

# HarryG COVID-19 StatsPack

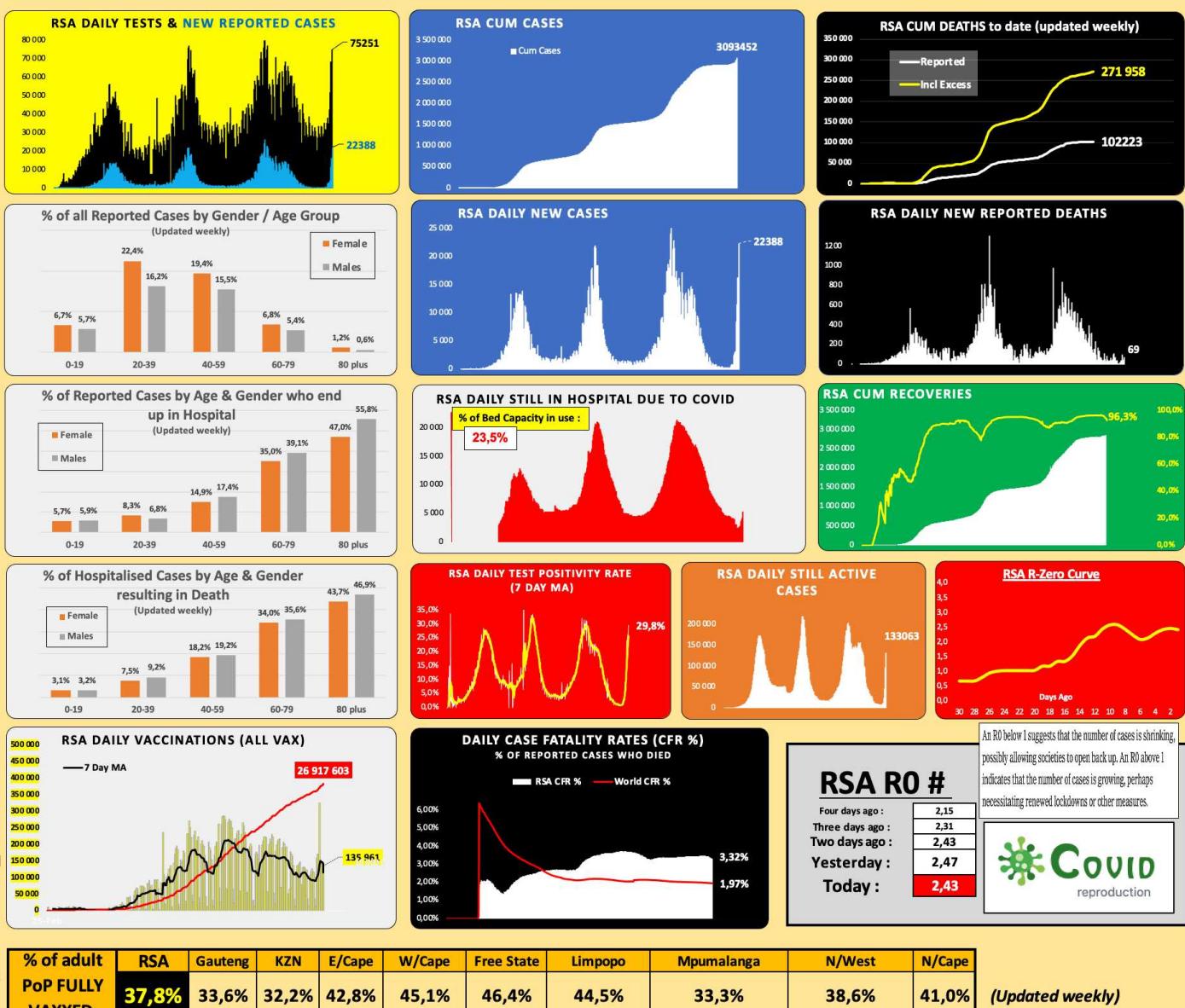
Deteriorating

Improving

Against  
Previous Day

Page 1

| Cum Cases           |                      | Daily Cases           |     | RSA COVID-19 DASHBOARD<br>as at:<br><b>10-Dec-21</b> | Daily Still in Hospital   | Case Fatality Rates (CFR):<br>Reported Cases      Hospital Cases |                             | Vaccinations: | Time to achieve<br>Govt Target of<br><b>41m</b> vacs |          |
|---------------------|----------------------|-----------------------|-----|--|---|--|-----------------------------|---------------|--|----------|
| 3 093 452           | 22 388               |                       |     |  | 4795  | 3,32%  | 21,64%                      | Daily Avg     | 93 140   | 1,19 Yrs |
| Still Active +Cases | Cum Cases p mill PoP | Cum Deaths p mill PoP |     |  | % of RSA PoP who have died to date :<br>Reported Deaths      Incl Excess Deaths                         |  | 7 Day MA Vaccs per day      | 115 452       | 0,96 Yrs   |          |
| 133 063             | 51 663               | 1713                  |     |  | 0,171%      0,465%  |  | Total to date:              | 26 917 603    |  |          |
| Deaths Ages         | Deaths               | Deaths                |     |  | % of RSA PoP who have died to date<br>PROJECTED to end 2021:<br>Reported Deaths      Incl Excess Deaths |  | Cum Tests                   |               | Daily Tests  |          |
| Avg Median          | Min Age              | Max Age               |     |  | 0,23%      0,57%  |  | 19 988 045                  | 75 251        |  |          |
| 62,5                | 64,2                 | 0,2                   | 108 |  |   |  | Daily Test Positivity Rate: |               | 29,8%  |          |
| Female :<br>Male :  |                      |                       |     |  |   |  |                             |               |  |          |
| 30-Nov              |                      |                       |     |  |   |  |                             |               |  |          |



Progress Ranking by Province : 7 9 4 2 1 3 8 6 5

Data as at: 09 December 2021

Unless otherwise indicated

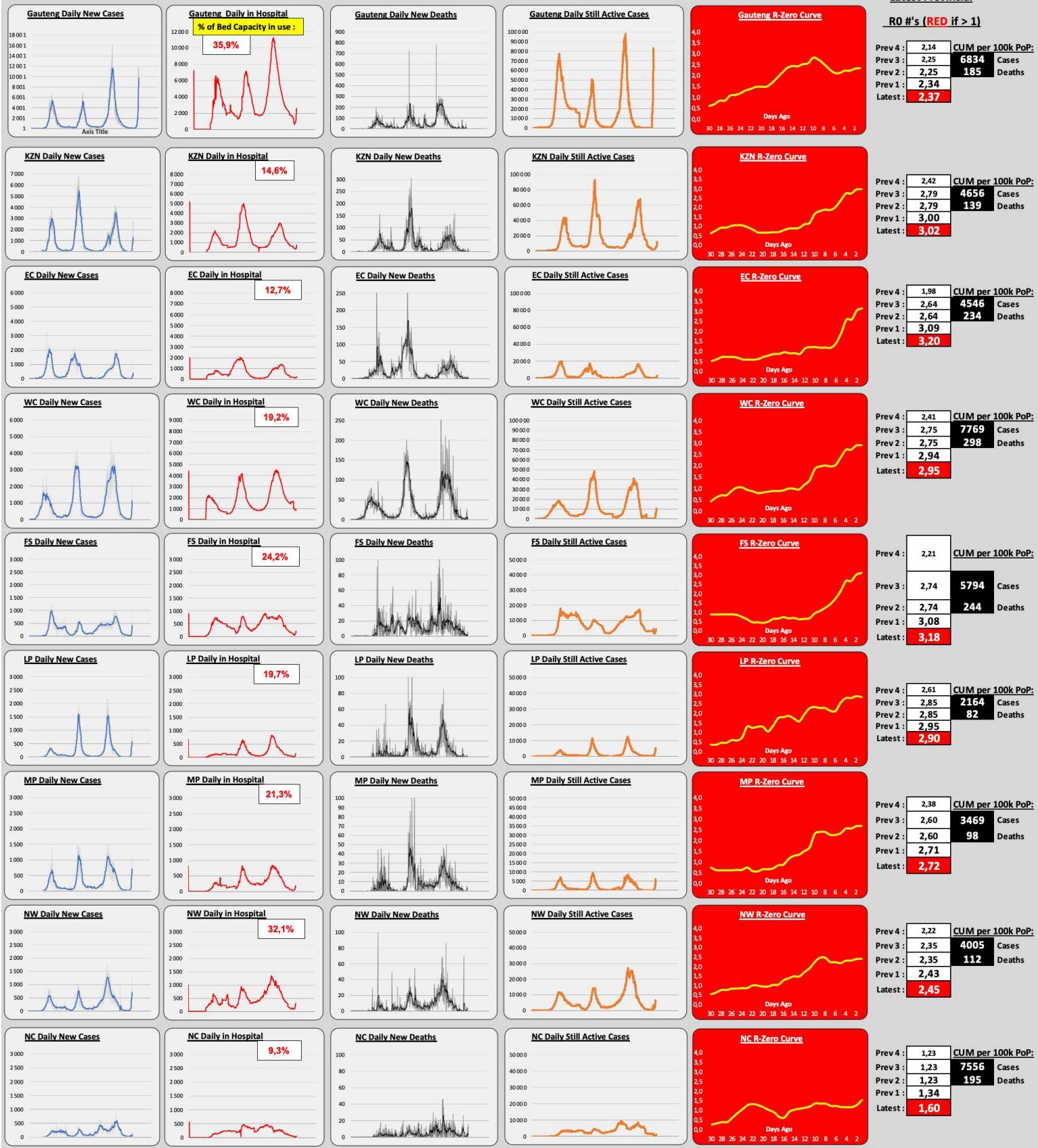
hgd 10 December 2021

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

Latest Provincial

RO #'s (RED if &gt; 1)

|               |                   |
|---------------|-------------------|
| Prev 4 : 2,14 | CUM per 100k PoP: |
| Prev 3 : 2,25 | 6834 Cases        |
| Prev 2 : 2,25 | 185 Deaths        |
| Prev 1 : 2,34 |                   |
| Latest : 2,37 |                   |



Data as at: 09 December 2021

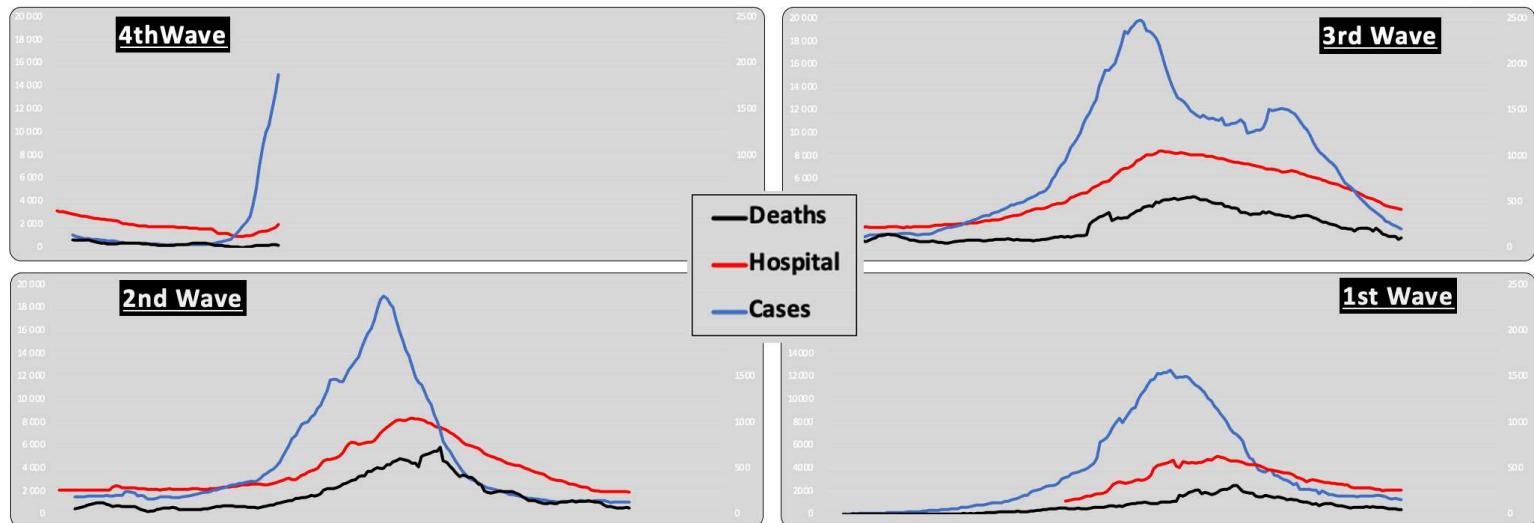
Unless otherwise indicated

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

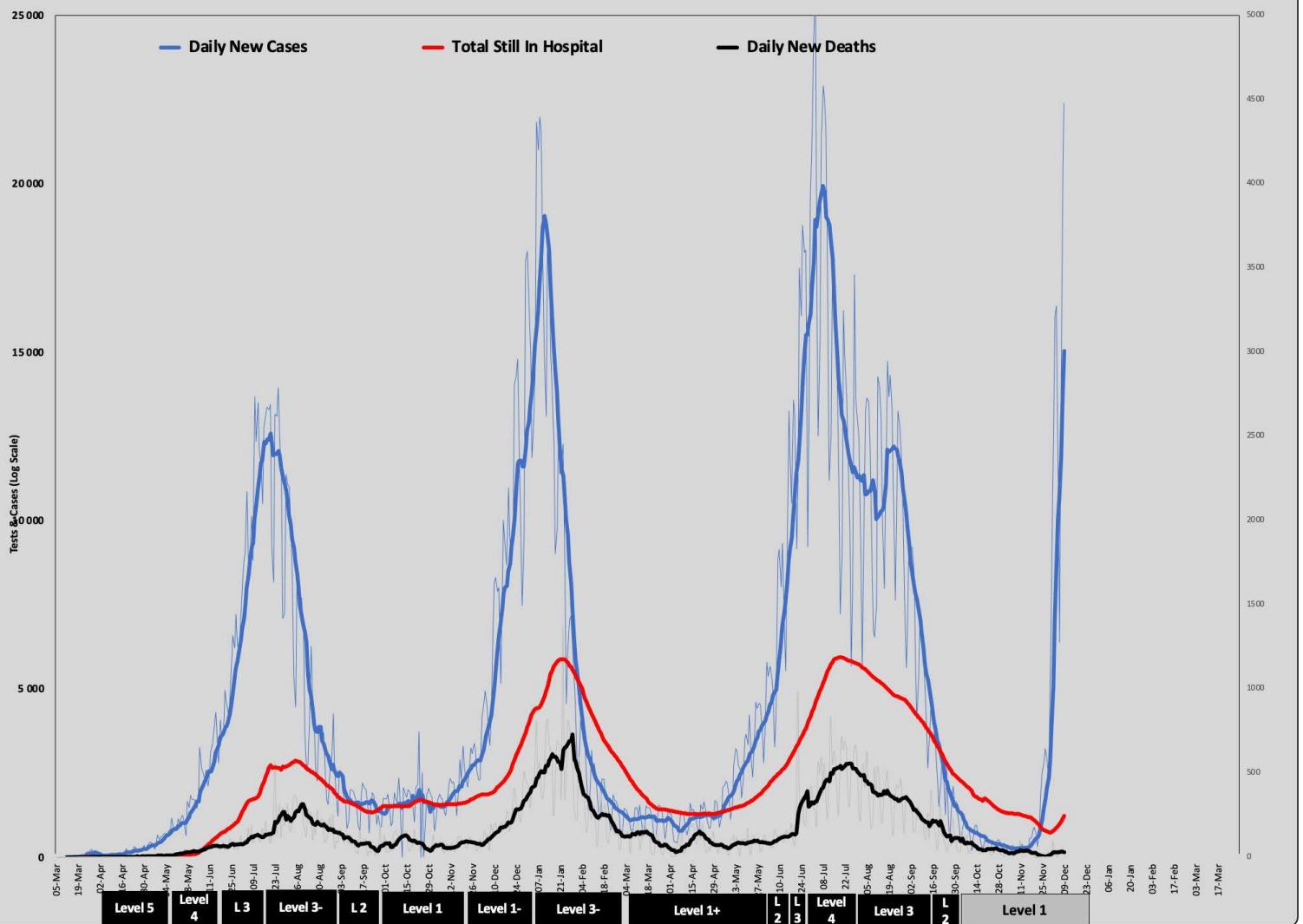
Covid

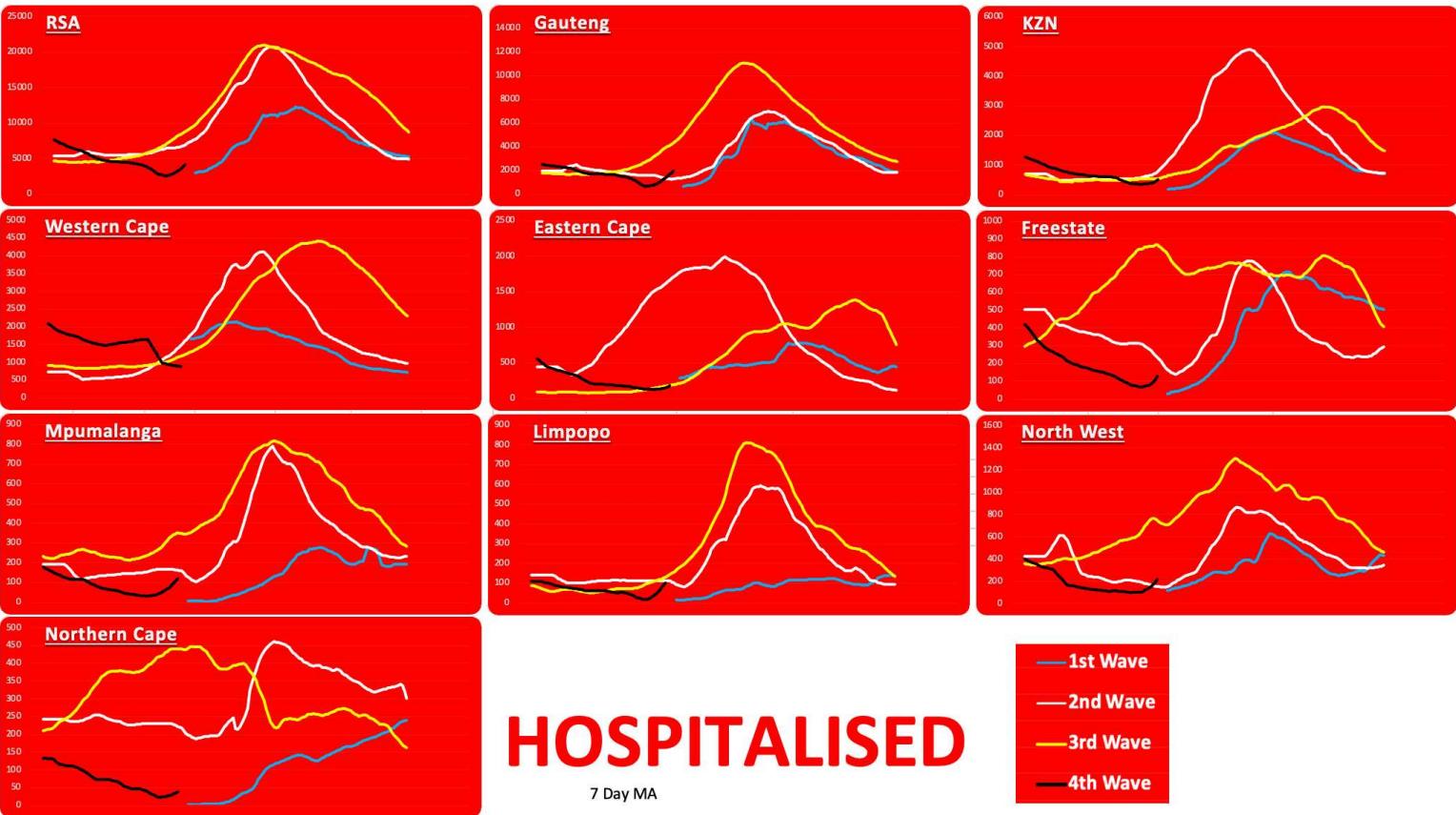
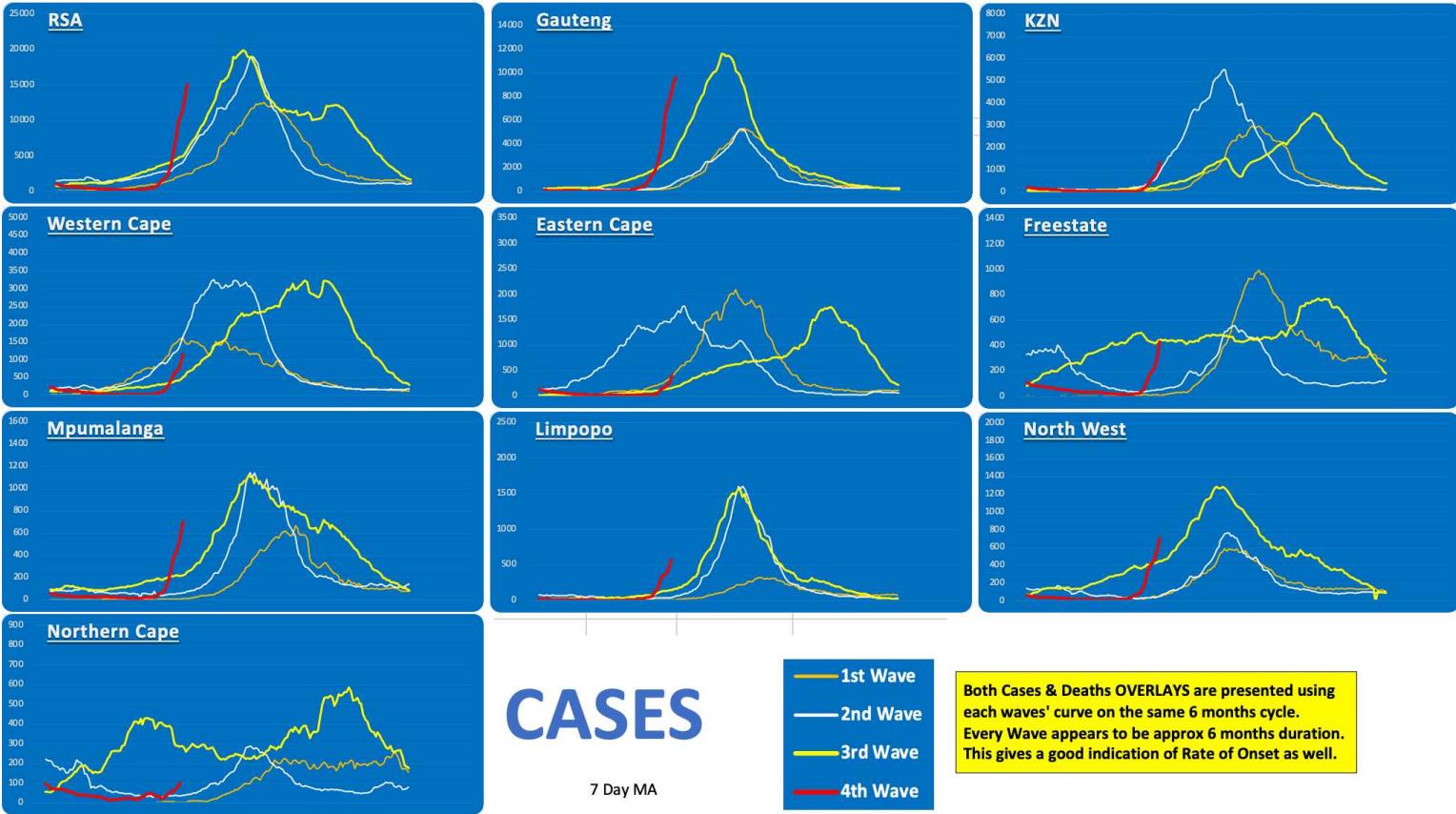
## RSA Onsets by Wave (7 Day MA's except for Hospitalisations which are 2 Day MA's)



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

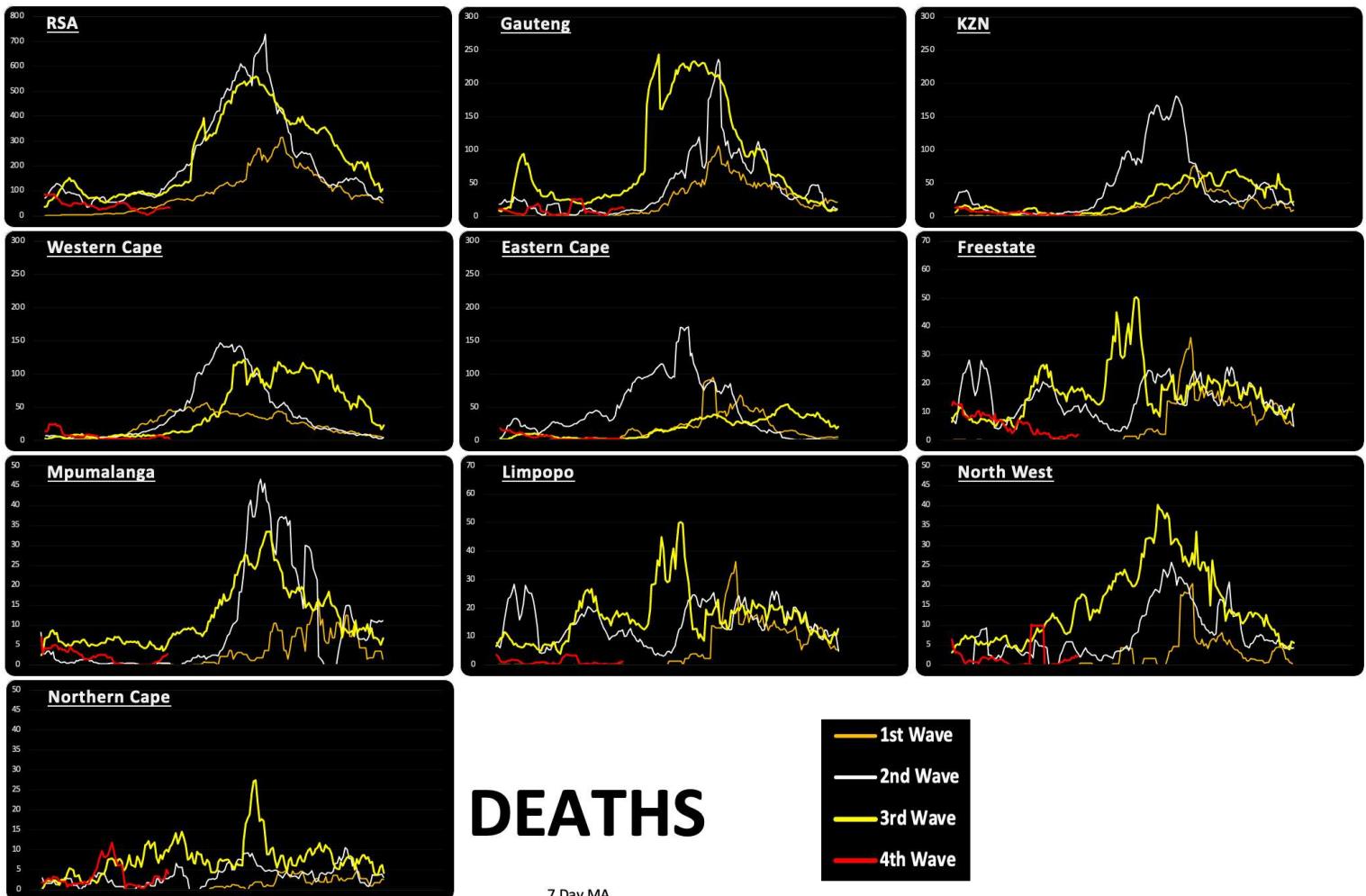
note the dual axes



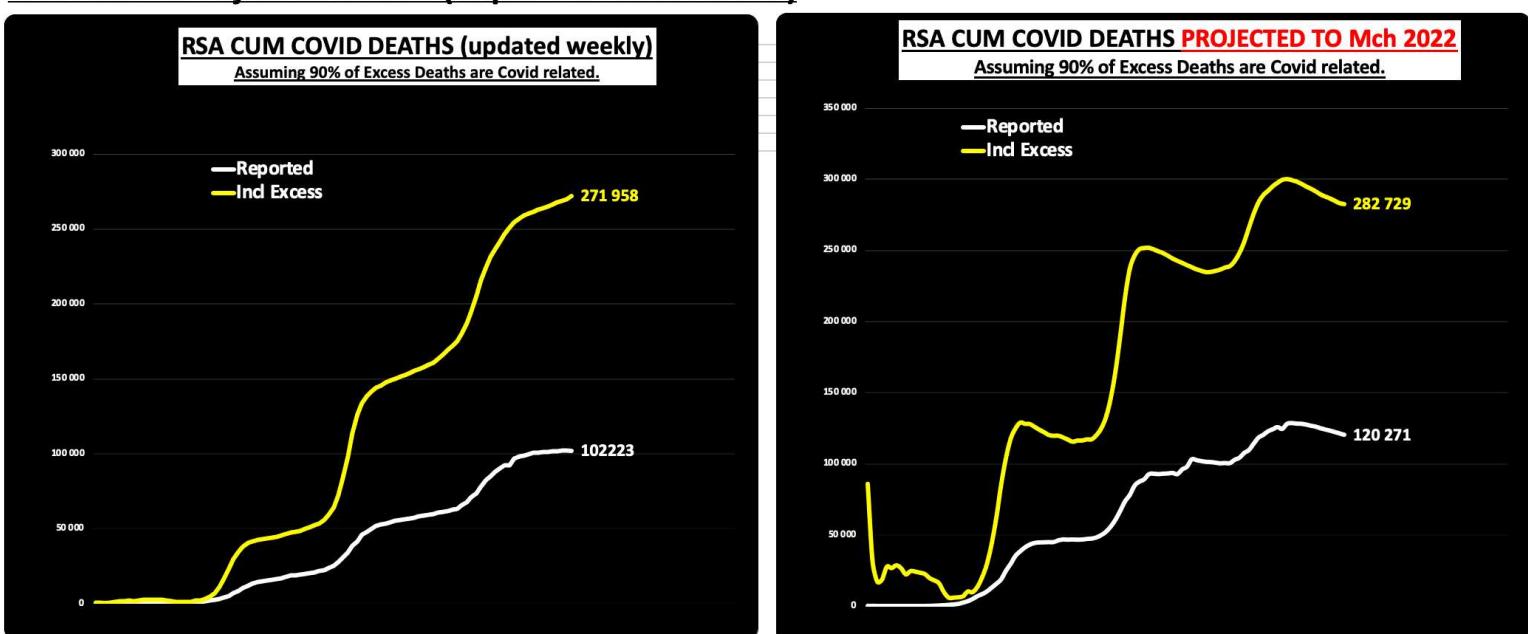


## 1st / 2nd / 3rd & 4th WAVE OVERLAYS (DAILY DEATHS)

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

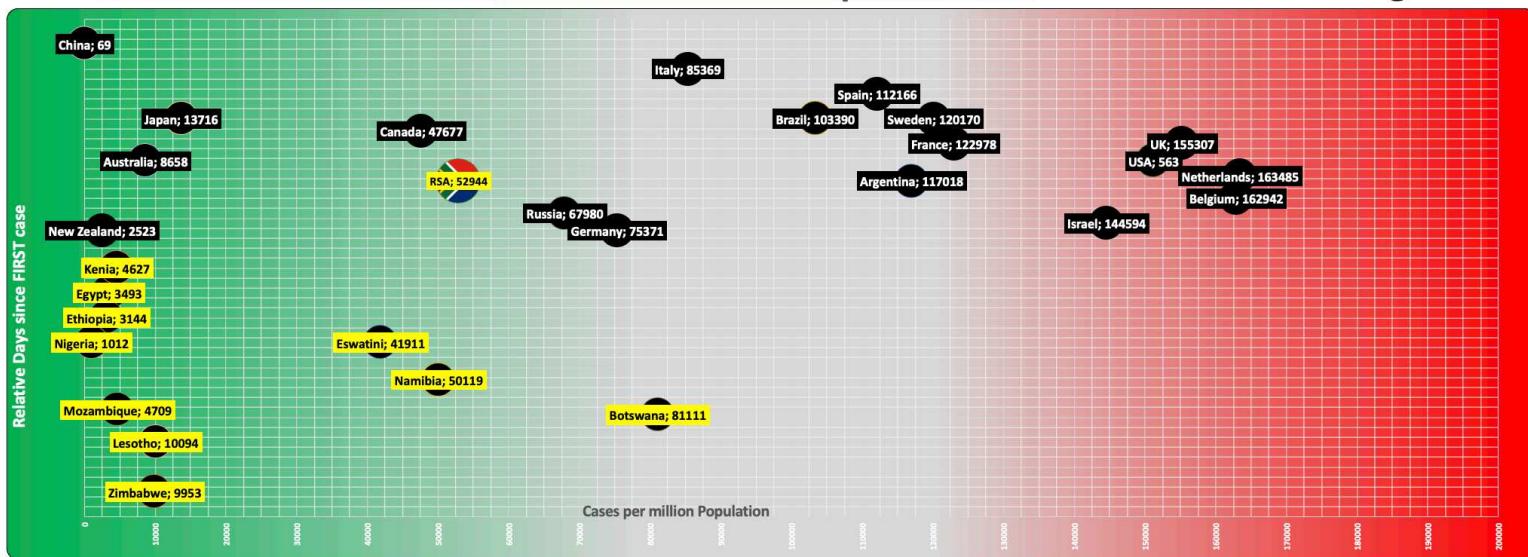


Data as at: 09 December 2021 Unless otherwise indicated

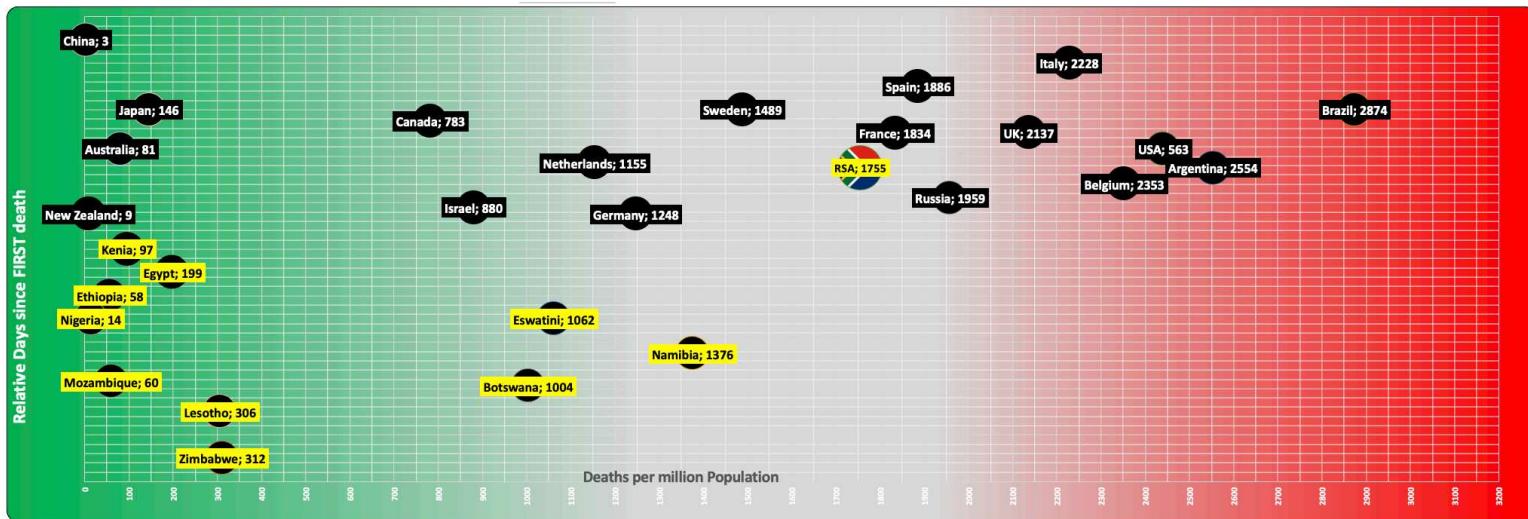
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## Selected Countries' Cum **REPORTED CASES** per mill PoP

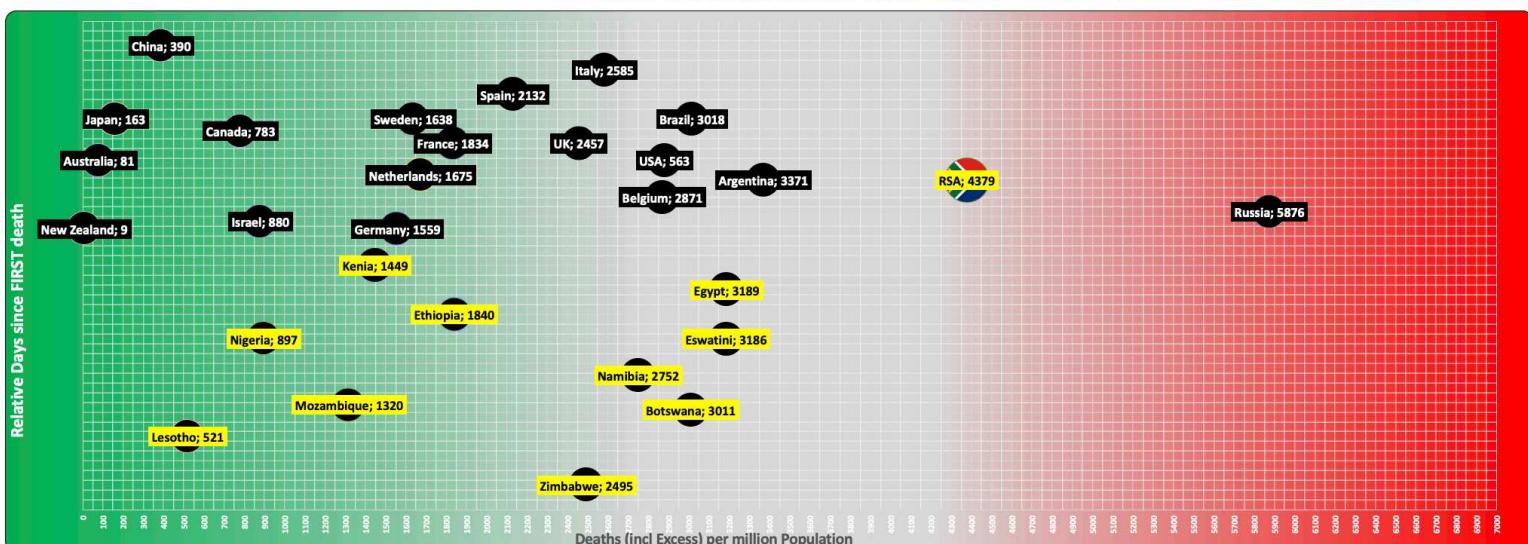
Page 2.3



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

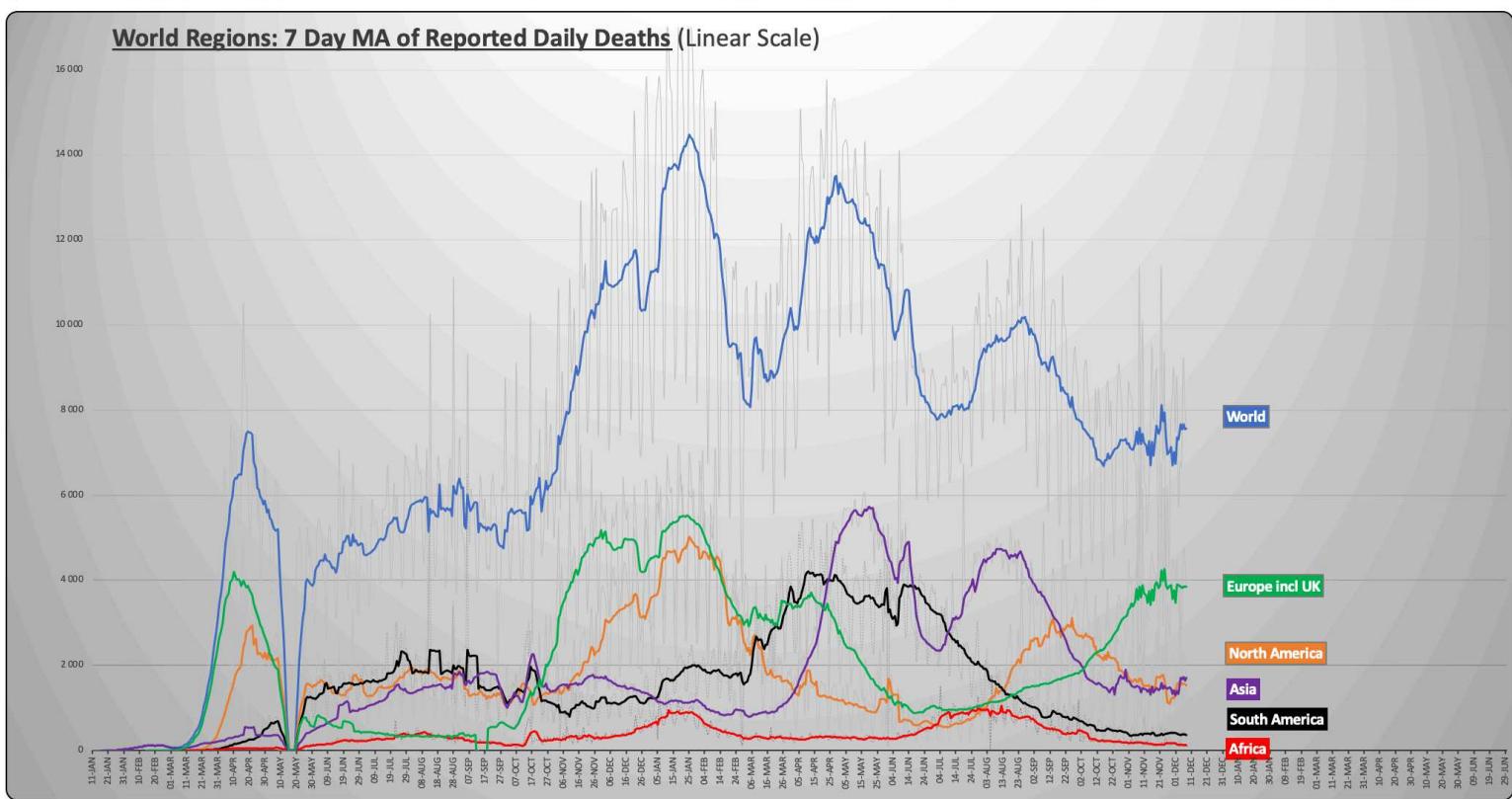
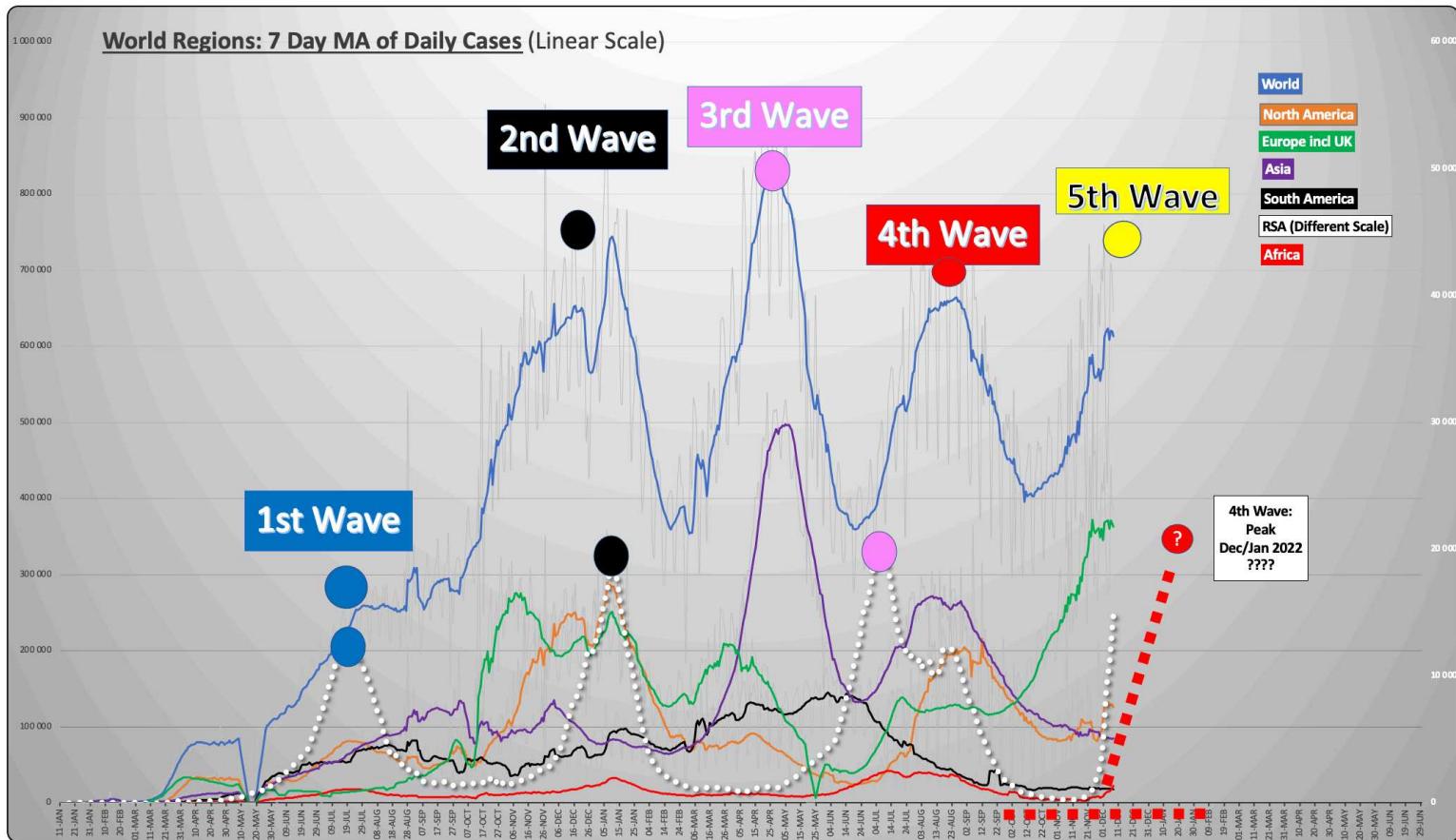


## Selected Countries' Cum Deaths incl EXCESS DEATHS\* per mill PoP (where data available)



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

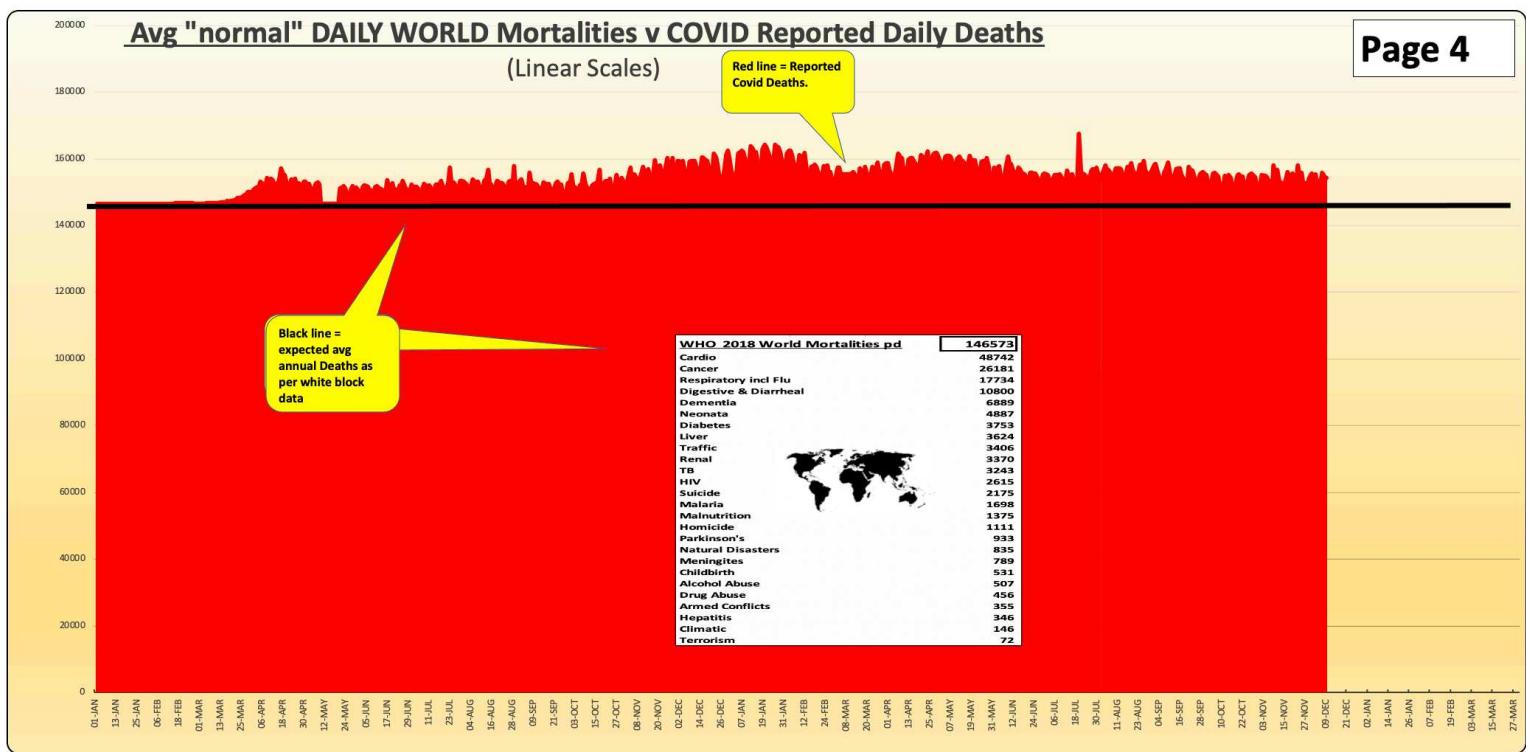
Page 3.0



**Data as at:** 10 December 2021

*Unless otherwise indicated*

*hdg 10 December 2021*

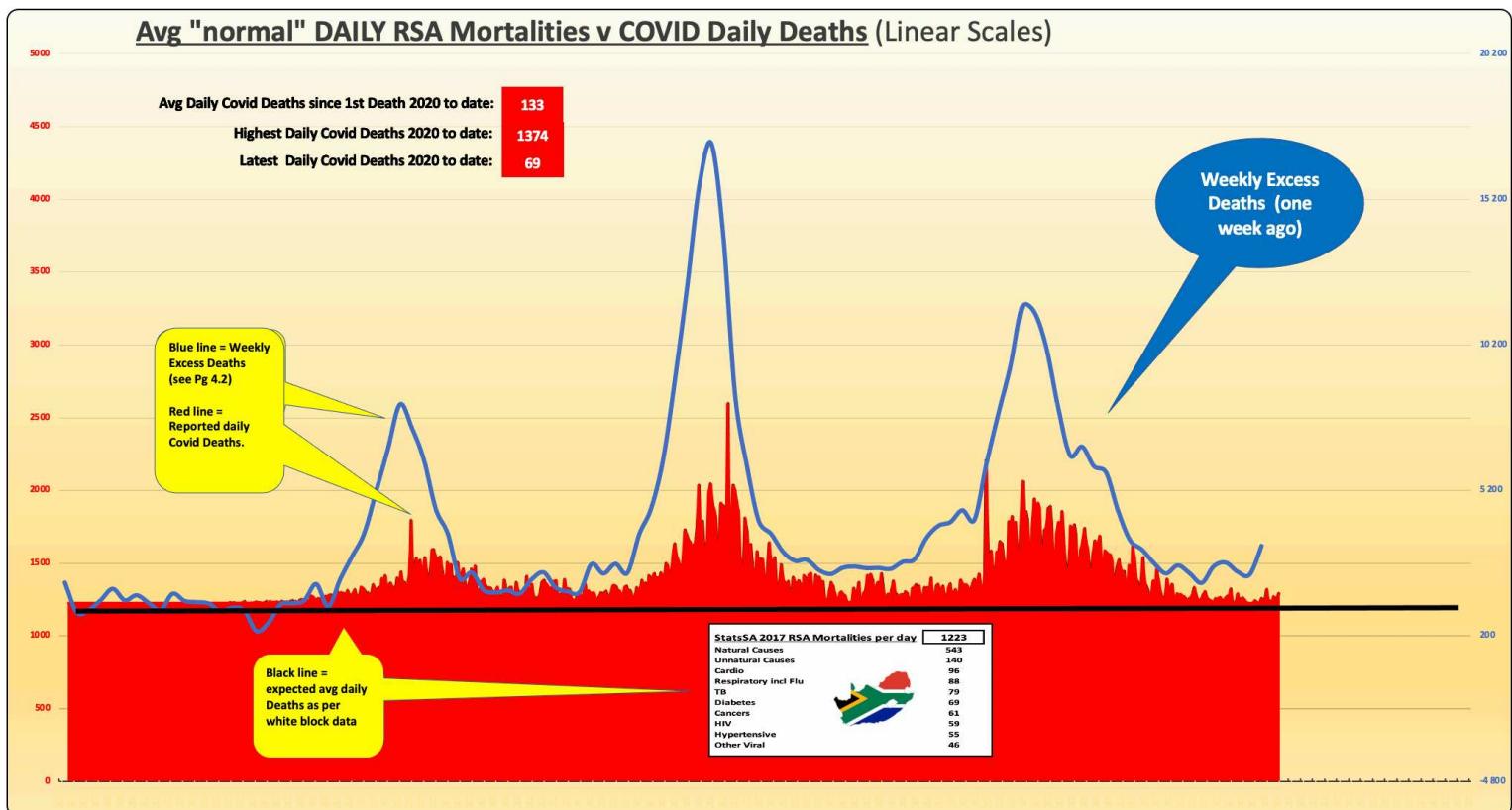


The two graphs WORLD (above) and RSA (below) attempt to put the number of Covid Deaths into some sort of perspective graphically.

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.



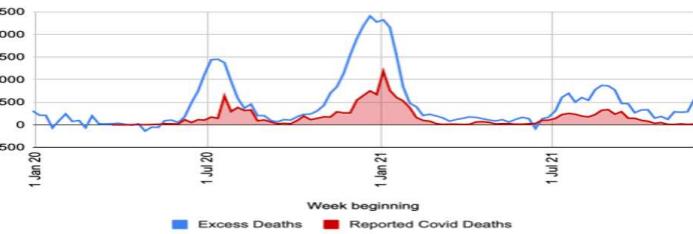
## RSA Excess Deaths as per SA Medical Research Council

As at : 04 December 2021

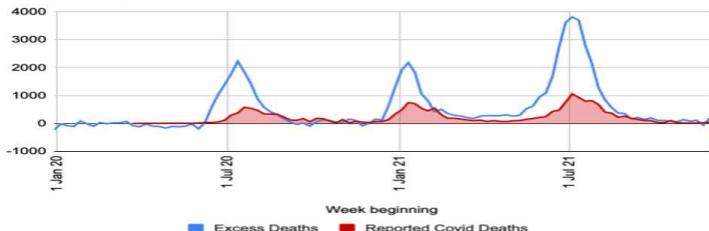
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### Provinces

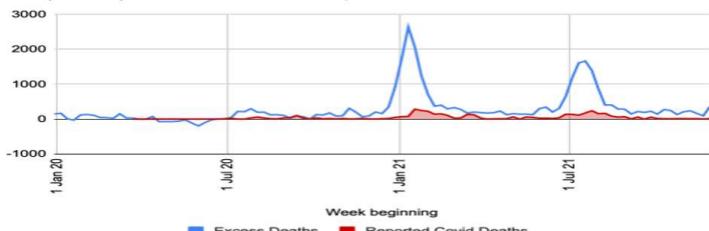
EC (Natural) Excess Deaths and Reported Covid-19 Deaths



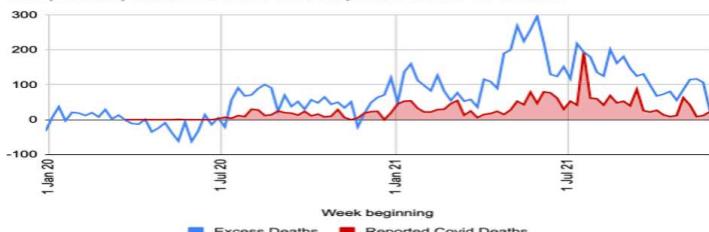
GT (Natural) Excess Deaths and Reported Covid-19 Deaths



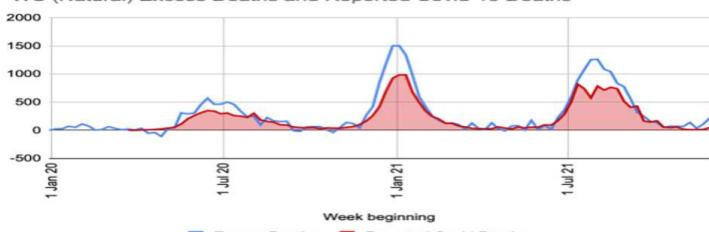
LM (Natural) Excess Deaths and Reported Covid-19 Deaths



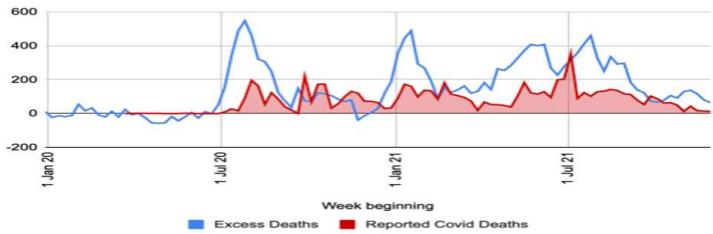
NC (Natural) Excess Deaths and Reported Covid-19 Deaths



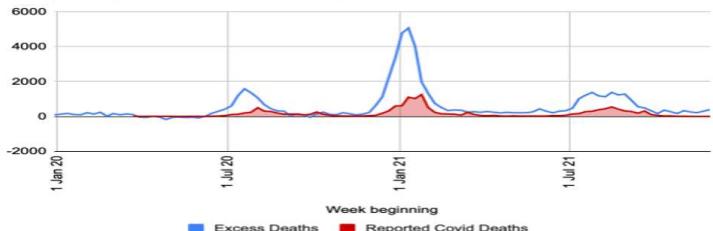
WC (Natural) Excess Deaths and Reported Covid-19 Deaths



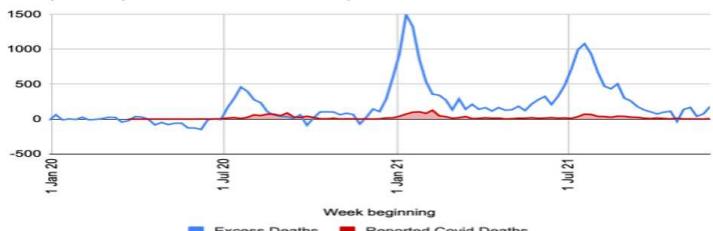
FS (Natural) Excess Deaths and Reported Covid-19 Deaths



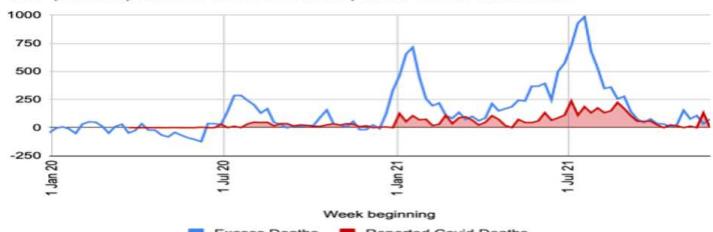
KZ (Natural) Excess Deaths and Reported Covid-19 Deaths



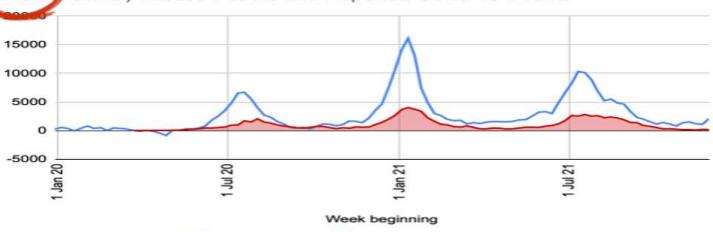
MP (Natural) Excess Deaths and Reported Covid-19 Deaths



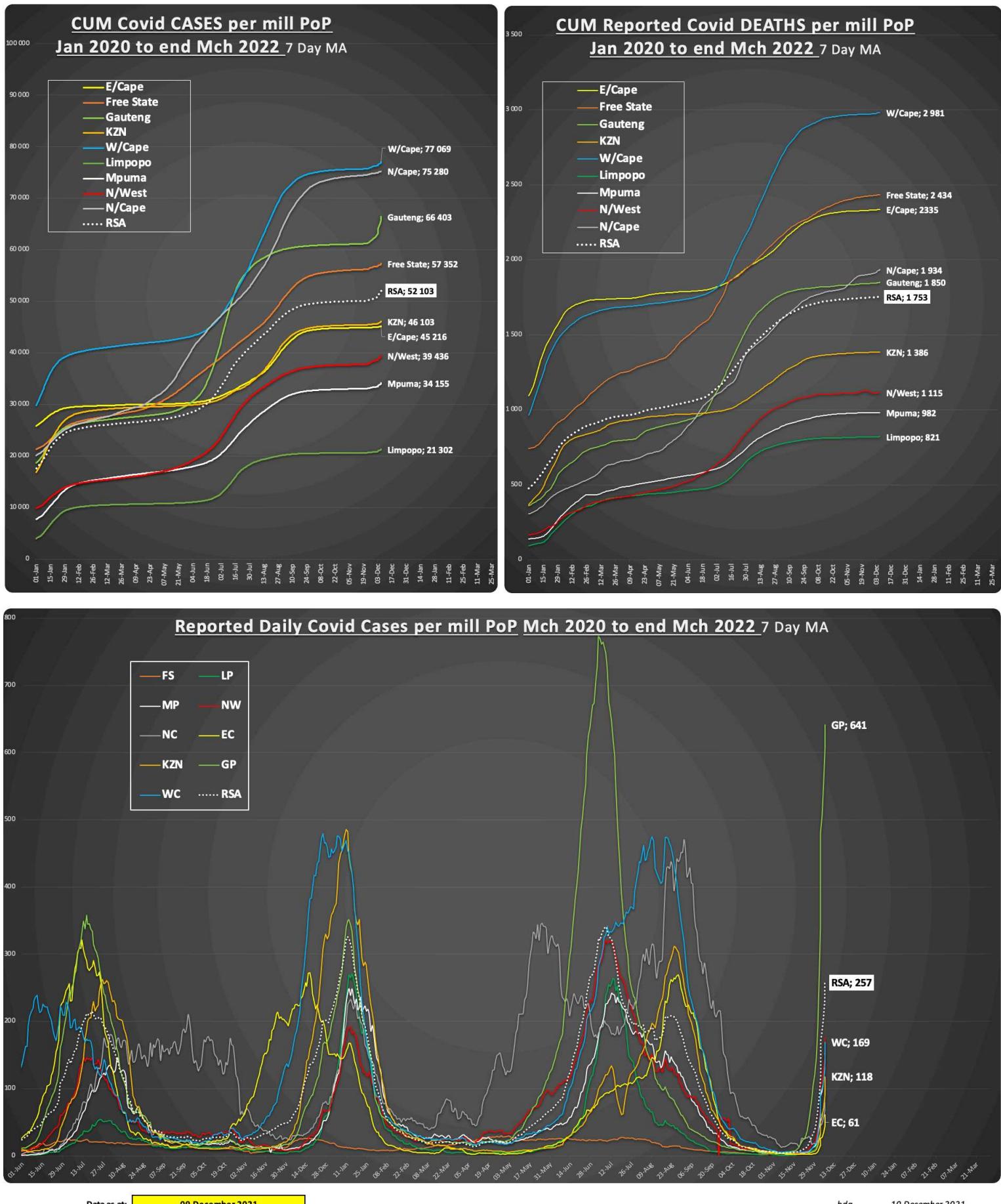
NW (Natural) Excess Deaths and Reported Covid-19 Deaths



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

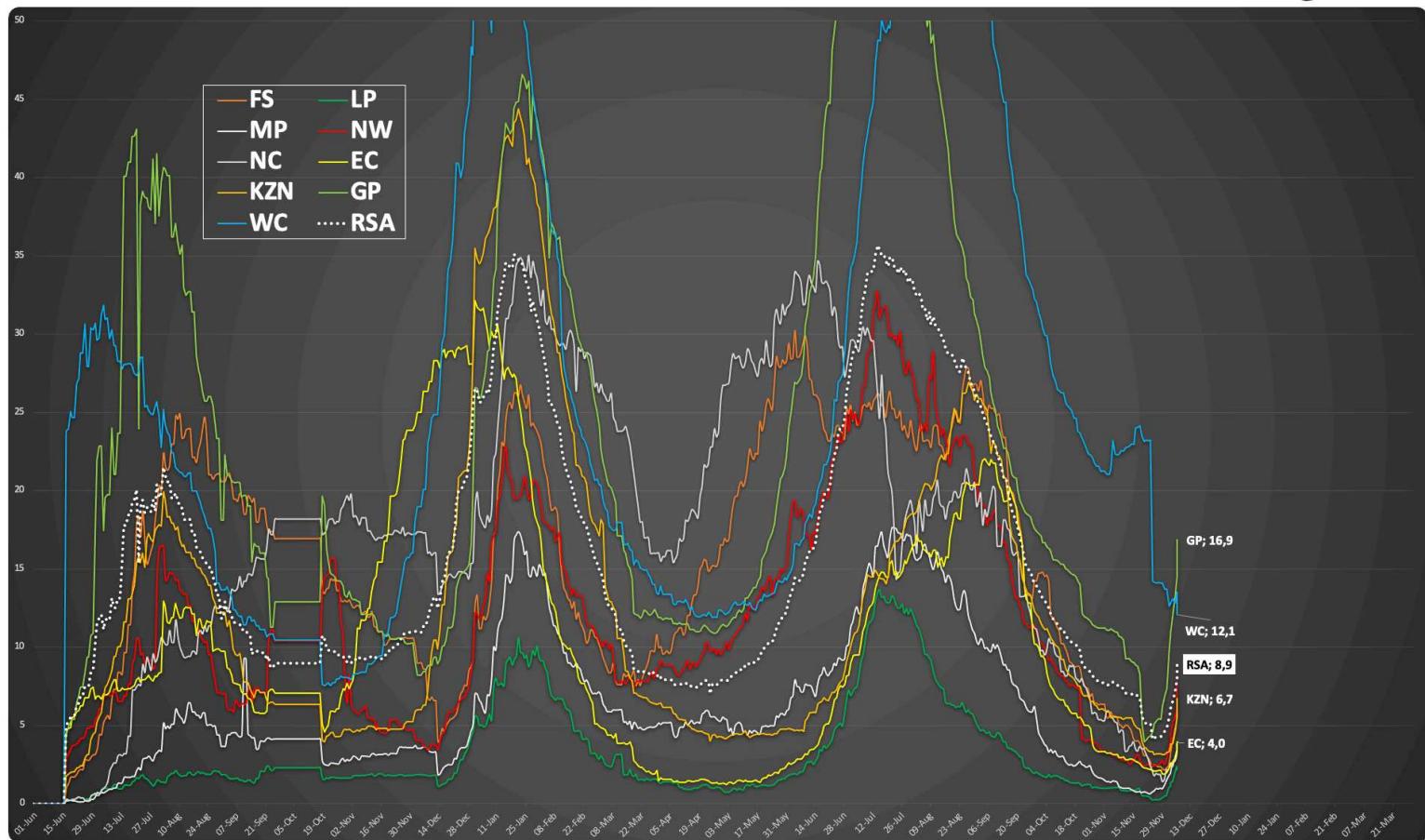


The red lines are weekly Covid deaths as reported by Dept of Health.  
 The blue lines are total Natural Deaths as reported by Dept of Home Affairs.  
 The differences are the so-called "Excess Deaths" which can largely be ascribed to Covid, either directly (home/rural deaths) and/or indirectly (limited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

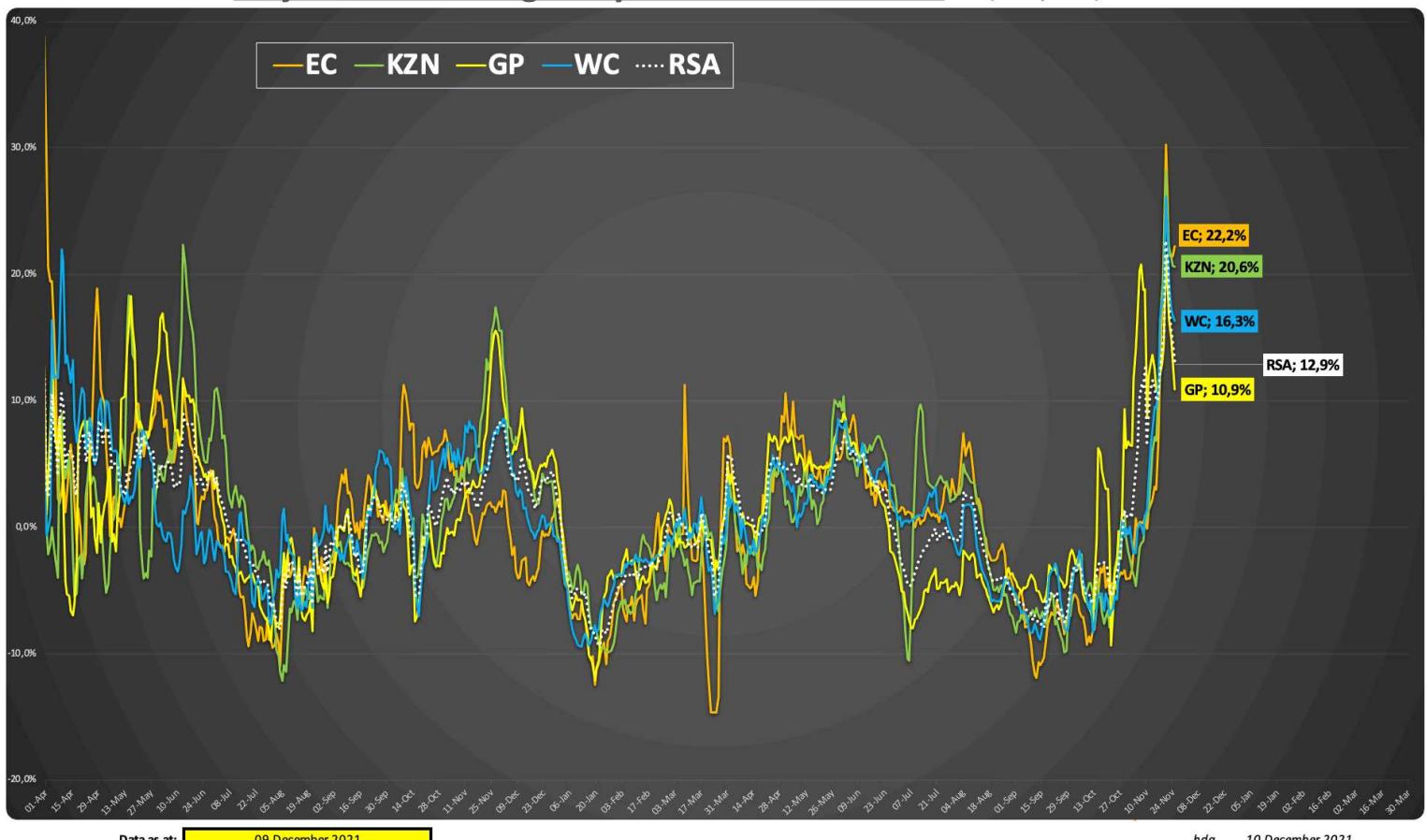


## RSA & Prov's Daily Covid Cases in Hospital per 100k Population

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

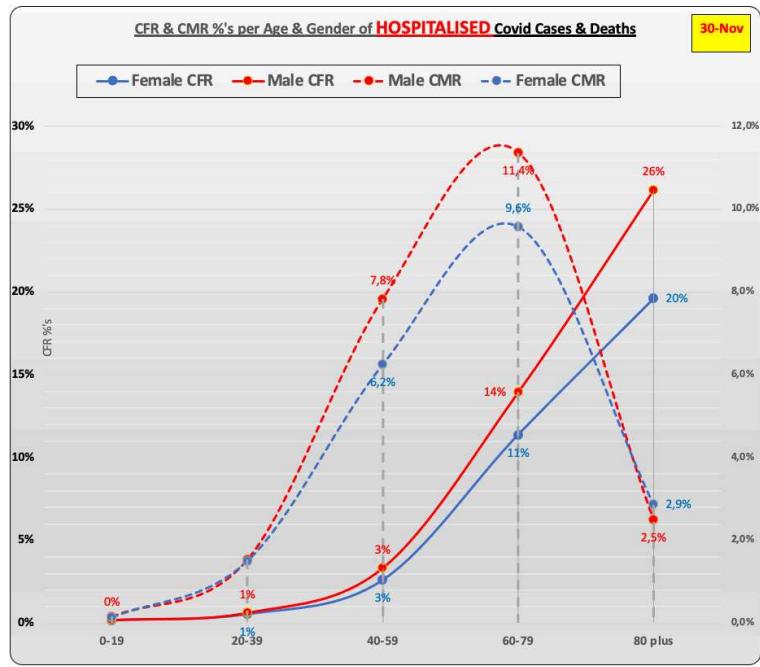
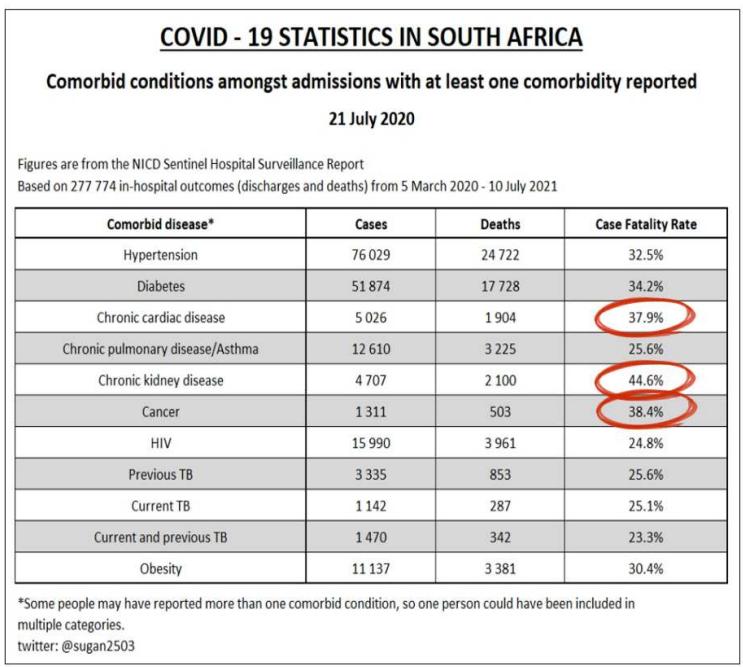
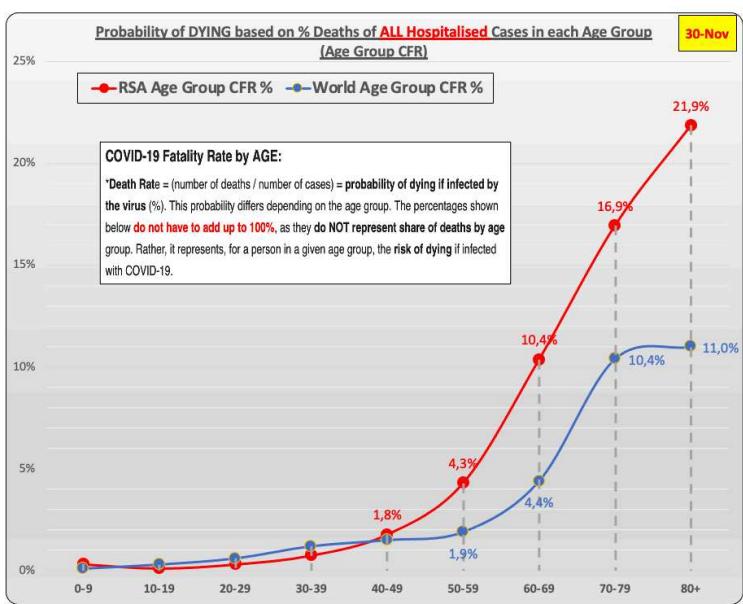
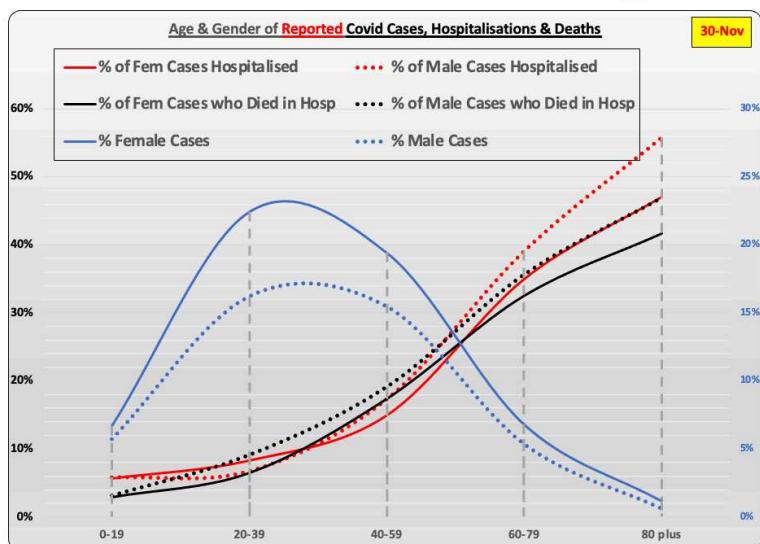
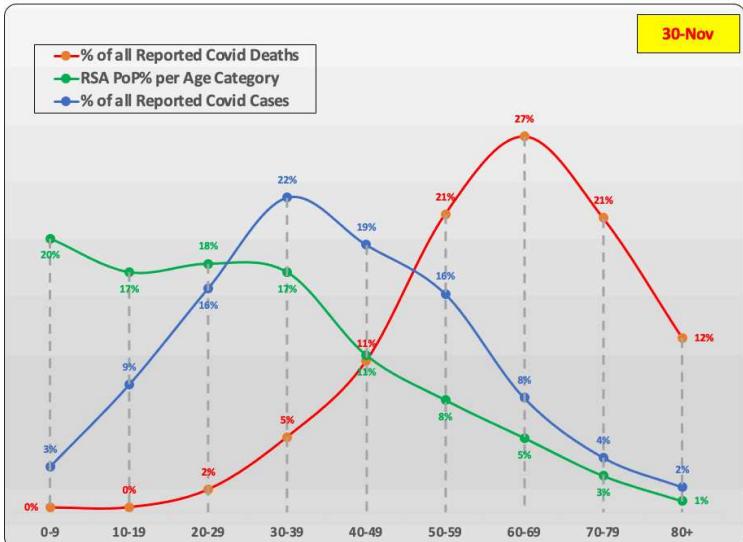


Data as at: 09 December 2021

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## RSA Age & Gender Stats

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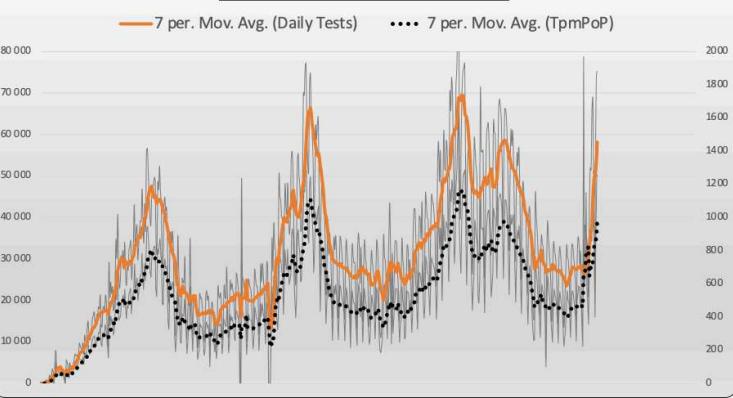
Data as at: As indicated per graph

hgd 10 December 2021

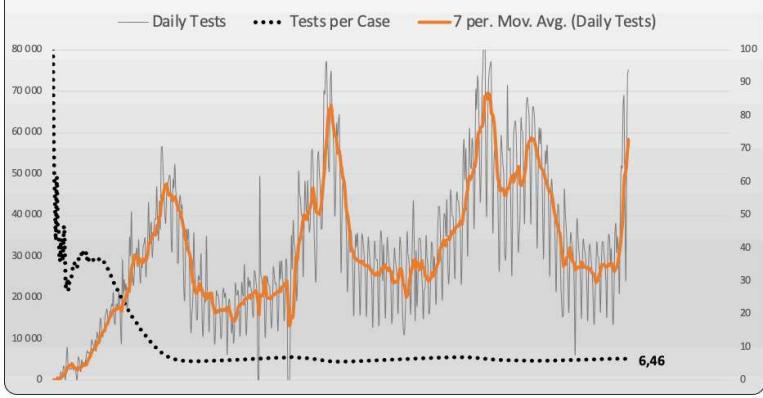
## RSA Key Ratios & Comparators (all graphs from Jan 2020)

Page 6.1

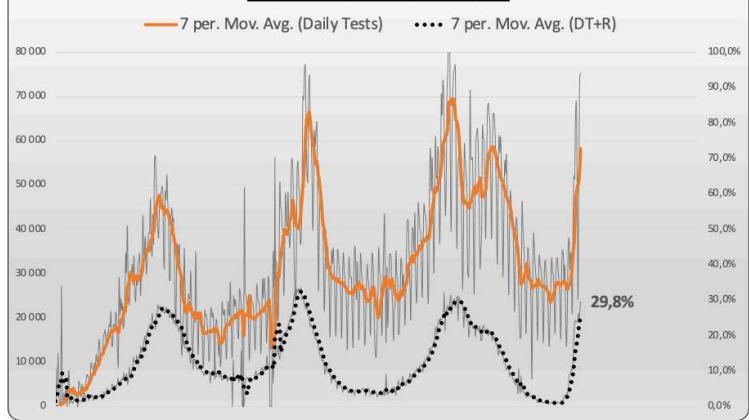
**RSA: Daily Tests per million PoP**



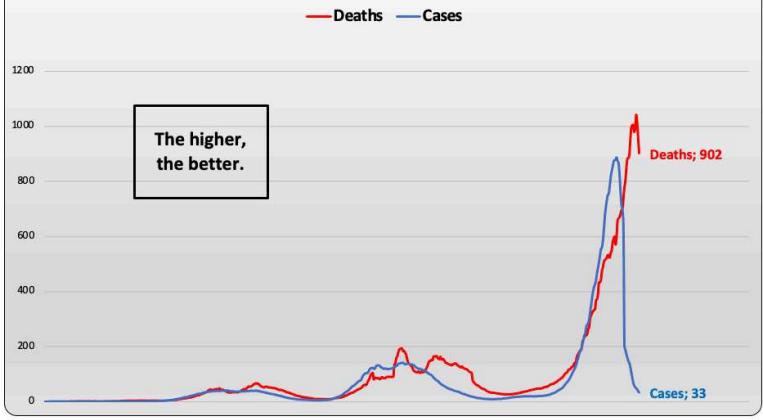
**RSA: Daily Tests per +Case**



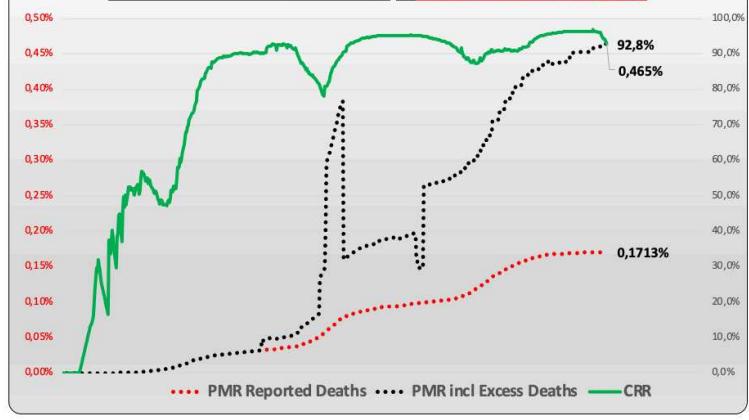
**RSA: Daily Tests Positivity %**



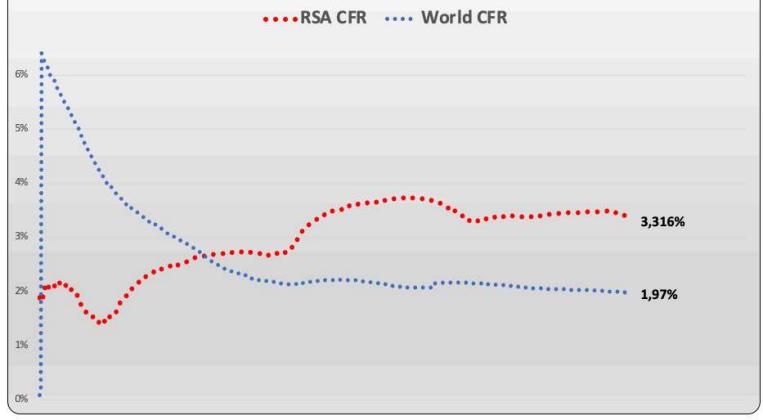
**RSA Doubling Times in Days**



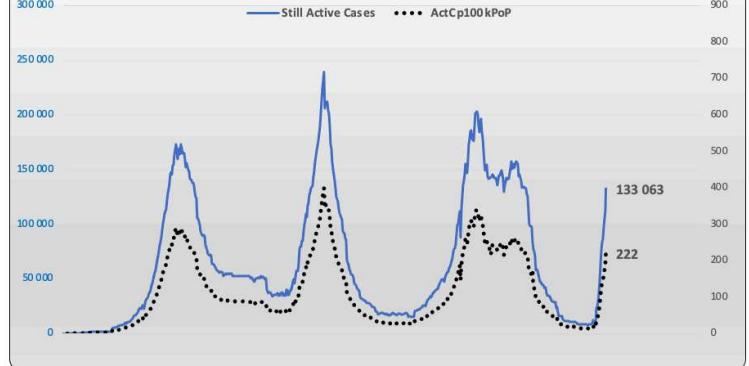
**RSA: Case Recovery Rate (CRR) & PoP Covid Mortality Rate**



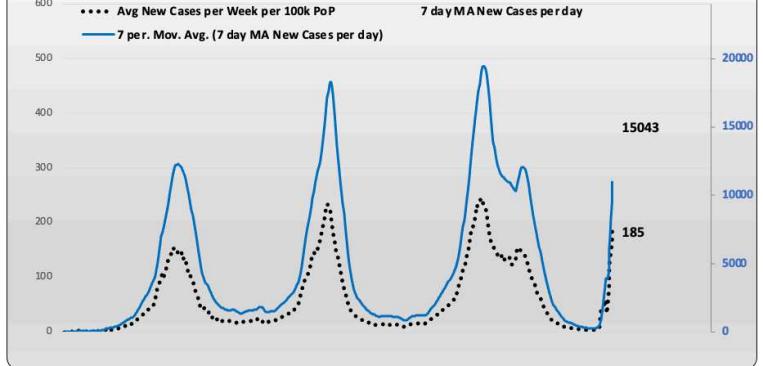
**Covid Reported Deaths as % of Reported Cases (CFR)**



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

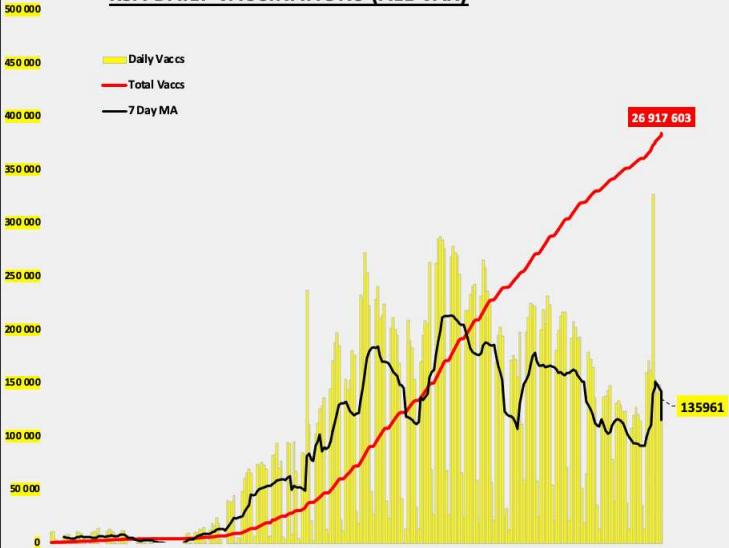


**RSA: Avg New Reported Cases per week per 100k PoP**



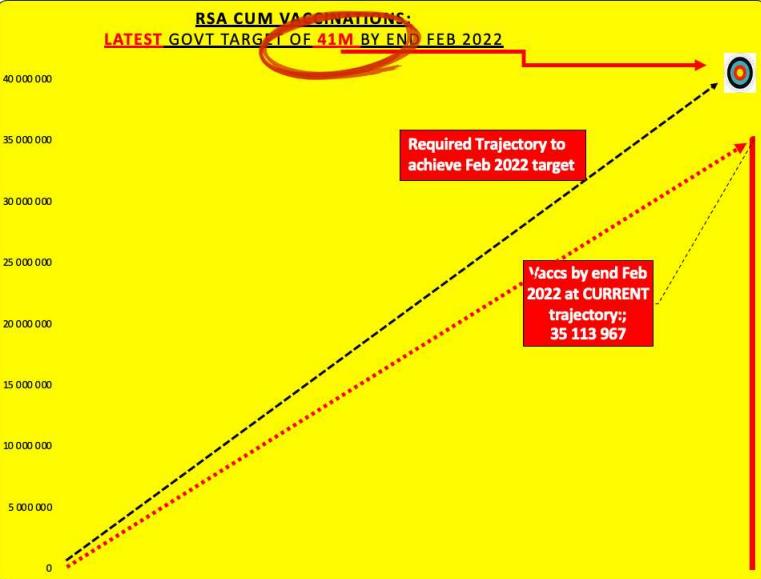
## Vaccination Data

### RSA DAILY VACCINATIONS (ALL VAX)



### RSA CUM VACCINATIONS:

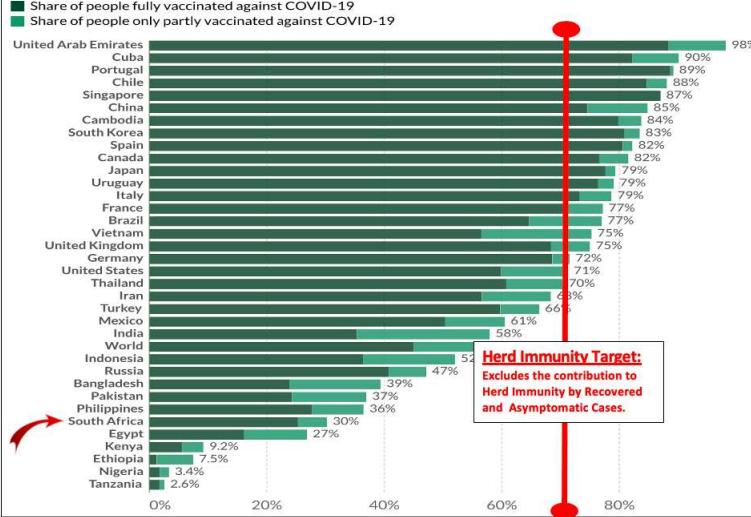
LATEST GOVT TARGET OF 41M BY END FEB 2022



### Share of people vaccinated against COVID-19, Dec 8, 2021

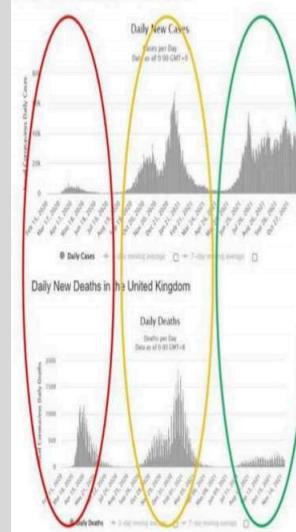
Alternative definitions of a full vaccination, e.g. having been infected with SARS-CoV-2 and having 1 dose of a 2-dose protocol, are ignored to maximize comparability between countries.

Our World In Data



## Vaccine Efficacy & Inequality

### Daily New Cases in the United Kingdom



1st Wave  
No Lock Down and unvaccinated  
Fatality rate 25%

2nd Wave  
Hard Lock Down and unvaccinated  
Fatality rate 2,5%

3rd 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...

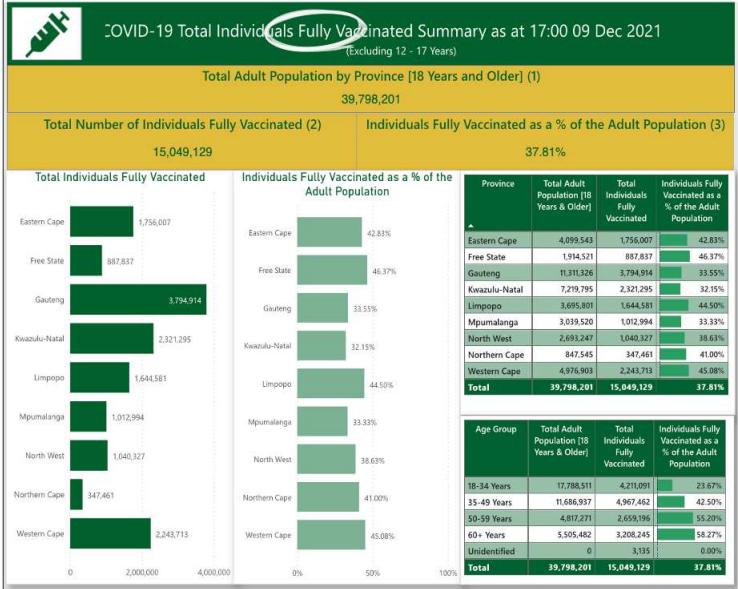
...exacerbating stark inequalities in vaccine coverage

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



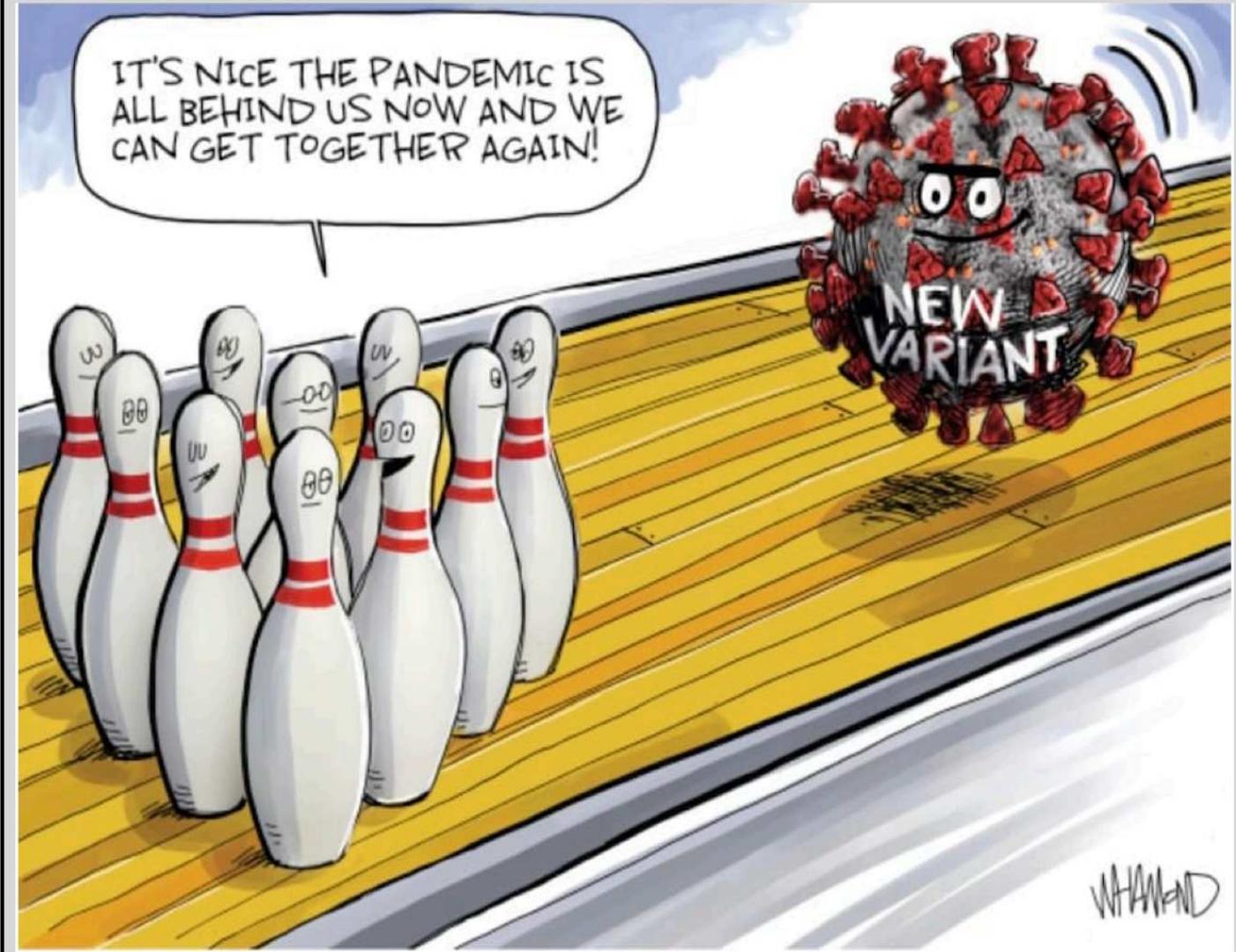
### COVID-19 Total Individuals Fully Vaccinated Summary as at 17:00 09 Dec 2021

(Excluding 12 - 17 Years)



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



## Projected international Omicron spread by end Jan 2022.....

