

# HarryG COVID-19 StatsPack

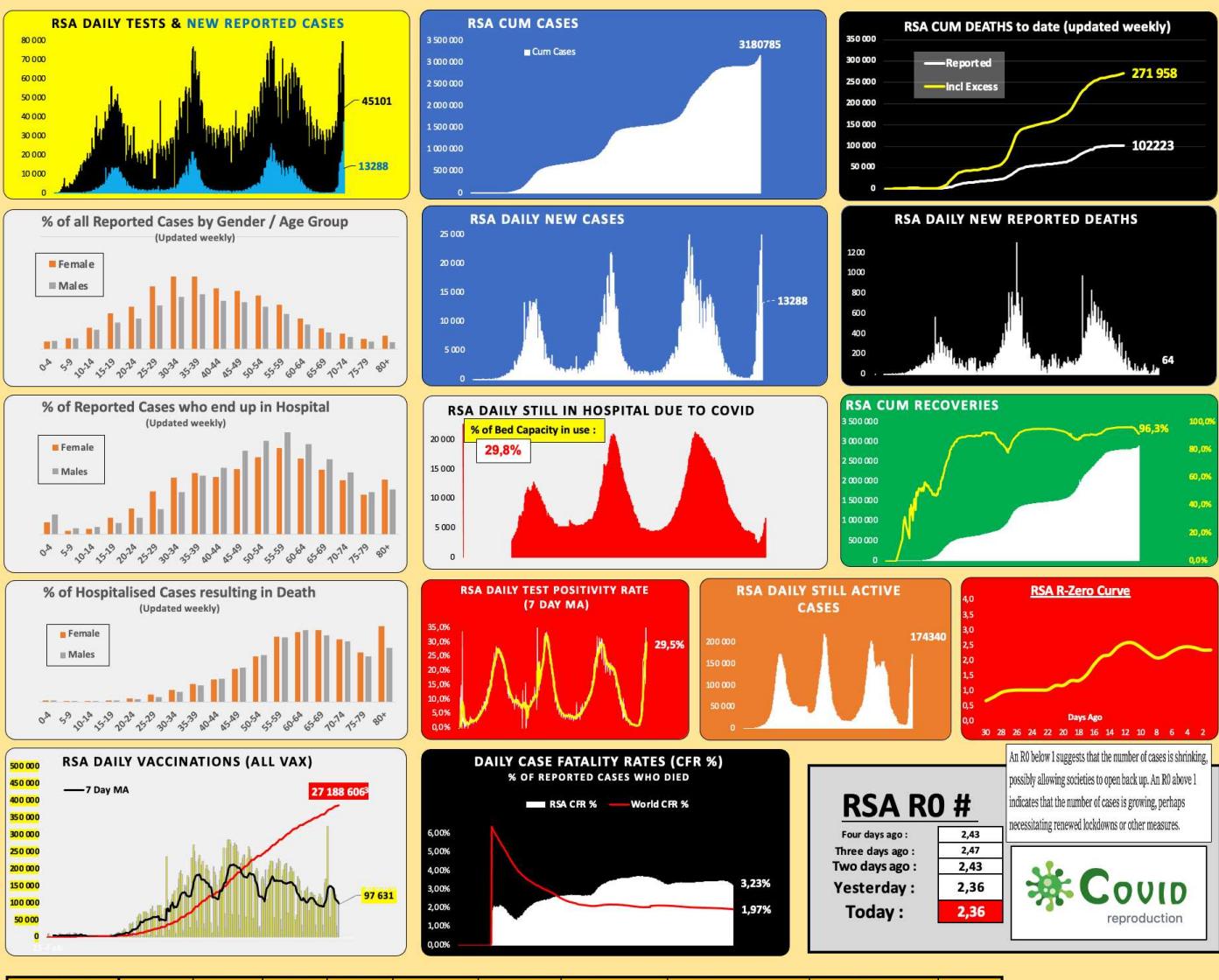
Deteriorating

Improving

Against  
Previous Day

Page 1

Cum Cases		Daily Cases		RSA COVID-19 DASHBOARD as at:  <b>14-Dec-21</b>	Daily Still in Hospital	Case Fatality Rates (CFR): Reported Cases      Hospital Cases		Vaccinations:		Time to achieve Govt Target of 41m vaxcs		
3 180 785	13 288	6198	3,23%      21,49%		Daily Avg	92 794	1,19	Yrs				
Still Active +Cases	Cum Cases p mill PoP	Cum Deaths p mill PoP	7 Day MA Vaccs per day		99 741	1,11	Yrs					
174 340	53 121	1716	Total to date:		<b>27 188 606</b>							
Deaths Ages	Avg	Median	Deaths Min Age	Deaths Max Age	Cum Tests	Daily Tests						
Female : Male :	56,6% 43,4%	51,6% 48,4%	2,89% 3,53%	55,2% 44,8%	20 283 906	45 101						
8,5	64,2	0,2	108	Daily Test Positivity Rate:	29,5%							
04-Dec												



% of adult PoP FULLY VAXXED:	RSA	Gauteng	KZN	E/Cape	W/Cape	Free State	Limpopo	Mpumalanga	N/West	N/Cape	(Updated weekly)
Progress Ranking by Province :	7	9	4	2	1	3	8	6	5		

Data as at: 13 December 2021

Unless otherwise indicated

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



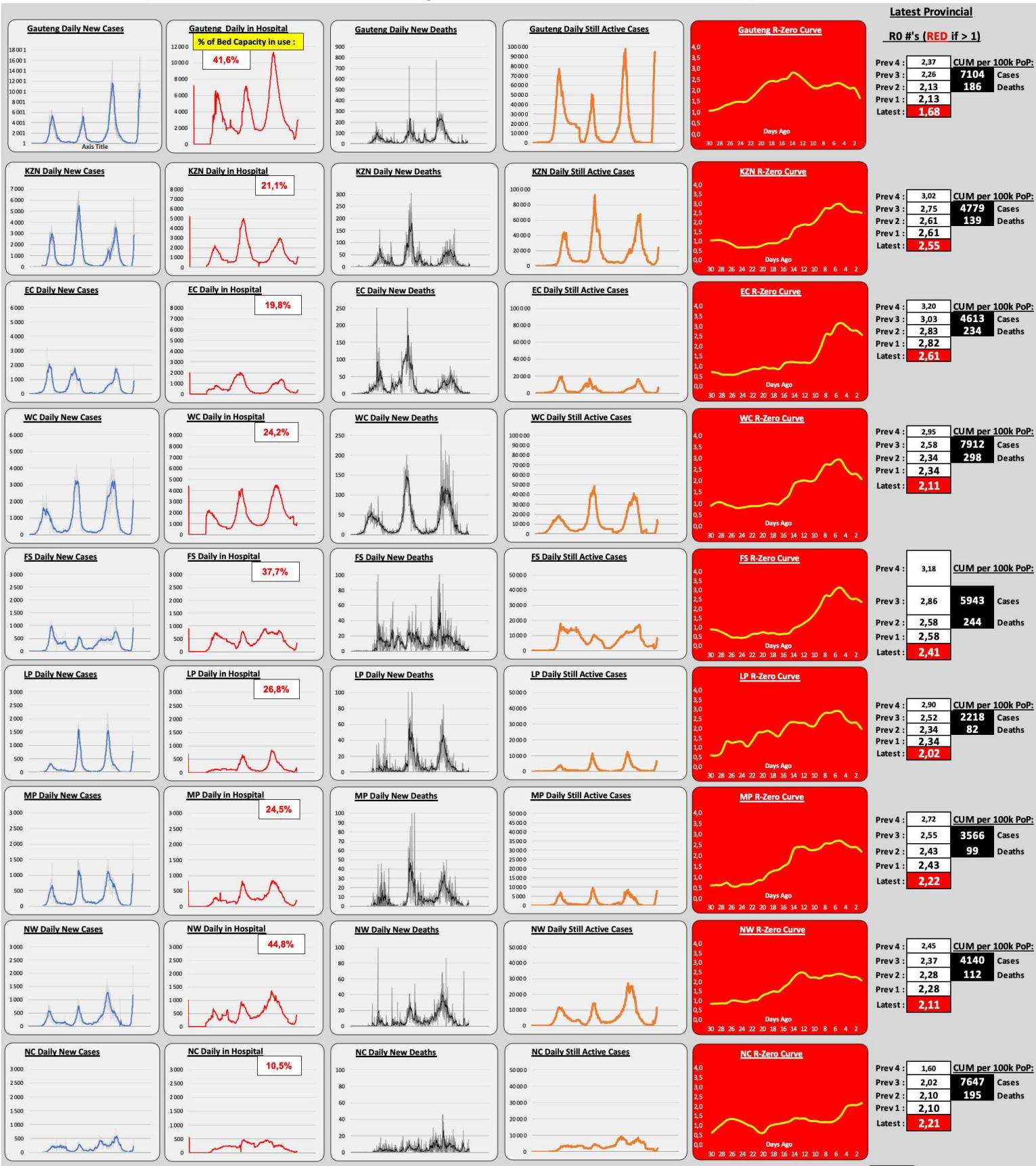
# RSA Provinces detailed daily Data and Trends Jan 2020 to Mch 2022

Page 1.1

Latest Provincial

RO #'s (RED if > 1)

Prev 4 :	2,37	CUM per 100k PoP:
Prev 3 :	2,26	7104 Cases
Prev 2 :	2,13	186 Deaths
Prev 1 :	2,13	
Latest :	1,68	



Data as at: 13 December 2021

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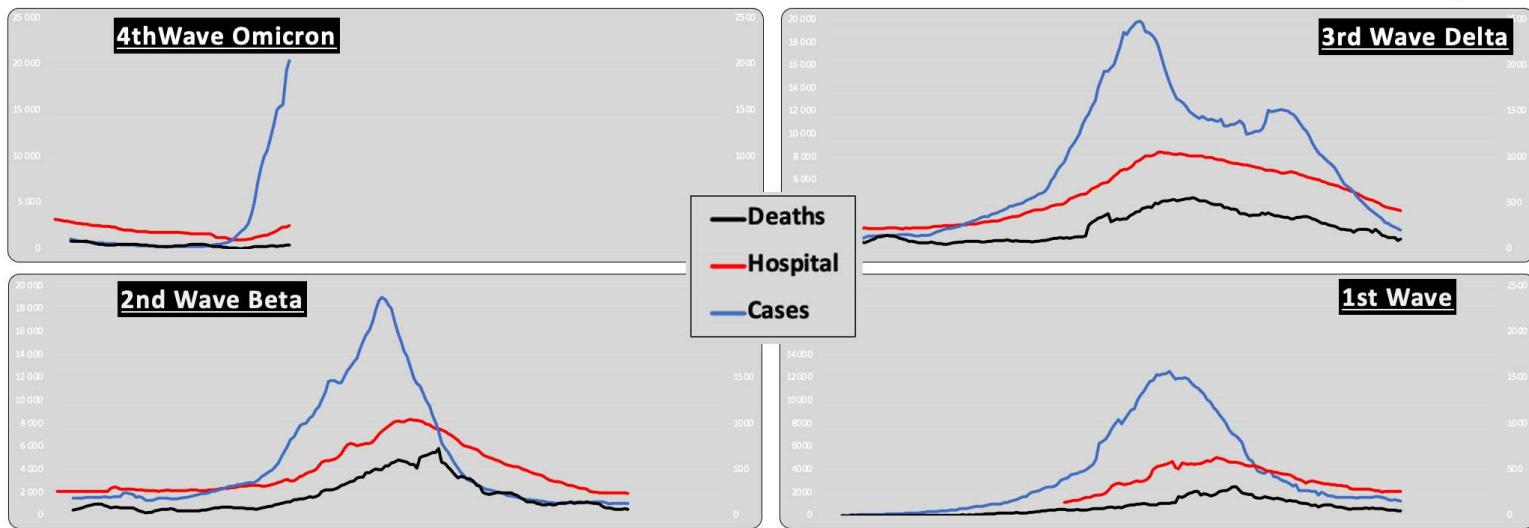
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14 December 2021

R-ZERO data sourced from: [REPRODUCTION.LIVE](http://REPRODUCTION.LIVE)

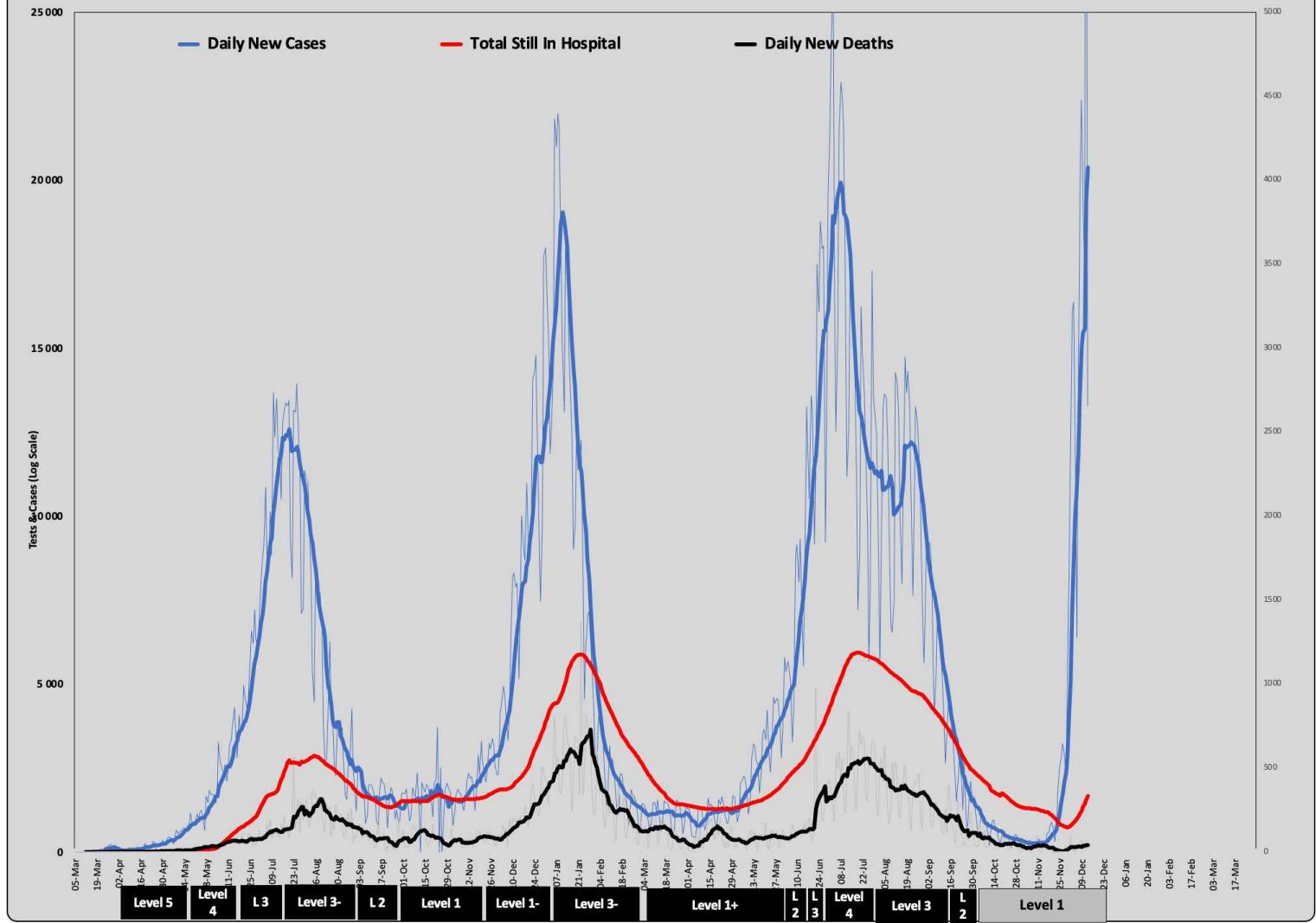


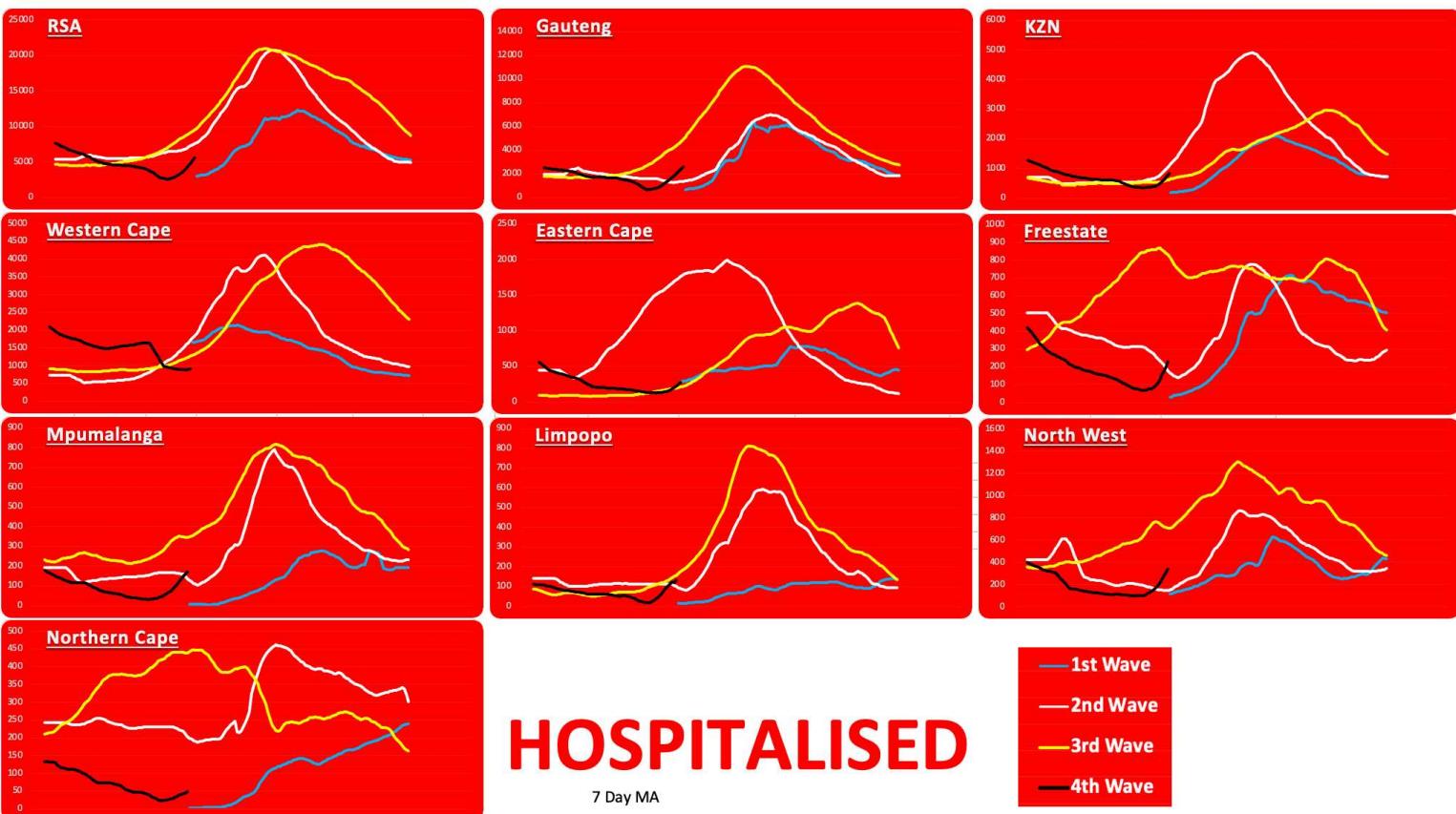
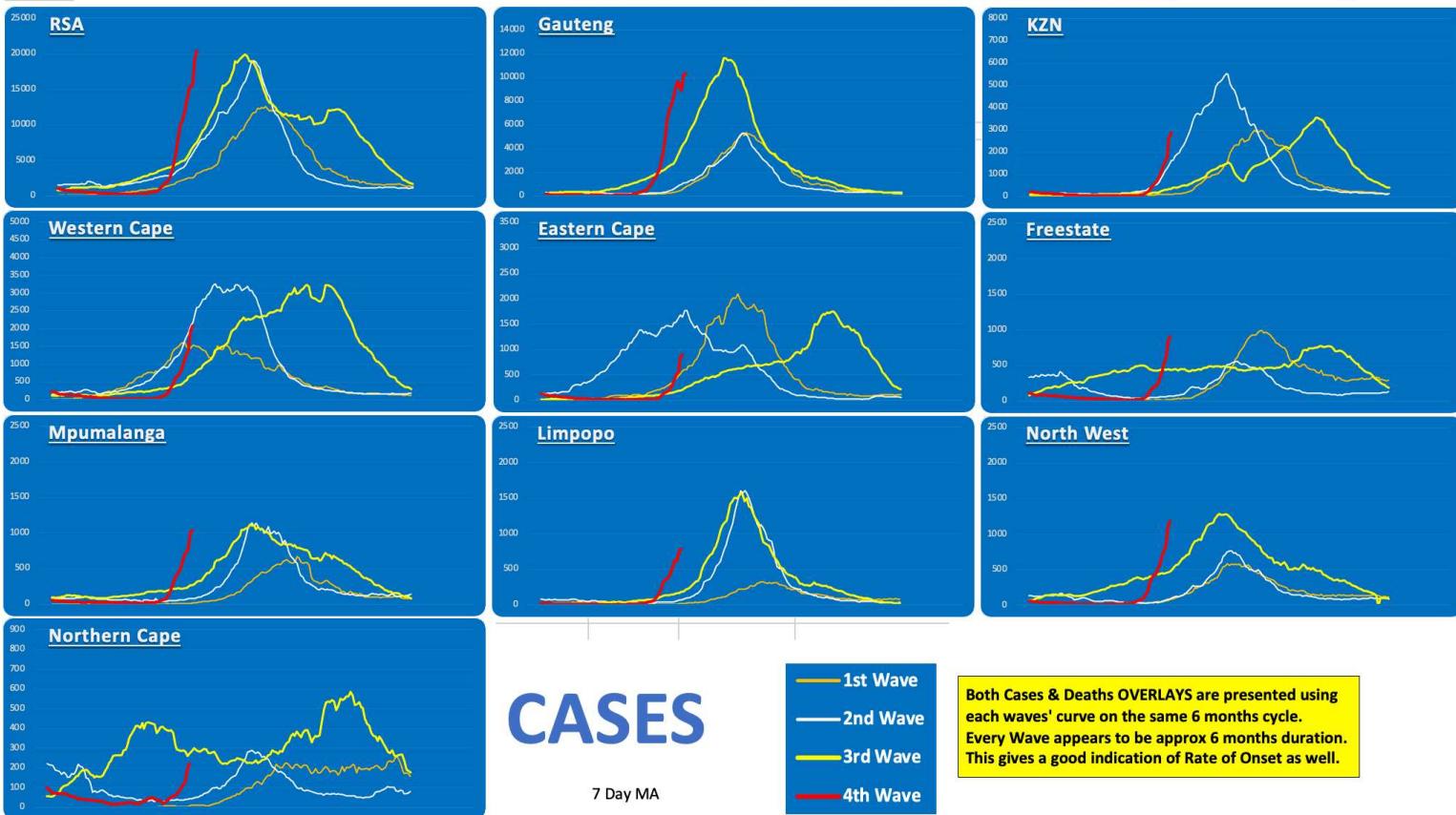
## RSA Onsets by Wave (7 Day MA's except for Hospitalisations which are 2 Day MA's)



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

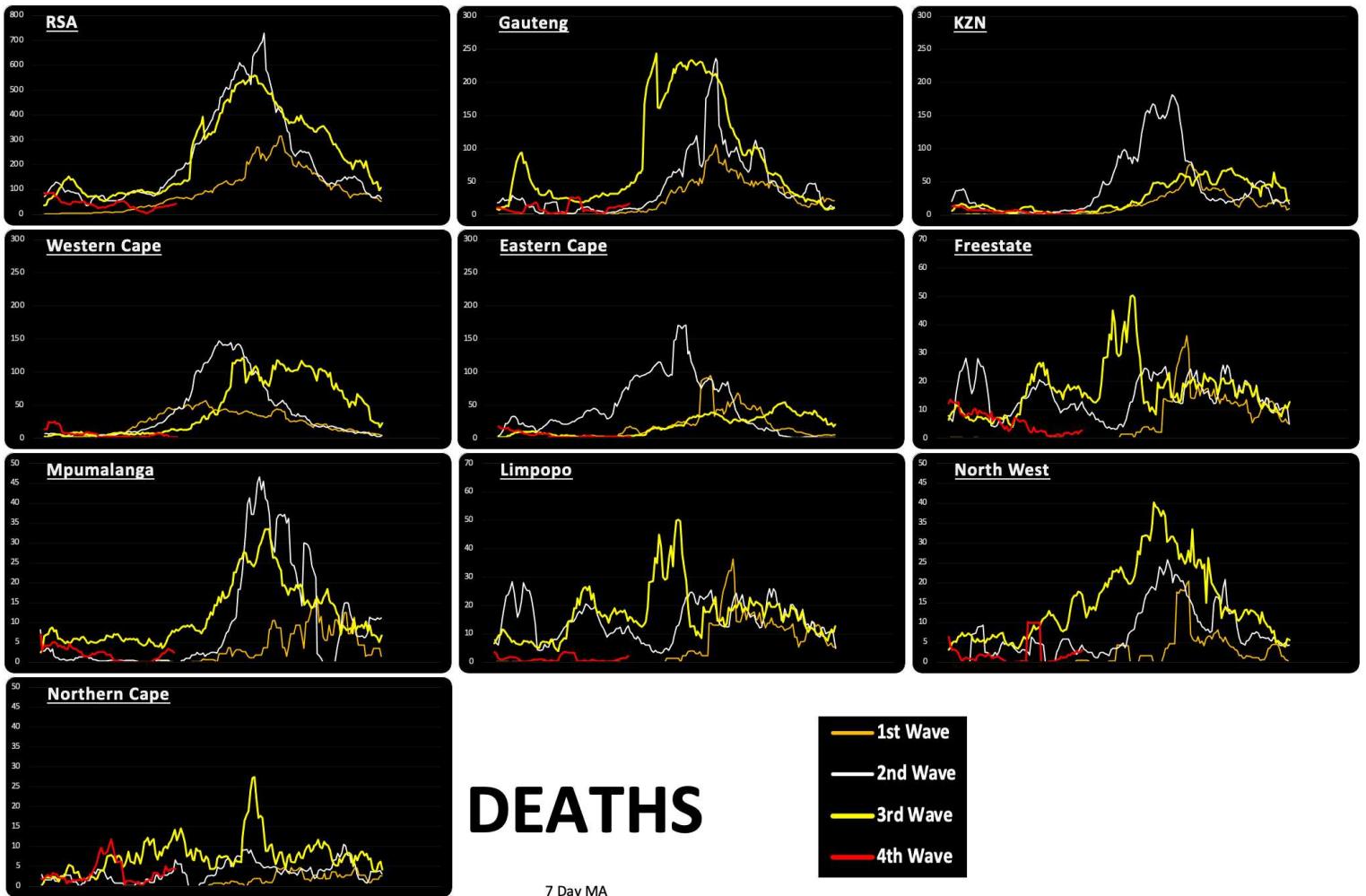
note the dual axes





## 1st / 2nd / 3rd & 4th WAVE OVERLAYS (DAILY DEATHS)

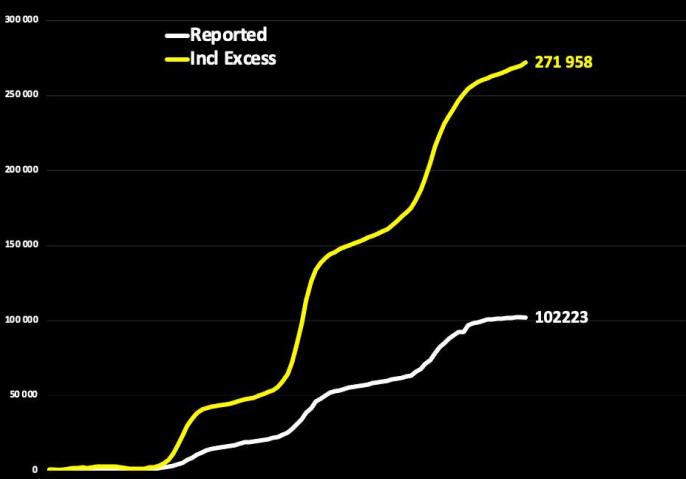
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## RSA Cum & Projected Deaths (Reported & Incl Excess)

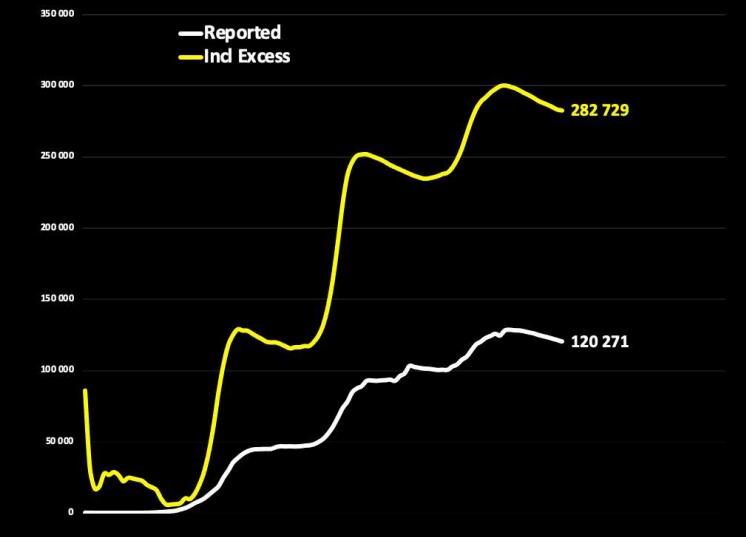
### RSA CUM COVID DEATHS (updated weekly)

Assuming 90% of Excess Deaths are Covid related.



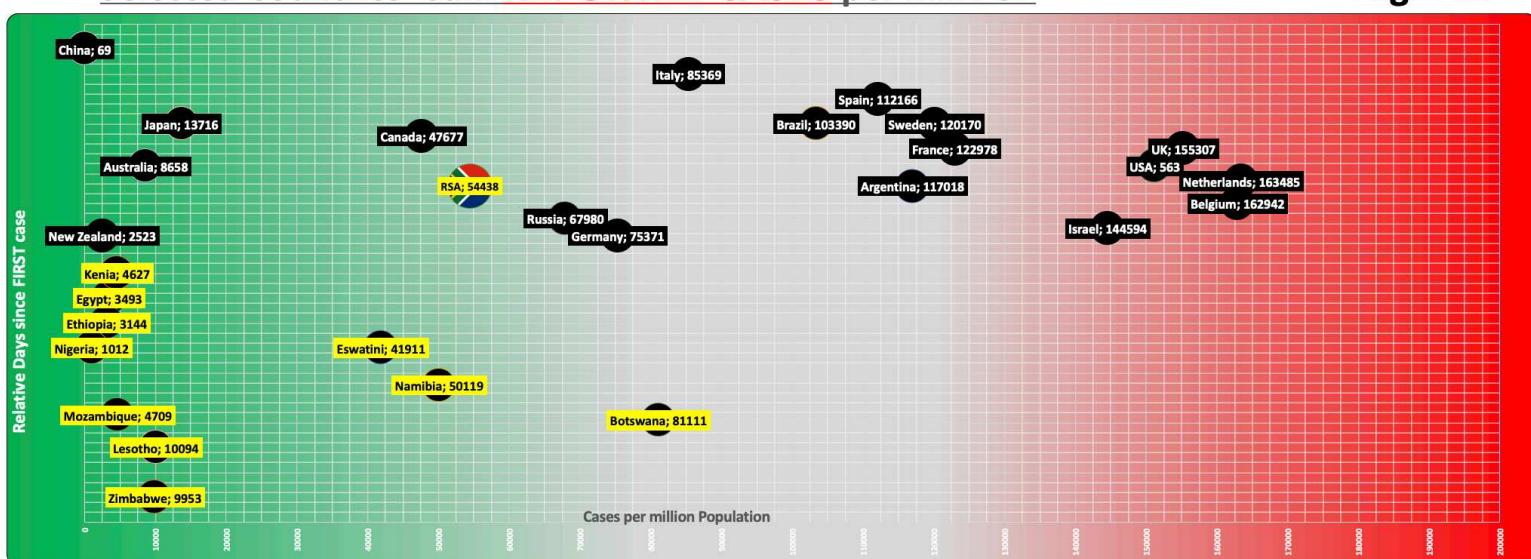
### RSA CUM COVID DEATHS PROJECTED TO Mch 2022

Assuming 90% of Excess Deaths are Covid related.

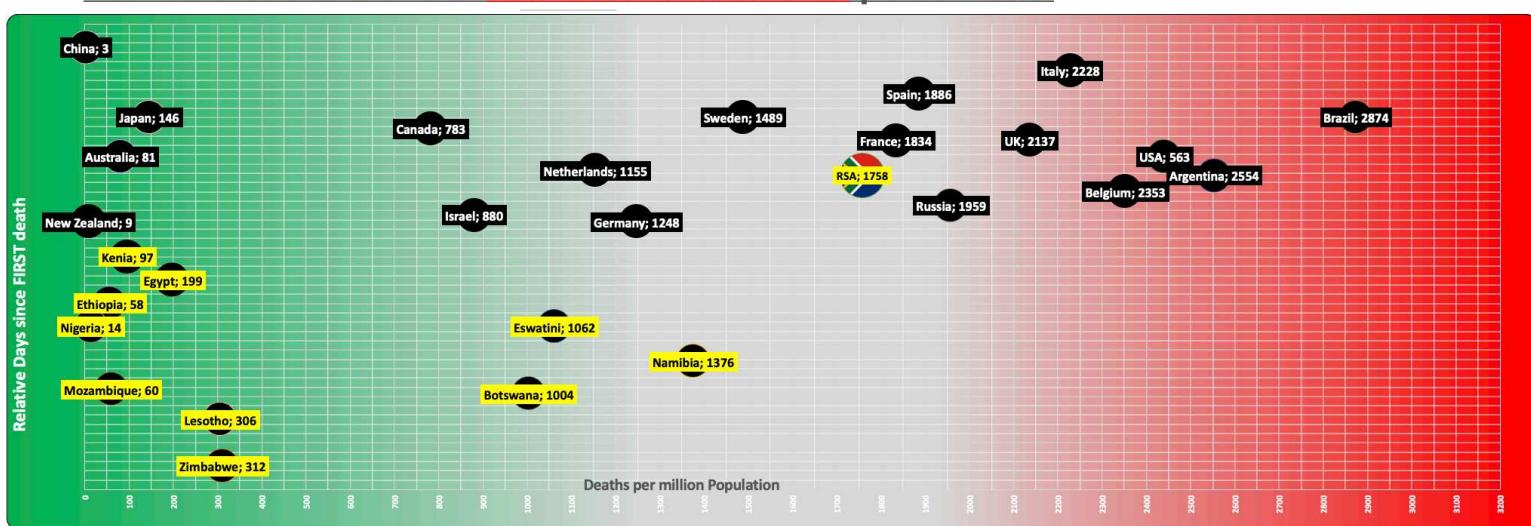


## Selected Countries' Cum **REPORTED CASES** per mill PoP

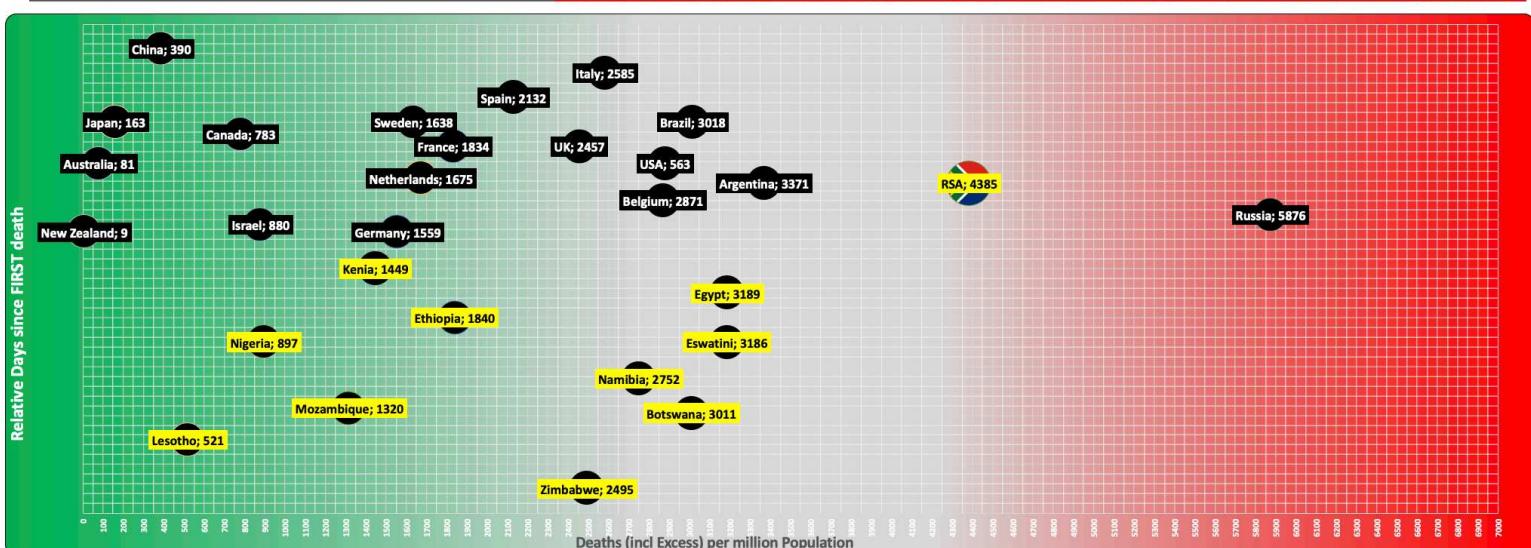
Page 2.3



## Selected Countries' Cum **REPORTED DEATHS** per mill PoP



## Selected Countries' Cum Deaths incl EXCESS DEATHS\* per mill PoP (where data available)



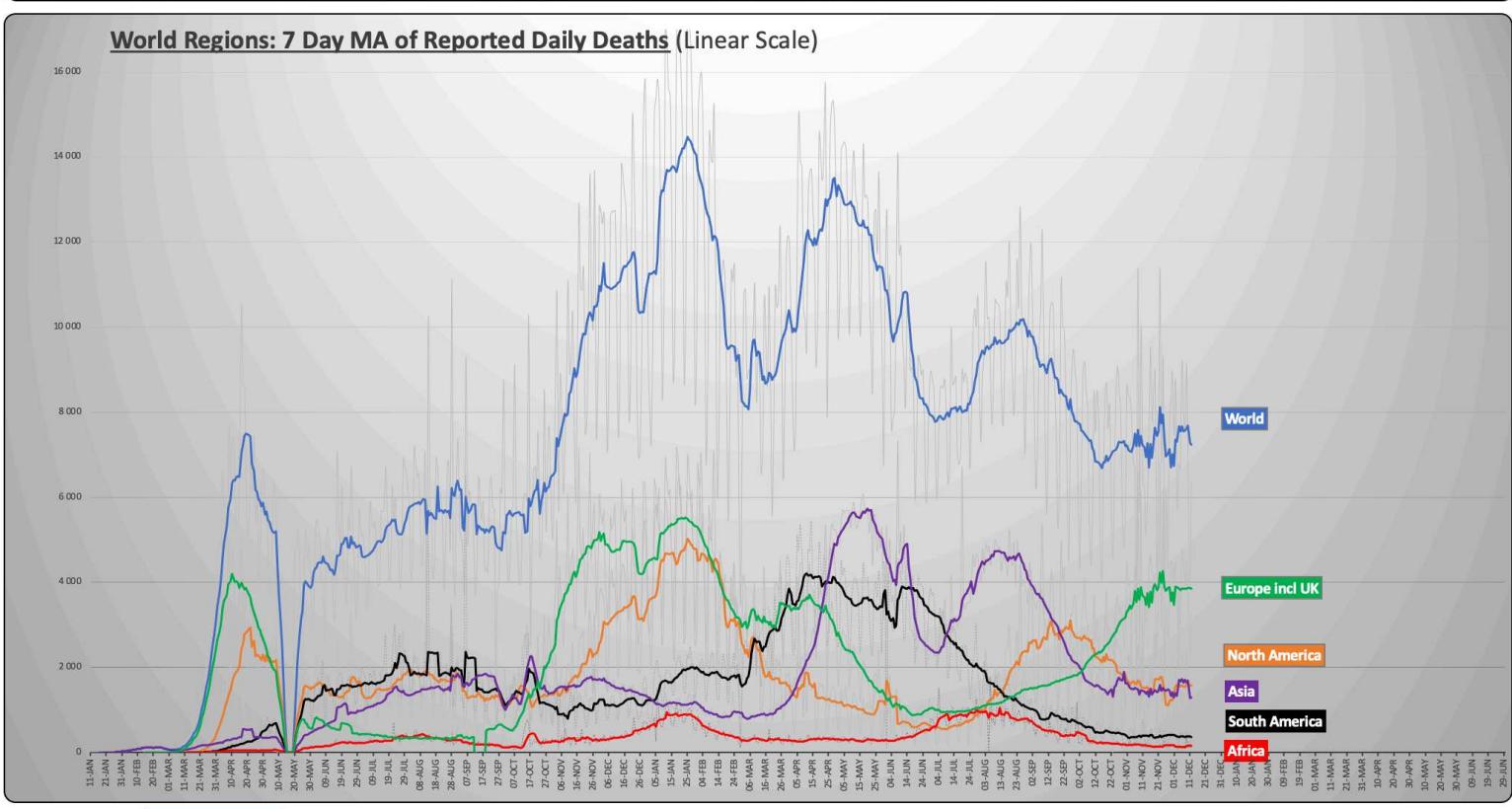
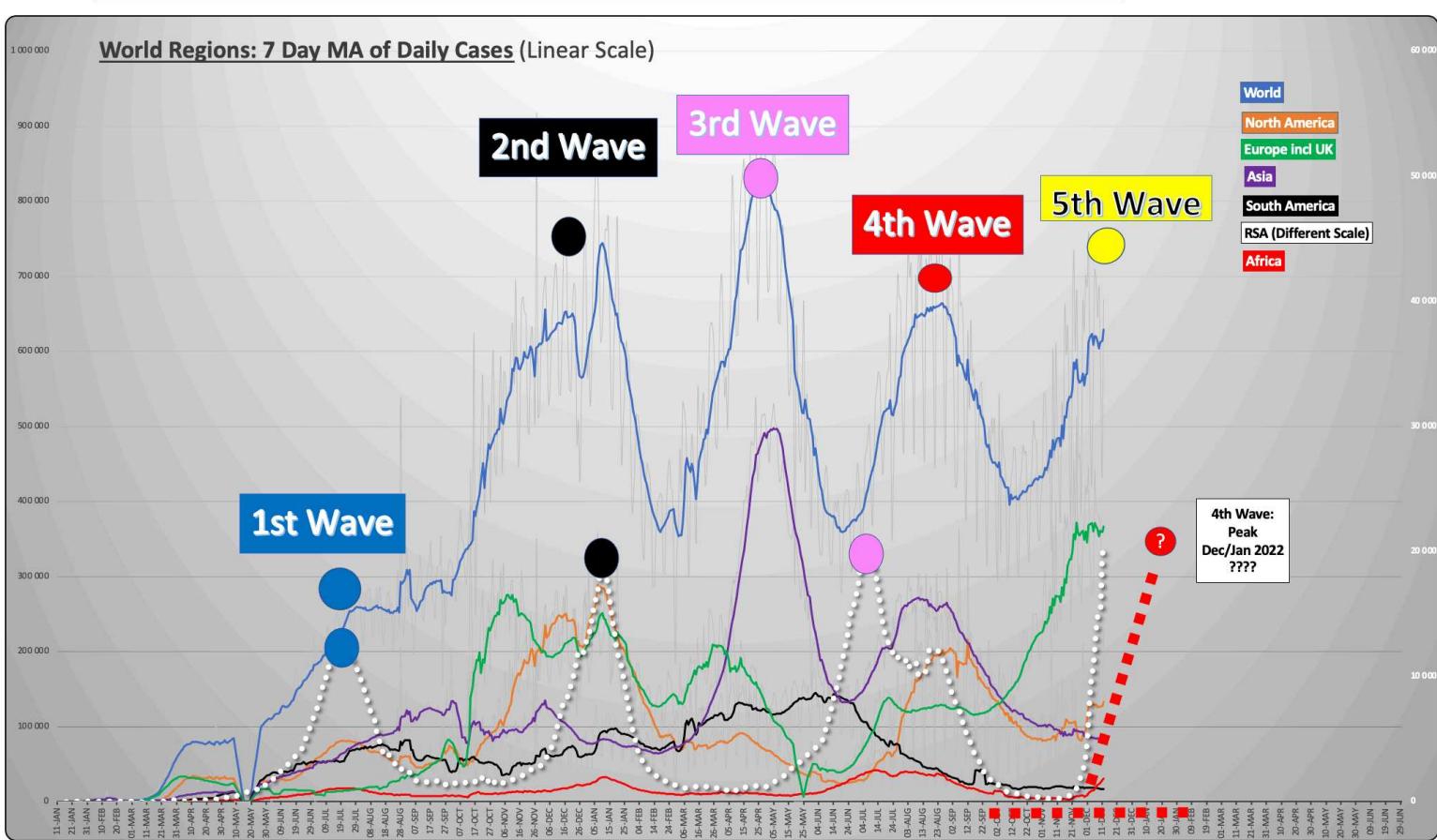
Data as at: 13 December 2021

\*Excess Deaths %'s as per OurWorldinData & The Economist Magazine

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

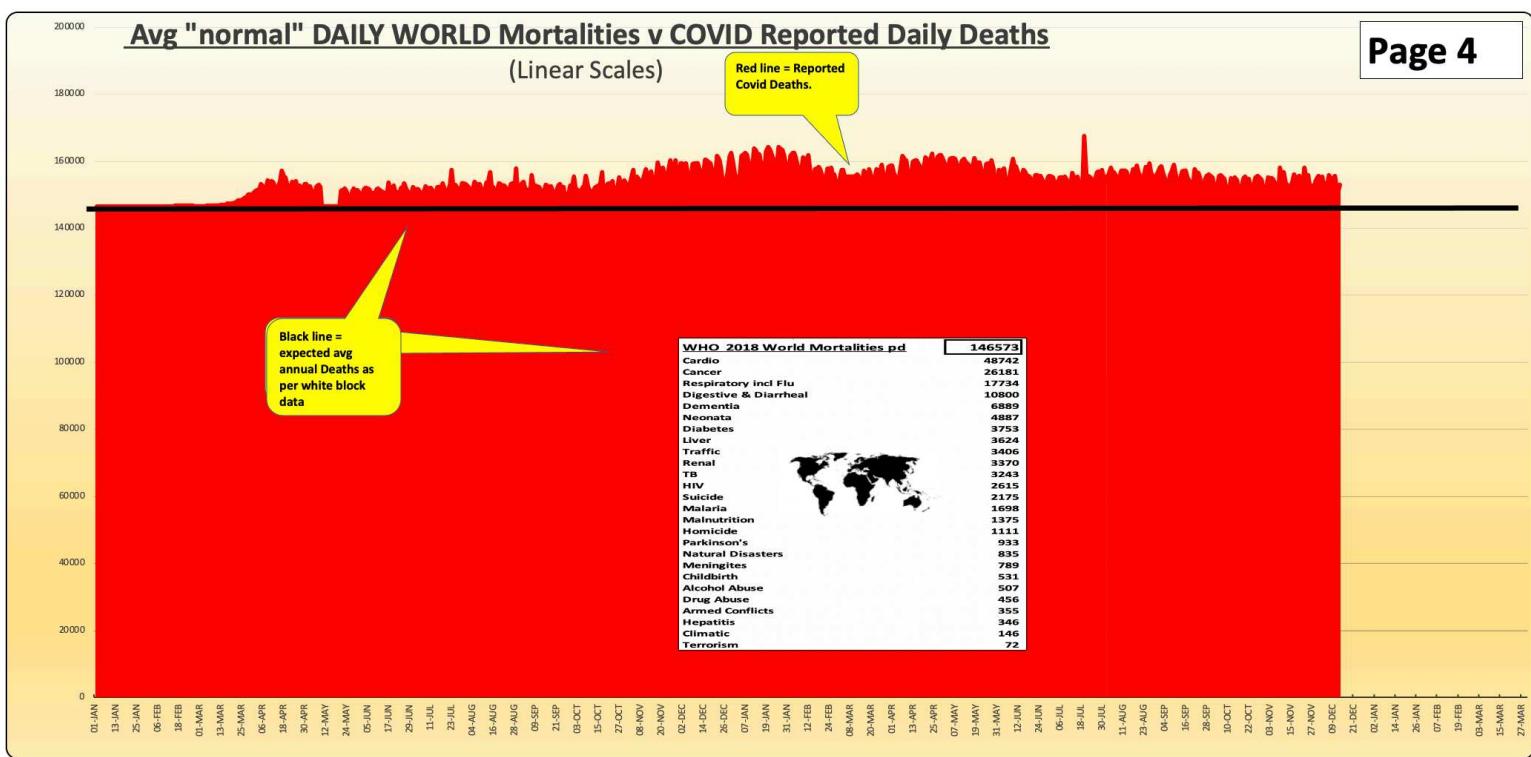
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Data as at: 14 December 2021

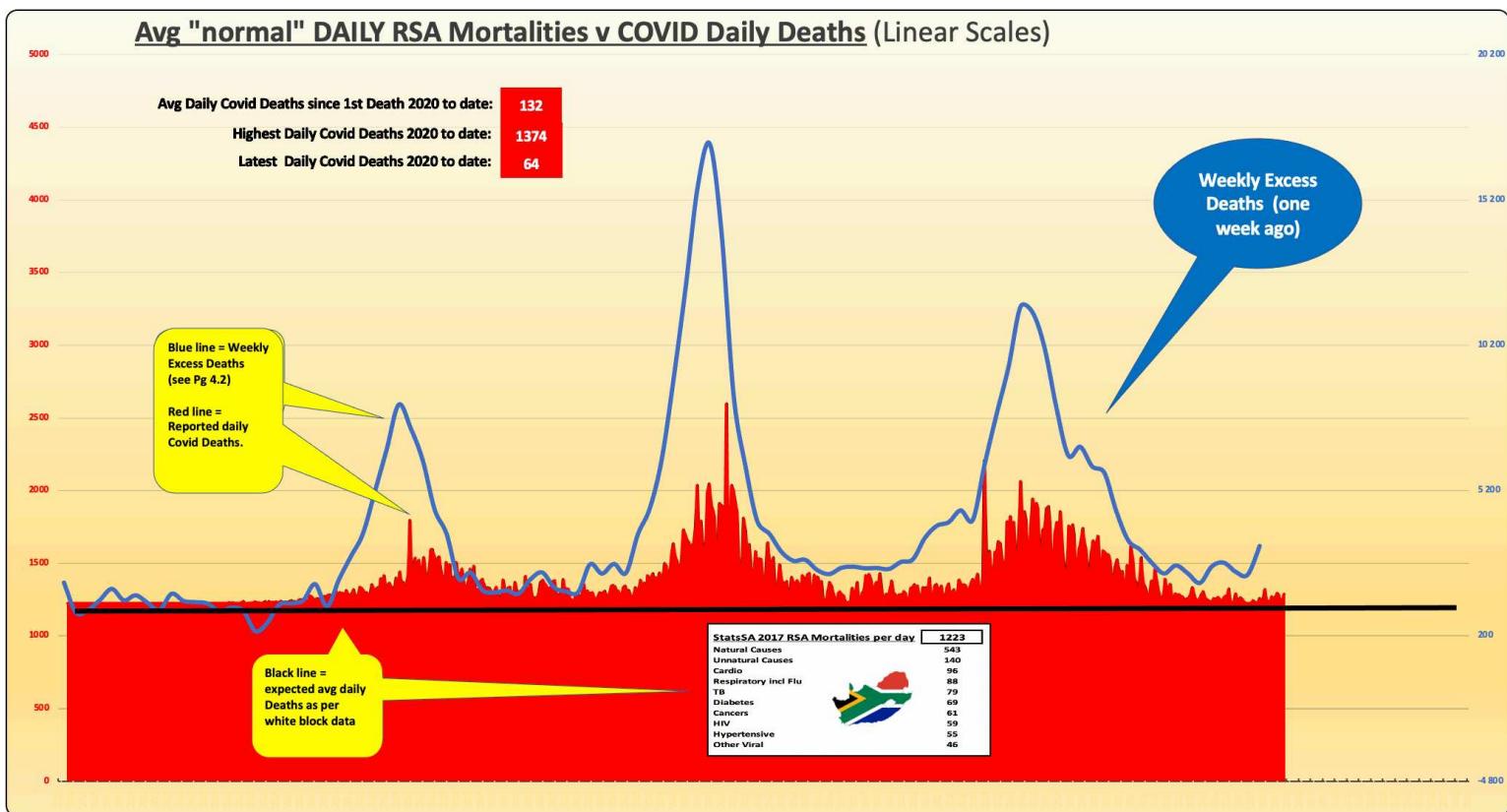
Unless otherwise indicated

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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.



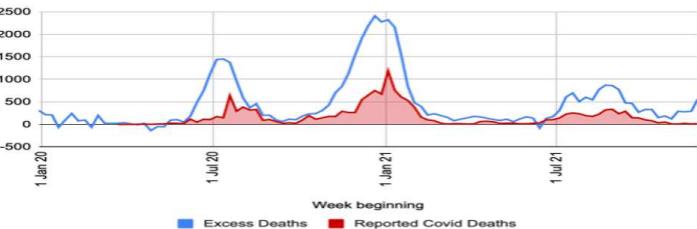
## RSA Excess Deaths as per SA Medical Research Council

As at : 04 December 2021

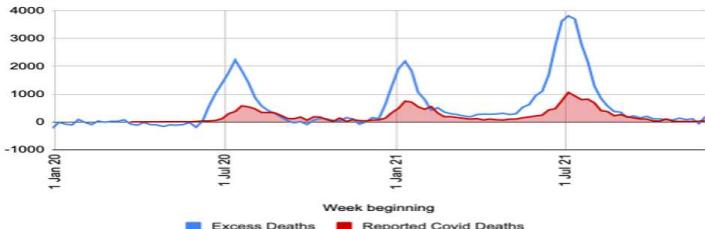
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### Provinces

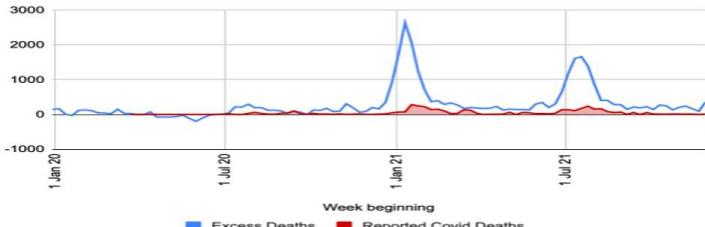
EC (Natural) Excess Deaths and Reported Covid-19 Deaths



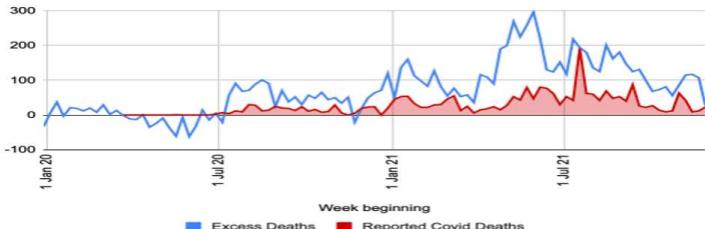
GT (Natural) Excess Deaths and Reported Covid-19 Deaths



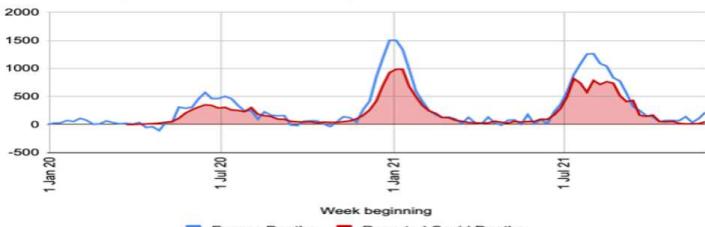
LM (Natural) Excess Deaths and Reported Covid-19 Deaths



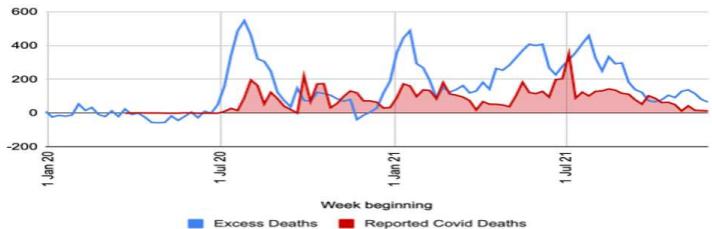
NC (Natural) Excess Deaths and Reported Covid-19 Deaths



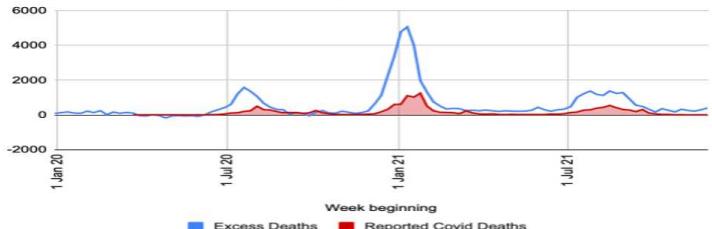
WC (Natural) Excess Deaths and Reported Covid-19 Deaths



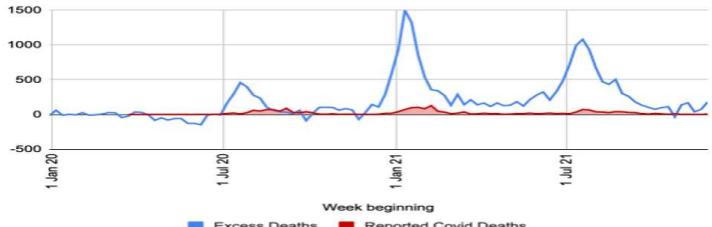
FS (Natural) Excess Deaths and Reported Covid-19 Deaths



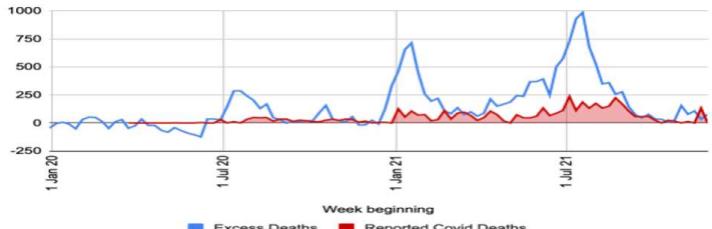
KZ (Natural) Excess Deaths and Reported Covid-19 Deaths



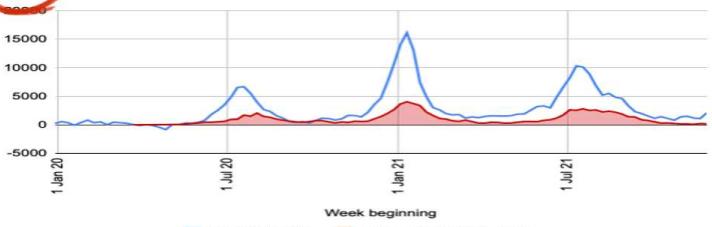
MP (Natural) Excess Deaths and Reported Covid-19 Deaths



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



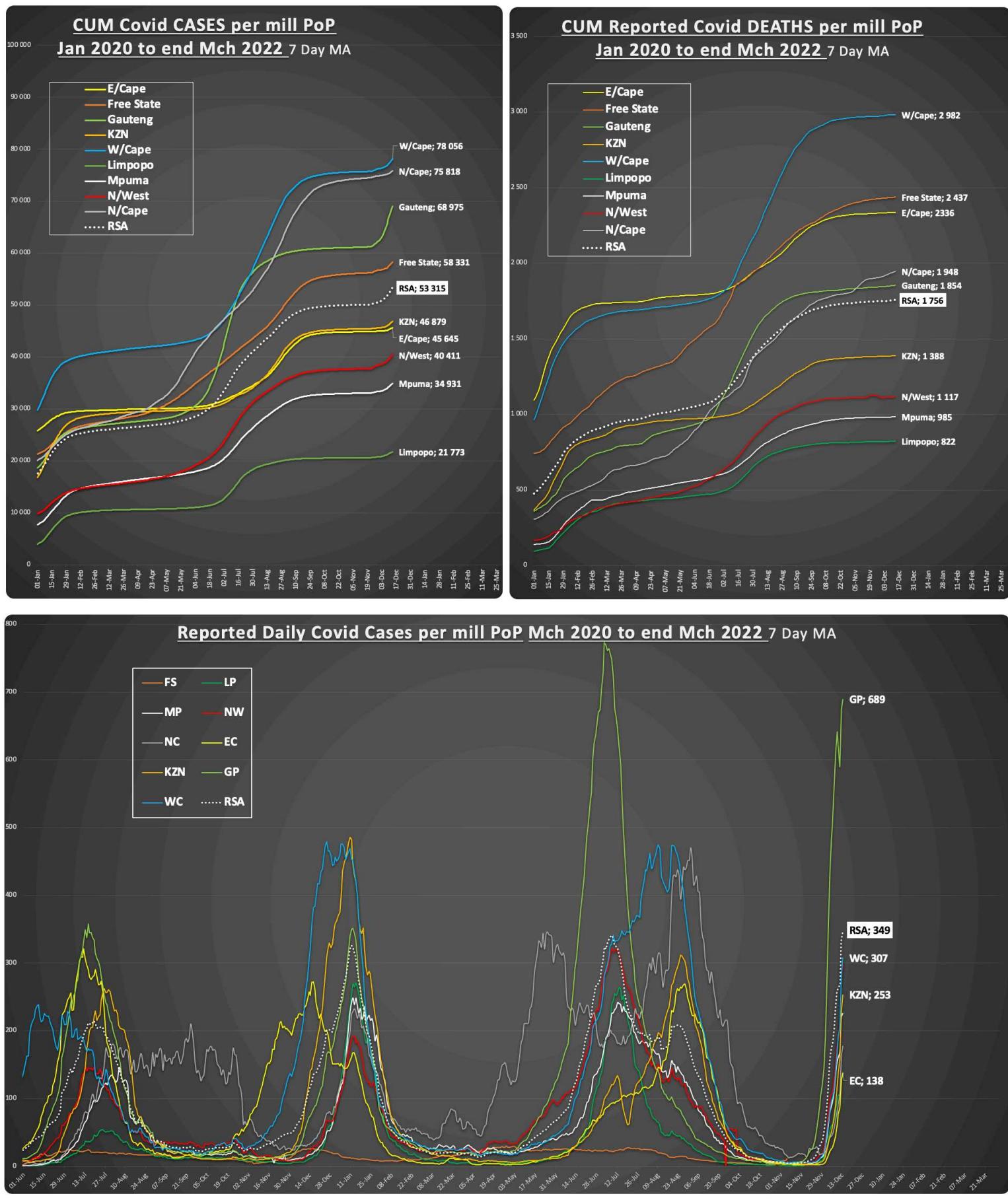
RSA (Natural) Excess Deaths and Reported Covid-19 Deaths



The red lines are weekly Covid deaths as reported by Dept of Health.  
 The blue lines are total Natural Deaths as reported by Dept of Home Affairs.  
 The differences are the so-called "Excess Deaths" which can largely be ascribed to Covid, either directly (home/rural deaths) and/or indirectly (limited access to hospitals).

## RSA Provinces Key Metrics per million PoP (Jan 2020 to end Mch 2022)

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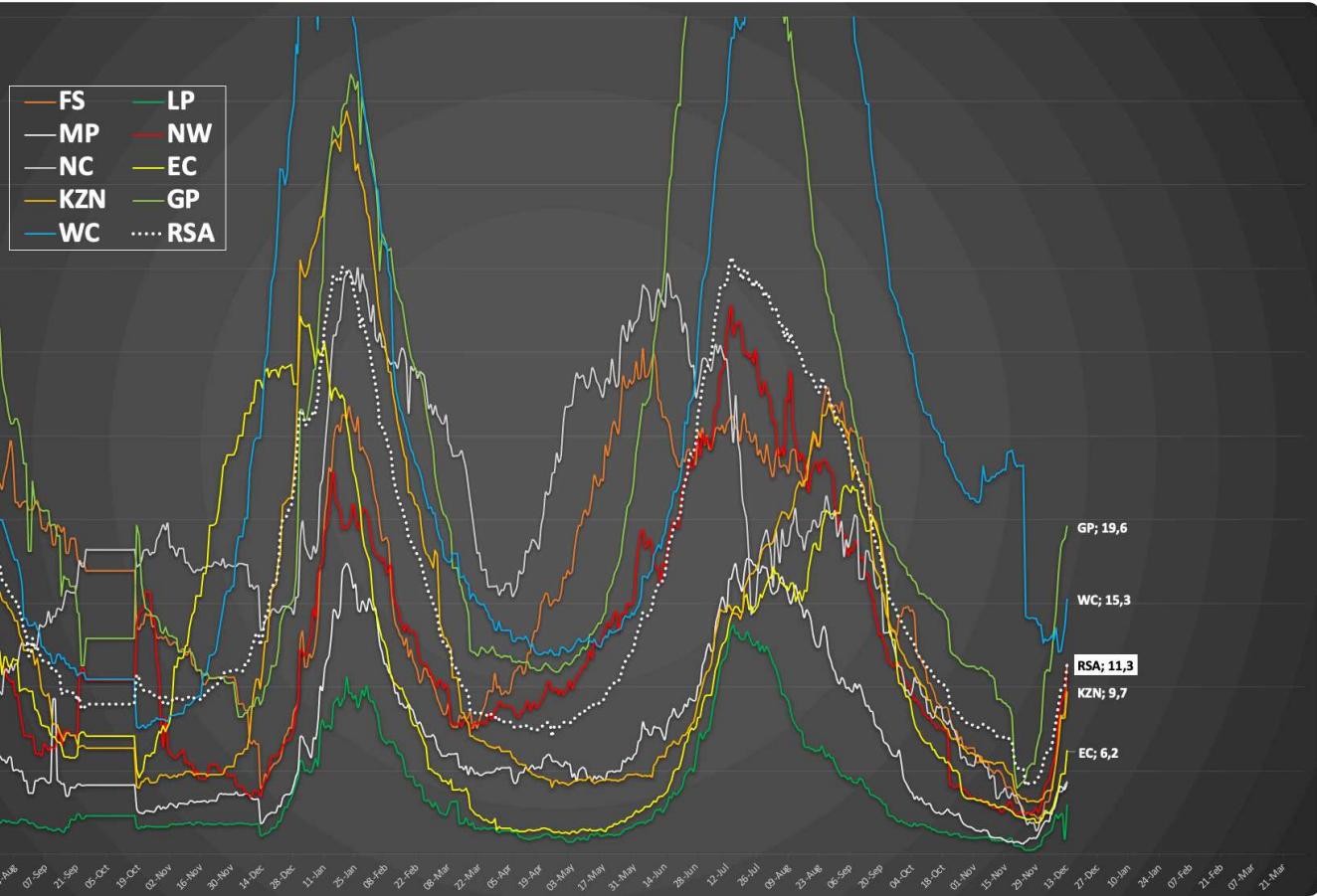
Data as at: 13 December 2021

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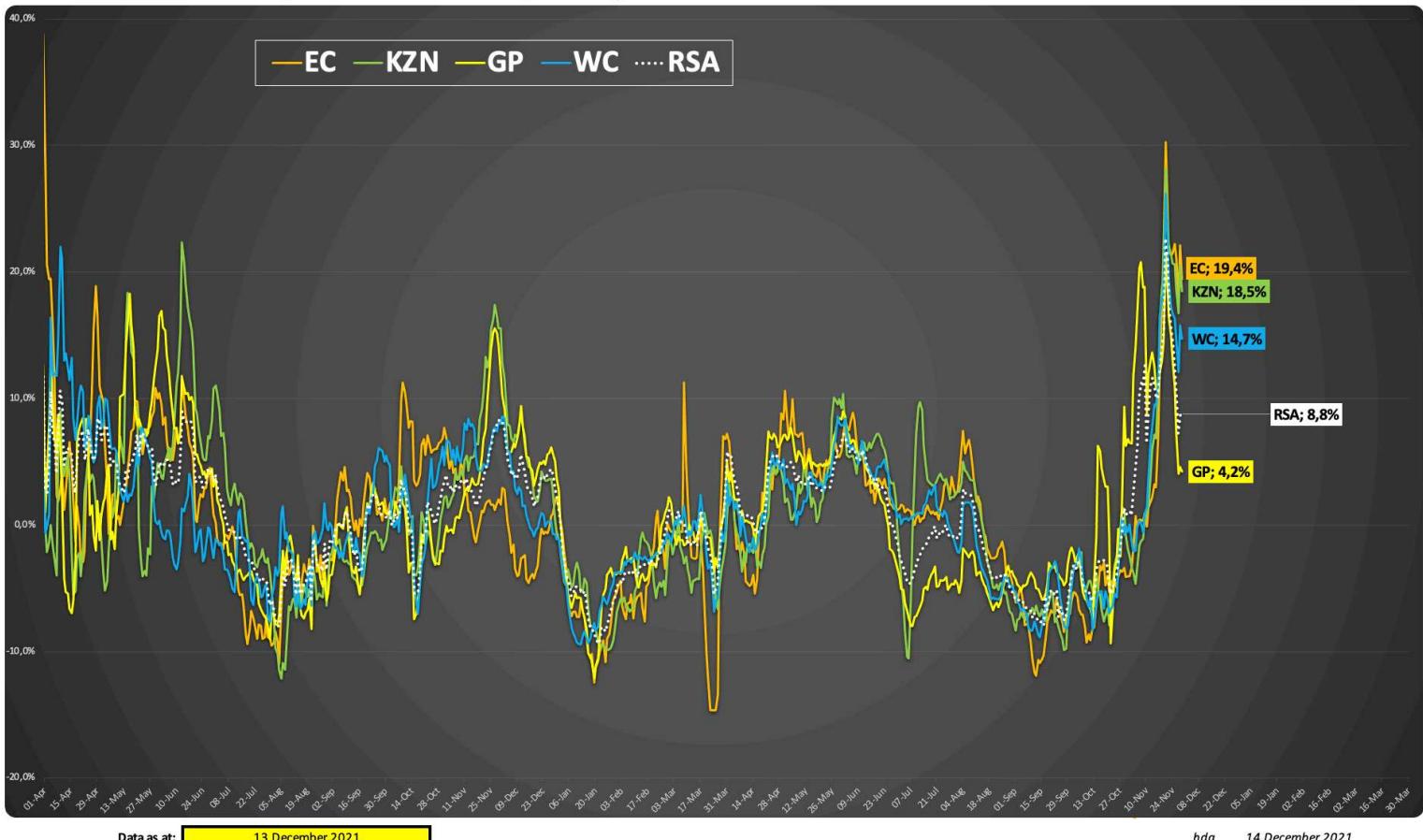
14 December 2021

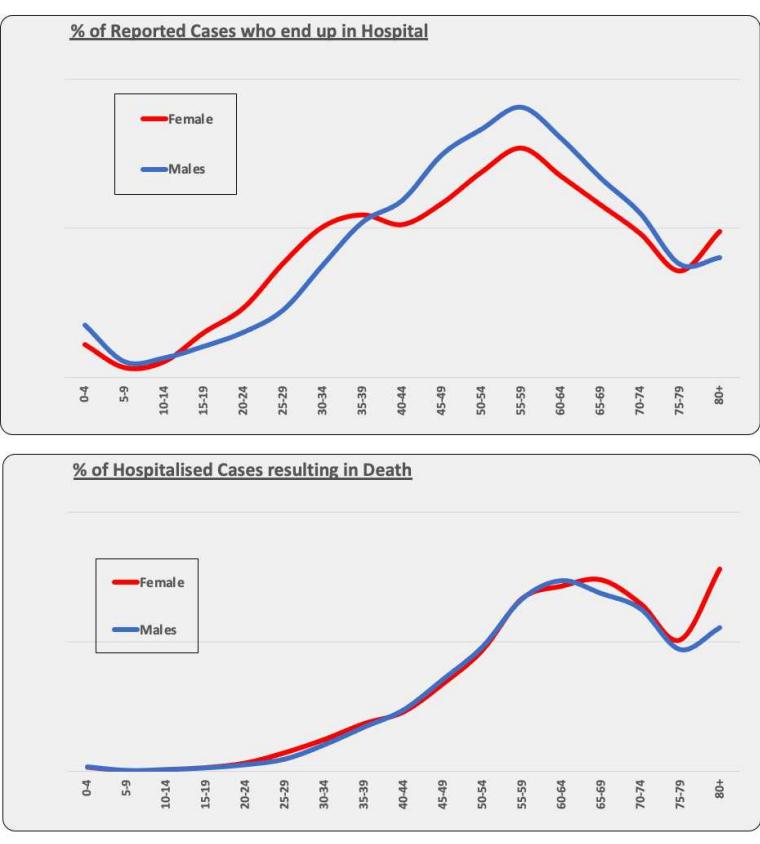
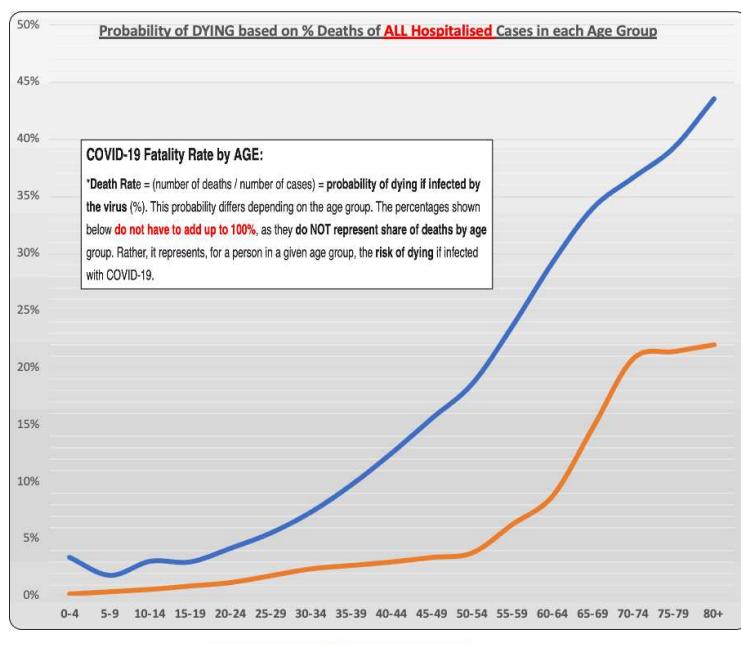
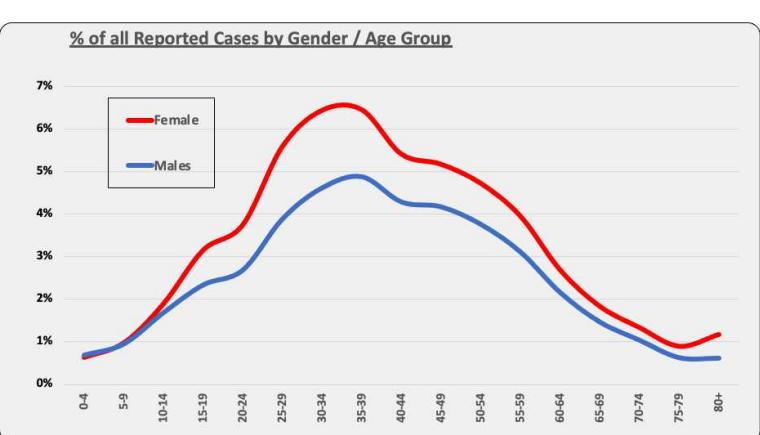
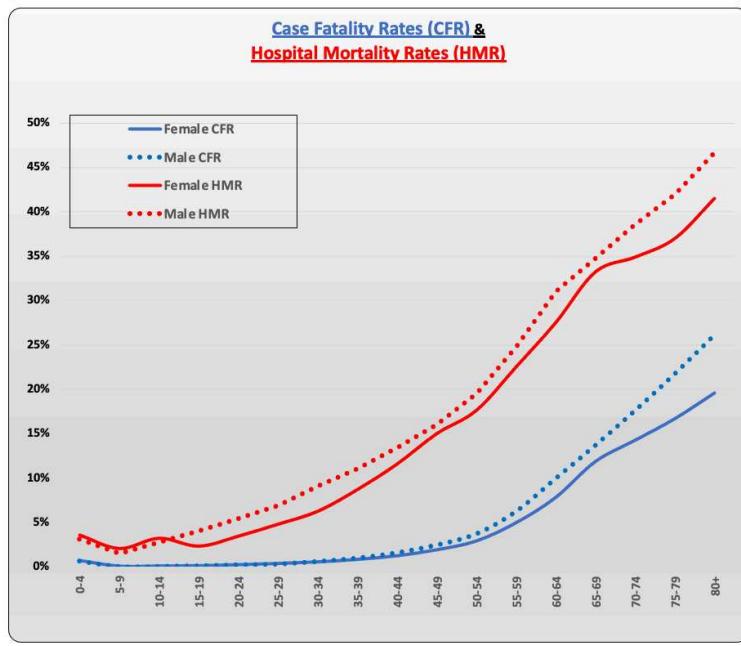
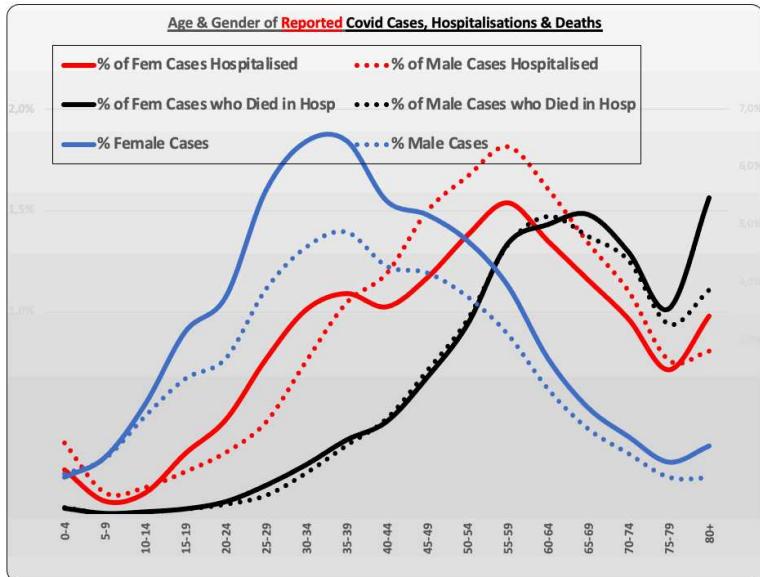
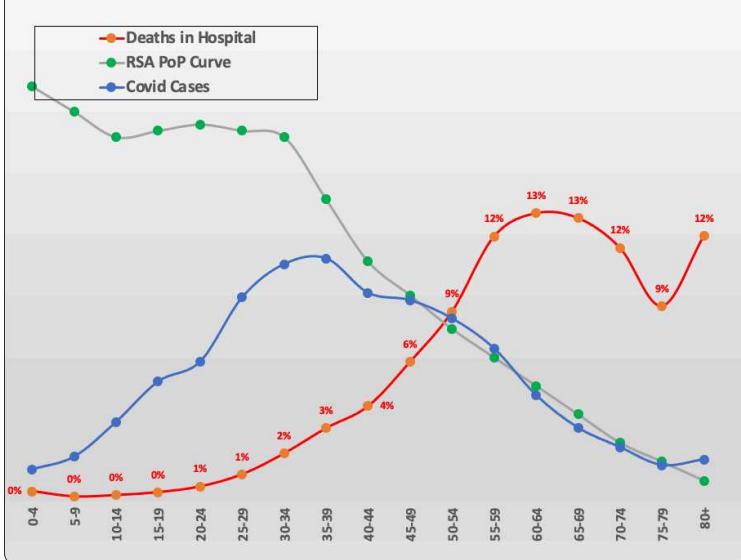
## RSA & Prov's Daily Covid Cases in Hospital per 100k Population

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## Major Prov's Rolling 7 Day New Case Escalation % (7Day MA)

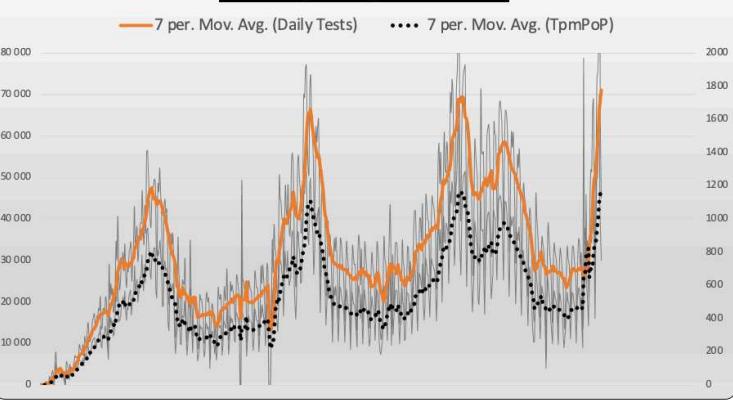




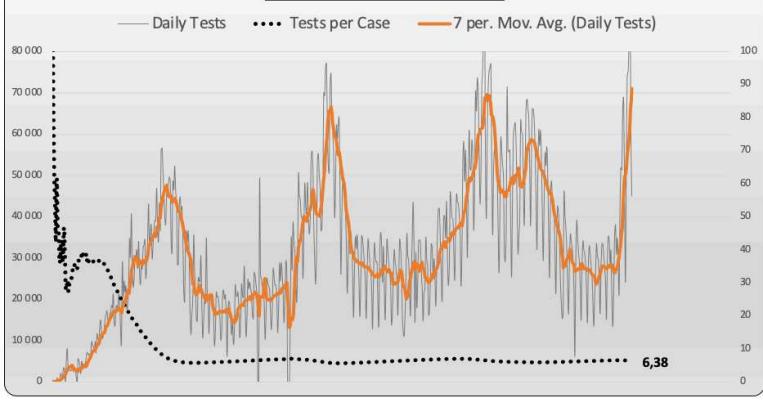
## RSA Key Ratios & Comparators (all graphs from Jan 2020)

Page 6.1

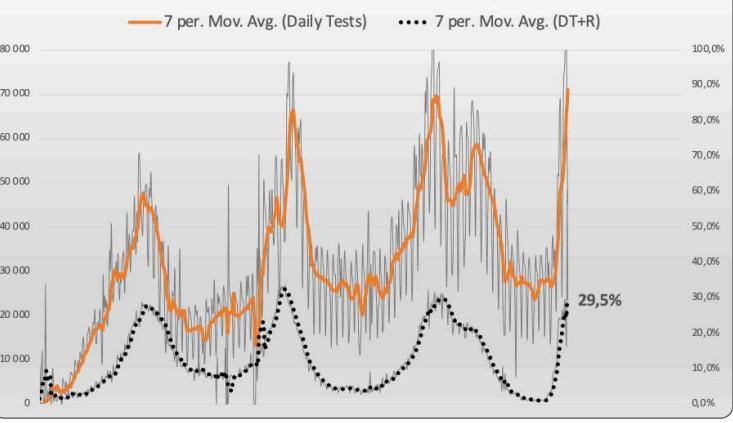
RSA: Daily Tests per million PoP



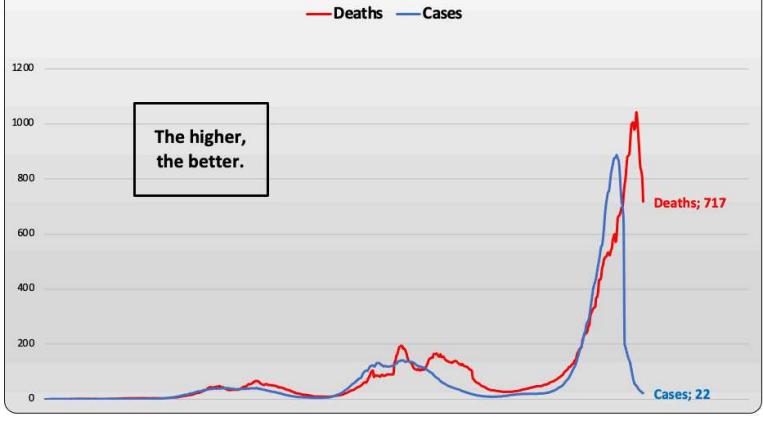
RSA: Daily Tests per +Case



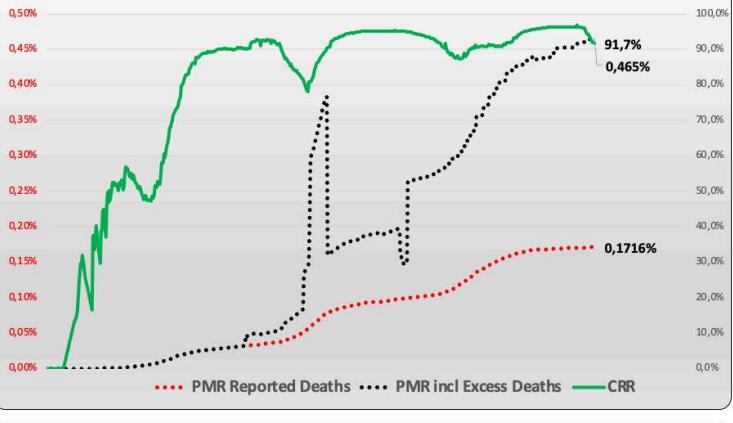
RSA: Daily Tests Positivity %



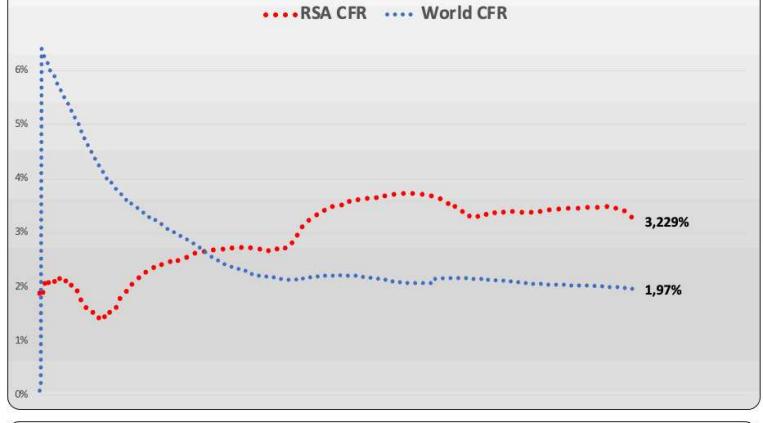
RSA Doubling Times in Days



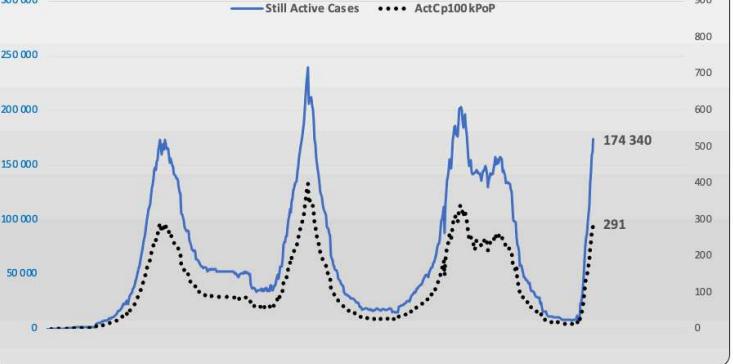
RSA: Case Recovery Rate (CRR) & PoP Covid Mortality Rate



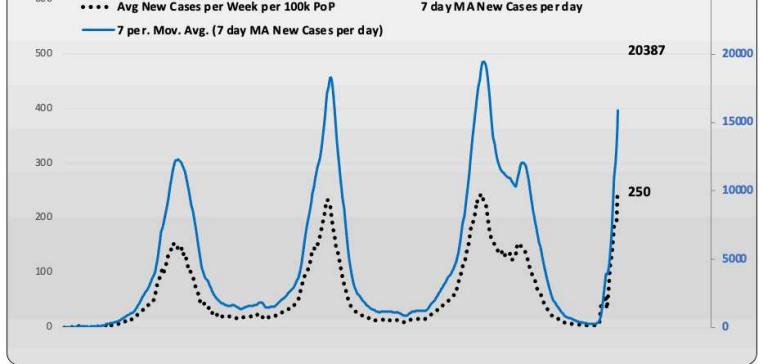
Covid Reported Deaths as % of Reported Cases (CFR)



RSA: Still Active Reported Cases per 100k PoP



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



Data as at:

13 December 2021

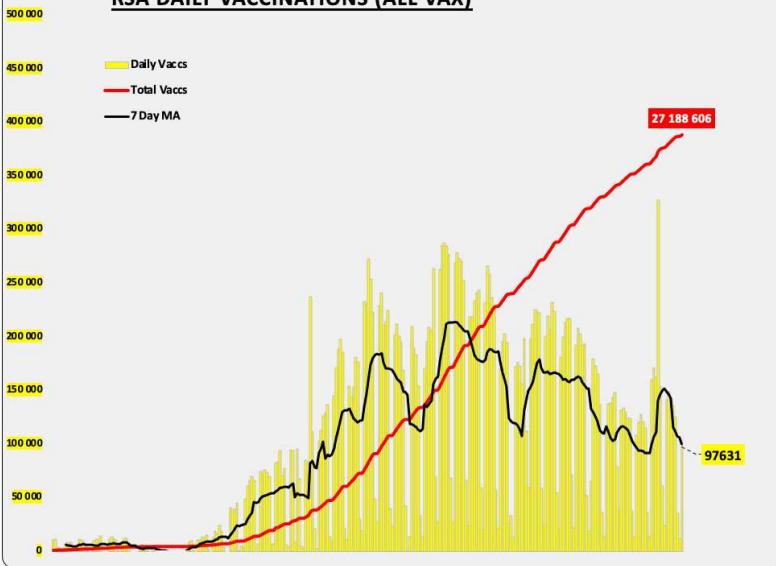
Unless otherwise indicated

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14 December 2021

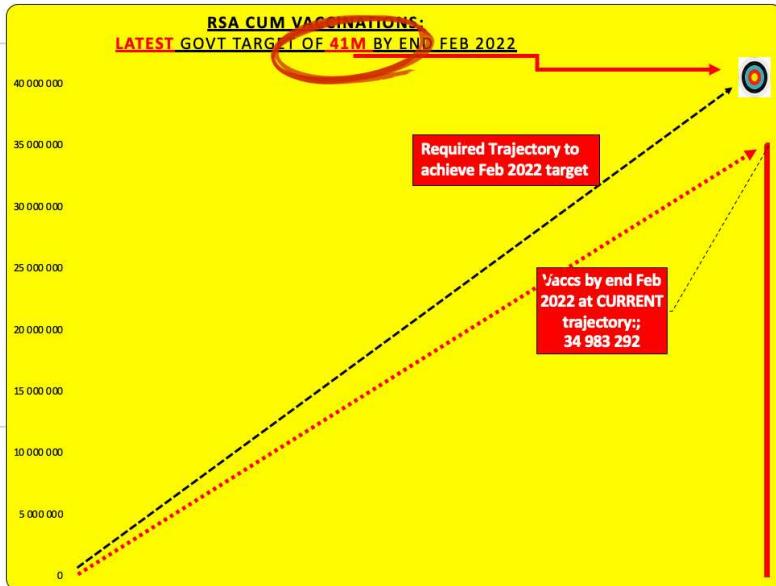
## Vaccination Data

### RSA DAILY VACCINATIONS (ALL VAX)



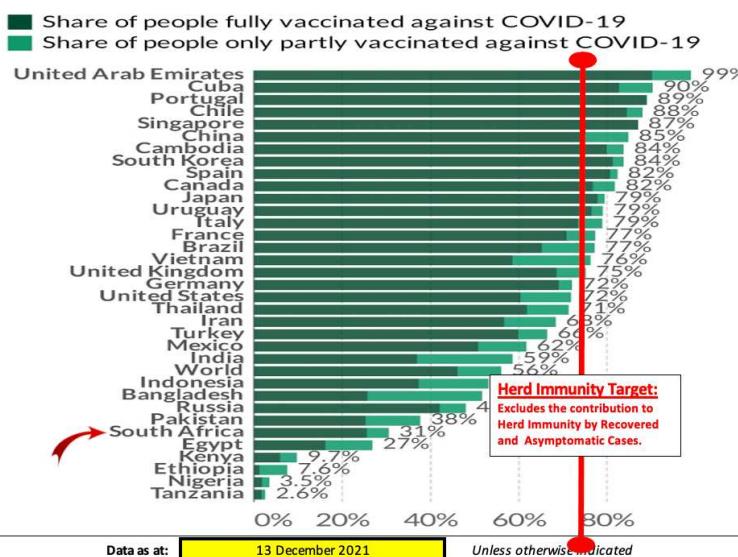
### RSA CUM VACCINATIONS:

LATEST GOVT TARGET OF 41M BY END FEB 2022



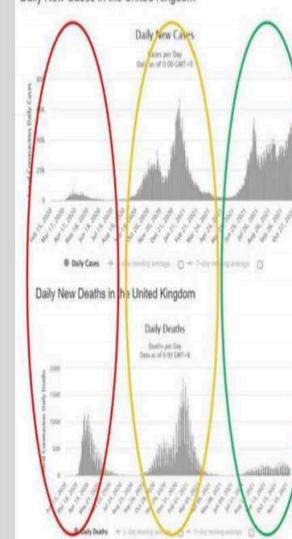
### Share of people vaccinated against COVID-19, Dec 12, 2021

Our World in Data



## Vaccine Efficacy & Inequality

### Daily New Cases in the United Kingdom

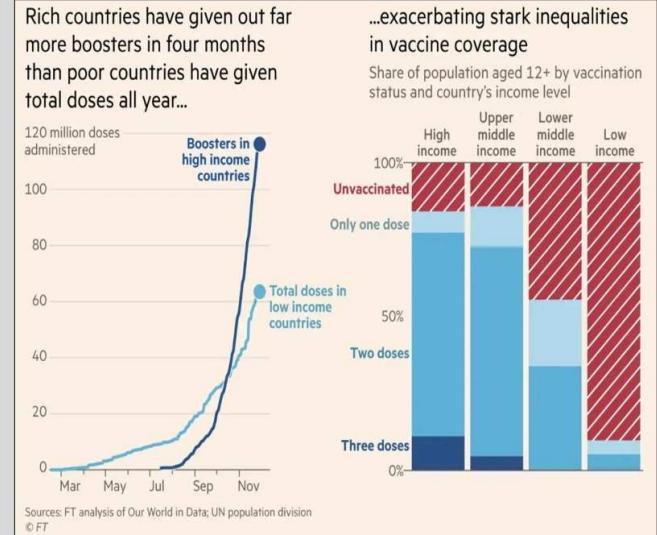


1<sup>st</sup> Wave  
No Lock Down and unvaccinated  
Fatality rate 25%

2<sup>nd</sup> Wave  
Hard Lock Down and unvaccinated  
Fatality rate 2,5%

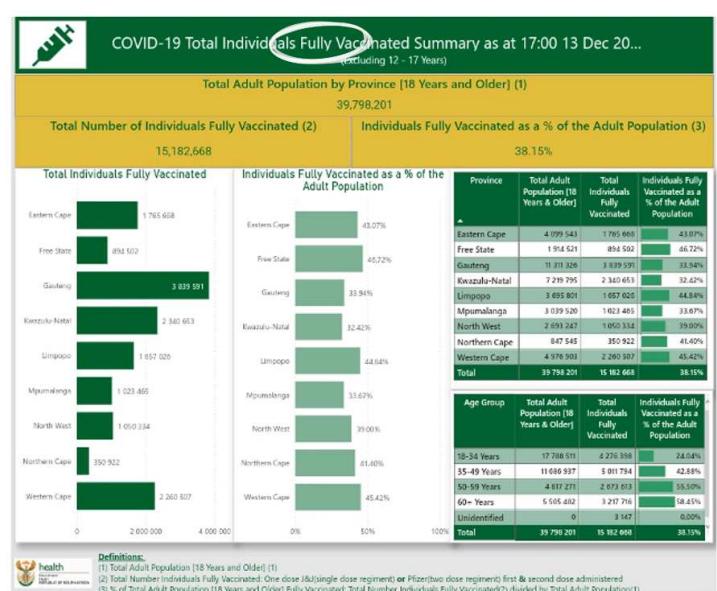
3<sup>rd</sup> Wave -No Lock down  
more than 67% vaccinated  
Fatality rate 0,5%

Rich countries have given out far more boosters in four months than poor countries have given total doses all year...

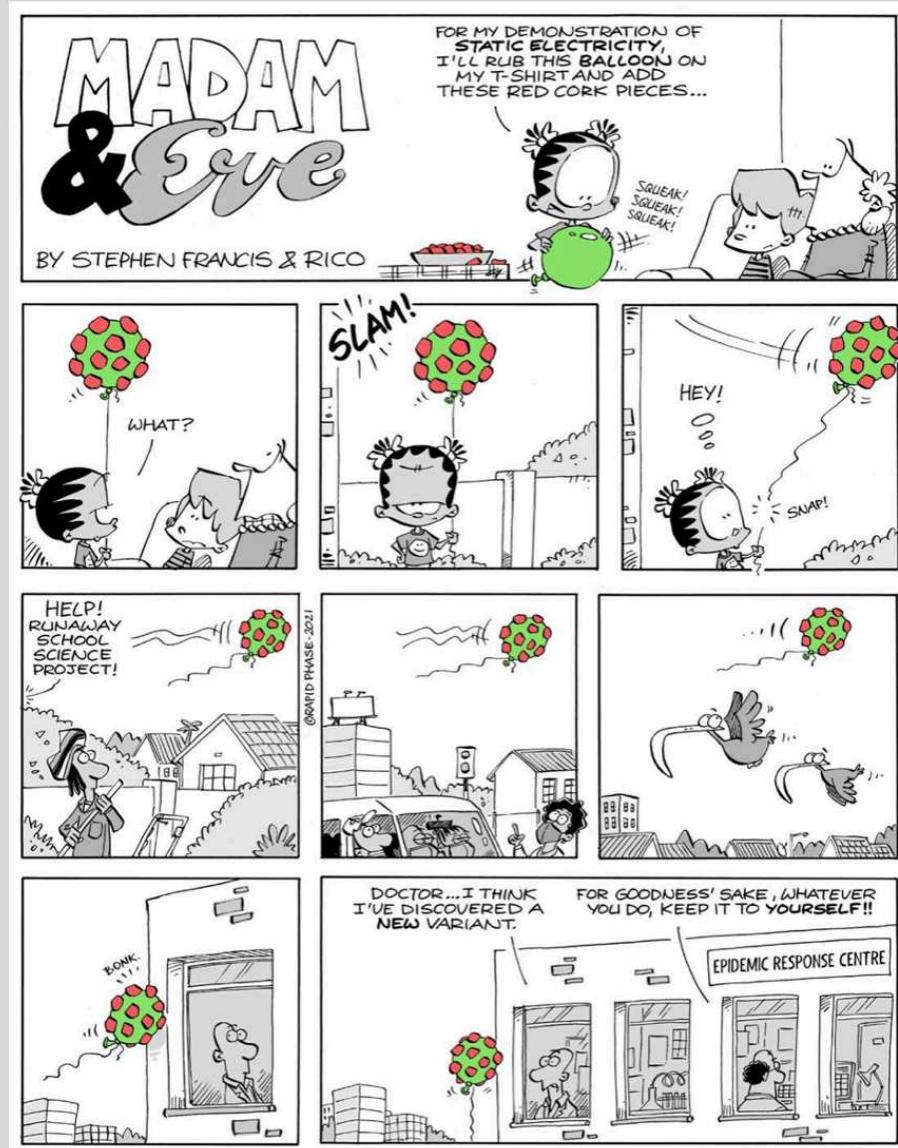


...exacerbating stark inequalities in vaccine coverage

Share of population aged 12+ by vaccination status and country's income level



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

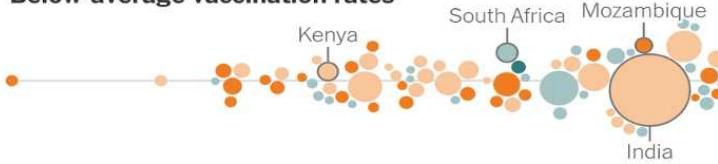


## Which countries have used the highest share of doses delivered to them?

Income group **Low** **Lower middle** **Upper middle** **High**

Share of delivered doses used  
0% 25% 50% 75% 100%

### Below-average vaccination rates



### Above-average vaccination rates



## SOUTH AFRICA

**70% admitted to hospital in fourth wave of Covid-19 are unvaccinated**

10 December 2021 - 08:45  
BY DAVE CHAMBERS



Minister of health Joe Phaahla said people admitted to hospital with Covid-19 are not as ill as during previous waves.