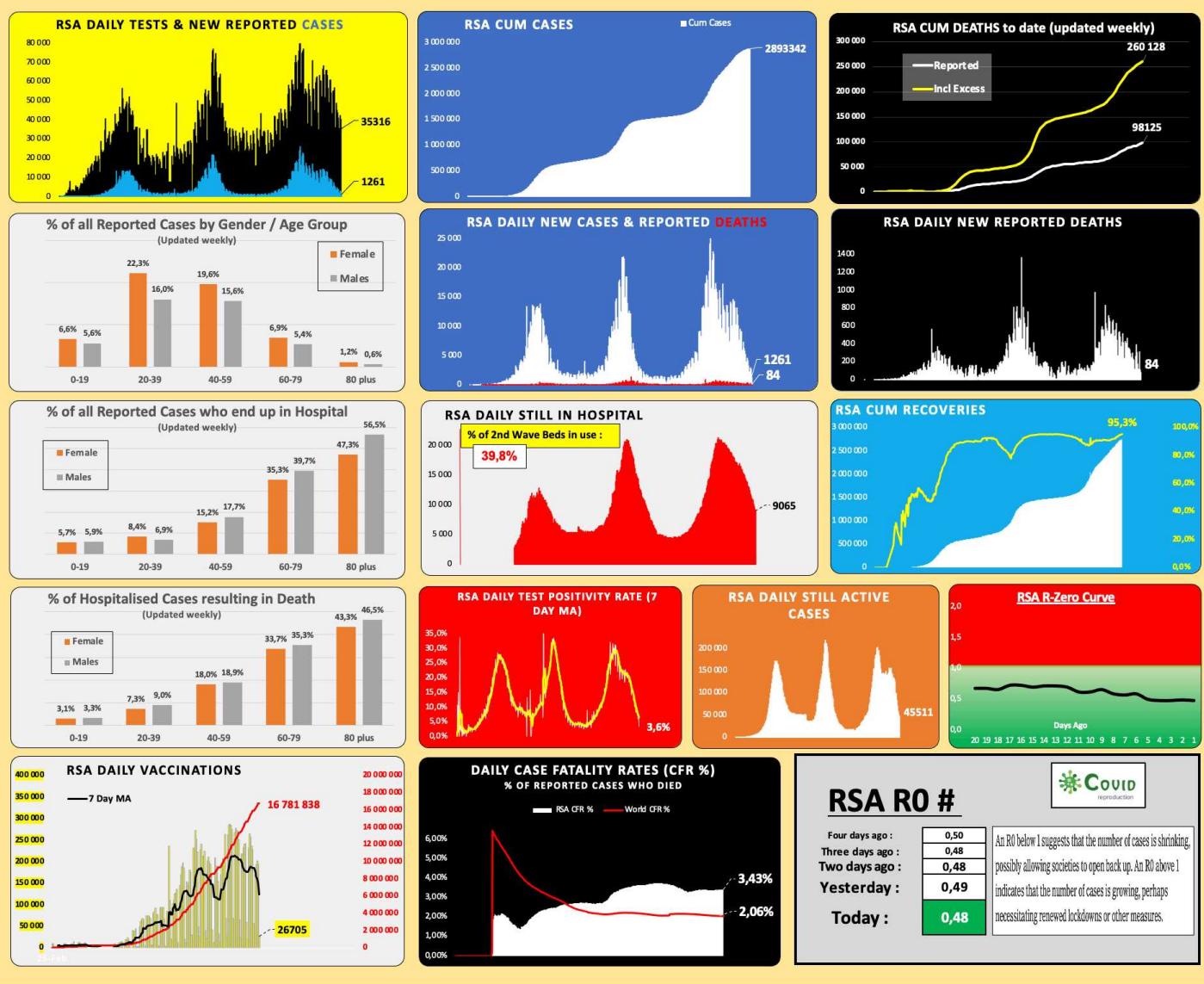


# HarryG COVID-19 StatsPack

Page 1

Deteriorating Improving

Cum Cases		Daily Cases		RSA COVID-19 DASHBOARD as at: <b>24-Sep-21</b>	Daily Still in Hospital	Case Fatality Rates (CFR): Reported Cases      Hospital Cases		Vaccinations:		Time to achieve Govt Target of 41m vaccs
2 893 342	1 261	9065	3,43%	21,49%	Daily Avg	78 788	1,40	Yrs		
Still Active +Cases	Cum Cases p mill PoP	Cum Deaths p mill PoP			% of RSA PoP who have died to date : Reported Deaths      Incl Excess Deaths		7 Day MA Vaccs per day	124 103	0,89 Yrs	
45 511	48 321	1655			0,17%      0,434%		Total to date:	16 781 838		
Deaths Ages	Deaths Avg	Deaths Median	Deaths Min Age		% of RSA PoP who have died to date PROJECTED to end 2021: Reported Deaths      Incl Excess Deaths		Cum Tests	Daily Tests		
Avg	Median	Min Age	Max Age		0,22%      0,54%		17 528 759	35 316		
62,6	57,3	0,2	108				Daily Test Positivity Rate:	3,6%		
				21-Sep						



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

Page 1.1



Data as at: 24 September 2021

Unless otherwise indicated

hdg

25 September 2021

## Selected Countries' Reported Deaths per mill PoP

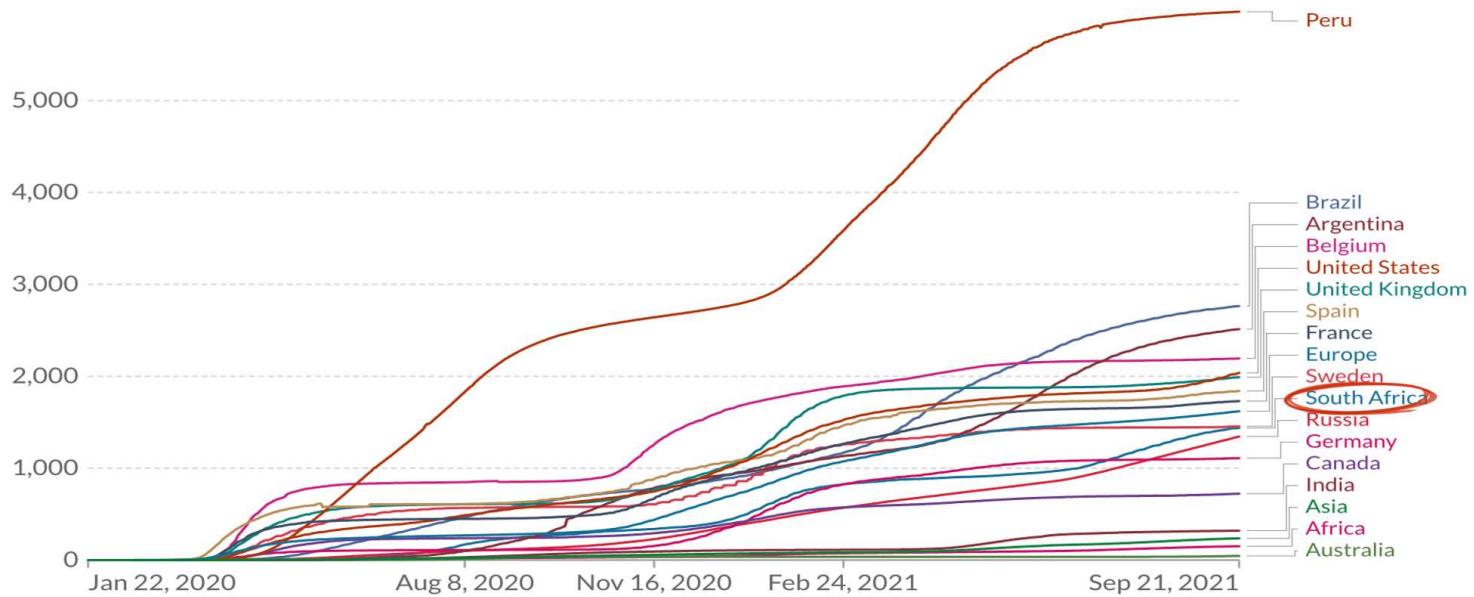
Page 2

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

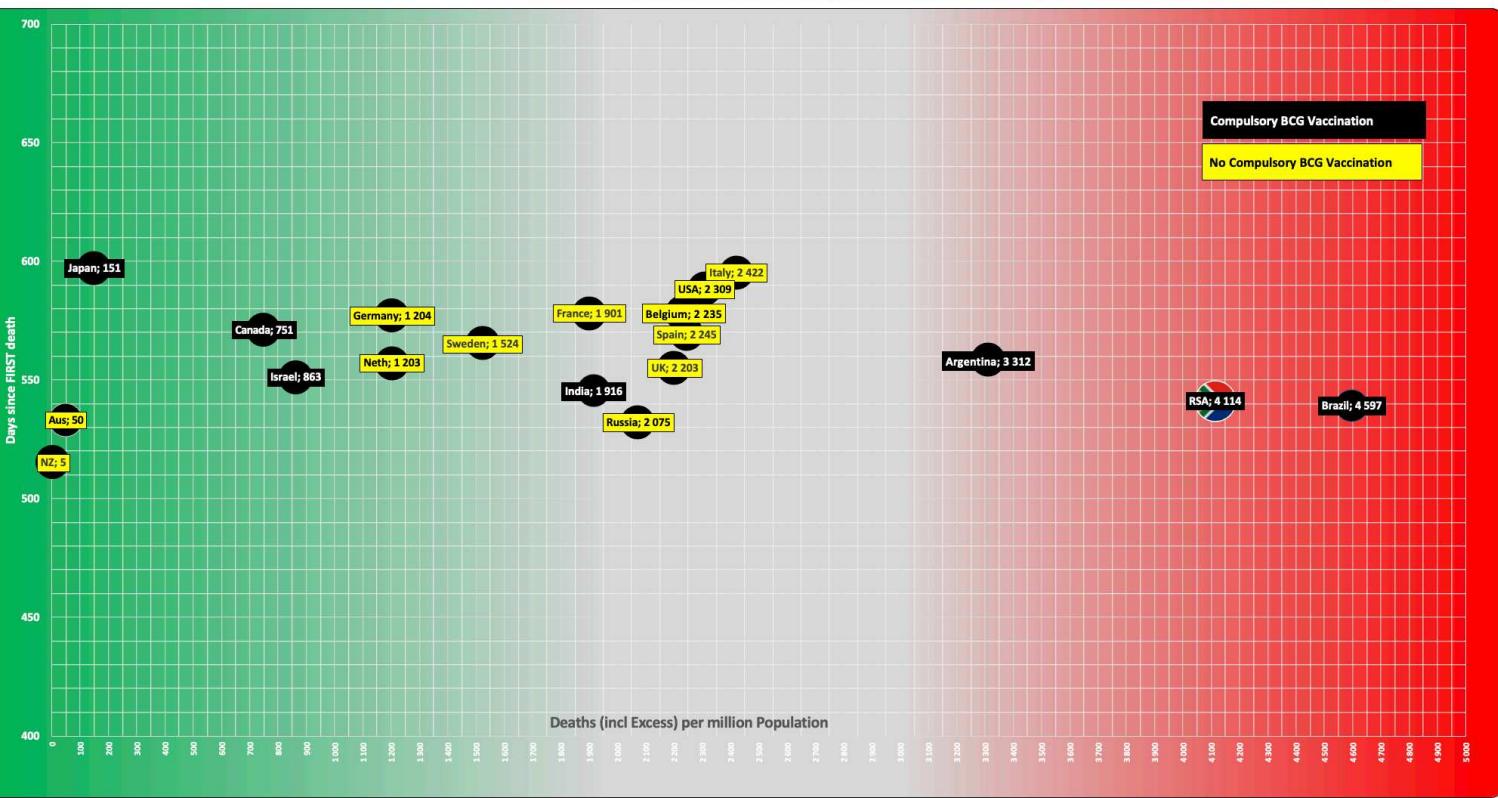
Limited testing and challenges in the attribution of the cause of death means that the number of confirmed deaths may not be an accurate count of the true number of deaths from COVID-19.

Our World  
in Data

LINEAR  LOG [+ Add country](#)



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



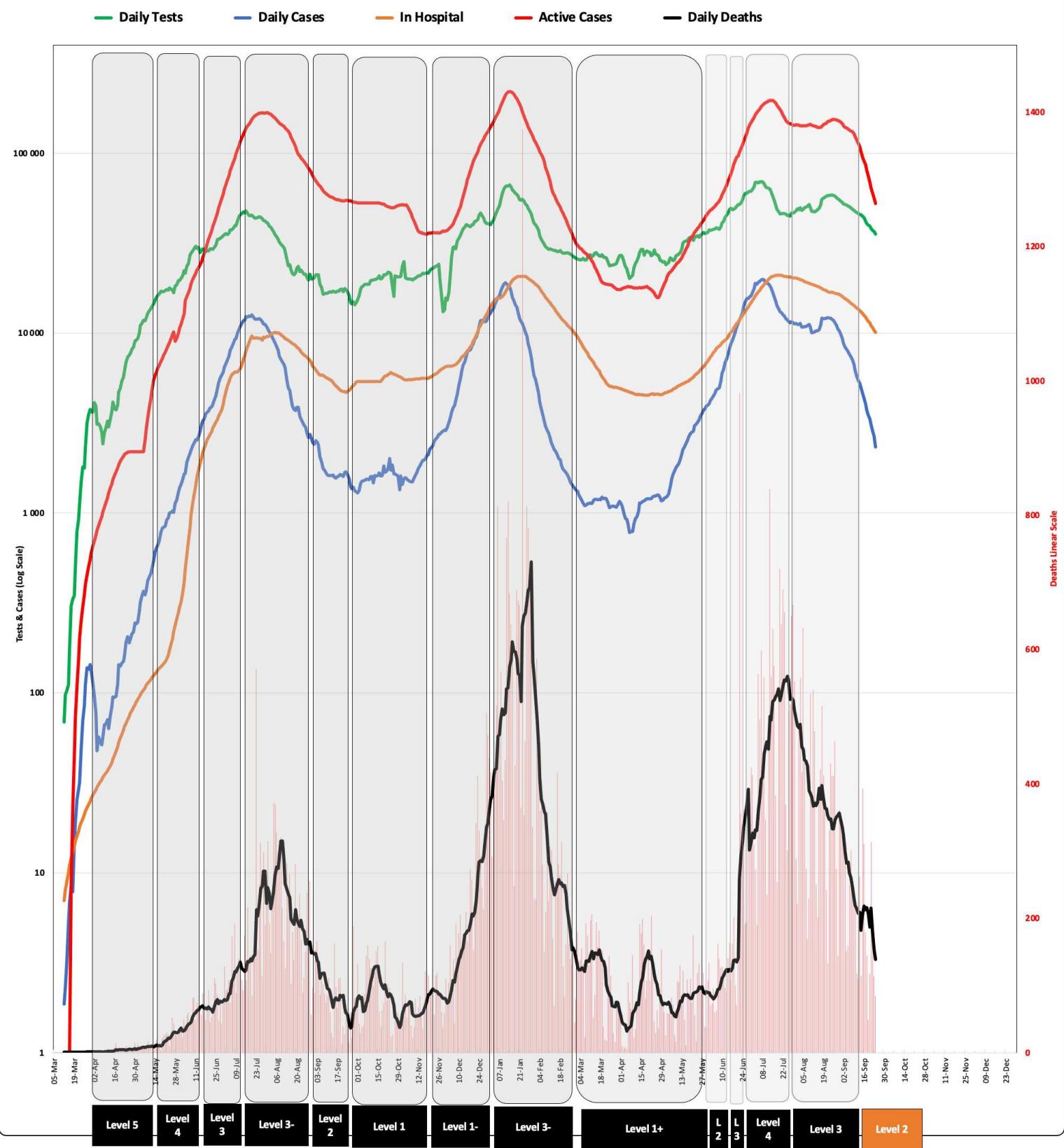
Data as at: 24 September 2021

Unless otherwise indicated

hdg 25 September 2021

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

Page 2.1

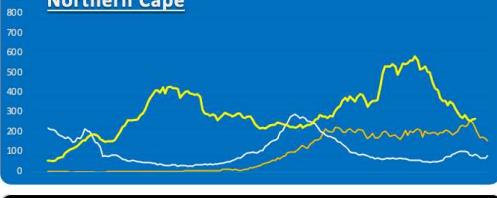
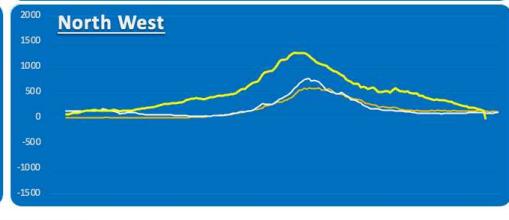
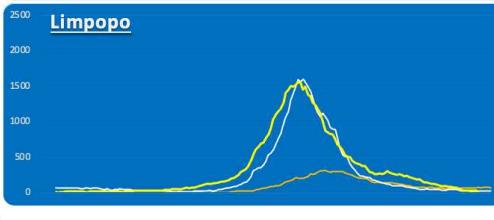
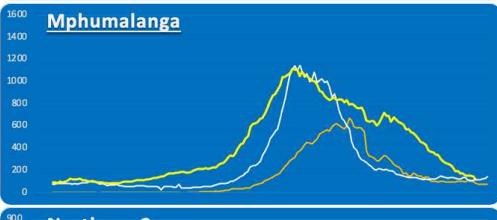
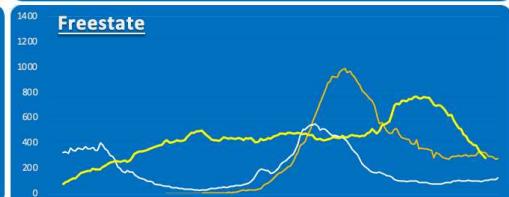
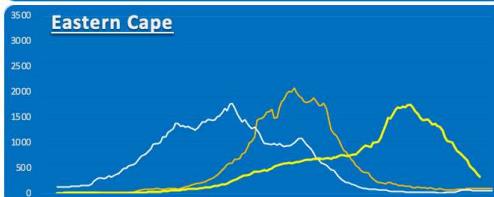
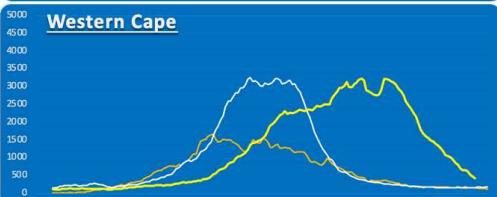
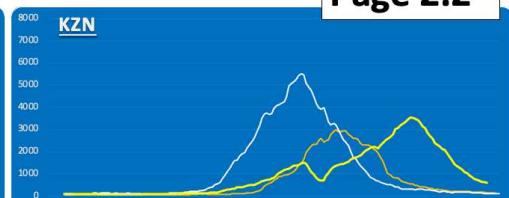
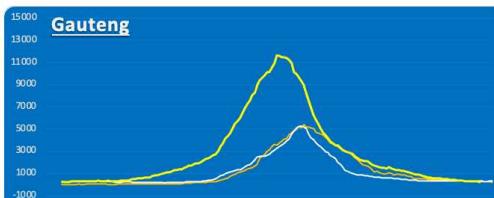
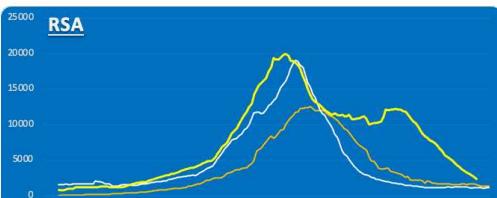


Data as at: 24 September 2021 Unless otherwise indicated

hdg 25 September 2021

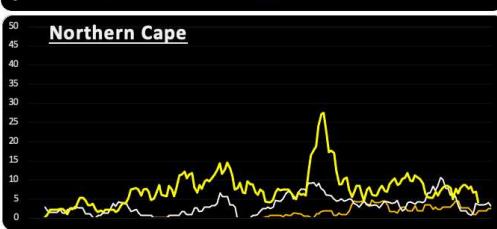
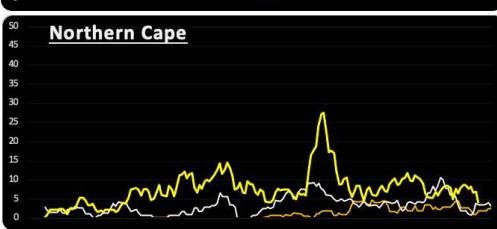
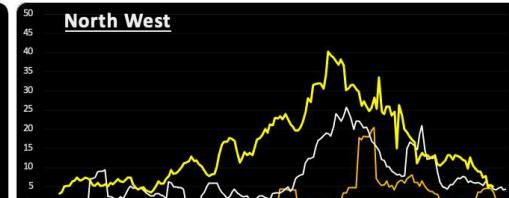
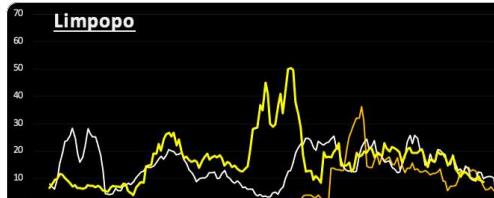
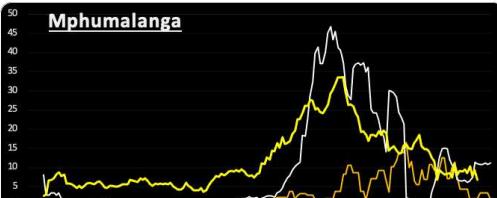
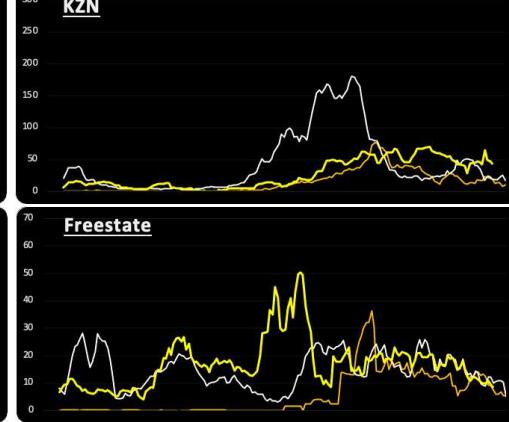
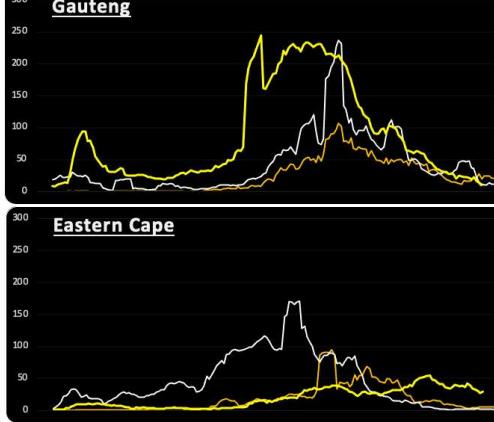
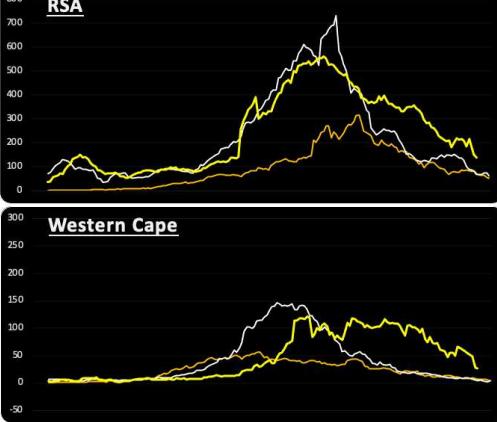
## 1st / 2nd & 3rd Wave OVERLAYS (CASES & DEATHS) 7 Day MA

Page 2.2



## CASES

— 1st Wave
— 2nd Wave
— 3rd Wave



## DEATHS

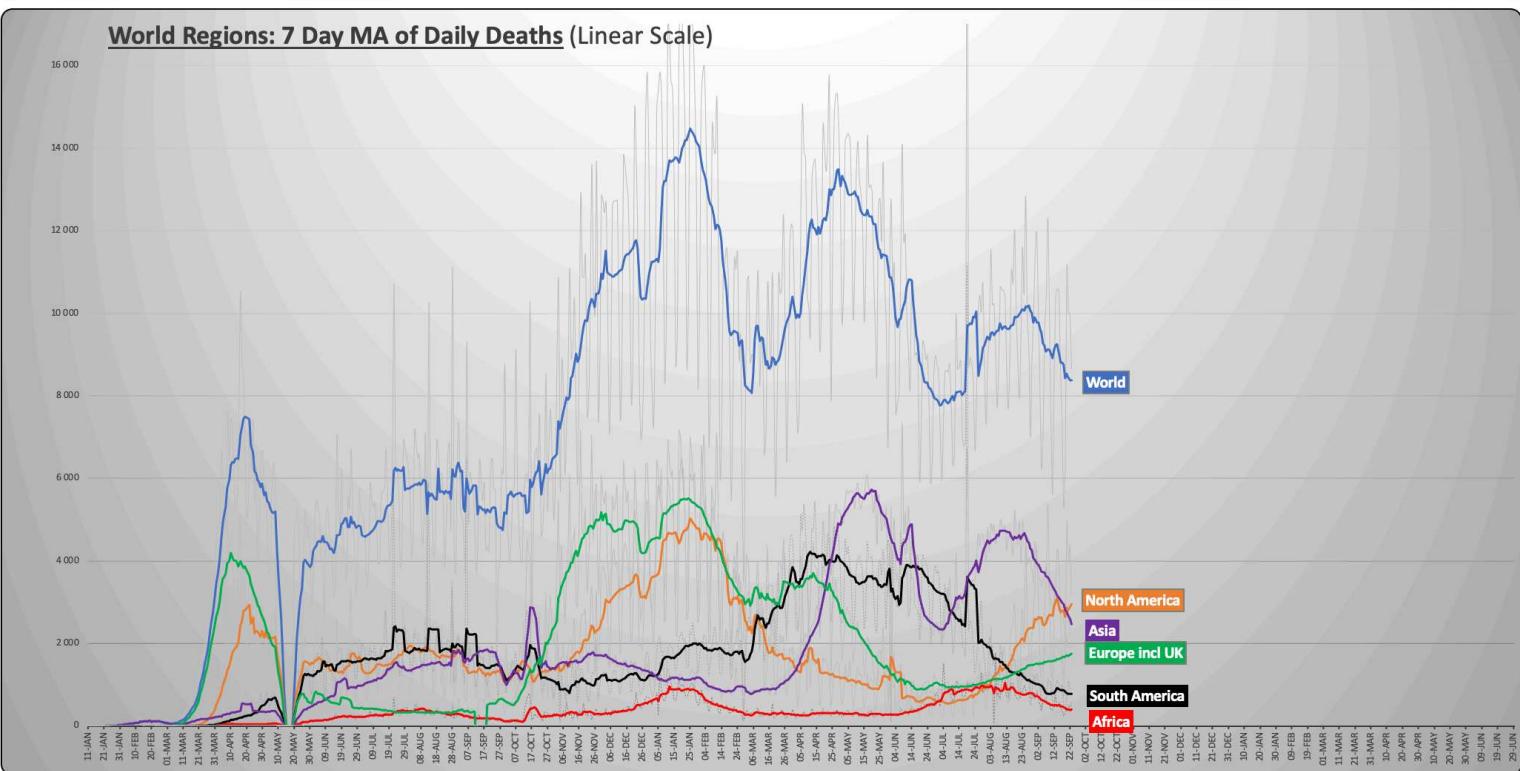
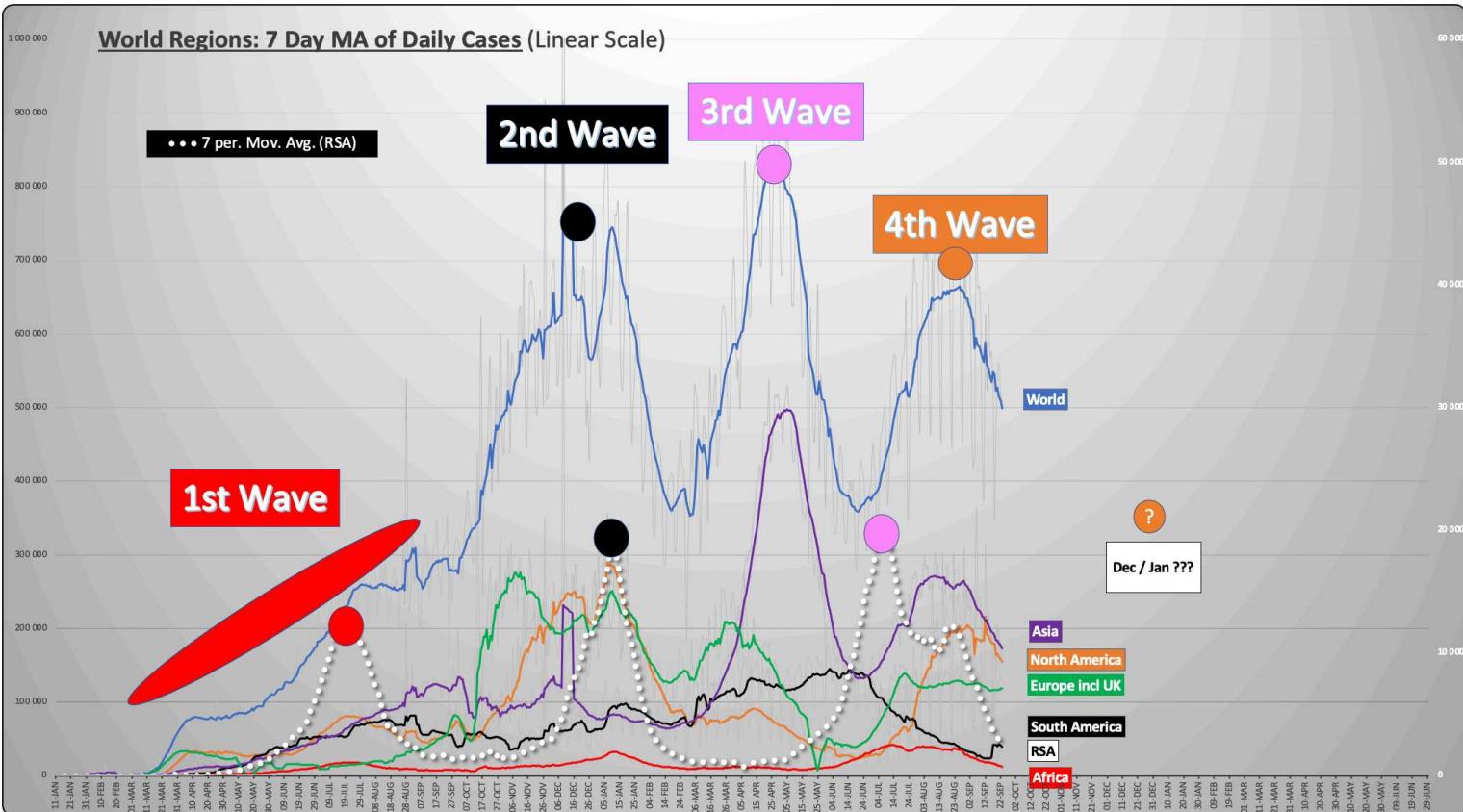
— 1st Wave
— 2nd Wave
— 3rd Wave

Data as at: 24 September 2021

hdg 25 September 2021

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

Page 3.0



Data as at: 25 September 2021 Unless otherwise indicated

hdg 25 September 2021

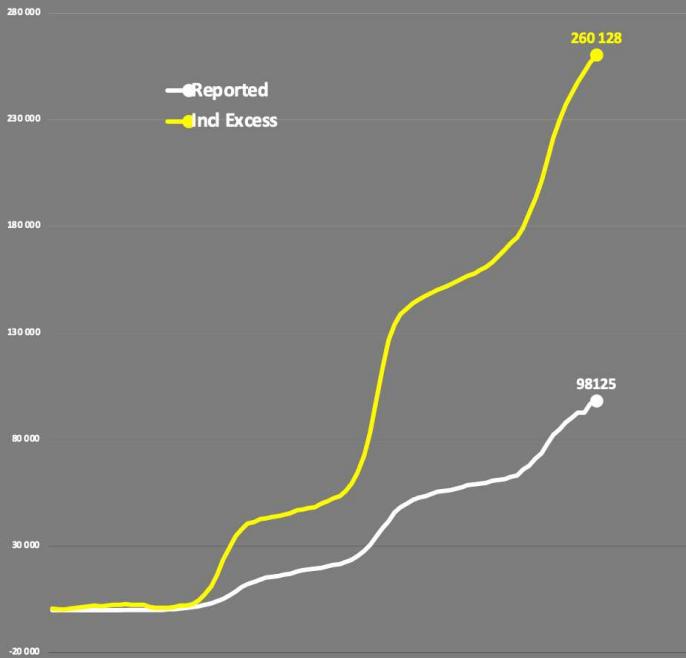
## RSA Cum & Projected Deaths (Reported & Incl Excess)

As at : 11 September 2021

Page 4

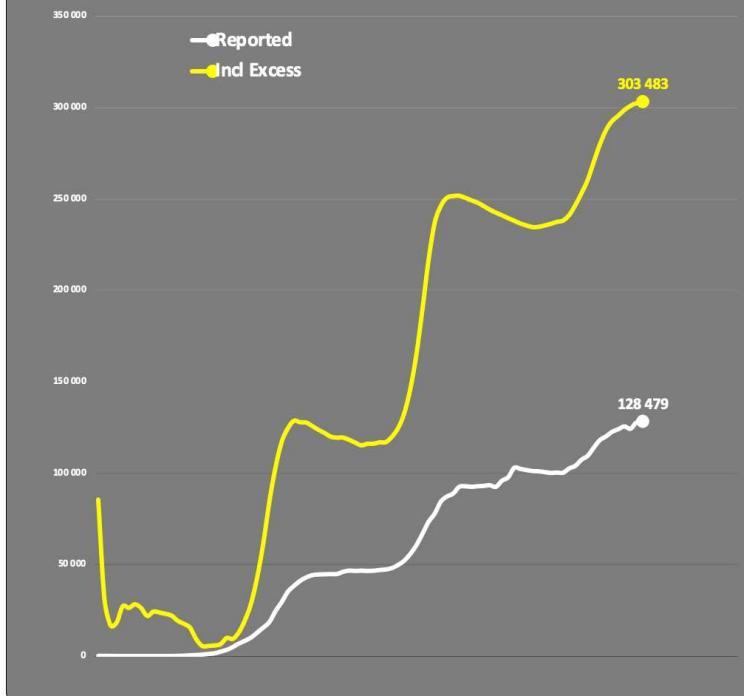
### RSA CUM DEATHS (updated weekly)

Assuming 90% of Excess Deaths are Covid related.



### RSA COVID DEATHS PROJECTED TO end 2021

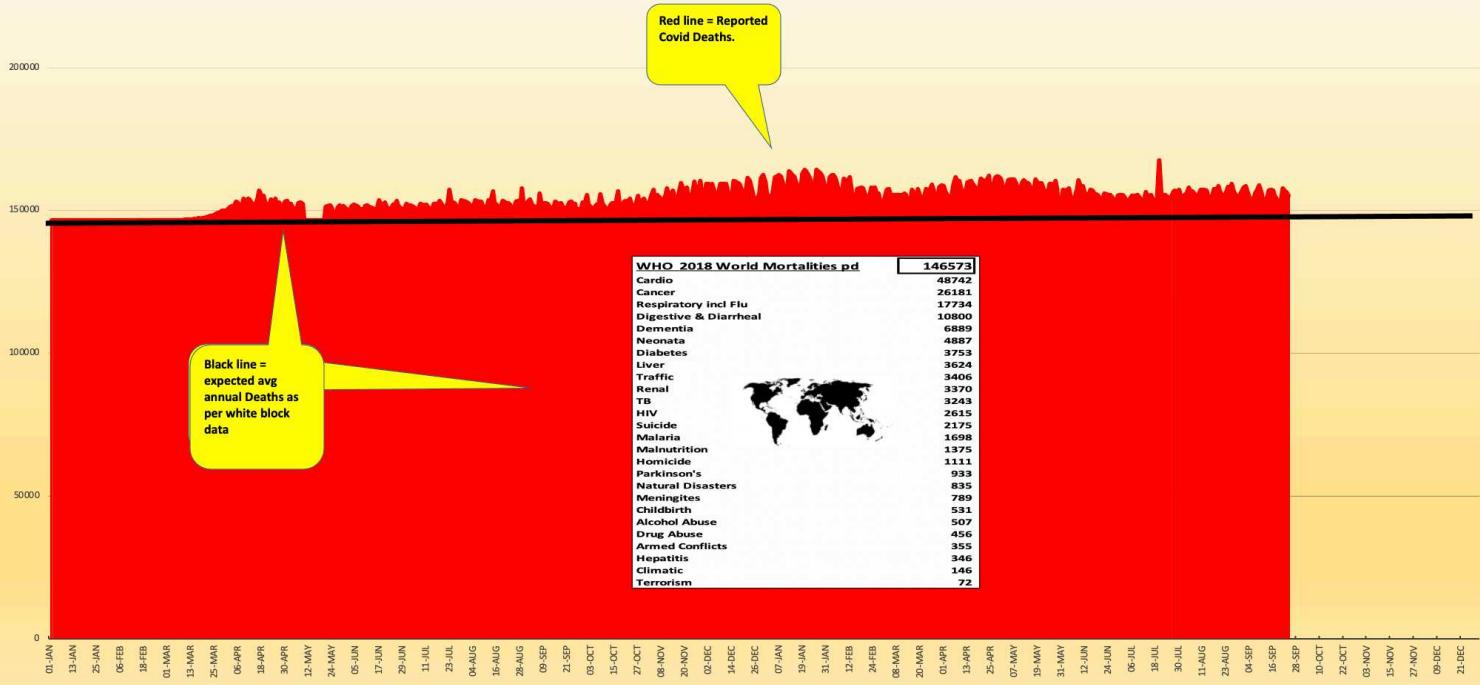
Assuming 90% of Excess Deaths are Covid related.



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



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



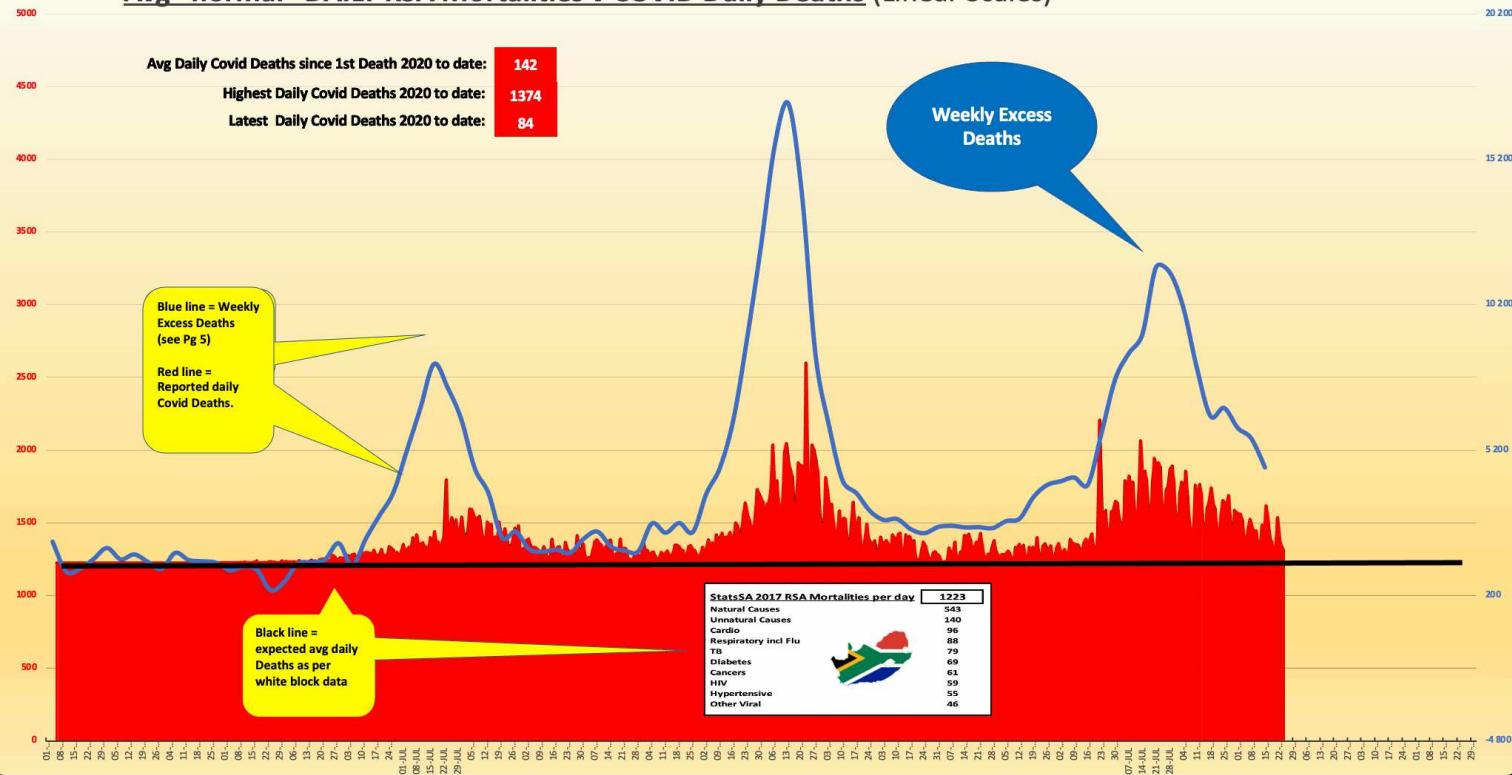
The two graphs WORLD (above) and RSA (below) attempt to put the number of Covid Deaths into some sort of perspective graphically.

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:

24 September 2021

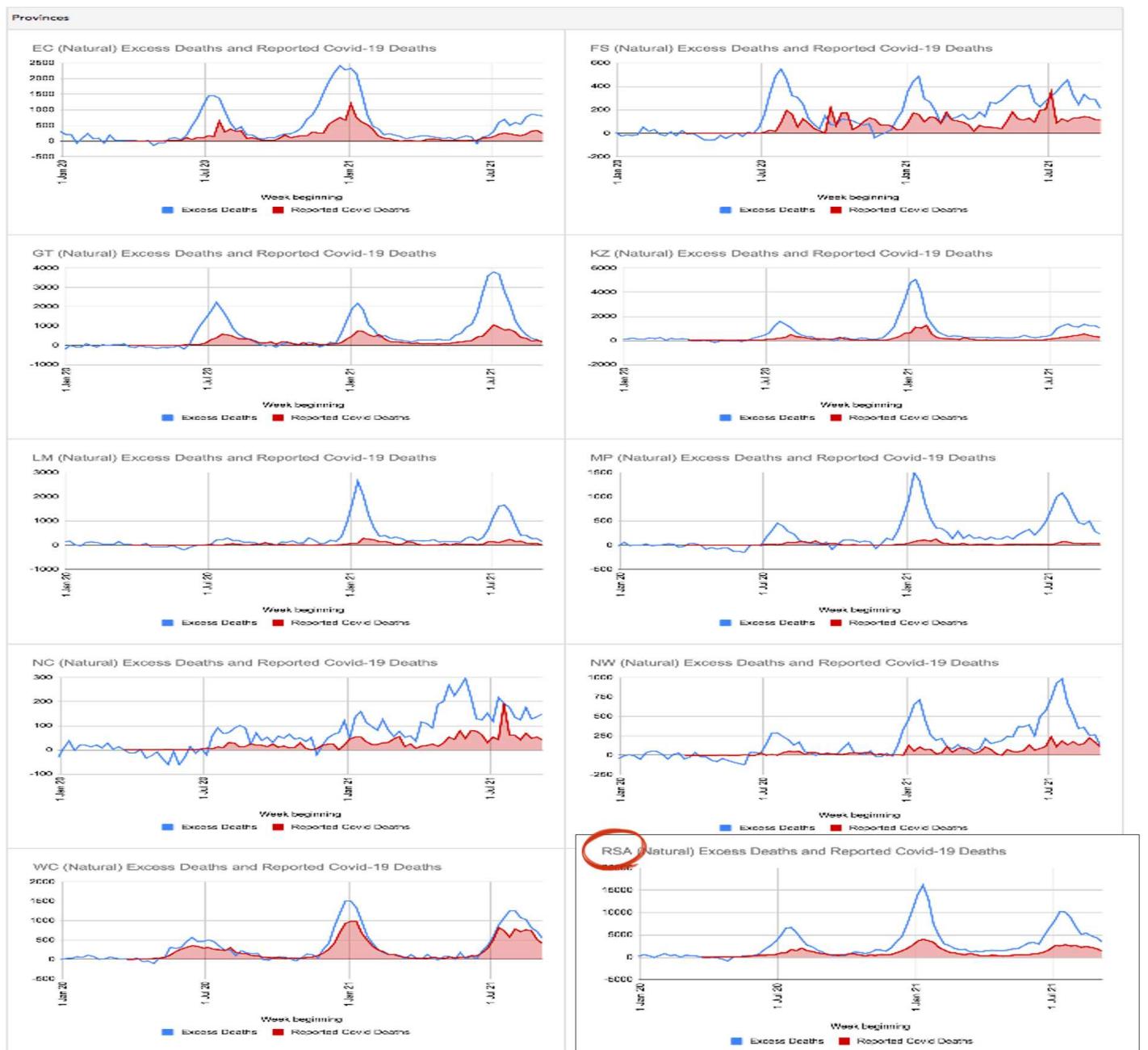
Unless otherwise indicated

hdg 25 September 2021

## RSA Excess Deaths as per SA Medical Research Council

As at : 18 September 2021

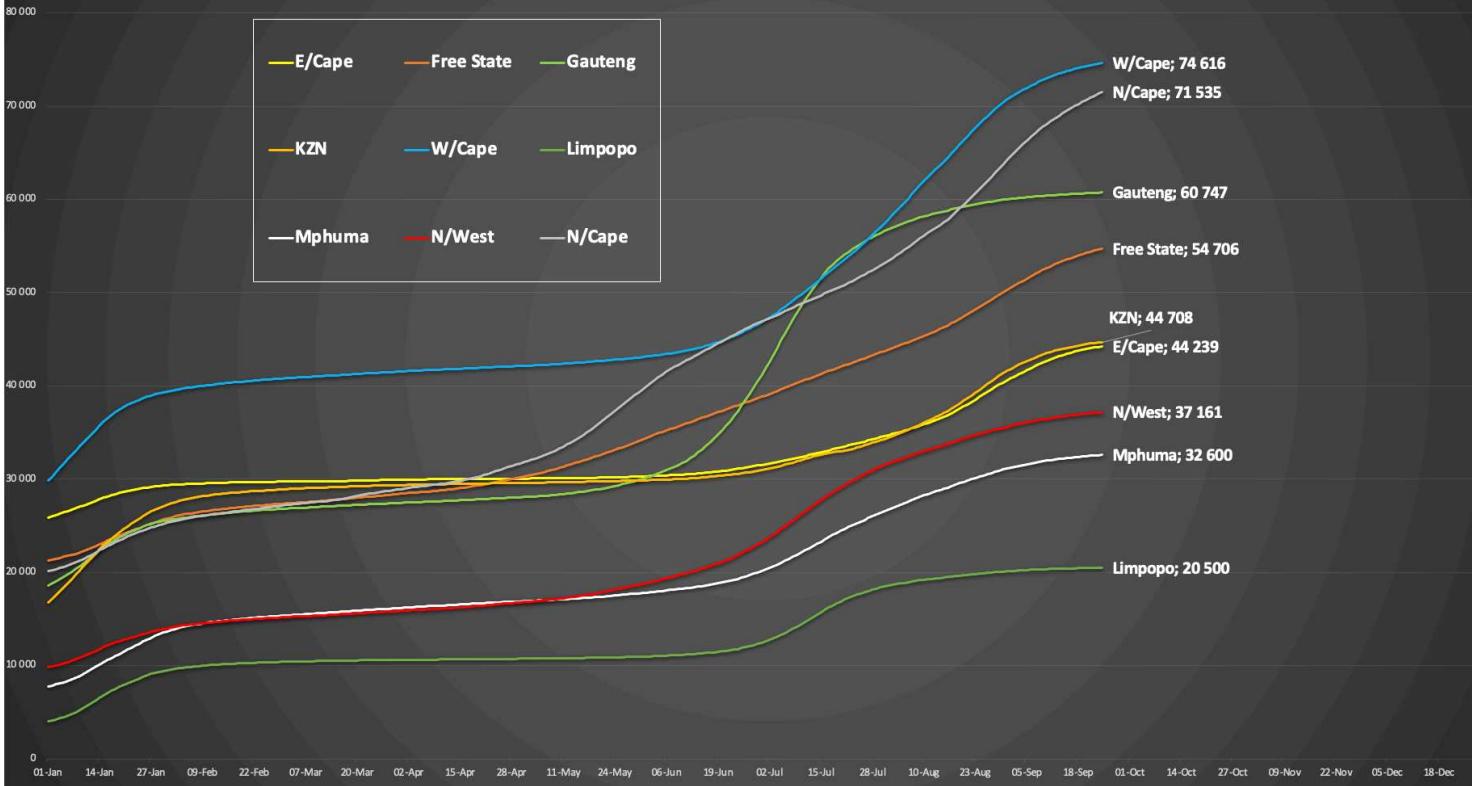
Page 4.2



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).

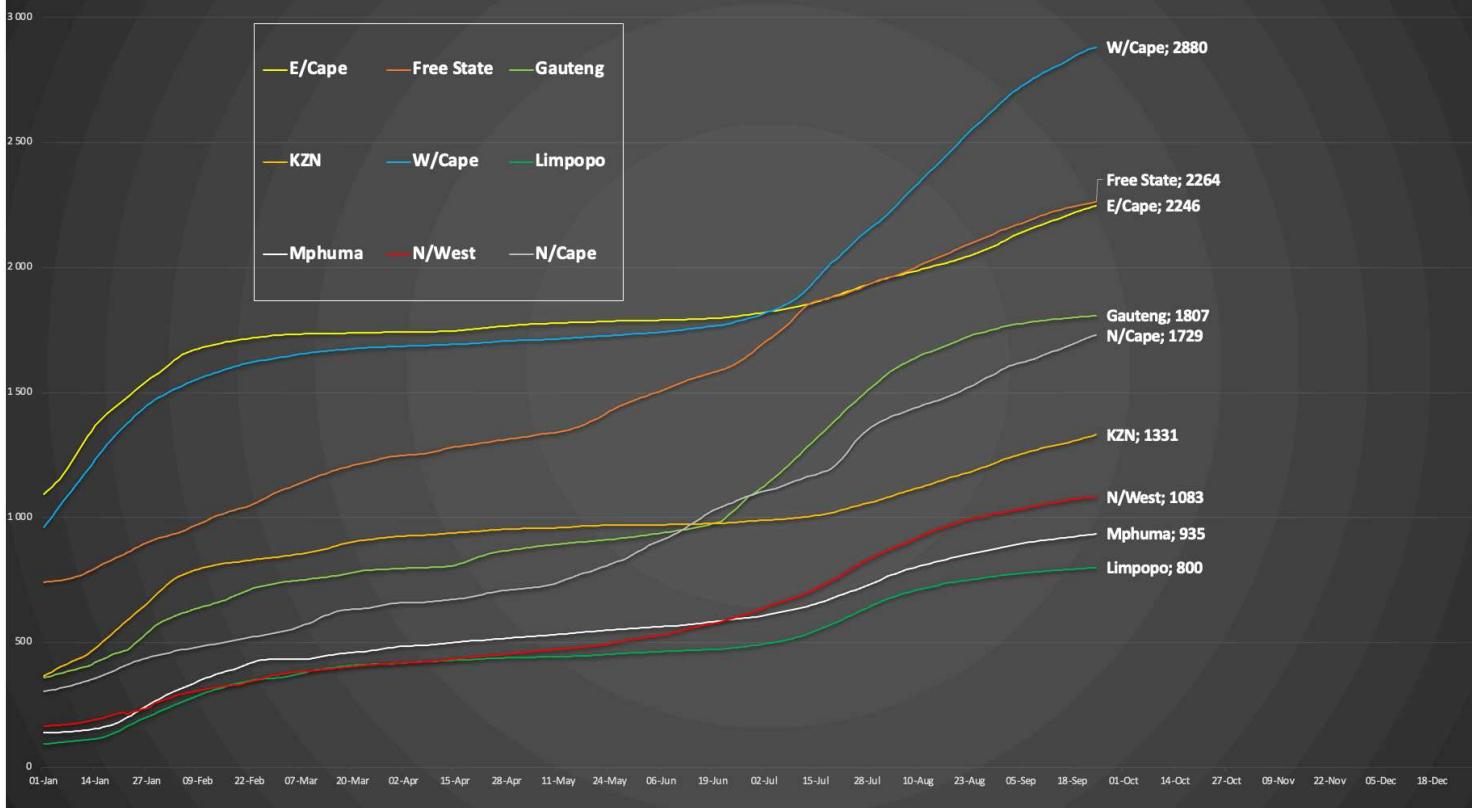
### Reported CUM CASES per mill PoP

Jan to Dec 2021 7 Day MA



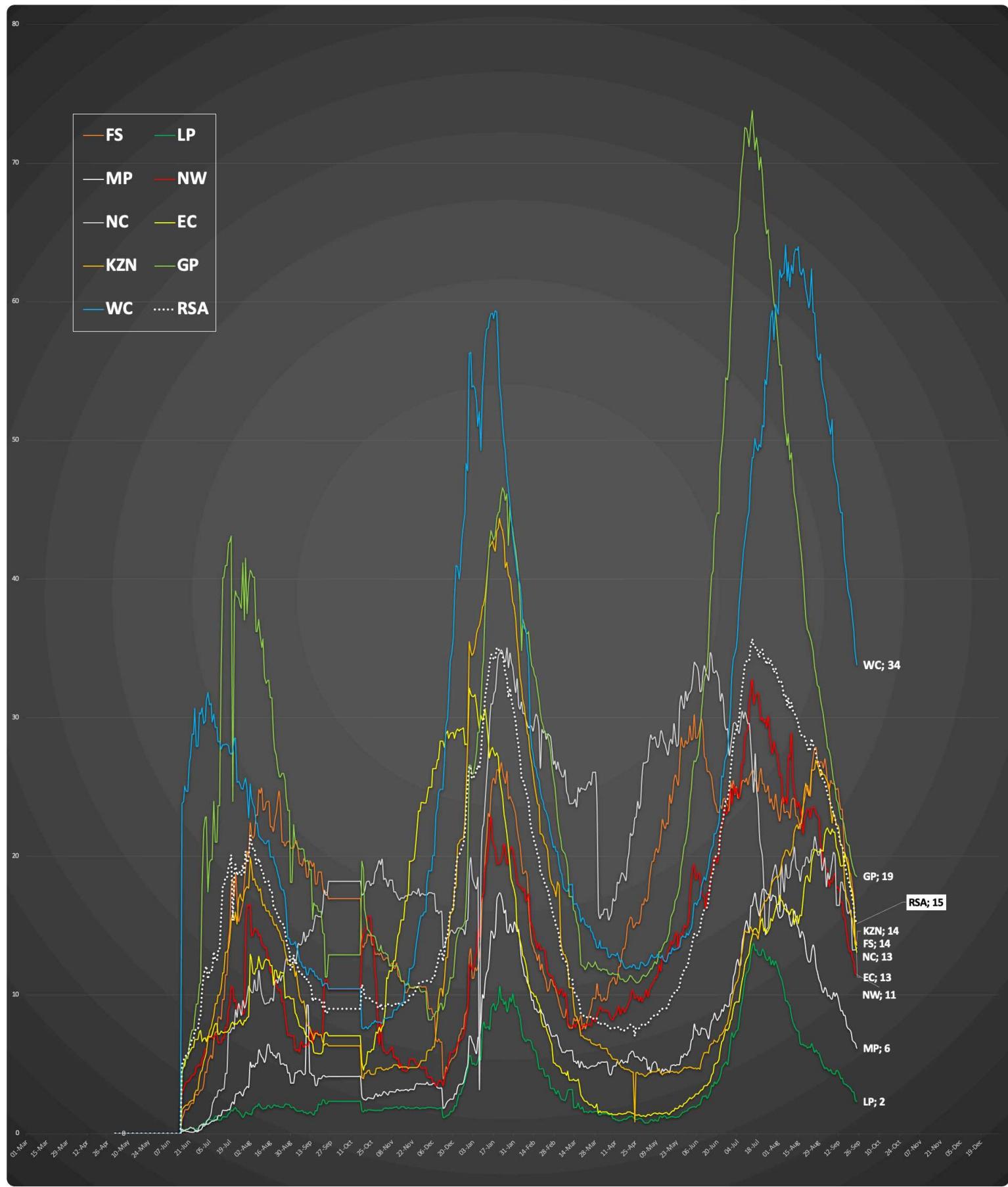
### Reported CUM DEATHS per mill PoP

Jan to Dec 2021 7 Day MA



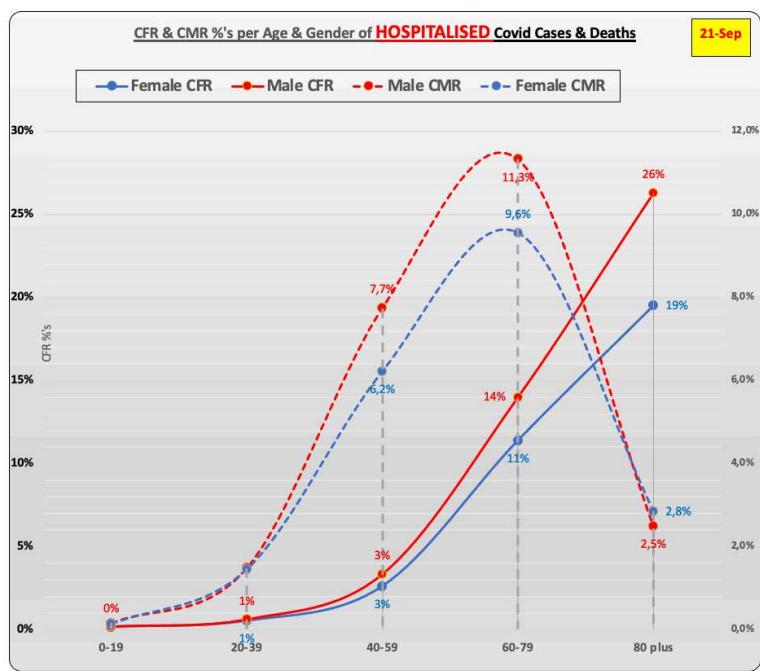
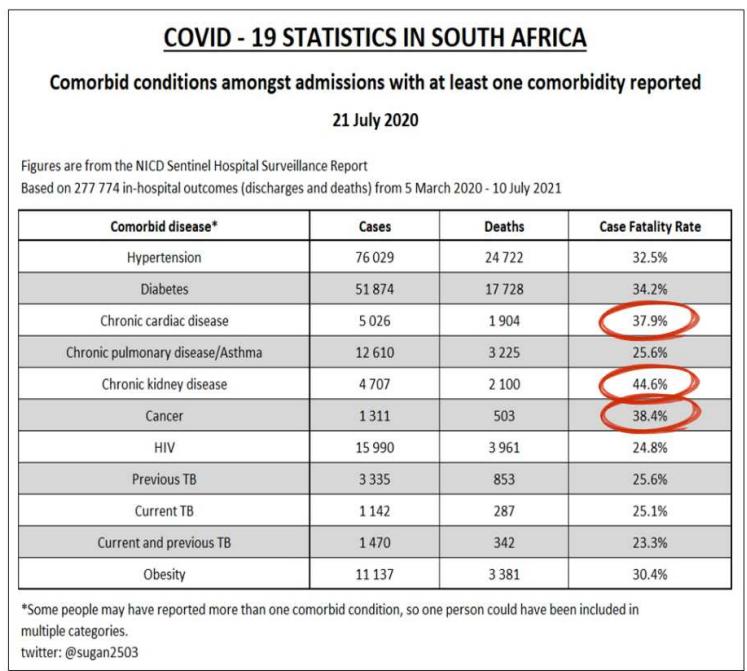
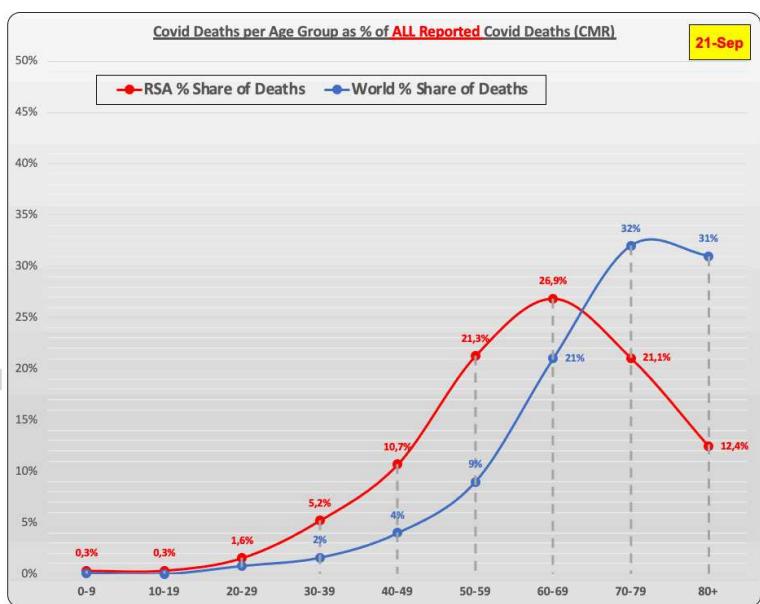
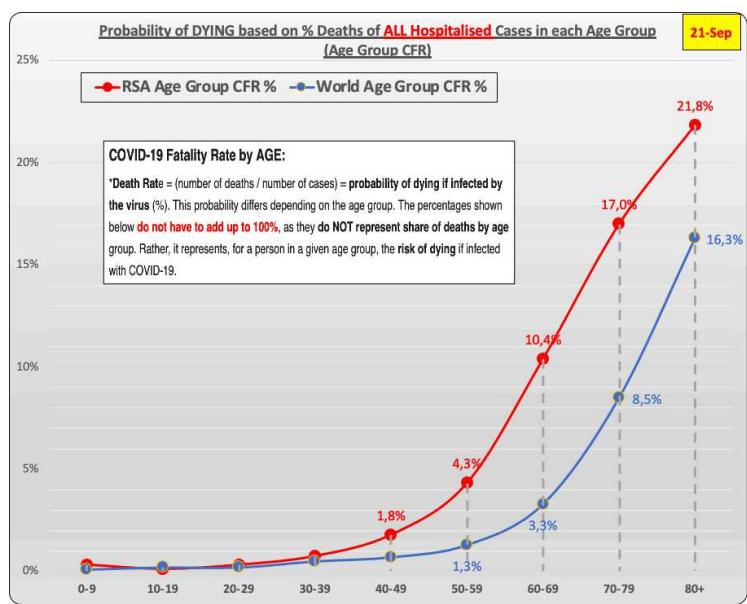
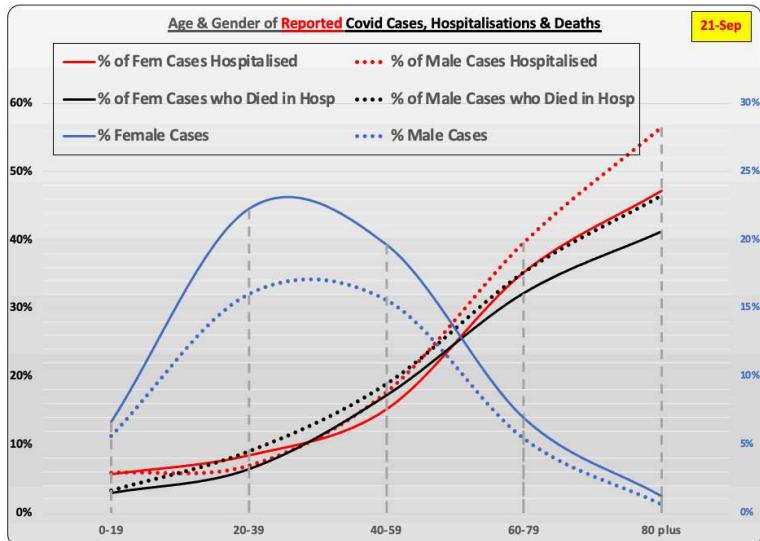
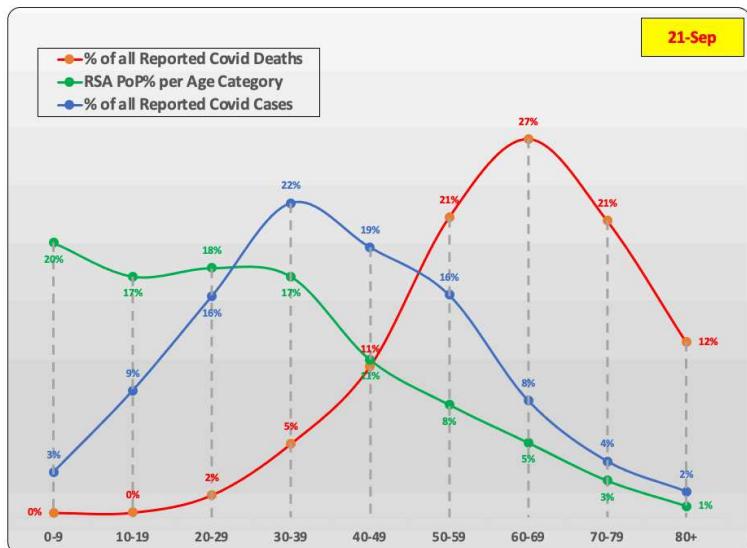
## RSA & Provinces Comparative Daily in Hospital per 100k Population

Page 5.1



## RSA Age & Gender Stats

Page 6



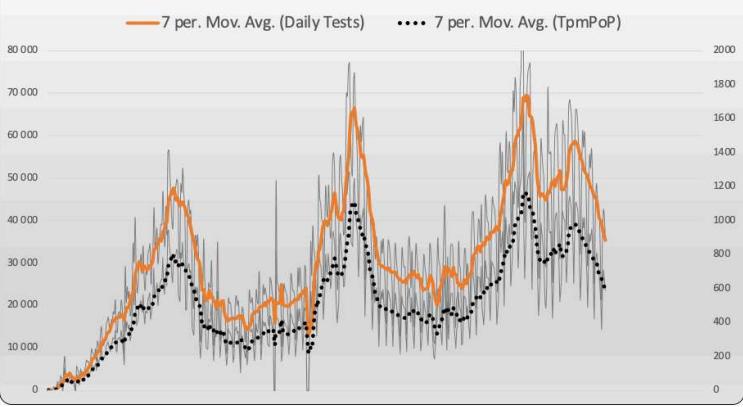
Data as at: As indicated per graph

hdg 25 September 2021

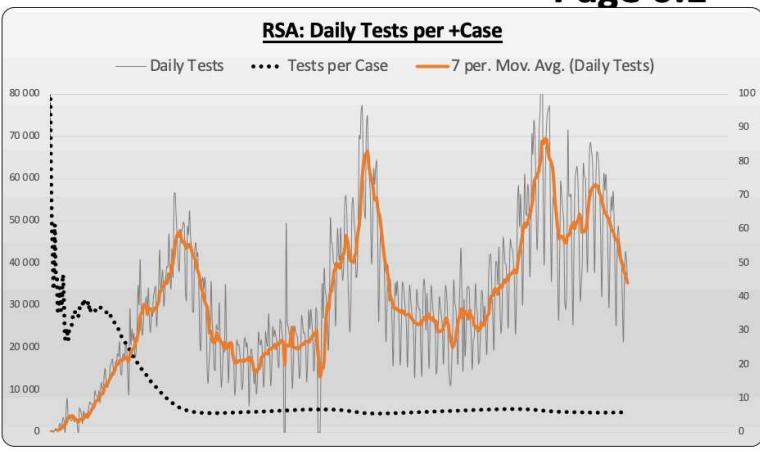
## RSA Key Ratios & Comparators (all graphs from Jan 2020)

Page 6.1

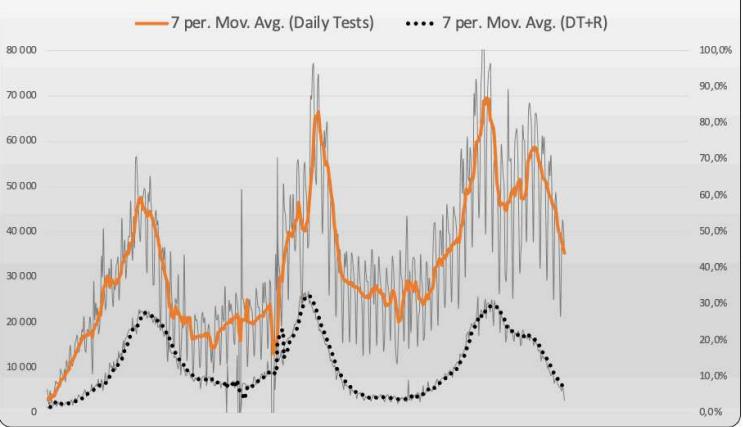
**RSA: Daily Tests per million PoP**



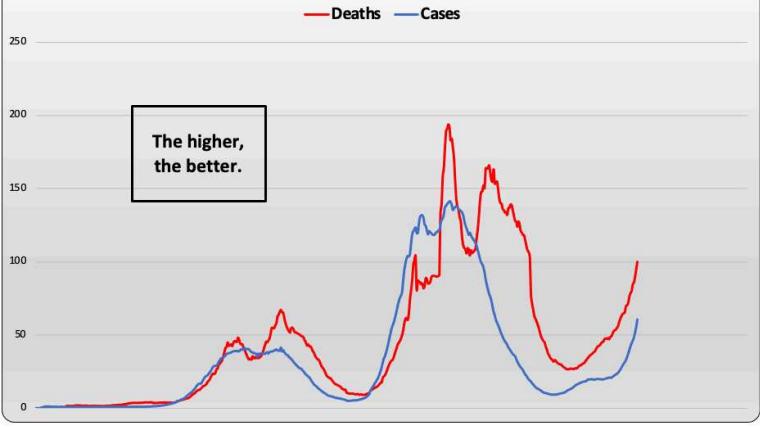
**RSA: Daily Tests per +Case**



**RSA: Daily Tests Positivity %**



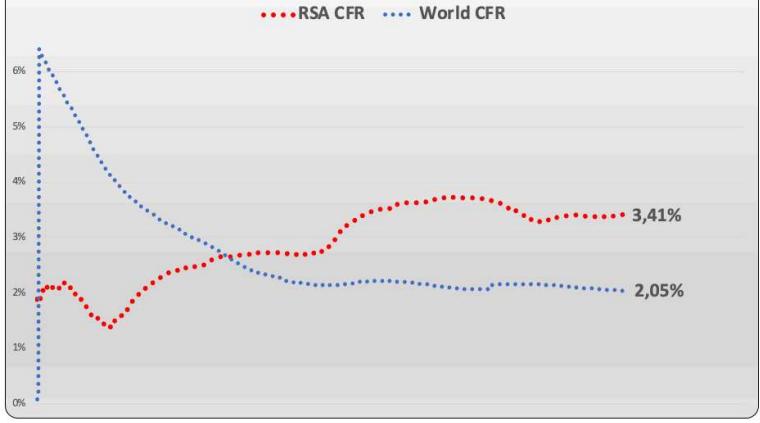
**RSA Doubling Times in Days**



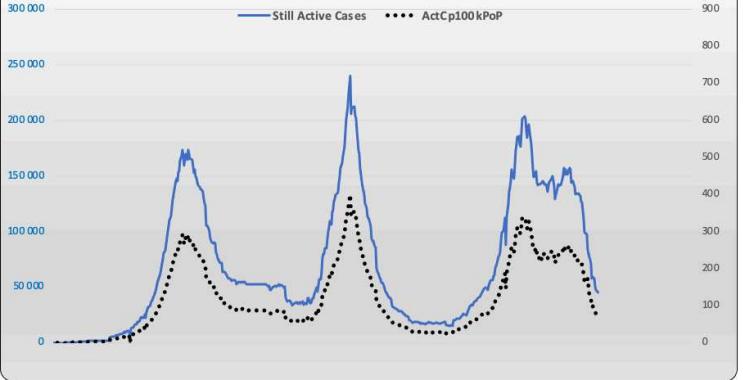
**RSA: Case Recovery Rate (CRR) & PoP Covid Mortality Rate**



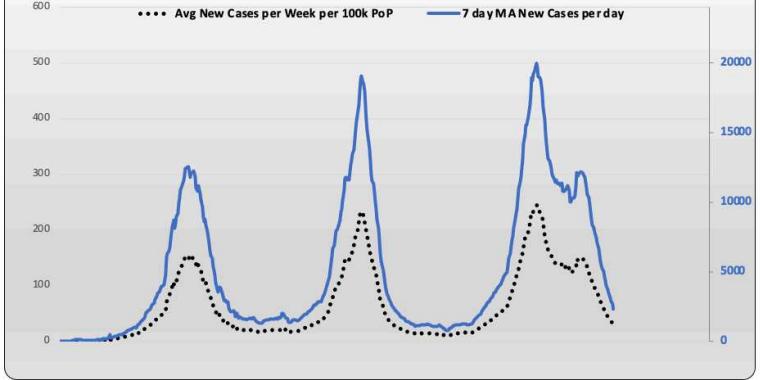
**Covid Reported Deaths as % of Reported Cases (CFR)**



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

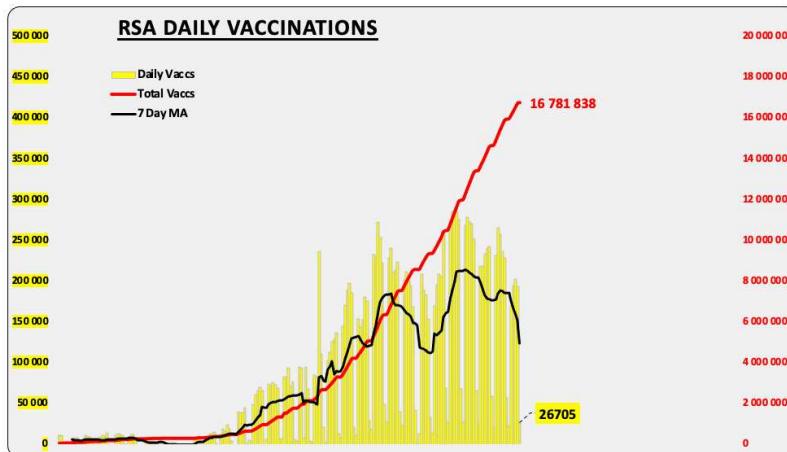


**RSA: Avg New Reported Cases per week per 100k PoP**



## Vaccination Data

Page 7

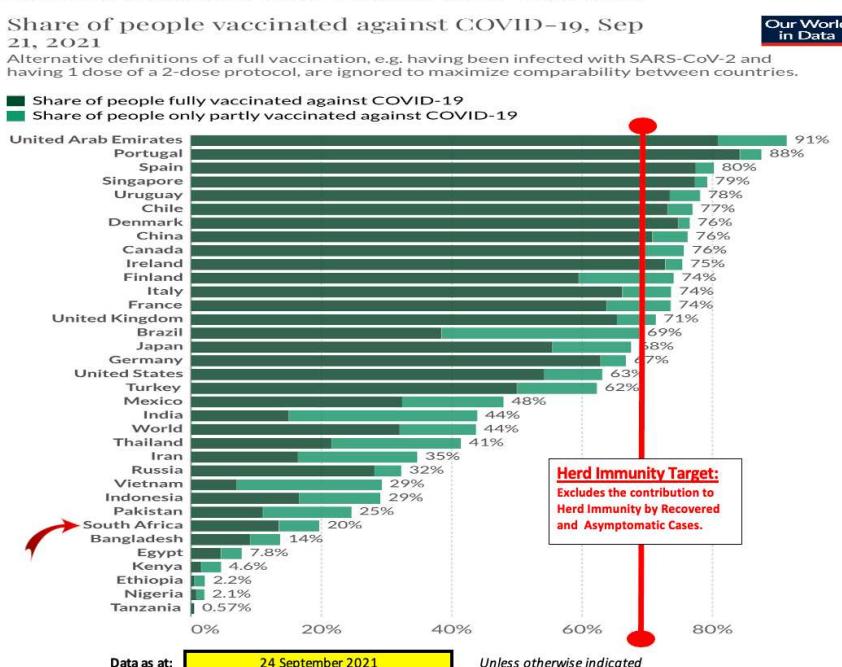


Of ALL blood donors at SANBS, the estimated (95% accuracy) seroprevalence of SARS-CoV-2 was 47.4% by January 2021.

This shows that over 20 million South Africans have had the virus already and did not know it.

Province	Estimated seroprevalence (P.E% and 95%CI)	Applicable Time
Eastern Cape	62.5 (58.9-66.1)	January 2021
Northern Cape	31.8 (25.3-38.3)	January 2021
Free State	47.9 (42.8-53)	January 2021
KwaZulu Natal	52.1 (49.1-55.2)	January 2021
Gauteng	43.7 (42.3-45.3)	May 2021
Mpumalanga	47.5 (44.3-50.7)	May 2021
Western Cape	37.6 (33.3-41.8)	May 2021
North West	48.5 (42.3-54.8)	May 2021
Limpopo	46.3 (41.2-51.3)	May 2021
National Weighted	47.4 (46.2 - 48.6)	Jan-May 2021

## Selected countries who publish their VAC data



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

Total Vaccs to date: 16 781 838 Avg Vaccs per day over the last 7 days : 124 103

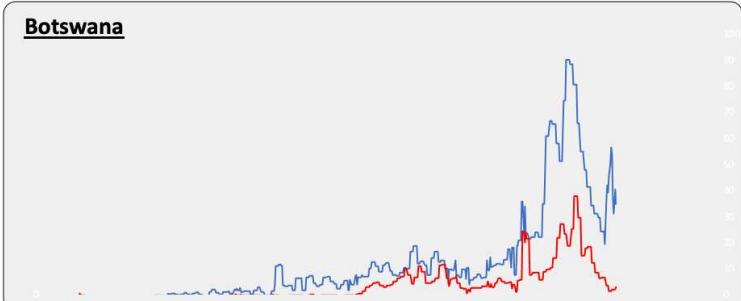
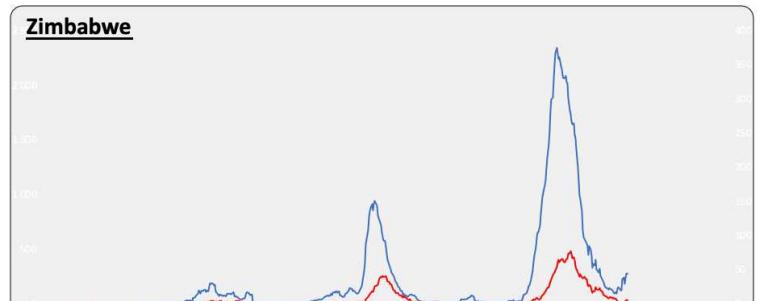
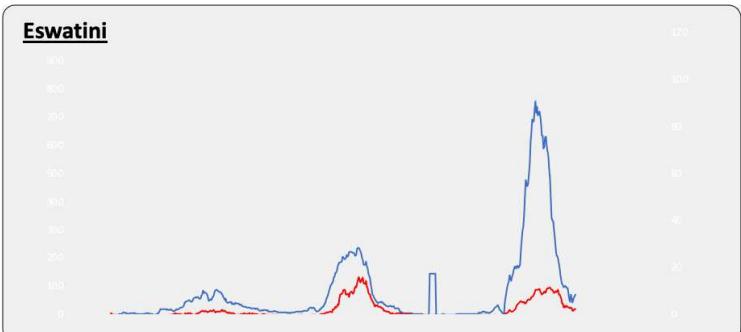
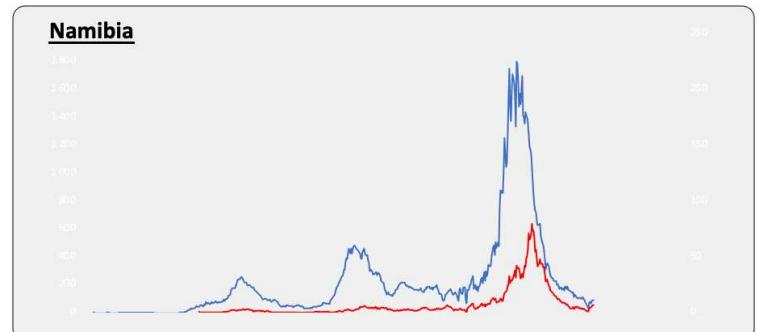
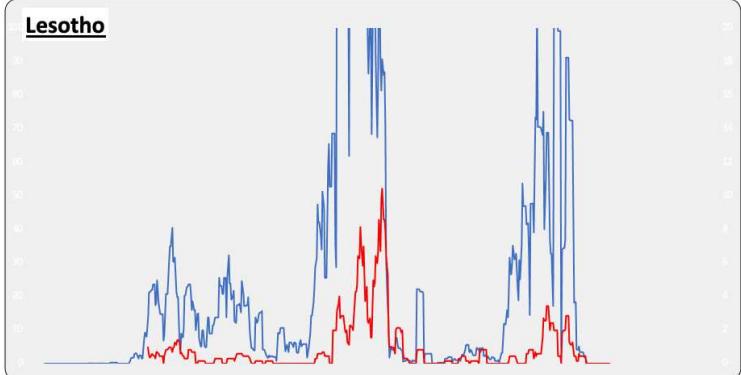
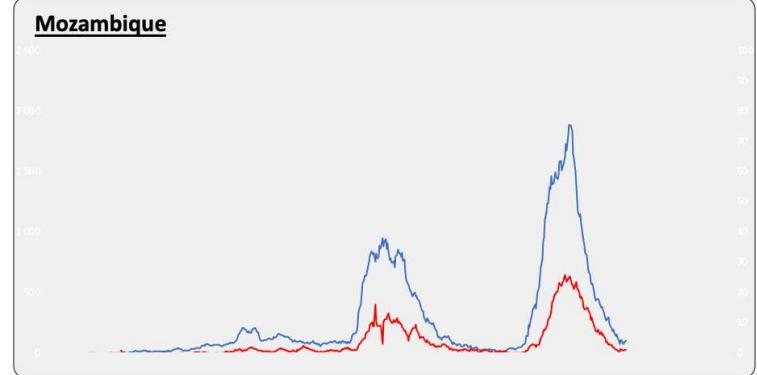
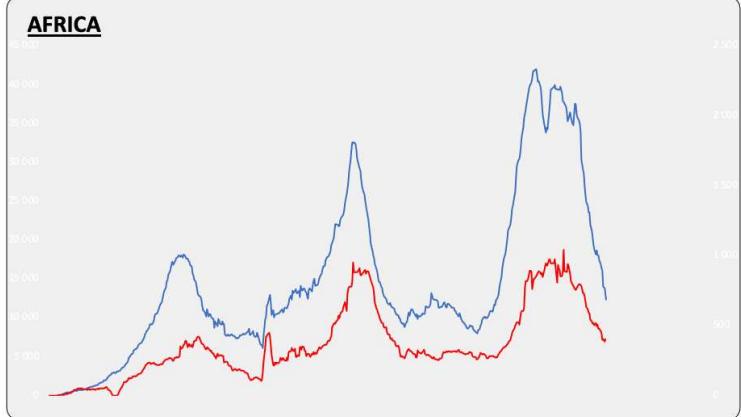
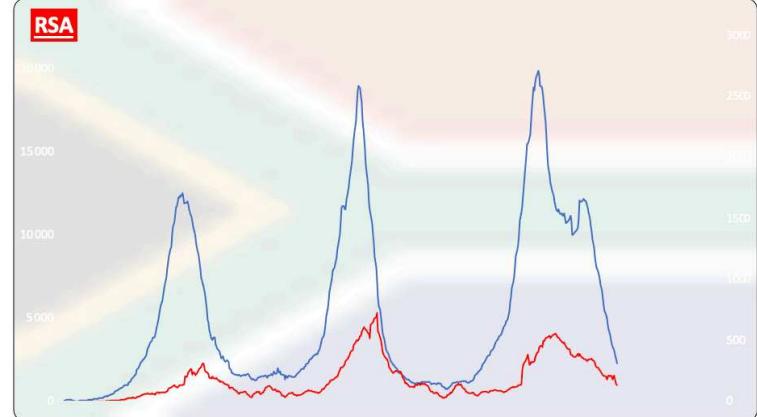
Fully Vaccsed : 479 768 Phase 1 : Health Care Workers

Single & Double Doses : 16 302 070 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>1,40</b>	Years
Time to achieve Herd Immunity at daily rate of Vaccinations over the past 7 DAYS	<b>0,89</b>	Years

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

Southern Africa Daily Reported New Cases & Deaths 7 Day MA(Jan 2020 to Present)  
CASES DEATHS**Botswana****Zimbabwe****Eswatini****Namibia****Lesotho****Mozambique****AFRICA****RSA**

Data as at: 25 September 2021

Unless otherwise indicated

hdg 25 September 2021

# Getting vaxxed is a no-brainer....!!!



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.**