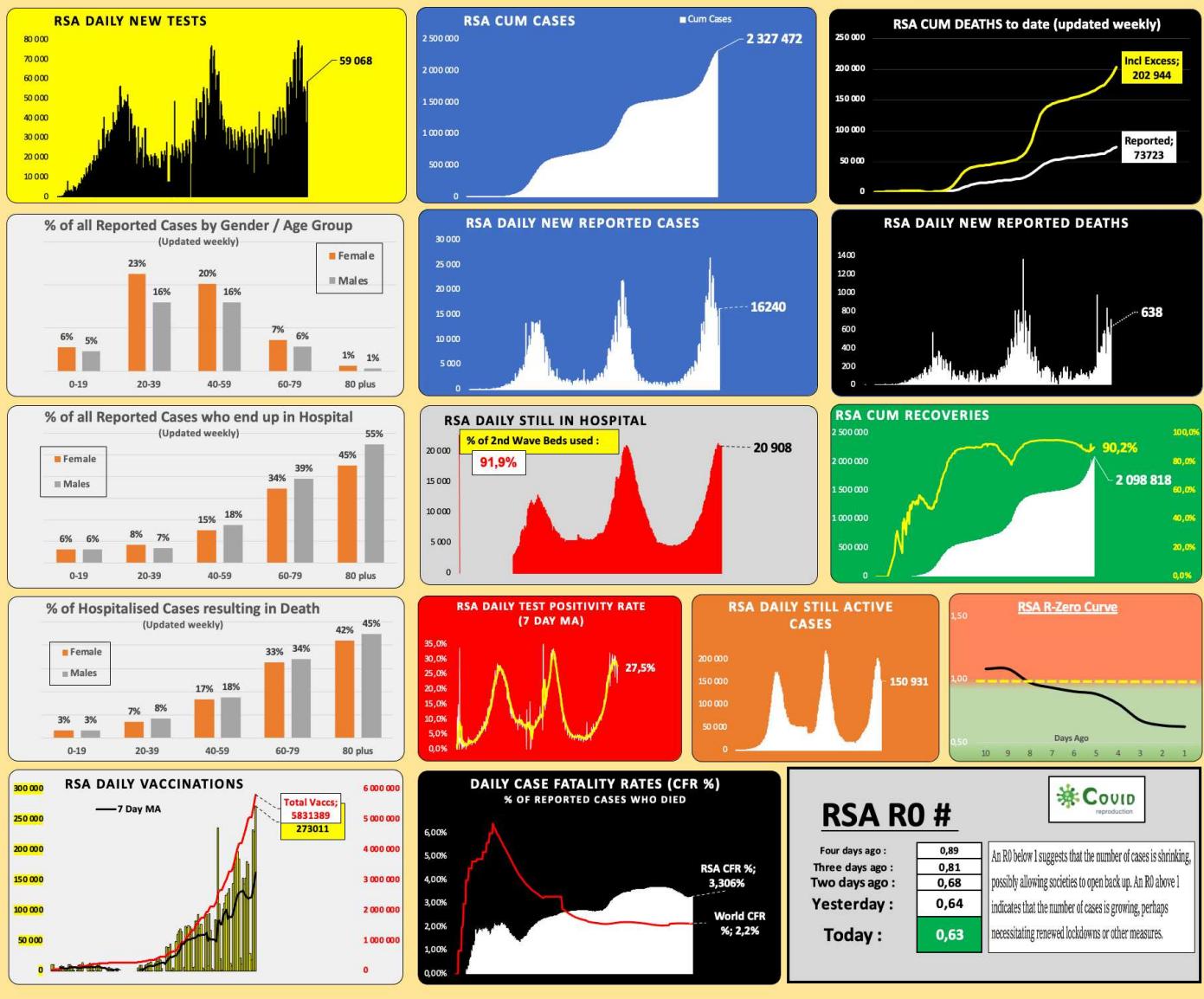


# HarryG COVID-19 Dashboard

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
2 327 472	16 240	Cum Cases p mill PoP	Cum Deaths p mill PoP			Reported Cases	Hospital Cases		
Still Active +Cases	150 931	38 870	1294		20908	3,33%	20,70%	Daily Avg	39 401 2,81 Yrs
22 July 2021					% of RSA PoP who have died :	Reported Deaths Incl Excess Deaths	7 Day MA Vaccs per day	163 230 0,68 Yrs	
Cum Deaths Daily	77 470	638			0,129%	0,242%	Total to date:	5 831 389	
77 470	638		End 2021 Proj Deaths as % :		Reported Deaths Incl Excess Deaths				
Cases Deaths CFR Hospitalised					0,24%	0,50%			
56,9% 51,5% 2,82% 55,0%									
43,1% 48,5% 3,51% 45,0%									
21-Jul									

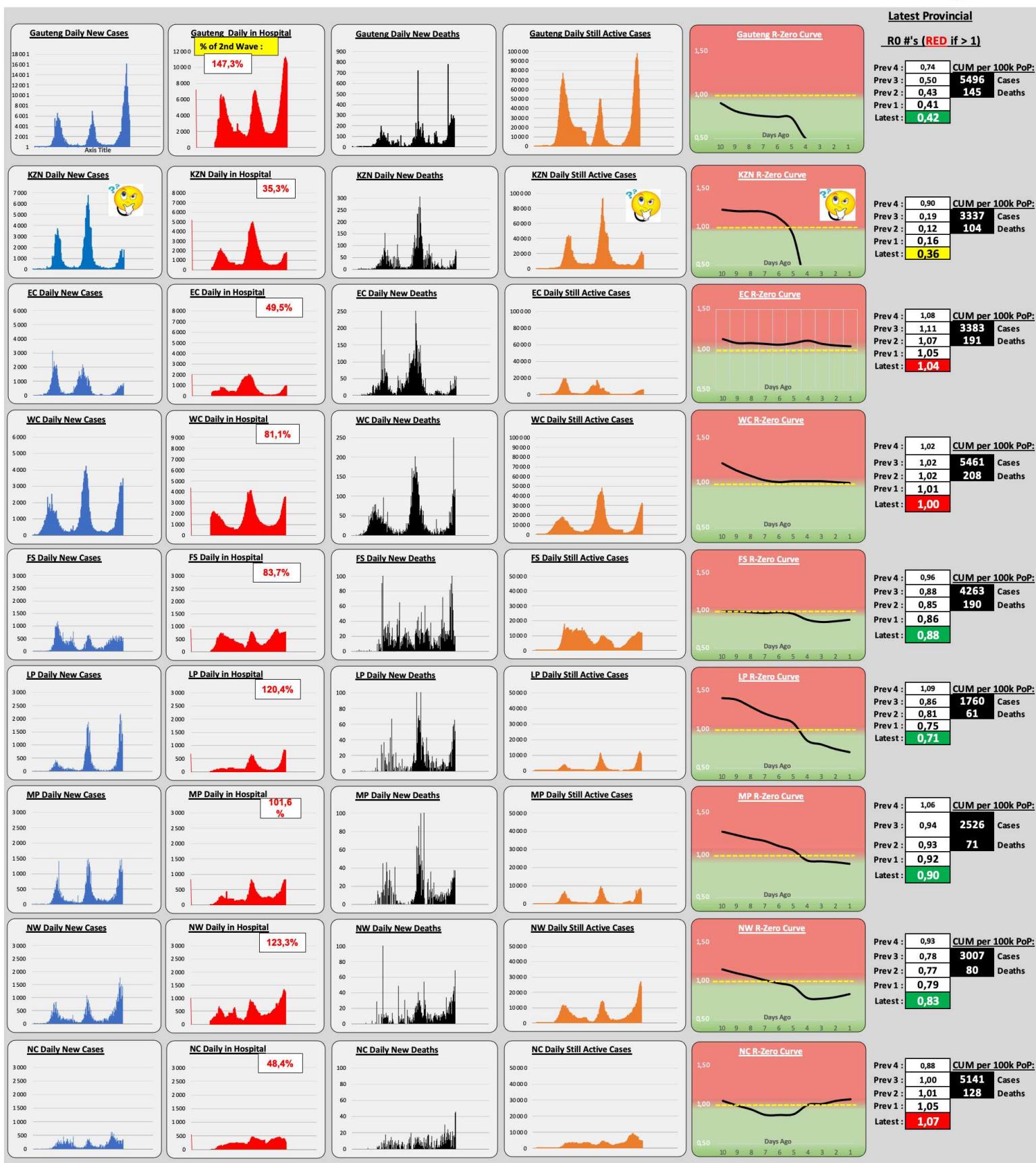


Data as at: 21 July 2021 Unless otherwise indicated

hdg 22 July 2021

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

Page 1.1



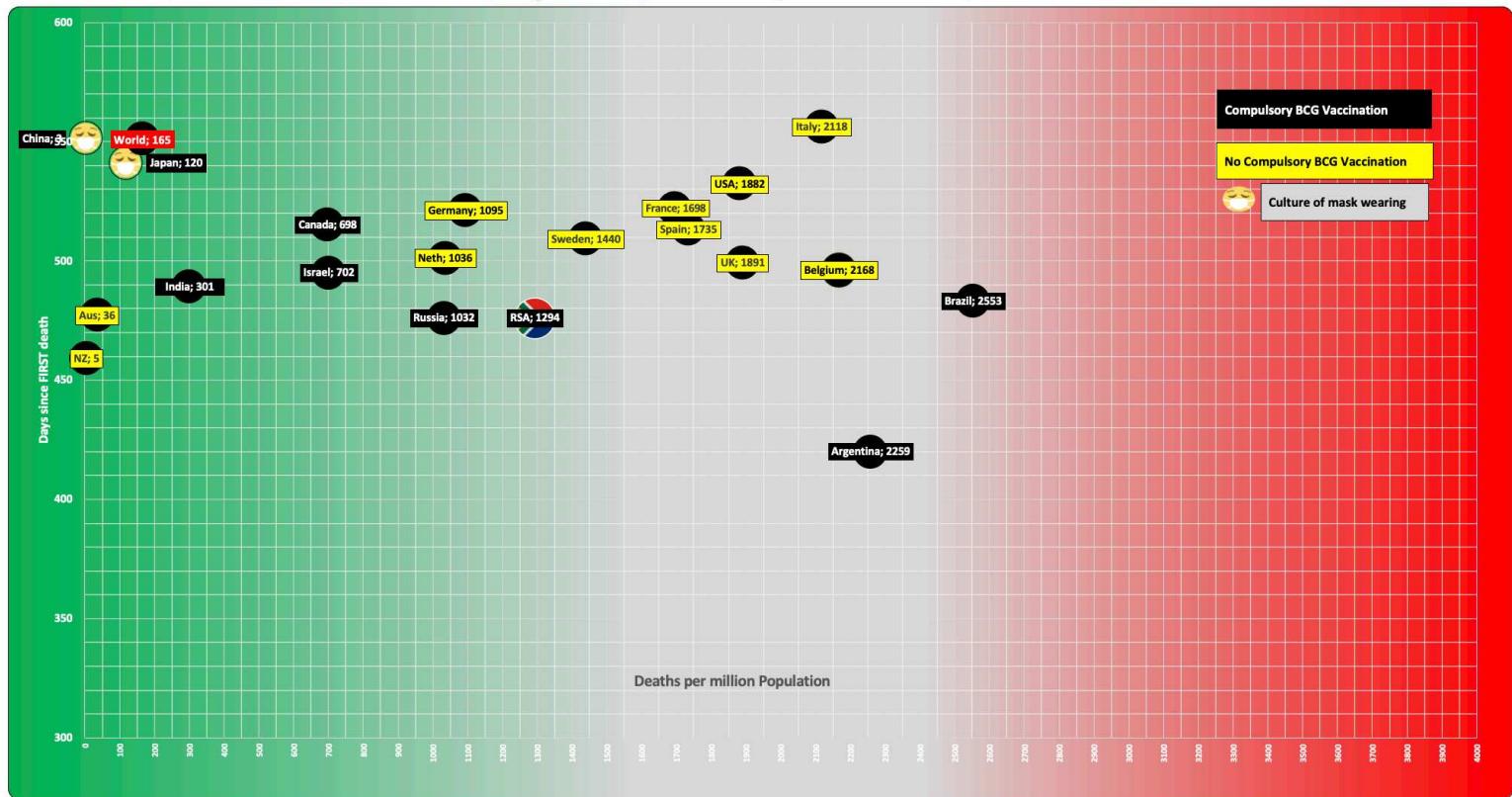
Data as at: 21 July 2021

Unless otherwise indicated

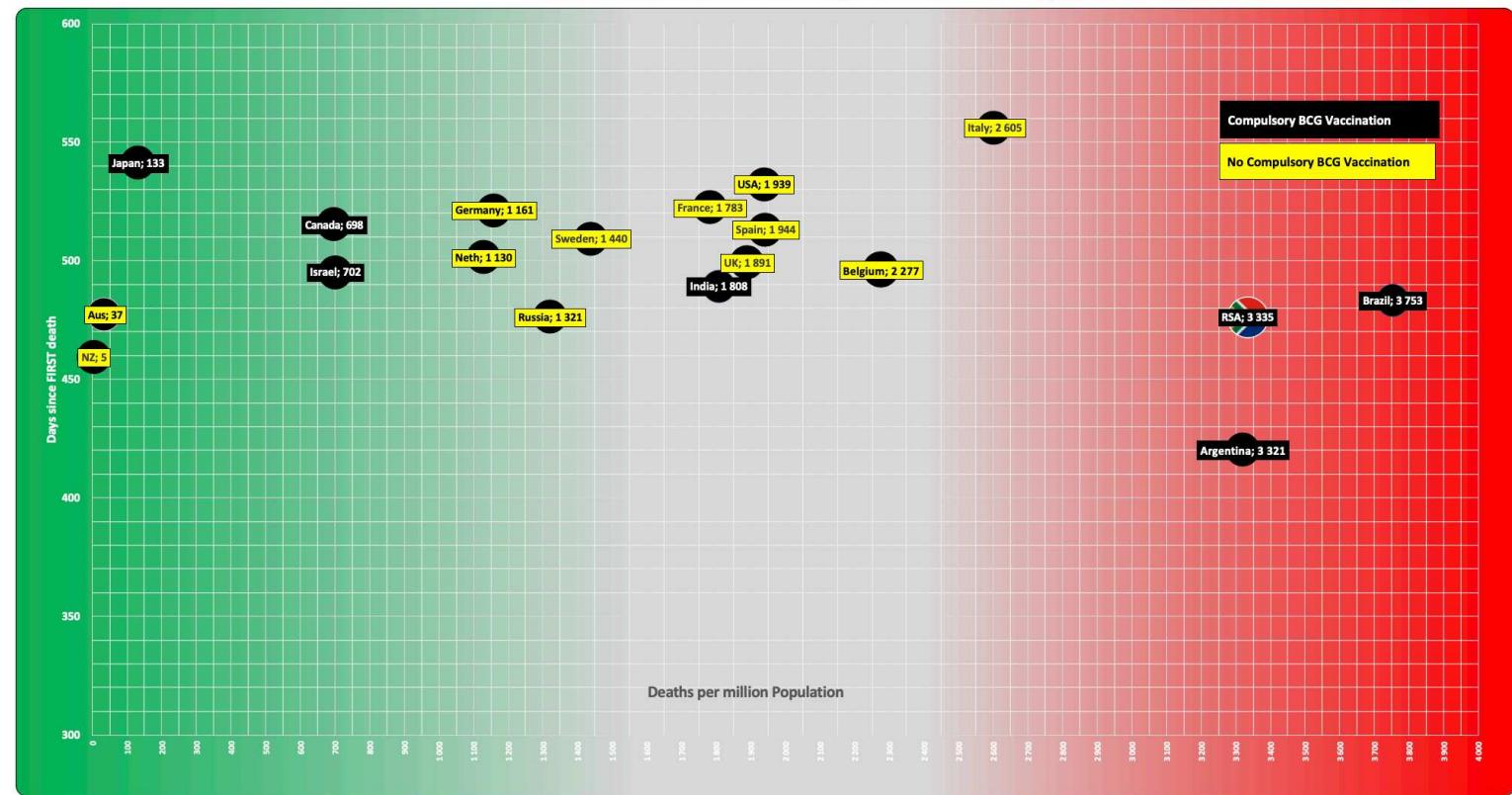
hdg 22 July 2021

## Selected Countries' Reported Deaths per mill PoP

Page 2

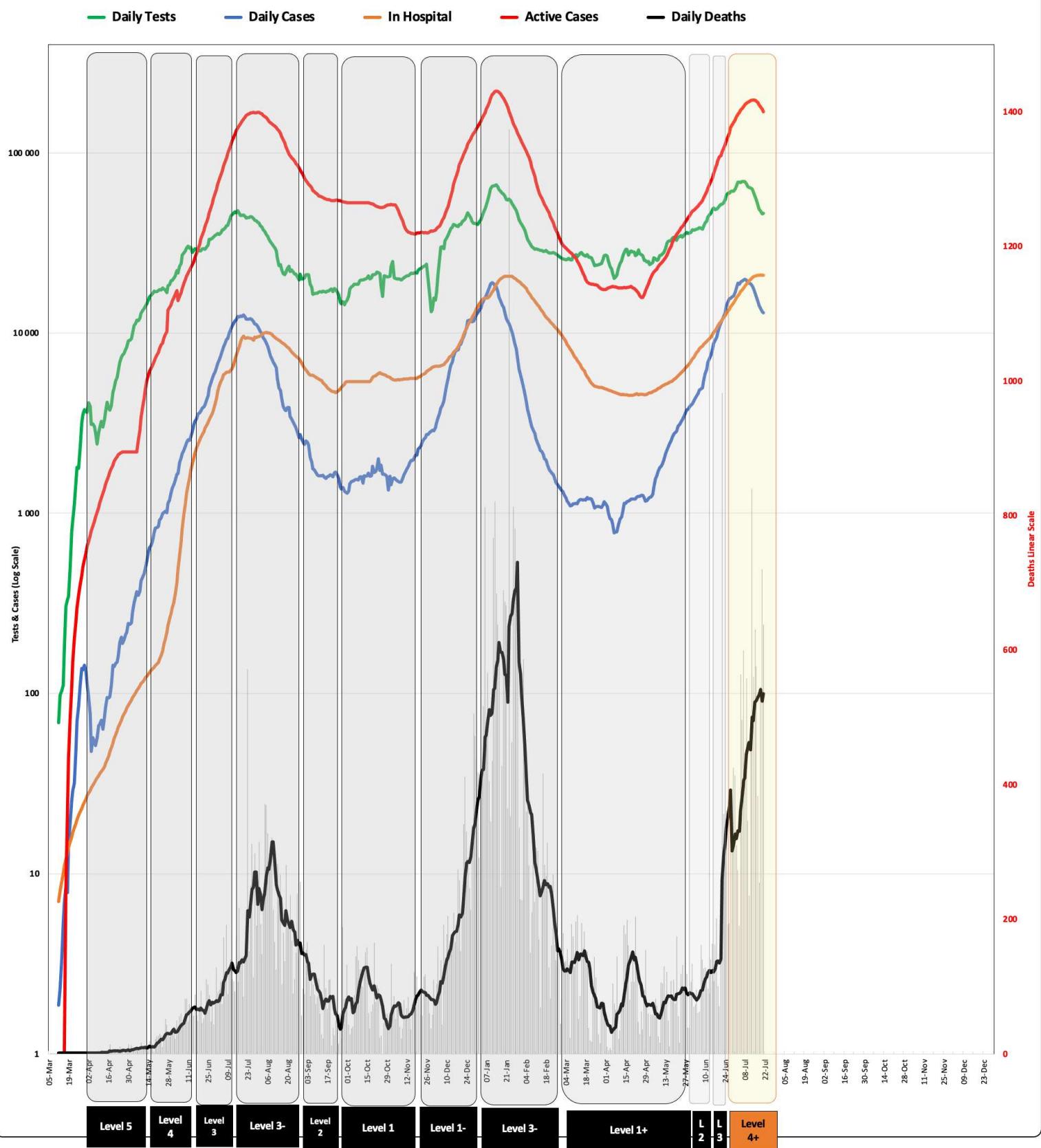


## Selected Countries' Deaths incl Excess Deaths per mill PoP (where data available)



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

Page 2.1



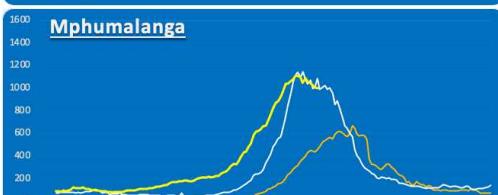
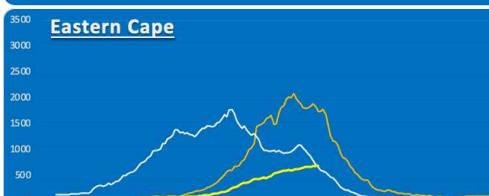
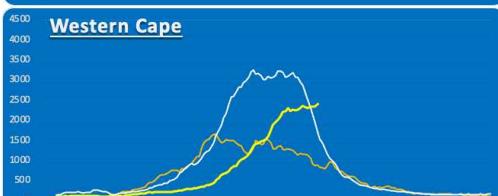
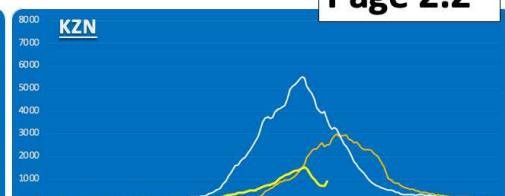
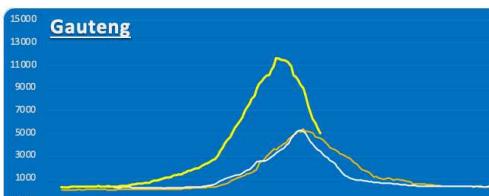
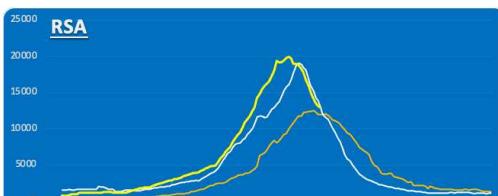
Data as at: 21 July 2021

Unless otherwise indicated

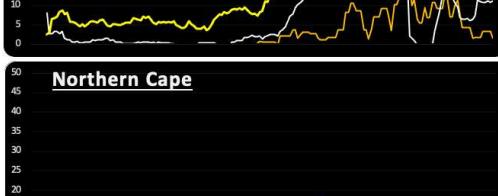
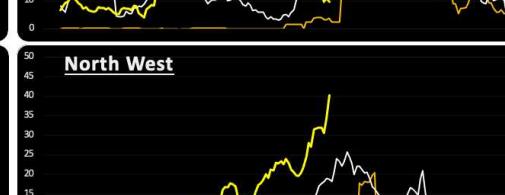
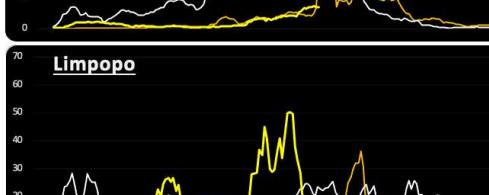
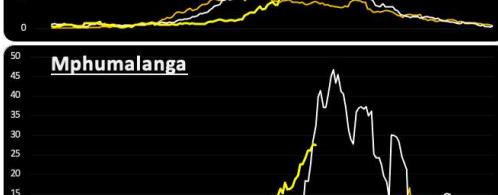
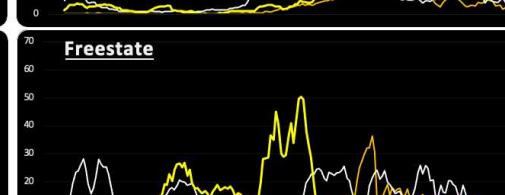
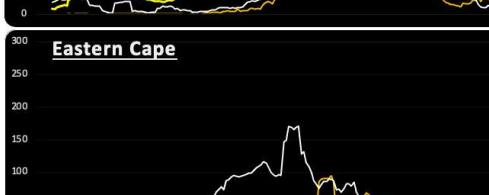
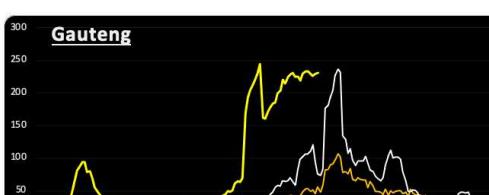
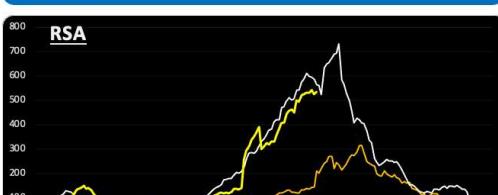
hdg 22 July 2021

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

Page 2.2



## CASES



## DEATHS



## World Daily Reported New Cases & New Deaths

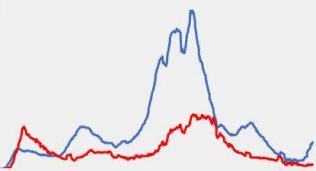
(Two linear vertical axes, not proportional)

Daily Deaths 7 Day MA

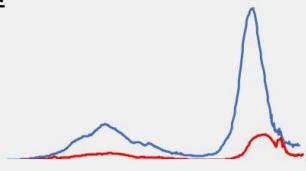
Daily Cases 7 Day MA

Page 2.3

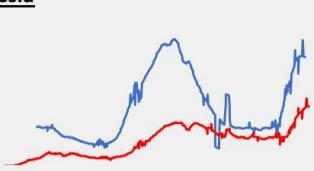
USA



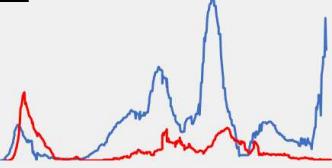
India



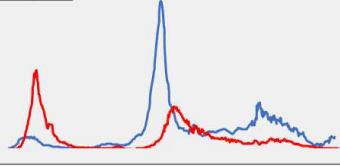
Russia



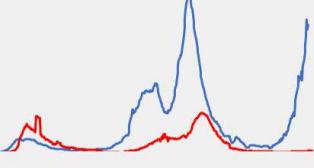
Spain



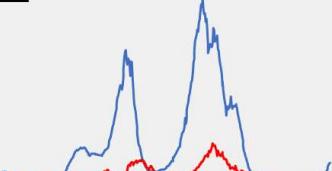
Belgium



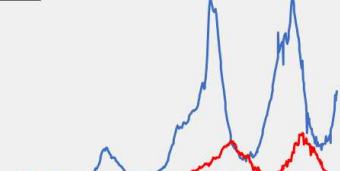
UK



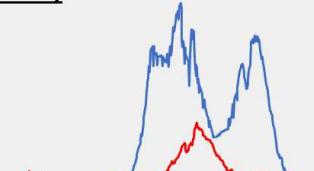
Israel



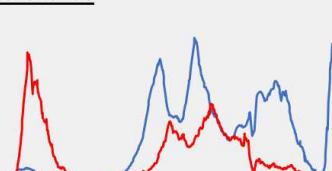
Japan



Germany



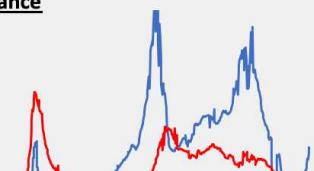
Netherlands



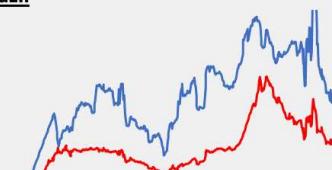
Italy



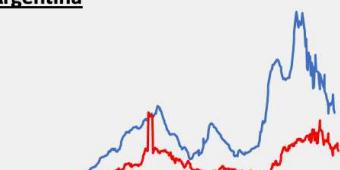
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Brazil



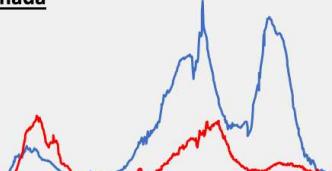
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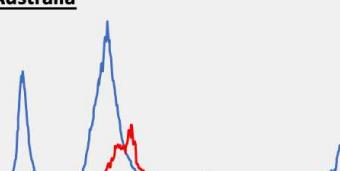
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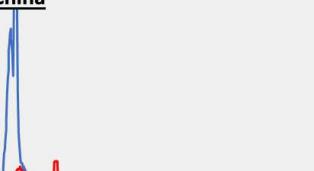
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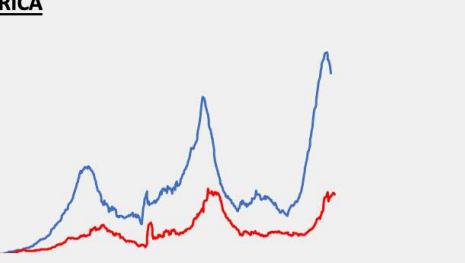
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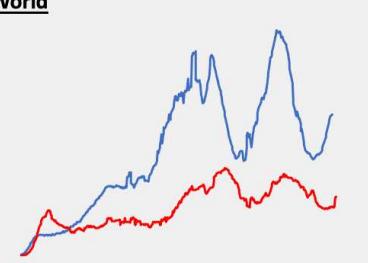
China



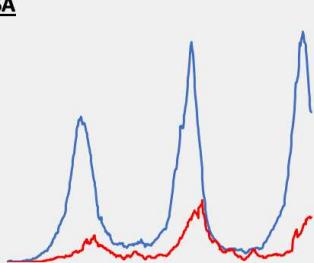
AFRICA



World



RSA



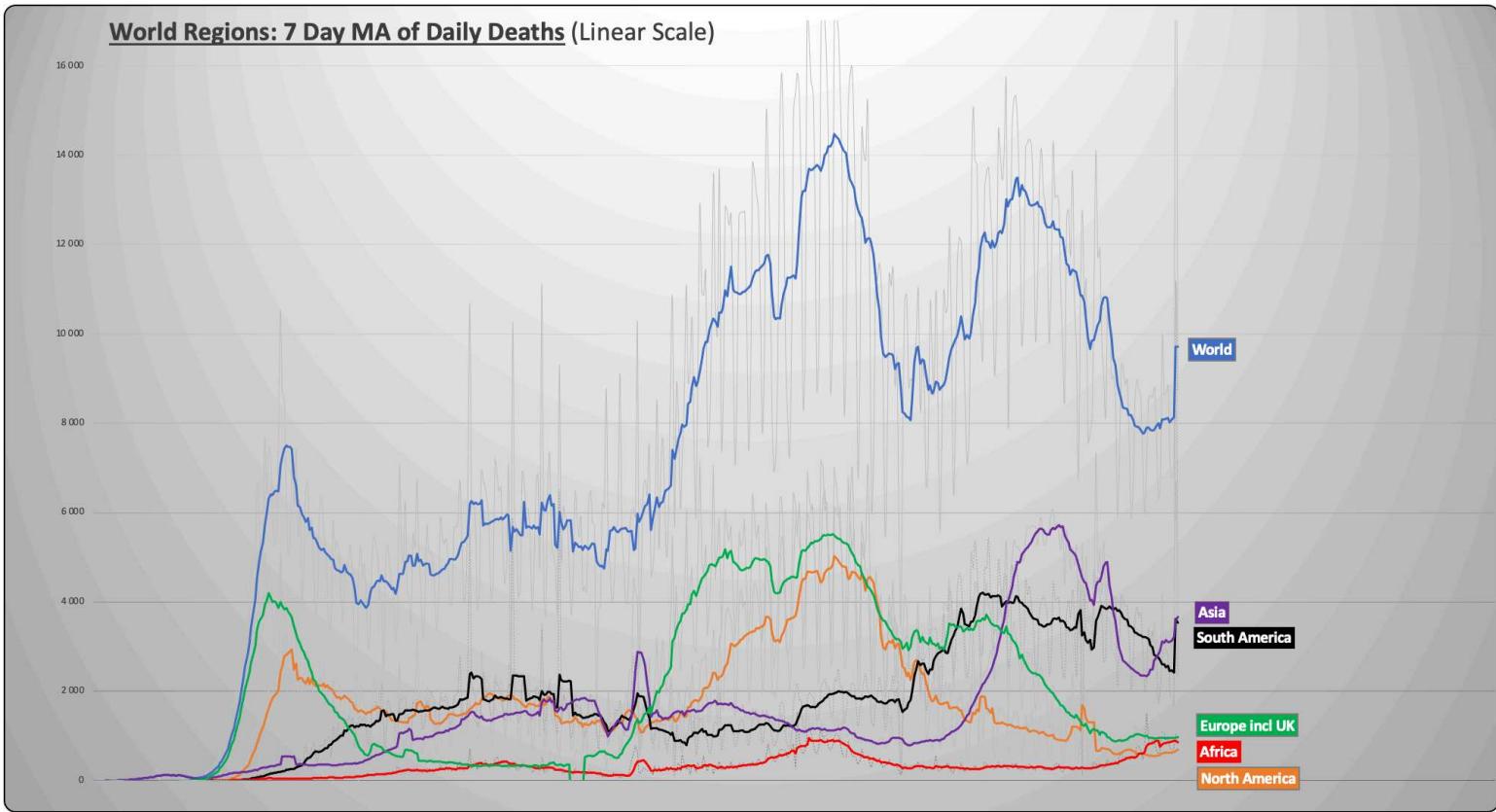
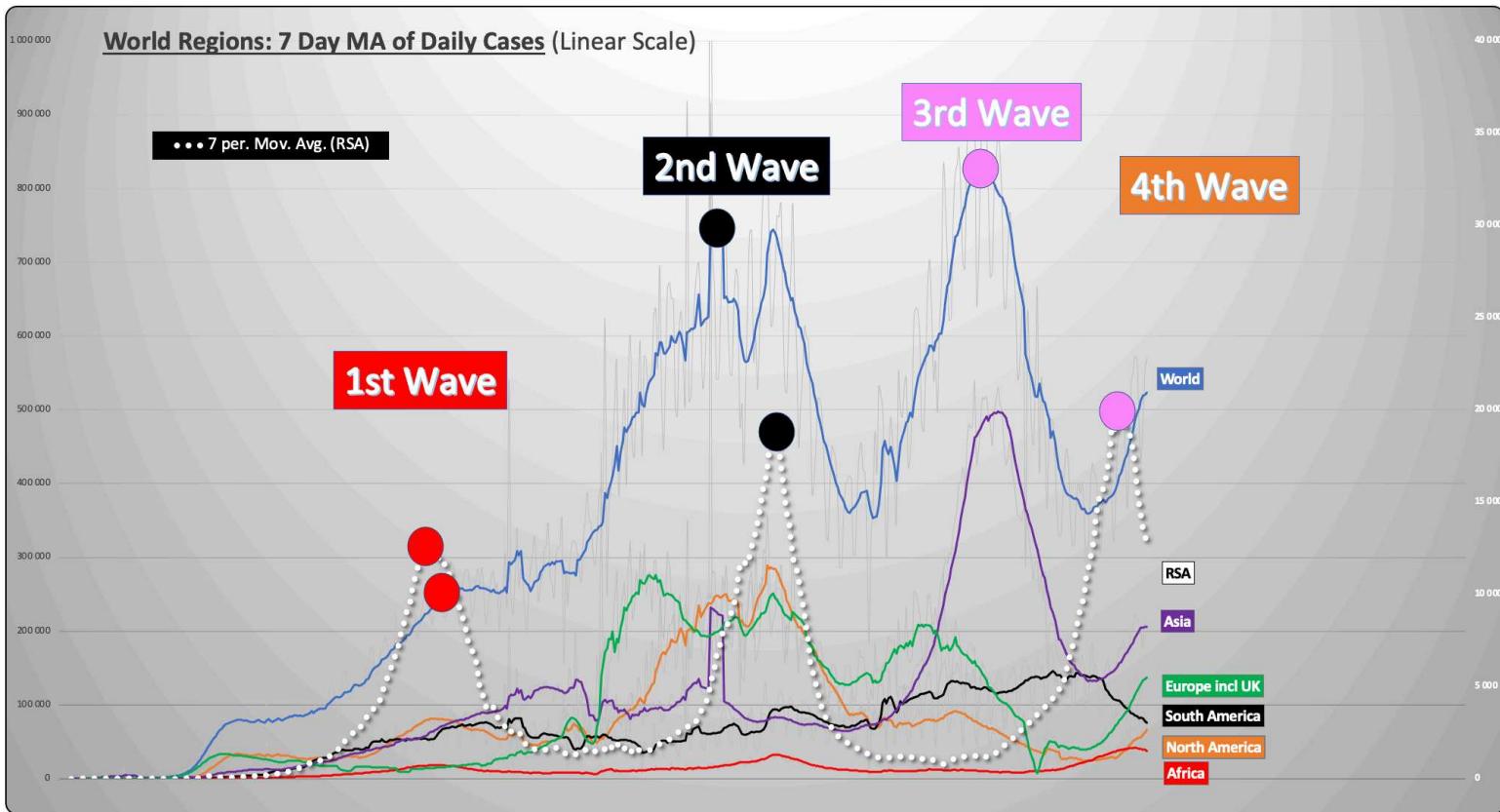
Data as at: 22 July 2021

Unless otherwise indicated

hdg 22 July 2021

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

Page 3.0



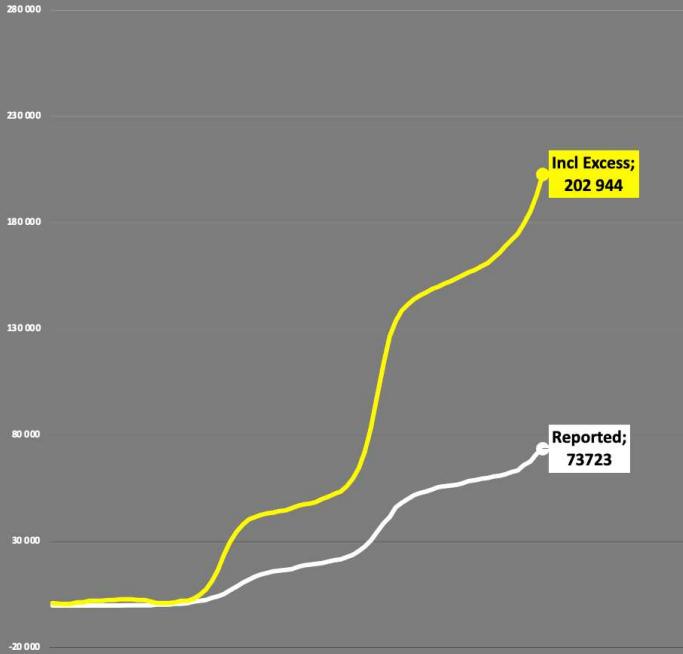
## RSA Cum & Projected Deaths (Reported & Incl Excess)

As at : 03 July 2021

Page 4

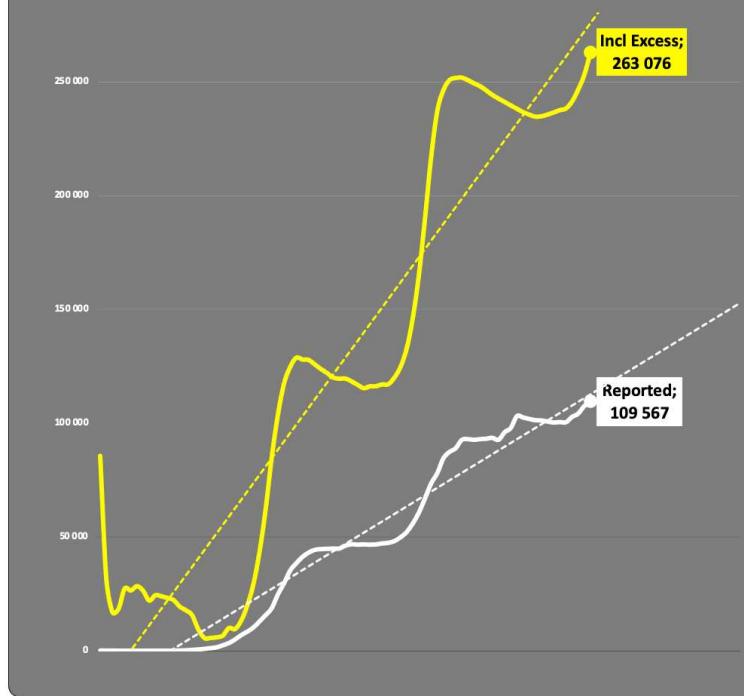
### RSA CUM DEATHS (updated weekly)

Assuming 90% of Excess Deaths are Covid related.

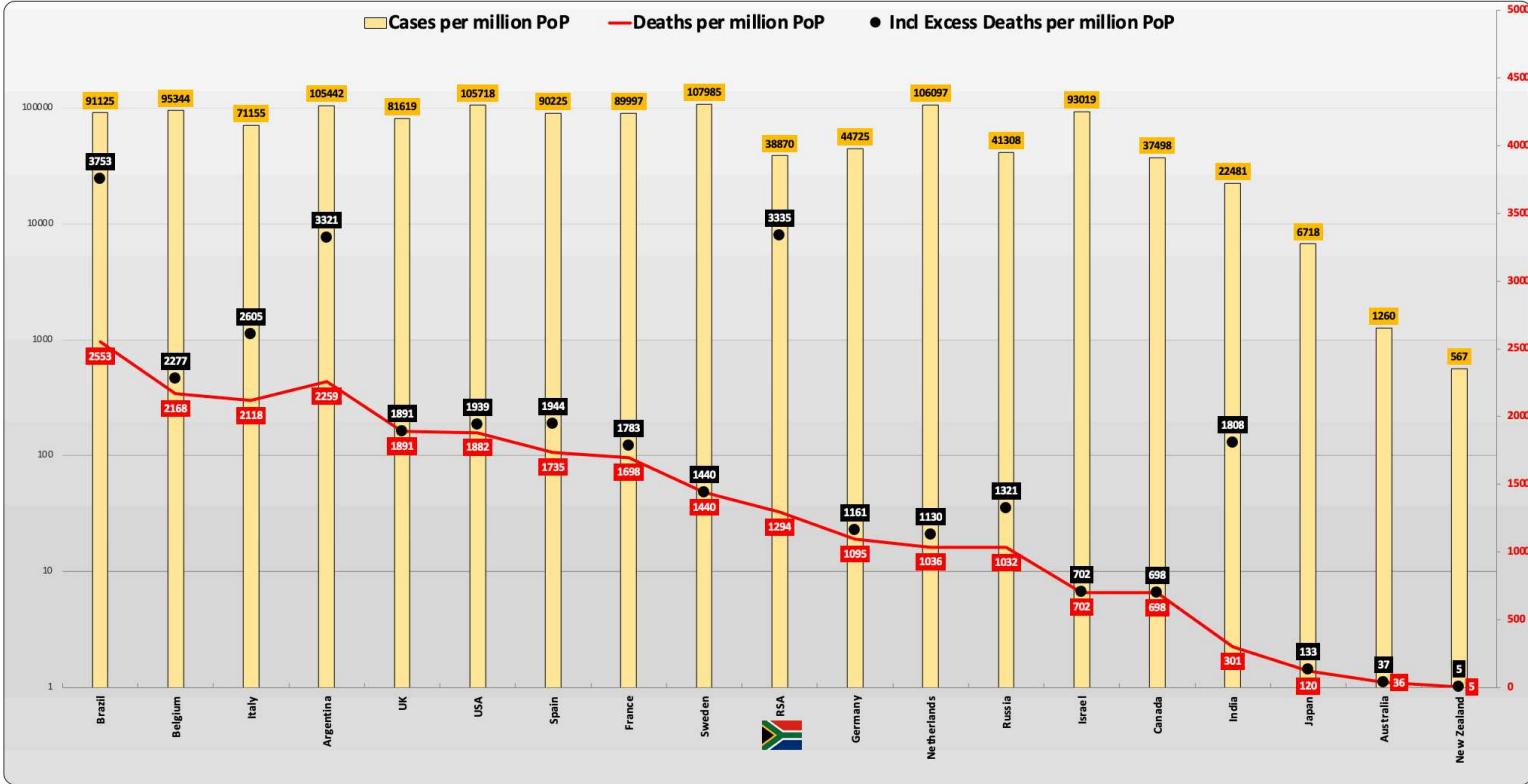


### RSA COVID DEATHS PROJECTED TO end 2021

Assuming 90% of Excess Deaths are Covid related.



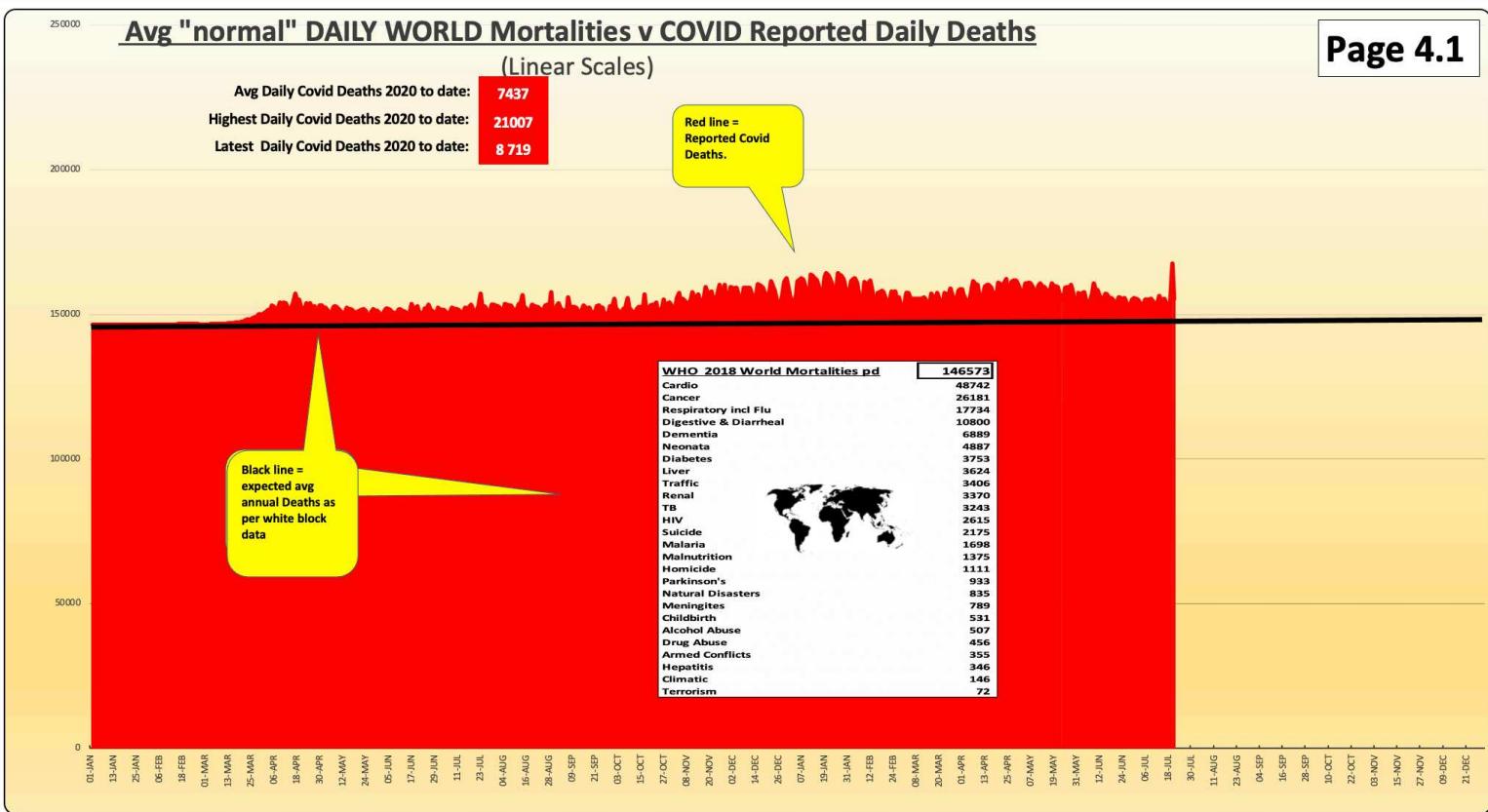
## Selected Countries' Current Reported Cases, Reported & Excess Deaths per million PoP



Data as at: 03 July 2021

Unless otherwise indicated

hdg 22 July 2021

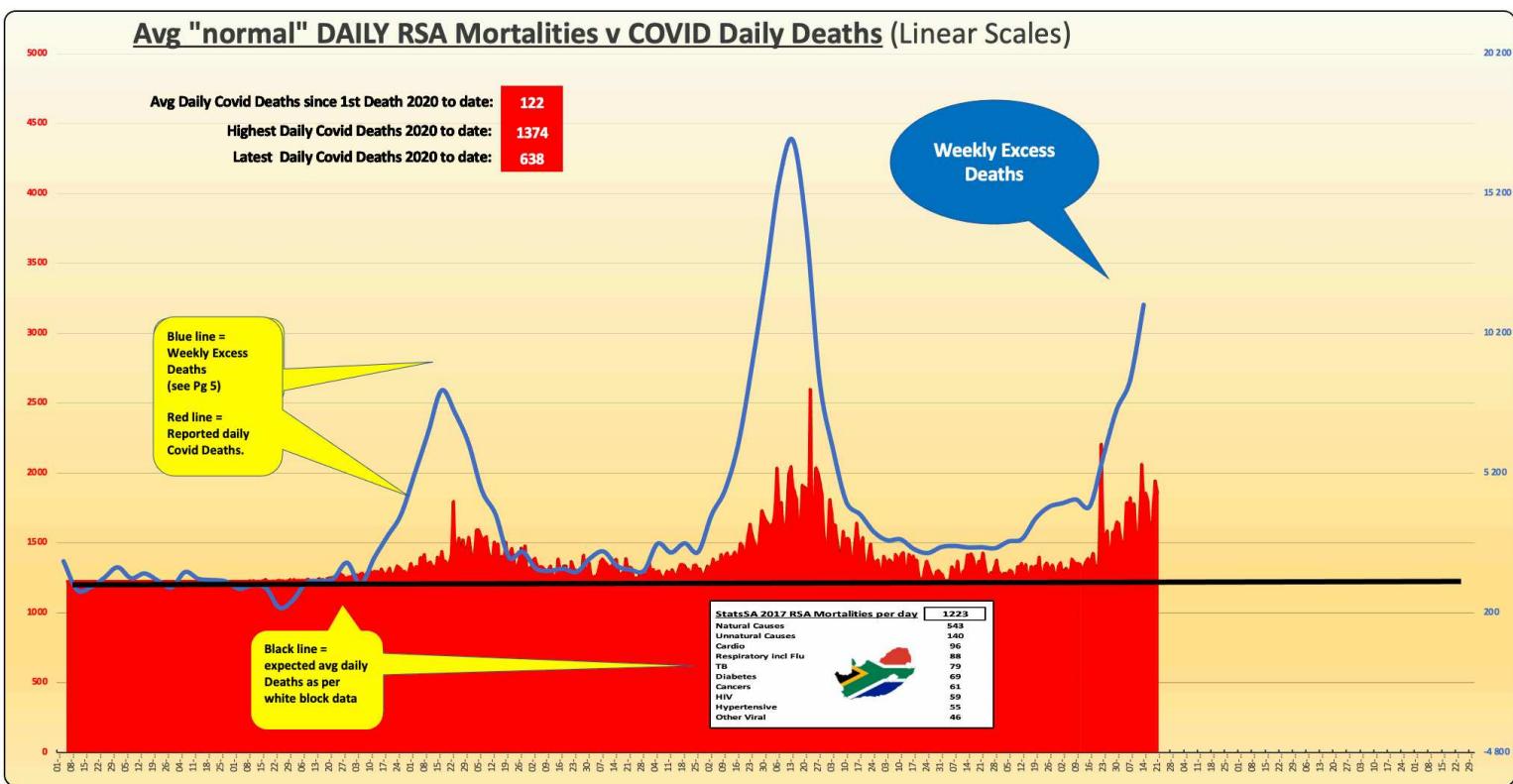


The two graphs WORLD (above) and RSA (below) attempt to put the number of Covid Deaths into some sort of perspective graphically.

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.

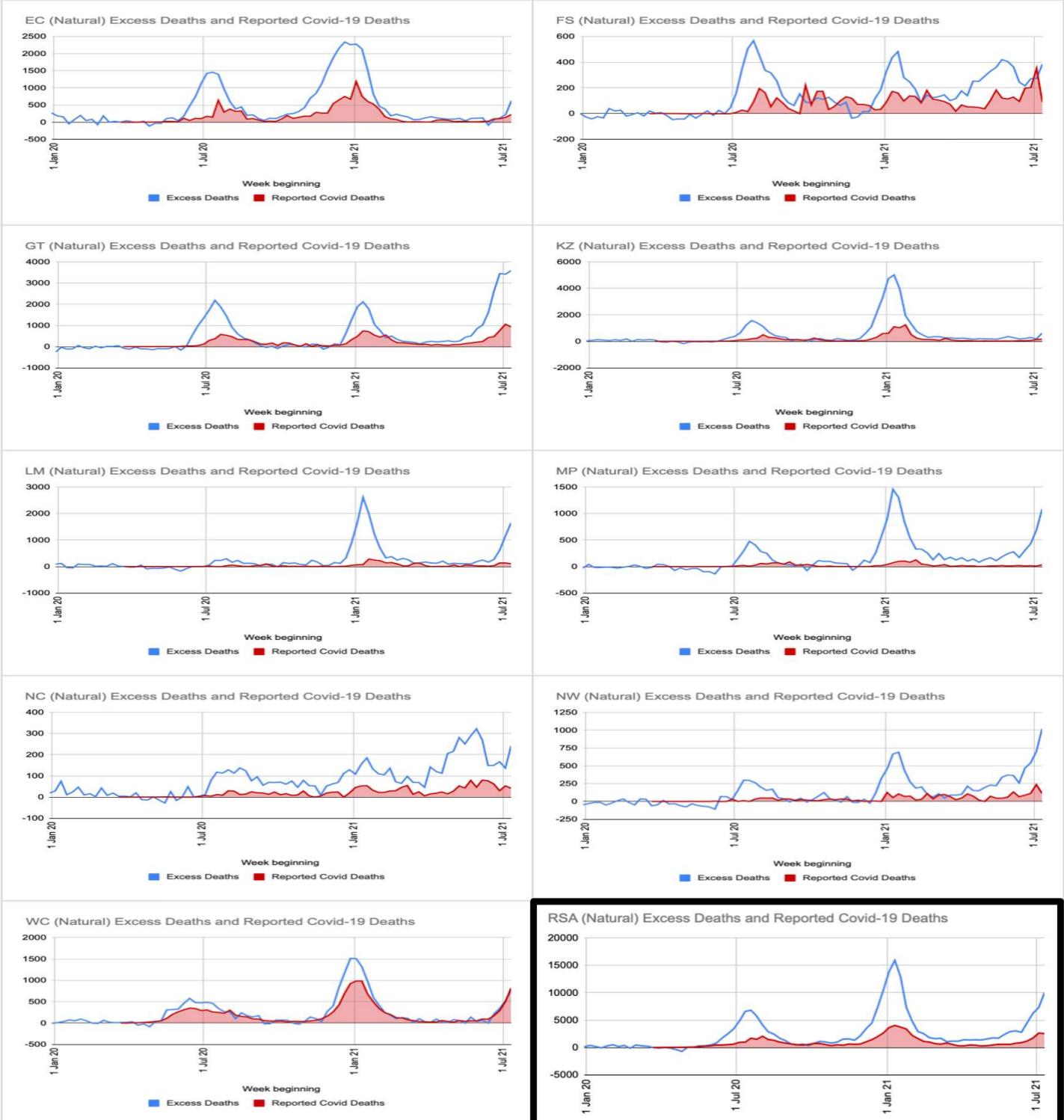


## RSA Excess Deaths as per SA Medical Research Council

As at : 16 July 2021

Page 4.2

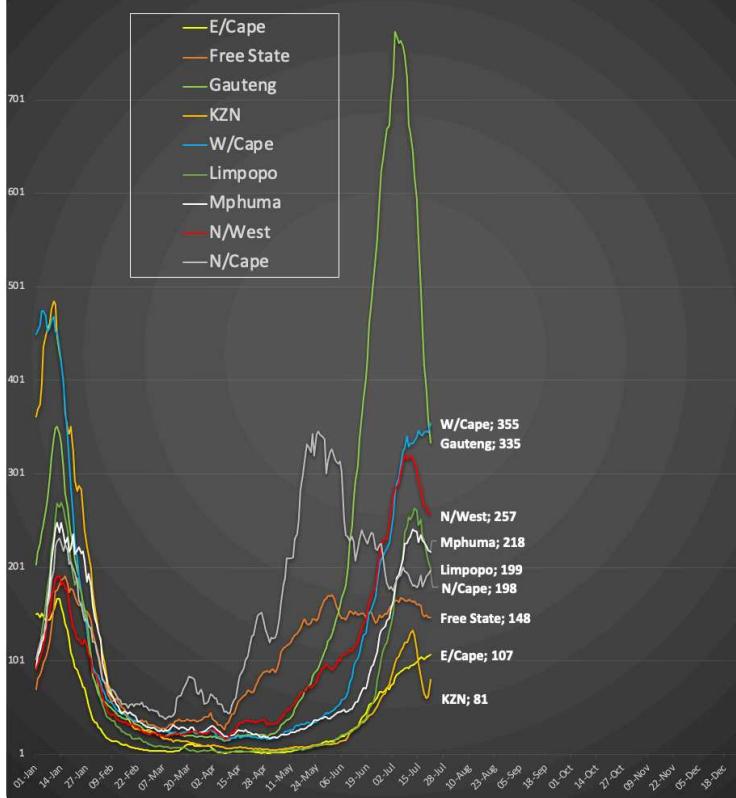
### Provinces



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).

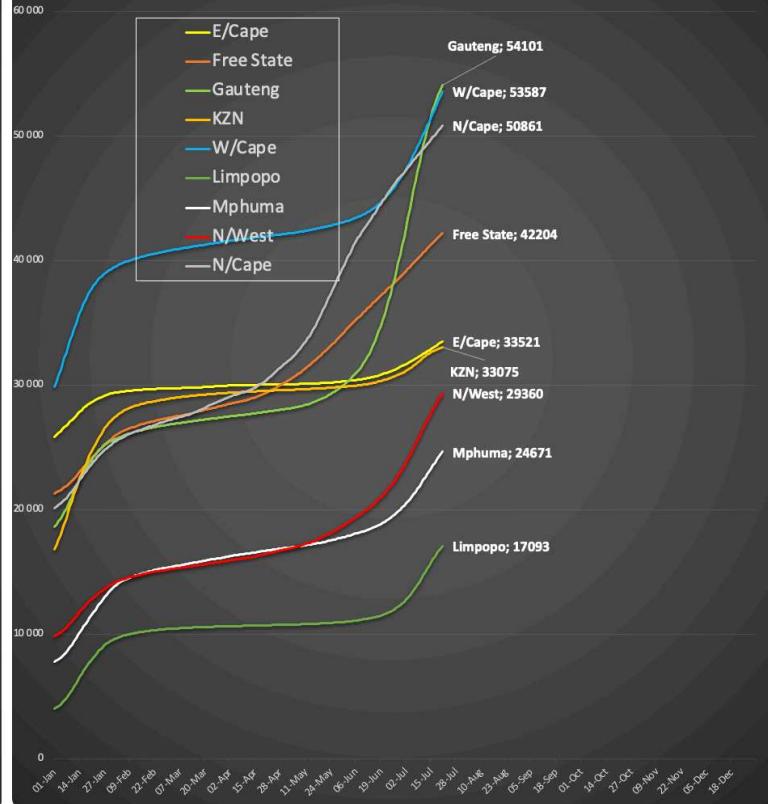
## Reported DAILY CASES per mill PoP

Jan to Dec 2021 7 Day MA



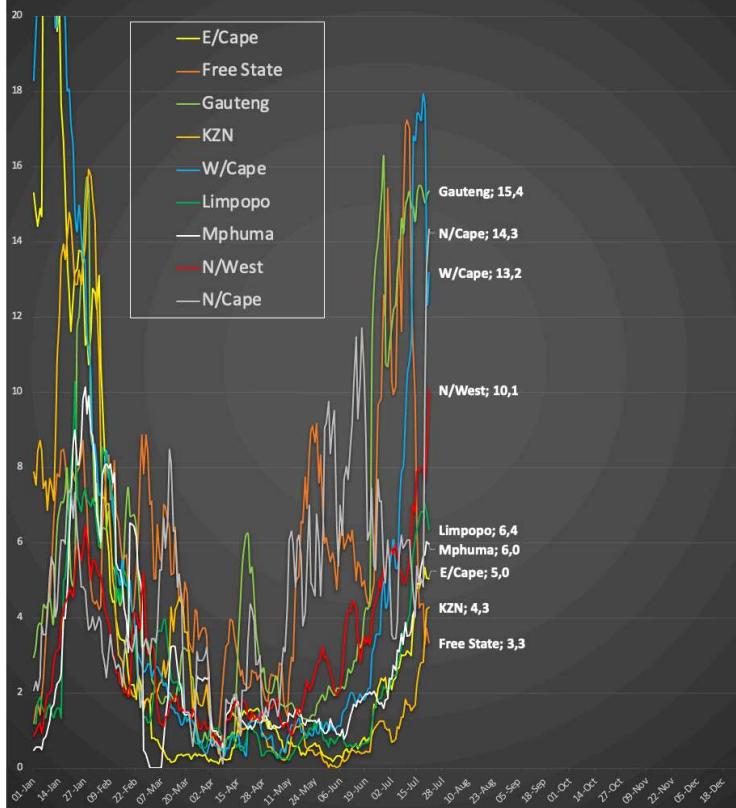
## Reported CUM CASES per mill PoP

Jan to Dec 2021 7 Day MA



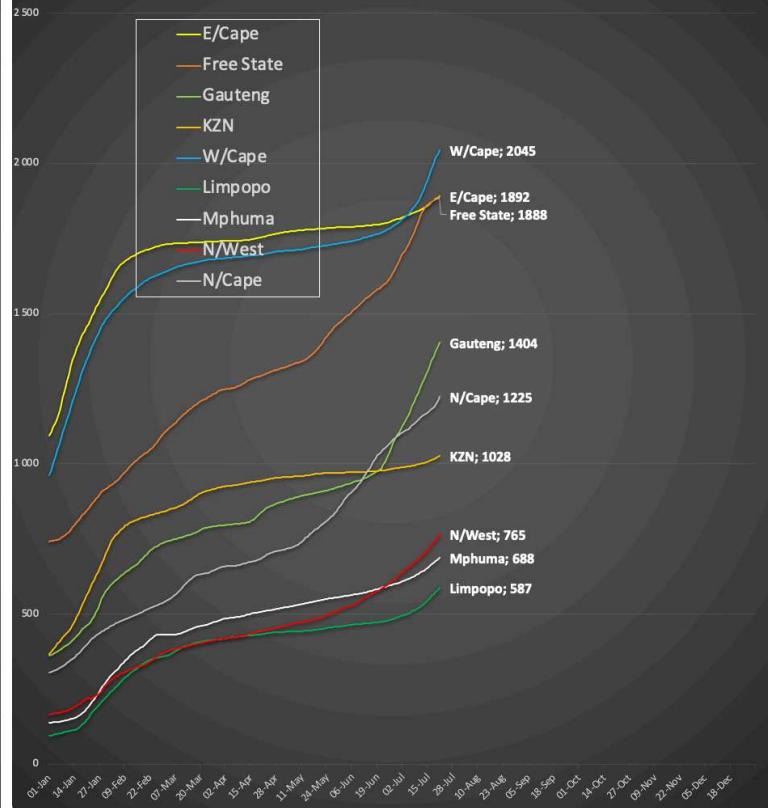
## Reported DAILY DEATHS per mill PoP

Jan to Dec 2021 7 Day MA

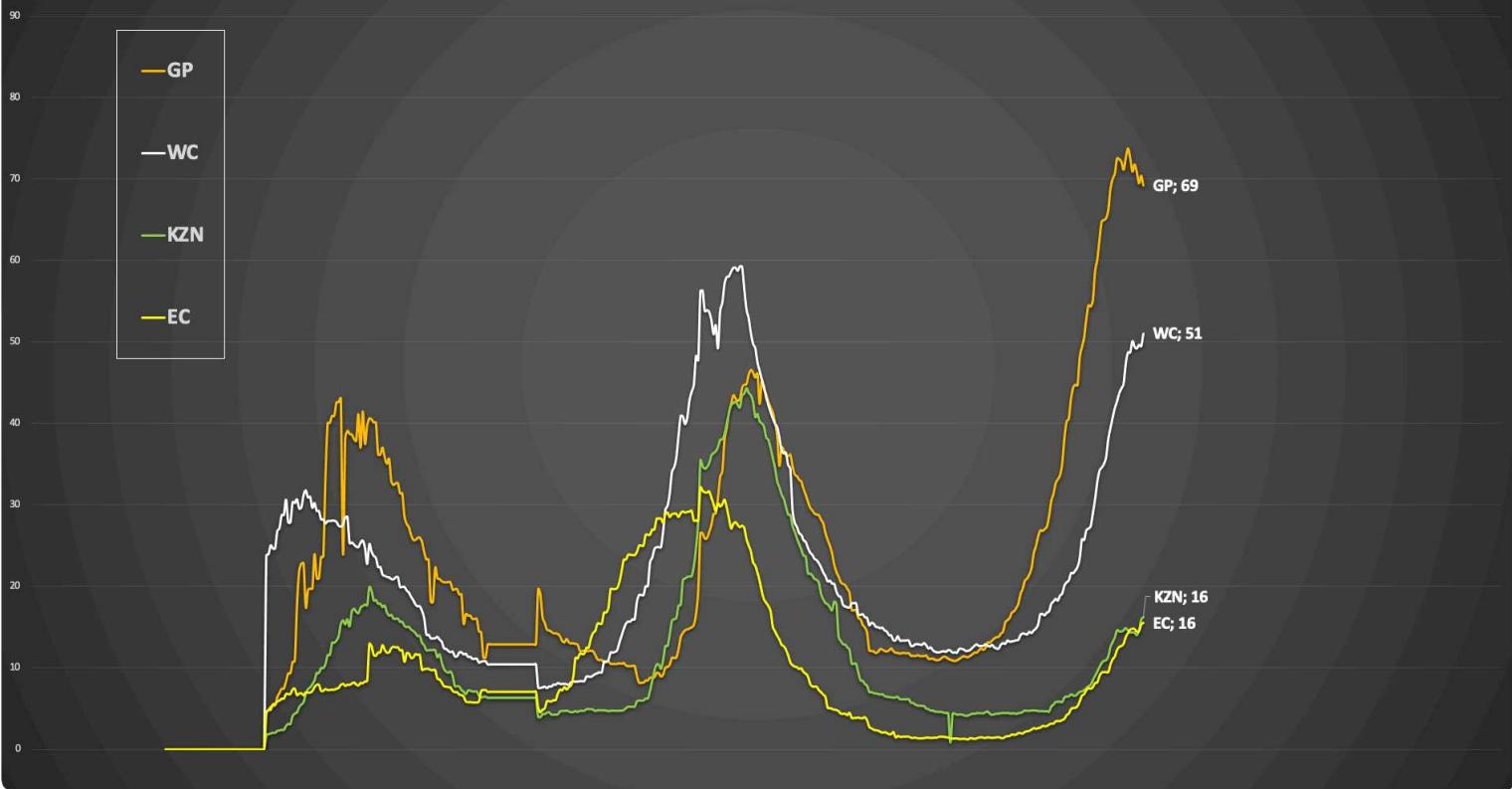


## Reported CUM DEATHS per mill PoP

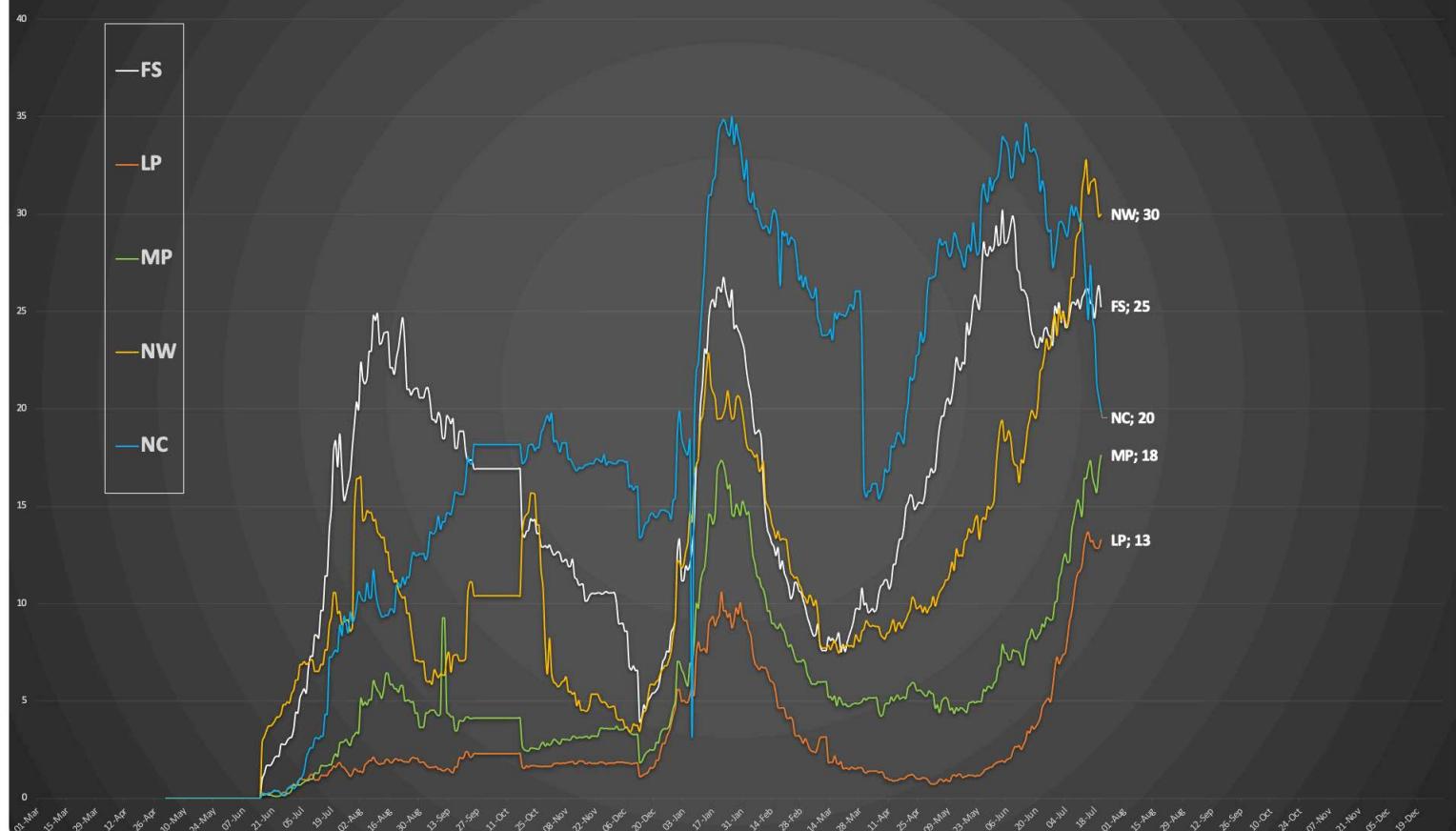
Jan to Dec 2021 7 Day MA



### Major Provinces: Daily In Hospital per 100k PoP



### Smaller Provinces: Daily In Hospital per 100k PoP



Data as at:

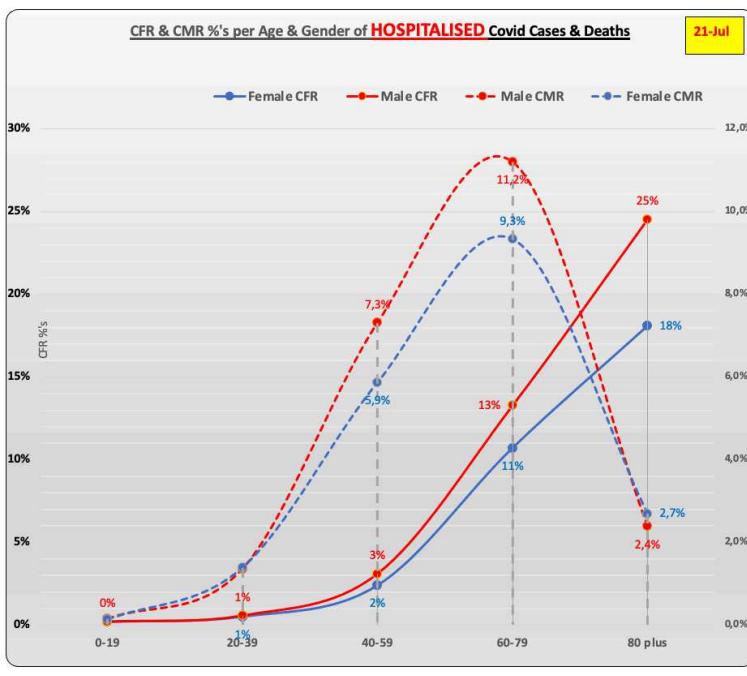
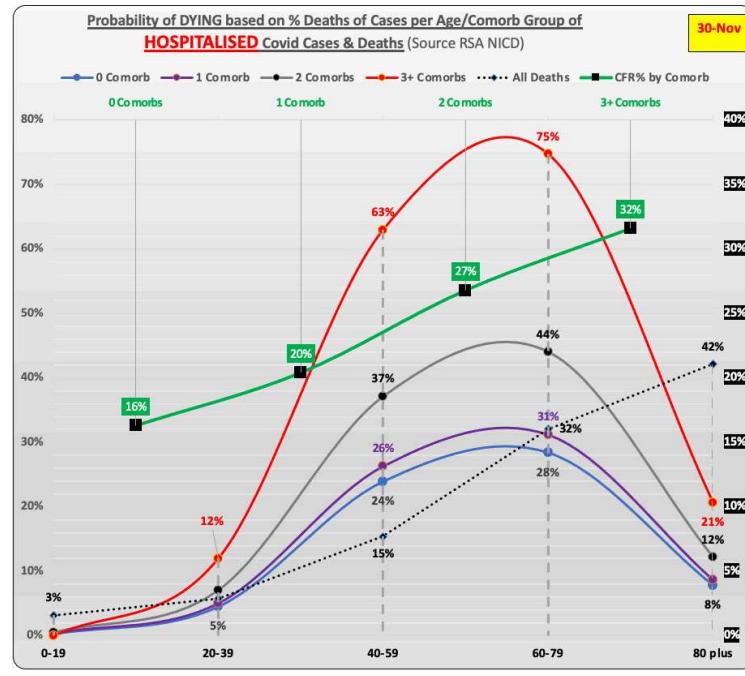
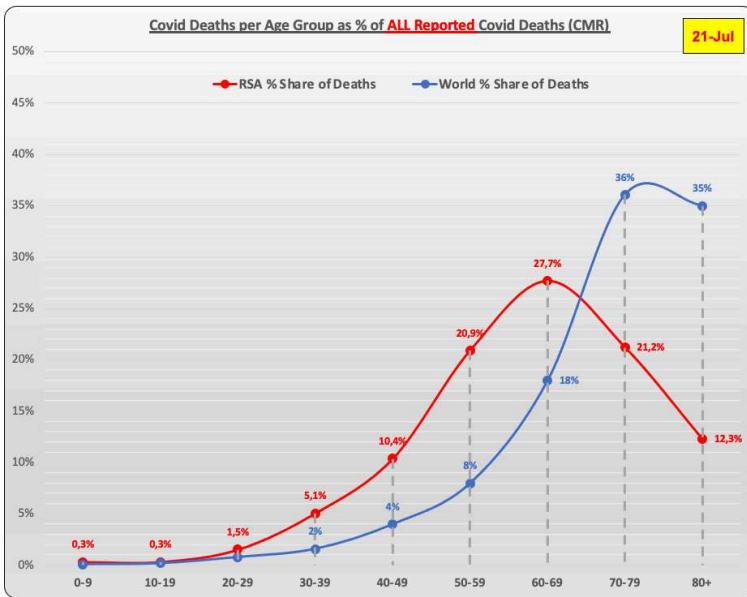
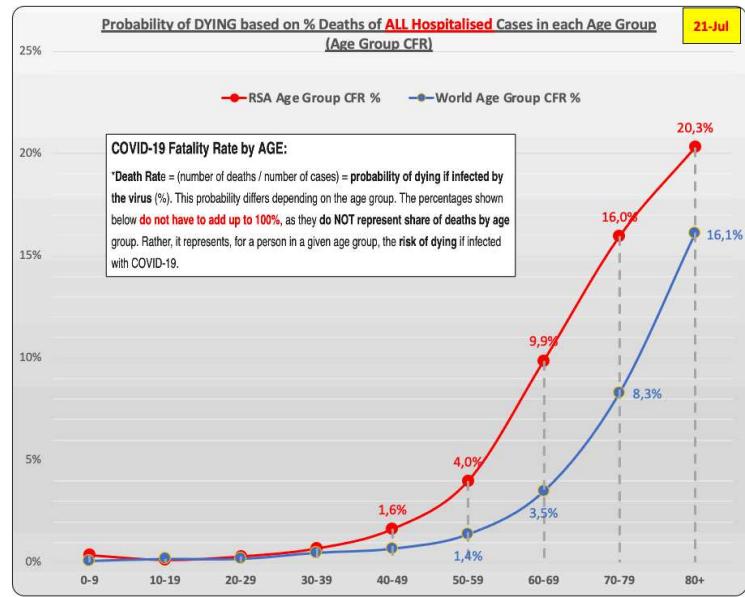
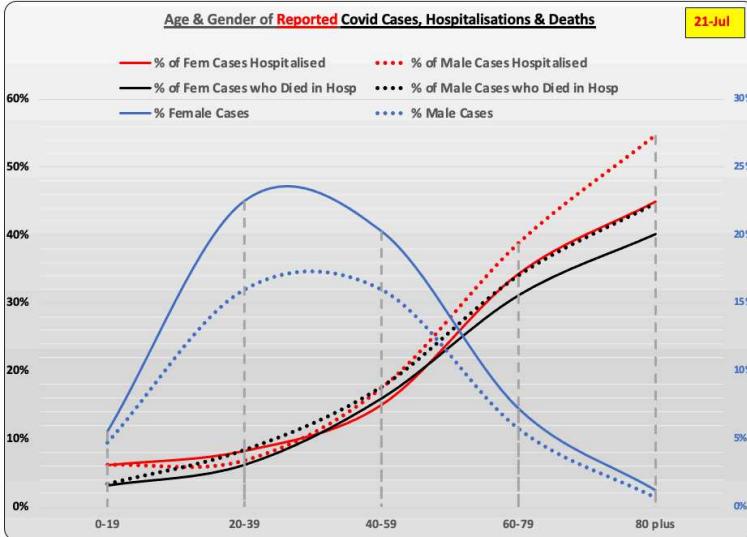
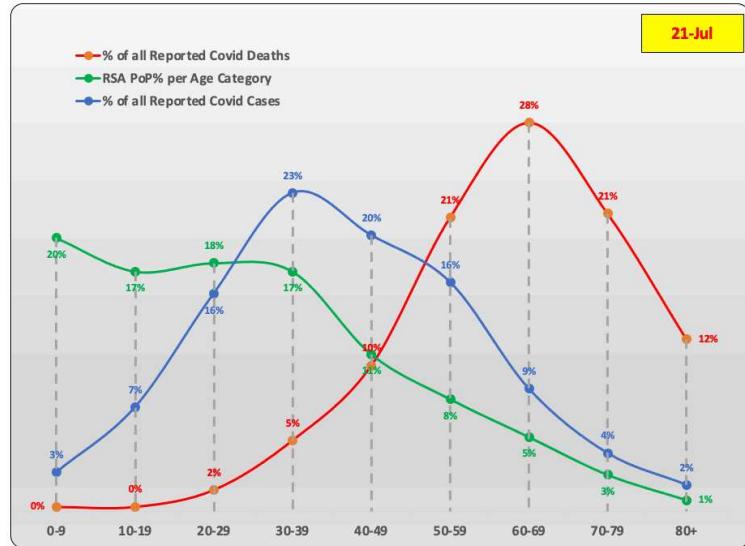
21 July 2021

hdg

22 July 2021

# RSA Age & Gender Stats

Page 6

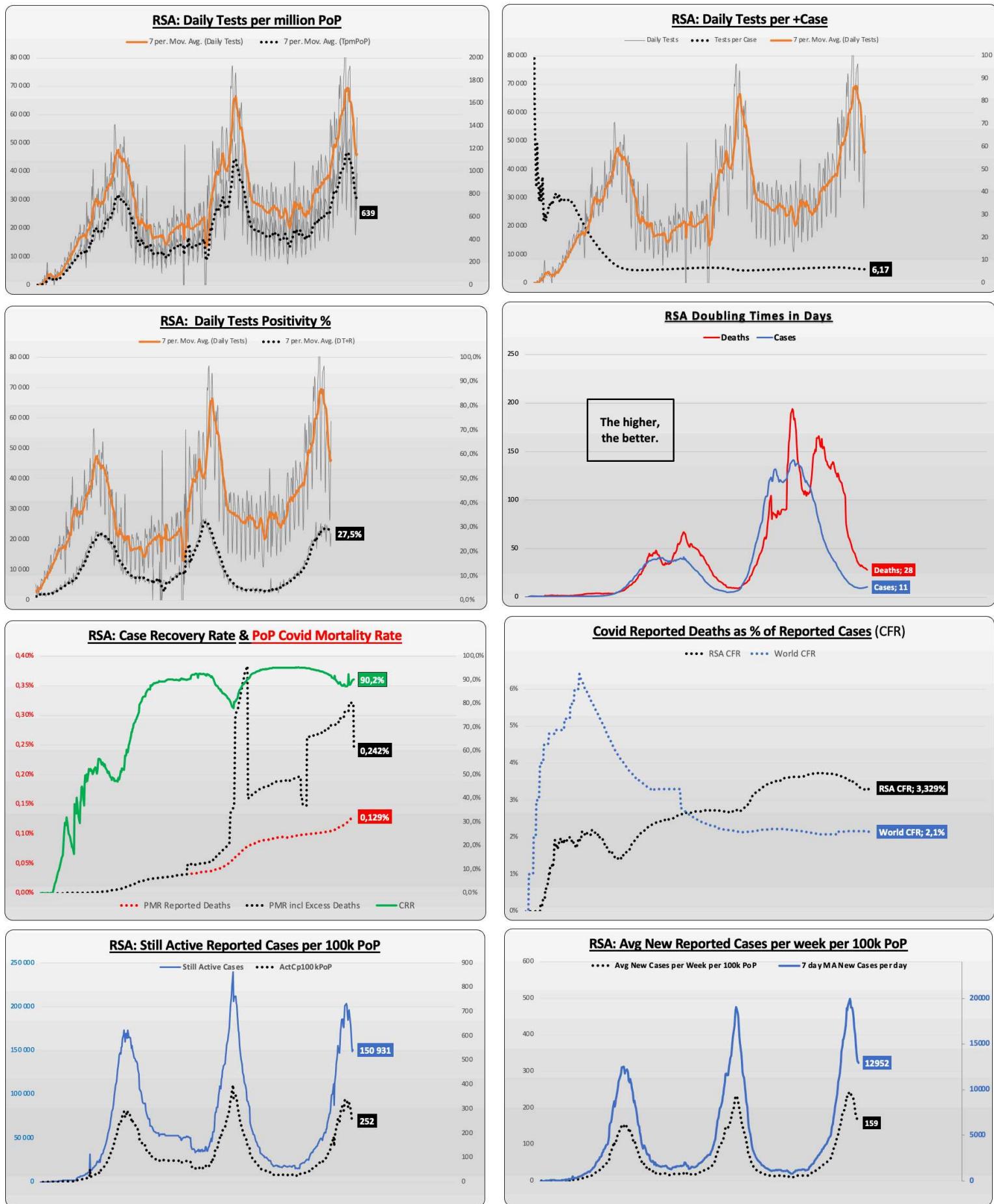


Data as at: As indicated per graph

hdg 22 July 2021

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

Page 6.1



Data as at:

21 July 2021

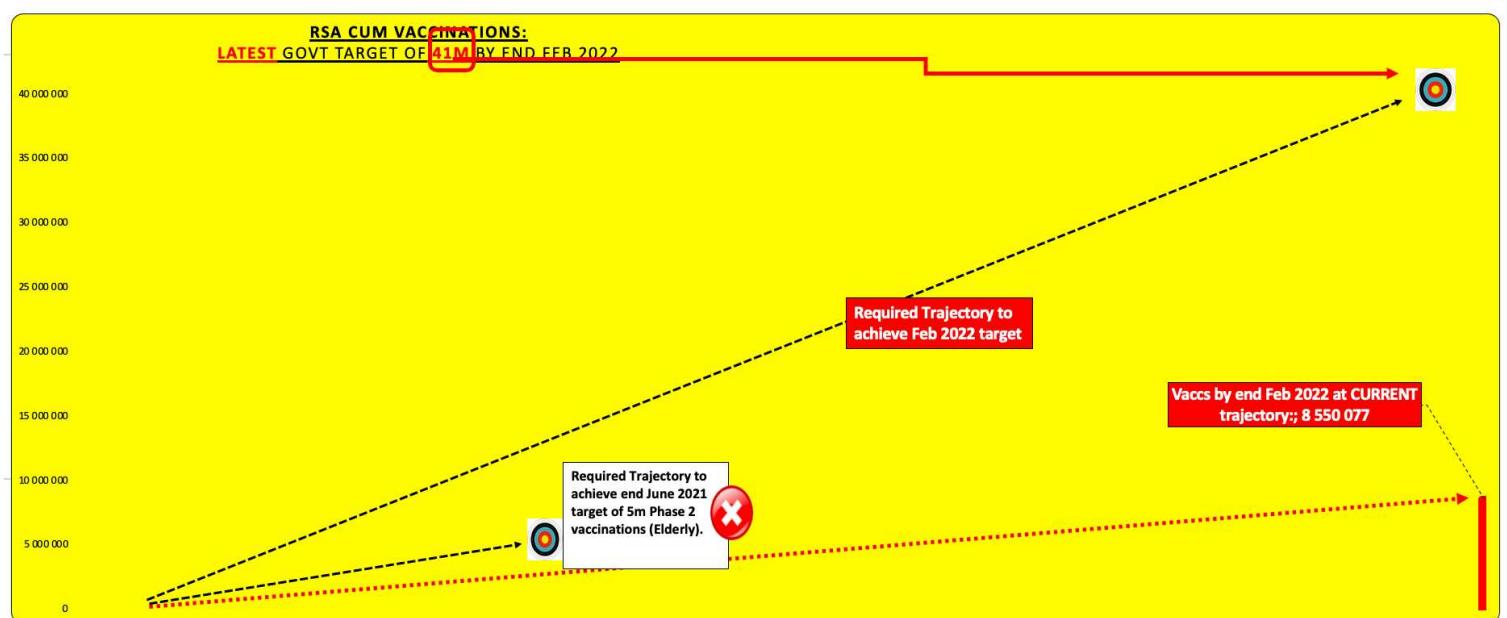
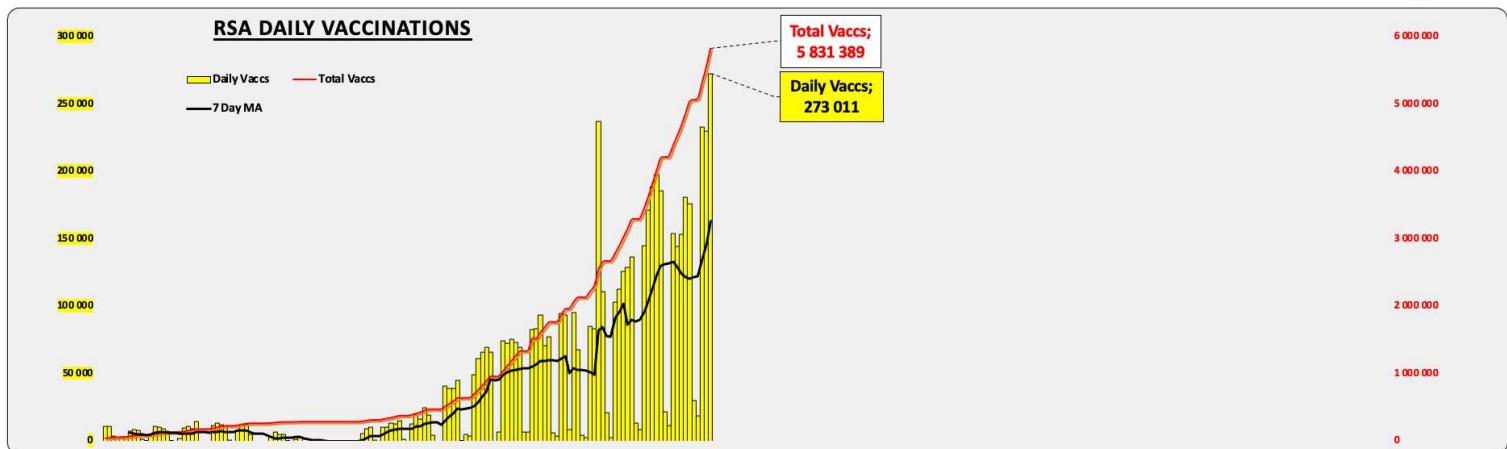
Unless otherwise indicated

hdg

22 July 2021

# Vaccination Data

Page 7

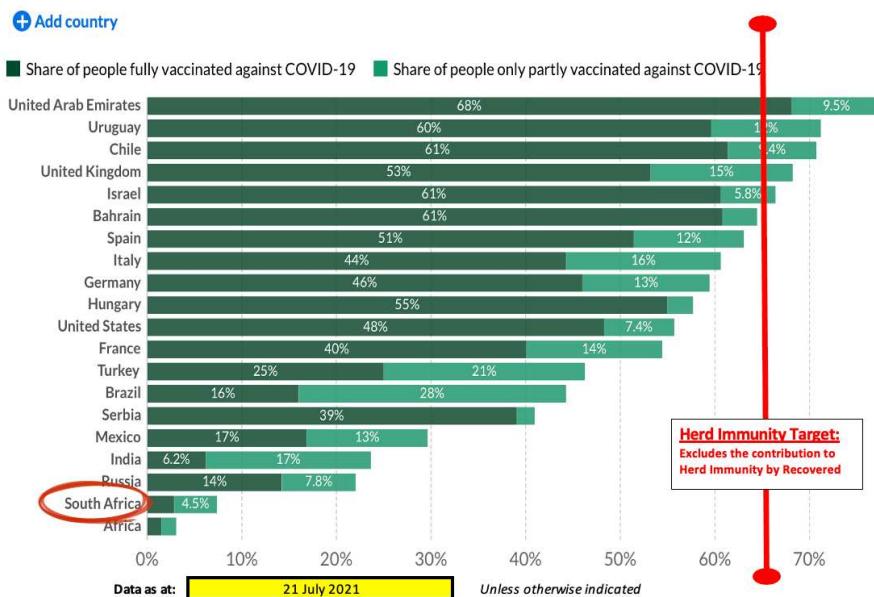


## Selected countries who publish their VAC data

Share of people vaccinated against COVID-19, Jul 19, 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: 5 831 389 Avg Vaccs per day : 39 401  
Avg Vaccs per day over the last 7 days : 163 230  
Fully Vaccsed : 479 768 Phase 1 : Health Care Workers  
Single & Double Doses : 5 351 621 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>2,81</b> Years
Time to achieve Herd Immunity at daily rate of Vaccinations over the past 7 DAYS	<b>0,68</b> Years



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

# 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**



## 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

J&J	Johnson & Johnson = 31.2 million ** (mainly for use in rural districts)
Pfizer	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.



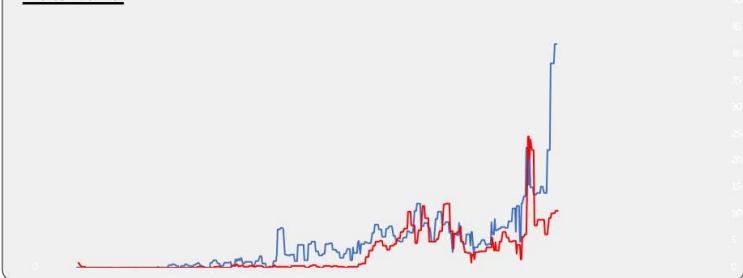
## Southern Africa Daily Reported New Cases & Deaths 7 Day MA

Page 8

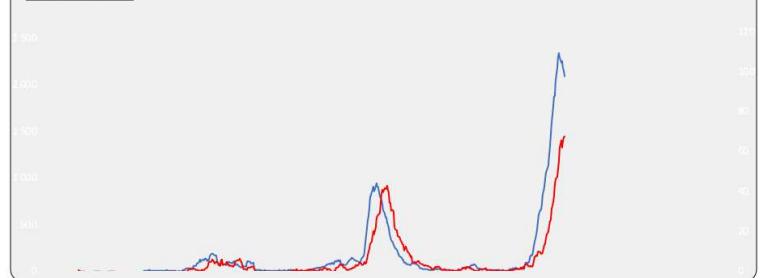
(Jan 2020 to Present)

CASES DEATHS

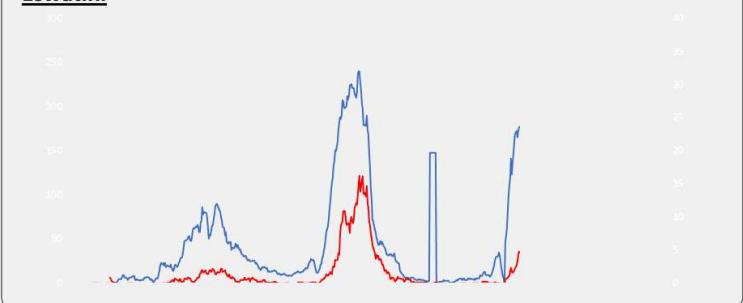
Botswana



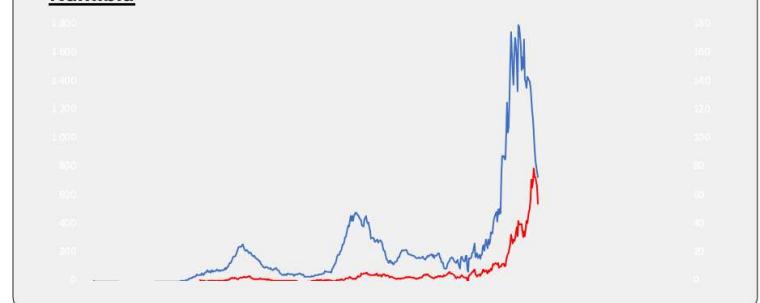
Zimbabwe



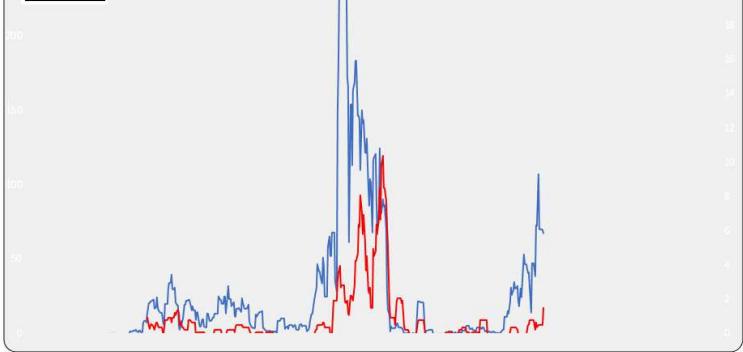
Eswatini



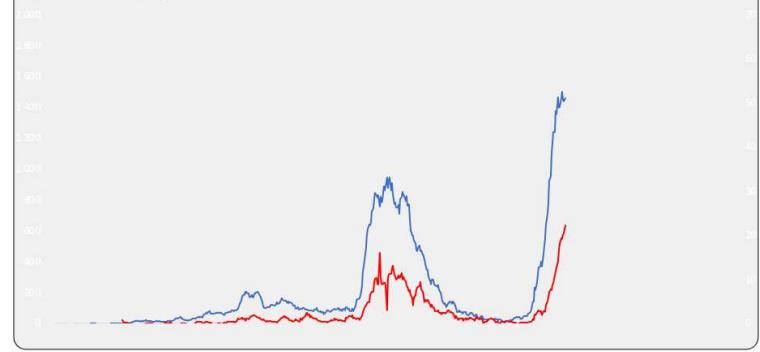
Namibia



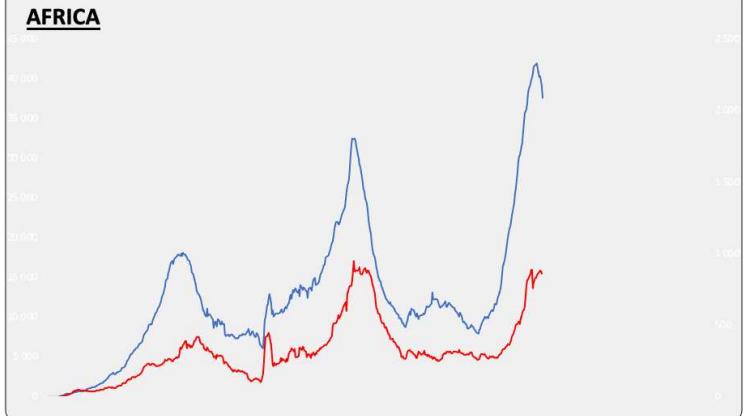
Lesotho



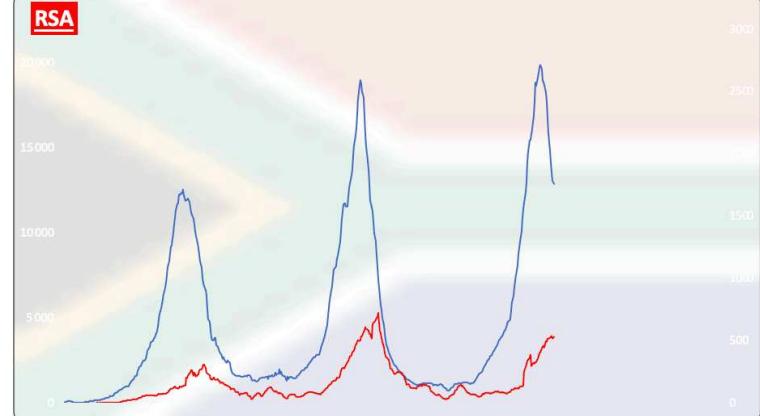
Mozambique



AFRICA



RSA



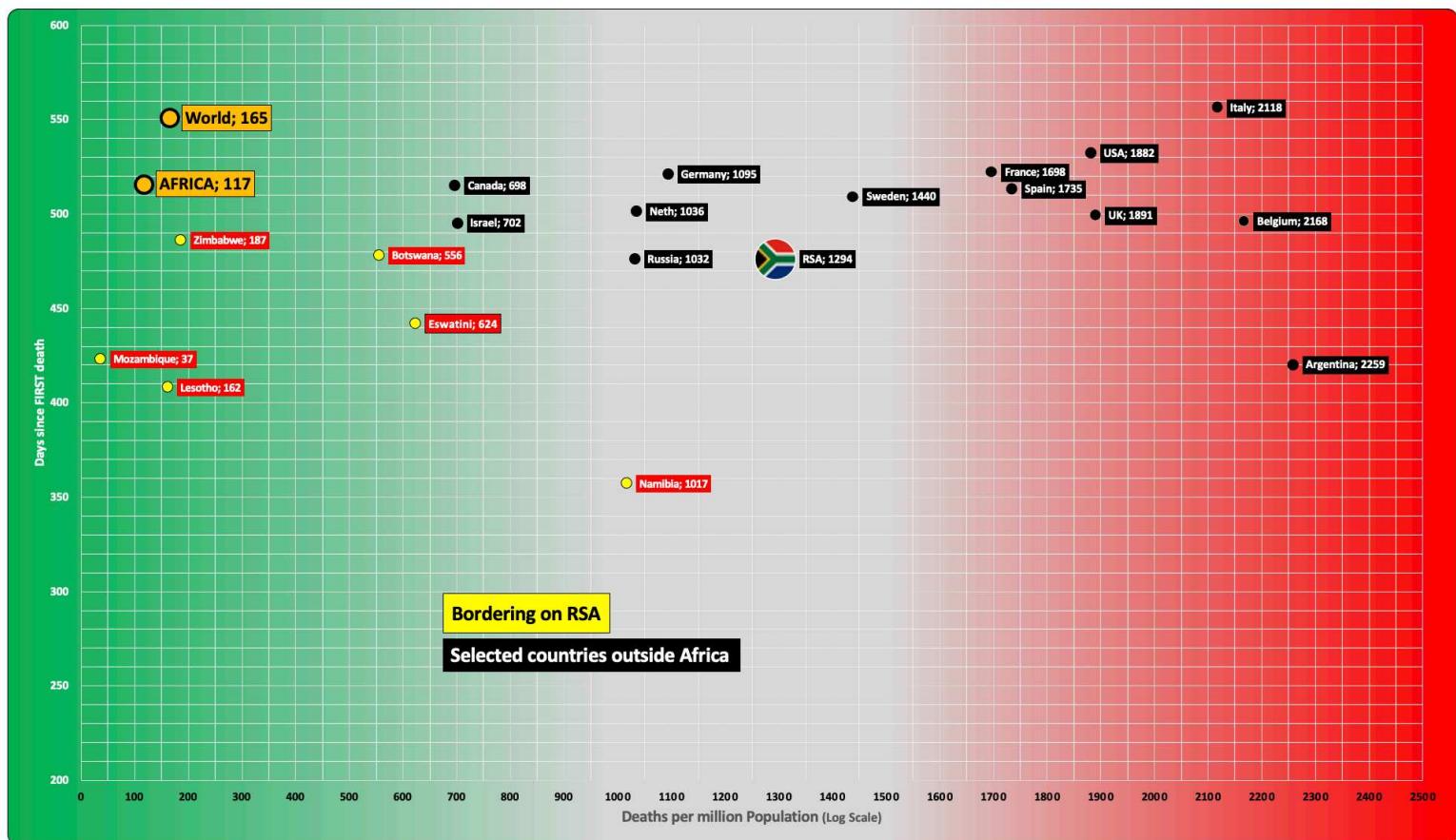
Data as at: 22 July 2021

Unless otherwise indicated

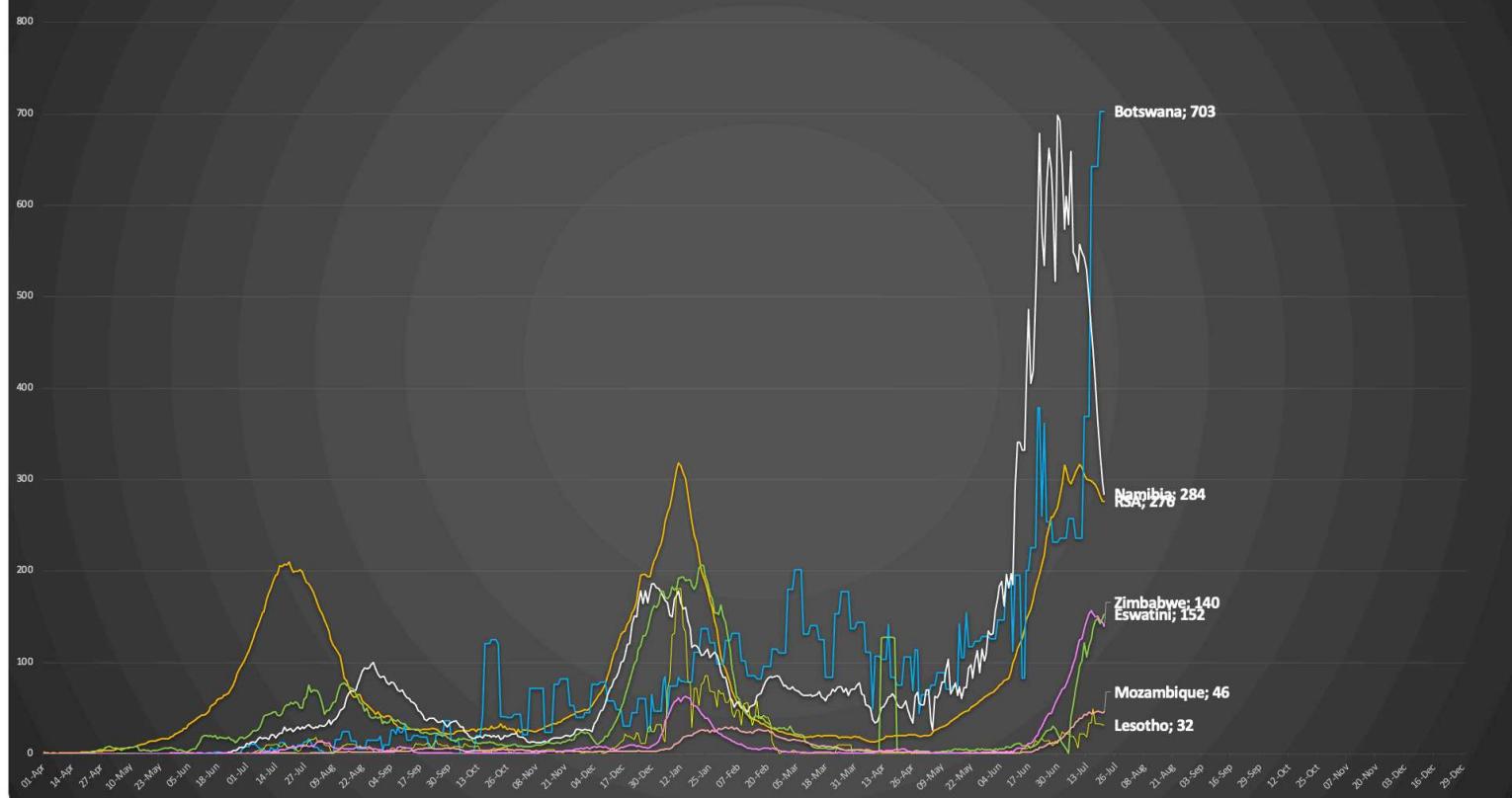
hdg 22 July 2021

## 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....

