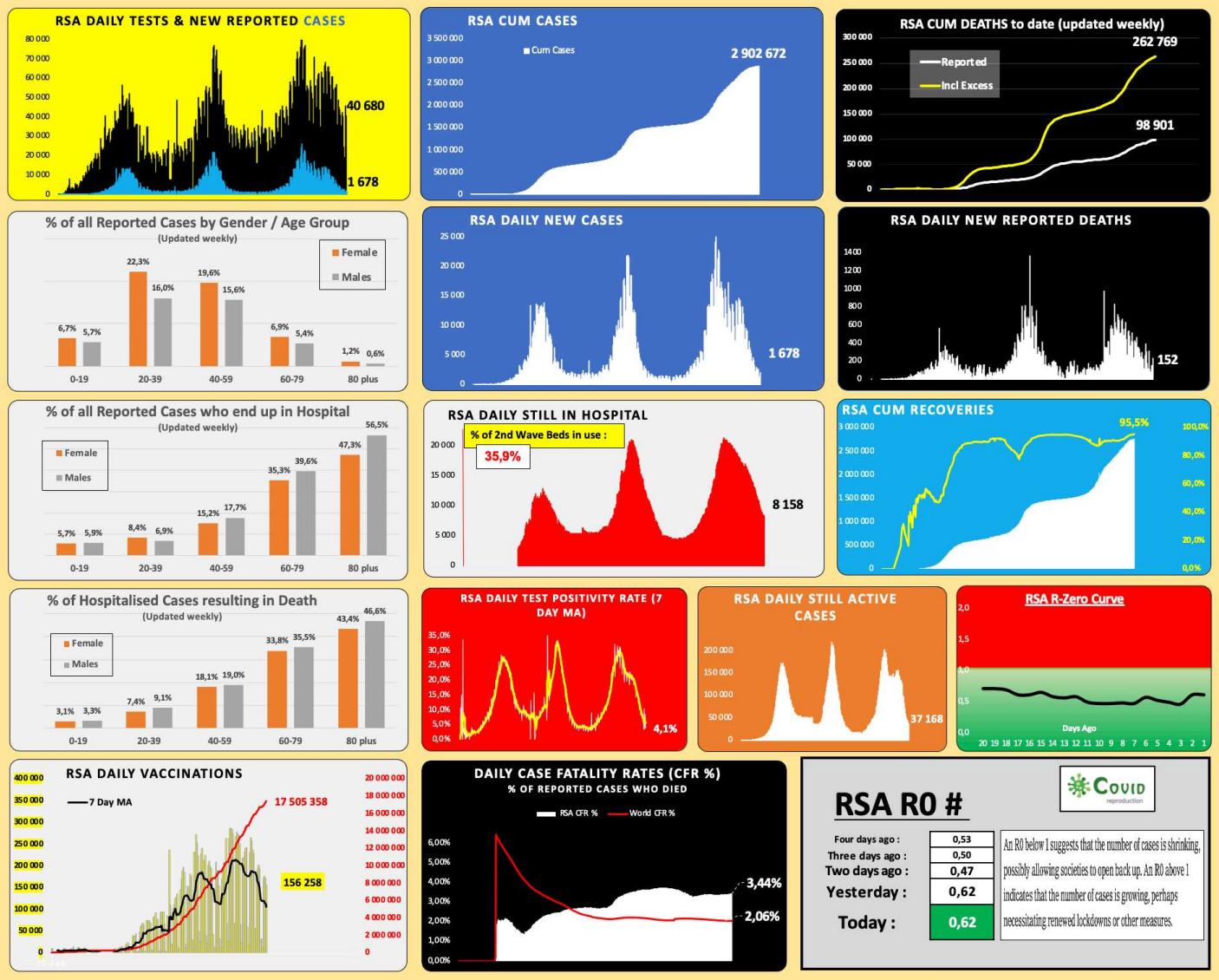


# HarryG COVID-19 StatsPack

Page 1

Deteriorating	Improving	Against Previous Day
---------------	-----------	----------------------

Cum Cases		Daily Cases		RSA COVID-19 DASHBOARD as at: <b>30-Sep-21</b>	Daily Still in Hospital	Case Fatality Rates (CFR): Reported Cases      Hospital Cases		Vaccinations:		Time to achieve Govt Target of <b>41m</b> vaccs	
2 902 672	1 678	Still Active +Cases	Cum Cases p mill PoP	Cum Deaths p mill PoP	8158	3,44%	21,61%	Daily Avg	79 933	1,38	Yrs
37 168	48 476	1667						7 Day MA Vaccs per day	107 175	1,03	Yrs
Deaths Ages	Deaths	Deaths	Avg	Median	Cum Deaths	Yesterday		Total to date:	<b>17 505 358</b>		
62,6	57,3	0,2	57,3	57,3	99 807	152	% of RSA PoP who have died to date : Reported Deaths      Incl Excess Deaths				
							0,17%      0,439%				
							% of RSA PoP who have died to date PROJECTED to end 2021: Reported Deaths      Incl Excess Deaths				
							0,22%      0,54%				



Data as at: **30 September 2021**

Unless otherwise indicated

hdg      01 October 2021

**Covid**  
reproduction

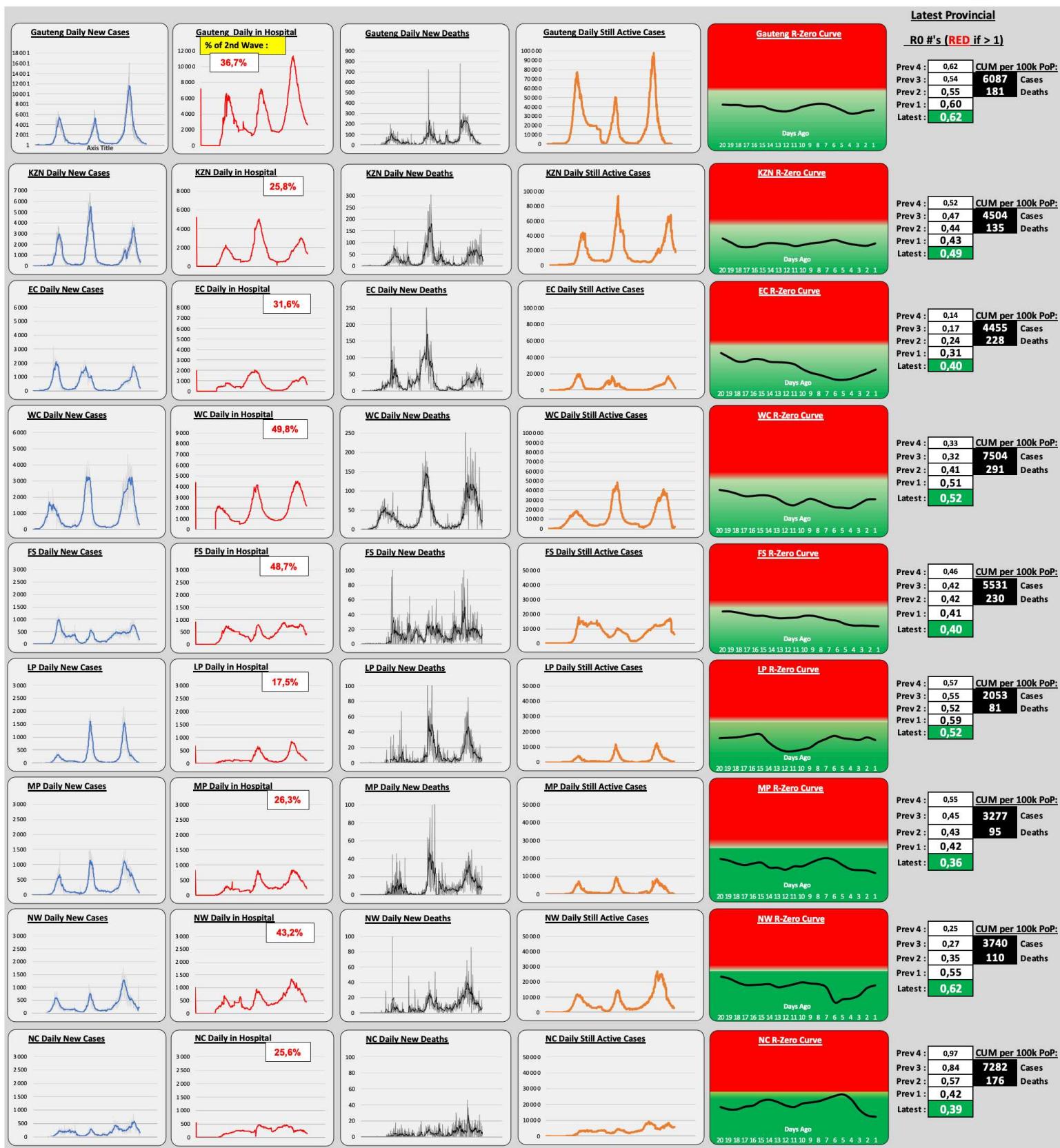
## RSA R0 #

Four days ago :	0,53
Three days ago :	0,50
Two days ago :	0,47
Yesterday :	0,62
Today :	<b>0,62</b>

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.

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

Page 1.1



Data as at: 30 September 2021

Unless otherwise indicated

hdg

01 October 2021

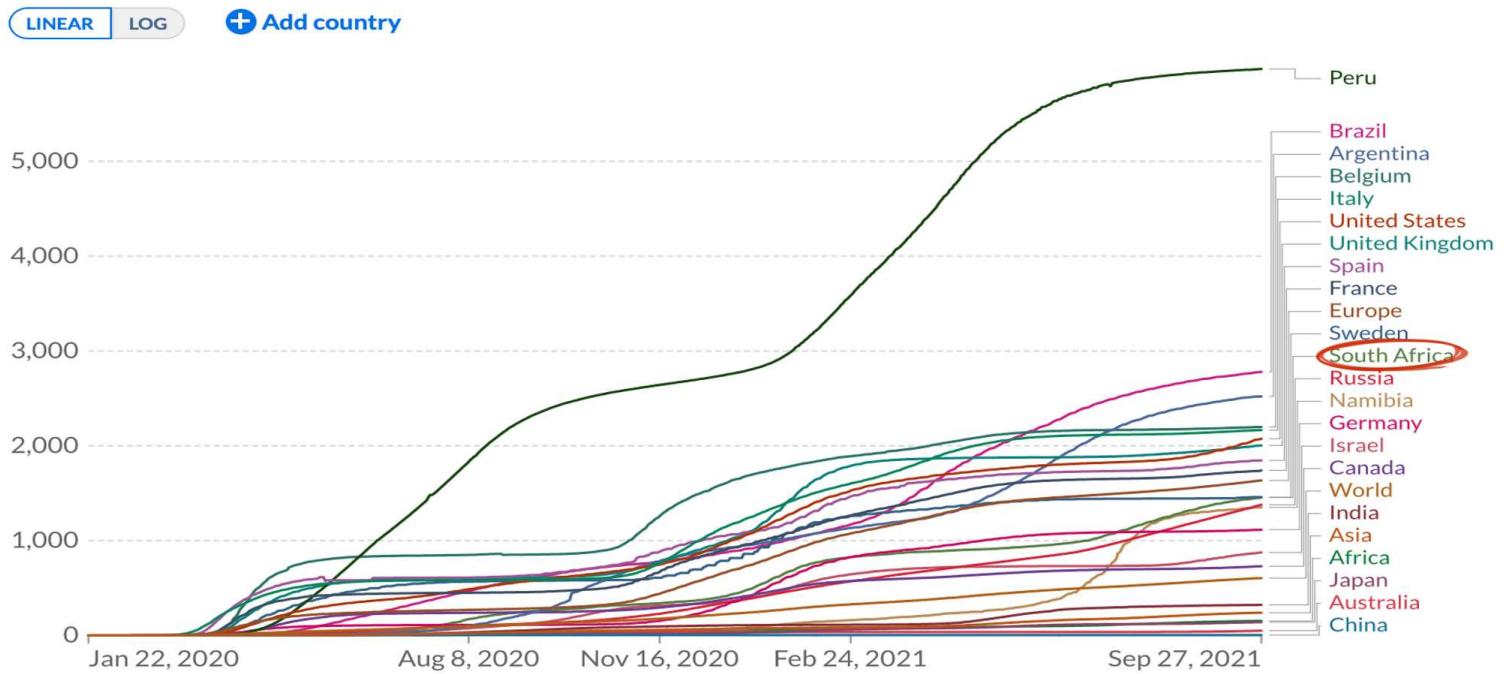
## Selected Countries' Reported Deaths per mill PoP

Page 2

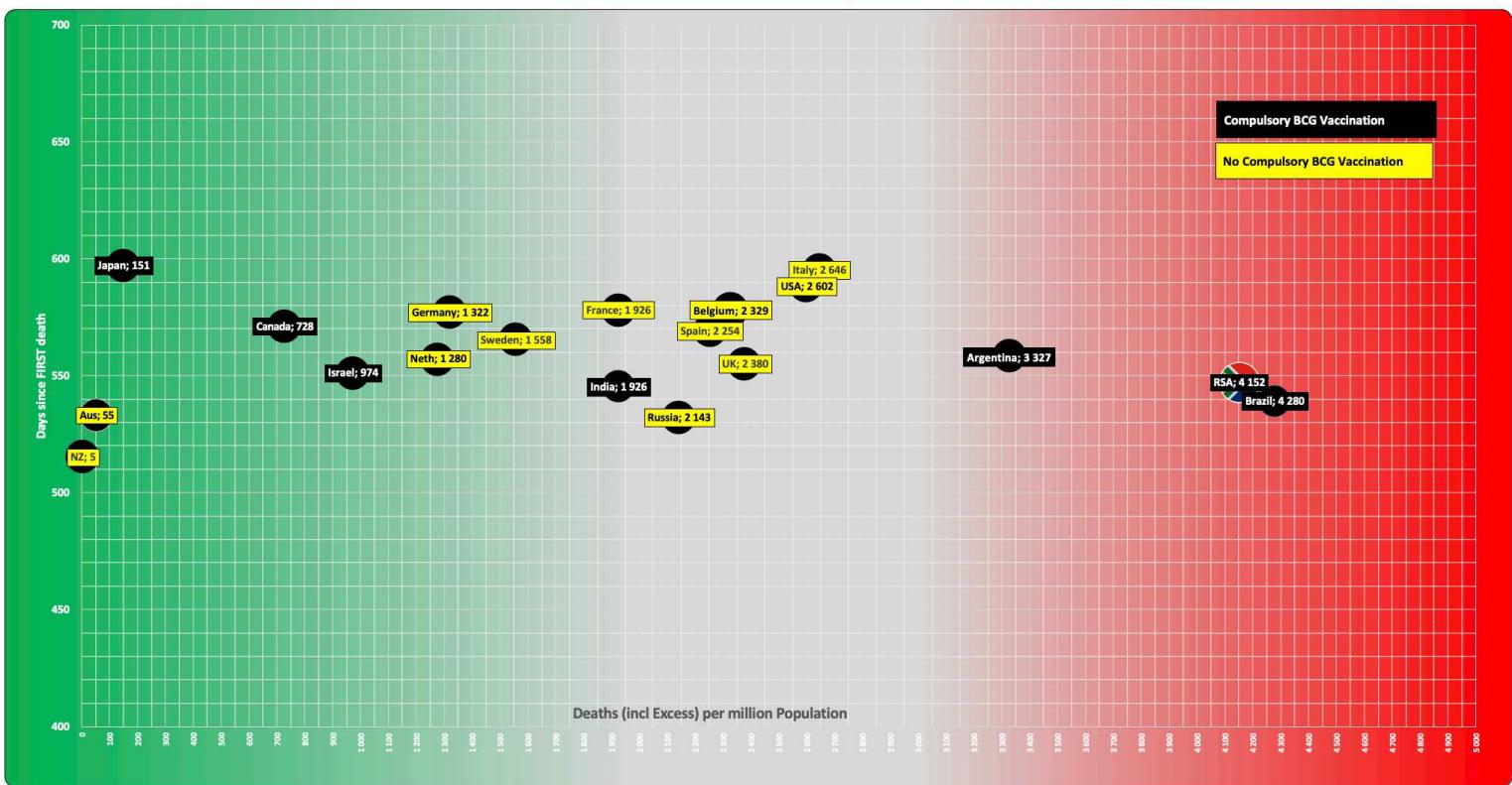
### Cumulative confirmed COVID-19 deaths per million people

Limited testing and challenges in the attribution of the cause of death means that the number of confirmed deaths may not be an accurate count of the true number of deaths from COVID-19.

Our World  
in Data



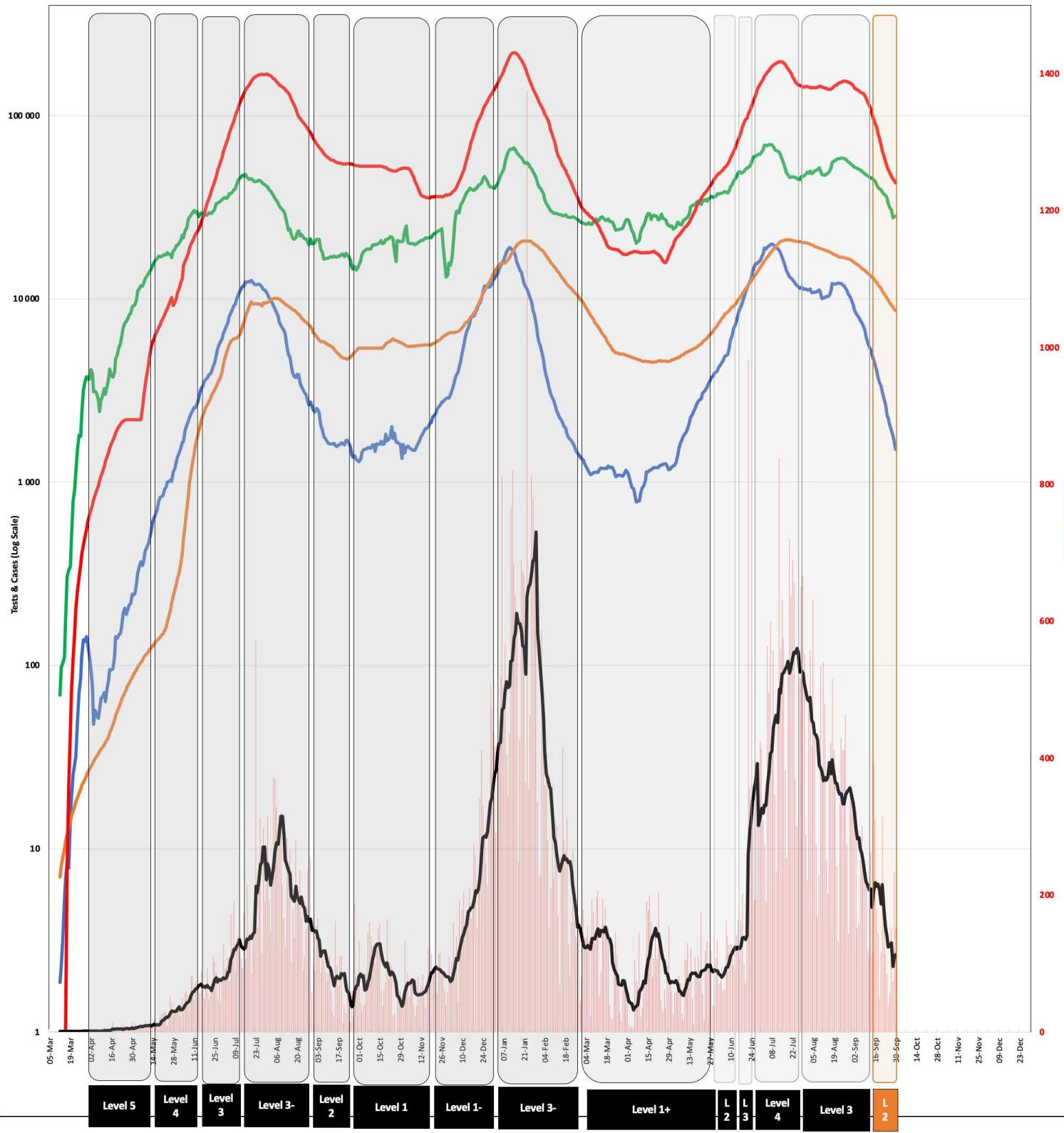
### Selected Countries' Deaths incl Excess Deaths per mill PoP (where data available)



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

Page 2.1

Daily Tests      Daily Cases      In Hospital      Active Cases      Daily Deaths



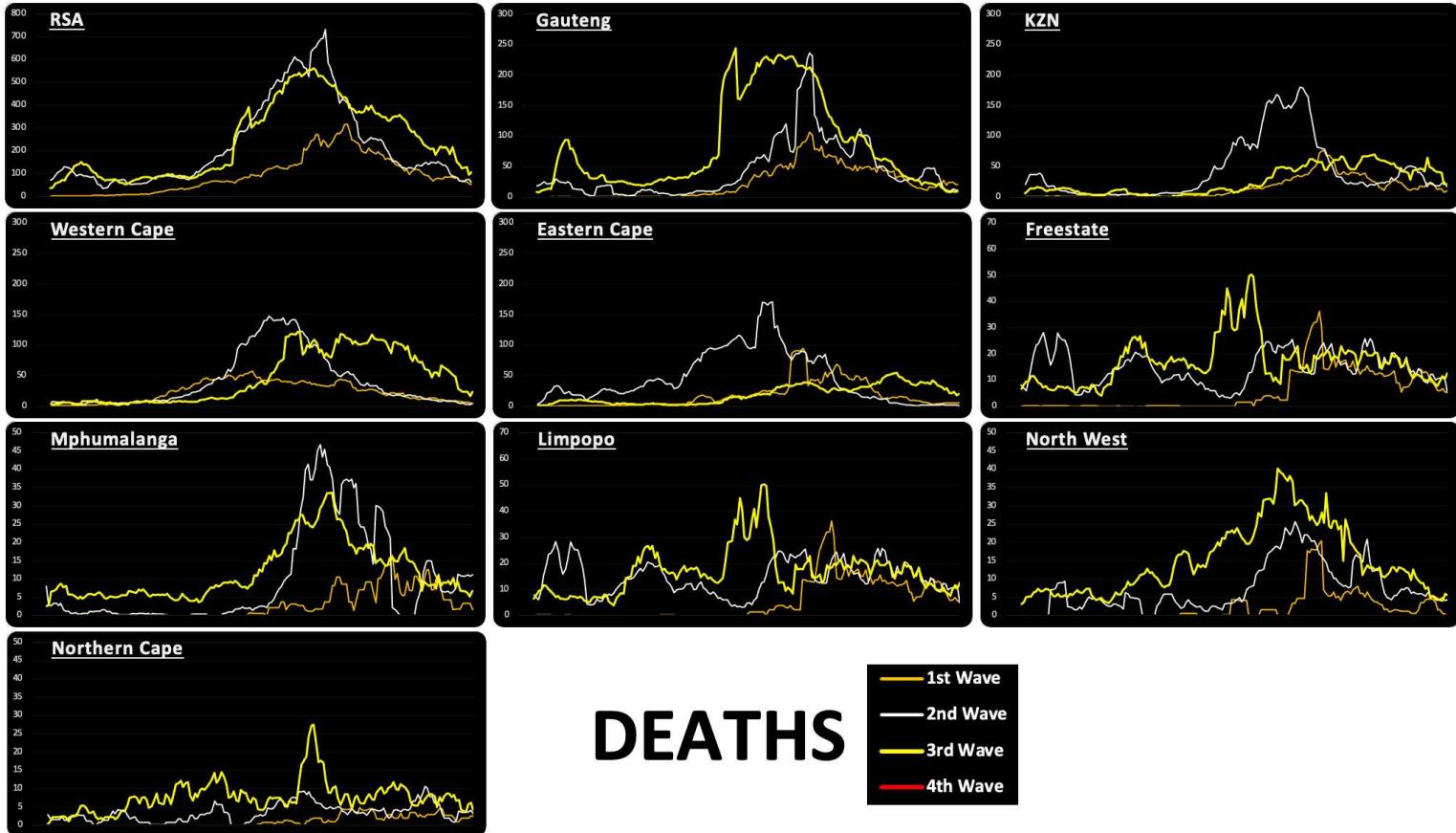
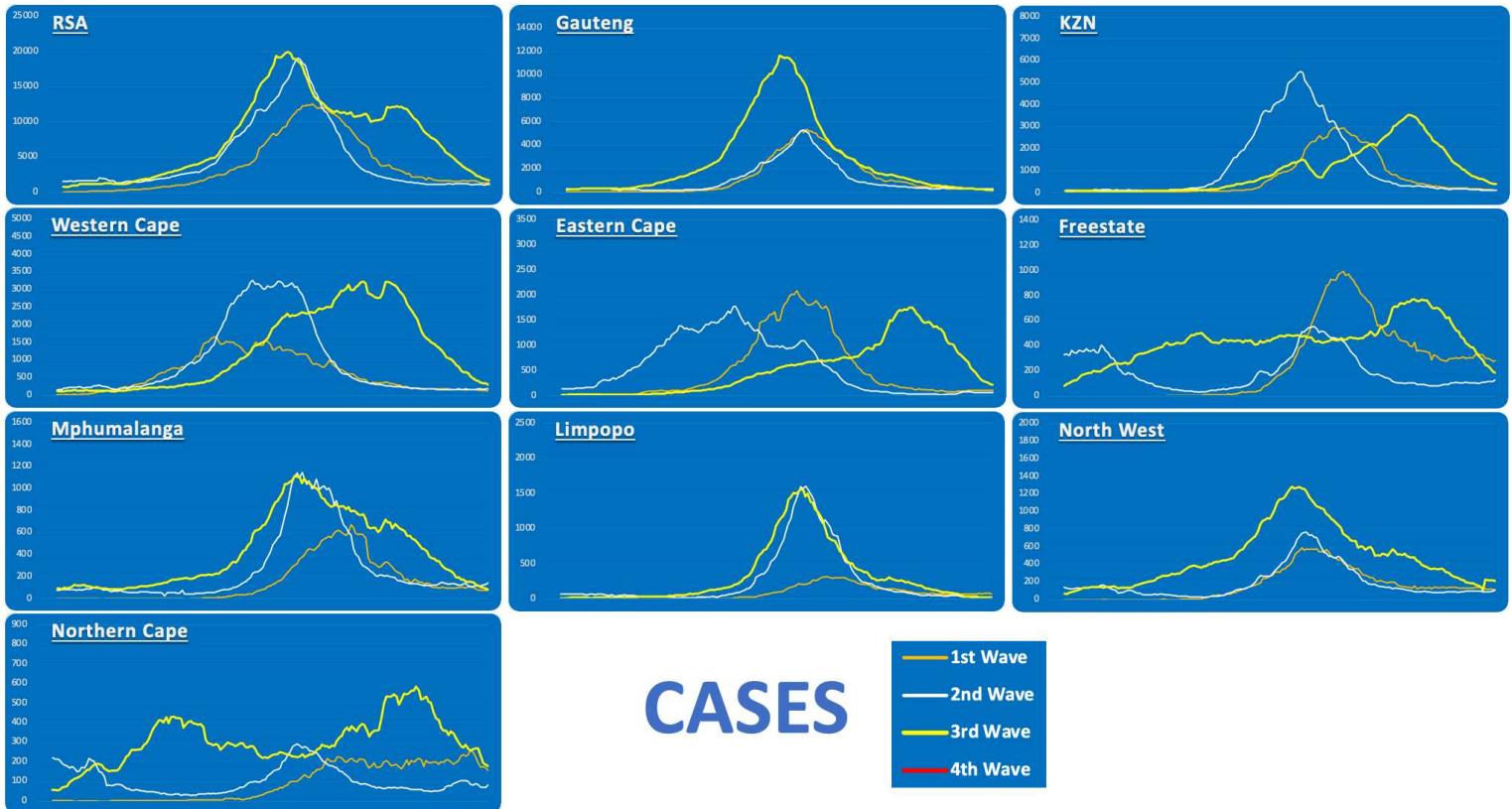
Data as at: 30 September 2021

Unless otherwise indicated

hdg 01 October 2021

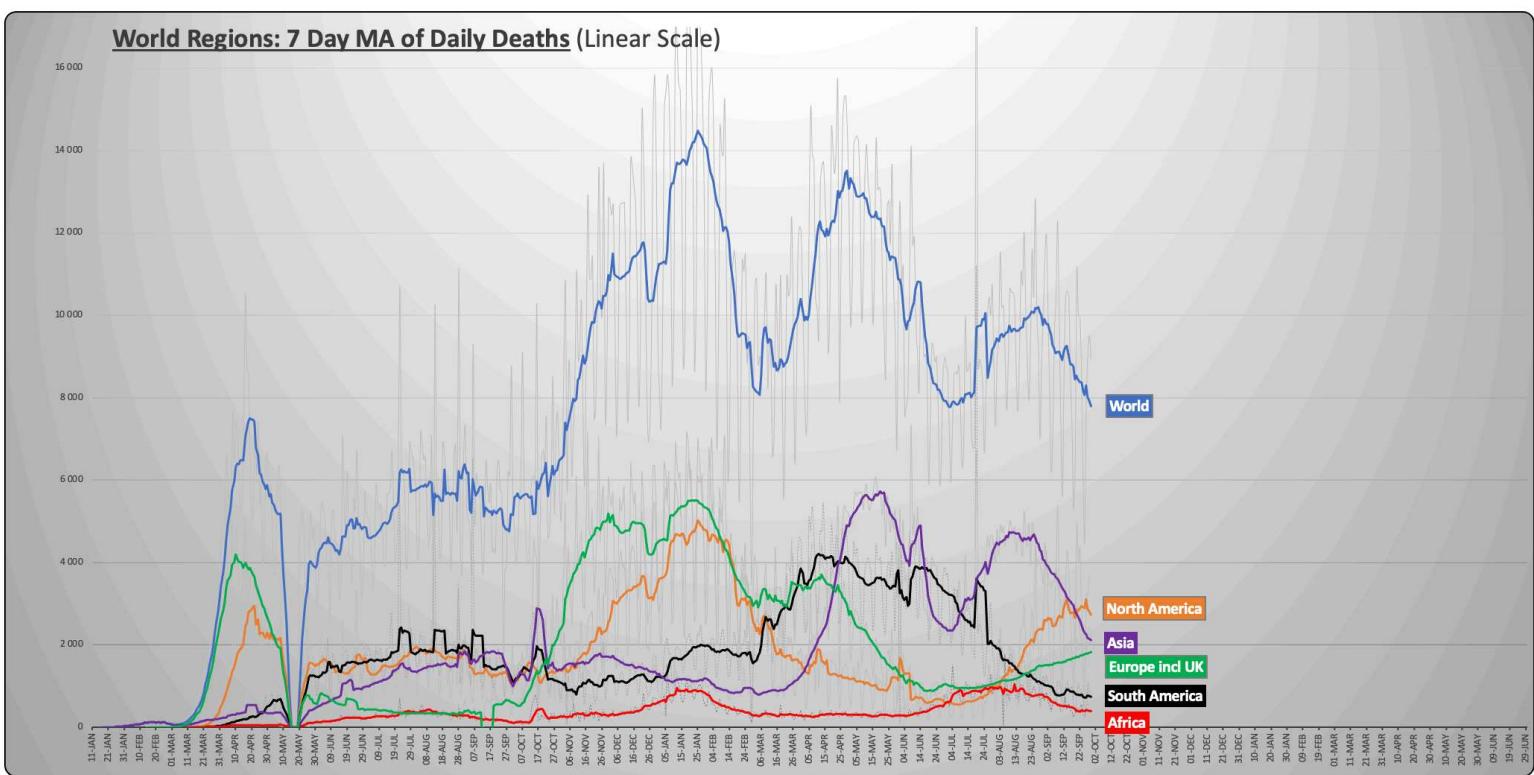
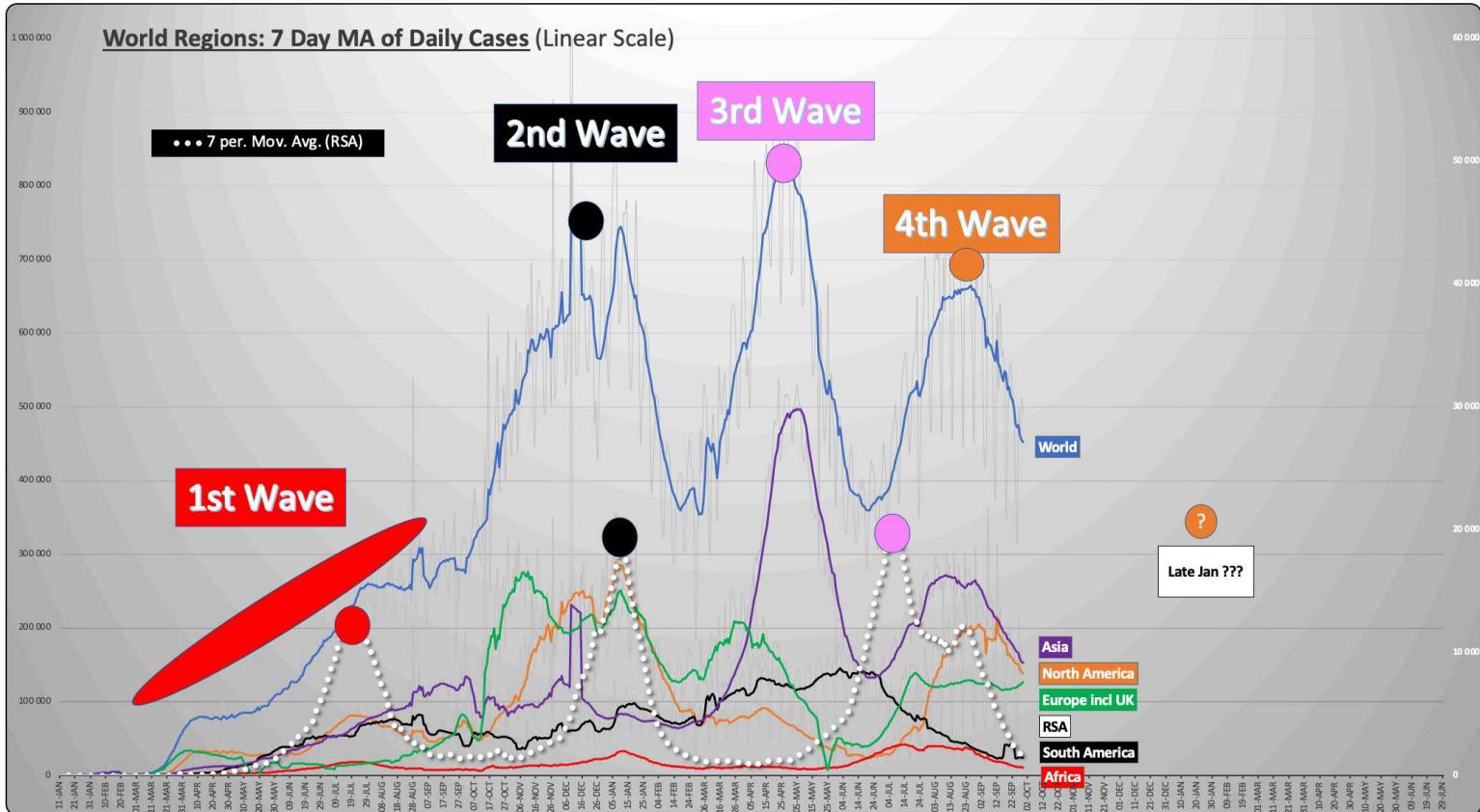
## 1st / 2nd / 3rd & 4th Wave OVERLAYS (CASES & DEATHS) 7 Day MA

Page 2.2



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

Page 3.0



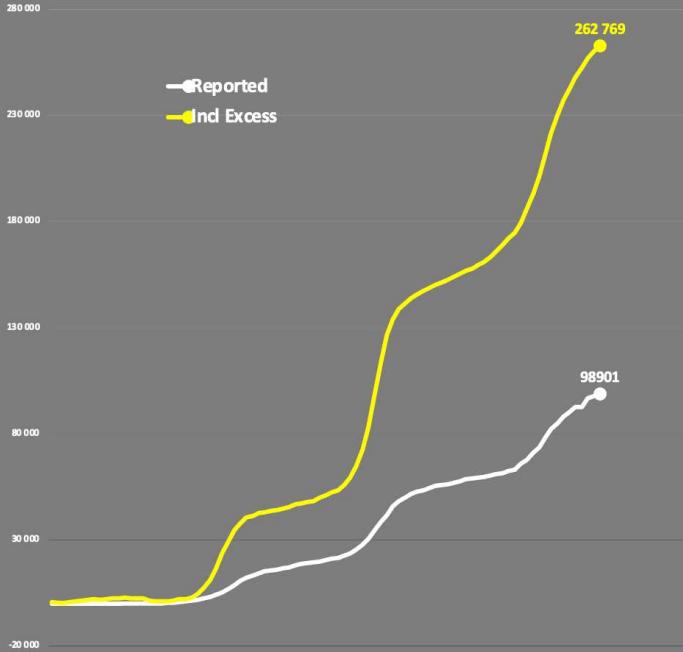
## RSA Cum & Projected Deaths (Reported & Incl Excess)

As at : 11 September 2021

Page 4

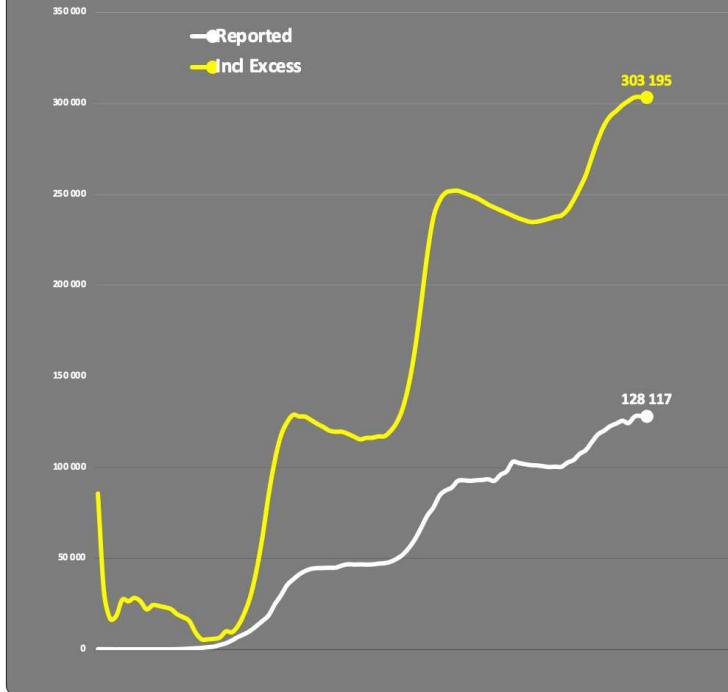
### RSA CUM DEATHS (updated weekly)

Assuming 90% of Excess Deaths are Covid related.

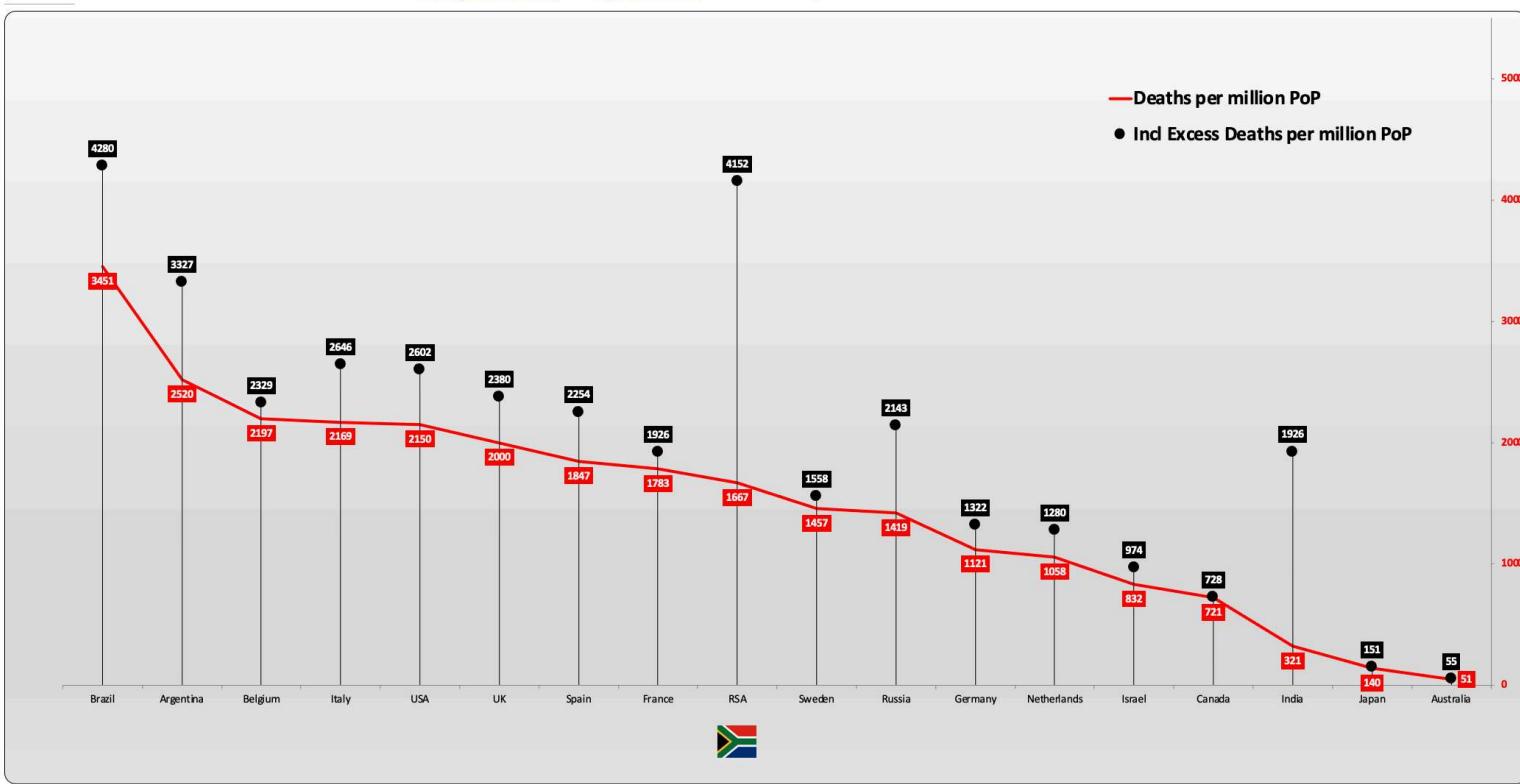


### RSA COVID DEATHS PROJECTED TO end 2021

Assuming 90% of Excess Deaths are Covid related.



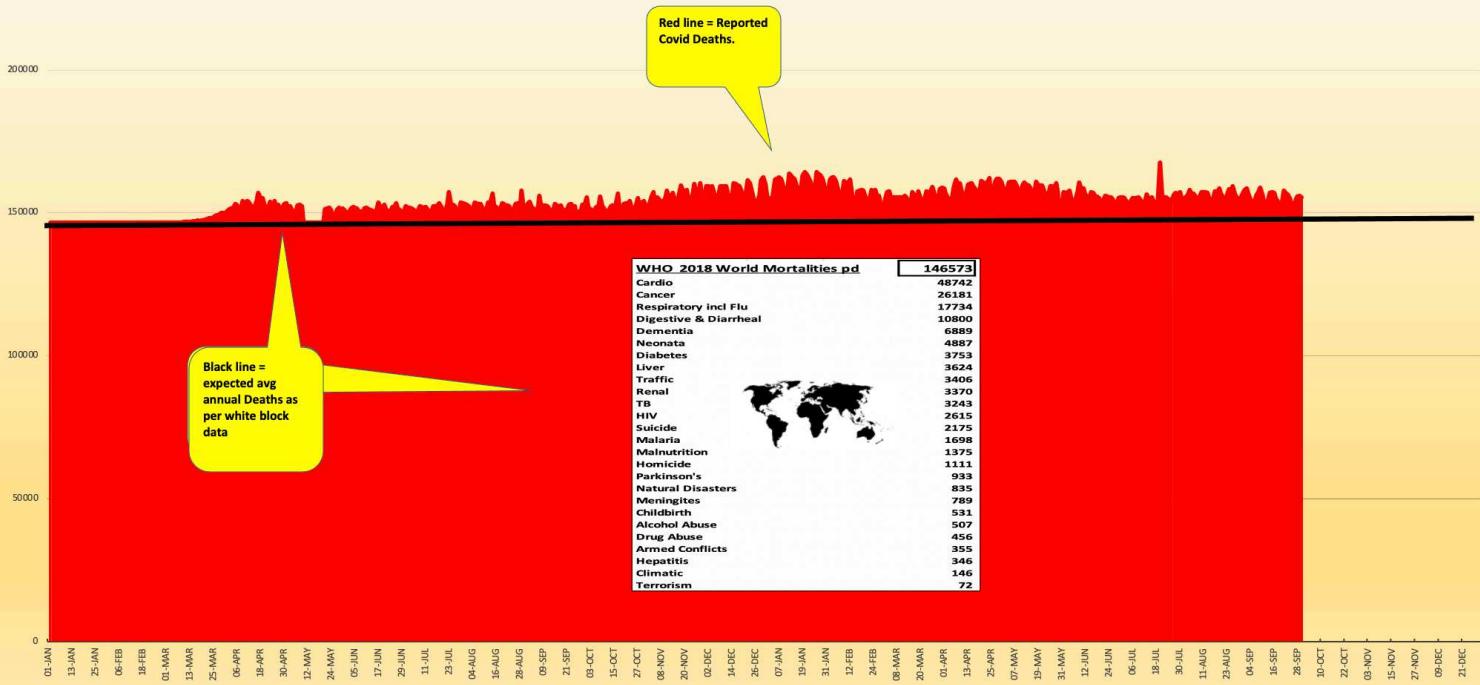
## Selected Countries' Current Reported & Excess Deaths per million PoP



25 000

## Avg "normal" DAILY WORLD Mortalities v COVID Reported Daily Deaths (Linear Scales)

Page 4.1



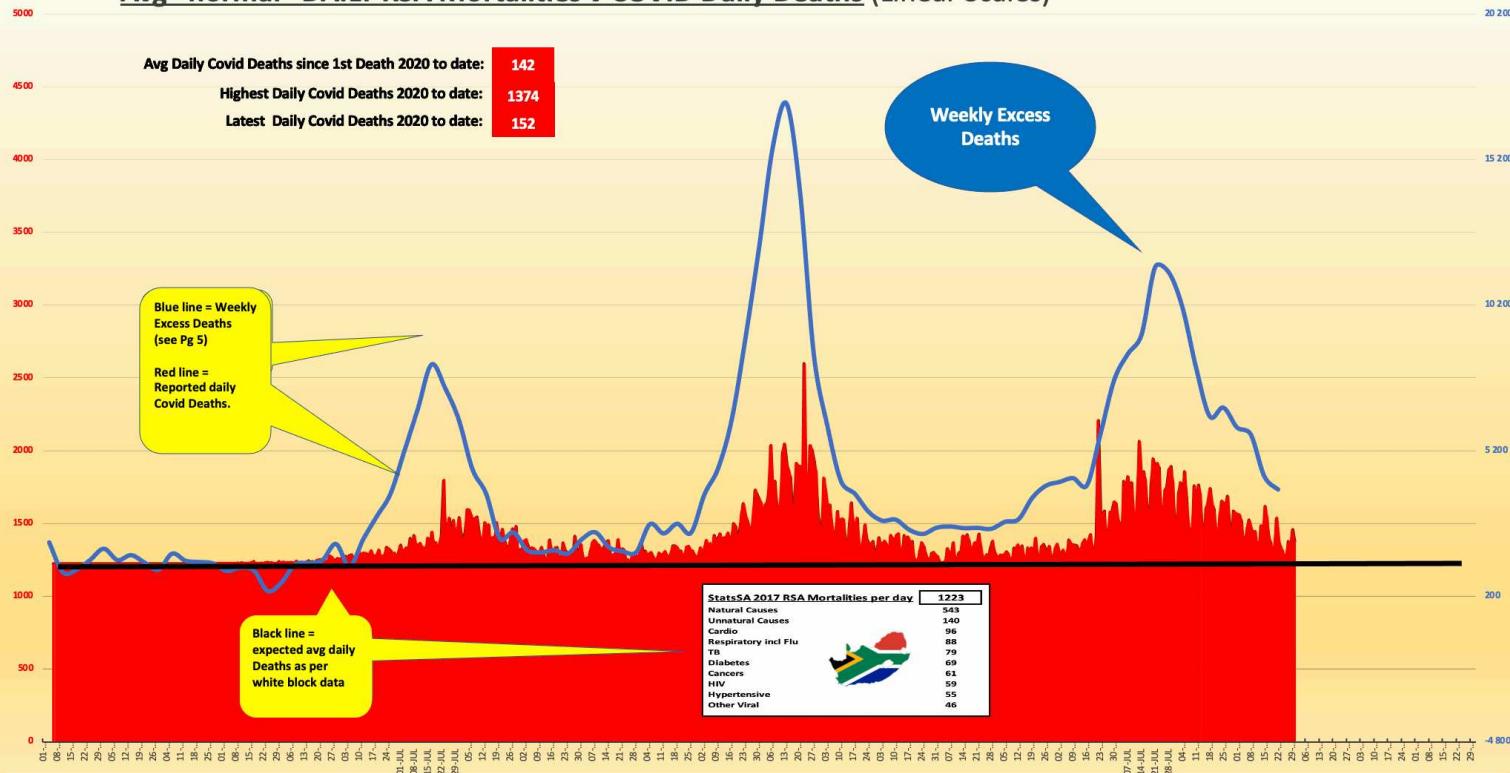
The two graphs WORLD (above) and RSA (below) attempt to put the number of Covid Deaths into some sort of perspective graphically.

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.

## Avg "normal" DAILY RSA Mortalities v COVID Daily Deaths (Linear Scales)



Data as at:

30 September 2021

Unless otherwise indicated

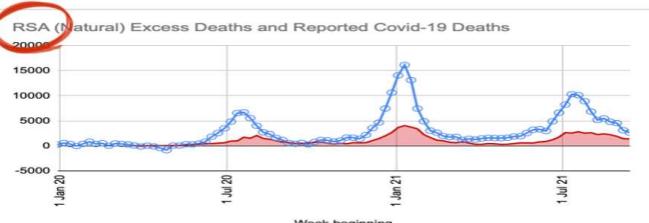
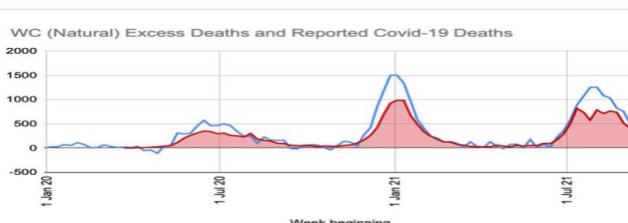
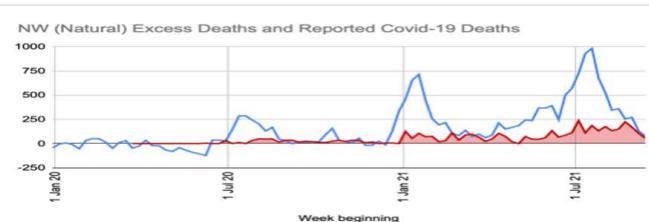
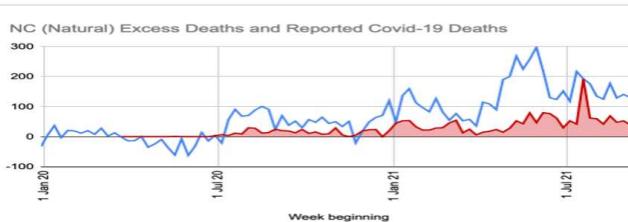
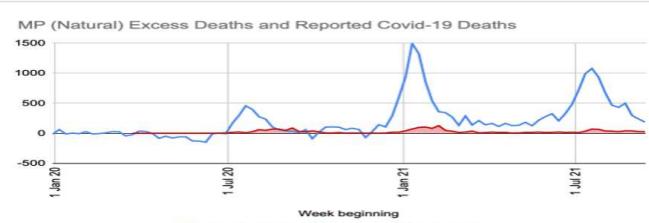
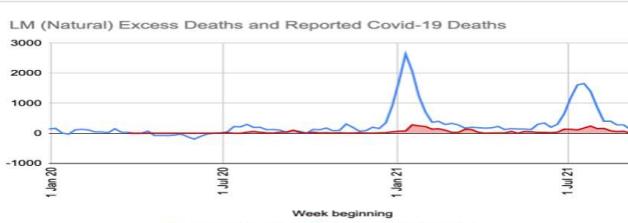
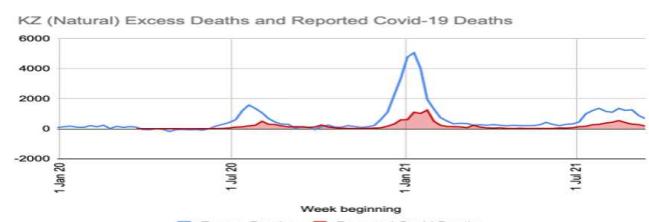
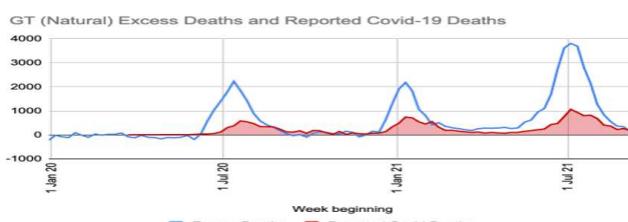
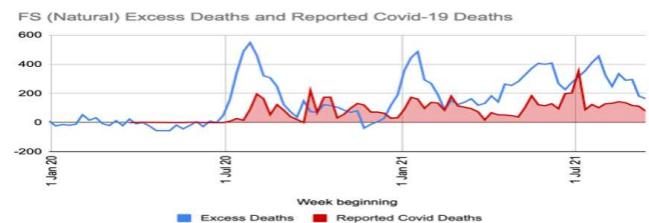
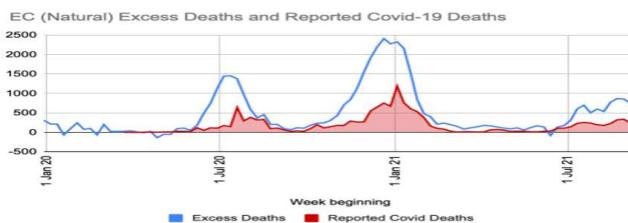
hdg 01 October 2021

## RSA Excess Deaths as per SA Medical Research Council

As at: 25 September 2021

Page 4.2

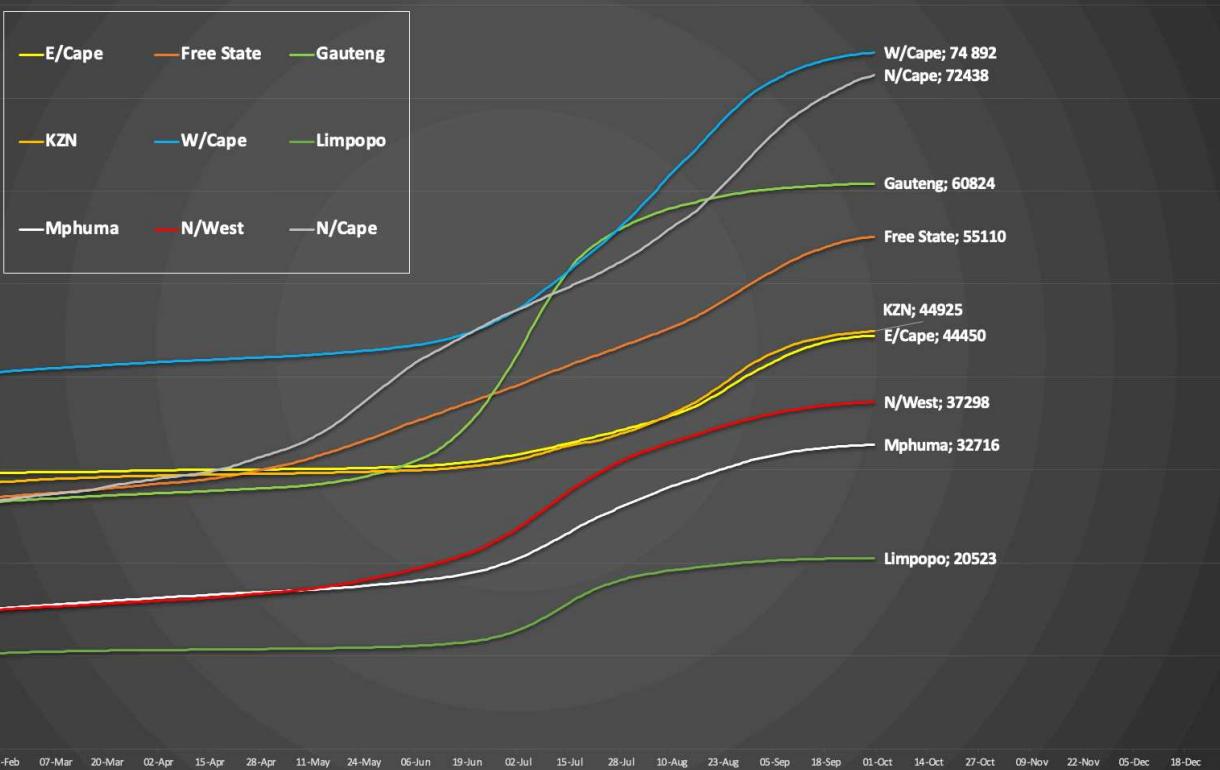
### Provinces



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).

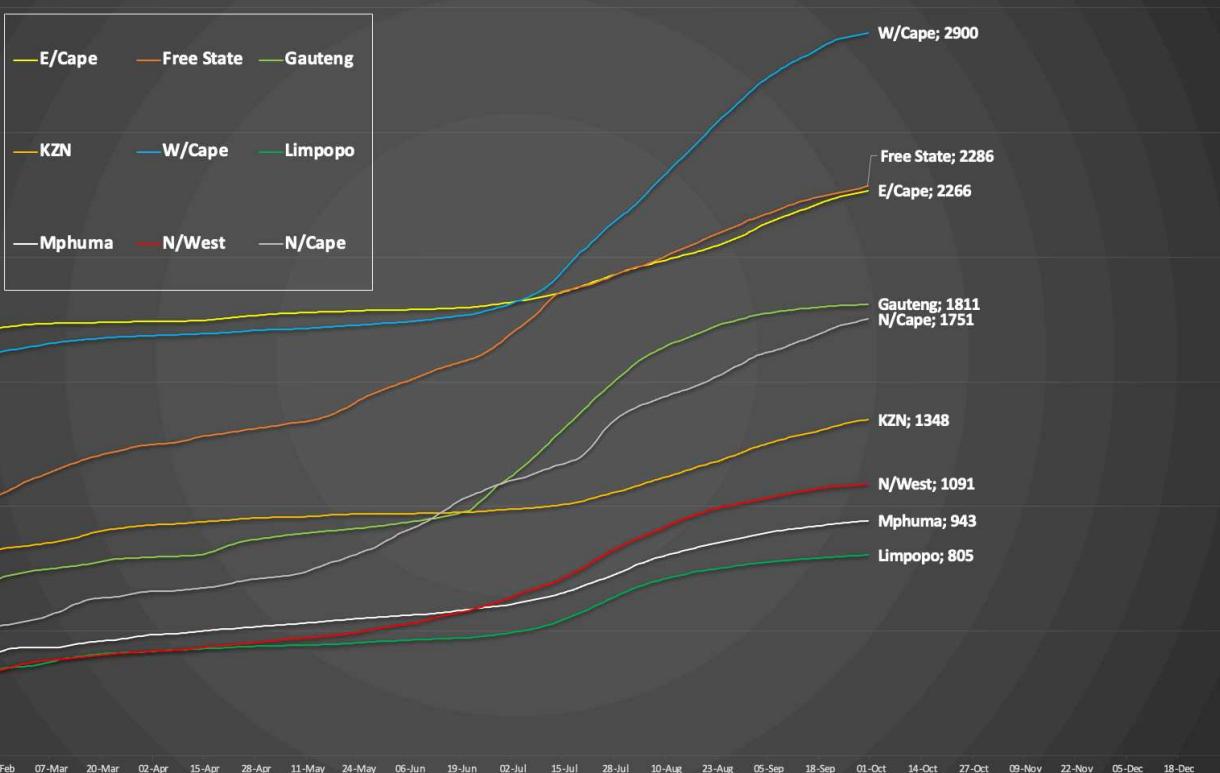
**Reported CUM CASES per mill PoP**

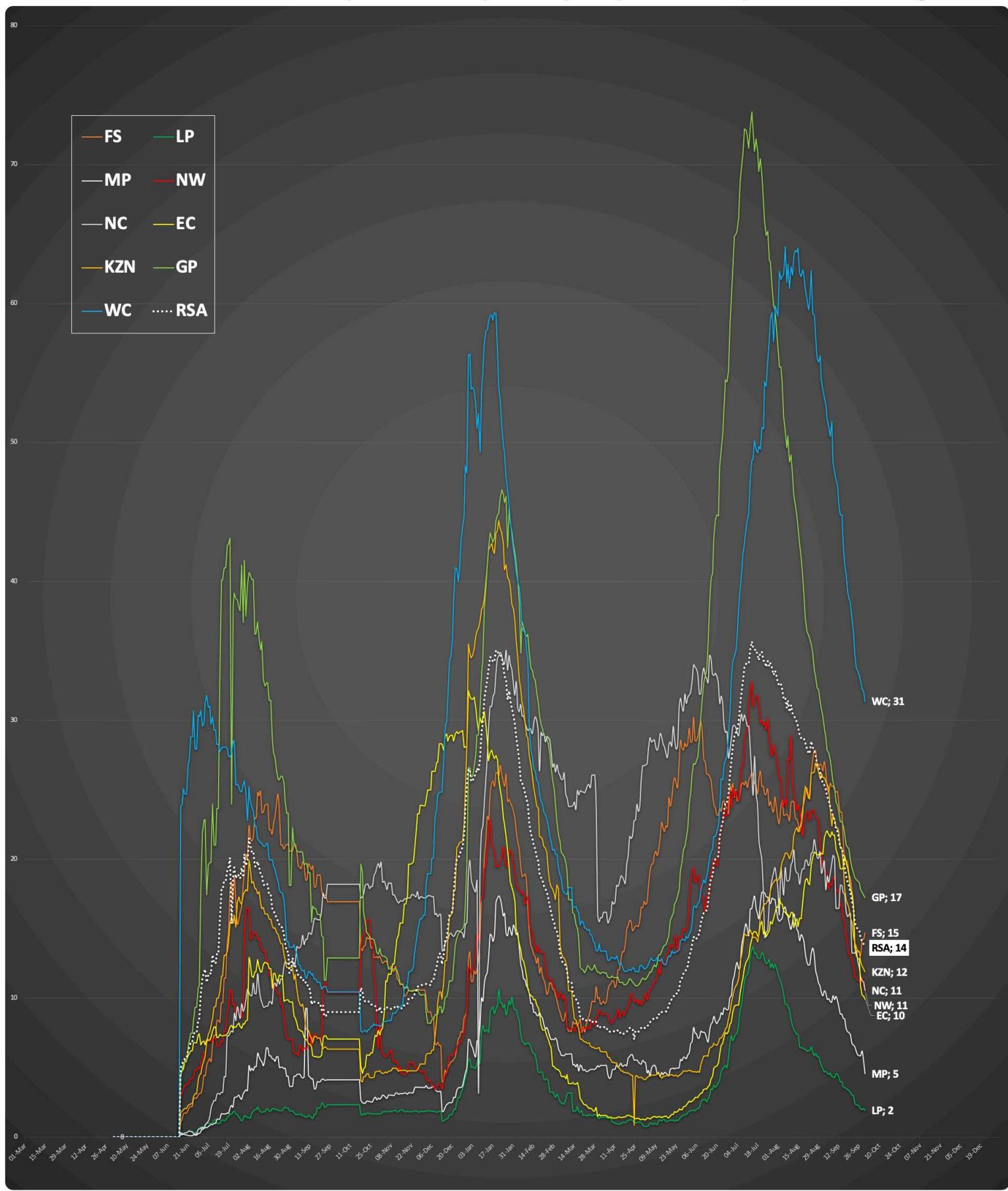
Jan to Dec 2021 7 Day MA

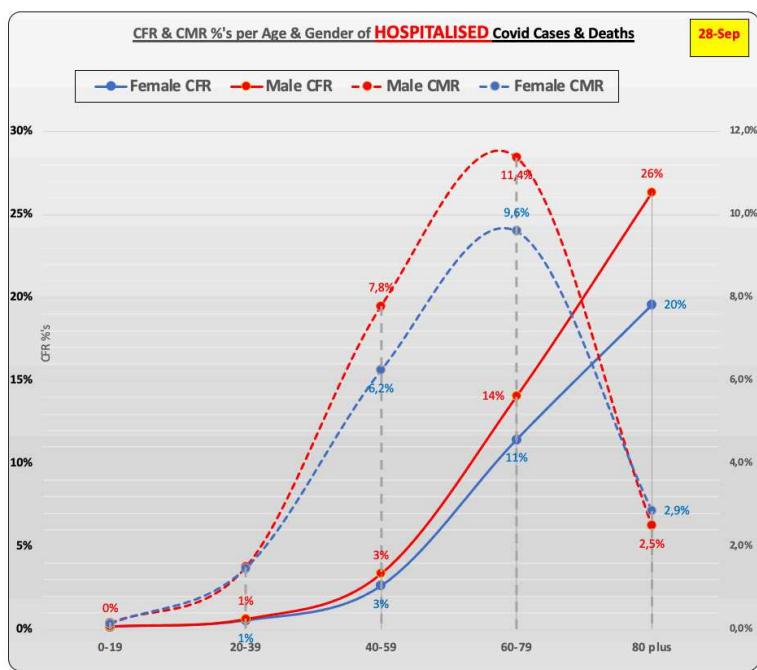
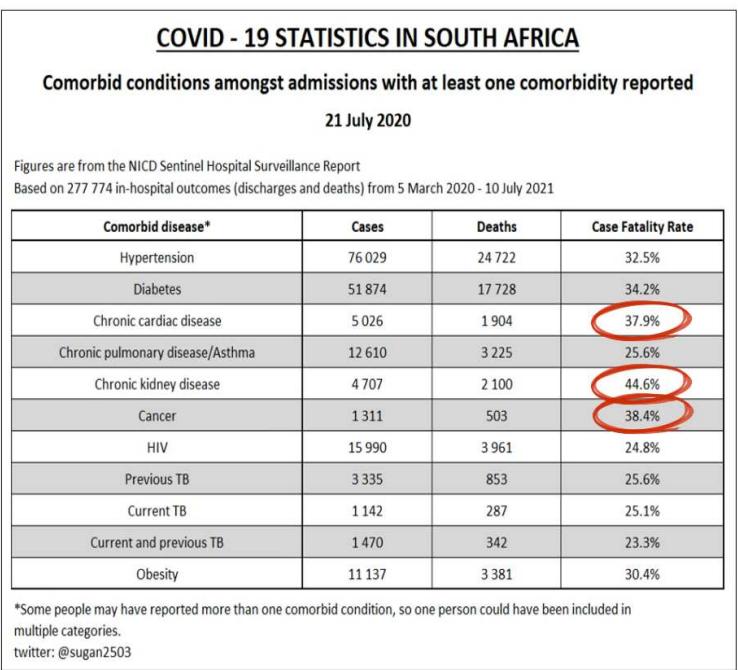
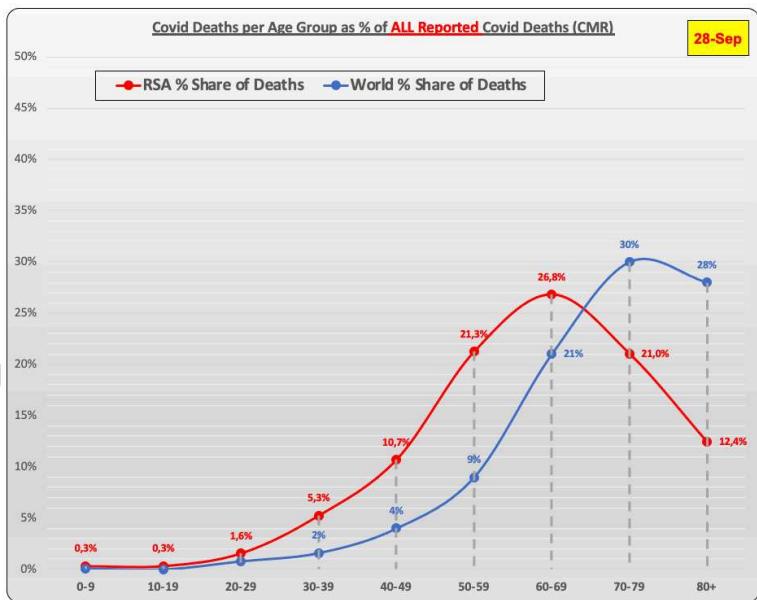
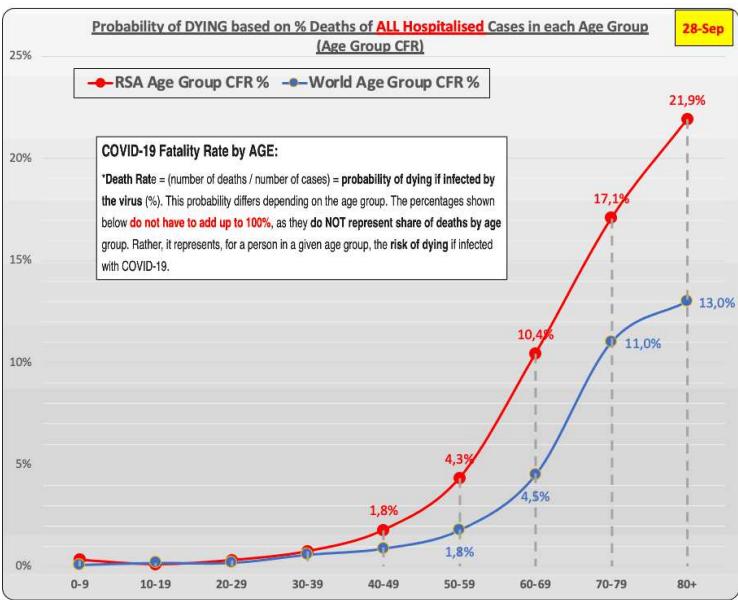
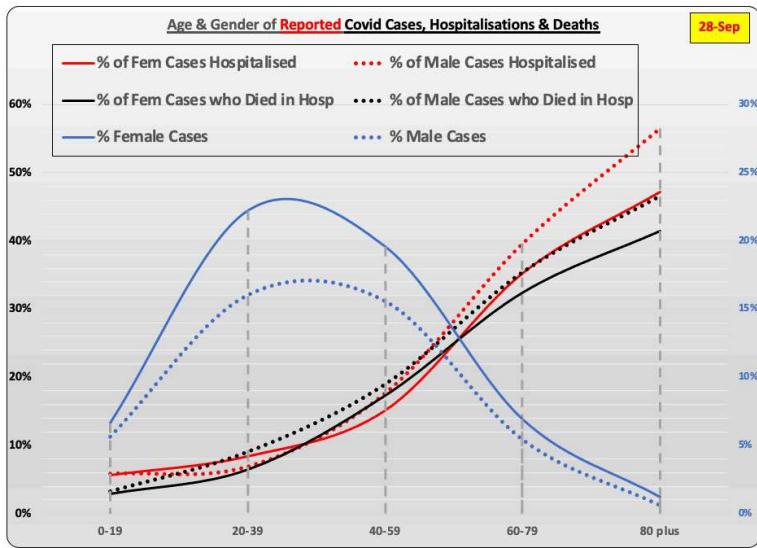
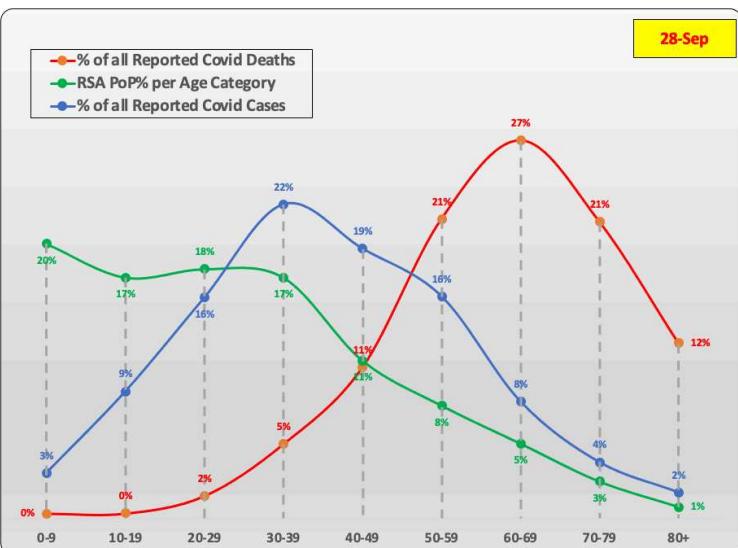


**Reported CUM DEATHS per mill PoP**

Jan to Dec 2021 7 Day MA



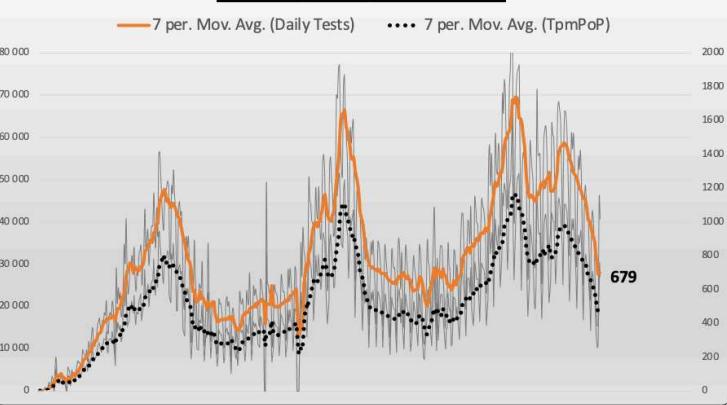




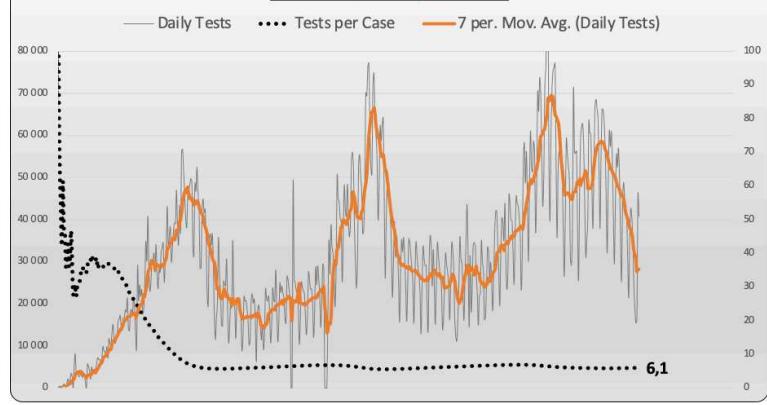
## RSA Key Ratios & Comparators (all graphs from Jan 2020)

Page 6.1

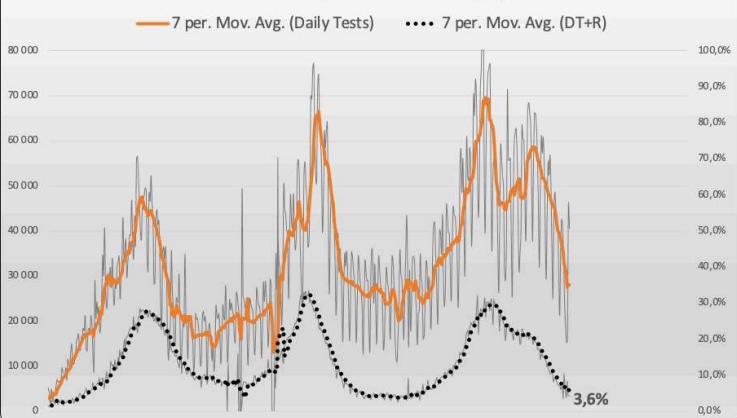
### RSA: Daily Tests per million PoP



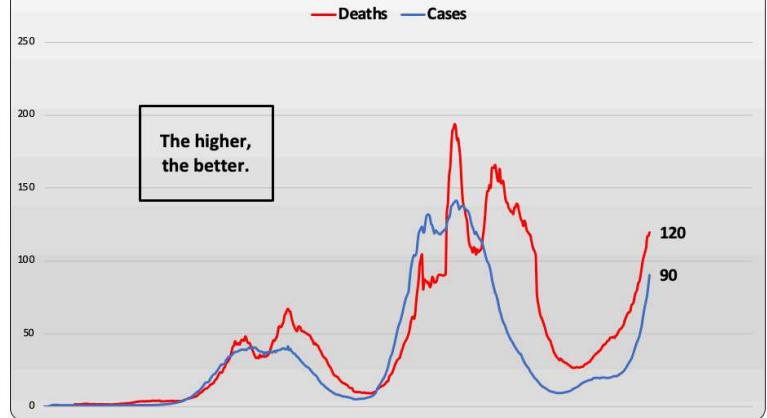
### RSA: Daily Tests per +Case



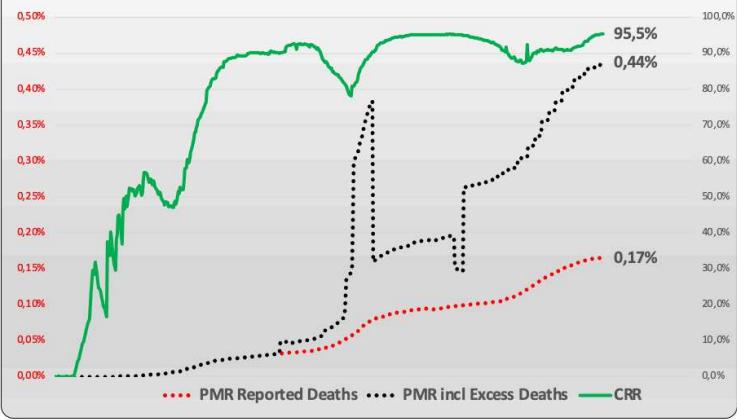
### RSA: Daily Tests Positivity %



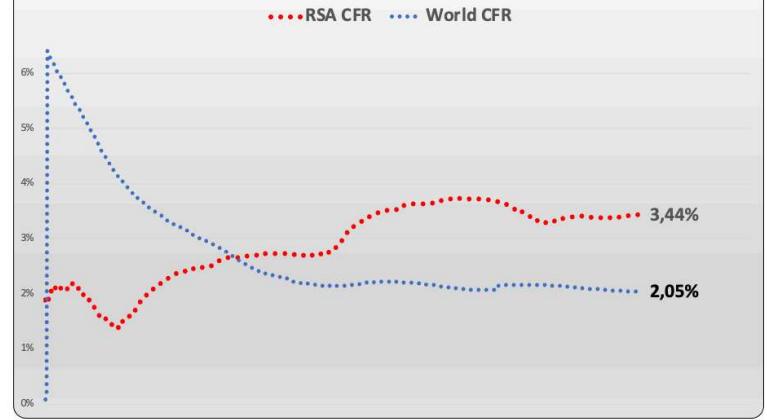
### RSA Doubling Times in Days



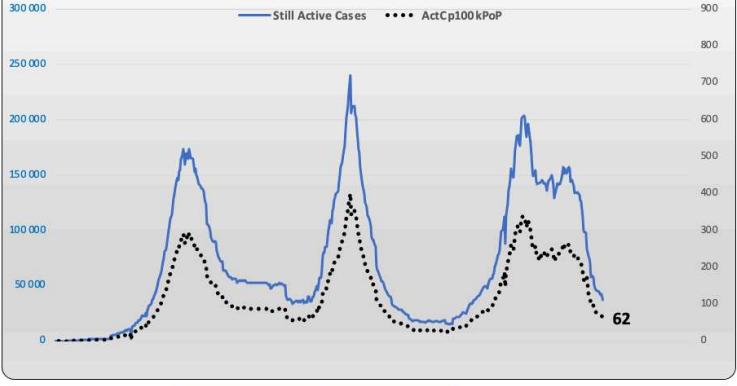
### RSA: Case Recovery Rate (CRR) & PoP Covid Mortality Rate



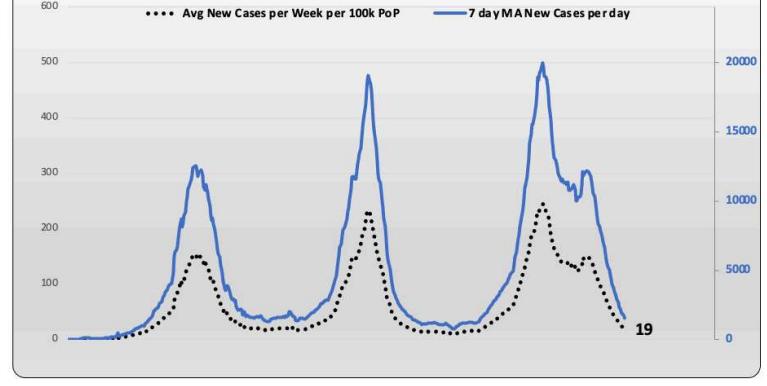
### Covid Reported Deaths as % of Reported Cases (CFR)



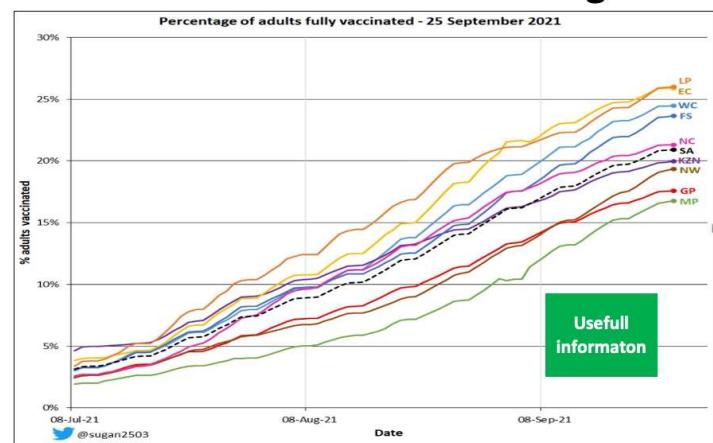
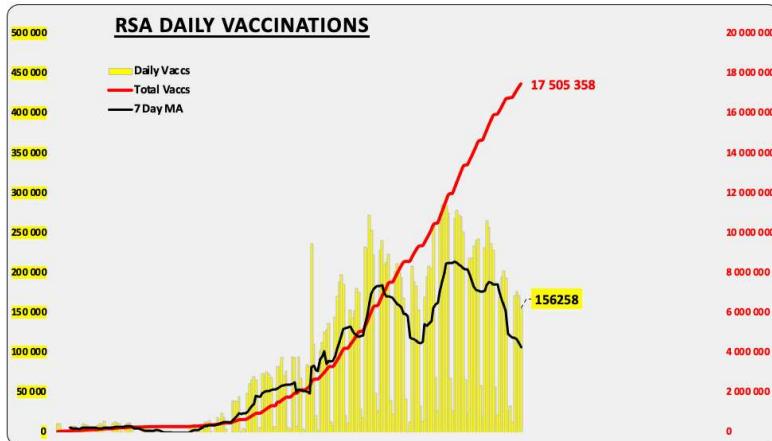
### RSA: Still Active Reported Cases per 100k PoP



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

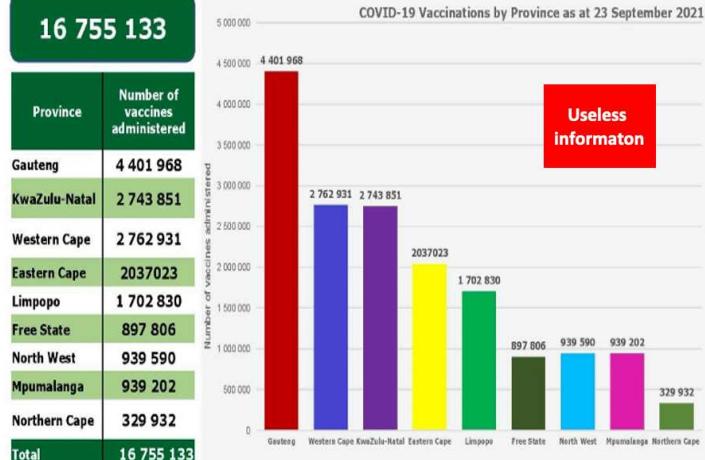


## Vaccination Data



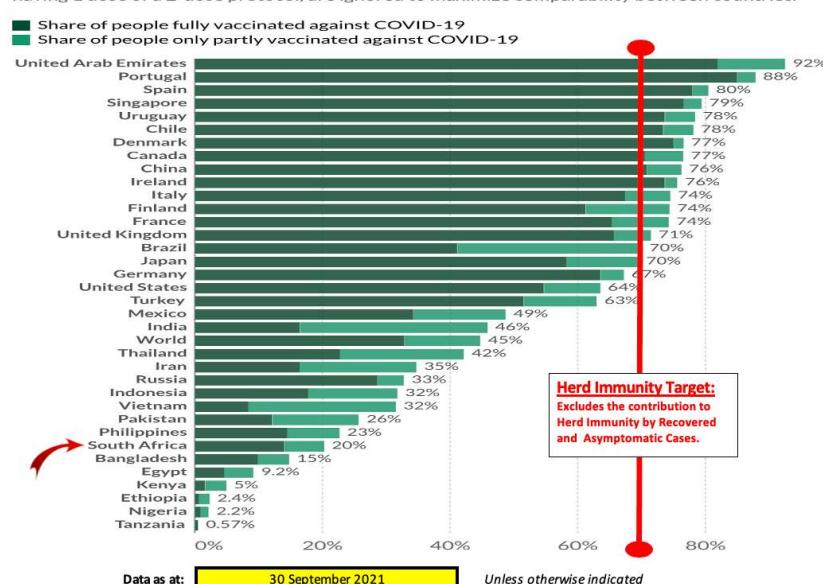
### National: Vaccination Status Report as at 23 September 2021

**16 755 133**



### Selected countries who publish their VAC data

Share of people vaccinated against COVID-19, Sep 27, 2021  
Alternative definitions of a full vaccination, e.g. having been infected with SARS-CoV-2 and having 1 dose of a 2-dose protocol, are ignored to maximize comparability between countries.



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

Total Vacs to date:

17 505 358

Avg Vacs per day: 79 933

Avg Vacs per day over the last 7 days : 107 175

Fully Vaccsd : 479 768

Phase 1 : Health Care Workers

Single & Double Doses : 17 025 590

Phase 2 plus

Herd Immunity Target : 40 400 000

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 Vacs Program	<b>1,38</b>	Years
Time to achieve Herd Immunity at daily rate of Vaccinations over the past 7 DAYS	<b>1,03</b>	Years

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

## Some food for thought.....



### Conspiracy Theory Defined:

- 1) A belief that a consensus of the world's scientific experts missed something they've spent their lives researching—that you were able to uncover in seventeen minutes due to superior Googling skills.
- 2) A belief that decades of medical research, carried out by people committed to caring for humanity—are secretly and irredeemably evil—and have been exposed by random people you've never heard of, making claims with no evidence, on sites with dubious credibility.

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.**