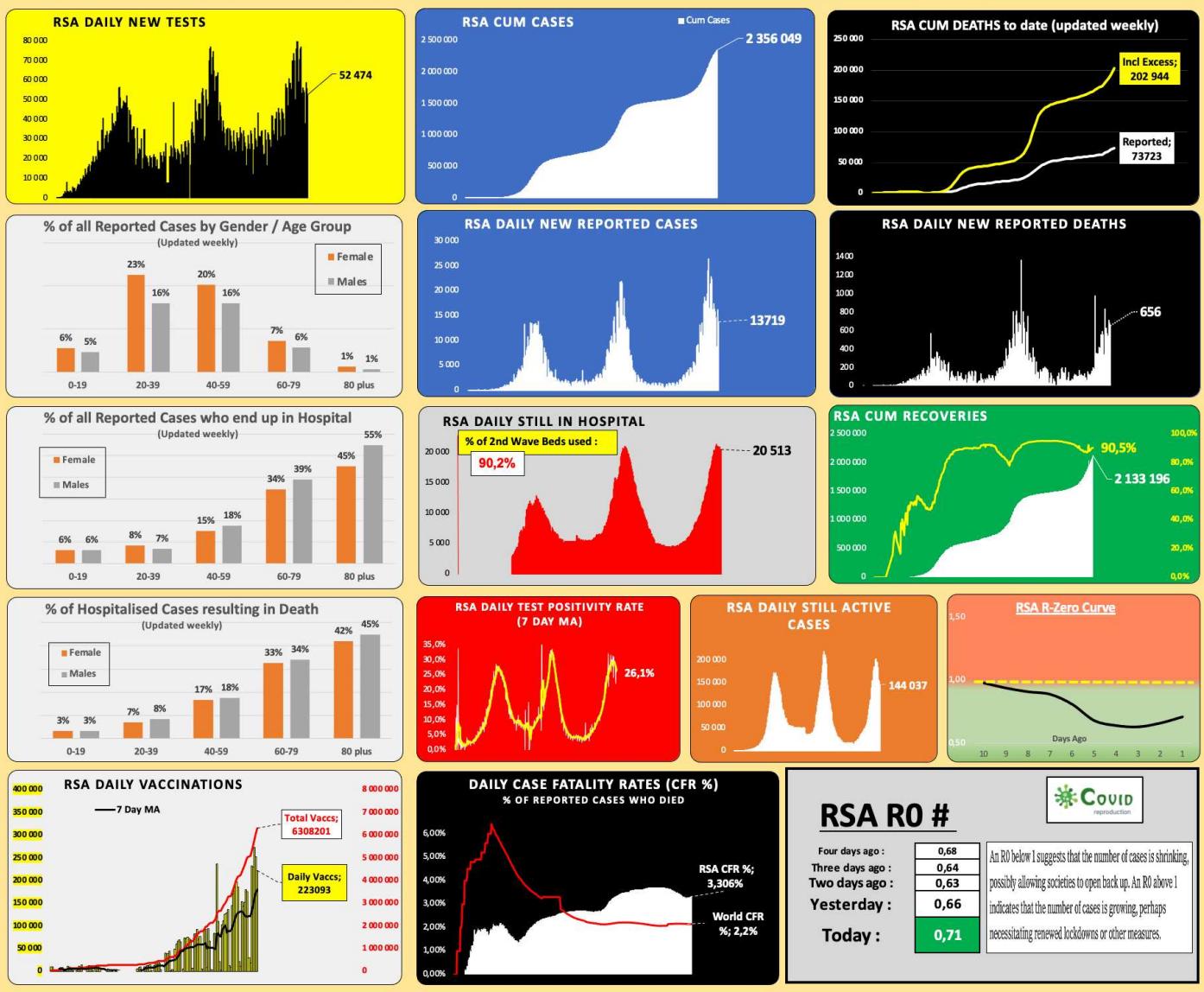


# HarryG COVID-19 Dashboard

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 vacs		
2 356 049	13 719	Cum Cases p mill PoP	Cum Deaths p mill PoP			Reported Cases	Hospital Cases		Daily Avg	42 055	
Still Active +Cases	144 037	39 347	1316		20513	3,35%	20,70%	7 Day MA Vaccs per day	180 276	0,61	Yrs
144 037	39 347	1316	24 July 2021		% of RSA PoP who have died to date :				180 276	0,61	Yrs
Deaths Ages	Deaths Avg	Deaths Median	Deaths Min Age		Cum Deaths	Reported Deaths	Incl Excess Deaths	Total to date:	6 308 201		
62,8	58,1	0,2	108	78 816	656	0,132%	0,242%	End 2021 Proj Deaths as % of Pop :	Cum Tests		Daily Tests
						Reported Deaths	Incl Excess Deaths		14 477 689	52 474	
									Daily Test Positivity Rate:		26,1%



Data as at: 23 July 2021

Unless otherwise indicated



An R0 below 1 suggests that the number of cases is shrinking, possibly allowing societies to open back up. An R0 above 1 indicates that the number of cases is growing, perhaps necessitating renewed lockdowns or other measures.

hdg

24 July 2021

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

Page 1.1



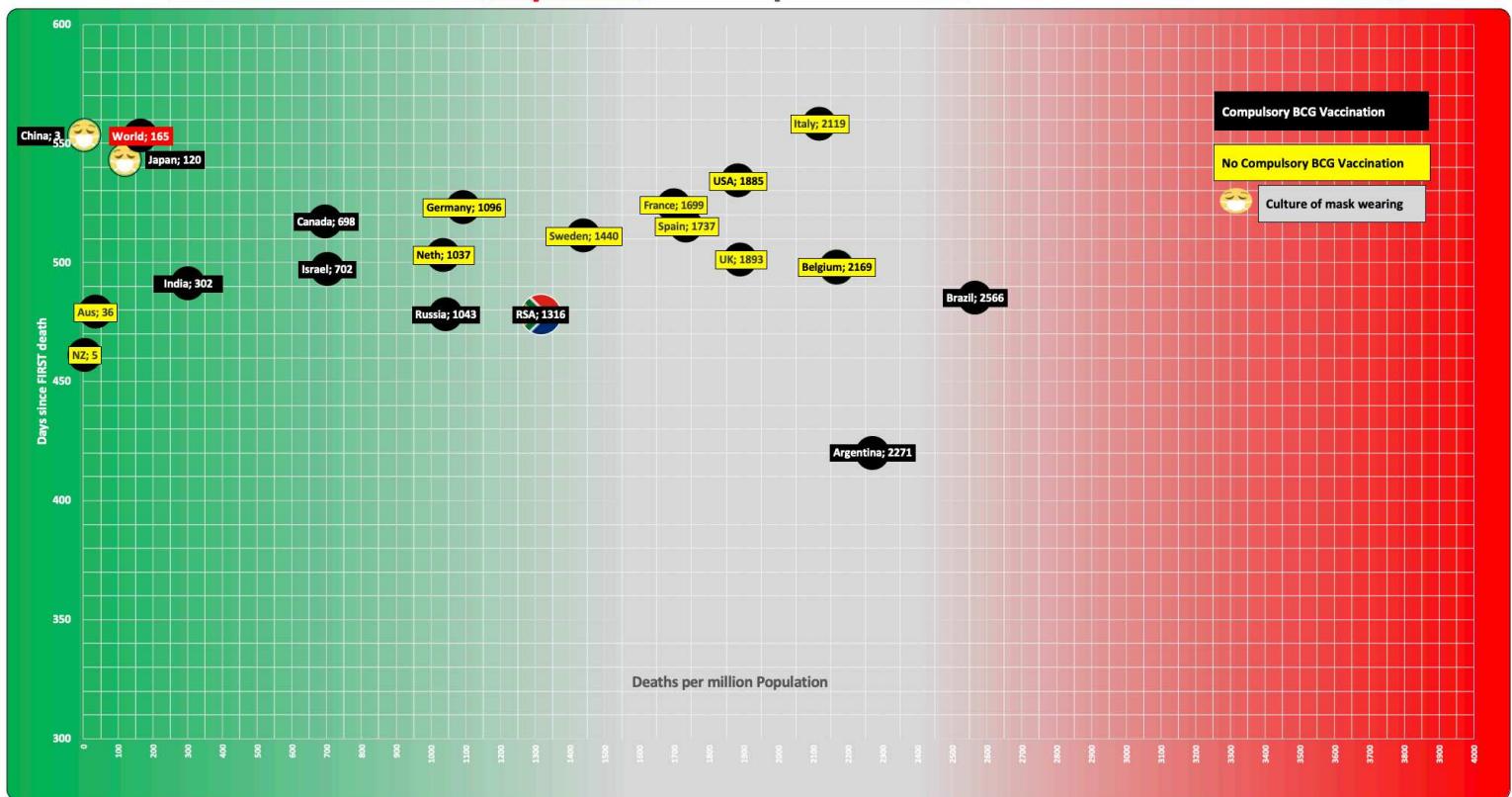
Data as at: 23 July 2021

Unless otherwise indicated

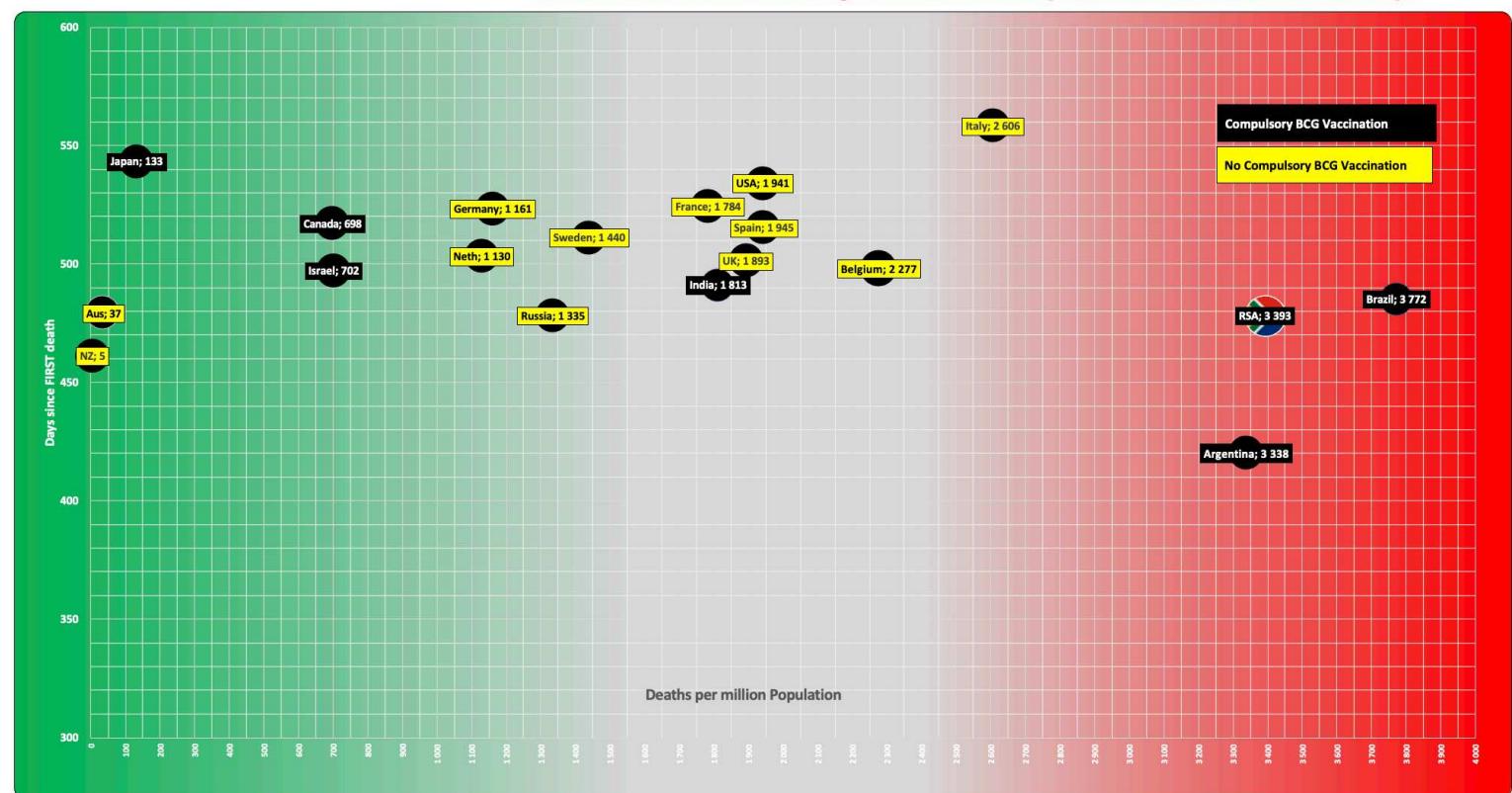
hdg 24 July 2021

## Selected Countries' Reported Deaths per mill PoP

Page 2

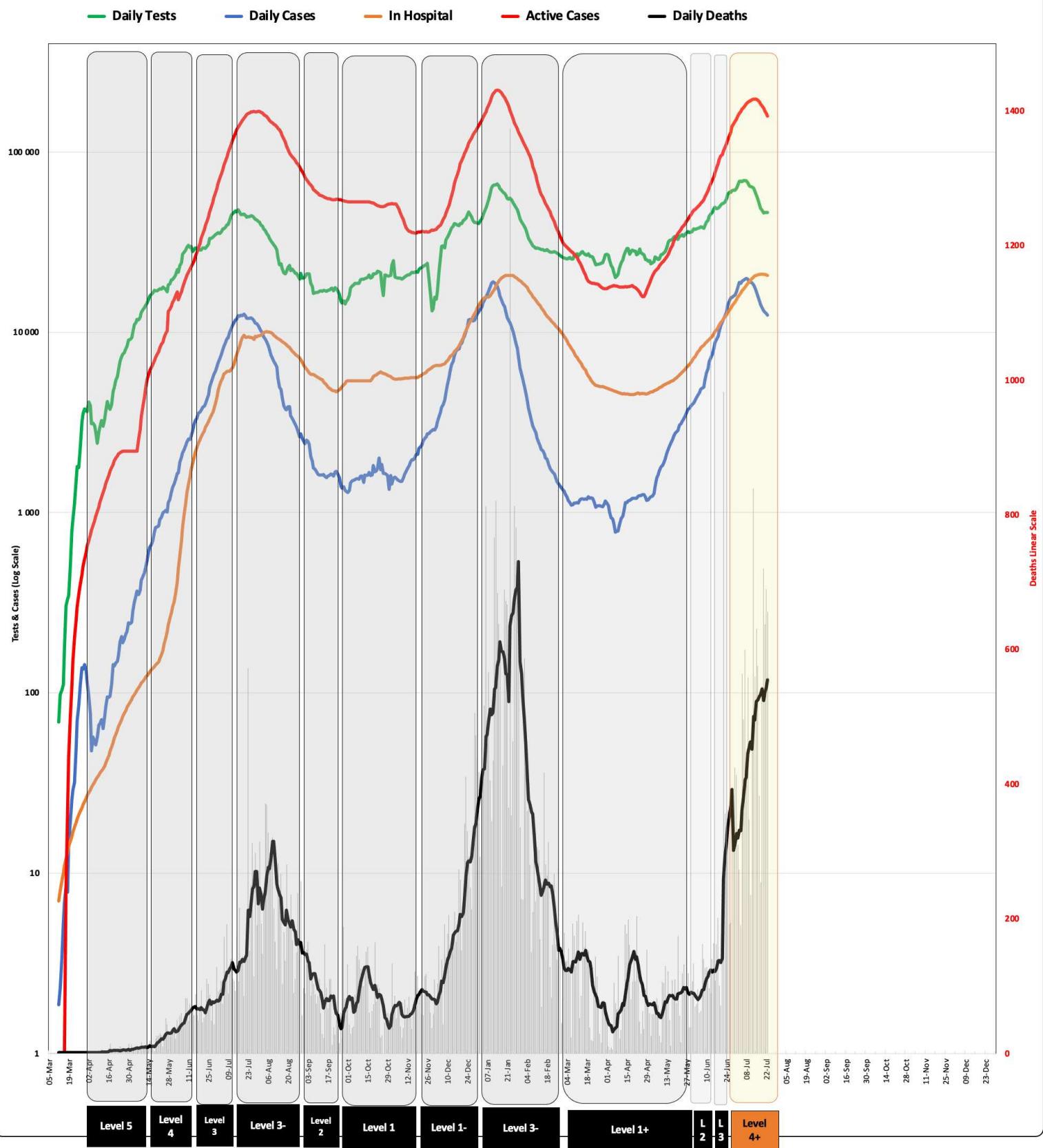


## Selected Countries' Deaths incl Excess Deaths per mill PoP (where data available)



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

Page 2.1



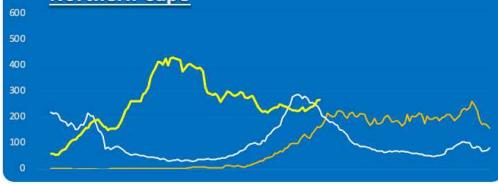
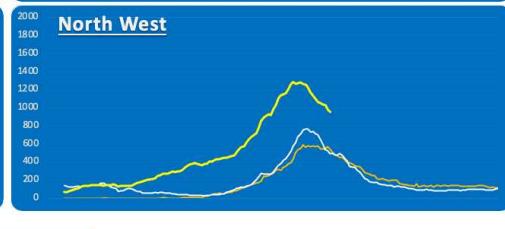
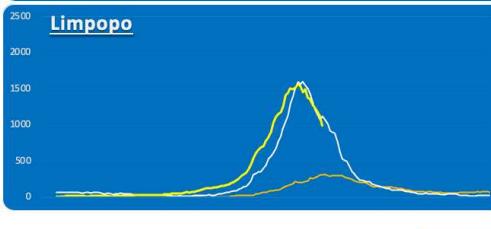
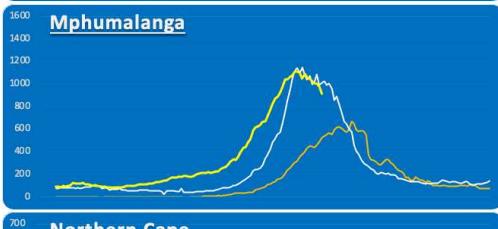
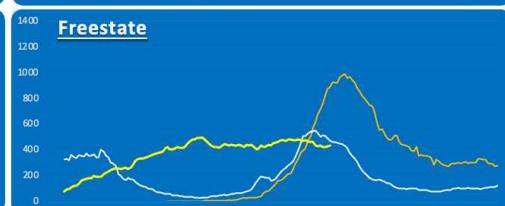
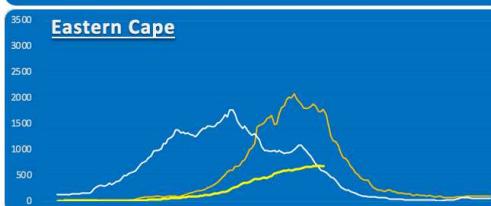
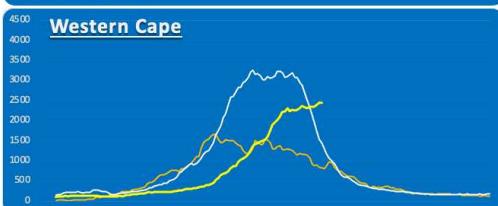
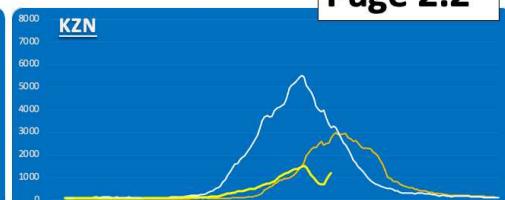
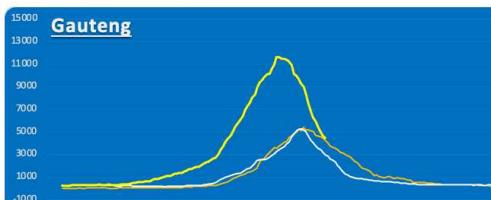
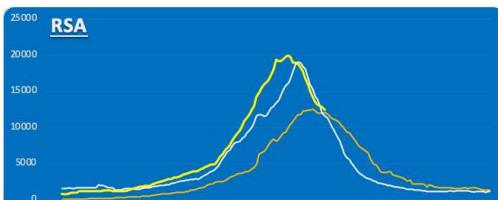
Data as at: 23 July 2021

Unless otherwise indicated

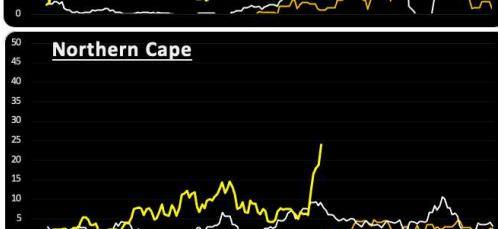
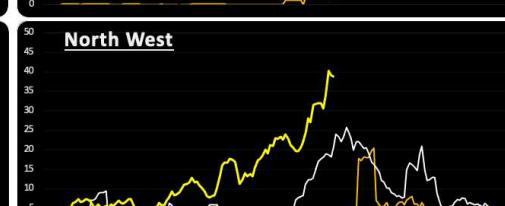
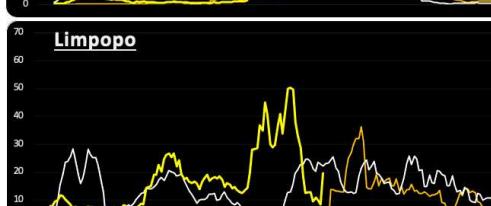
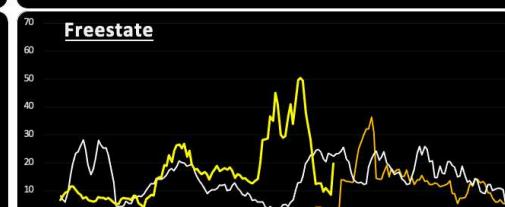
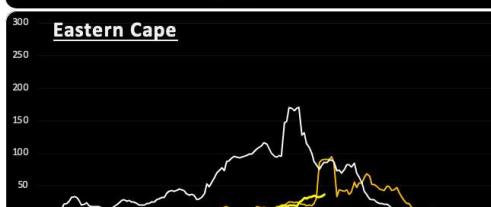
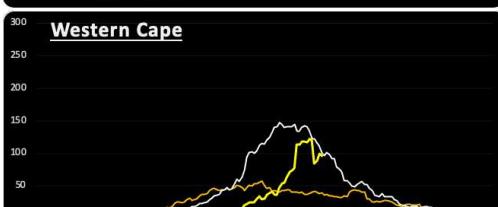
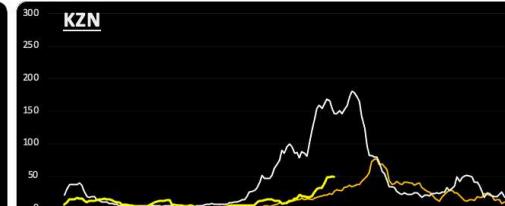
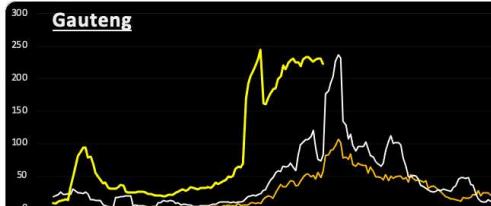
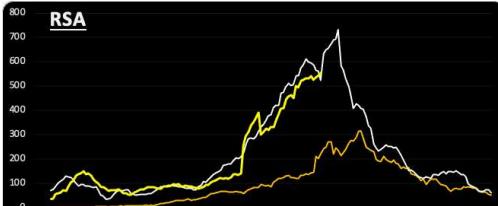
hdg 24 July 2021

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

Page 2.2



## CASES



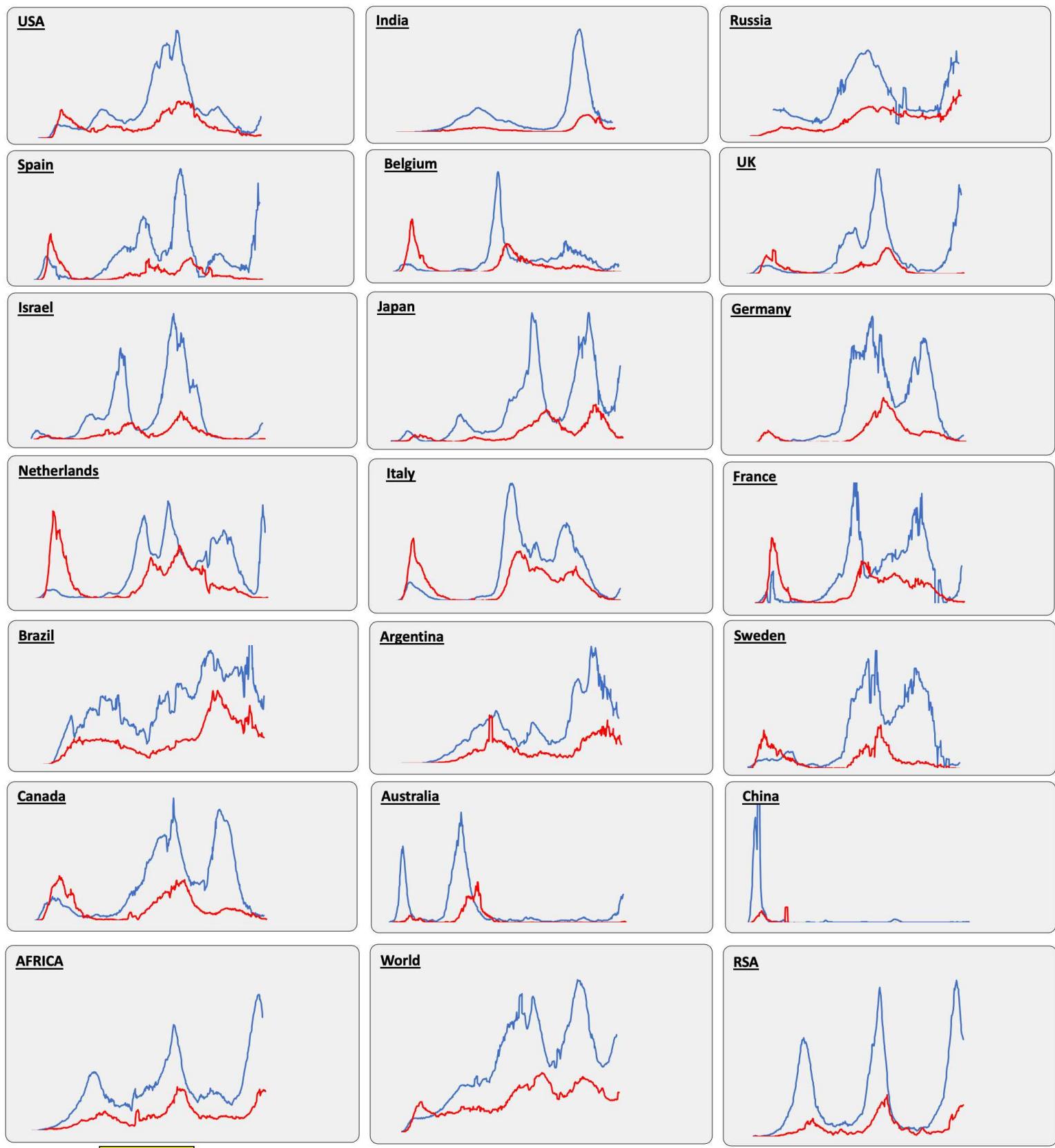
## DEATHS



## World Daily Reported New Cases & New Deaths

(Two linear vertical axes, not proportional)

Page 2.3



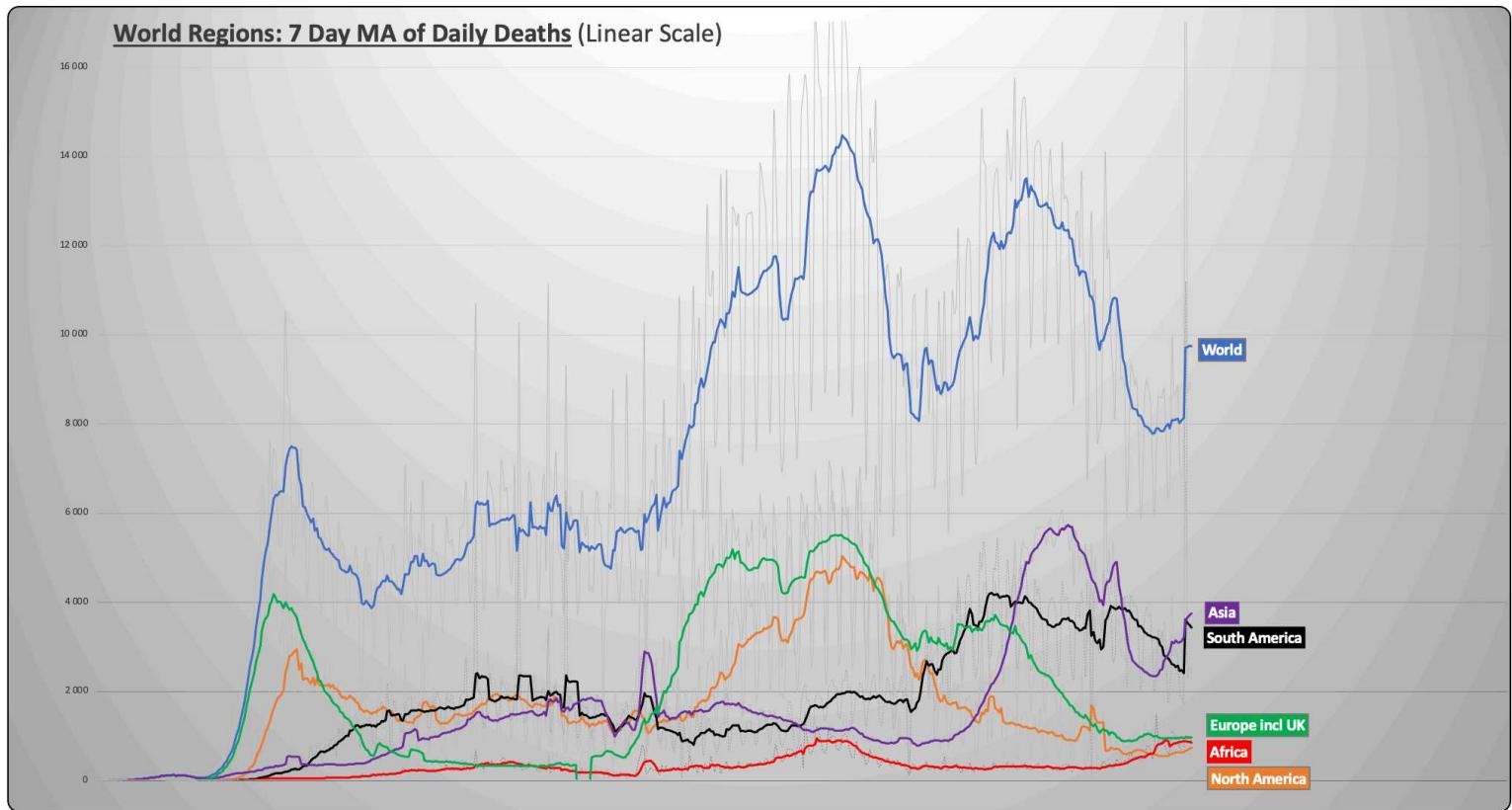
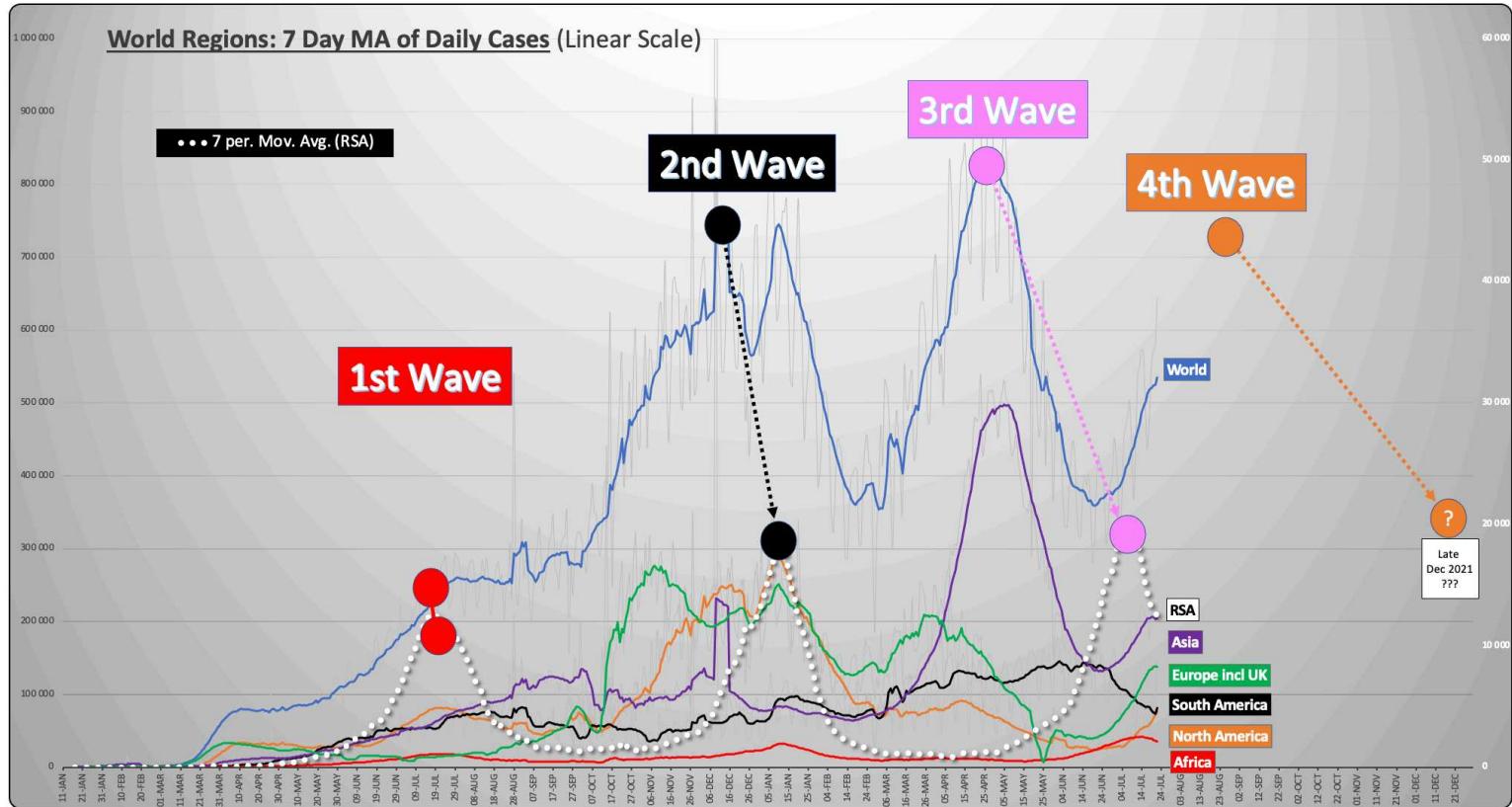
Data as at: 24 July 2021

Unless otherwise indicated

hdg 24 July 2021

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

Page 3.0



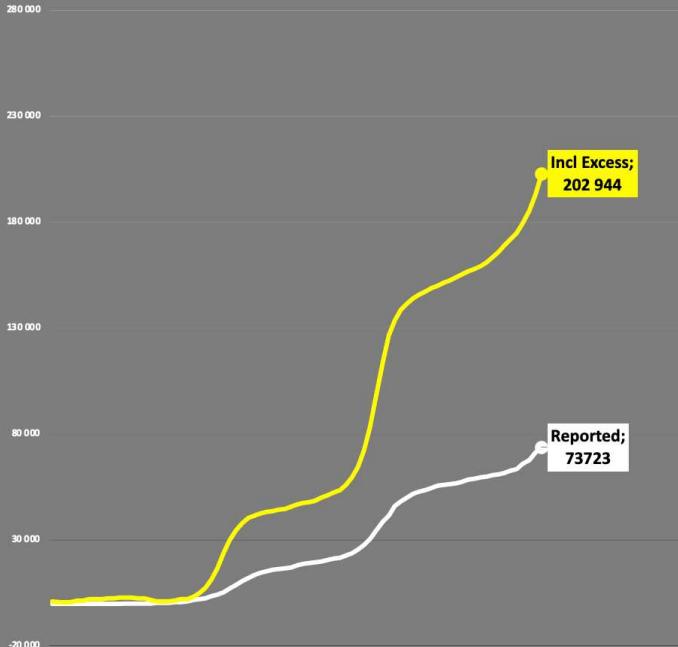
## RSA Cum & Projected Deaths (Reported & Incl Excess)

As at : 03 July 2021

Page 4

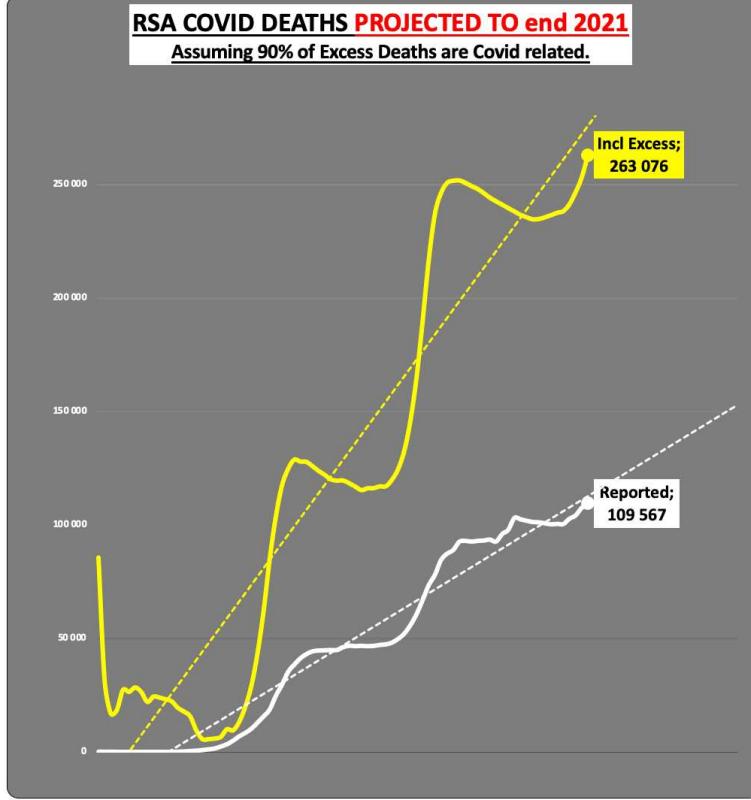
### RSA CUM DEATHS (updated weekly)

Assuming 90% of Excess Deaths are Covid related.

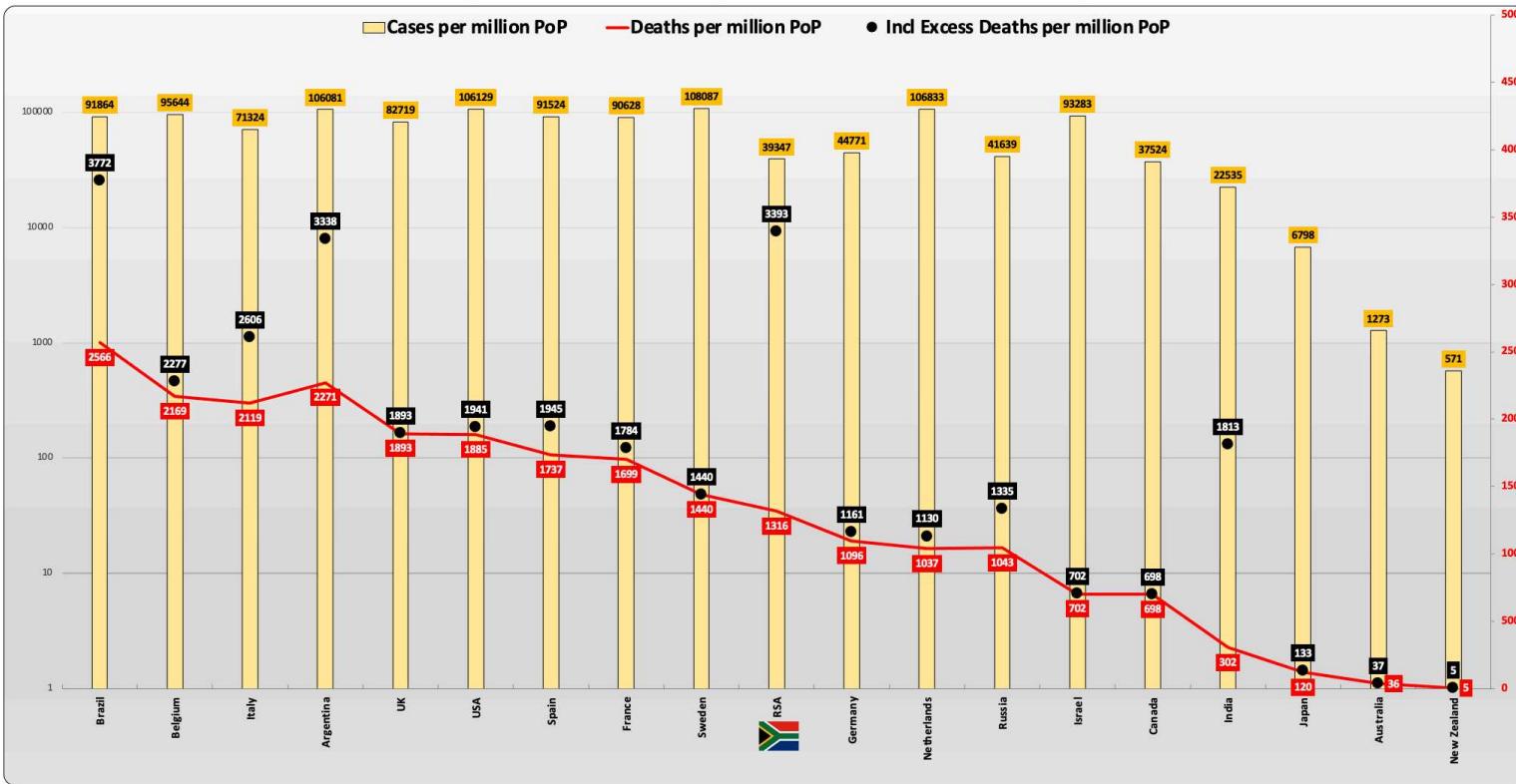


### RSA COVID DEATHS PROJECTED TO end 2021

Assuming 90% of Excess Deaths are Covid related.



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

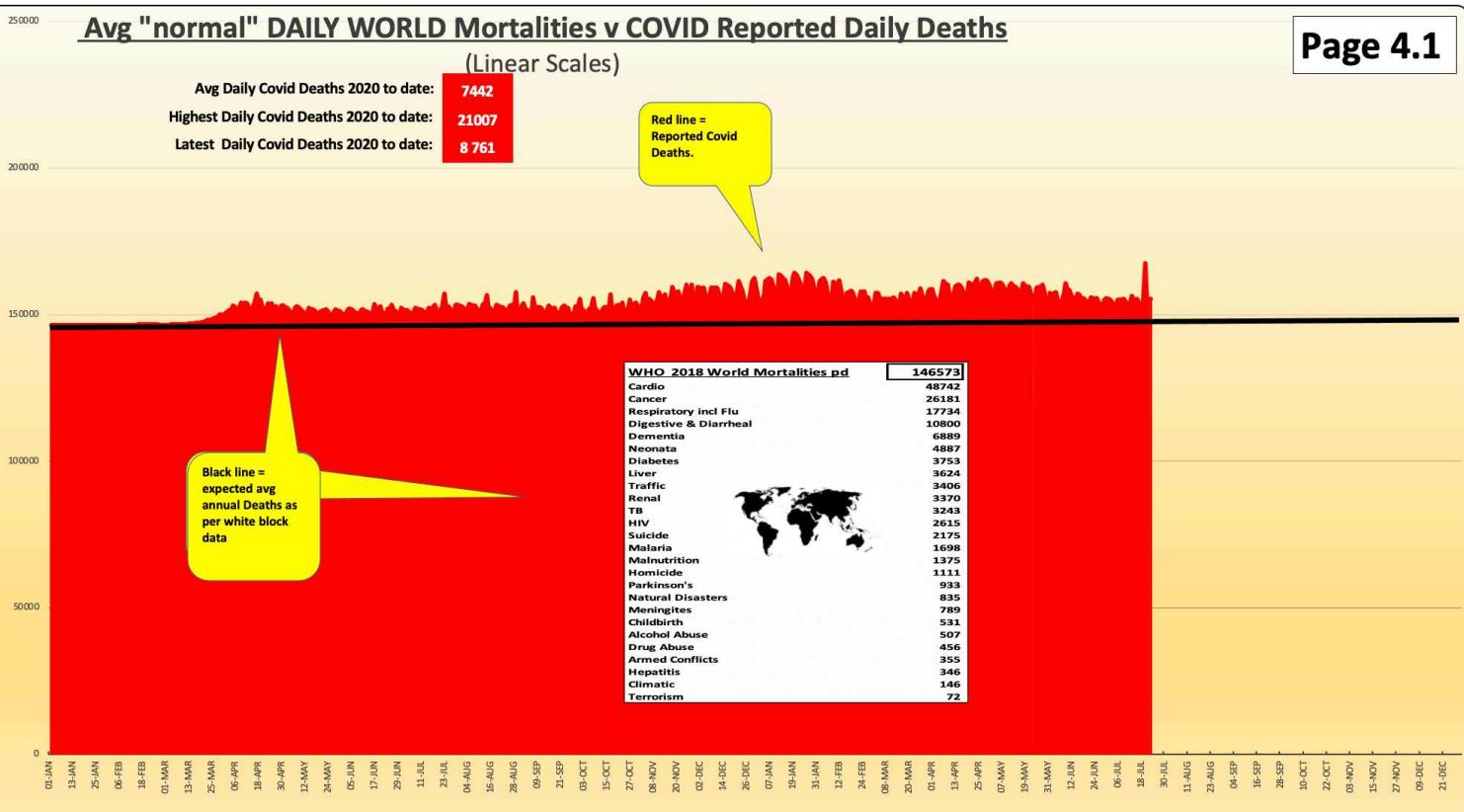


Data as at: 03 July 2021

Unless otherwise indicated

hdg 24 July 2021

Page 4.1

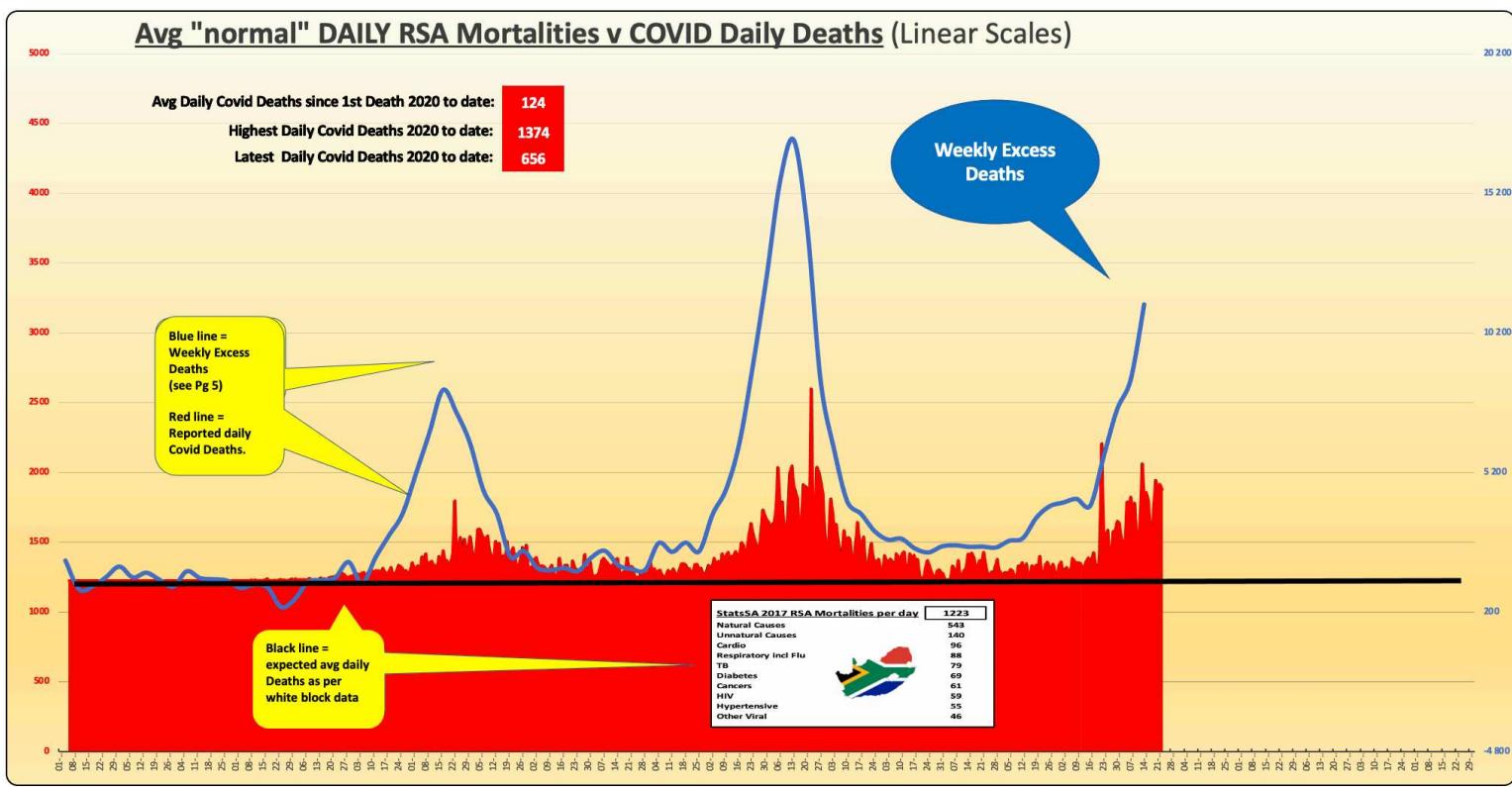


The two graphs WORLD (above) and RSA (below) attempt to put the number of Covid Deaths into some sort of perspective graphically.

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.



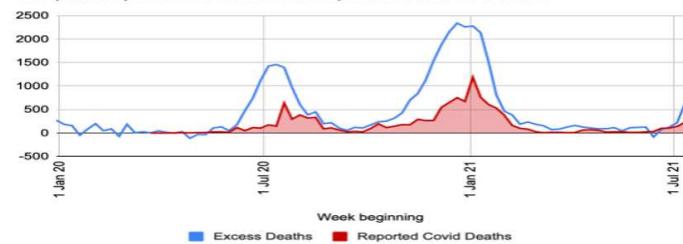
# RSA Excess Deaths as per SA Medical Research Council

As at : 16 July 2021

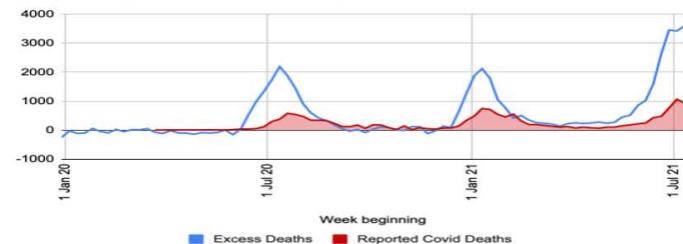
Page 4.2

## Provinces

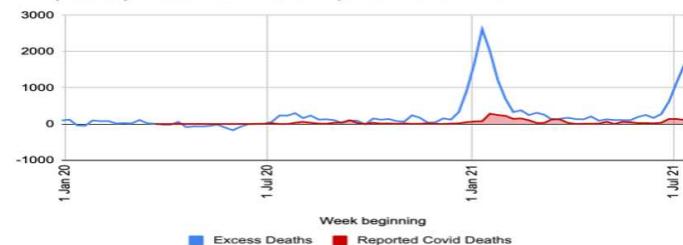
EC (Natural) Excess Deaths and Reported Covid-19 Deaths



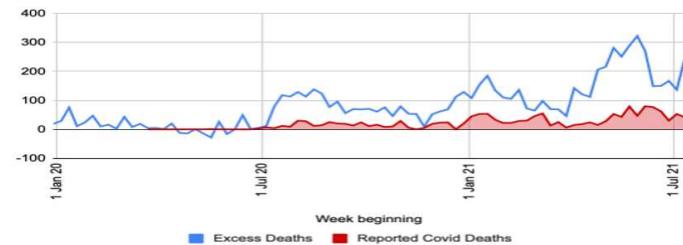
GT (Natural) Excess Deaths and Reported Covid-19 Deaths



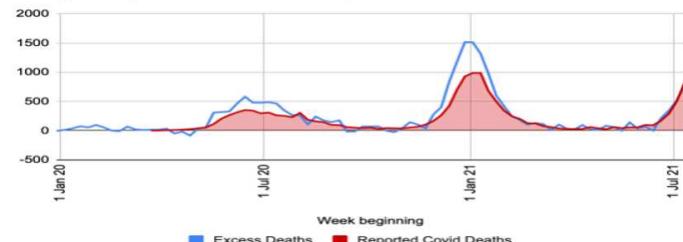
LM (Natural) Excess Deaths and Reported Covid-19 Deaths



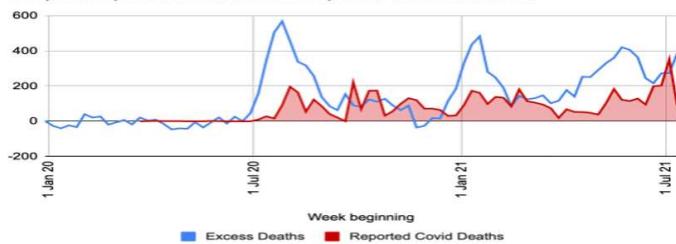
NC (Natural) Excess Deaths and Reported Covid-19 Deaths



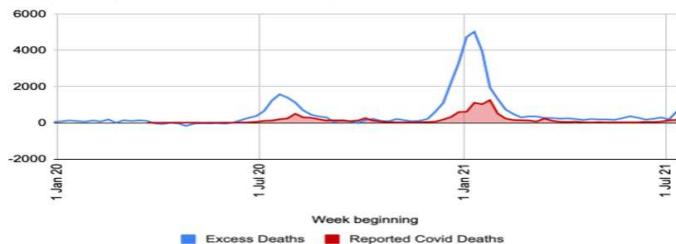
WC (Natural) Excess Deaths and Reported Covid-19 Deaths



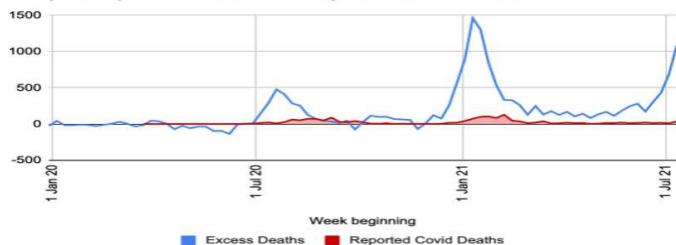
FS (Natural) Excess Deaths and Reported Covid-19 Deaths



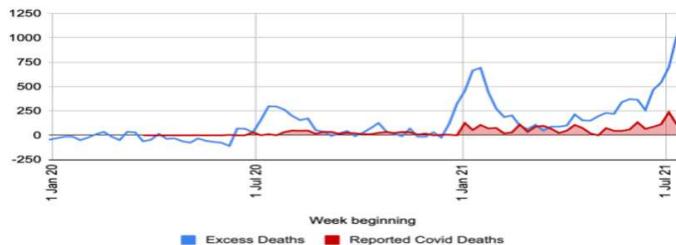
KZ (Natural) Excess Deaths and Reported Covid-19 Deaths



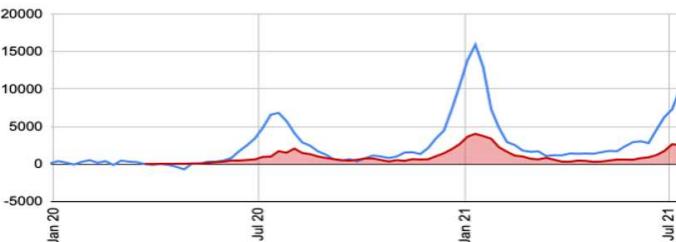
MP (Natural) Excess Deaths and Reported Covid-19 Deaths



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



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



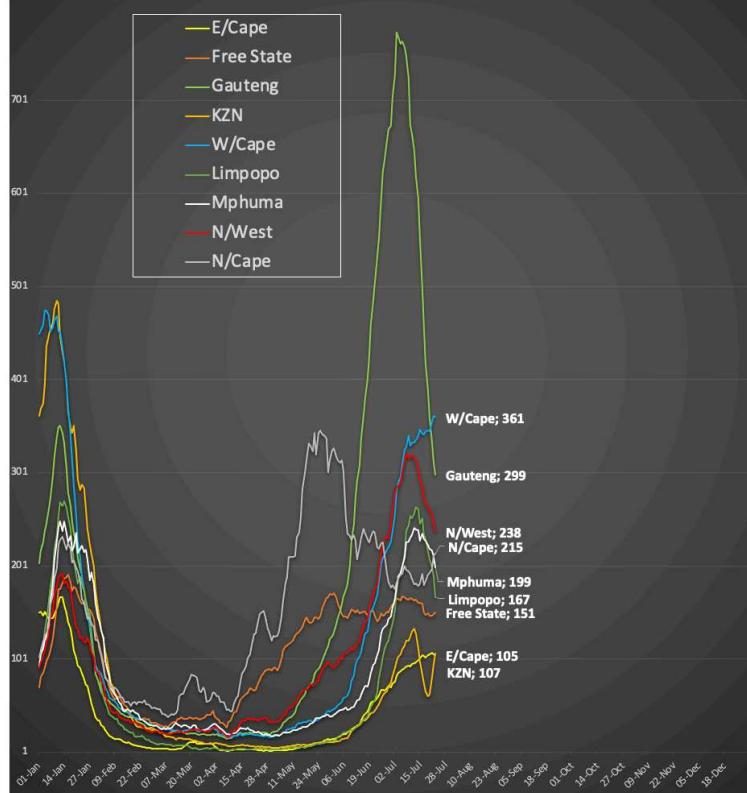
The red lines are weekly Covid deaths as reported by Dept of Health.

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

The 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).

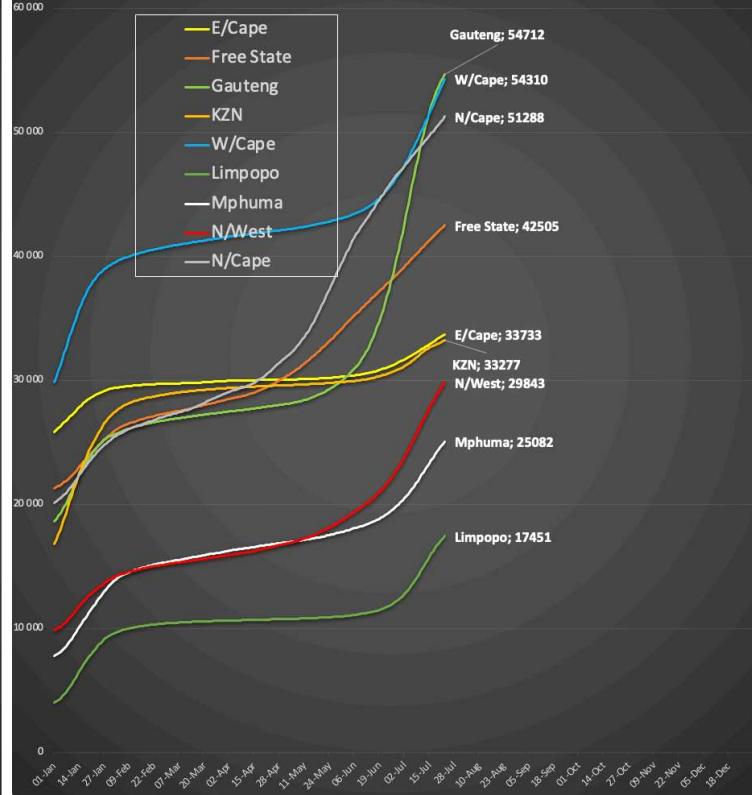
## Reported DAILY CASES per mill PoP

Jan to Dec 2021 7 Day MA



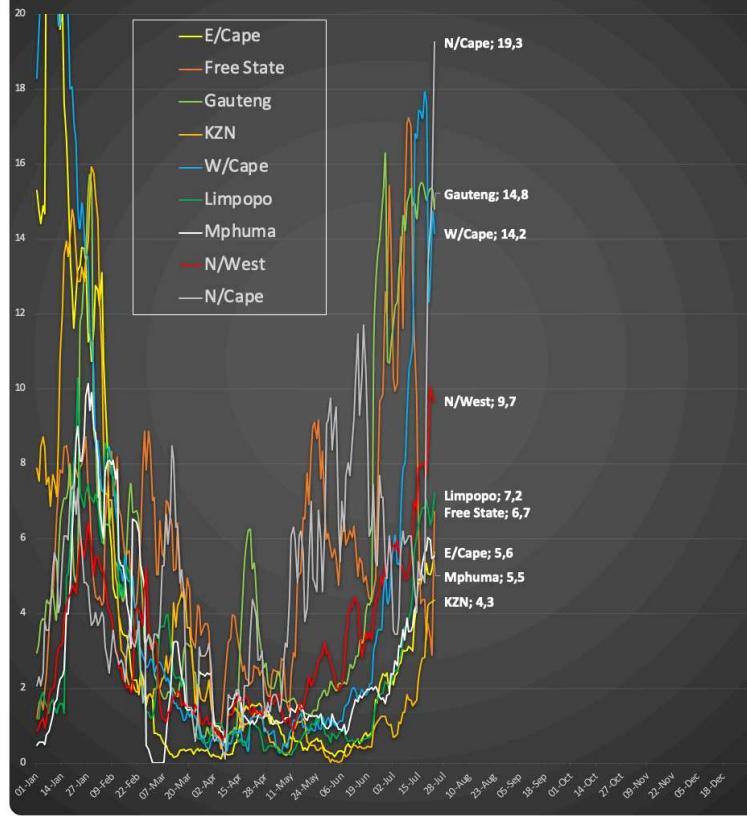
## Reported CUM CASES per mill PoP

Jan to Dec 2021 7 Day MA



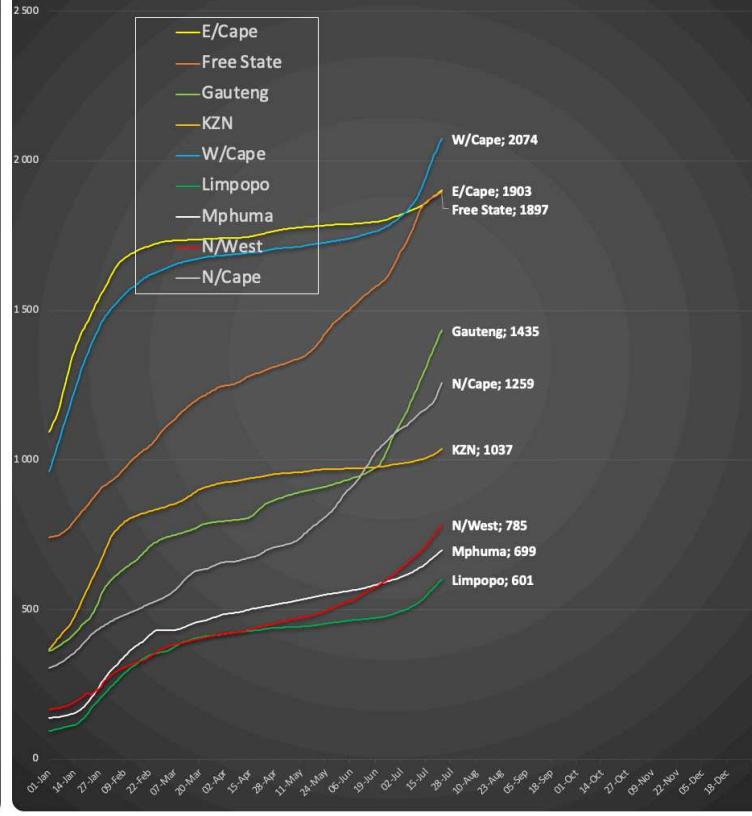
## Reported DAILY DEATHS per mill PoP

Jan to Dec 2021 7 Day MA



## Reported CUM DEATHS per mill PoP

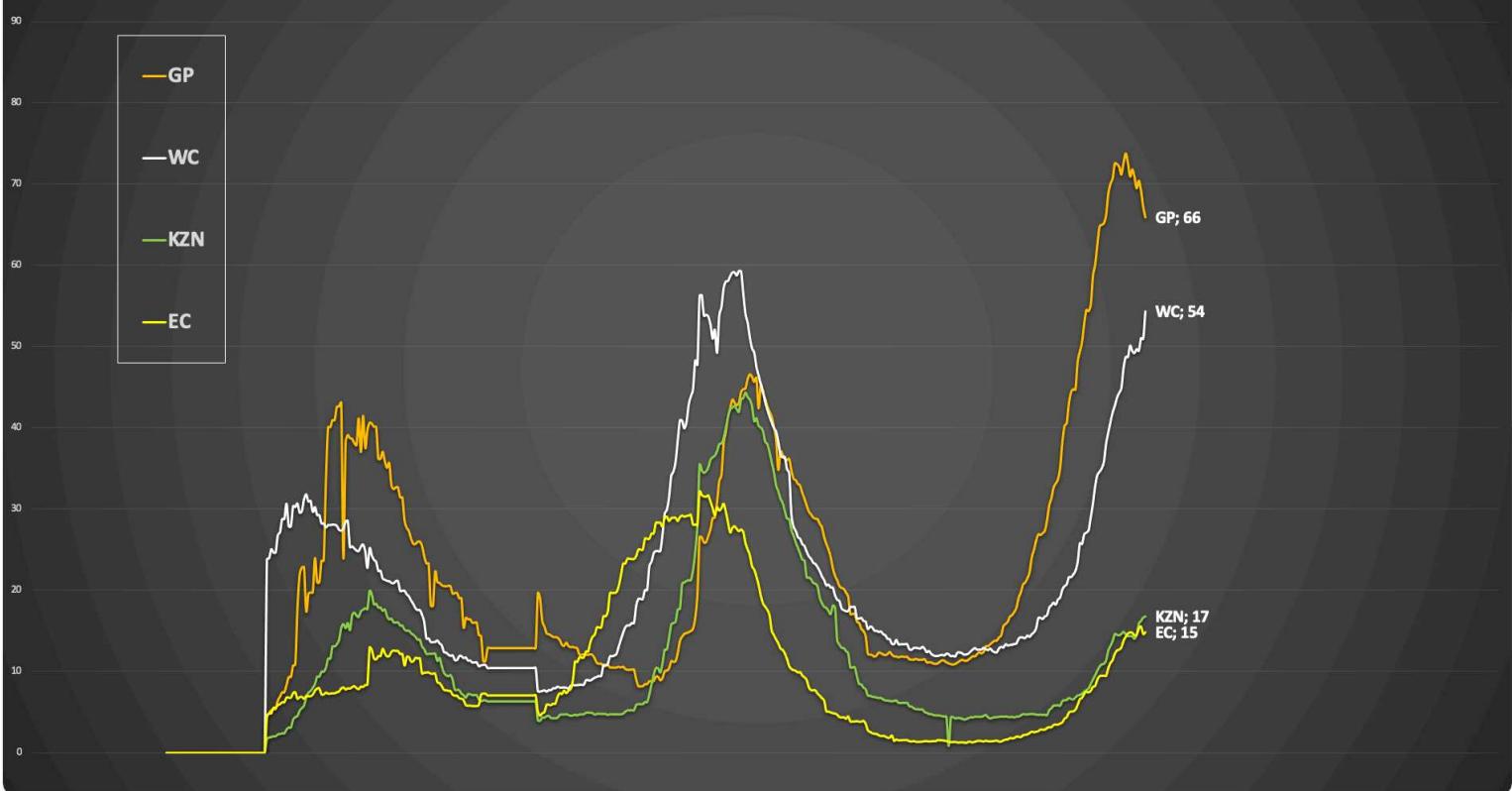
Jan to Dec 2021 7 Day MA



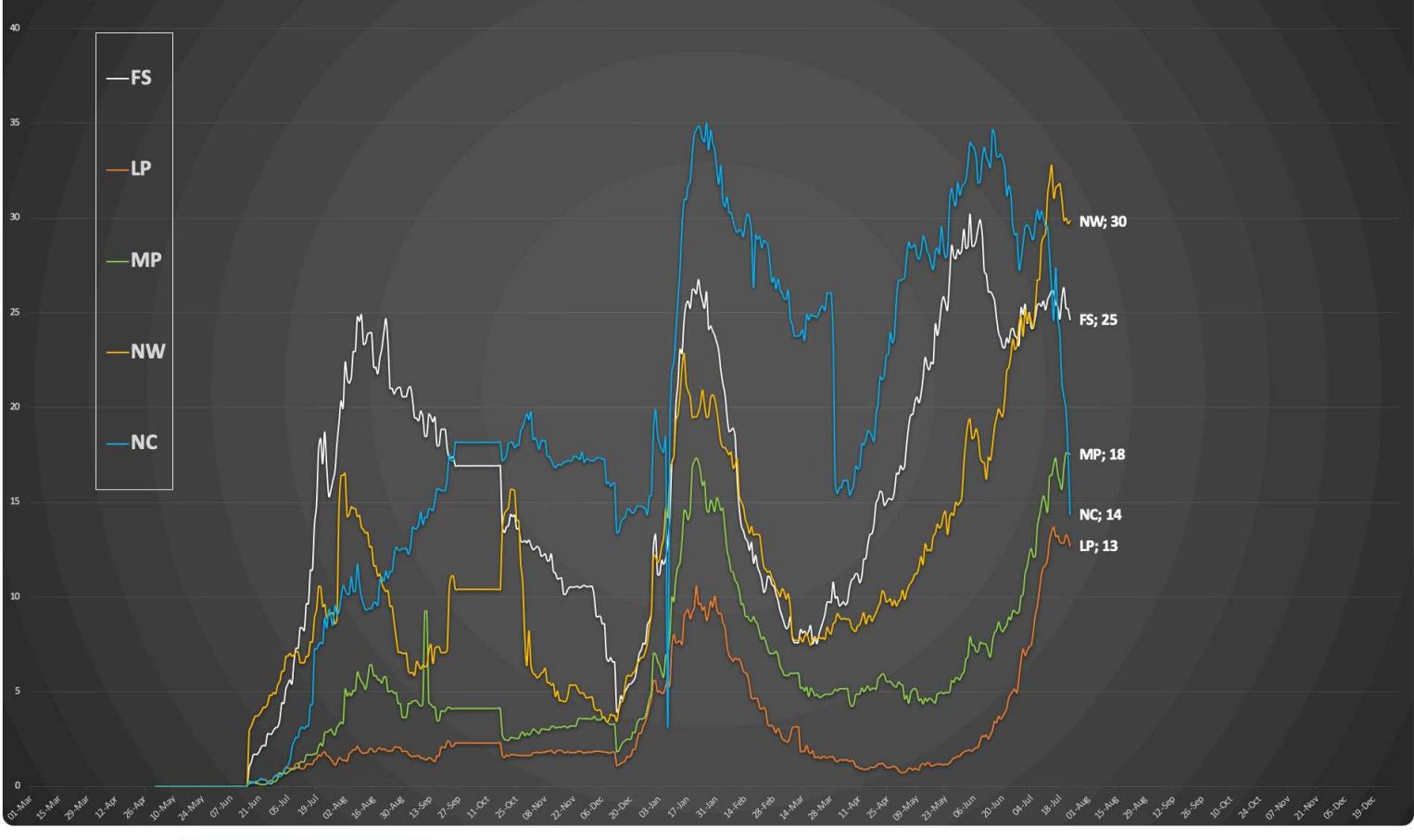
## RSA Provinces Comparative Daily Hospitalisations

Page 5.1

Major Provinces: Daily In Hospital per 100k PoP



Smaller Provinces: Daily In Hospital per 100k PoP

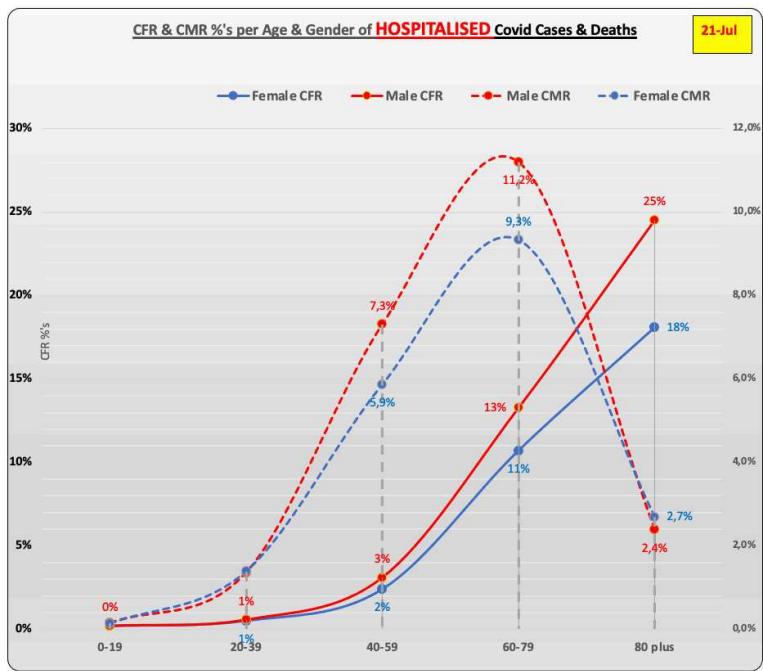
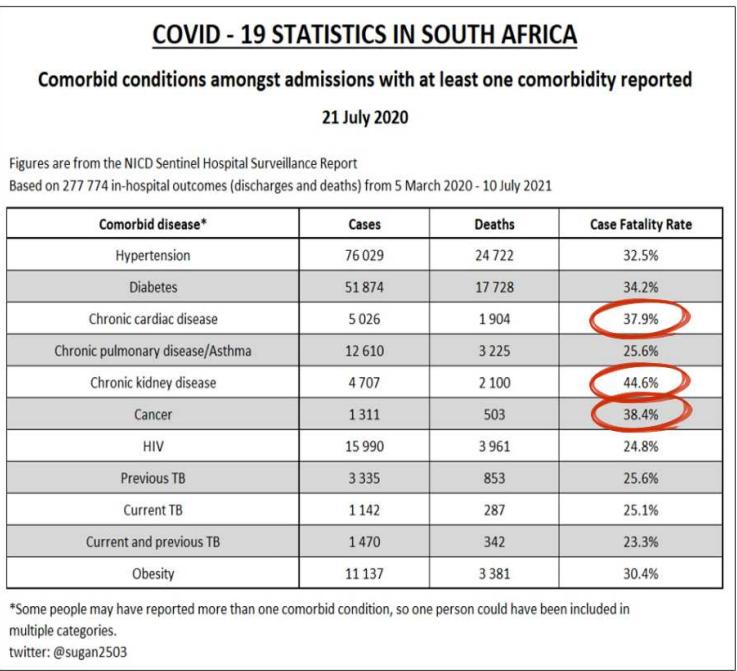
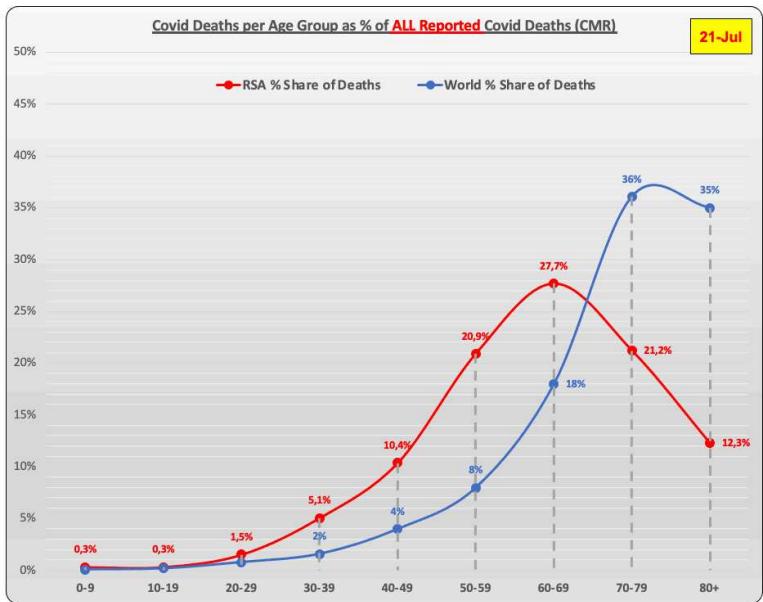
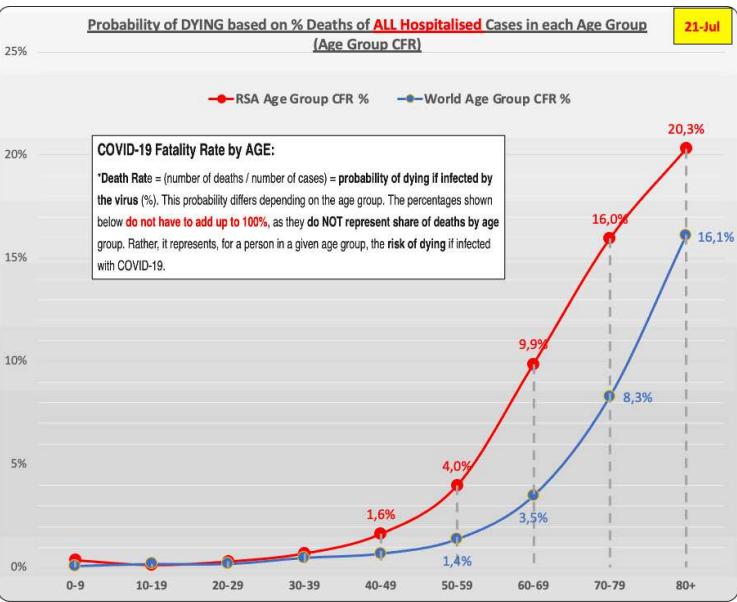
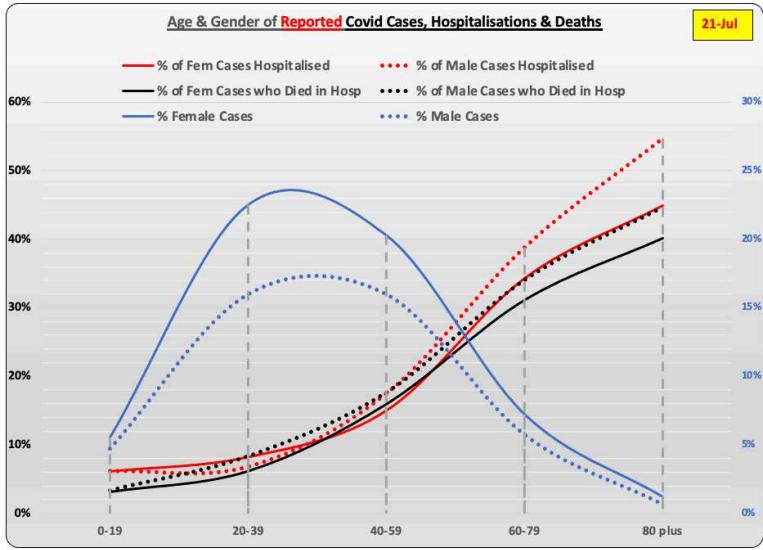
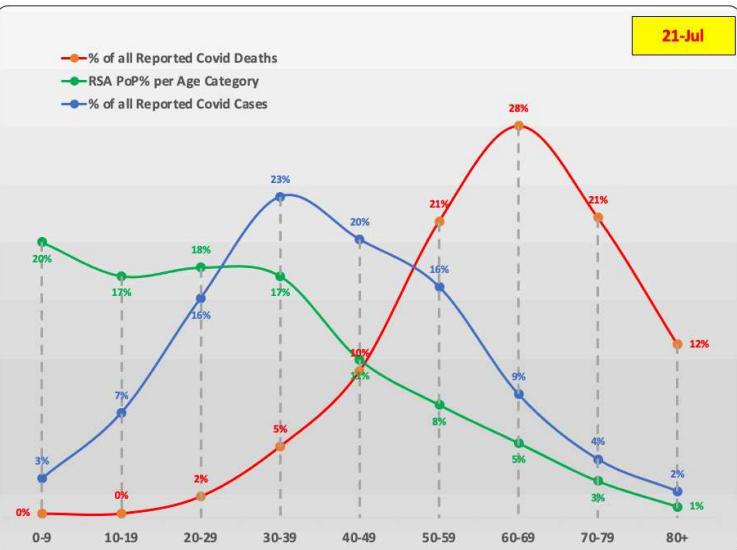


Data as at: 23 July 2021

hdg 24 July 2021

# RSA Age & Gender Stats

Page 6

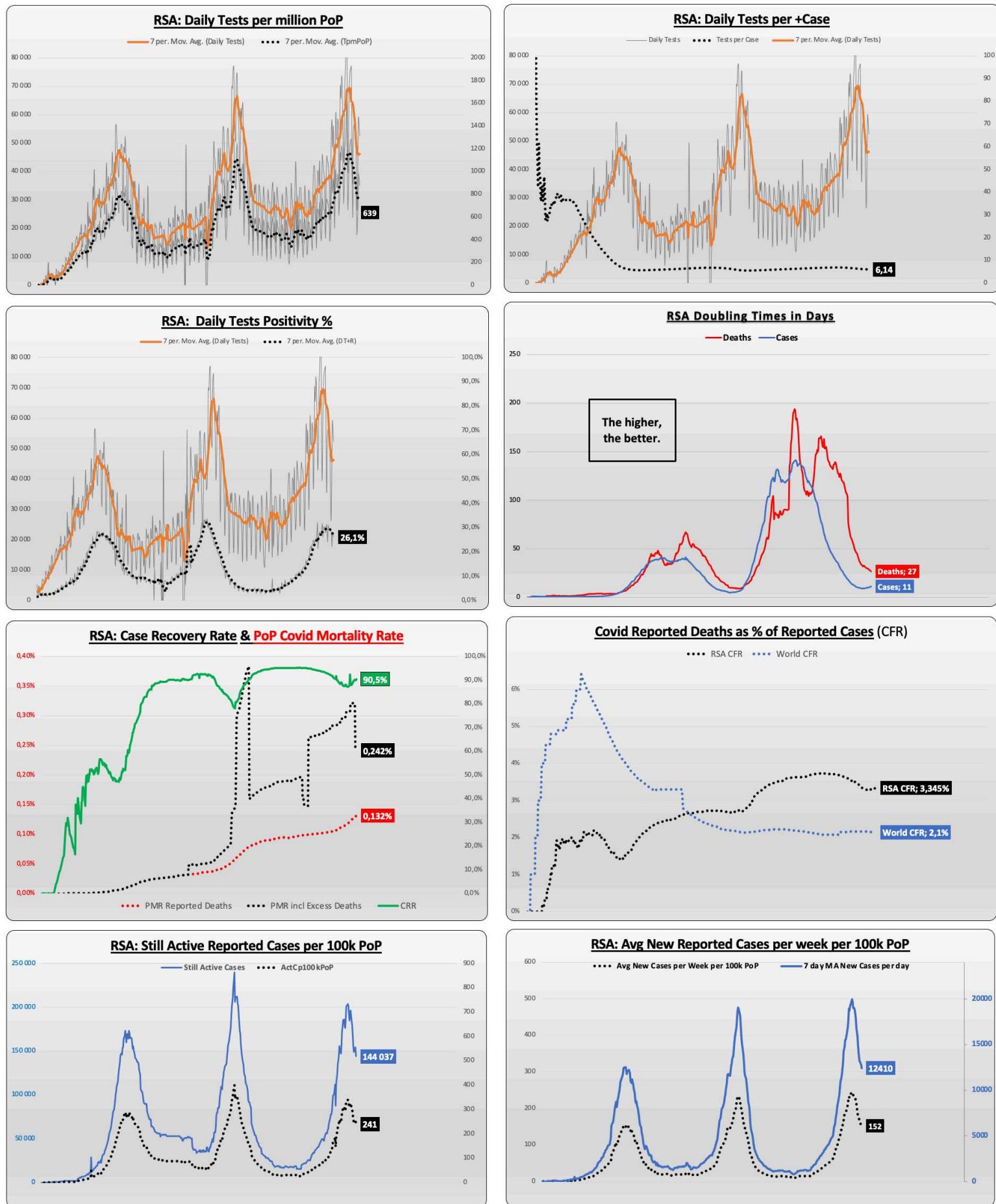


Data as at: As indicated per graph

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

Page 6.1



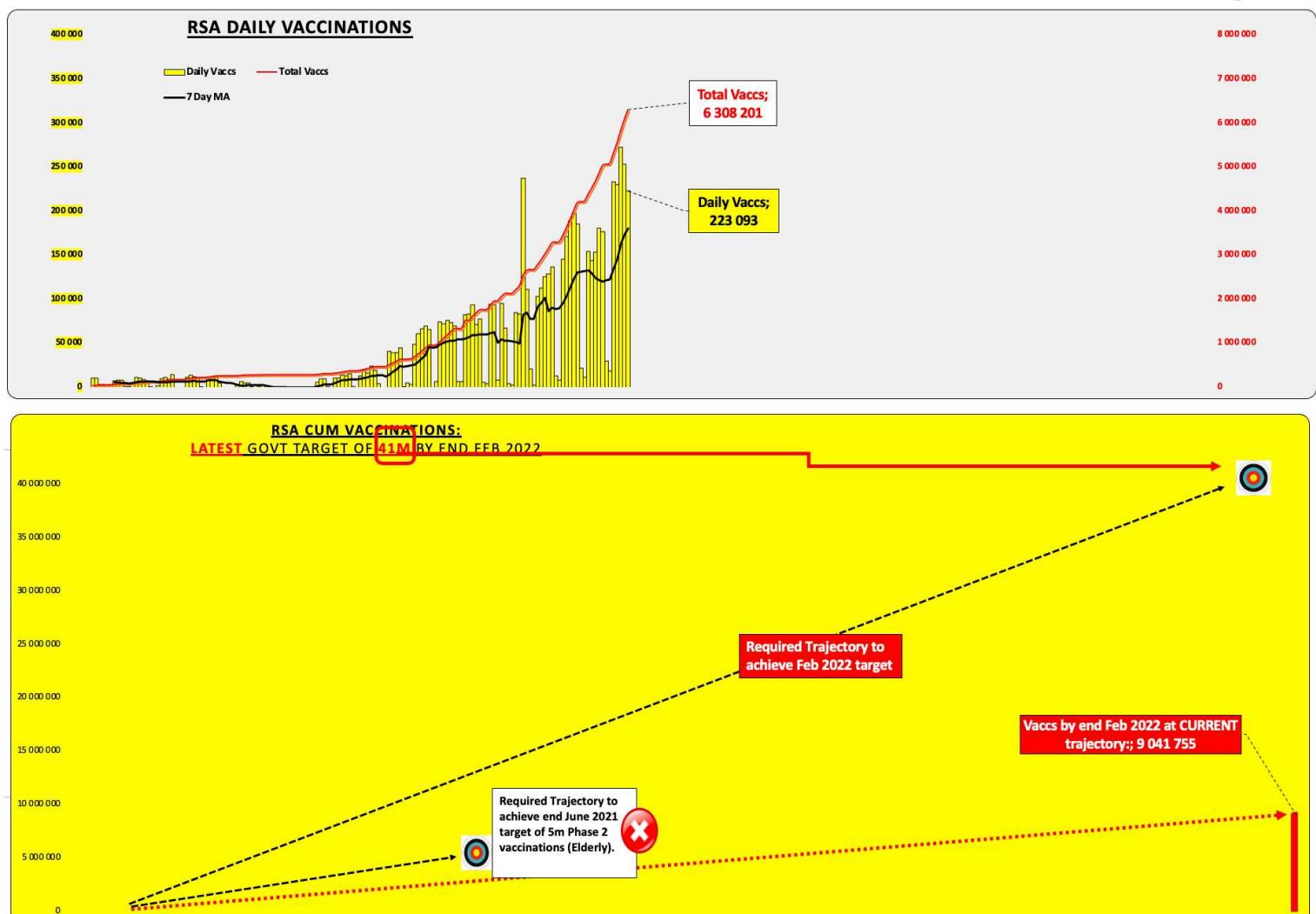
Data as at: 23 July 2021

Unless otherwise indicated

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# Vaccination Data

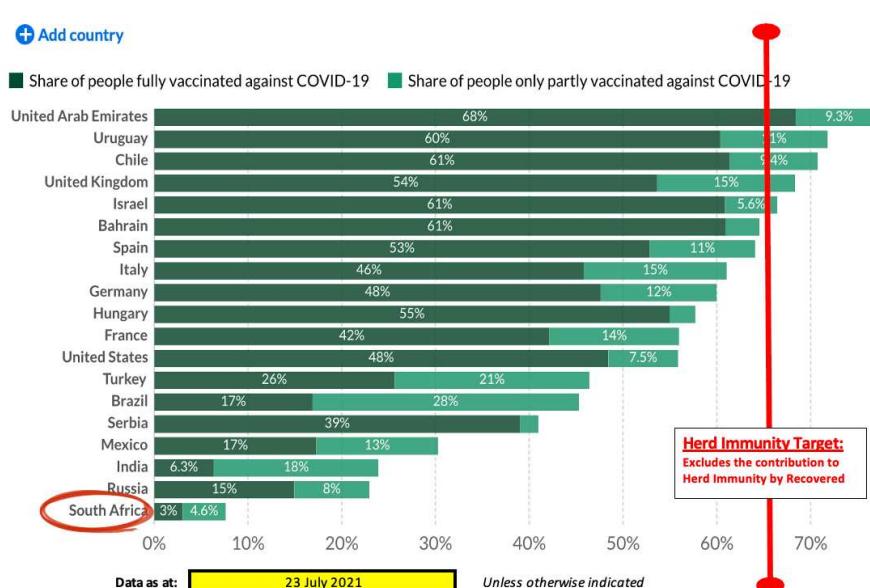
Page 7



## Selected countries who publish their VAC data

Share of people vaccinated against COVID-19, Jul 21, 2021  
This data is only available for countries which report the breakdown of doses administered by first and second doses.

Our World in Data



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

Total Vaccs to date: 6 308 201 Avg Vaccs per day : 42 055  
Fully Vaccsed : 479 768 Avg Vaccs per day over the last 7 days : 180 276  
Single & Double Doses : 5 828 433 Phase 1 : Health Care Workers  
Phase 2 & 3 : 60/50 plussers, Teachers

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>2,63</b> Years
Time to achieve Herd Immunity at daily rate of Vaccinations over the past 7 DAYS	<b>0,61</b> Years



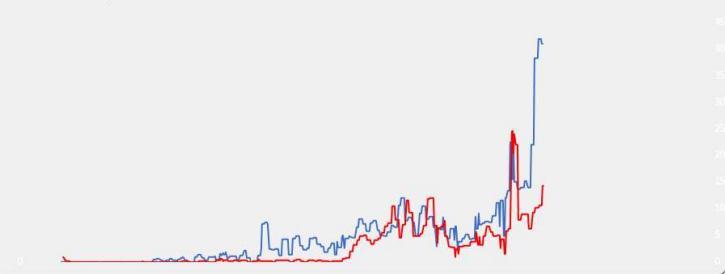
Excludes the contribution to Herd Immunity by Recovered and Asymptomatic Cases.

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

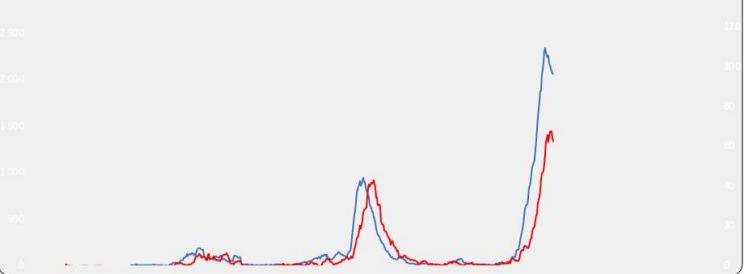
Page 8

(Jan 2020 to Present)  
CASES DEATHS

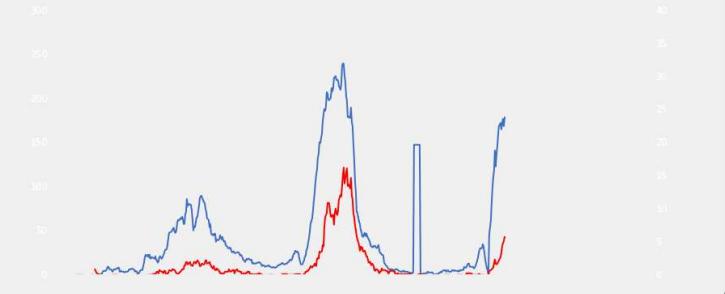
Botswana



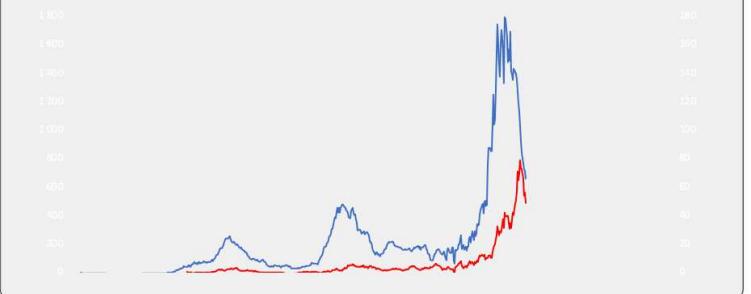
Zimbabwe



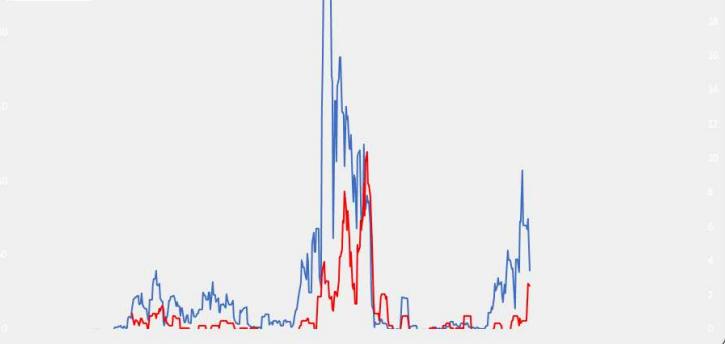
Eswatini



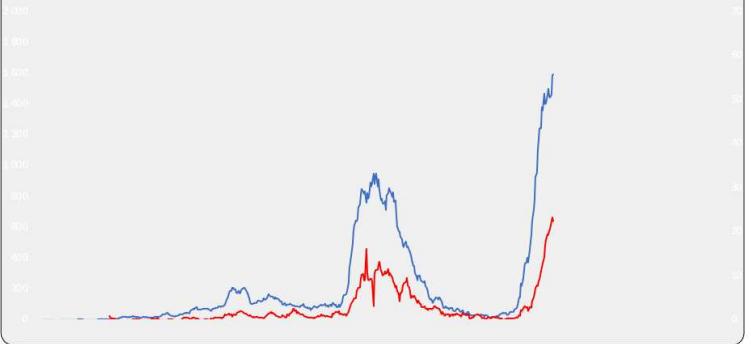
Namibia



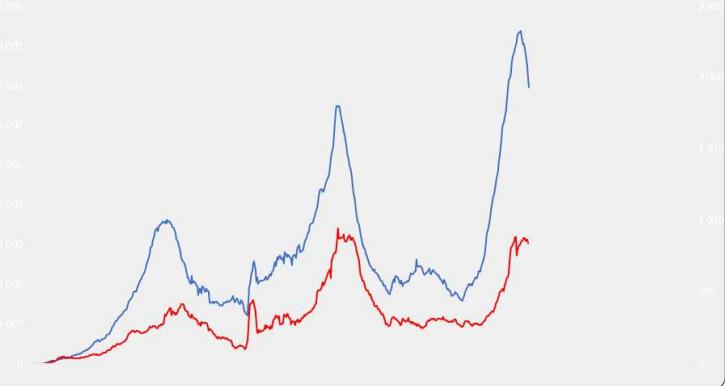
Lesotho



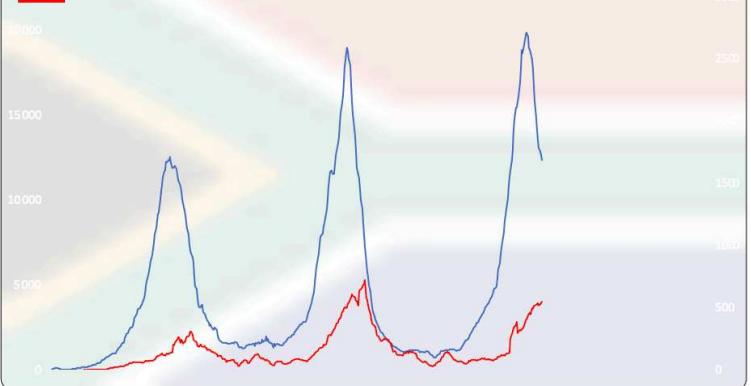
Mozambique



AFRICA



RSA



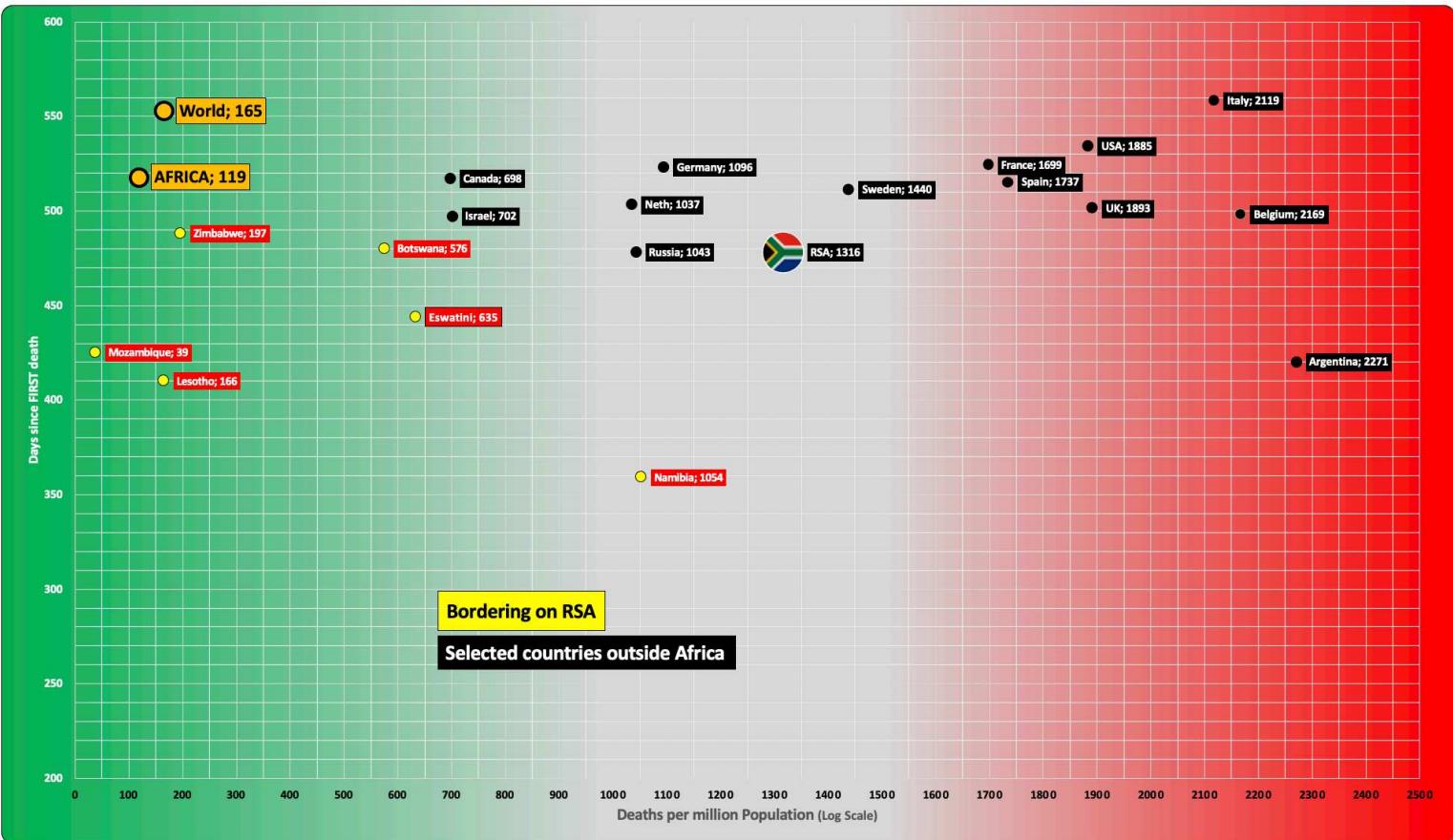
Data as at: 24 July 2021

Unless otherwise indicated

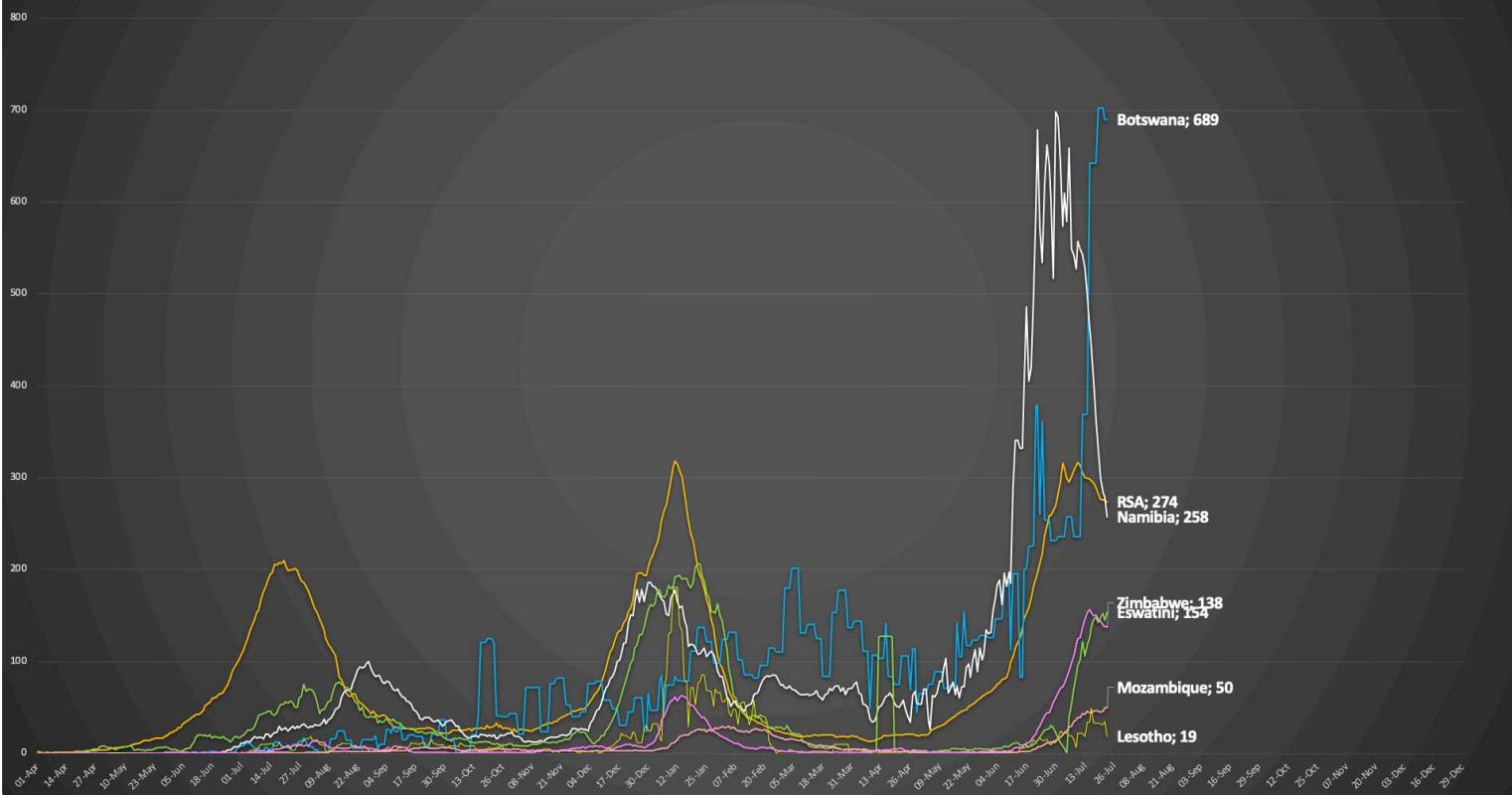
hdg 24 July 2021

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

Page 8.1



## Southern Africa Daily Reported CASES per million PoP



A smile is the best vaccine....



"Not today, love..."

"The hills are closed"



Some food for thought.....



### 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 common sense 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 or gym. Be especially careful about advice and theories from politically aligned organisations.
- 2) If you want to use Ivermectin get a prescription from your doctor and buy the stuff from a registered pharmacy. Do not use black market vendors or online purchasing. Avoid 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 for 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.**