

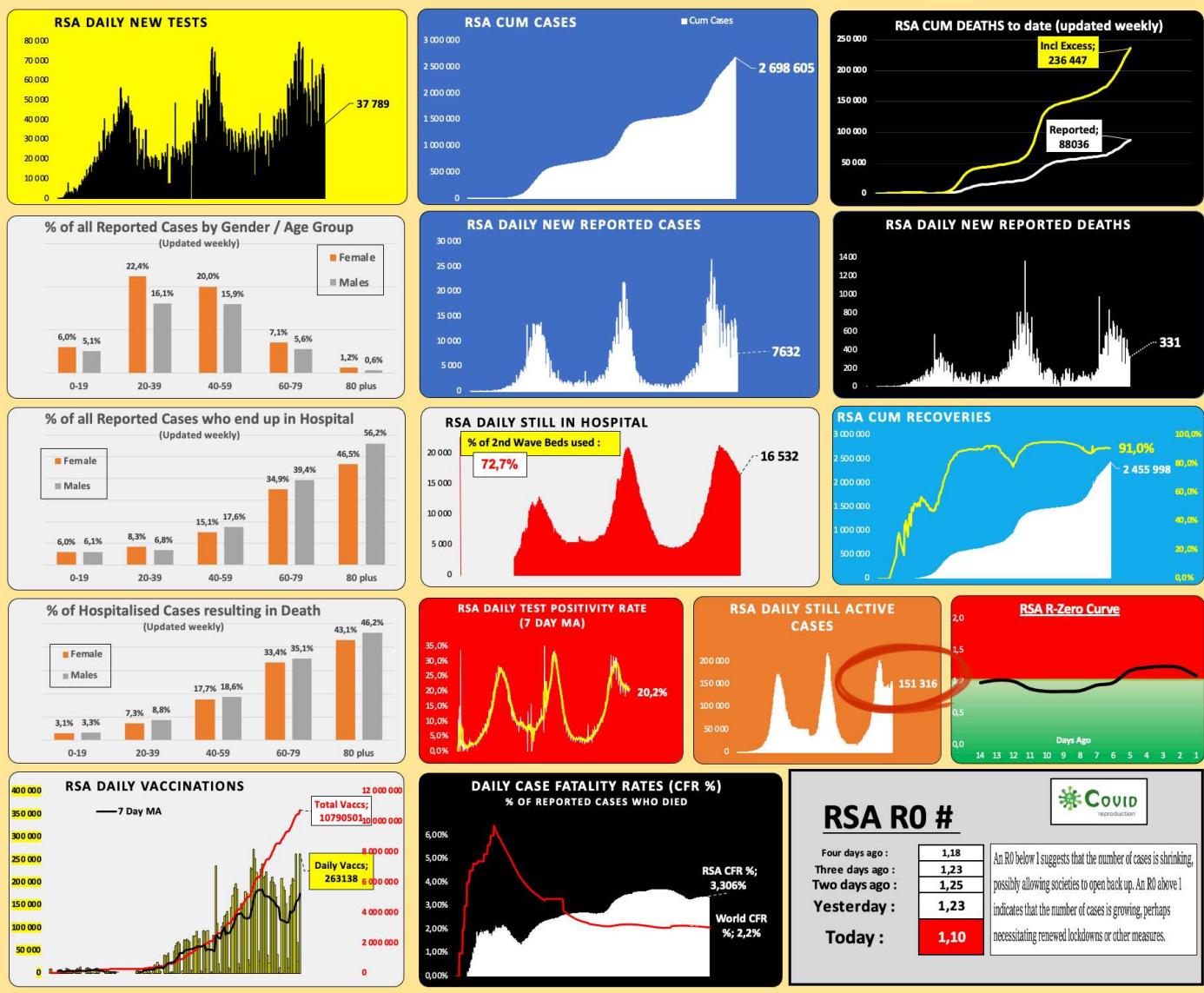
# HarryG COVID-19 Dashboard

Page 1

Deteriorating Improving

Cum Cases		Daily Cases		Female : Male :	RSA COVID-19 DASHBOARD		Daily Still in Hospital		Case Fatality Rates (CFR): Reported Cases      Hospital Cases		Vaccinations:		Time to achieve Govt Target of 41m vaccs	
2 698 605	7 632	Still Active +Cases	Cum Cases p mill PoP	Cum Deaths p mill PoP	16532	3,38%	21,37%	Daily Avg	59 616	1,86	Yrs			
151 316	45 068	1525						% of RSA PoP who have died to date : Reported Deaths      Incl Excess Deaths						
								0,152%      0,395%						
								Total to date:	10 790 501					
									Cum Tests	Daily Tests				
									16 040 903	37 789				
									Daily Test Positivity Rate:		20,2%			

21-Aug



Data as at: 23 August 2021

Unless otherwise indicated

hdg 24 August 2021

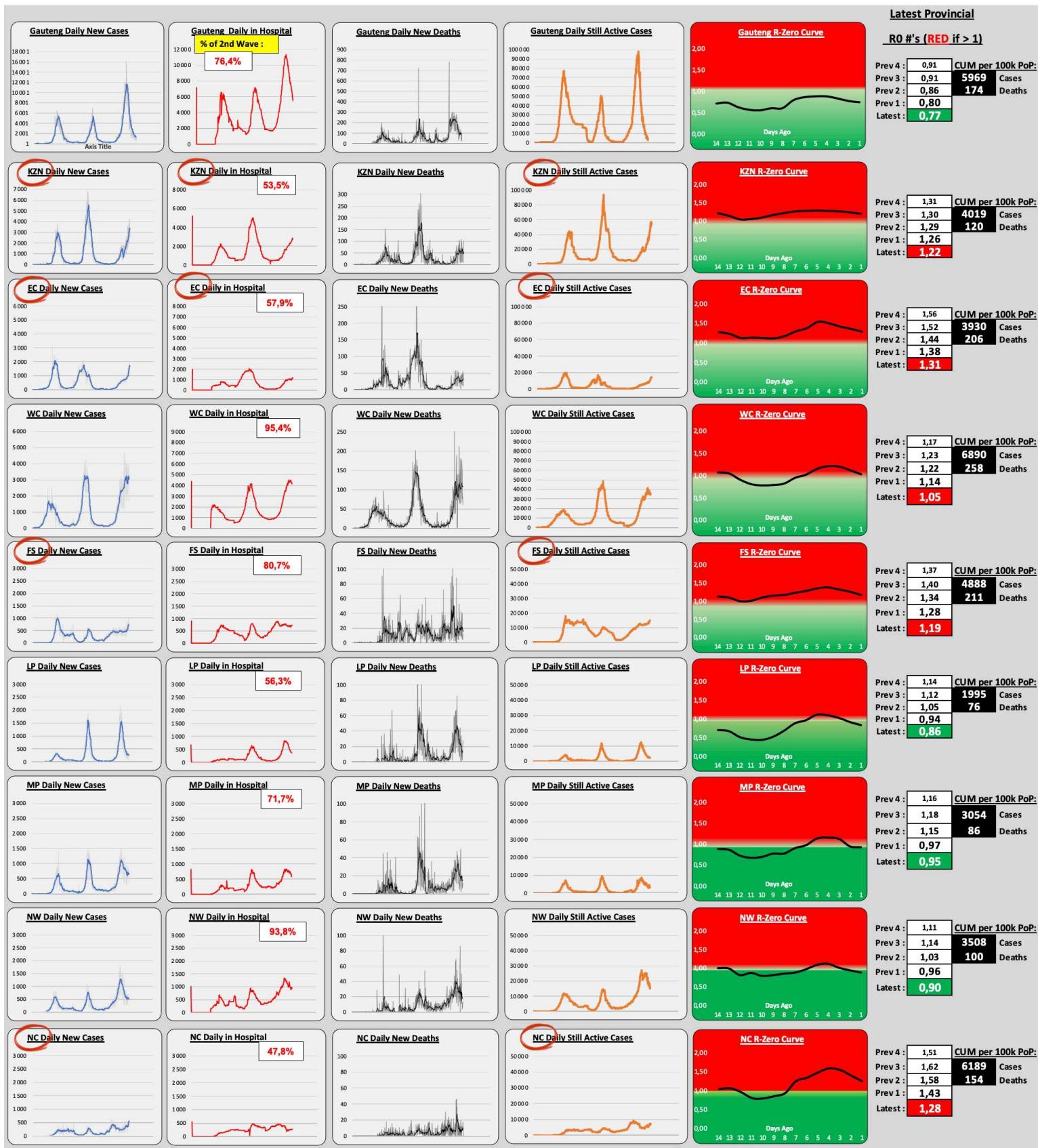
## RSA RO #

Four days ago :	1,18
Three days ago :	1,23
Two days ago :	1,25
Yesterday :	1,23
Today :	1,10

An RO below 1 suggests that the number of cases is shrinking, possibly allowing societies to open back up. An RO above 1 indicates that the number of cases is growing, perhaps necessitating renewed lockdowns or other measures.

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

Page 1.1



Data as at: 23 August 2021

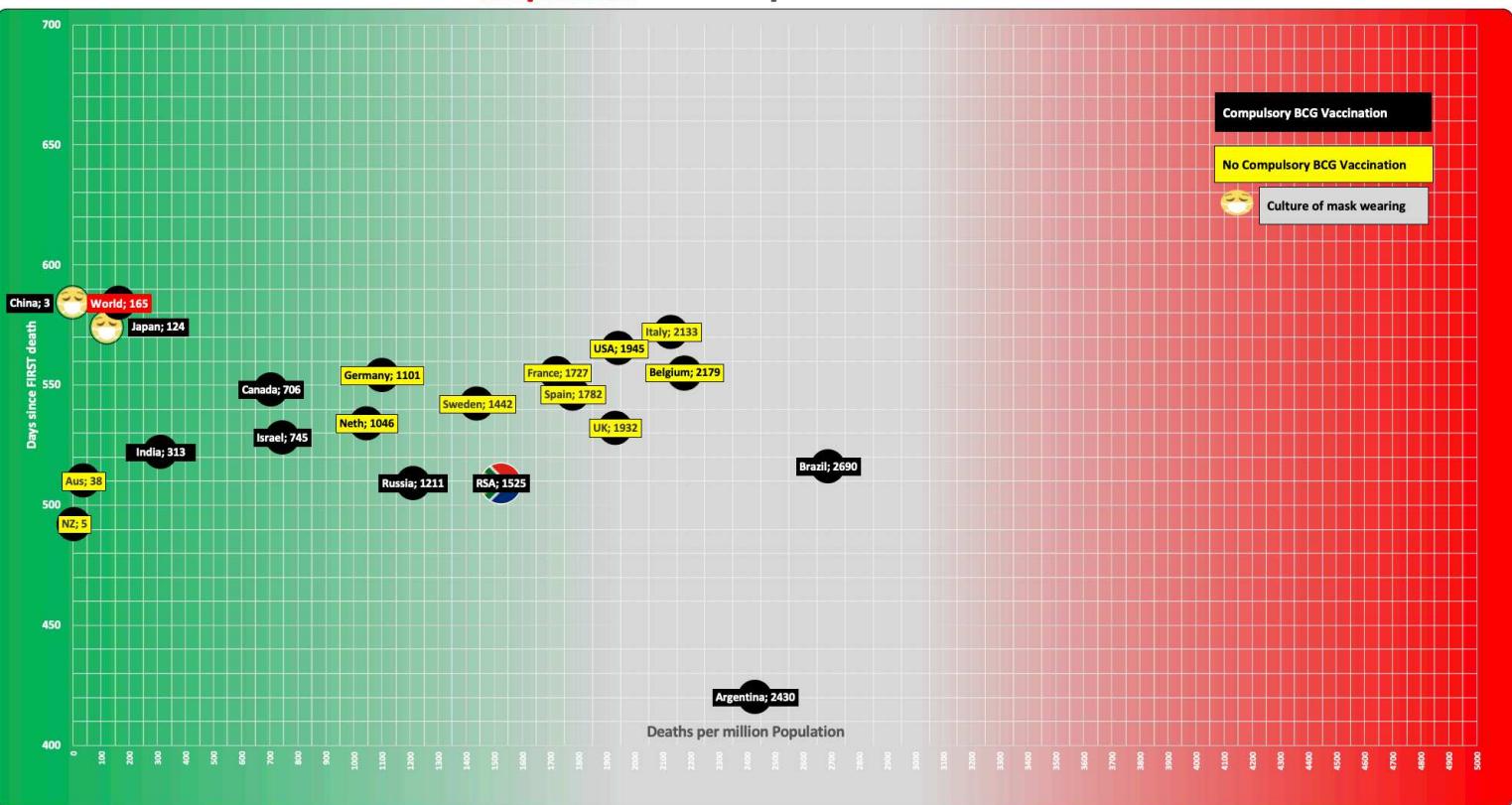
Unless otherwise indicated

hdg

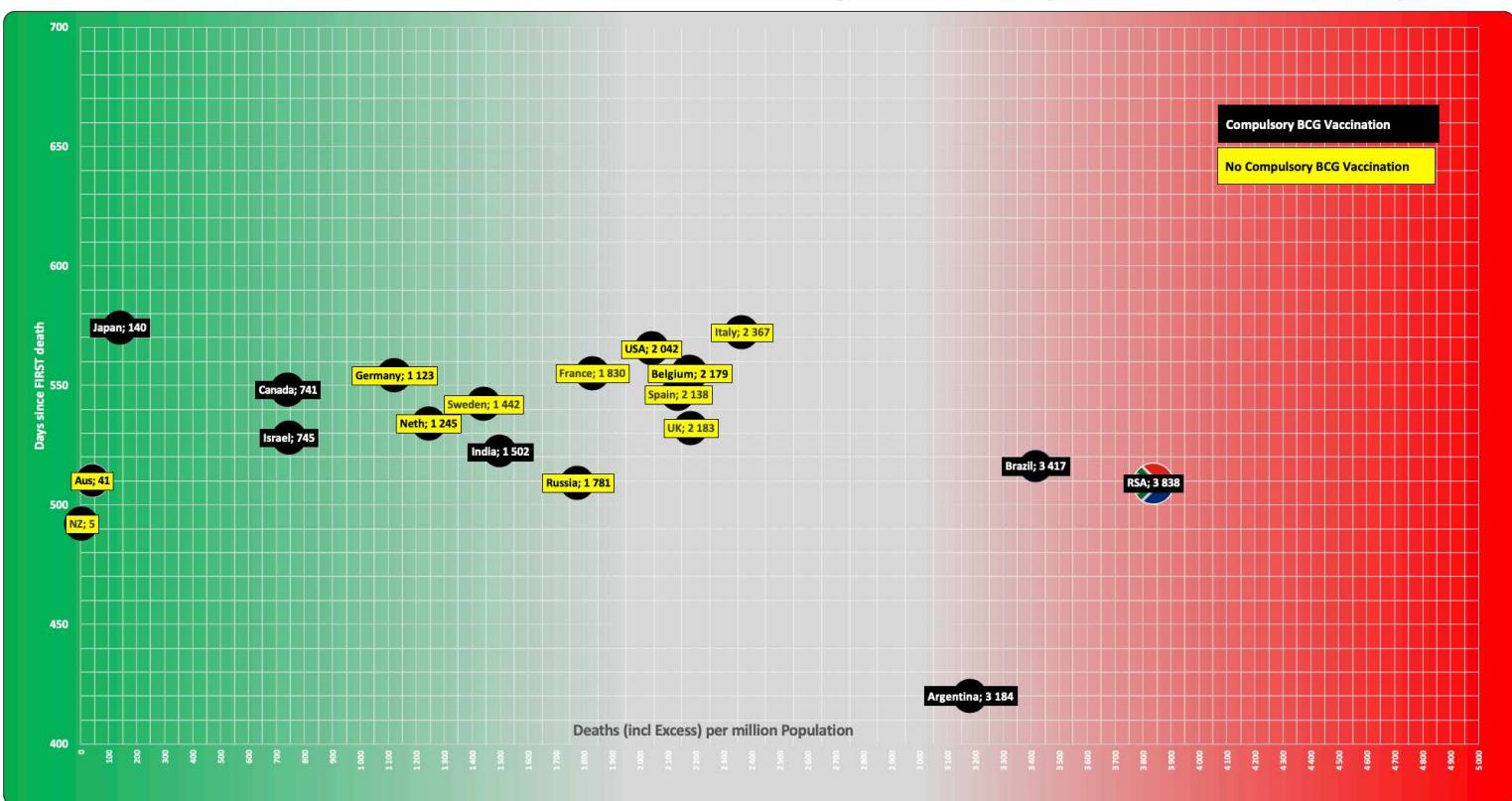
24 August 2021

## Selected Countries' Reported Deaths per mill PoP

Page 2

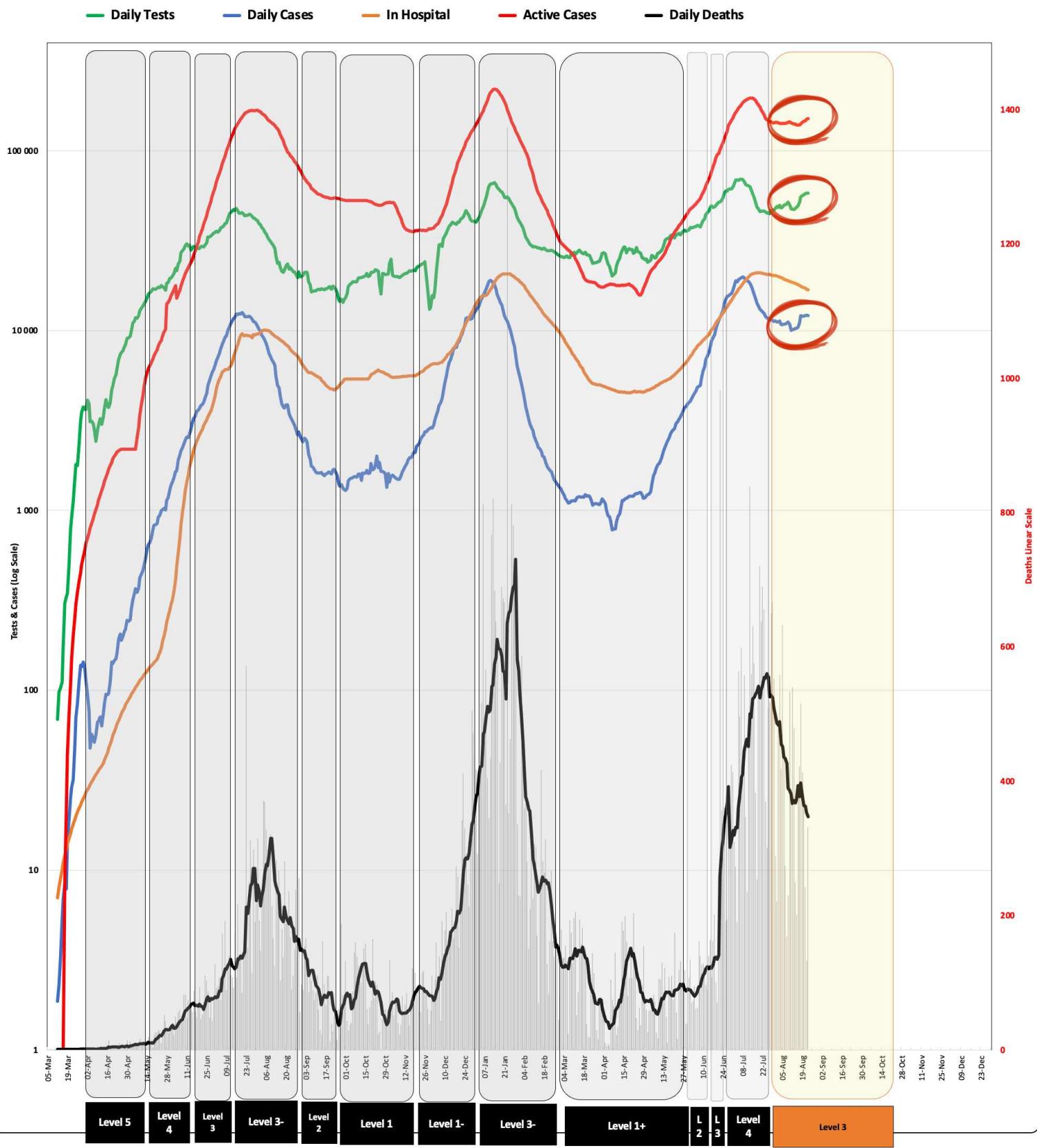


## Selected Countries' Deaths incl Excess Deaths per mill PoP (where data available)



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

Page 2.1



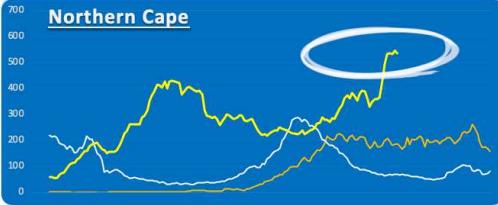
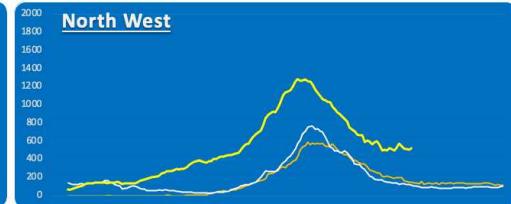
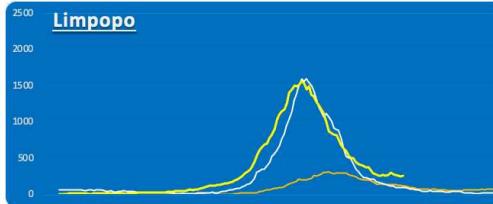
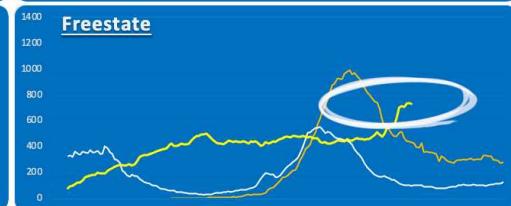
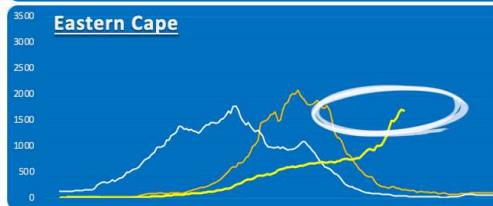
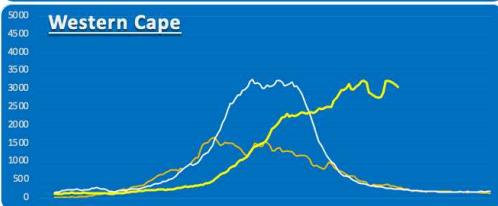
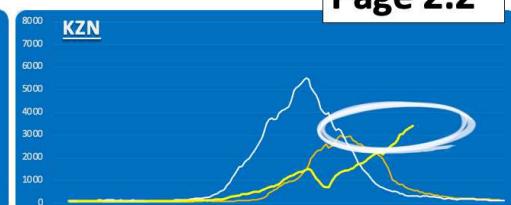
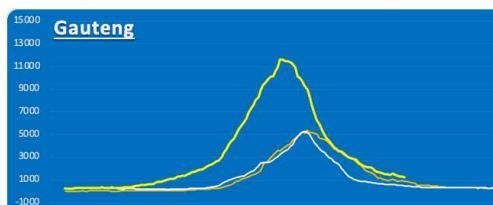
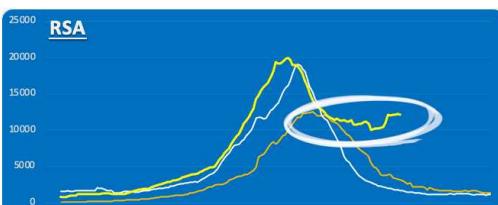
Data as at: 23 August 2021

Unless otherwise indicated

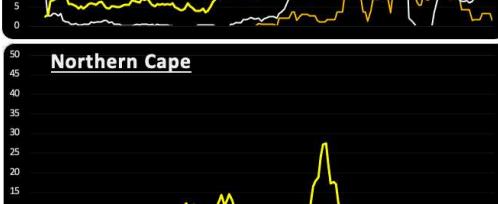
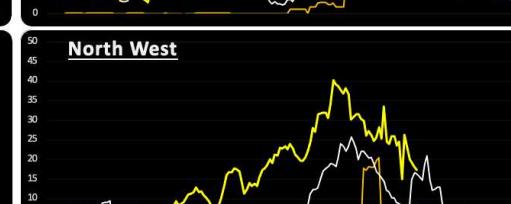
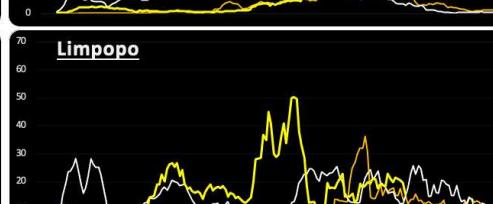
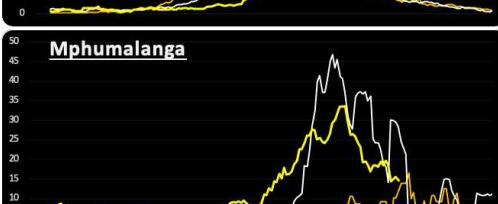
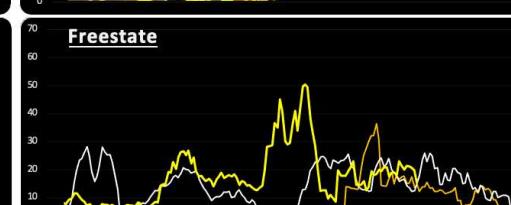
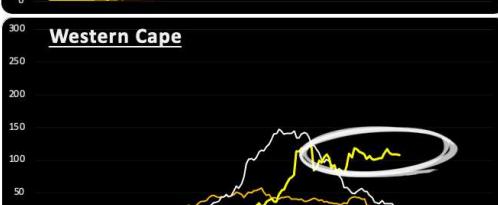
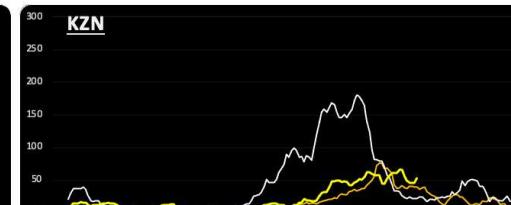
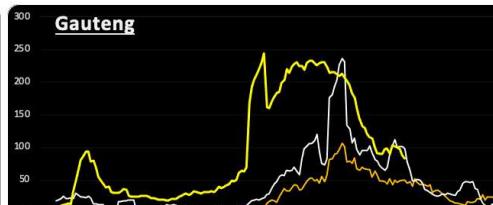
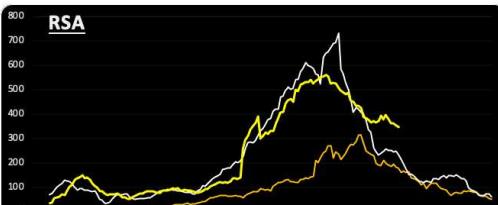
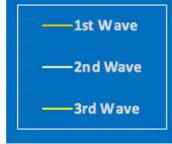
hdg 24 August 2021

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

Page 2.2



## CASES



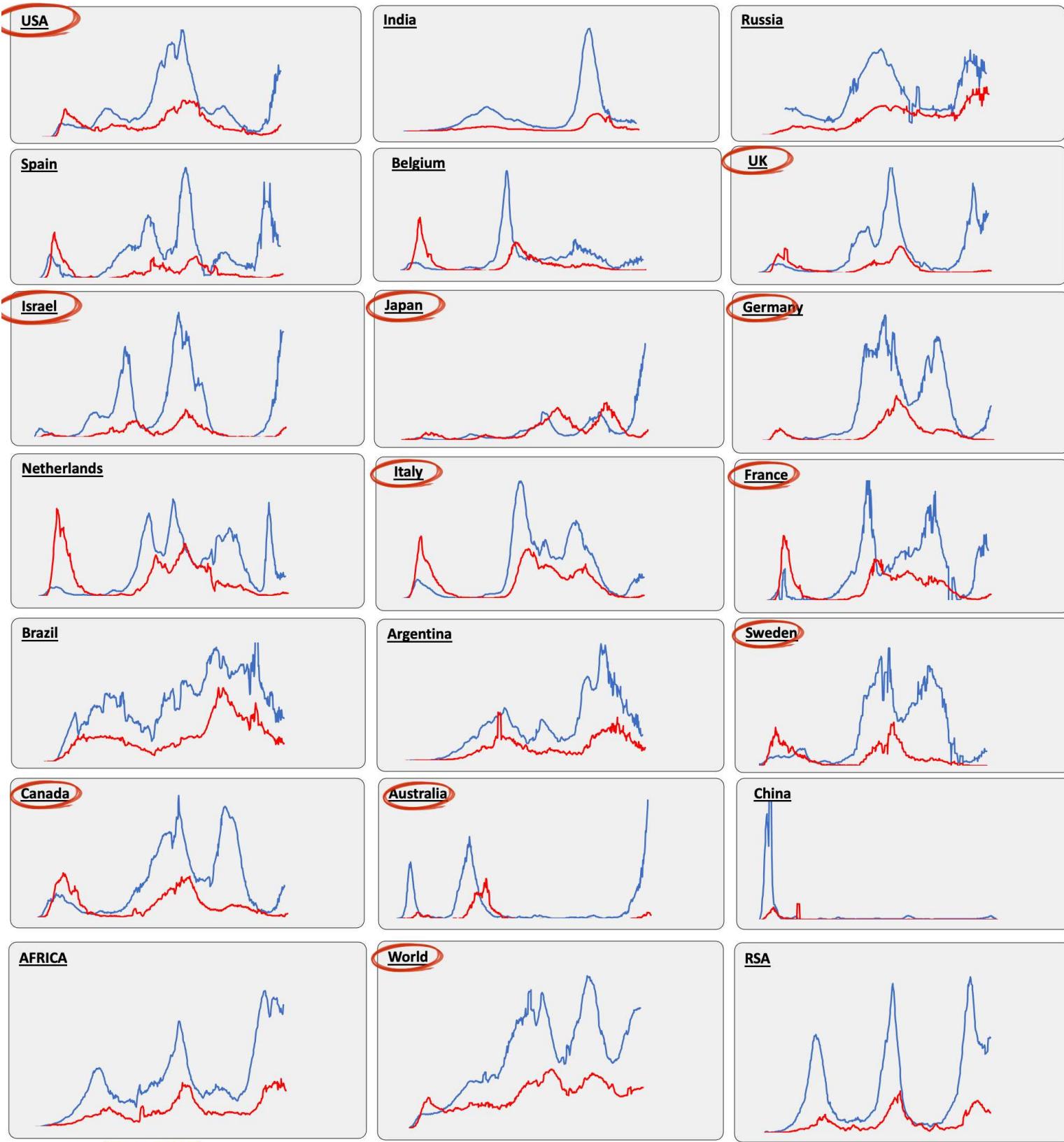
## DEATHS



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

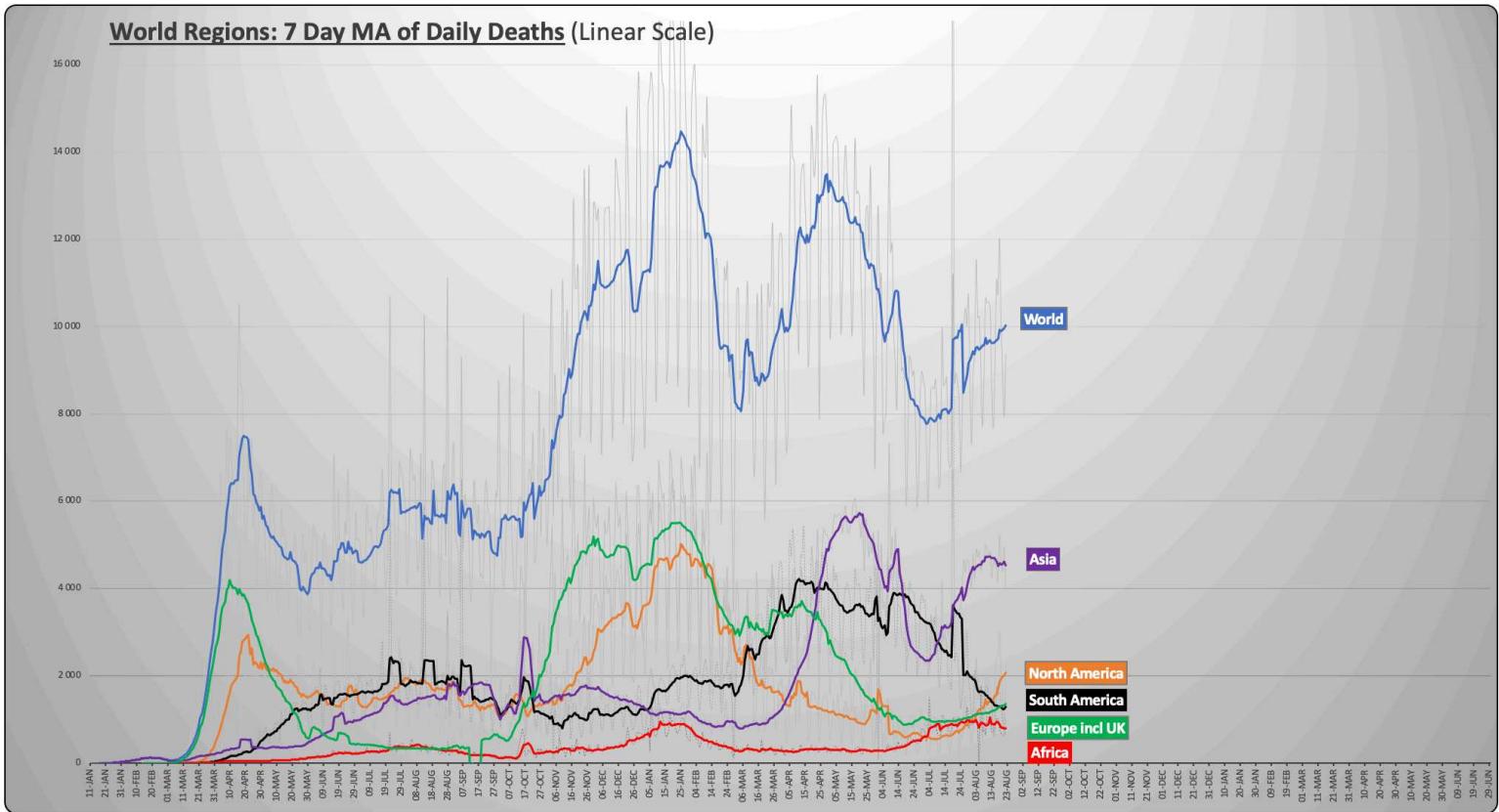
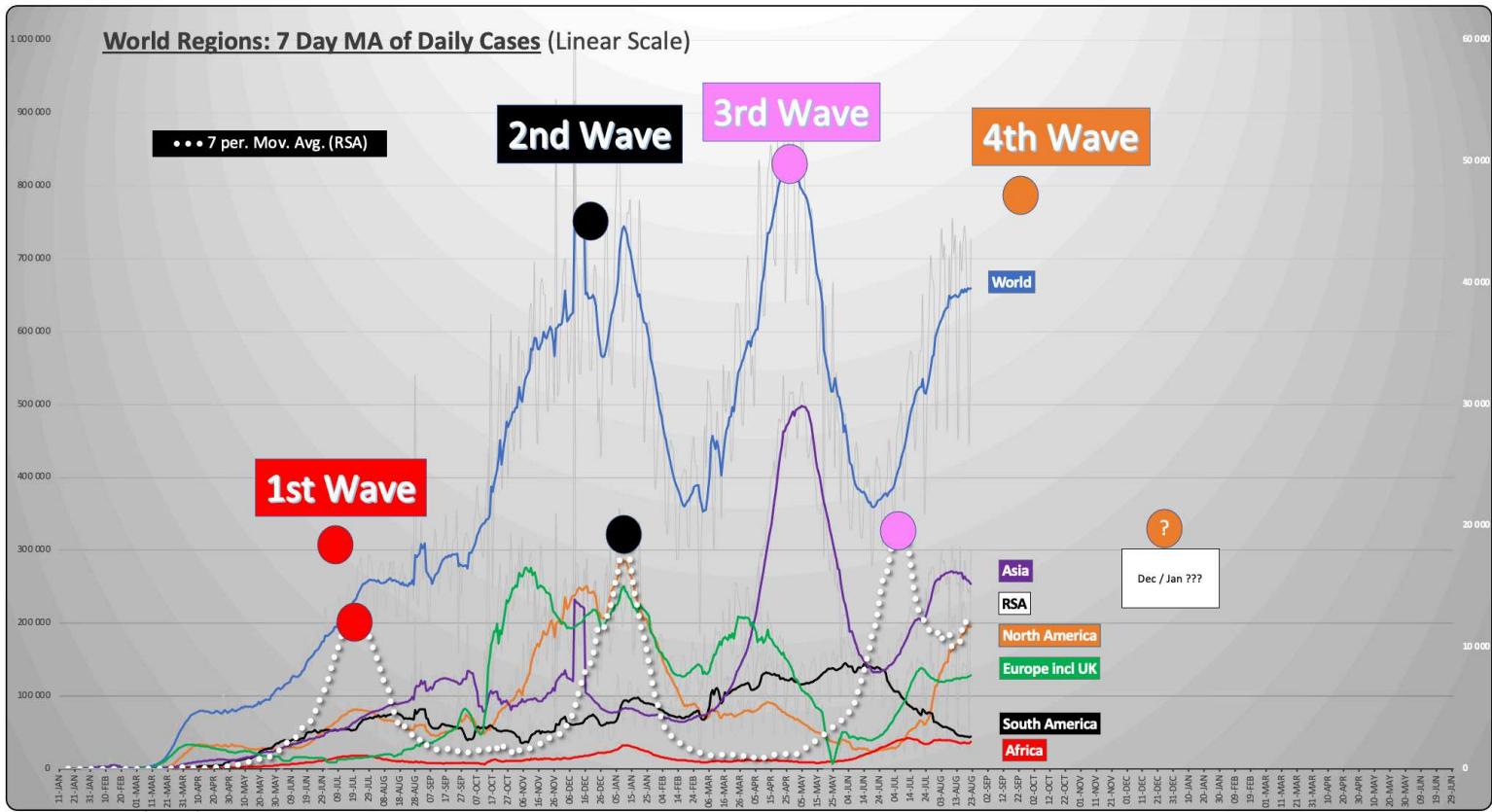
Daily Deaths 7 Day MA  
 Daily Cases 7 Day MA

**Page 2.3**



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

Page 3.0



Data as at: 24 August 2021 Unless otherwise indicated

hdg 24 August 2021

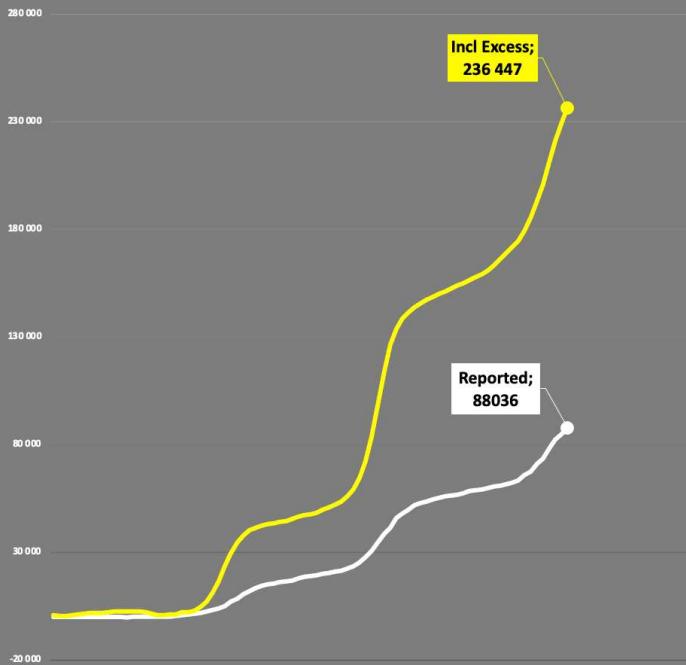
## RSA Cum & Projected Deaths (Reported & Incl Excess)

As at : 14 August 2021

Page 4

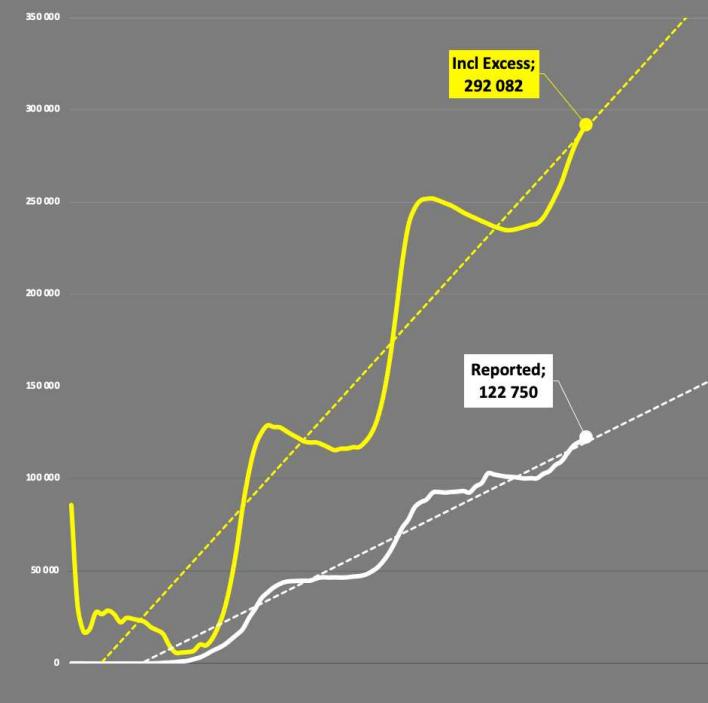
### RSA CUM DEATHS (updated weekly)

Assuming 90% of Excess Deaths are Covid related.

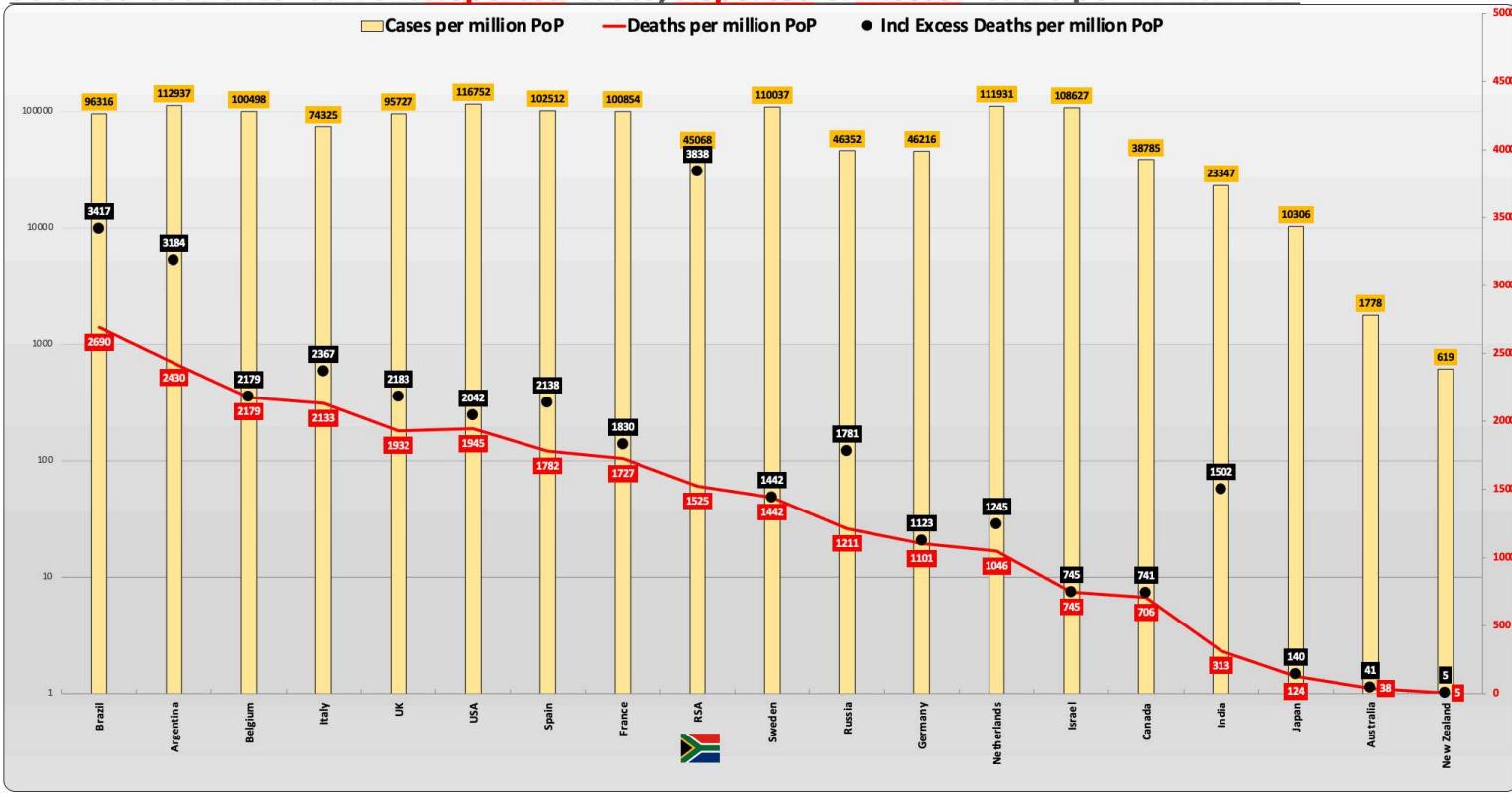


### RSA COVID DEATHS PROJECTED TO end 2021

Assuming 90% of Excess Deaths are Covid related.

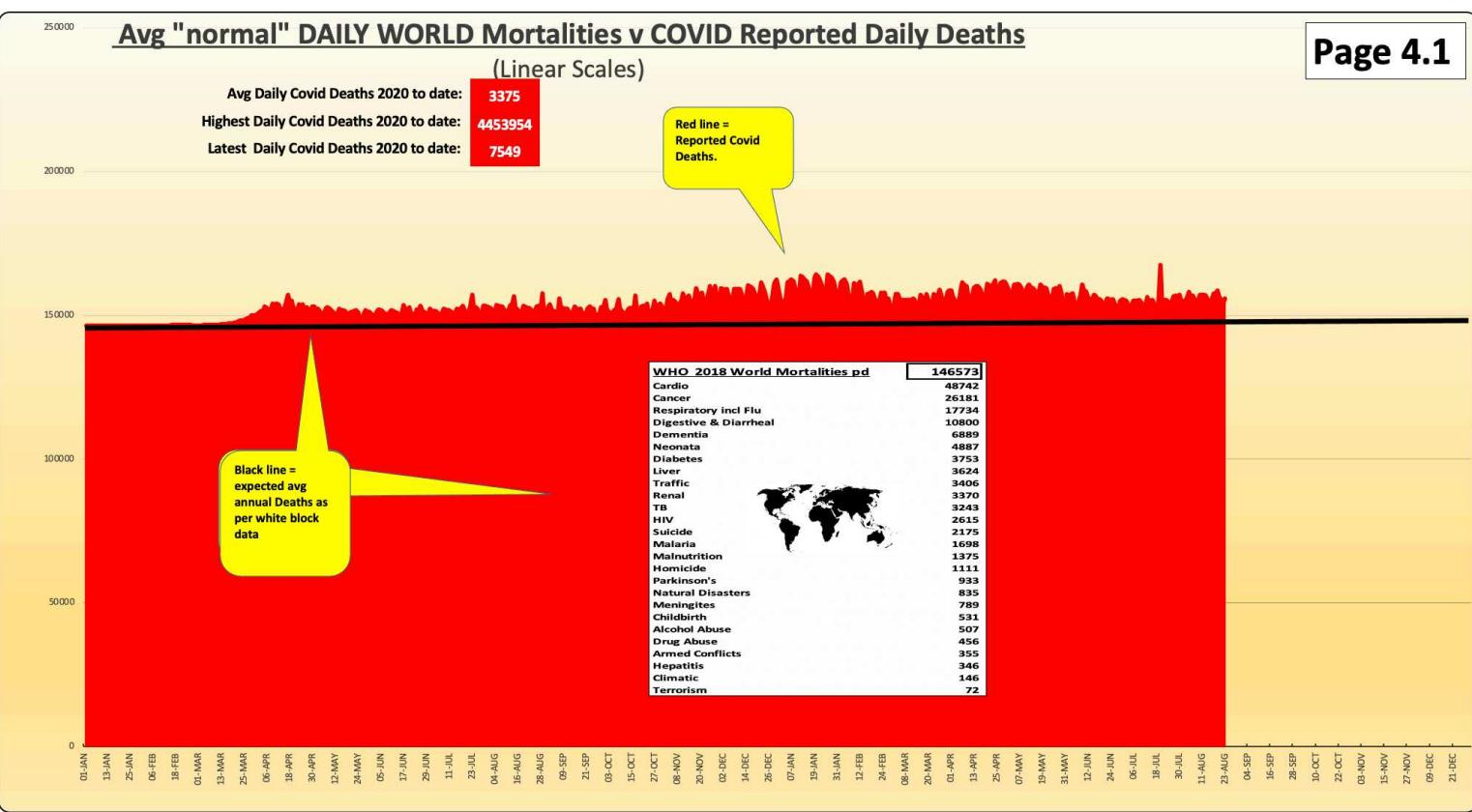


## Selected Countries' Current Reported Cases, Reported & Excess Deaths per million PoP



Data as at: 14 August 2021 Unless otherwise indicated

hdg 24 August 2021

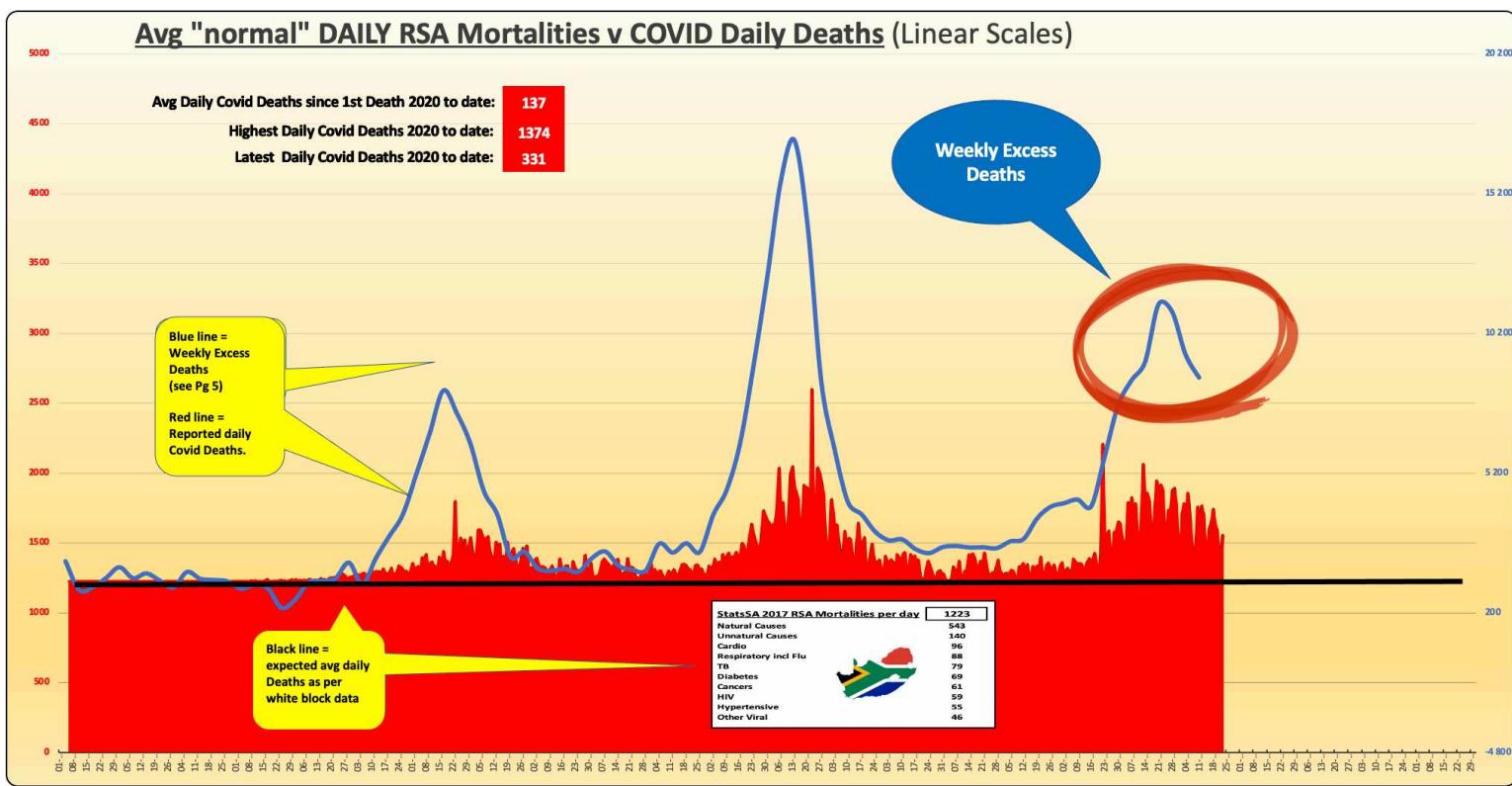


The two graphs WORLD (above) and RSA (below) attempt to put the number of Covid Deaths into some sort of perspective graphically.

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.

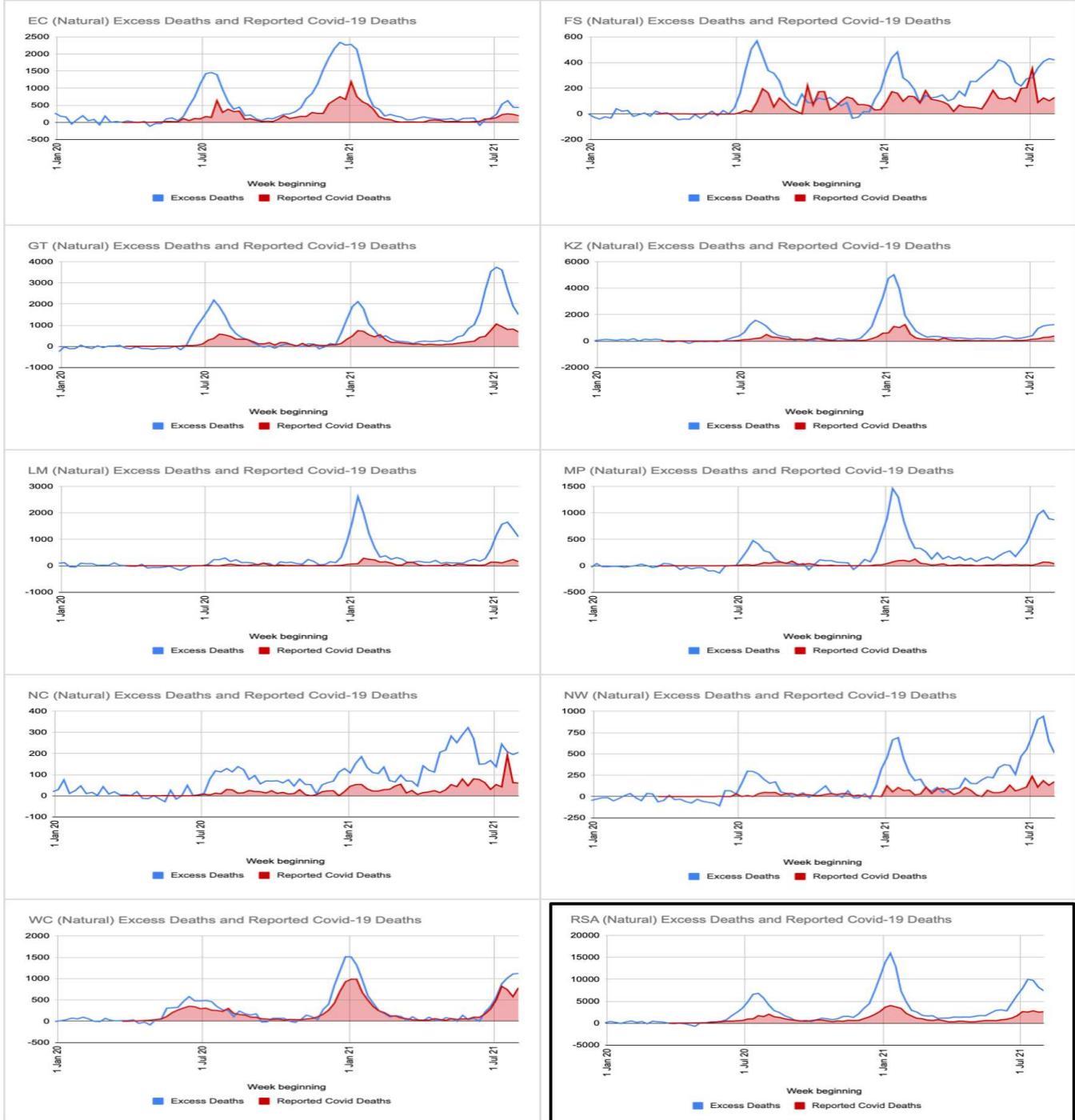


## RSA Excess Deaths as per SA Medical Research Council

As at : 14 August 2021

Page 4.2

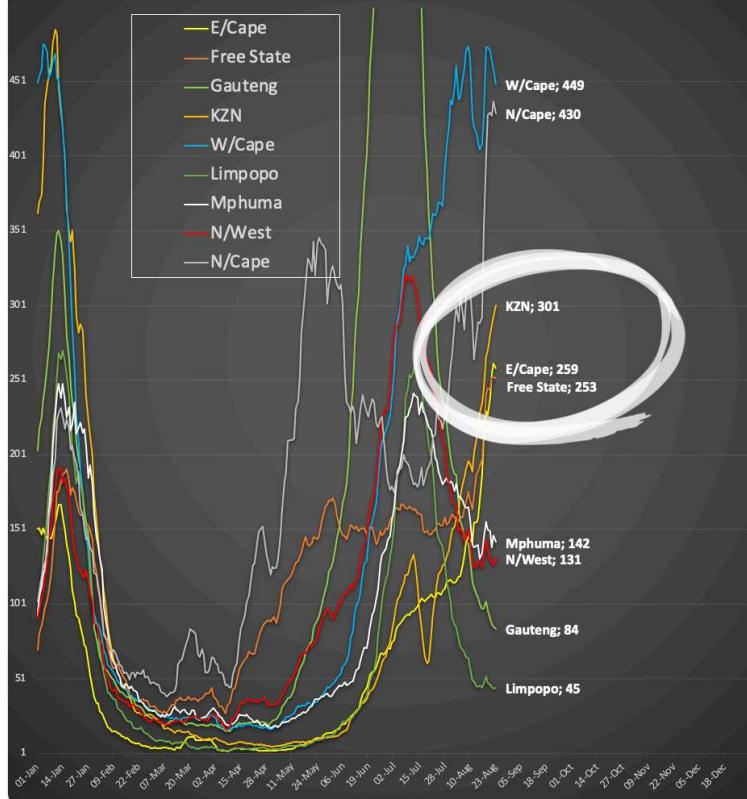
### Provinces



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

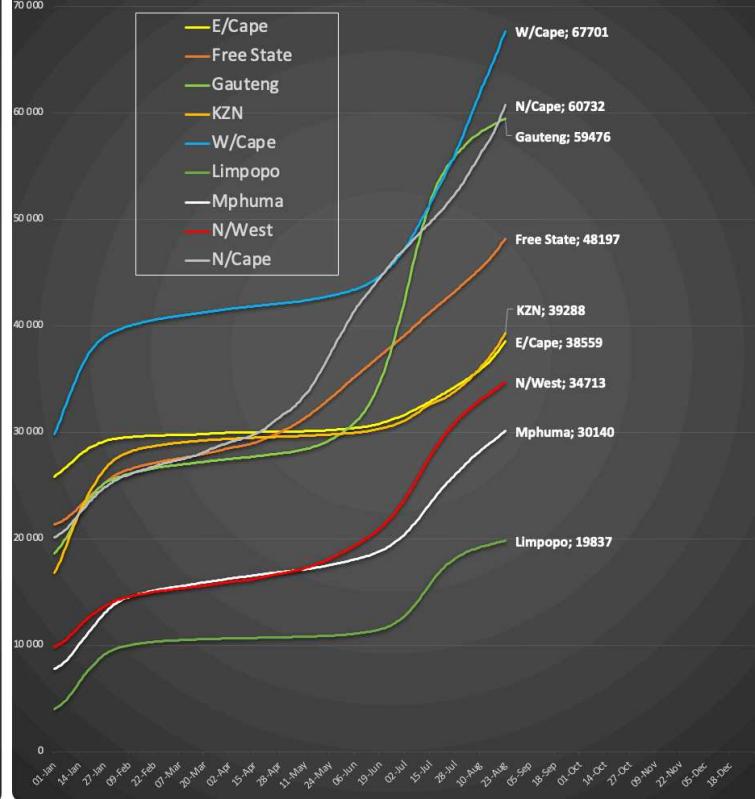
## Reported DAILY CASES per mill PoP

Jan to Dec 2021 7 Day MA



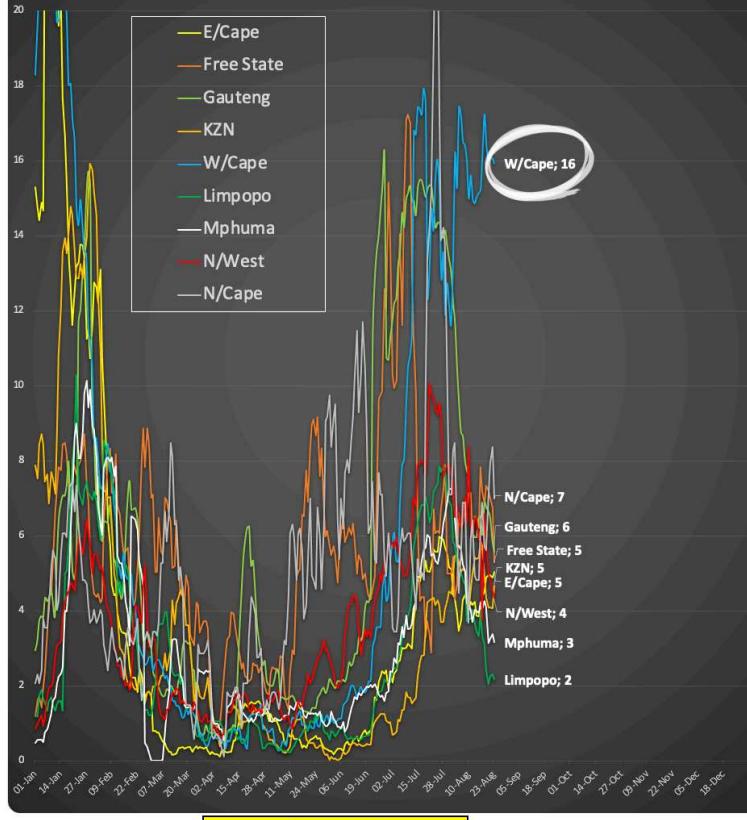
## Reported CUM CASES per mill PoP

Jan to Dec 2021 7 Day MA



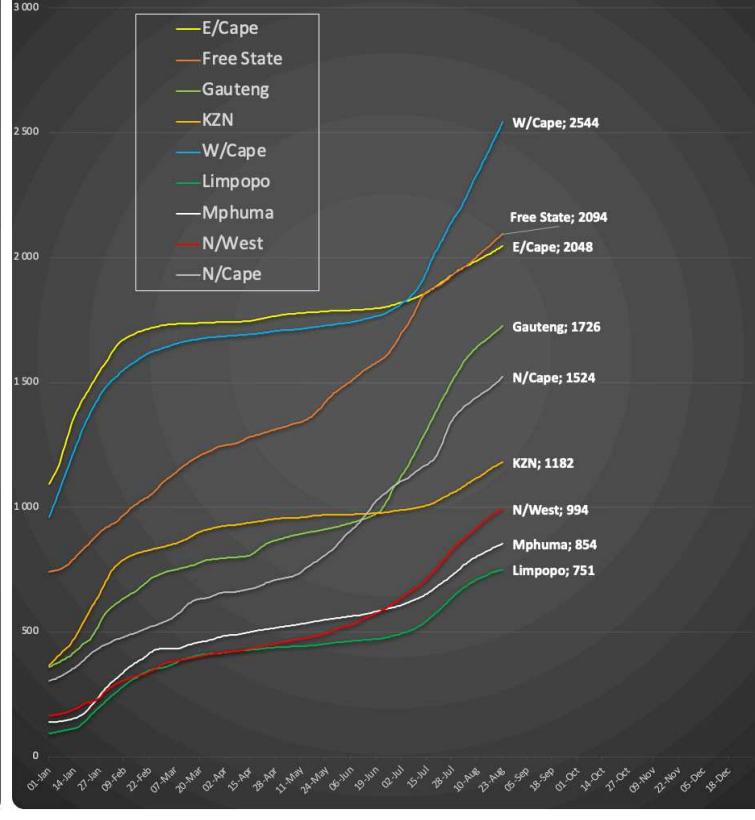
## Reported DAILY DEATHS per mill PoP

Jan to Dec 2021 7 Day MA



## Reported CUM DEATHS per mill PoP

Jan to Dec 2021 7 Day MA



Data as at:

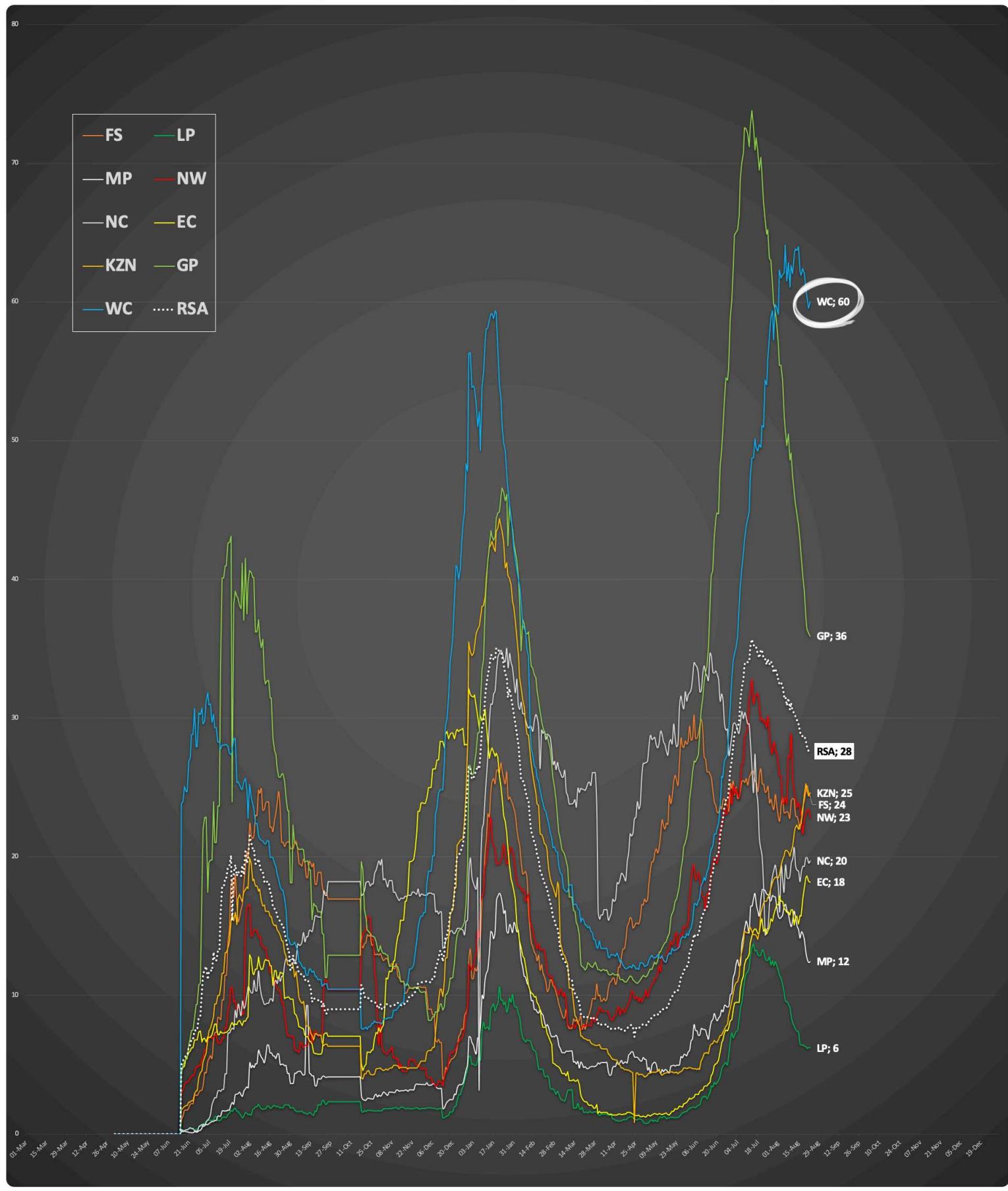
23 August 2021

hdg

24 August 2021

# RSA & Provinces Comparative Daily Hospitalisations per 100k Population

Page 5.1



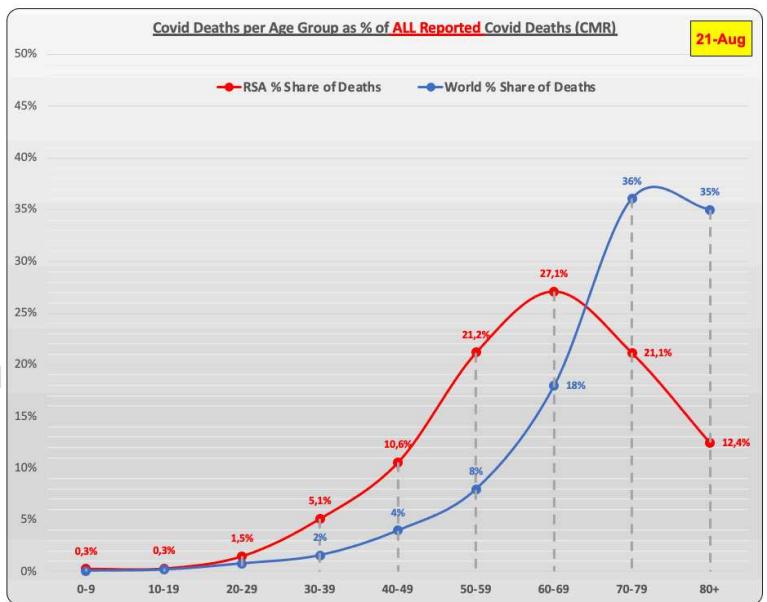
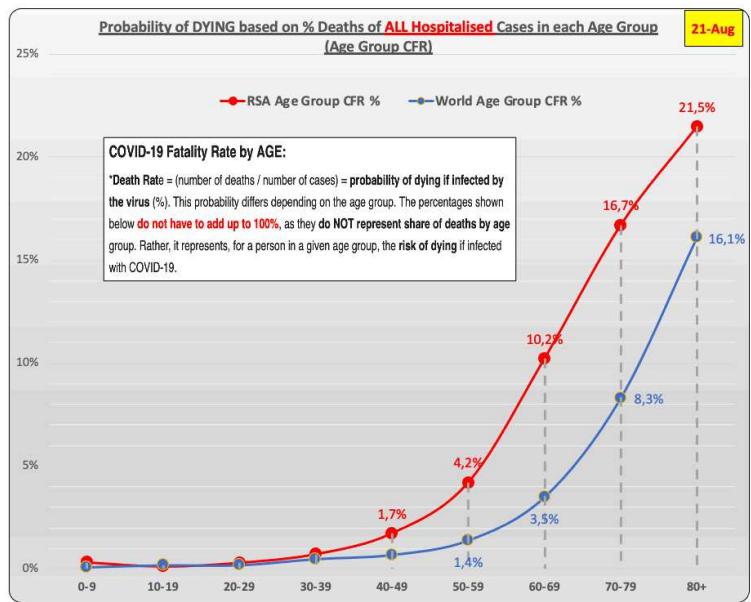
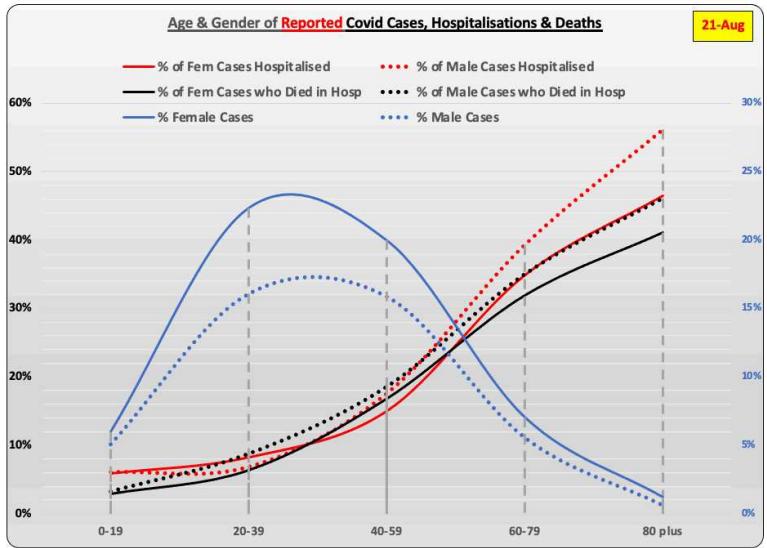
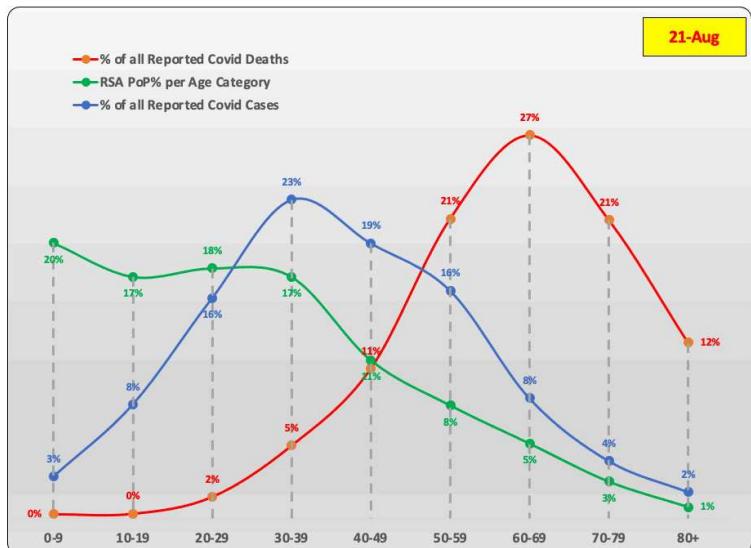
Data as at:

23 August 2021

hdg 24 August 2021

# RSA Age & Gender Stats

Page 6



## COVID - 19 STATISTICS IN SOUTH AFRICA

### Comorbid conditions amongst admissions with at least one comorbidity reported

21 July 2020

Figures are from the NICD Sentinel Hospital Surveillance Report

Based on 277 774 in-hospital outcomes (discharges and deaths) from 5 March 2020 - 10 July 2021

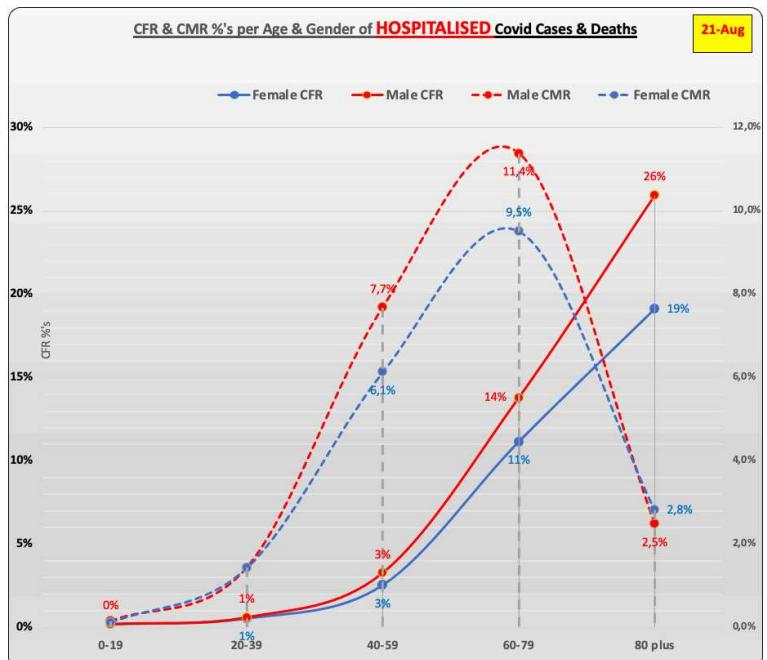
Comorbid disease*	Cases	Deaths	Case Fatality Rate
Hypertension	76 029	24 722	32.5%
Diabetes	51 874	17 728	34.2%
Chronic cardiac disease	5 026	1 904	37.9%
Chronic pulmonary disease/Asthma	12 610	3 225	25.6%
Chronic kidney disease	4 707	2 100	44.6%
Cancer	1 311	503	38.4%
HIV	15 990	3 961	24.8%
Previous TB	3 335	853	25.6%
Current TB	1 142	287	25.1%
Current and previous TB	1 470	342	23.3%
Obesity	11 137	3 381	30.4%

\*Some people may have reported more than one comorbid condition, so one person could have been included in multiple categories.

twitter: @sugar2503

Data as at:

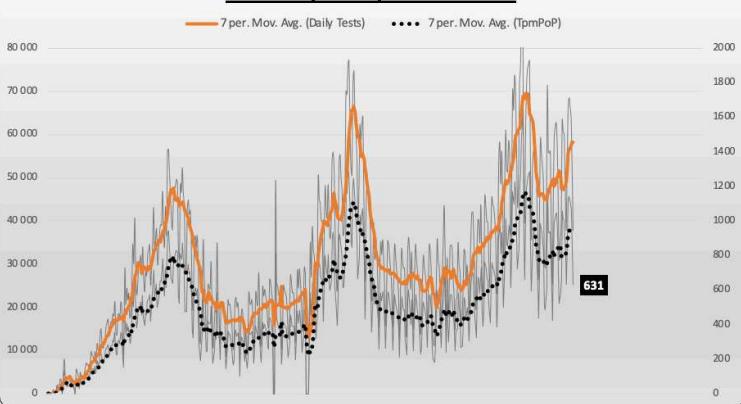
As indicated per graph



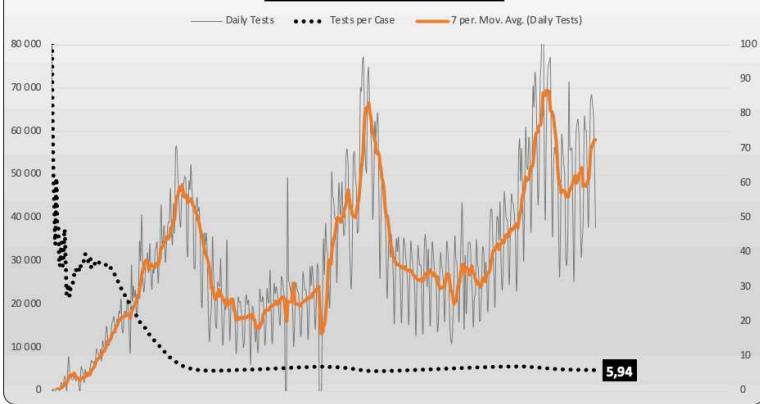
hdg

24 August 2021

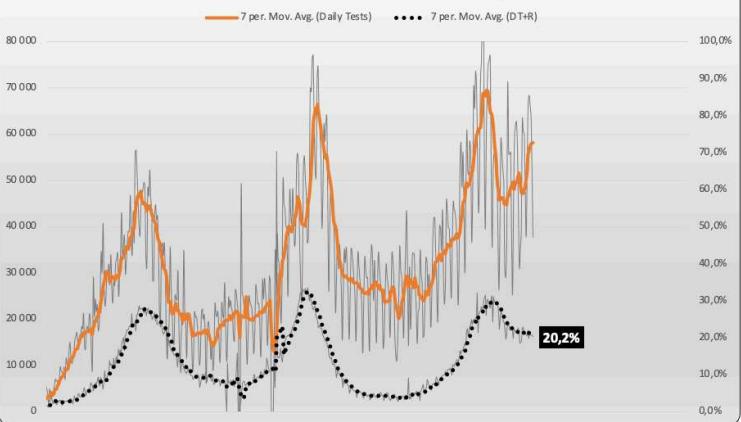
## RSA: Daily Tests per million PoP



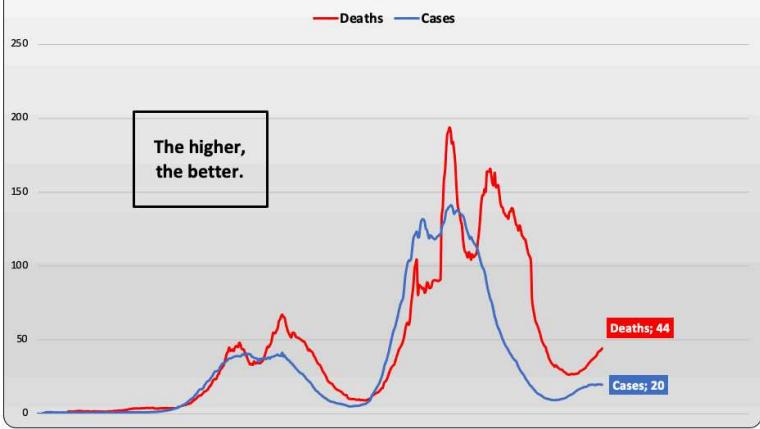
## RSA: Daily Tests per +Case



## RSA: Daily Tests Positivity %



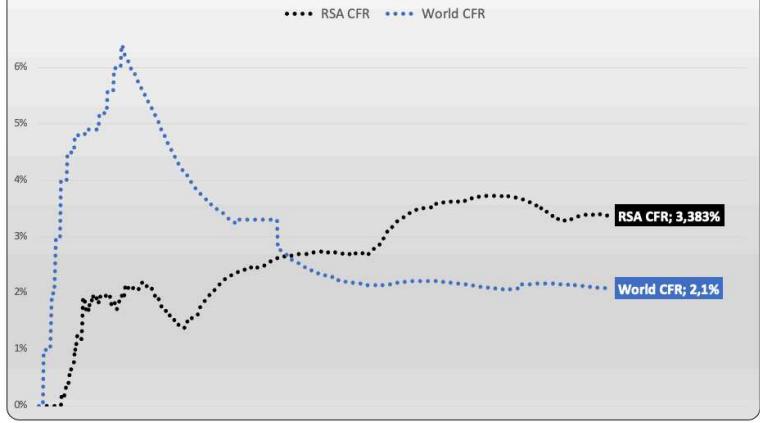
## RSA Doubling Times in Days



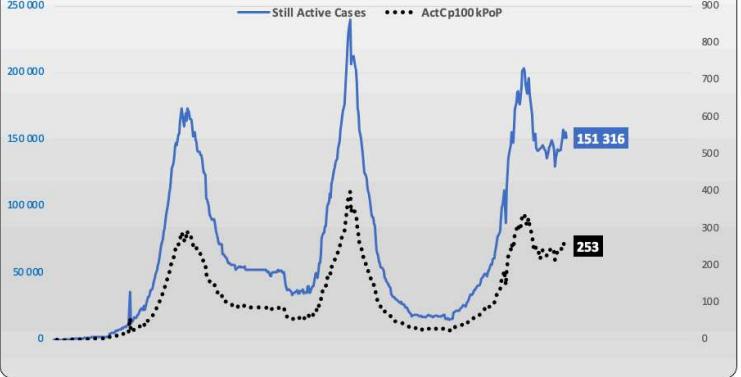
## RSA: Case Recovery Rate & PoP Covid Mortality Rate



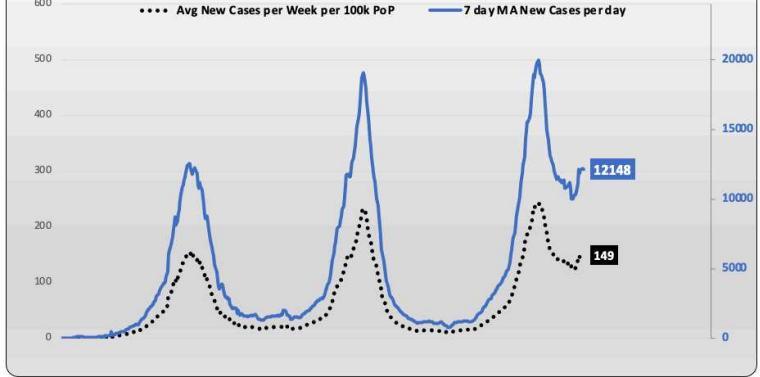
## Covid Reported Deaths as % of Reported Cases (CFR)



## RSA: Still Active Reported Cases per 100k PoP

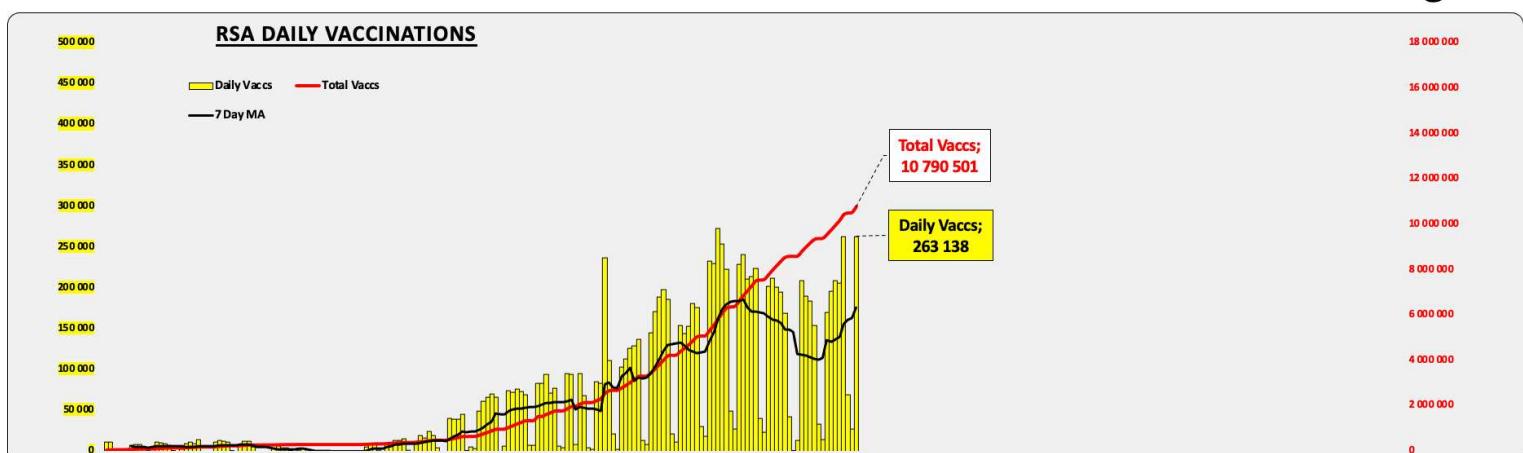


## RSA: Avg New Reported Cases per week per 100k PoP



# Vaccination Data

Page 7



## COVID - 19 STATISTICS IN SOUTH AFRICA

### Vaccines administered per province

23 August 2021

Arranged according to highest % of population fully vaccinated.

#	Province	Population over 18*	No. of adults vaccinated†	% of adults vaccinated	Adults fully vaccinated	% of adults fully vaccinated
1	Limpopo	3 552 509	867 980	24.43%	619 055	17.43%
2	E. Cape	4 097 740	1 039 415	25.37%	641 159	15.65%
3	W. Cape	5 069 701	1 299 826	25.64%	724 074	14.28%
4	N. Cape	855 599	170 686	19.95%	116 107	13.57%
5	KZN	7 271 912	1 447 374	19.90%	982 191	13.51%
6	Free State	1 940 180	431 556	22.24%	251 524	12.96%
7	Gauteng	11 458 026	2 110 726	18.42%	1 162 674	10.15%
8	North West	2 733 941	444 855	16.27%	255 163	9.33%
9	Mpumalanga	3 107 338	427 649	13.76%	231 964	7.47%
<b>TOTAL</b>		<b>40 086 946</b>	<b>8 240 067</b>	<b>20.56%</b>	<b>4 983 911</b>	<b>12.43%</b>

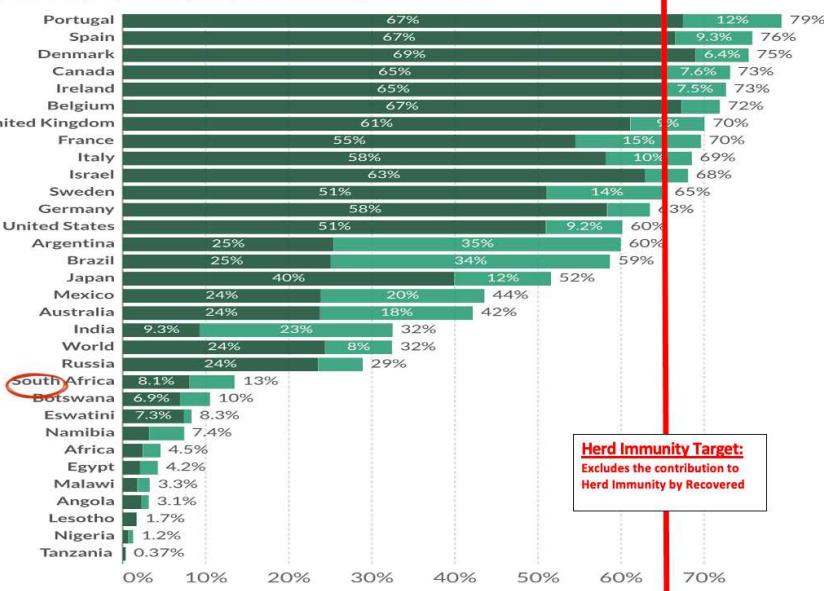
\*Based on Statistics South Africa 2021 mid-year population estimates

## Selected countries who publish their VAC data

Share of people vaccinated against COVID-19, Aug 21, 2021

Our World in Data

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



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

Total Vaccs to date:

10 790 501

Avg Vaccs per day :

59 616

Fully Vaccsed :

479 768

Phase 1 : Health Care Workers

Single & Double Doses :

10 310 733

Phase 2 plus

Herd Immunity Target :

40 400 000

approx 67% of RSA adult PoP

Revised up by Govt from 41m to 40,4m on 7 May 2021

Time to achieve Herd Immunity at CURRENT daily rate of Vaccinations since start of Vaccs Program	<b>1,86</b>	<b>Years</b>
Time to achieve Herd Immunity at daily rate of Vaccinations over the past 7 DAYS	<b>0,63</b>	<b>Years</b>

Excludes the contribution to Herd Immunity by Recovered and Asymptomatic Cases.

Data as at: 23 August 2021

Unless otherwise indicated

hdg

24 August 2021

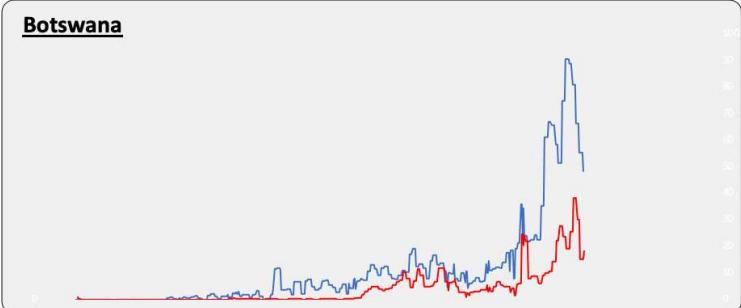
## Southern Africa Daily Reported New Cases & Deaths 7 Day MA

Page 8

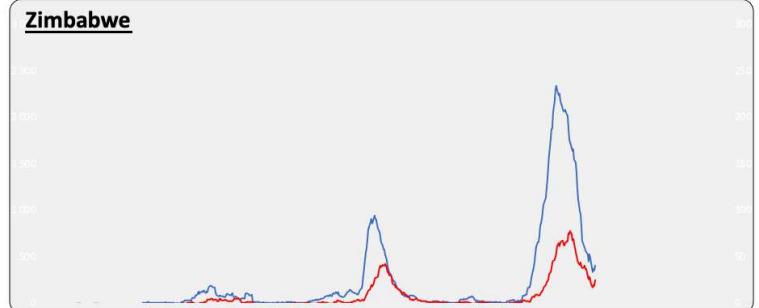
(Jan 2020 to Present)

CASES DEATHS

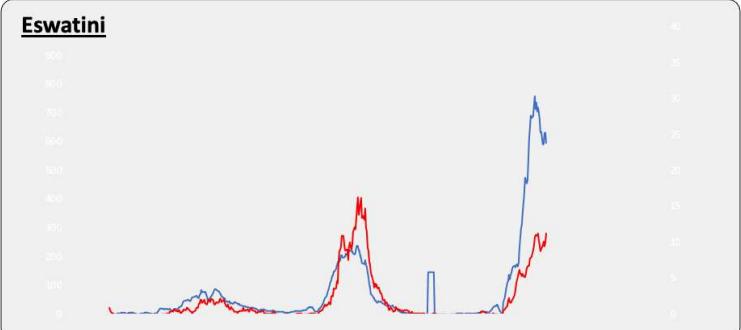
Botswana



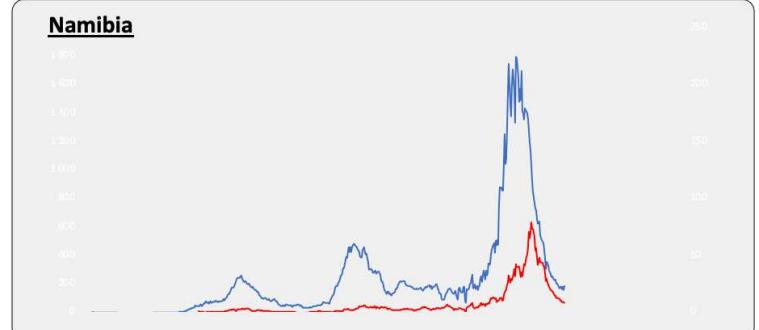
Zimbabwe



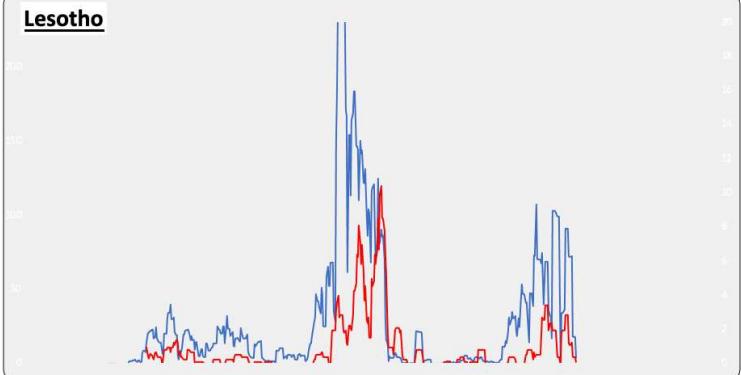
Eswatini



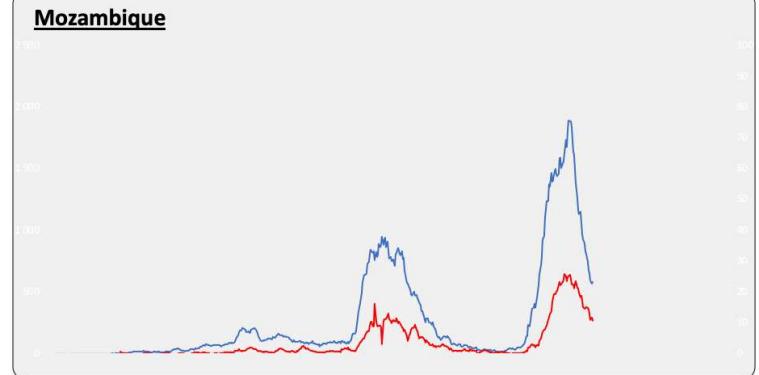
Namibia



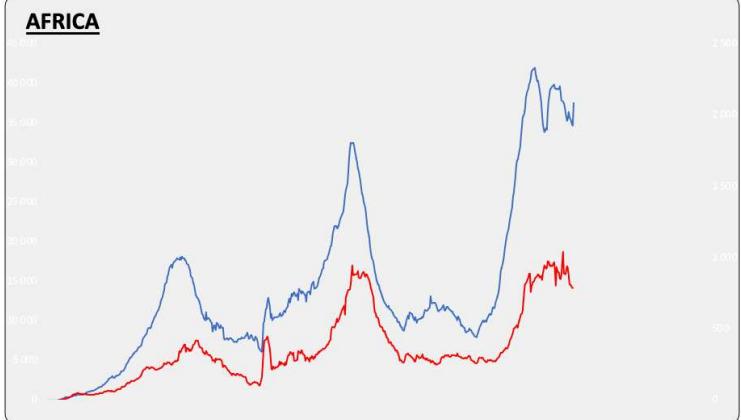
Lesotho



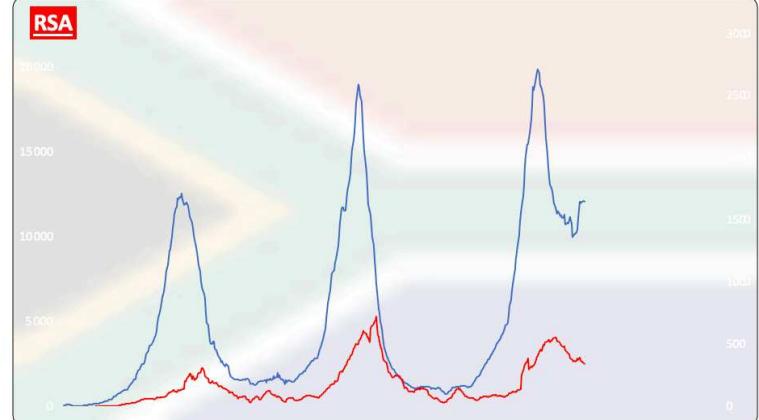
Mozambique



AFRICA



RSA



Data as at: 24 August 2021

Unless otherwise indicated

hdg 24 August 2021

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



**Please read.....!!**



## **IVERMECTIN**

Most of you are probably aware of the Ivermectin debate that has been raging for many months.....

The issue has become highly politicised and mired in Conspiracy Theories, this is unfortunate because it obscures the relative merits of the debate.

I'm not competent to comment on the merits / demerits of various meds, I only draw graphs....but I have been following the Ivermectin debate with interest.

**My commonsense conclusions are as follows:**

- 1) If you want to use Ivermectin do so **only in consultation** with a trusted medical practitioner. Ignore Facebook, Farmer Brown, your mates at the golf club / gym. Be especially careful about advice and theories from politically aligned organisations.
- 2) If you want to get hold of Ivermectin get a prescription from your doctor and buy the stuff from a registered pharmacy. Do not use black market vendors or online purchasing. Don't buy from vets & agricultural co-ops !!!
- 3) If you are using Ivermectin, or have used it recently, make sure your family knows about it in order for you or them to be able to disclose this to the doctor / hospital should you be hospitalised with Covid.

**THIS IS VERY IMPORTANT BECAUSE, REGARDLESS OF THE EFFICACY OF THE STUFF (IF ANY), IVERMECTIN DOES APPEAR TO MASK CERTAIN MEDICAL TEST RESULTS ie BLOOD TESTS, LIVER & RENAL FUNCTION TESTS.**

**THIS MAY RESULT IN DISTORTED DIAGNOSTIC DATA.**