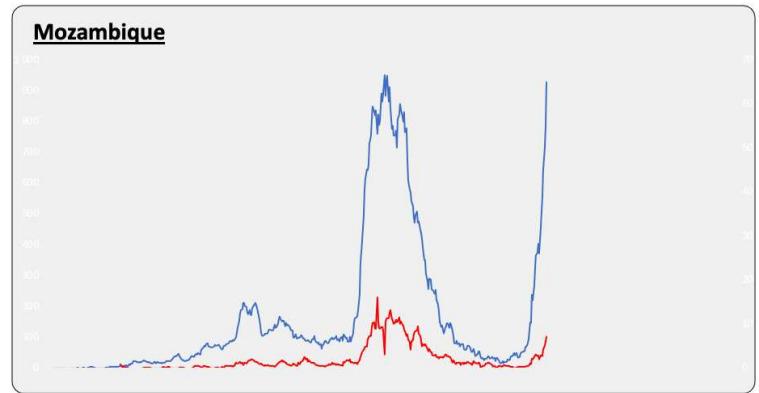
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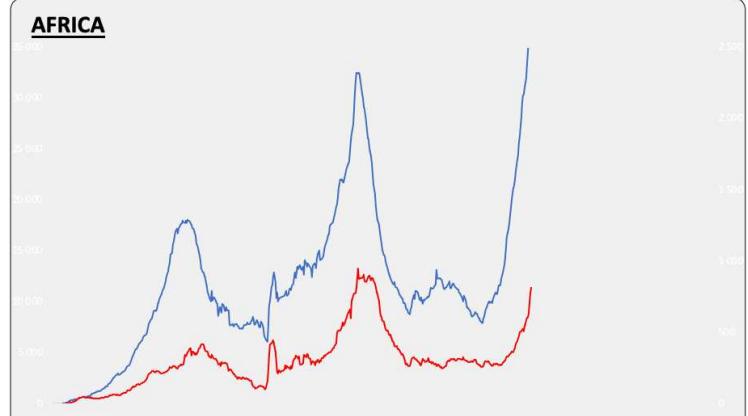
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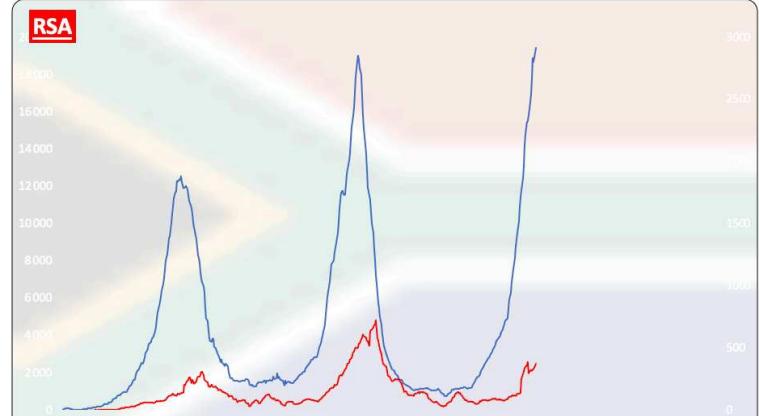
Mozambique



AFRICA



RSA



Data as at: 07 July 2021

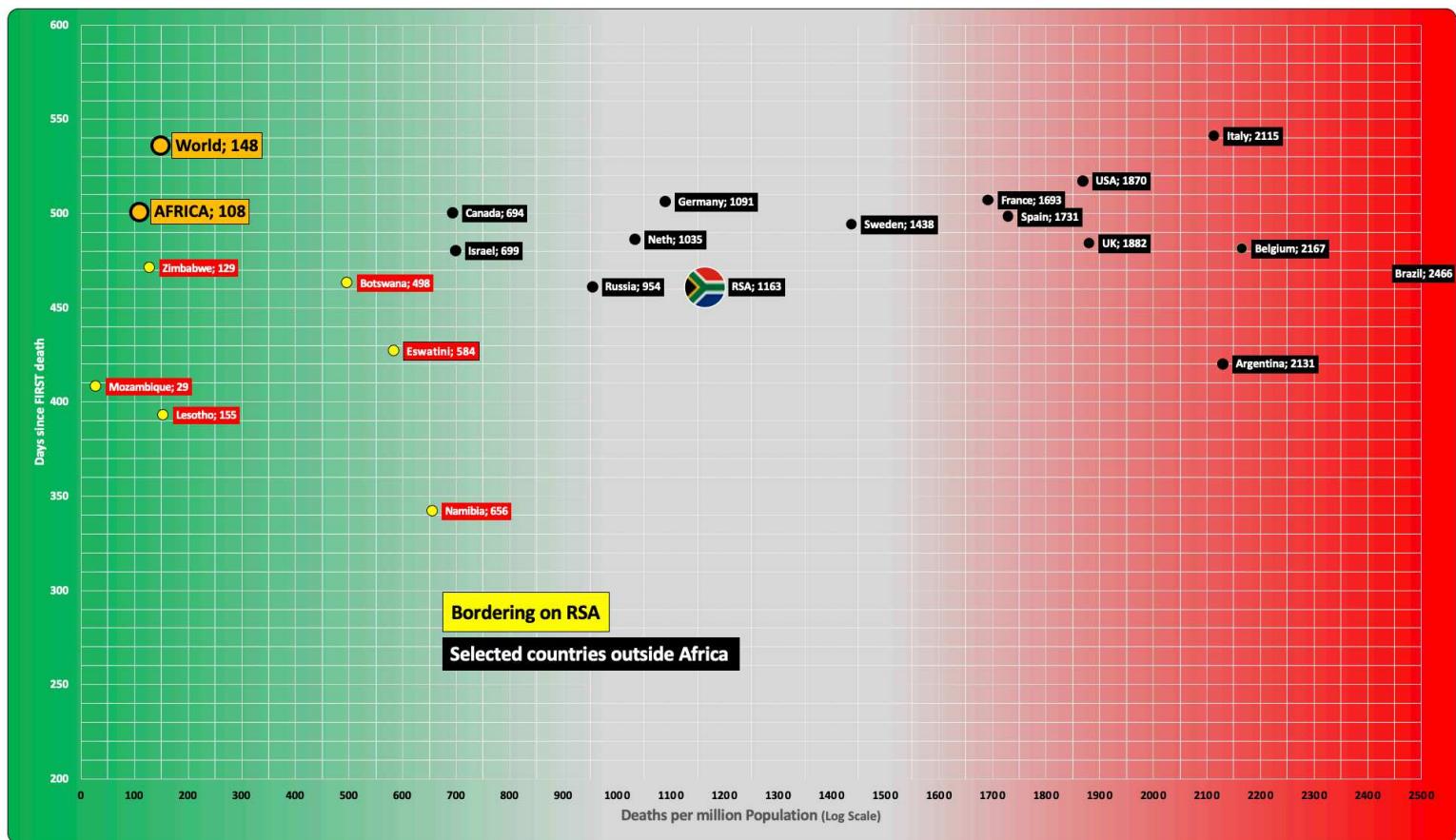
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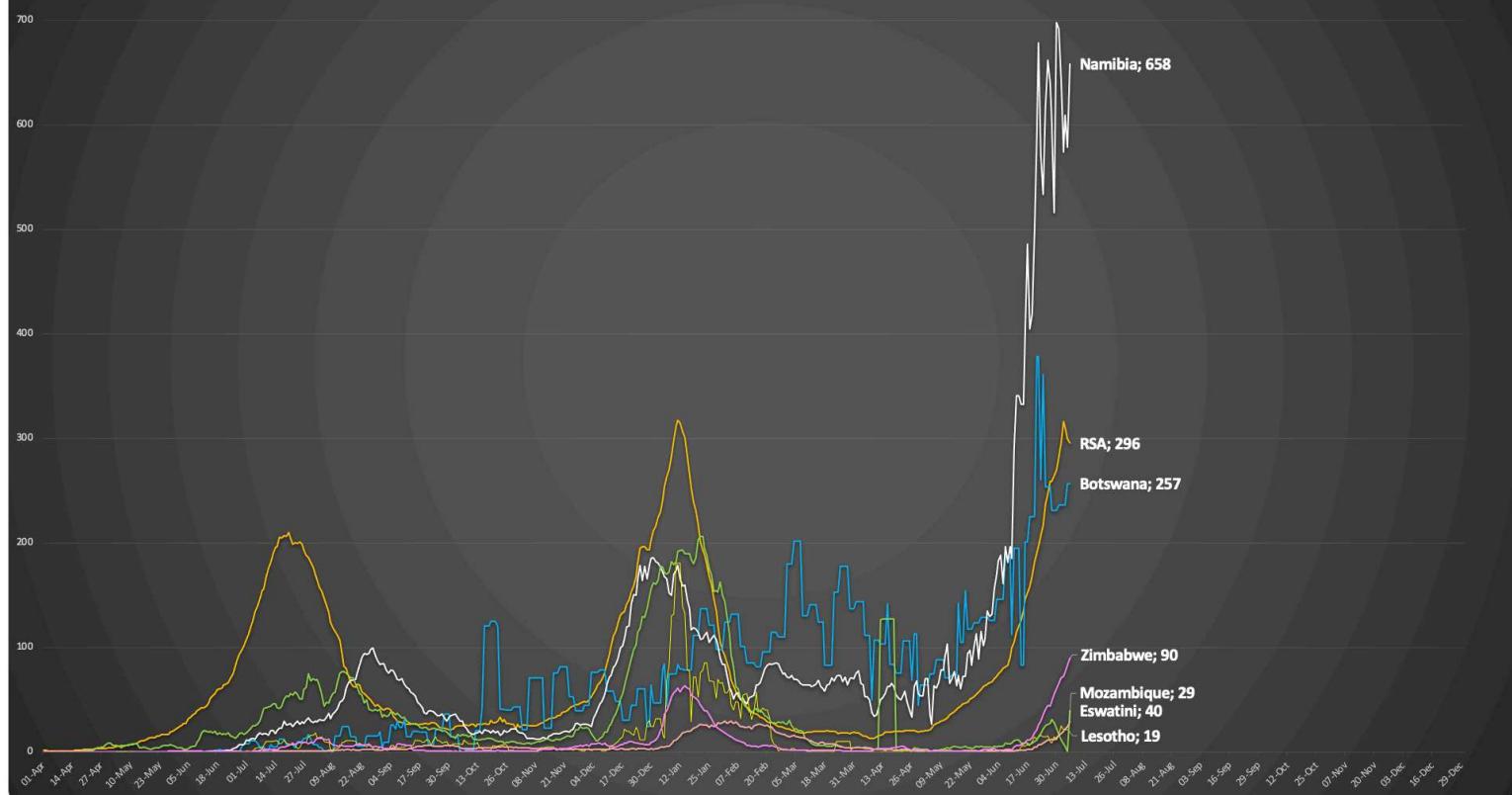
07 July 2021

## Africa v Selected other Countries' **Reported** Deaths per mill PoP

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## Southern Africa Daily Reported CASES per million PoP



**A smile is the best vaccine....**

