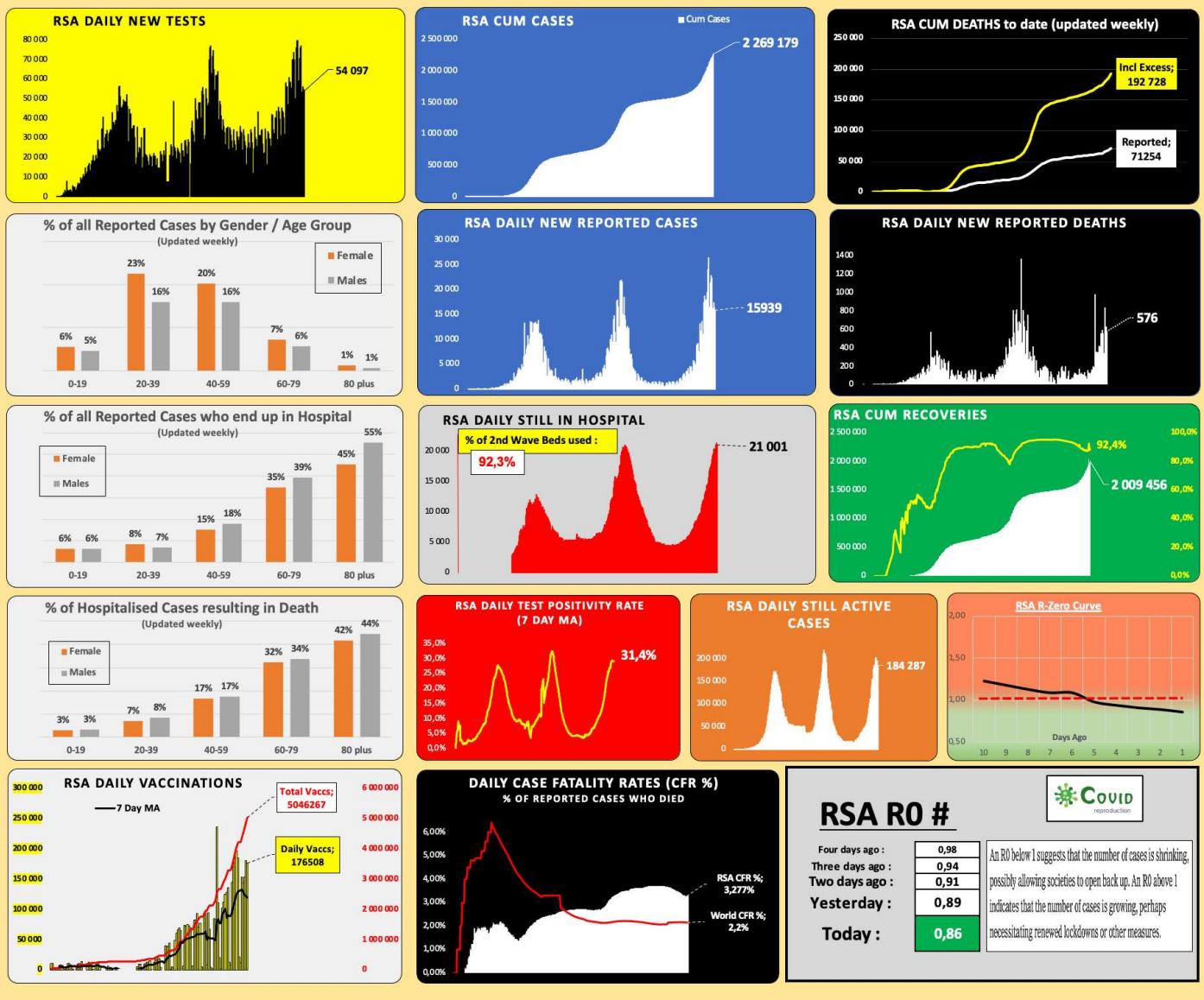


# HarryG COVID-19 Dashboard

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			
2 269 179		15 939				Reported Cases	Hospital Cases		Daily Avg	3,14		
Still Active +Cases		Cum Cases p mill PoP				3,30%	20,53%		7 Day MA Vaccs per day	0,92		
184 287		37 897				17 July 2021	% of RSA PoP who have died :		120 425	Yrs		
Deaths Ages		Deaths Avg				0,125%	Incl Excess Deaths		Total to date:	5 046 267		
Ages Avg		Median Min Age				0,322%			Cum Tests	Daily Tests		
62,8		58,1 0,2				74 930	576		14 154 725	54 097		
Deaths Max Age		Deaths 108				57,0%	51,6%	Cases Deaths CFR Hospitalised	Daily Test Positivity Rate:	29,5%		
Female : Male :		57,0% 43,0%		51,6% 48,4%		2,83%	3,52%	Reported Deaths Incl Excess Deaths	0,19% 0,48%			
50,0%		55,1% 44,9%		15-Jul								



Data as at: 16 July 2021

Unless otherwise indicated

hdg

17 July 2021

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

Page 1.1



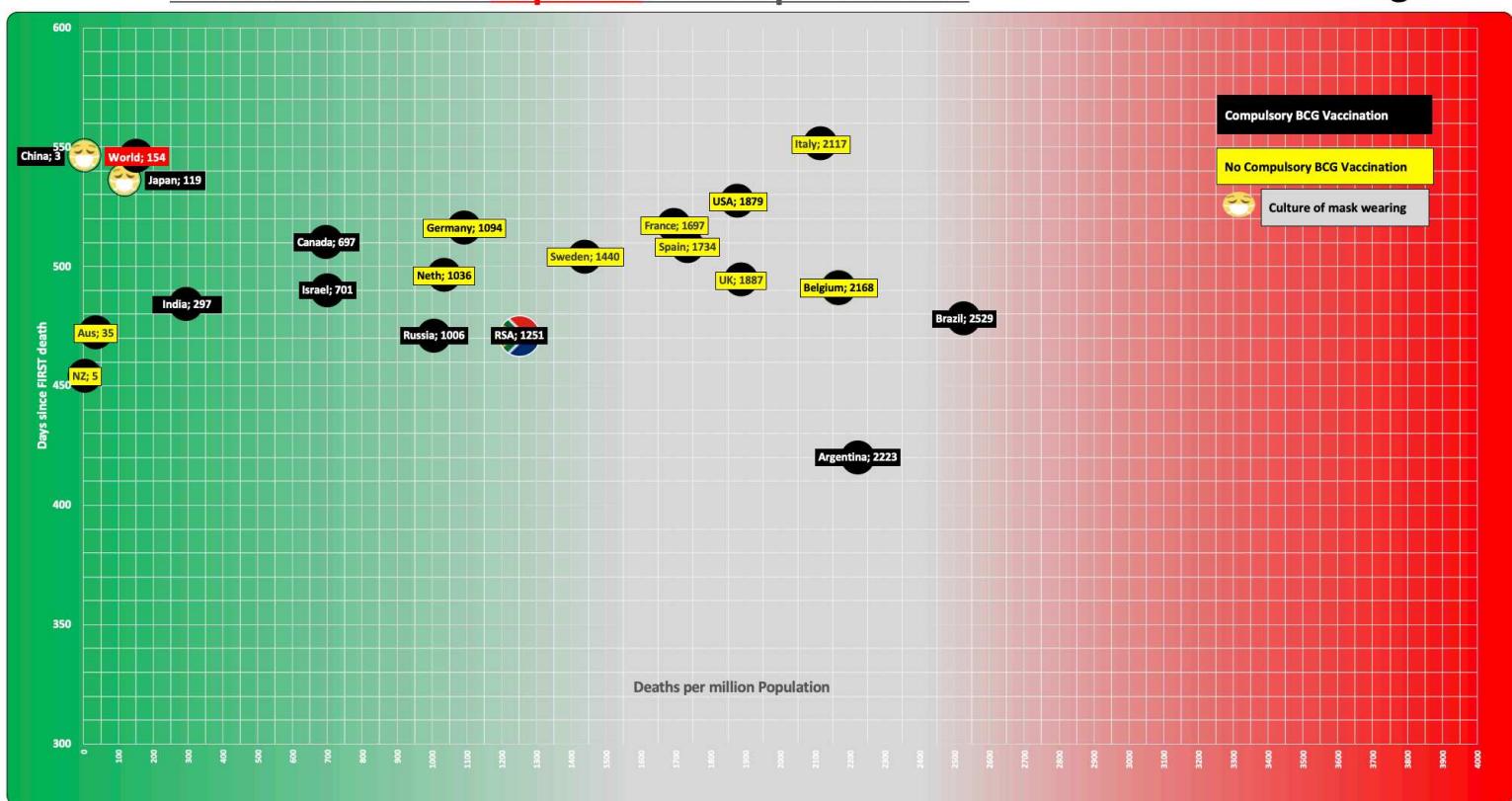
Data as at: 16 July 2021

Unless otherwise indicated

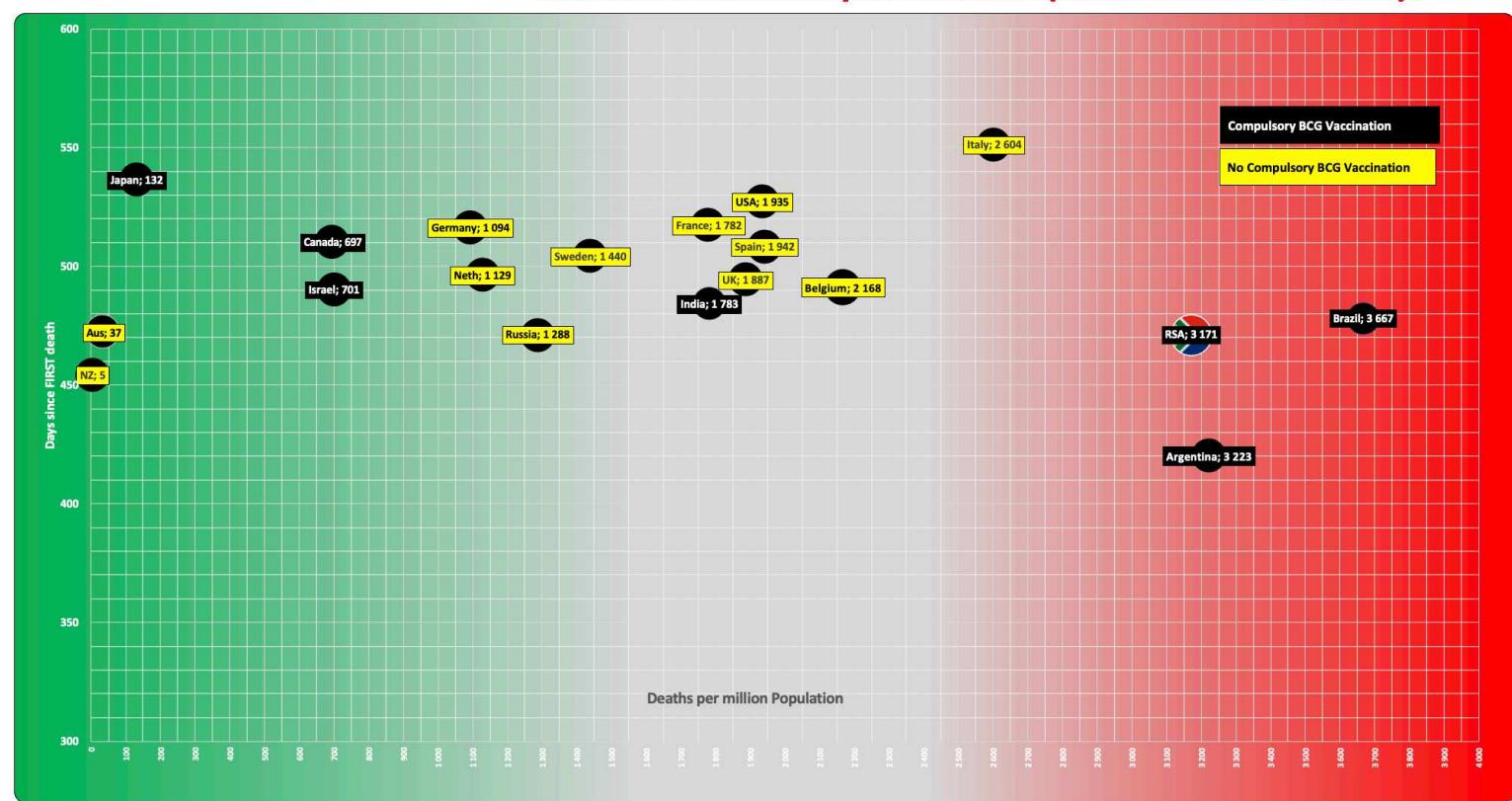
hdg 17 July 2021

## Selected Countries' Reported Deaths per mill PoP

Page 2



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



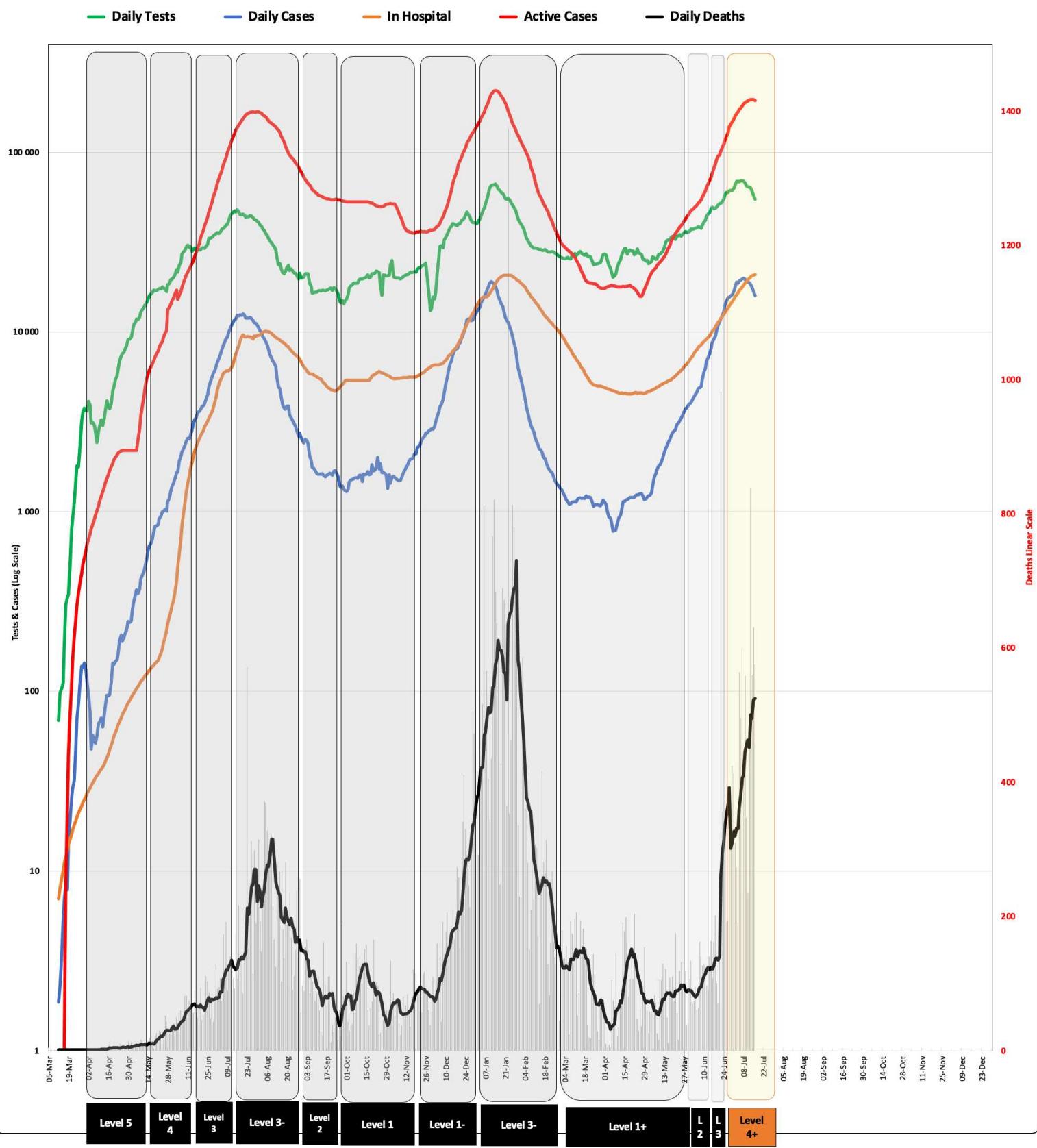
Data as at: 16 July 2021

Unless otherwise indicated

hdg 17 July 2021

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

Page 2.1



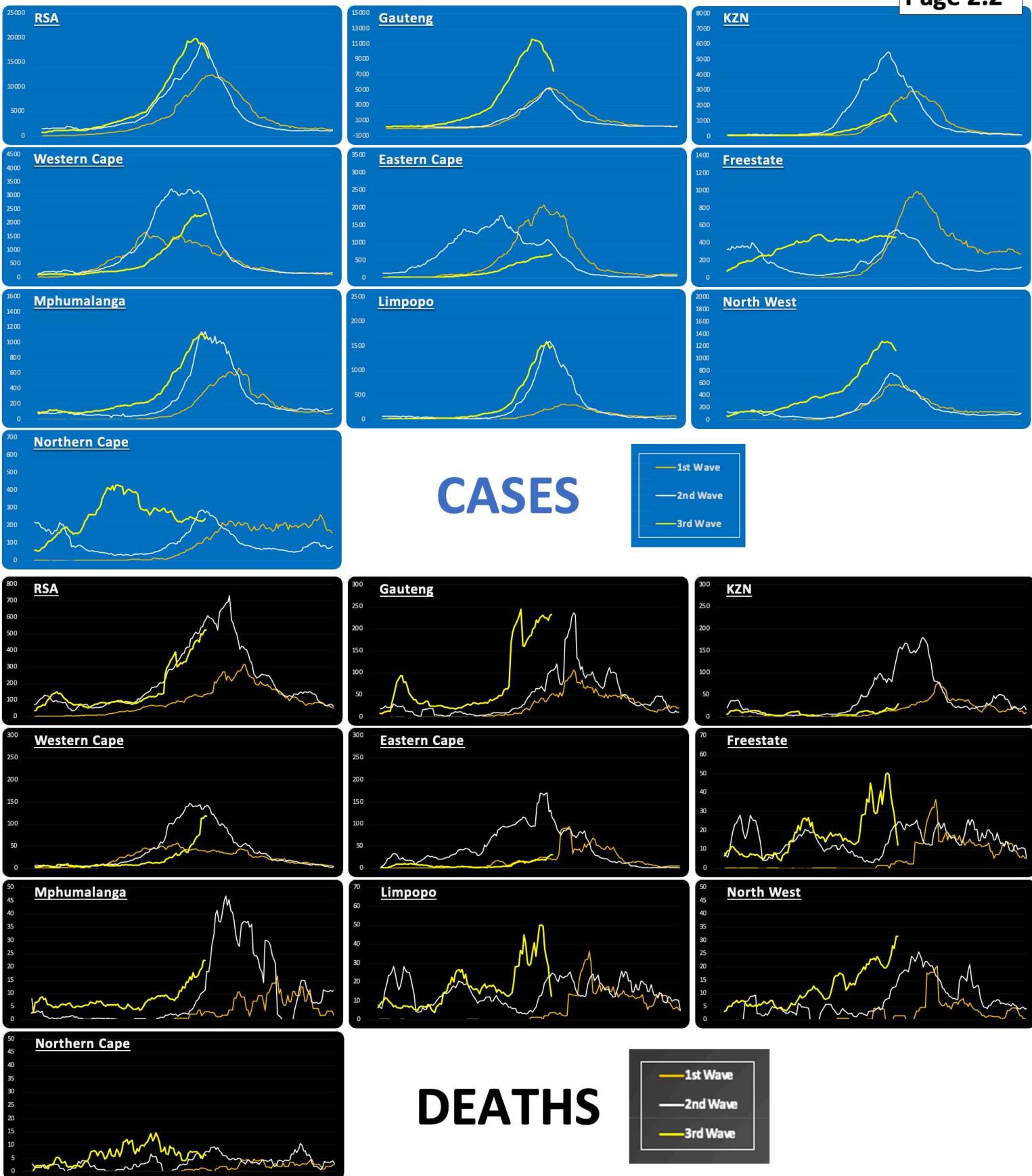
Data as at: 16 July 2021

Unless otherwise indicated

hdg 17 July 2021

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

Page 2.2

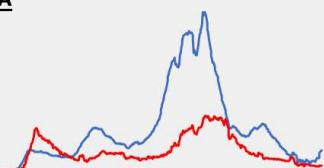


**World Daily Reported New Cases & New Deaths**  
 (Two linear vertical axes, not proportional)

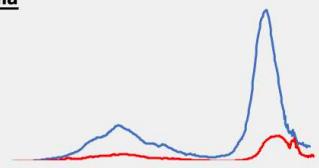
Daily Deaths 7 Day MA  
 Daily Cases 7 Day MA

**Page 2.3**

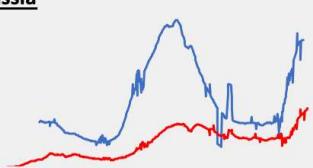
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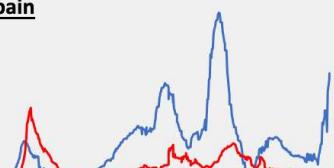
India



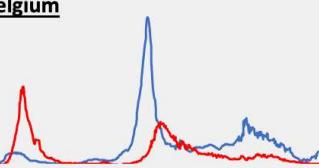
Russia



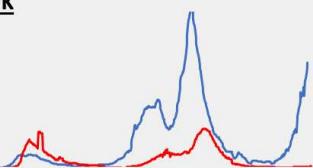
Spain



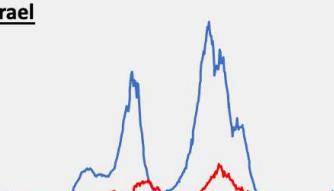
Belgium



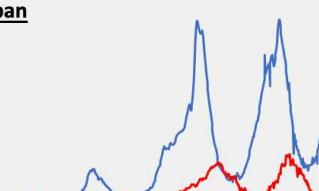
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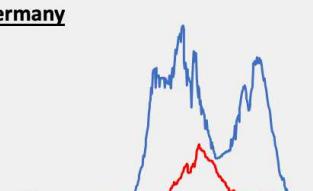
Israel



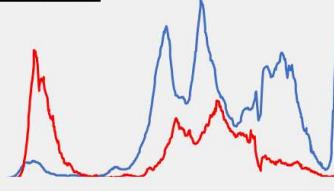
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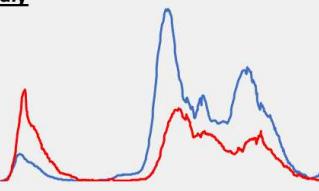
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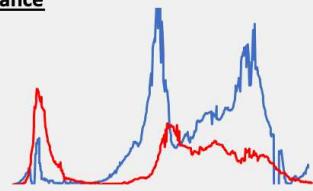
Netherlands



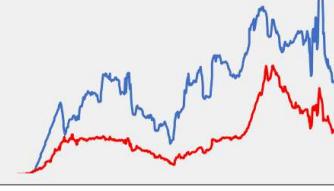
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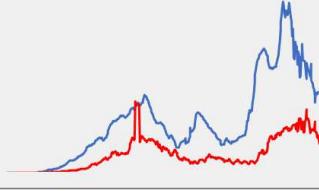
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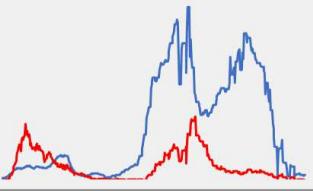
Brazil



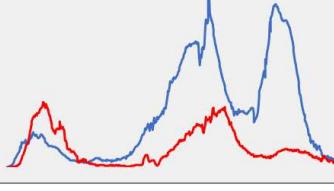
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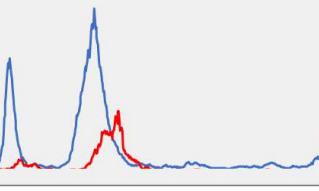
Sweden



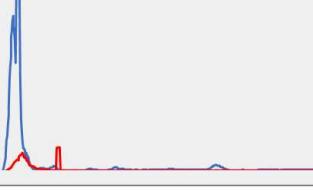
Canada



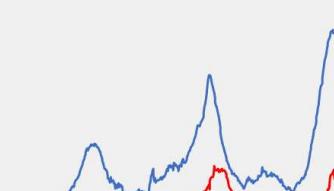
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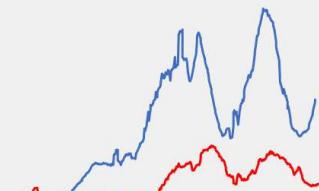
China



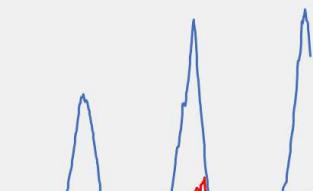
AFRICA



World



RSA



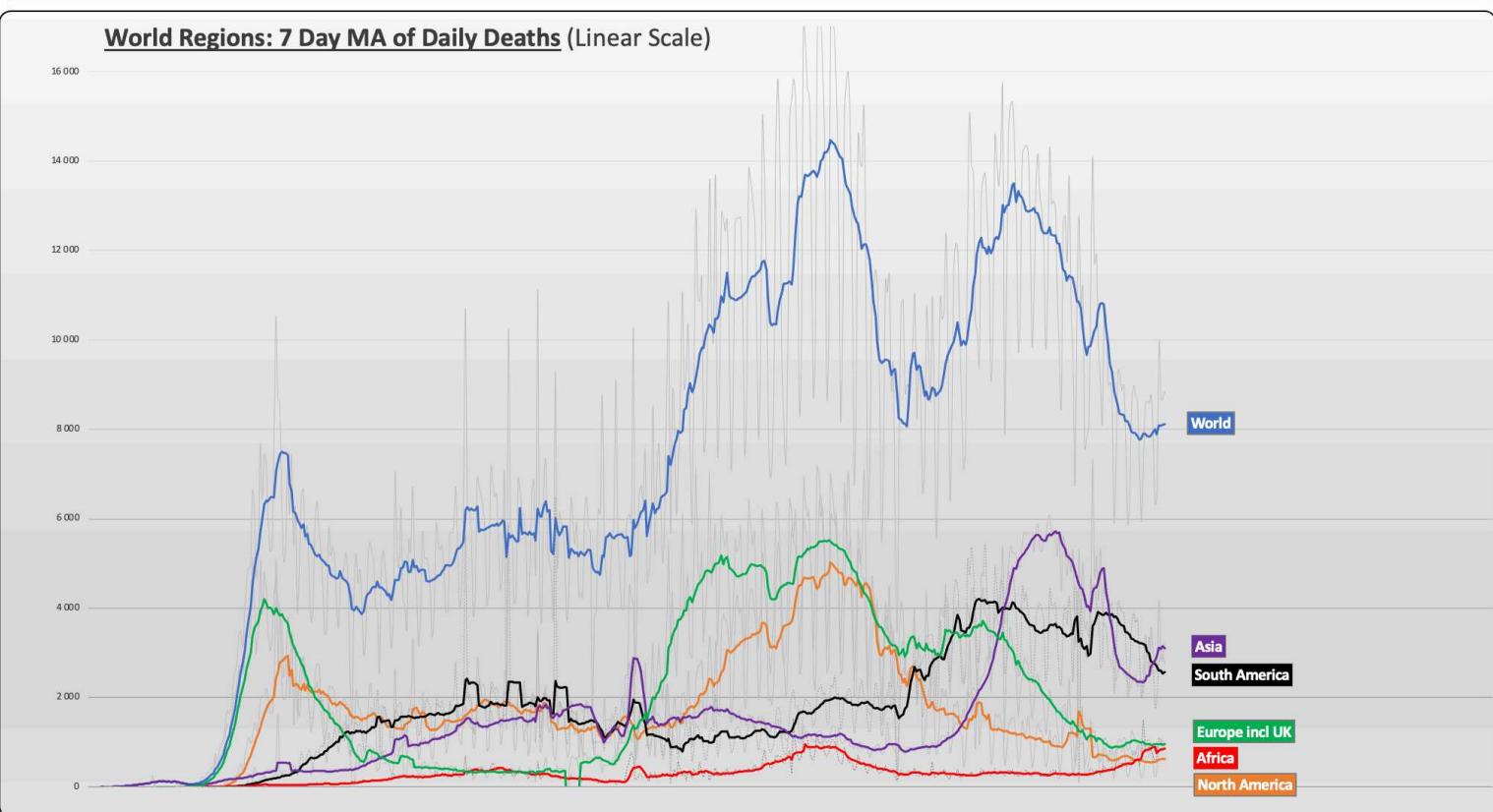
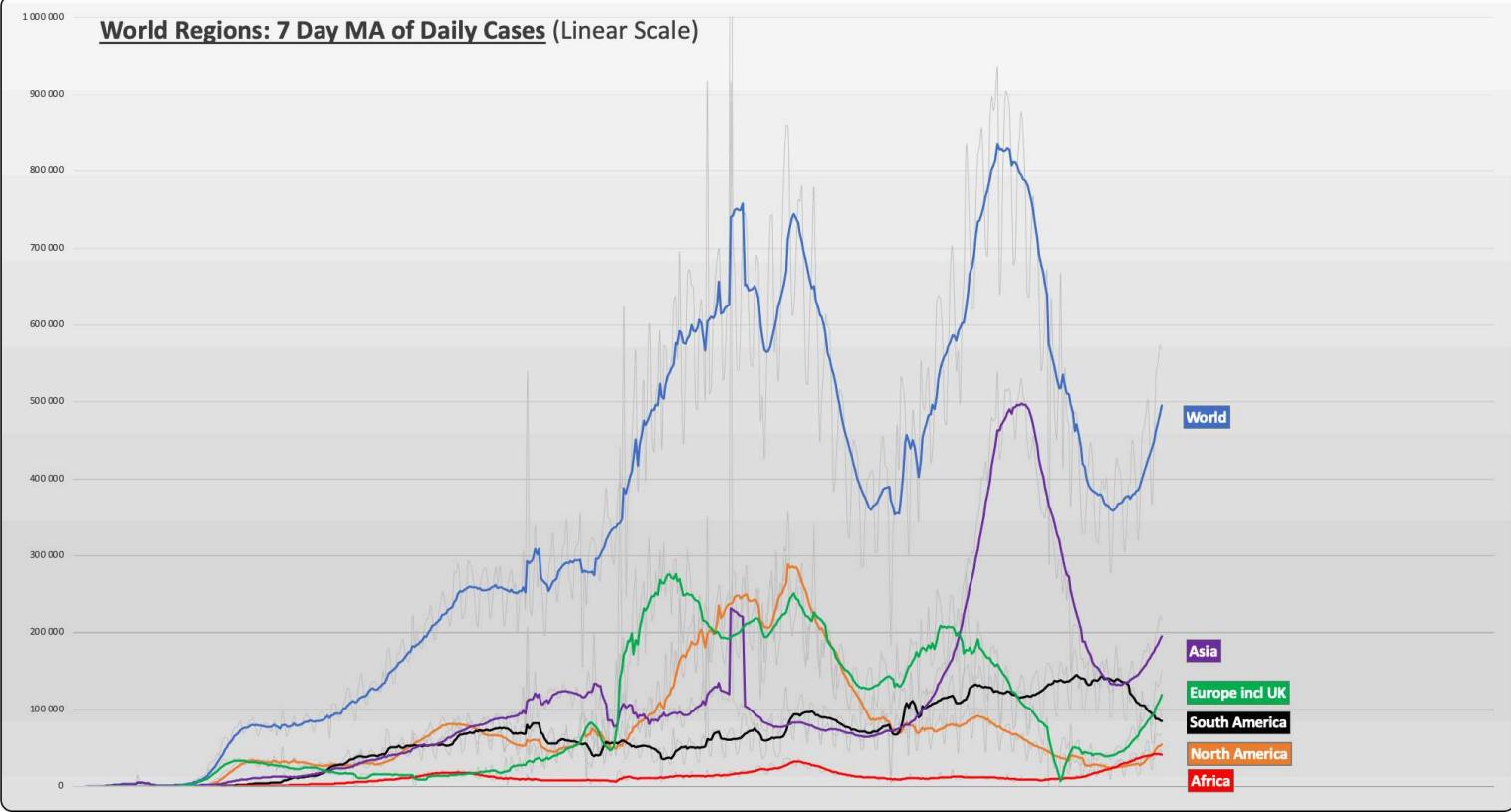
Data as at: 17 July 2021

Unless otherwise indicated

hdg 17 July 2021

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

**Page 3.0**



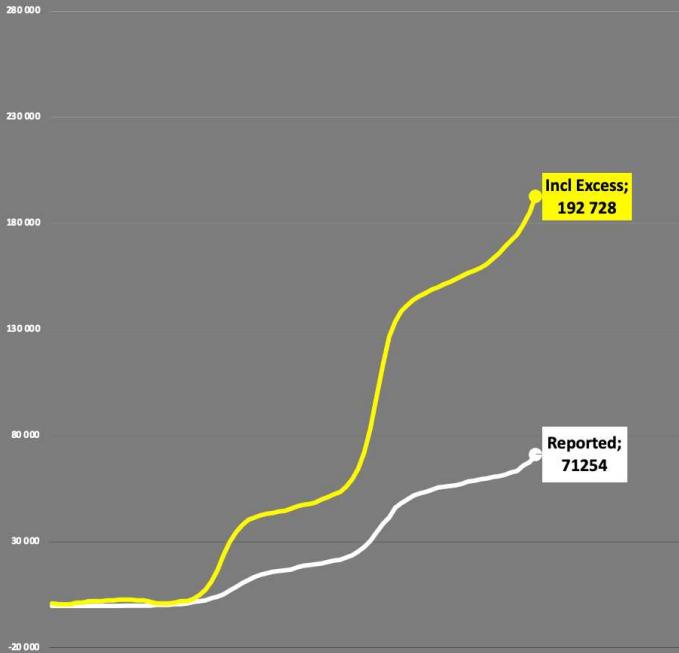
## RSA Cum & Projected Deaths (Reported & Incl Excess)

As at : 03 July 2021

Page 4

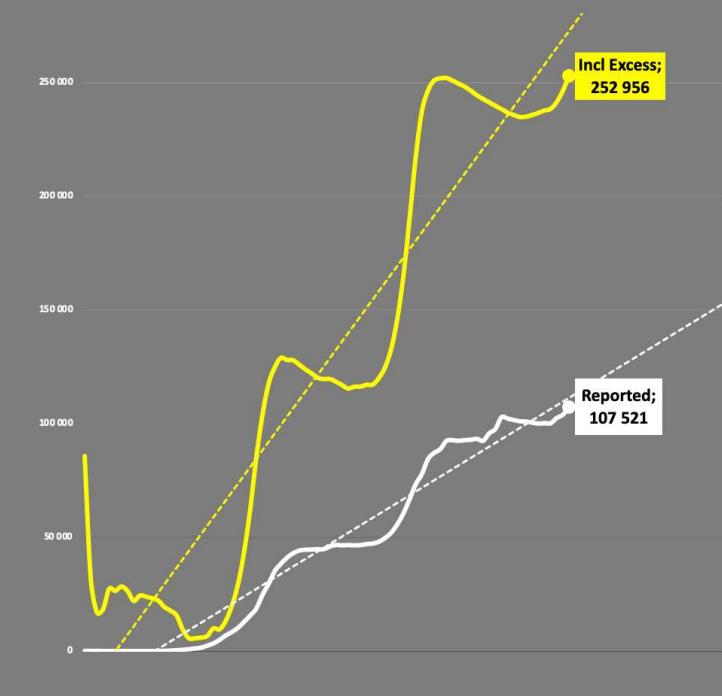
### RSA CUM DEATHS (updated weekly)

Assuming 90% of Excess Deaths are Covid related.

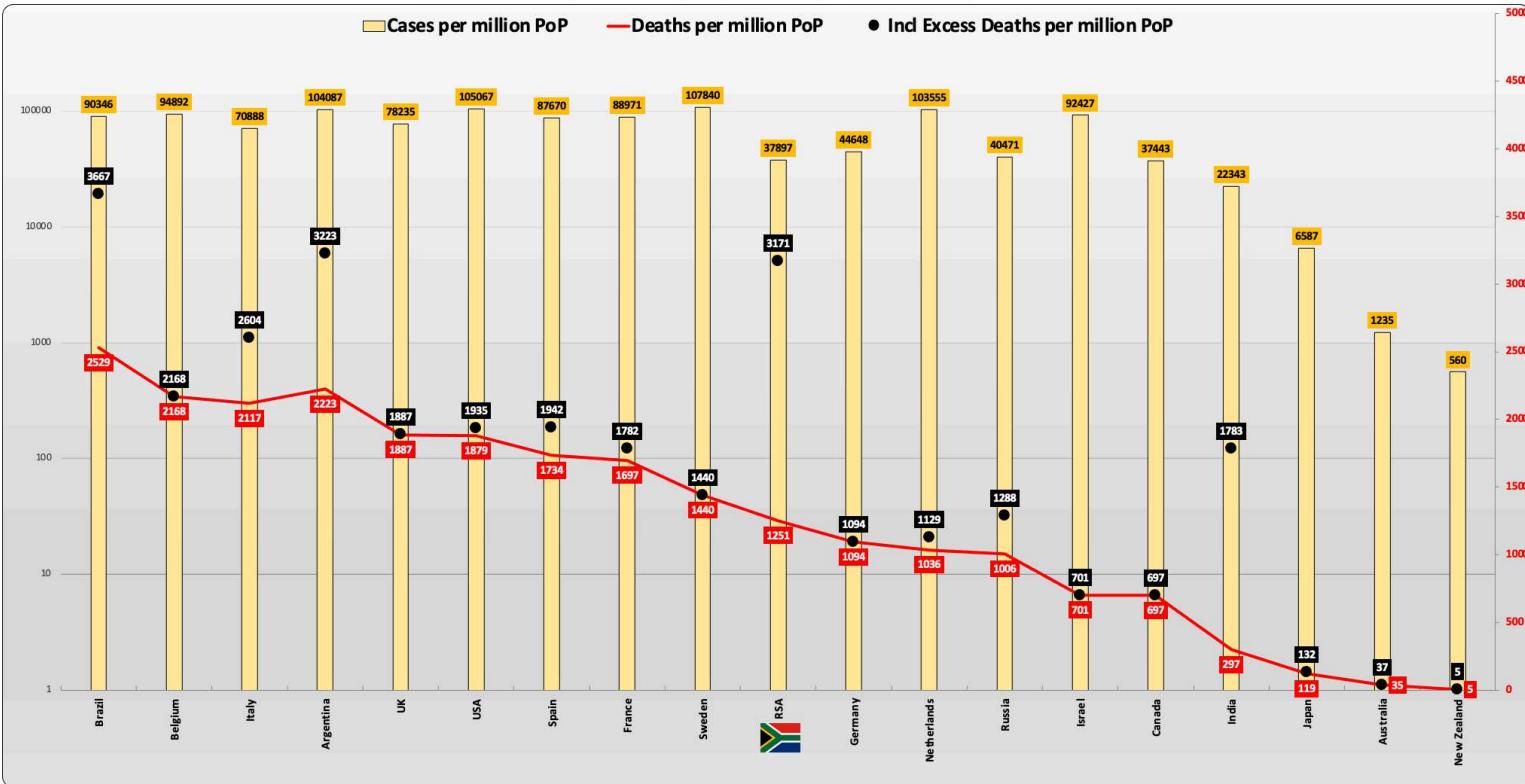


### RSA COVID DEATHS PROJECTED TO end 2021

Assuming 90% of Excess Deaths are Covid related.

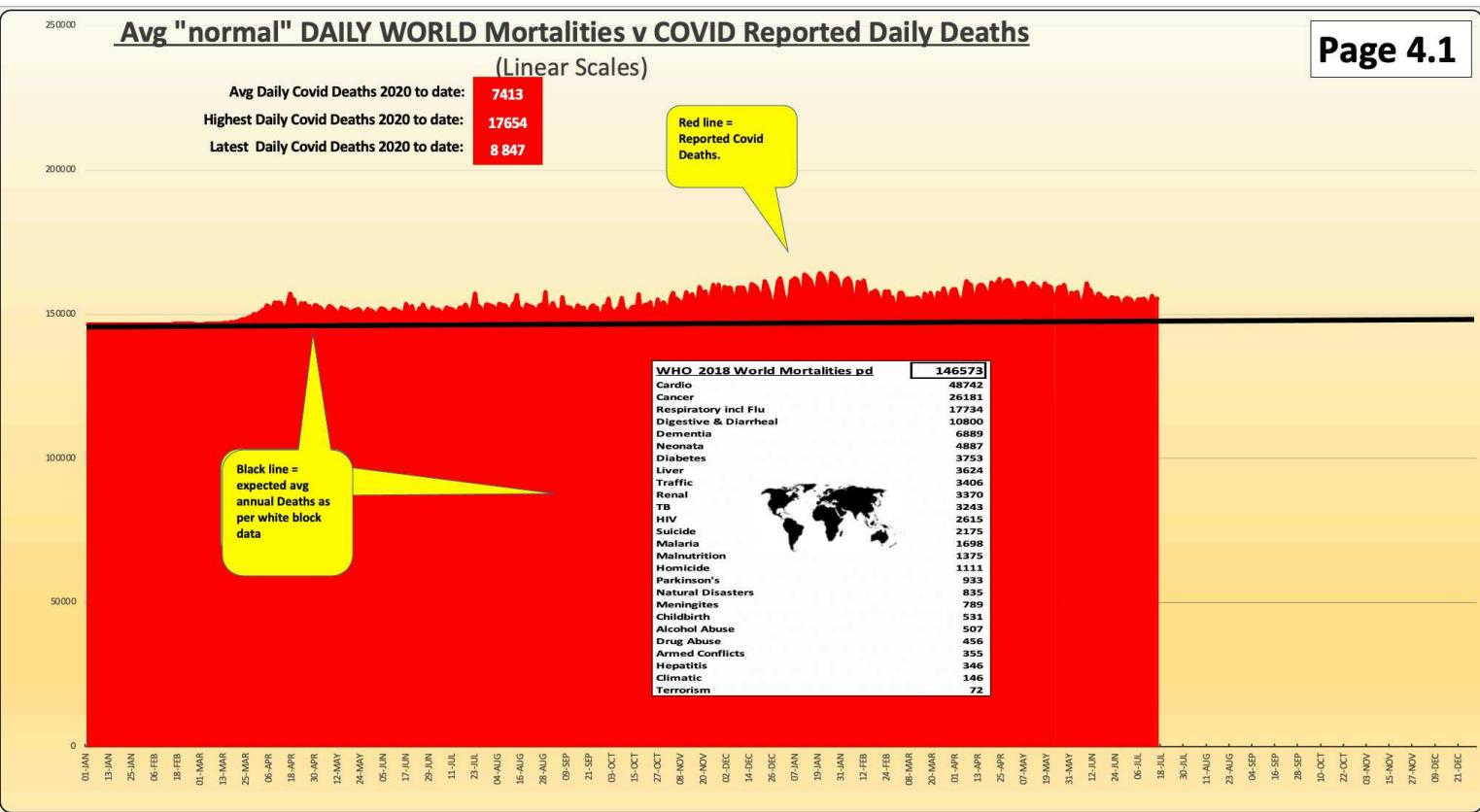


### Selected Countries' Current Reported Cases, Reported & Excess Deaths per million PoP



Data as at: 03 July 2021 Unless otherwise indicated

hdg 17 July 2021

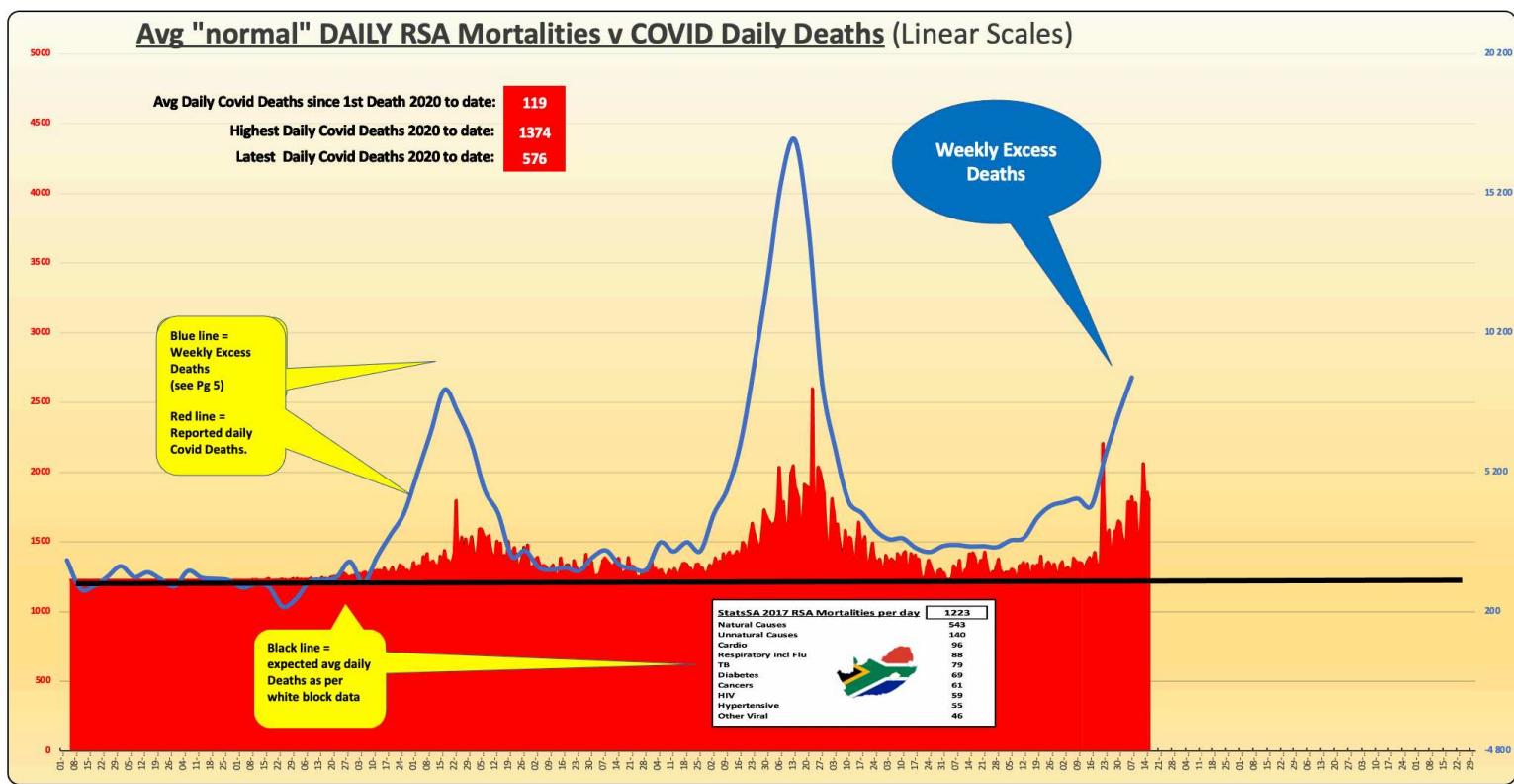


The two graphs WORLD (above) and RSA (below) attempt to put the number of Covid Deaths into some sort of perspective graphically.

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

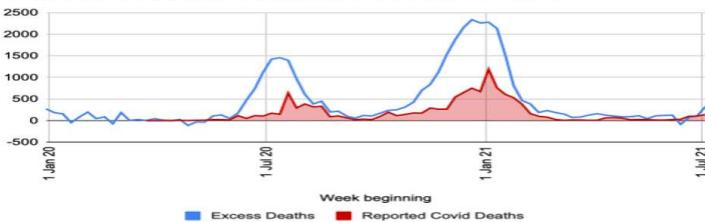
As at :

02 July 2021

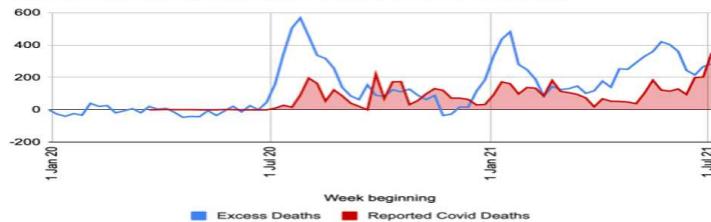
Page 4.2

### Provinces

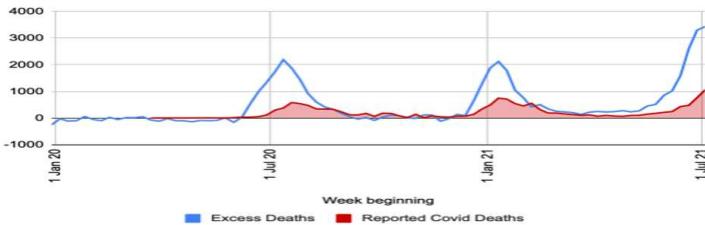
EC (Natural) Excess Deaths and Reported Covid-19 Deaths



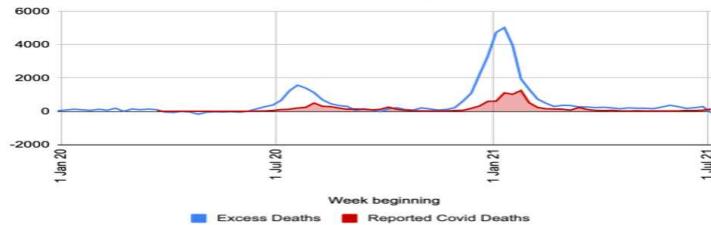
FS (Natural) Excess Deaths and Reported Covid-19 Deaths



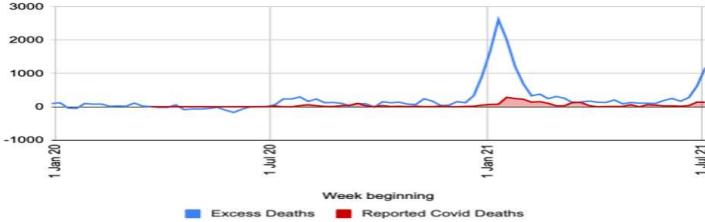
GT (Natural) Excess Deaths and Reported Covid-19 Deaths



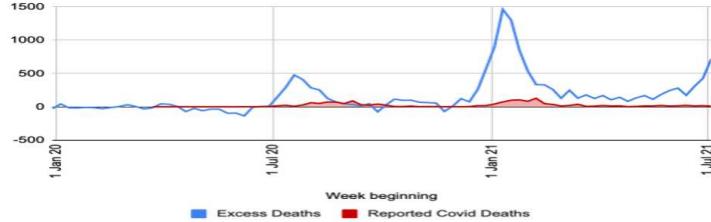
KZ (Natural) Excess Deaths and Reported Covid-19 Deaths



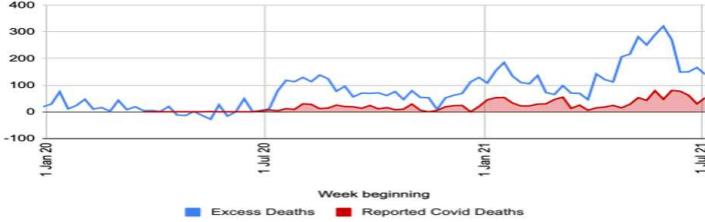
LM (Natural) Excess Deaths and Reported Covid-19 Deaths



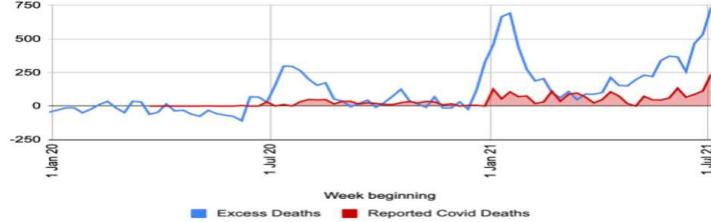
MP (Natural) Excess Deaths and Reported Covid-19 Deaths



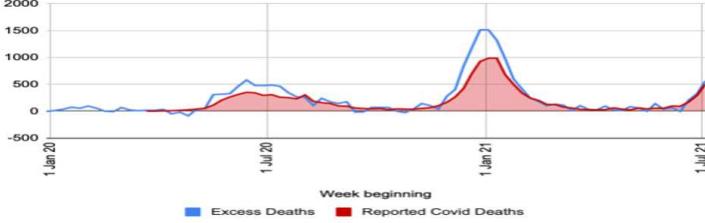
NC (Natural) Excess Deaths and Reported Covid-19 Deaths



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



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



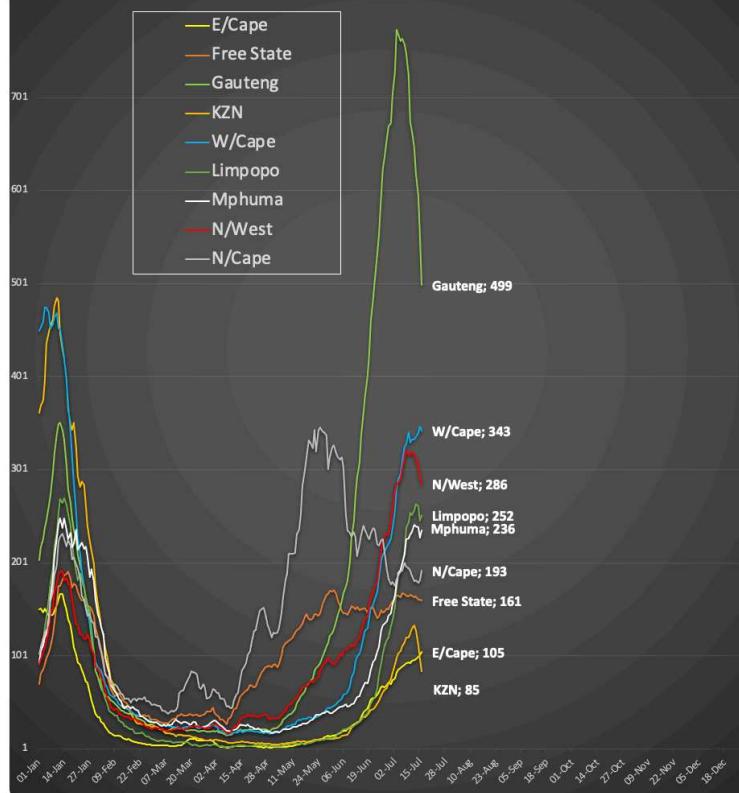
RSA (Natural) Excess Deaths and Reported Covid-19 Deaths



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

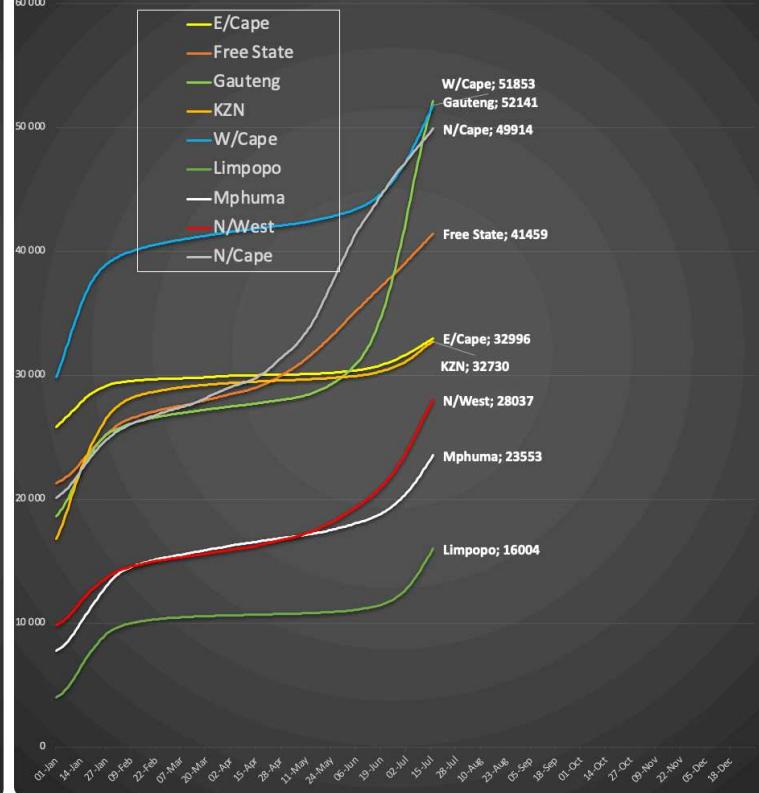
## Reported DAILY CASES per mill PoP

Jan to Dec 2021 7 Day MA



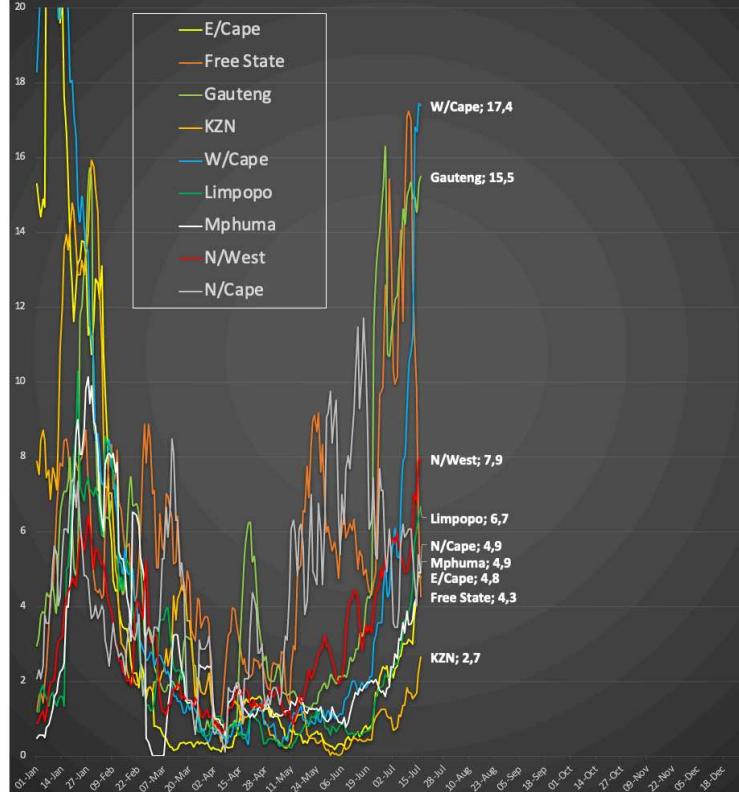
## Reported CUM CASES per mill PoP

Jan to Dec 2021 7 Day MA



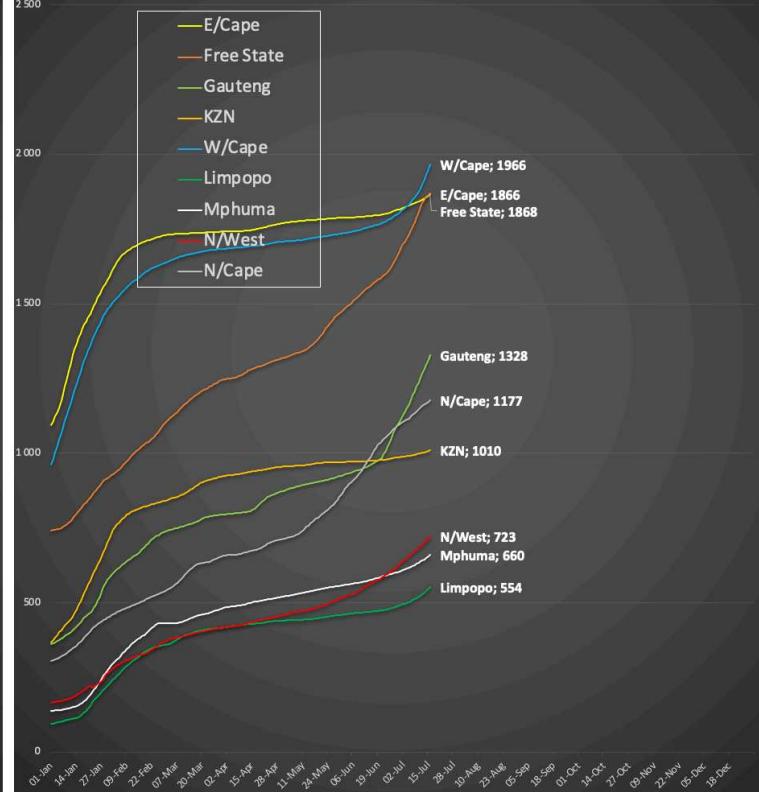
## Reported DAILY DEATHS per mill PoP

Jan to Dec 2021 7 Day MA



## Reported CUM DEATHS per mill PoP

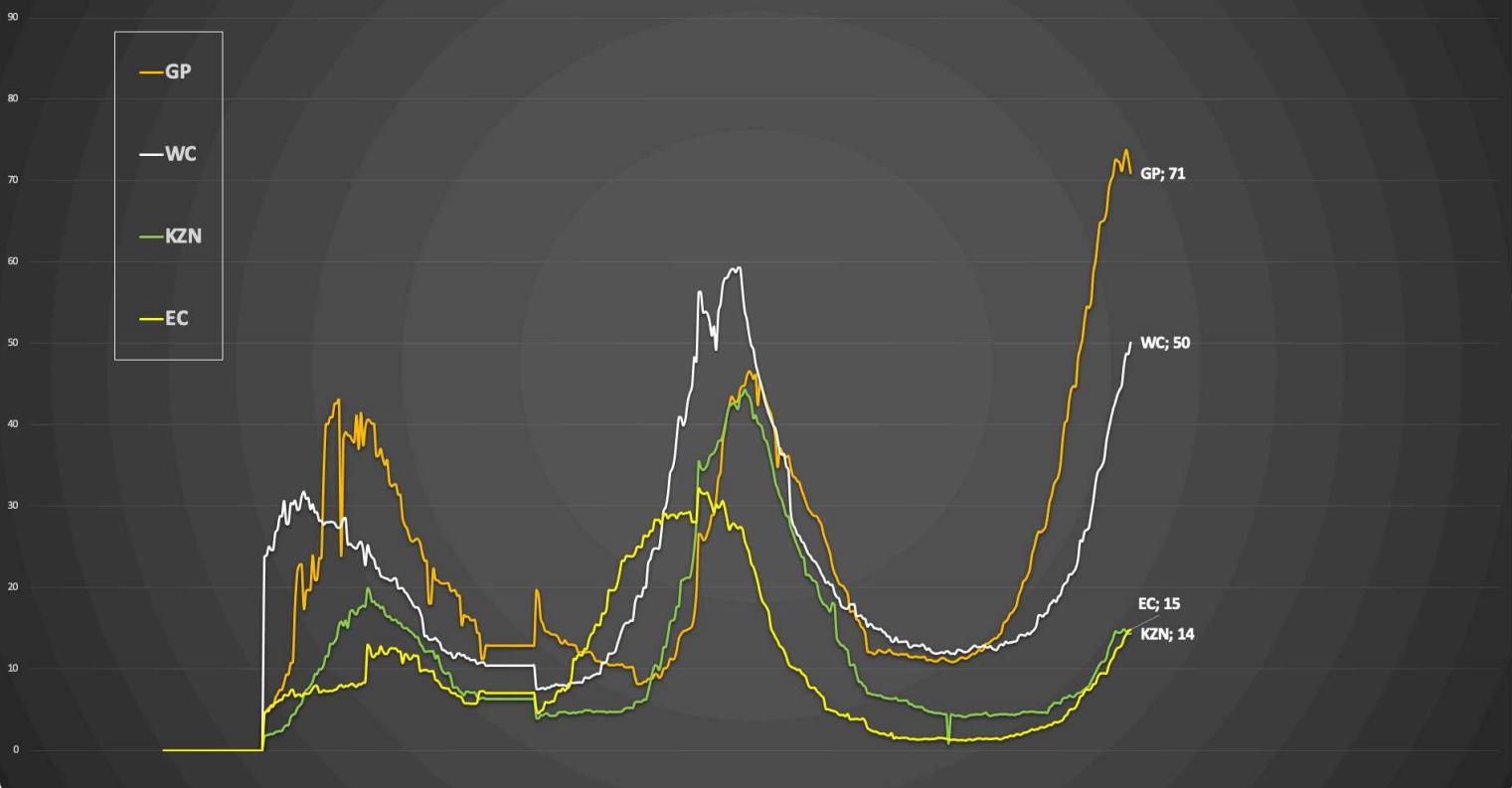
Jan to Dec 2021 7 Day MA



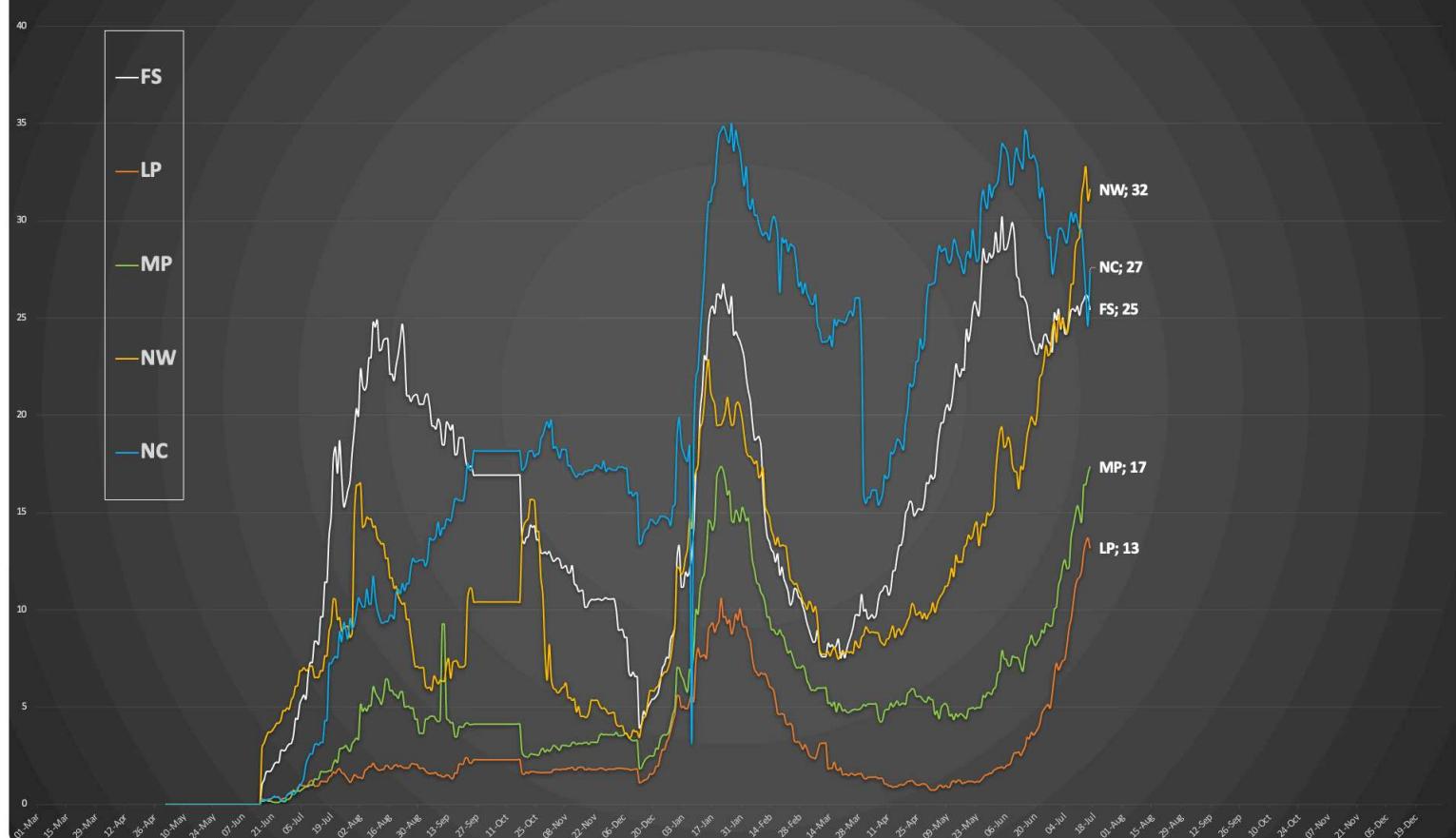
## RSA Provinces Comparative Daily Hospitalisations

Page 5.1

Major Provinces: Daily In Hospital per 100k PoP



Smaller Provinces: Daily In Hospital per 100k PoP

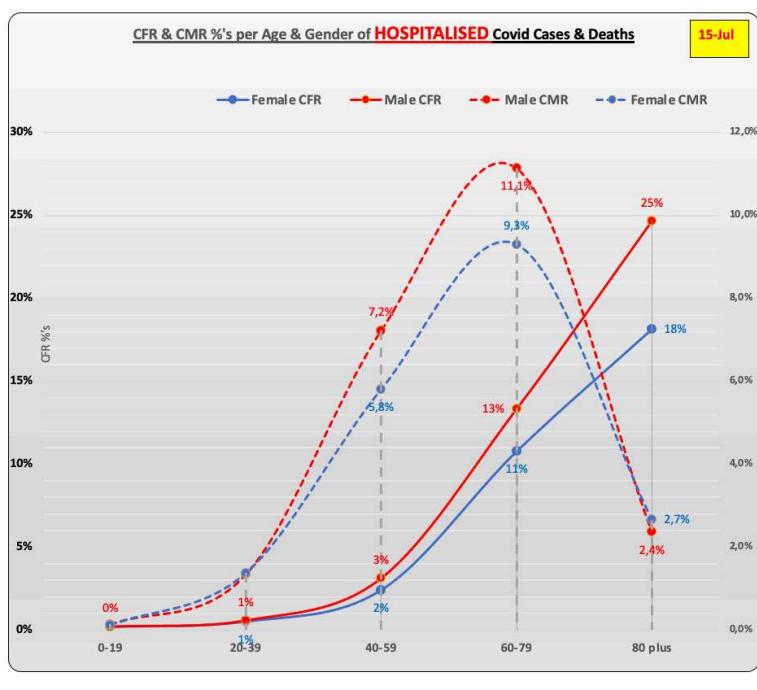
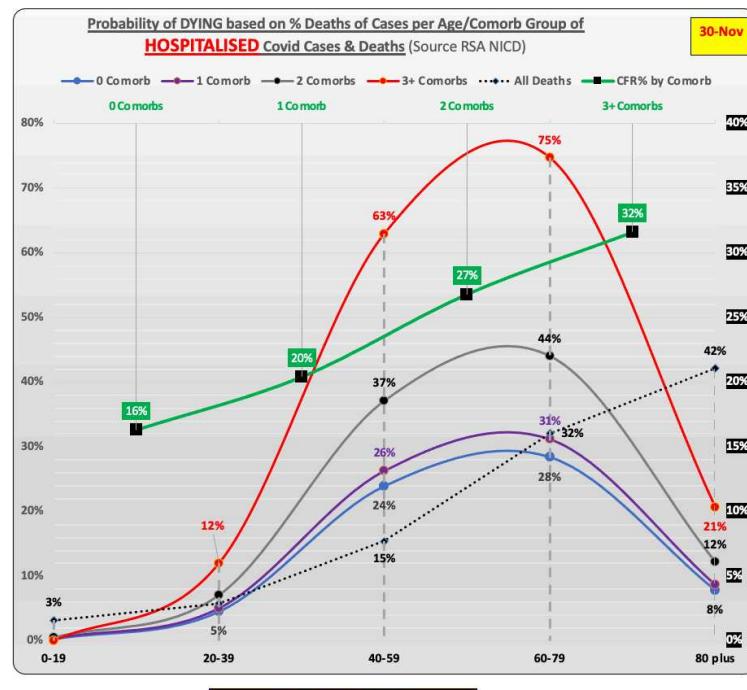
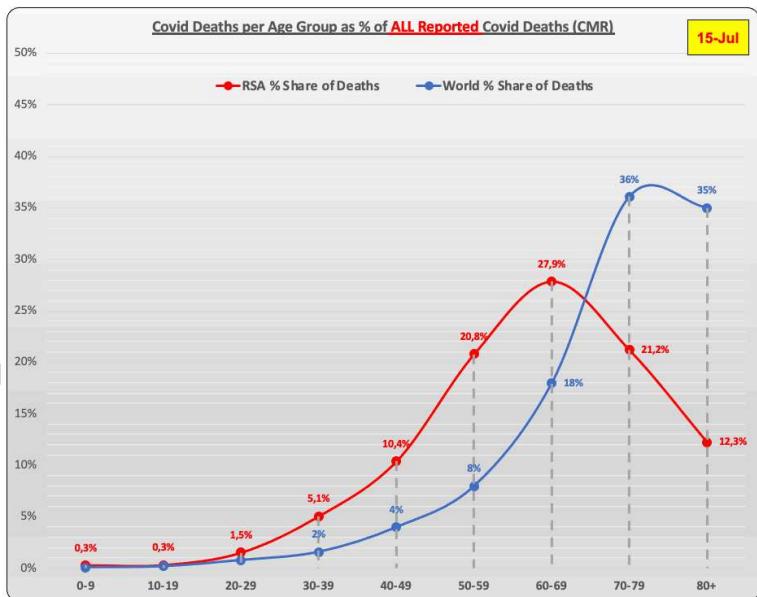
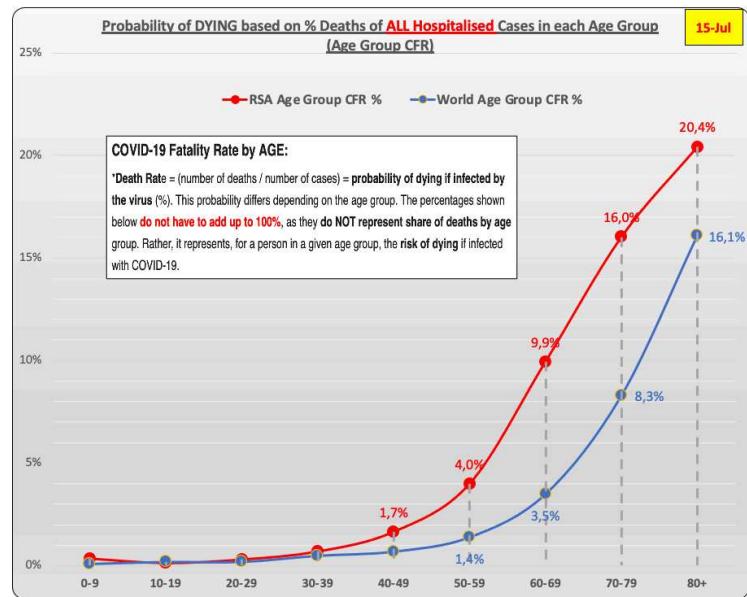
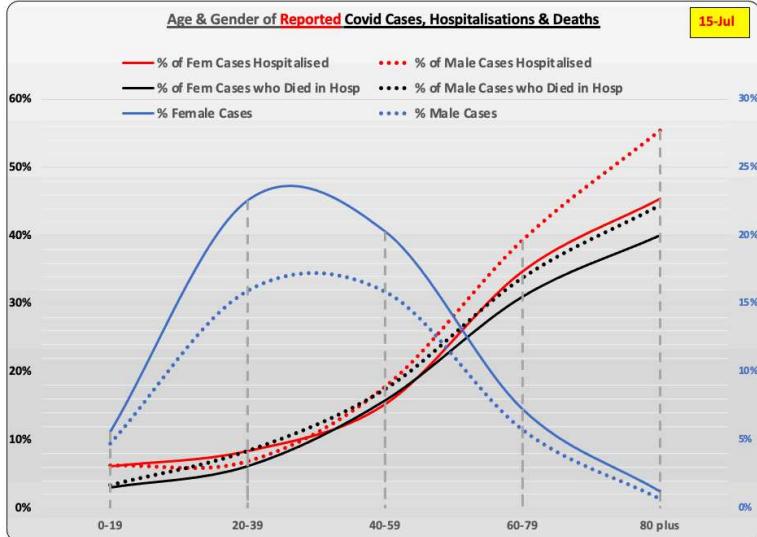
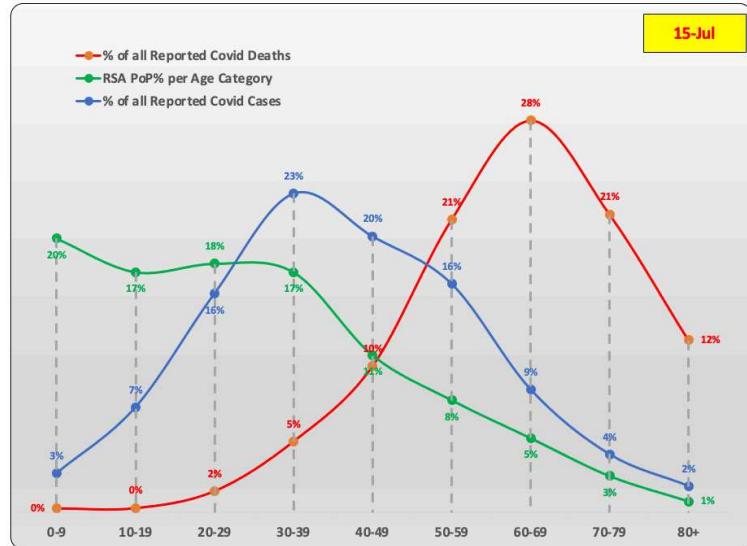


Data as at: 16 July 2021

hdg 17 July 2021

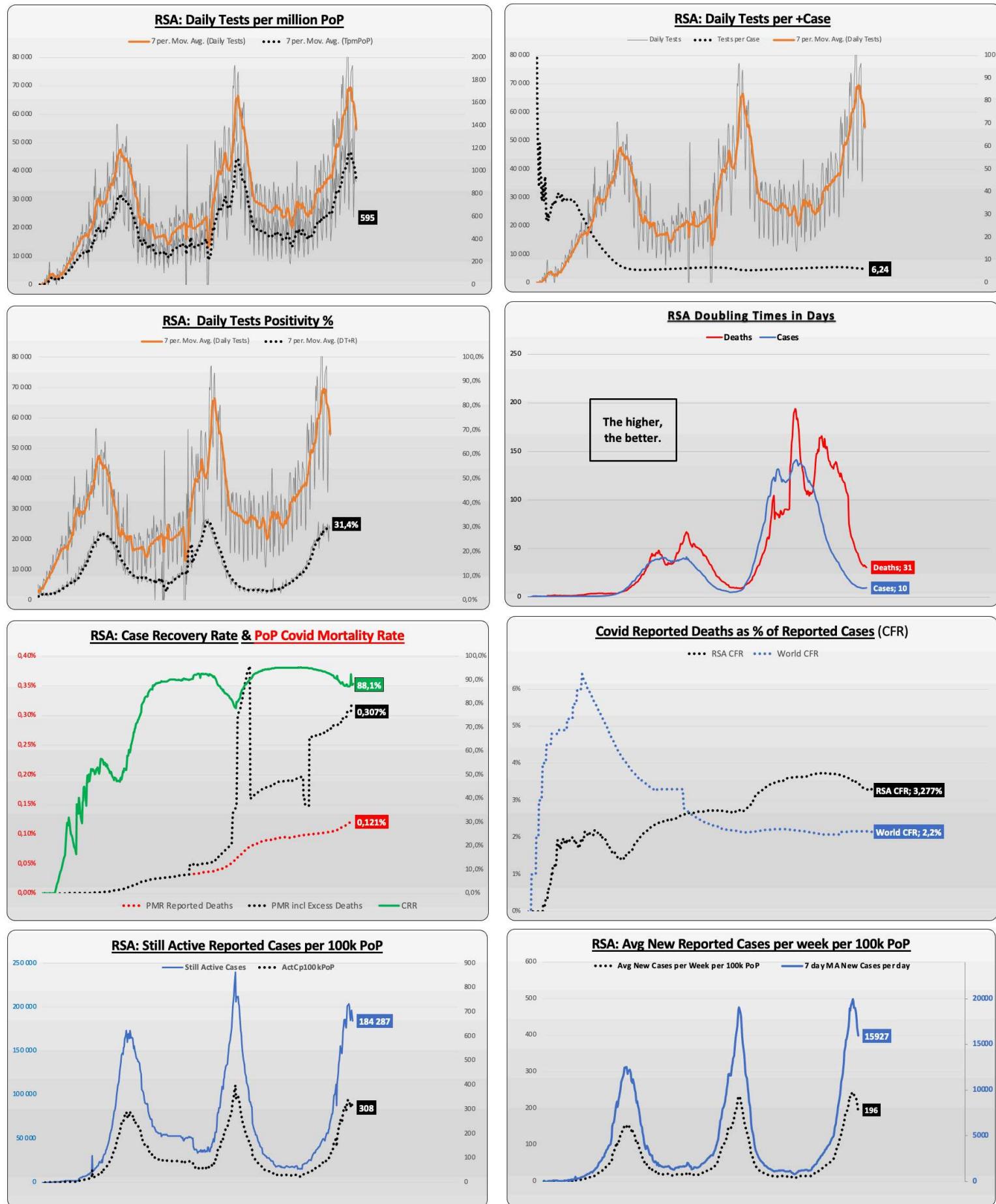
# RSA Age & Gender Stats

Page 6



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

Page 6.1



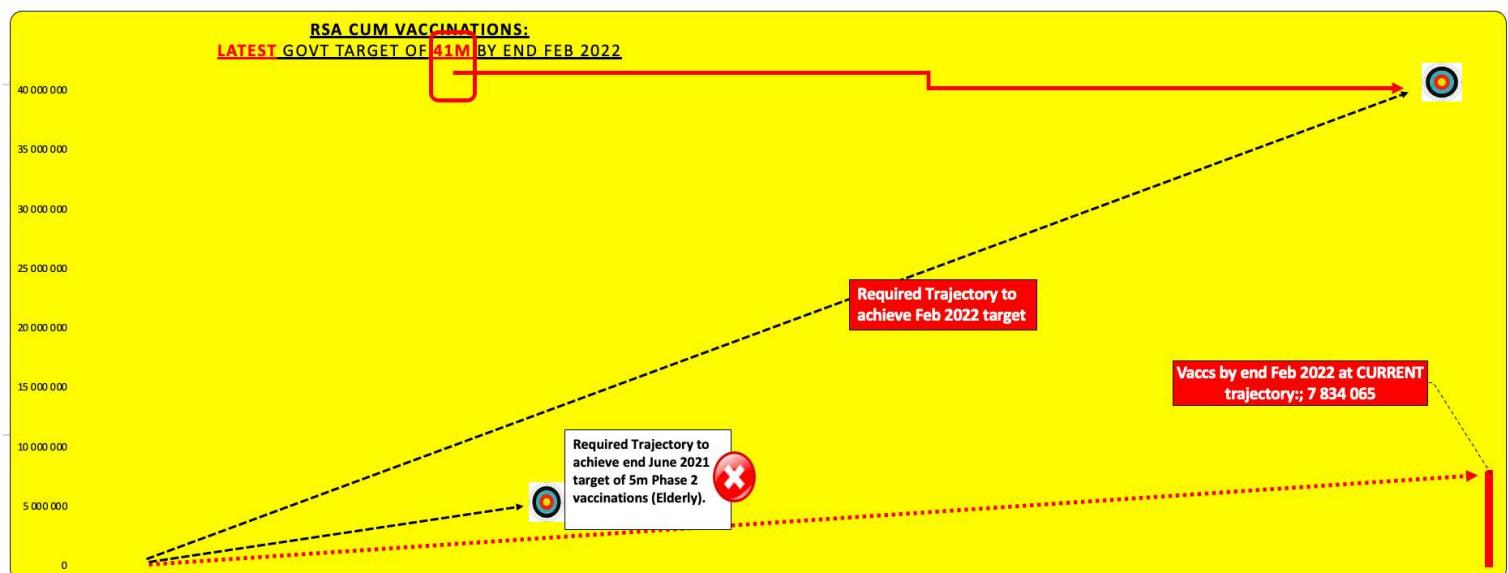
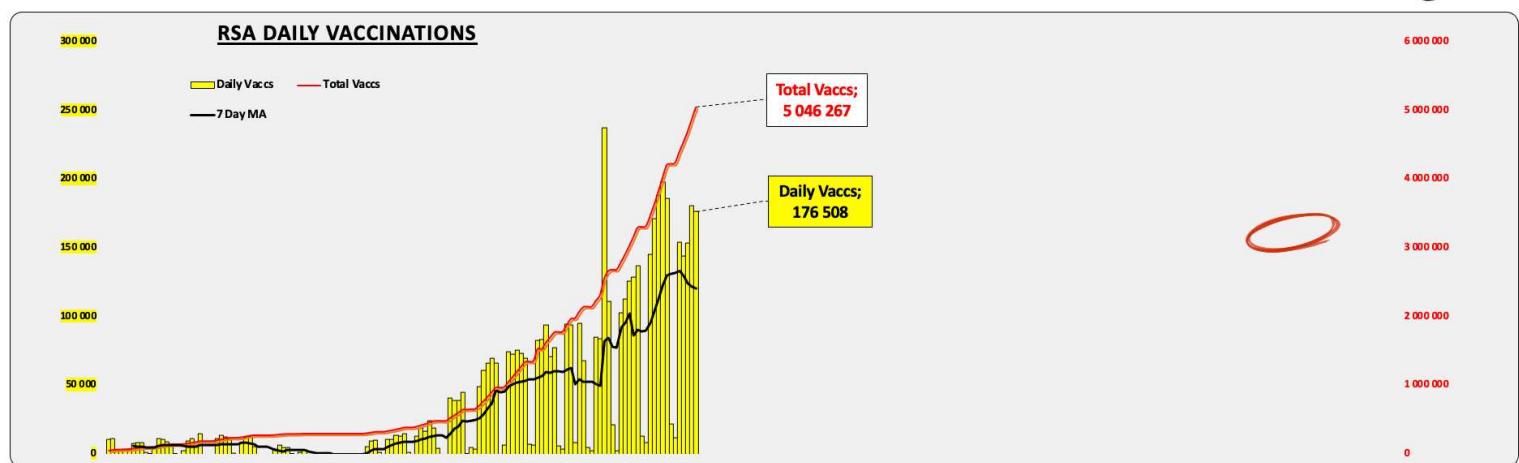
Data as at: 16 July 2021

Unless otherwise indicated

hdg 17 July 2021

# Vaccination Data

Page 7



## Selected countries who publish their VAC data

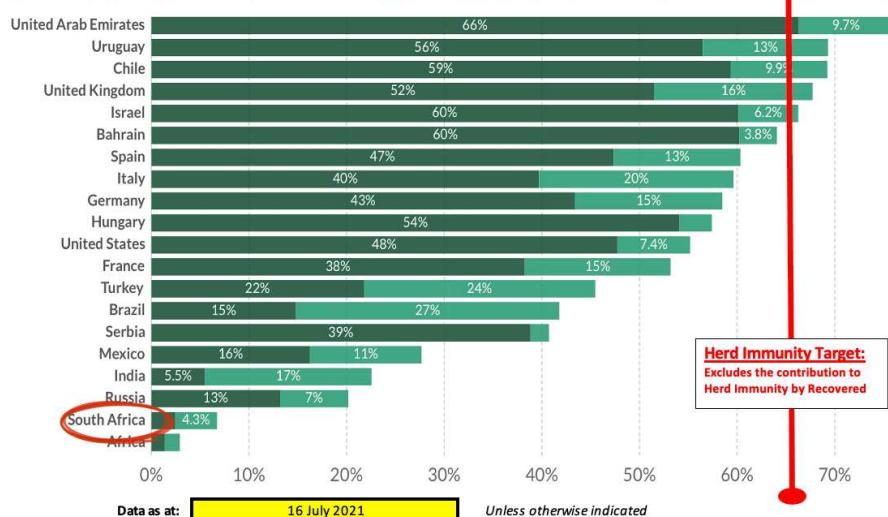
Share of people vaccinated against COVID-19, Jul 13, 2021

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

Our World  
in Data

+ Add country

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:	5 046 267	Avg Vaccs per day:	35 289
Fully Vaccsed:	479 768	Avg Vaccs per day over the last 7 days :	120 425
Single & Double Doses :	4 566 499	Phase 1 : Health Care Workers	
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

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>3,14</b> Years
Time to achieve Herd Immunity at daily rate of Vaccinations over the past 7 DAYS	<b>0,92</b> Years



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

Data as at: 16 July 2021

Unless otherwise indicated

hdg

17 July 2021

# 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

<b>J&amp;J</b>	Johnson & Johnson = 31.2 million ** (mainly for use in rural districts)
<b>Pfizer</b>	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.



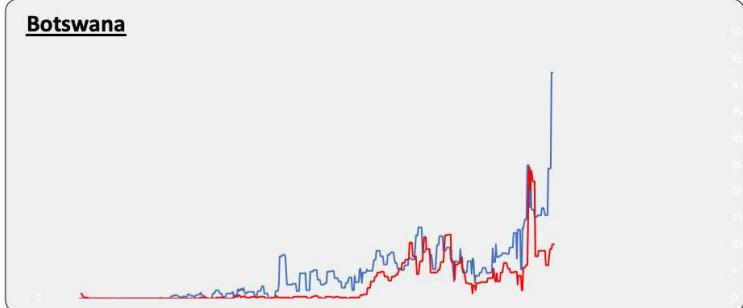
## Southern Africa Daily Reported New Cases & Deaths 7 Day MA

Page 8

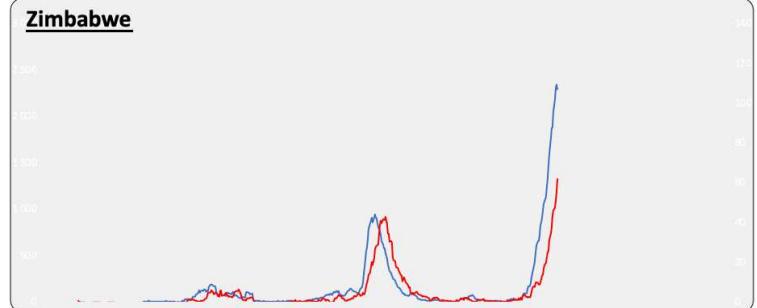
(Jan 2020 to Present)

CASES DEATHS

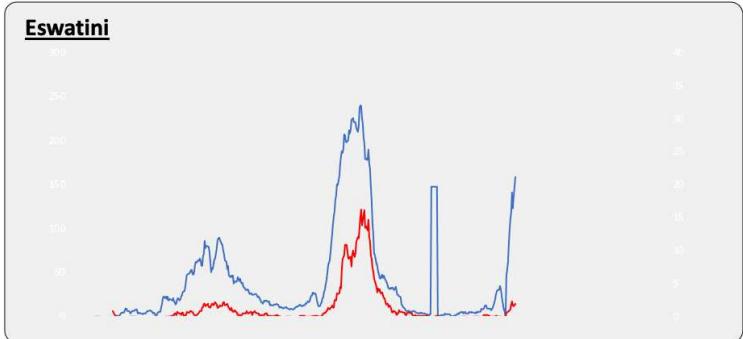
Botswana



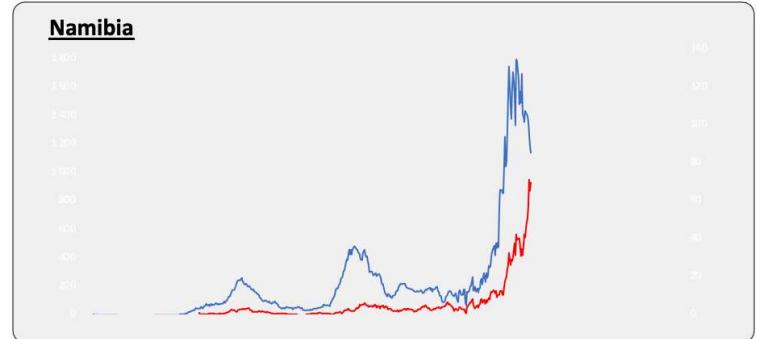
Zimbabwe



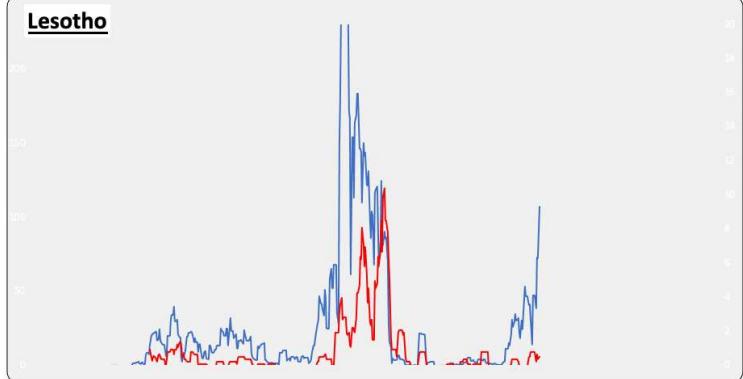
Eswatini



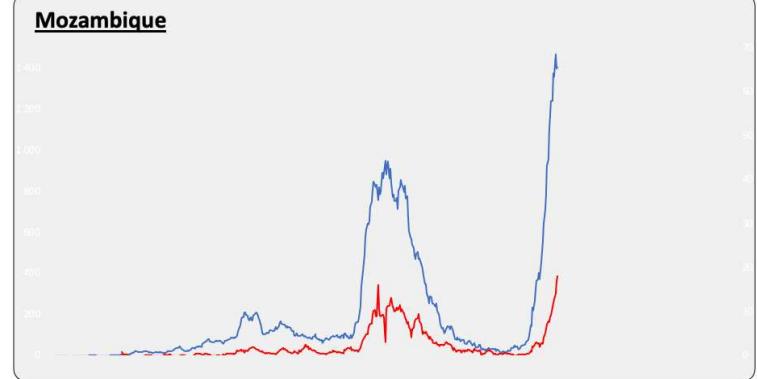
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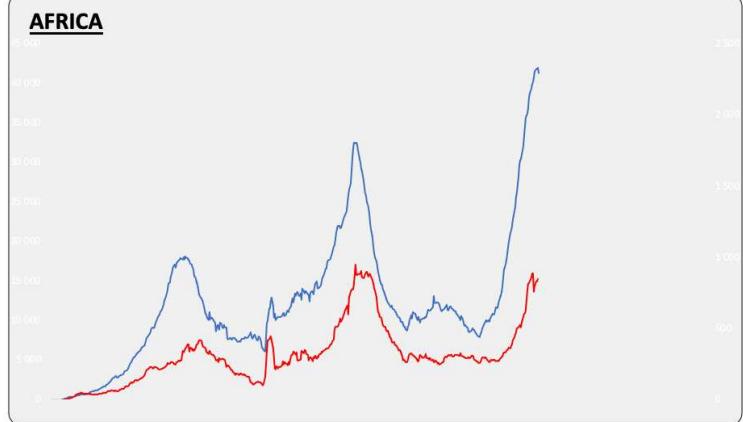
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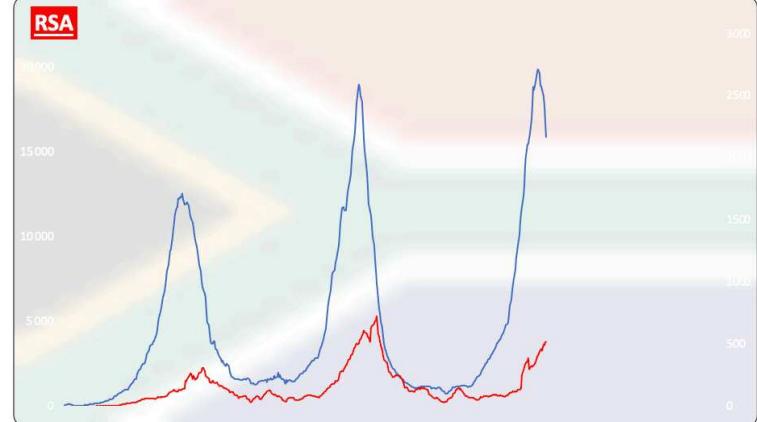
Mozambique



AFRICA



**RSA**



Data as at:

17 July 2021

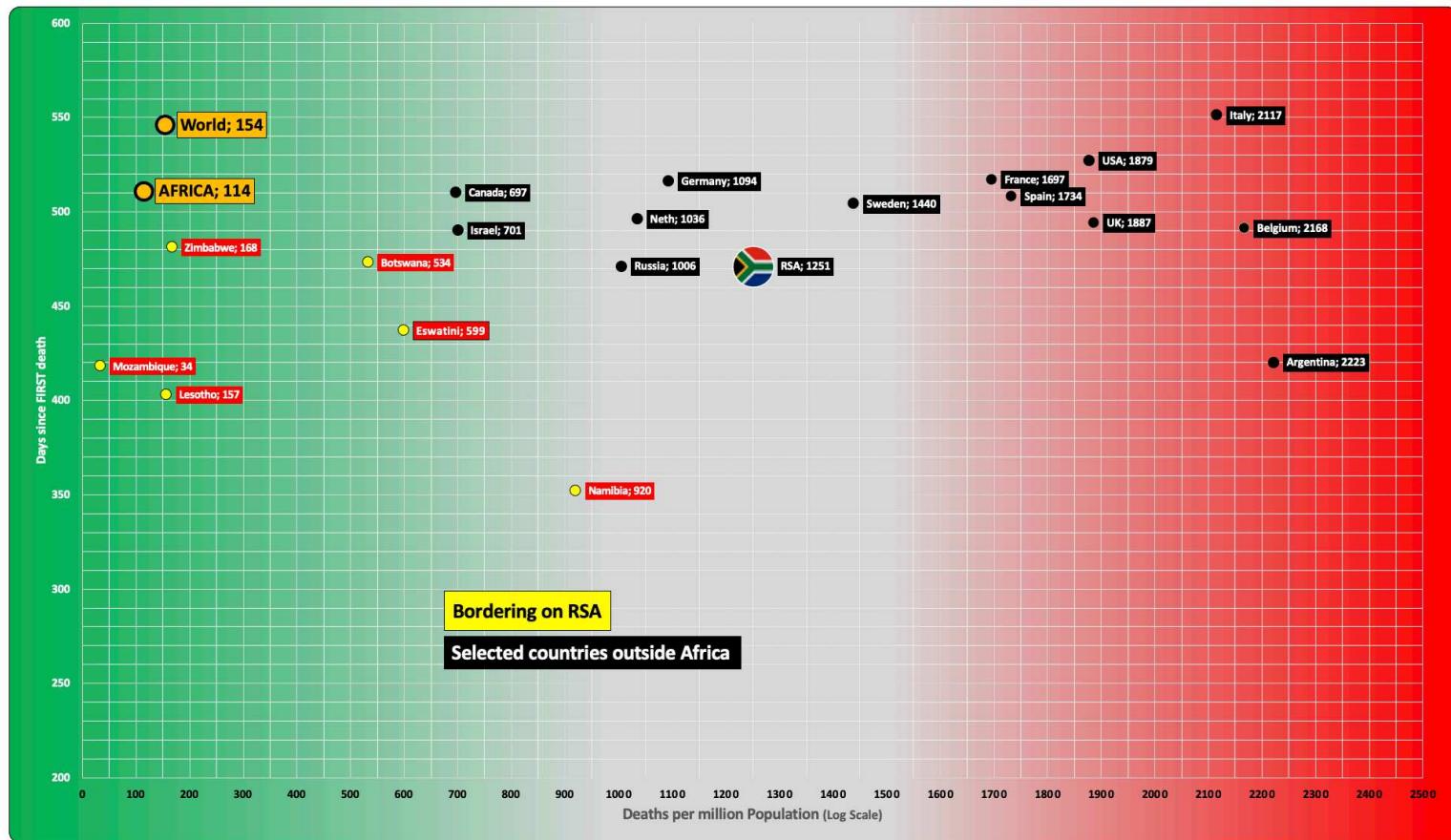
Unless otherwise indicated

hdg

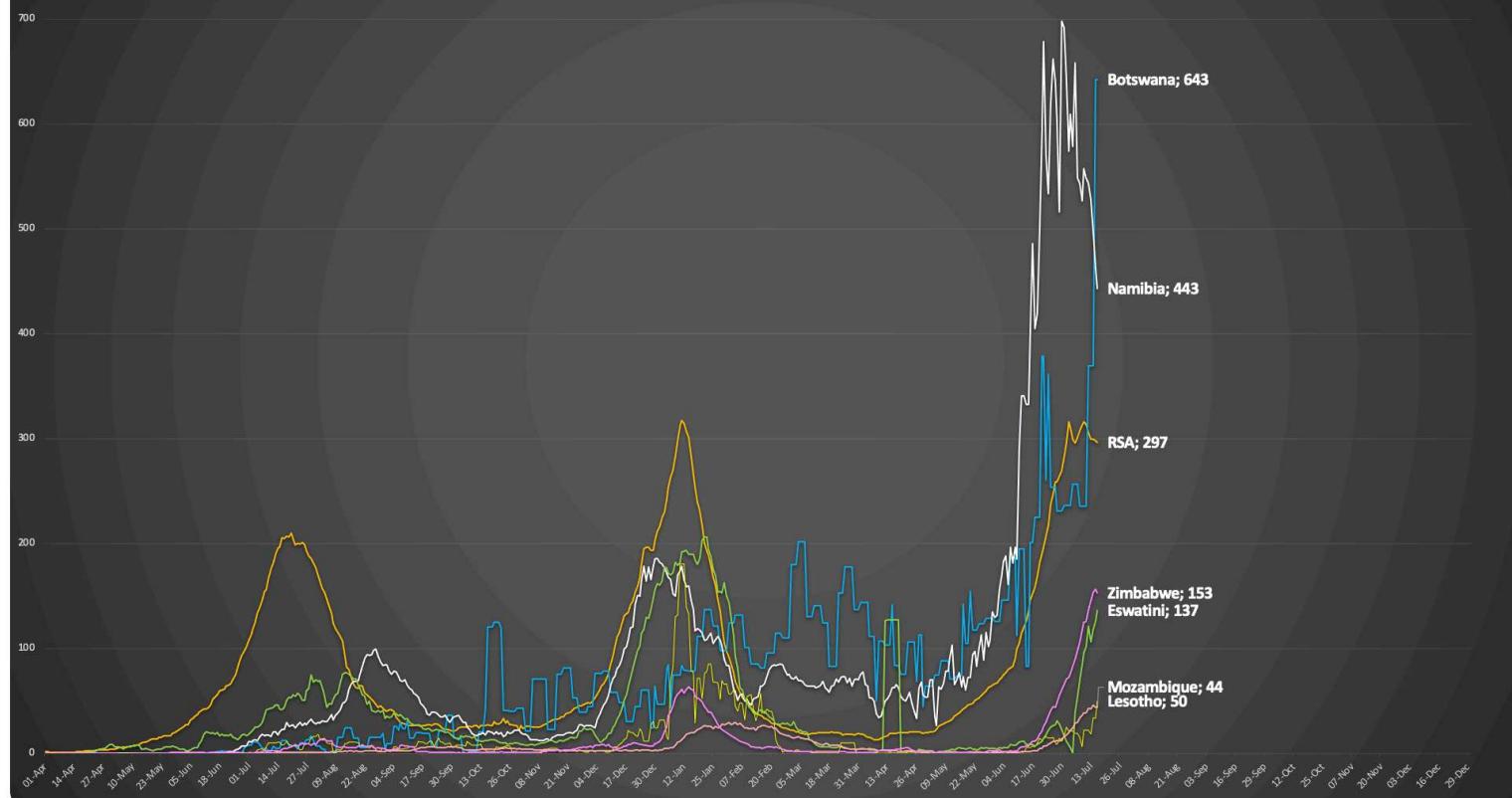
17 July 2021

## 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....

