

# HarryG COVID-19 StatsPack

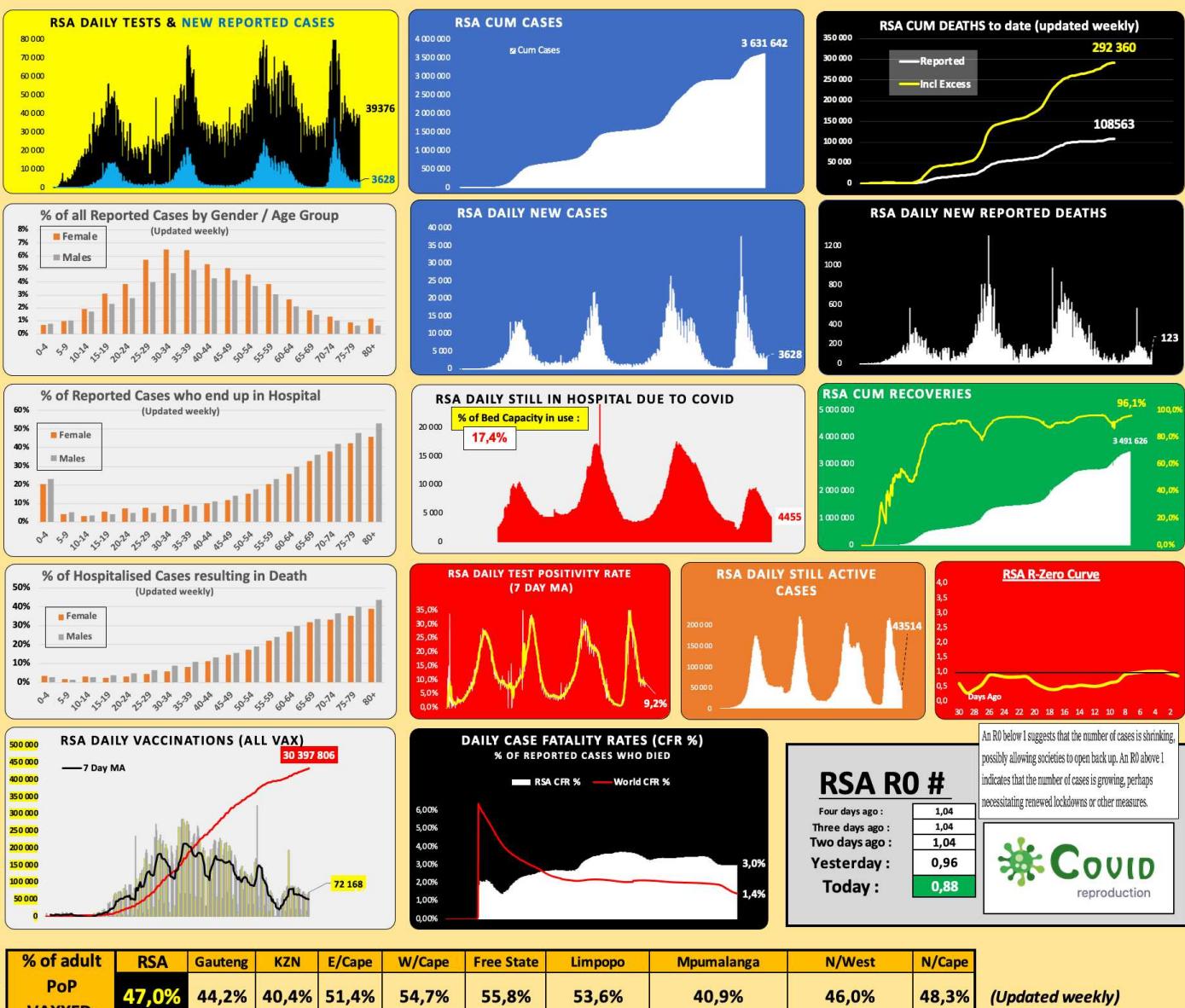
Deteriorating

Improving

Against  
Previous Day

Page 1

Cum Cases		Daily Cases		RSA COVID-19 DASHBOARD as at: <b>10-Feb-22</b>	Daily Still in Hospital	Case Fatality Rates (CFR): Reported Cases      Hospital Cases		Vaccinations:	Time to achieve Govt Target of <b>41m</b> vaxcs	
3 631 642	3 628	4455	3,00%      20,21%		Daily Avg	86 603	1,28		Yrs	
Still Active +Cases	Cum Cases p mill PoP	Cum Deaths p mill PoP				% of RSA PoP who have died to date : Reported Deaths      Incl Excess Deaths	0,18%      0,49%	7 Day MA Vaxcs per day	<b>52 273</b>	<b>2,12</b> Yrs
43 514	60 651	1820				0,18%      0,49%	Total to date:			
Deaths Ages	Deaths	Deaths	Deaths			% of RSA PoP who have died to date PROJECTED to end Mch 2022: Reported Deaths      Incl Excess Deaths	0,20%      0,49%	Cum Tests	Daily Tests	22 555 062      39 376
Avg Median	Min Age	Max Age				0,20%      0,49%				
62,2	58,8	0,2	108					Daily Test Positivity Rate:	9,2%	
					09 Feb					



Progress Ranking by Province :

7      9      4      2      1      3      8      6      5

Data as at: 09 February 2022

Unless otherwise indicated

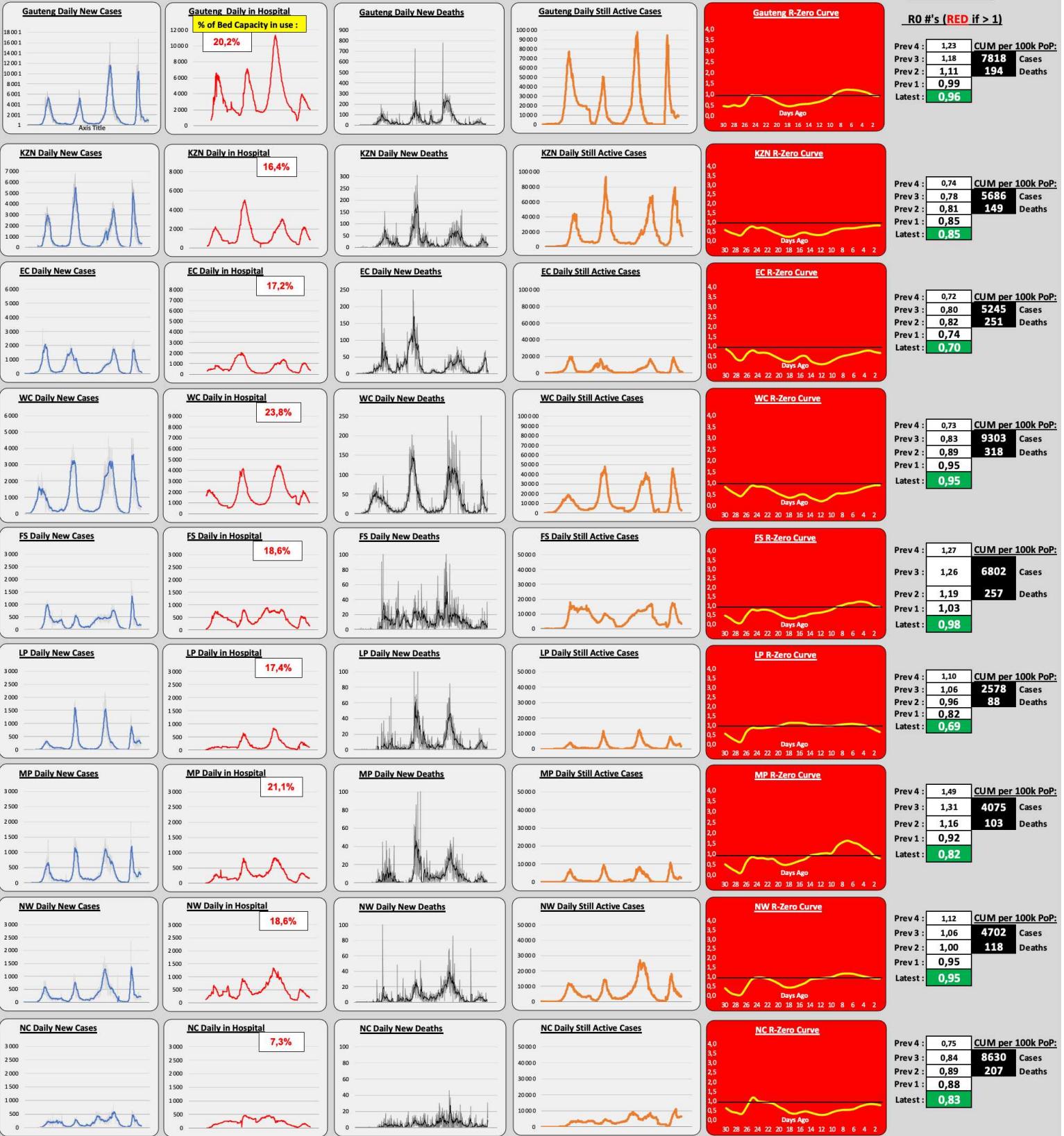
hdg      10 February 2022

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

### Latest Provincial

**RO #'s (RED if > 1)**

Prev 4 :	1,23	CUM per 100k Pop:
Prev 3 :	1,18	7818 Cases
Prev 2 :	1,11	194 Deaths
Prev 1 :	0,99	
Latest:	0,96	



Data as at: 09 February 2022

Unless otherwise indicated

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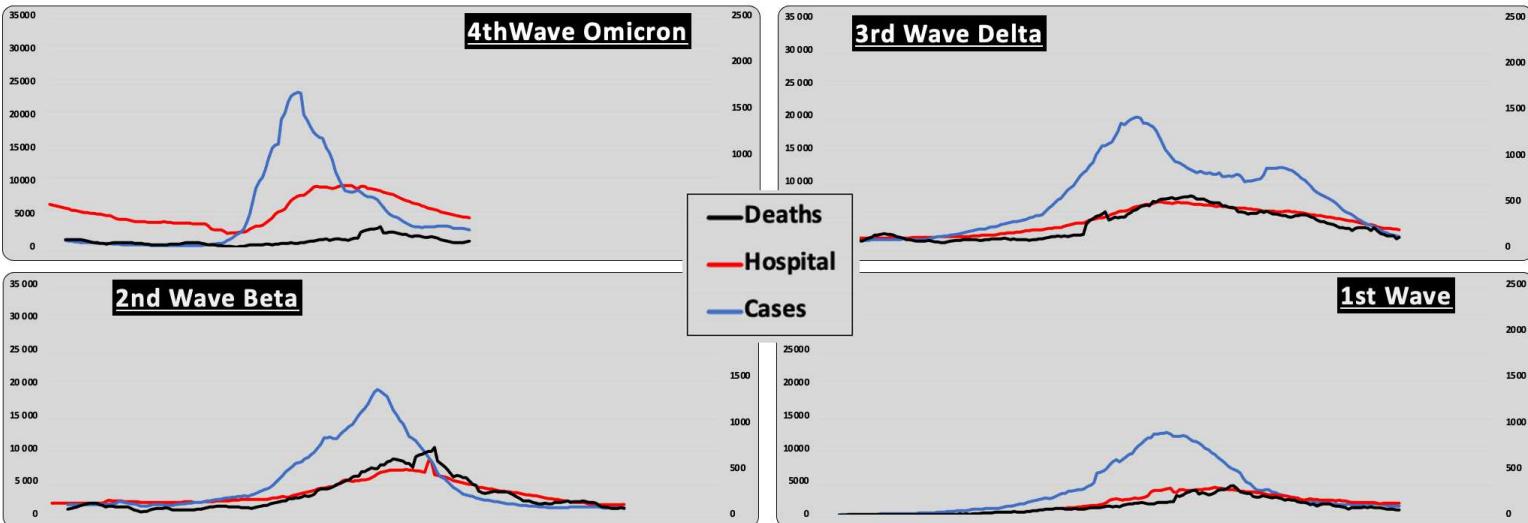
10 February 2022

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



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

Page 2

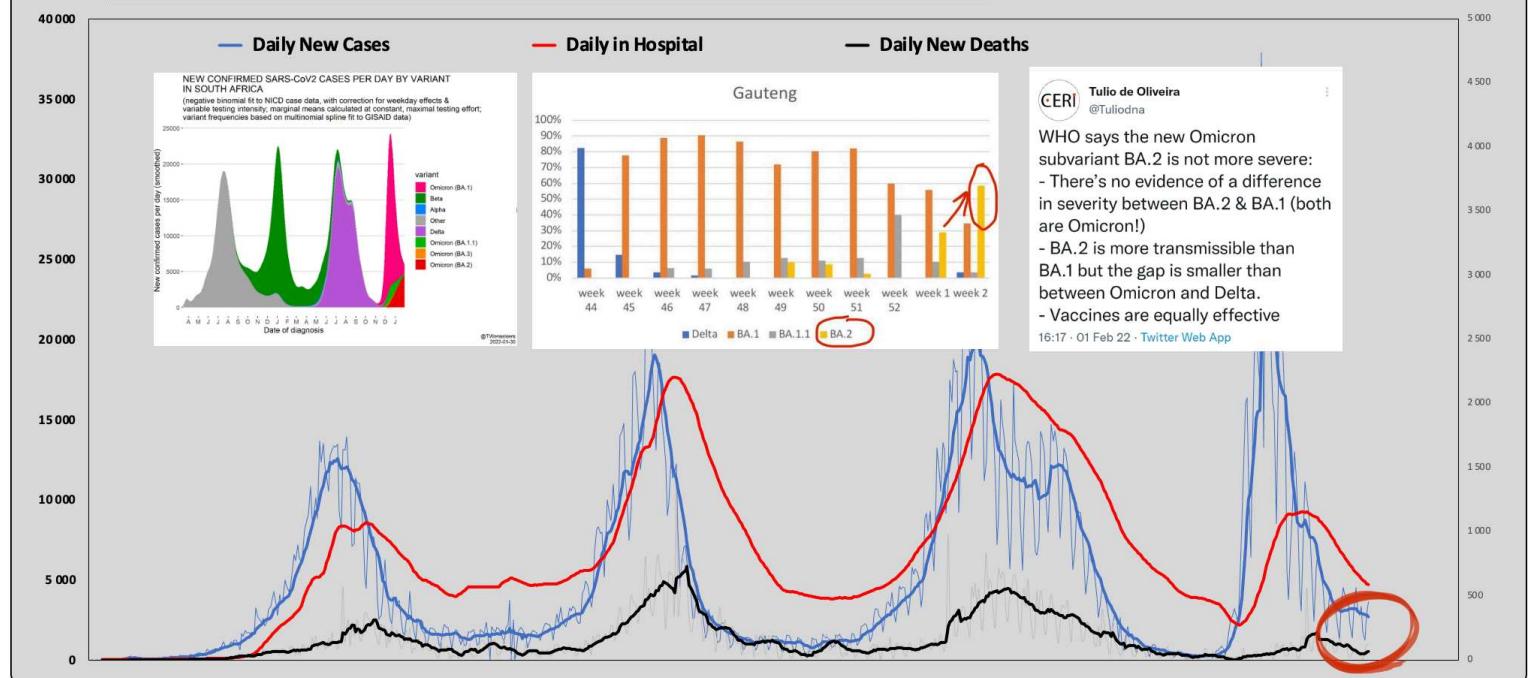


Discovery Health, respected major health insurance group in South Africa, on 14 Dec announced their preliminary findings on the Omicron Wave in SA. These are their summarised insights :

### Conclusion | Omicron Insights

- Apparent 29% lower severity based on early data (in high seroprevalence population) and supported by anecdotal clinical feedback
- Vaccination remains single most important intervention to mitigate against severe Covid-19, with double dose of Pfizer-BioNTech vaccine showing 70% effectiveness in reducing risk of hospitalisation
- Vaccine effectiveness against infection is materially reduced, with high numbers of breakthrough infections in vaccinated individuals
- The protective effect of prior infection has reduced over time, and Omicron has eroded that protective effect further, with high re-infection rates in previously Covid-19 positive individuals
- Notwithstanding the lower severity, health systems could still be over-run by the sheer volume of cases, considering Omicron's rapid community spread
- Children experiencing very low test positivity rate relative to adults, and low Covid-19 admissions in absolute terms, but appear to be at 20% greater risk of hospitalisation during Omicron wave relative to D614G wave

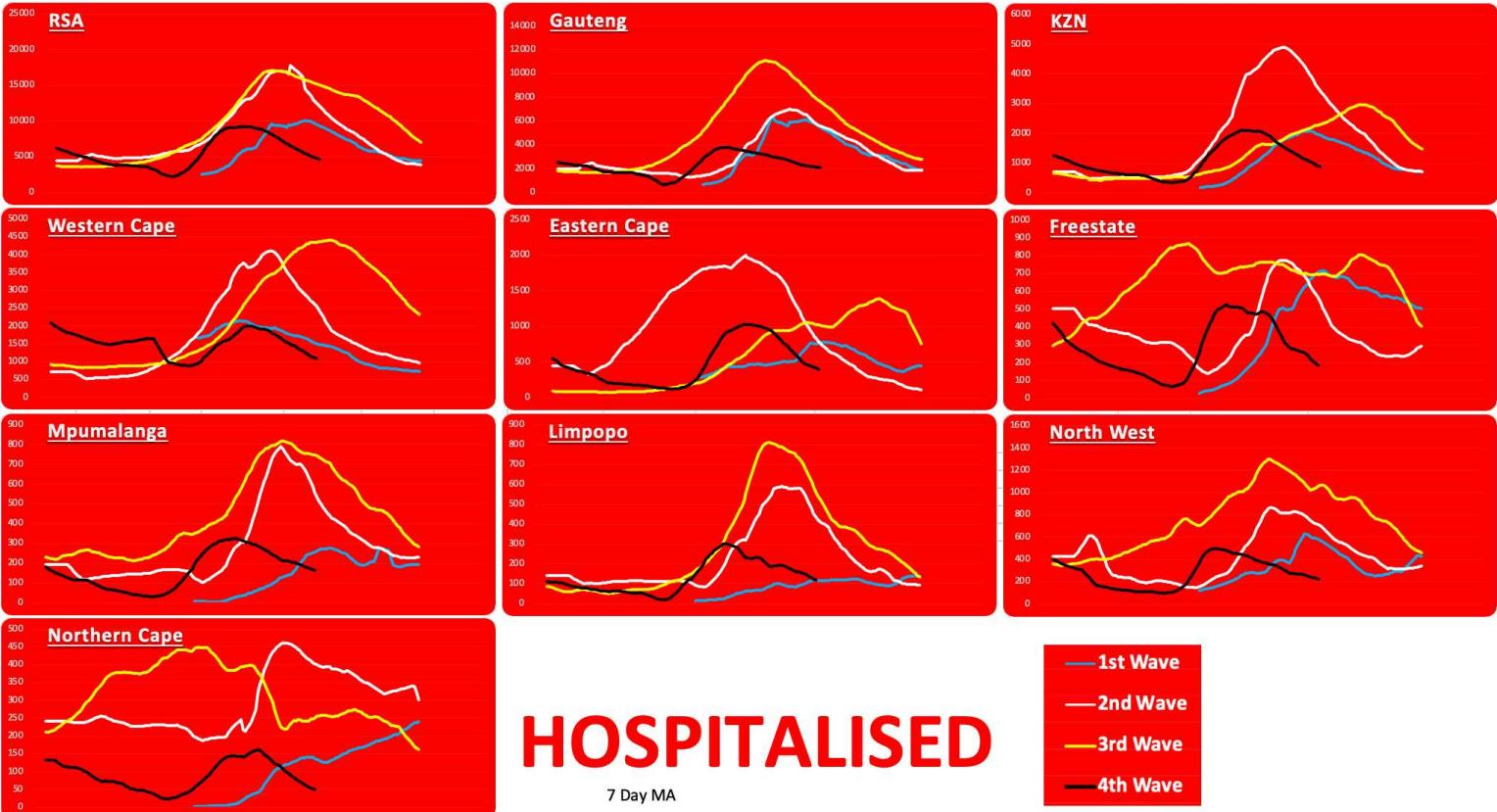
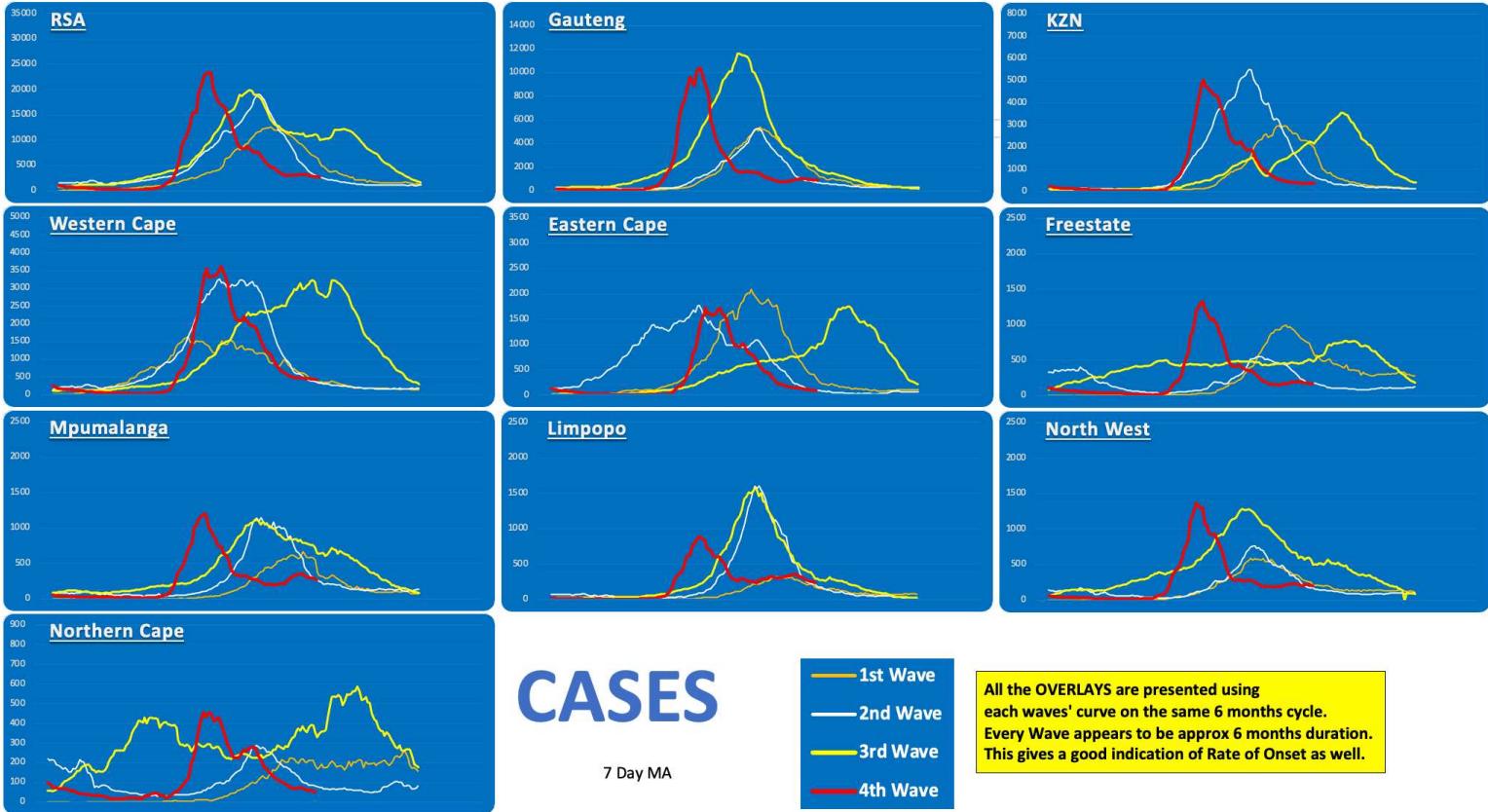
## RSA Reported Daily Cases v Hospitalisations v Daily Deaths (7 Day MA note the dual axes)



Level 5	Level 4	L3	Level 3-	L2	Level 1	Level 1-	Level 3-	Level 1+	L 2	L 3	L 4	Level 3	L 2	Level 1	Level 1-
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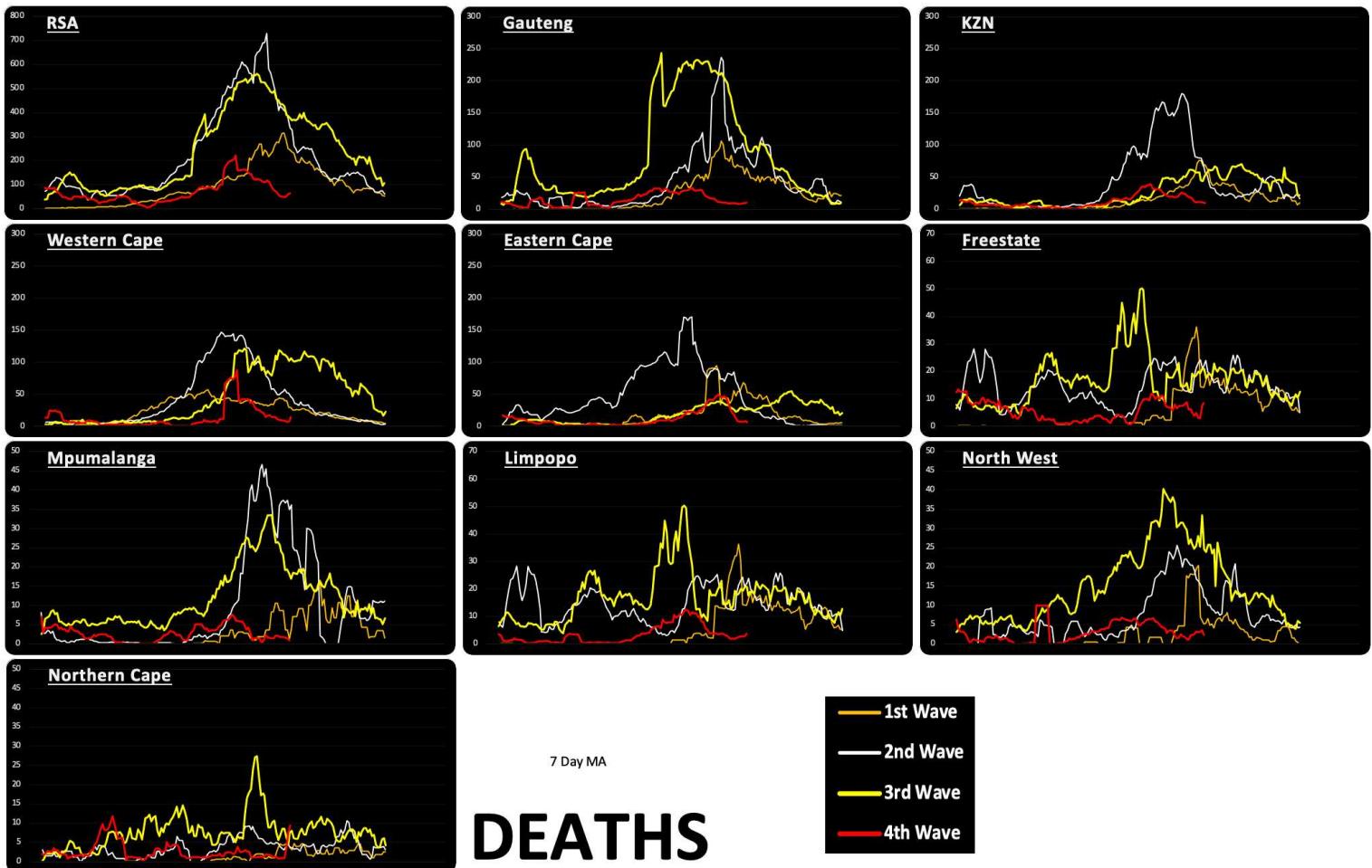
Data as at: 09 February 2022 Unless otherwise indicated

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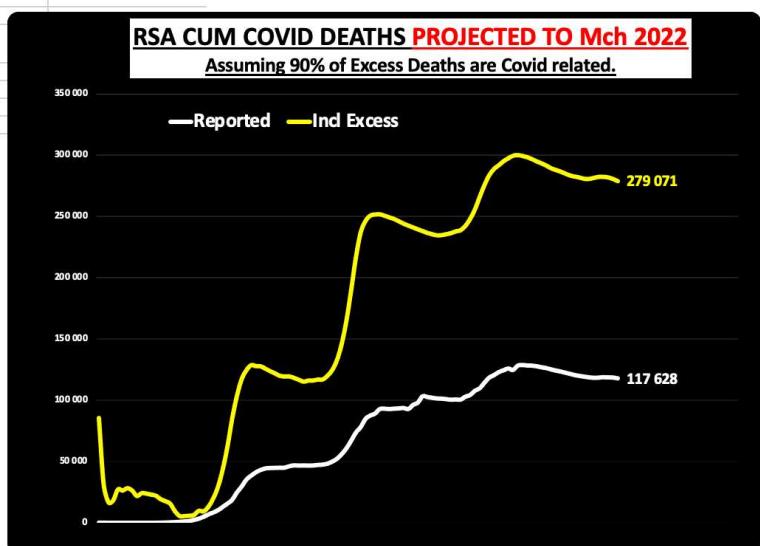
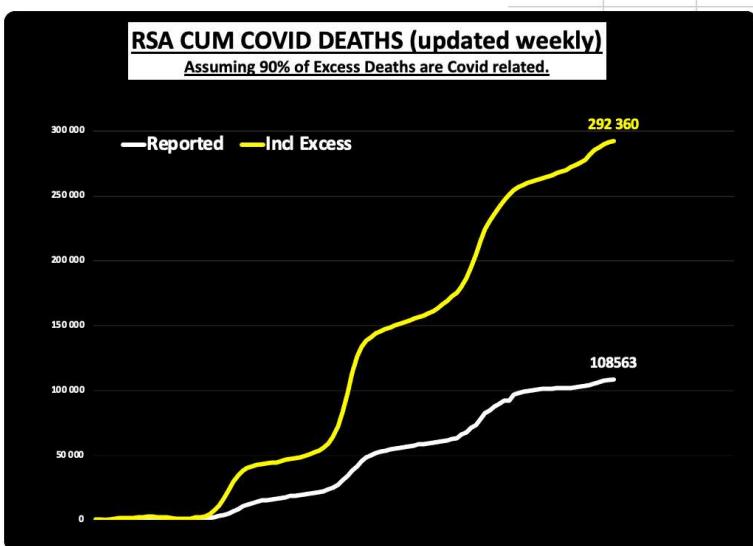


## 1st / 2nd / 3rd & 4th WAVE OVERLAYS (DAILY DEATHS)

Page 2.2

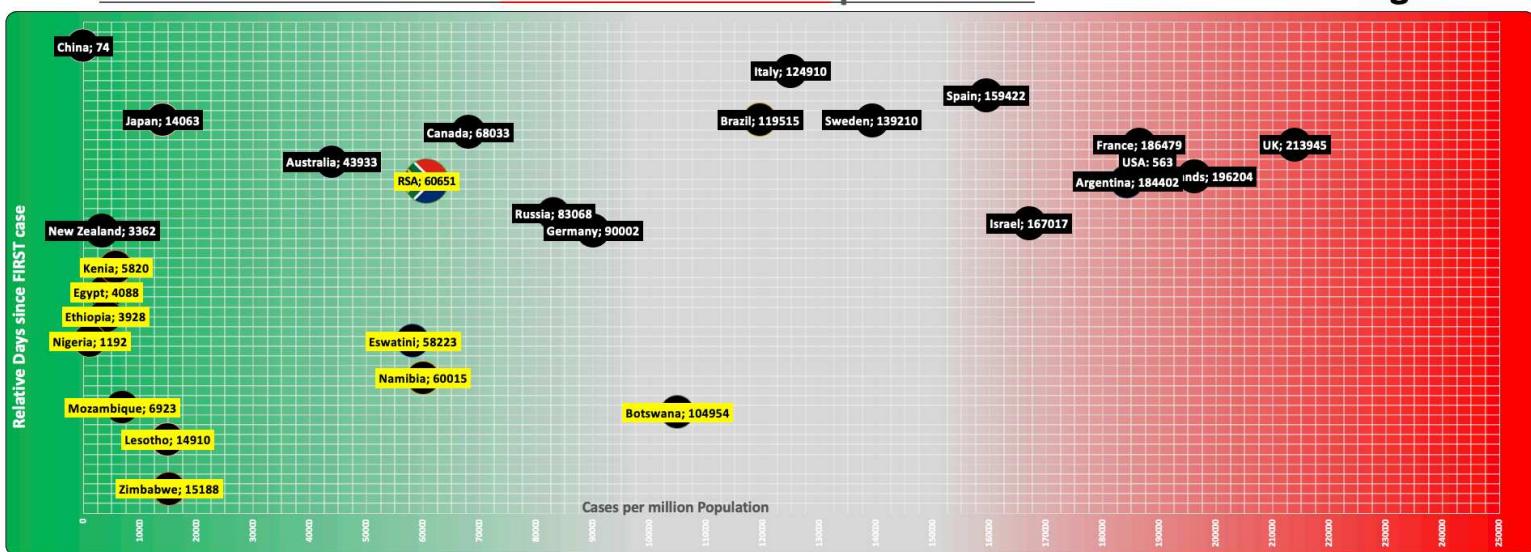


## RSA Cum & Projected Deaths (Reported & Incl Excess)



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

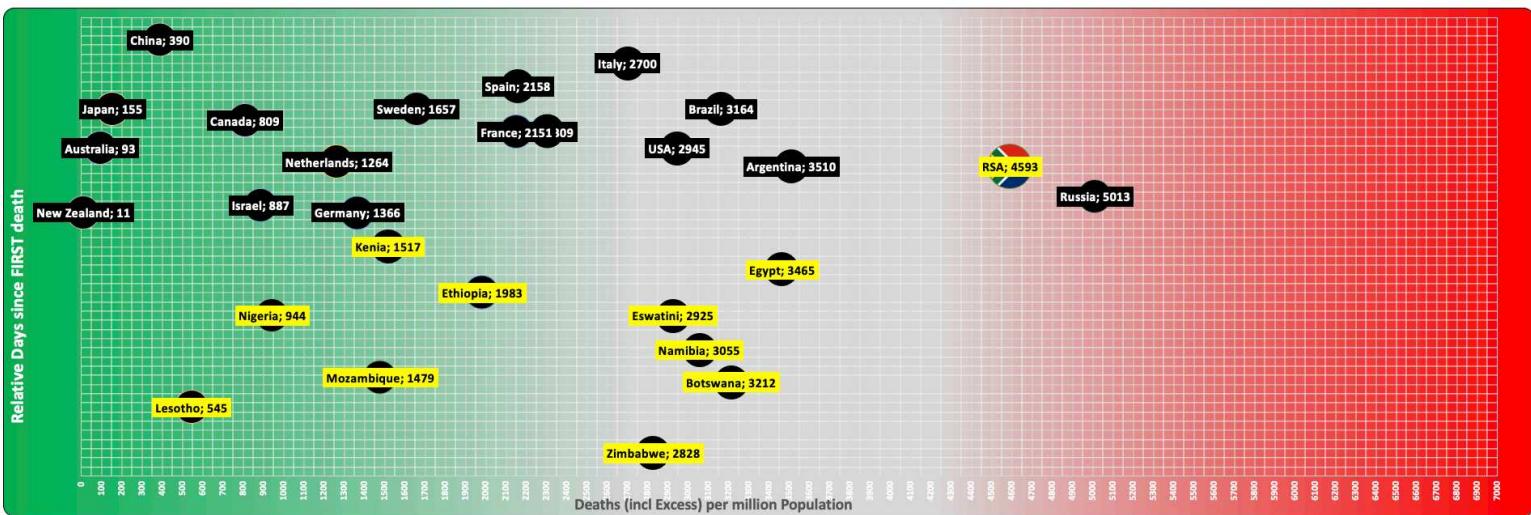
Page 2.3



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



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



Data as at: 09 February 2022

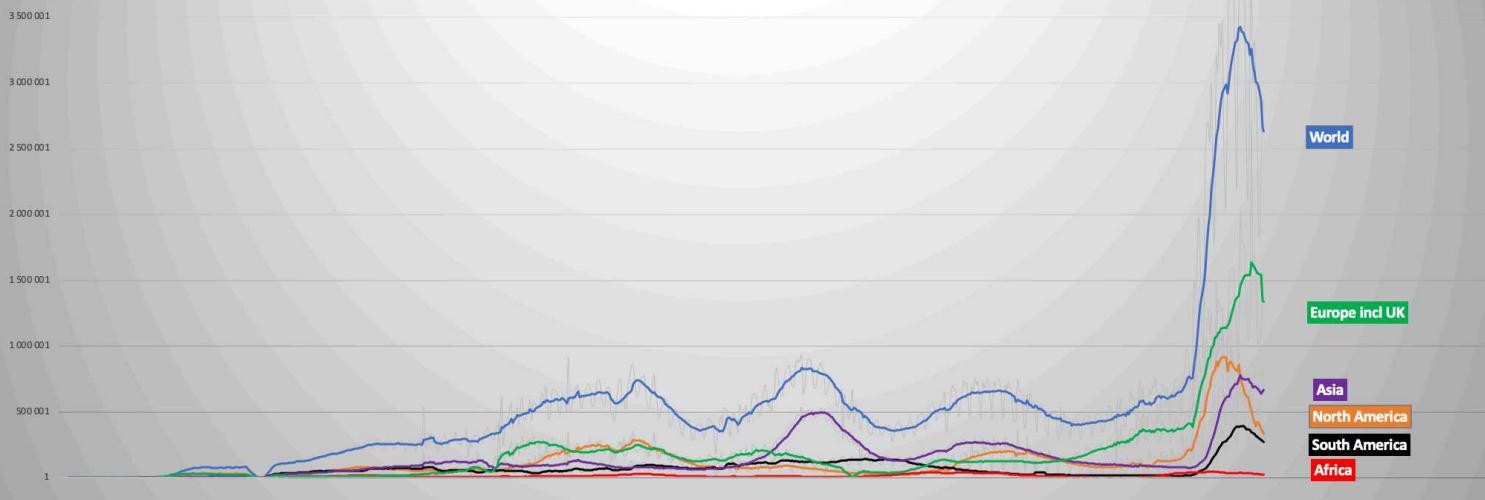
\* Excess Deaths %'s as per OurWorldinData & The Economist Magazine

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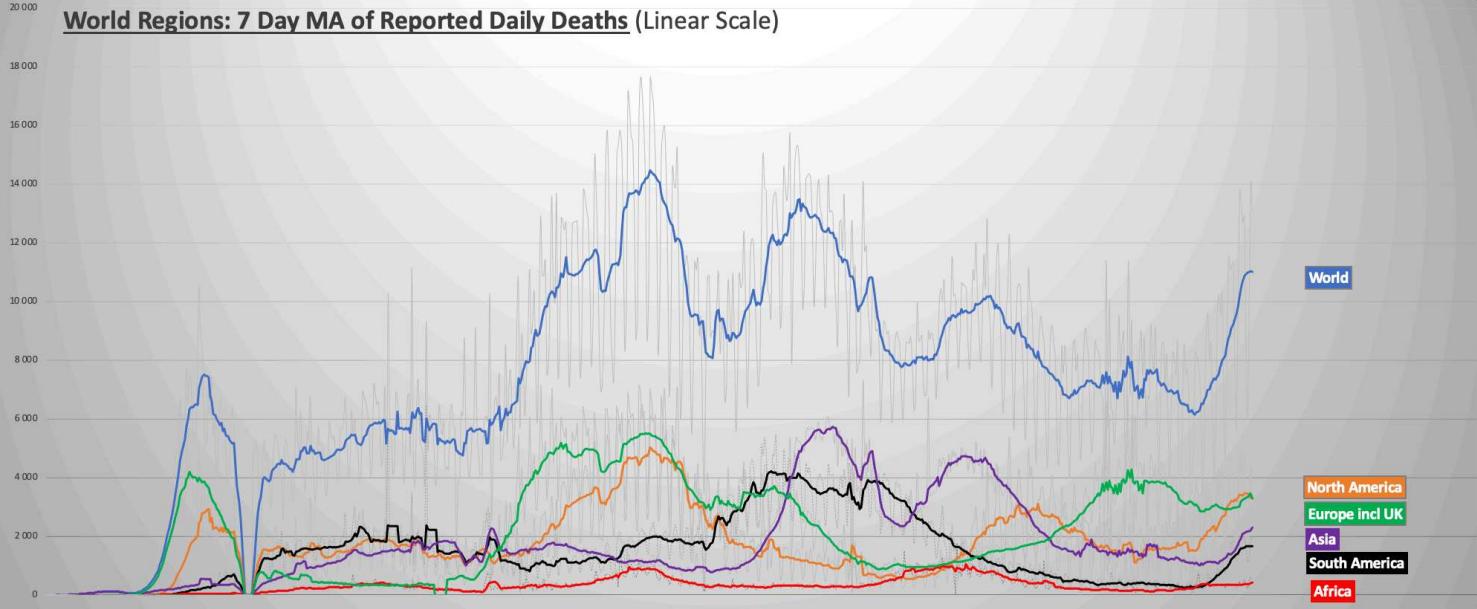
## 7 Day Moving Average of Daily Reported Deaths & Cases by World Region

Page 3.0

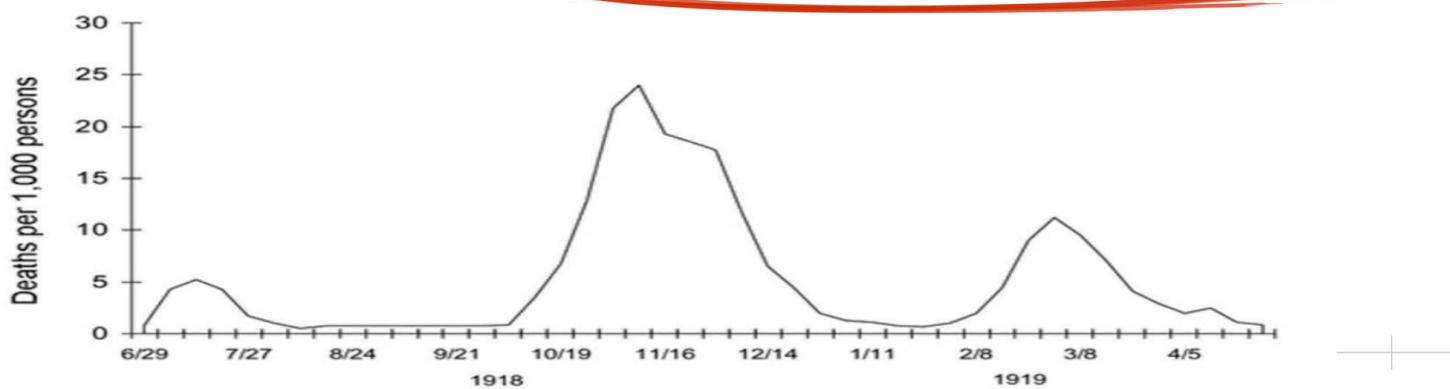
### World Regions: 7 Day MA of Daily Cases (Linear Scale)



### World Regions: 7 Day MA of Reported Daily Deaths (Linear Scale)

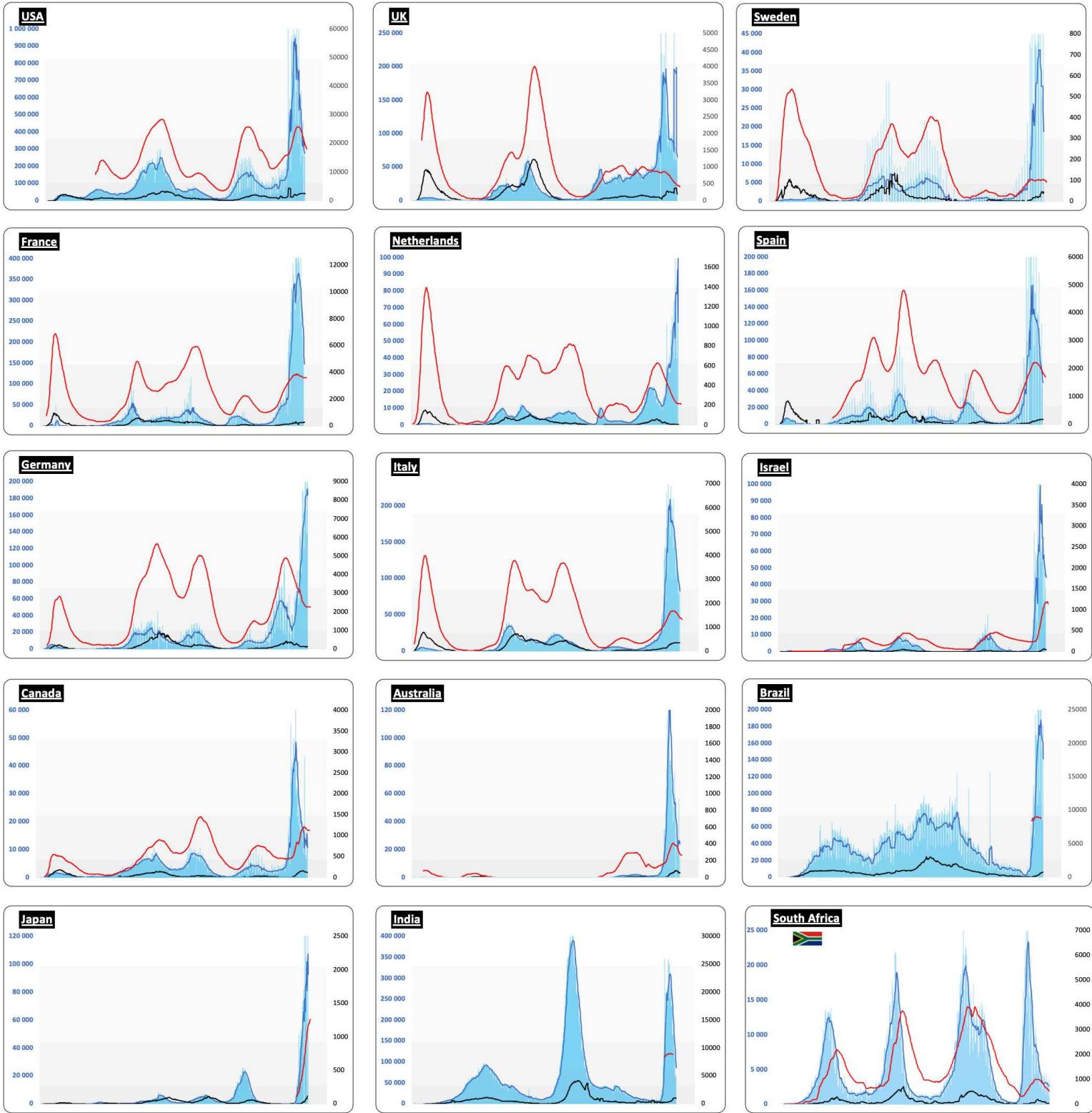


**Figure 1. Three Pandemic Waves of the Spanish Flu in the United Kingdom, 1918-20**



## Selected Countries' Daily Cases, ICU & Daily Deaths as Reported (7 Day MA)

Page 3.1

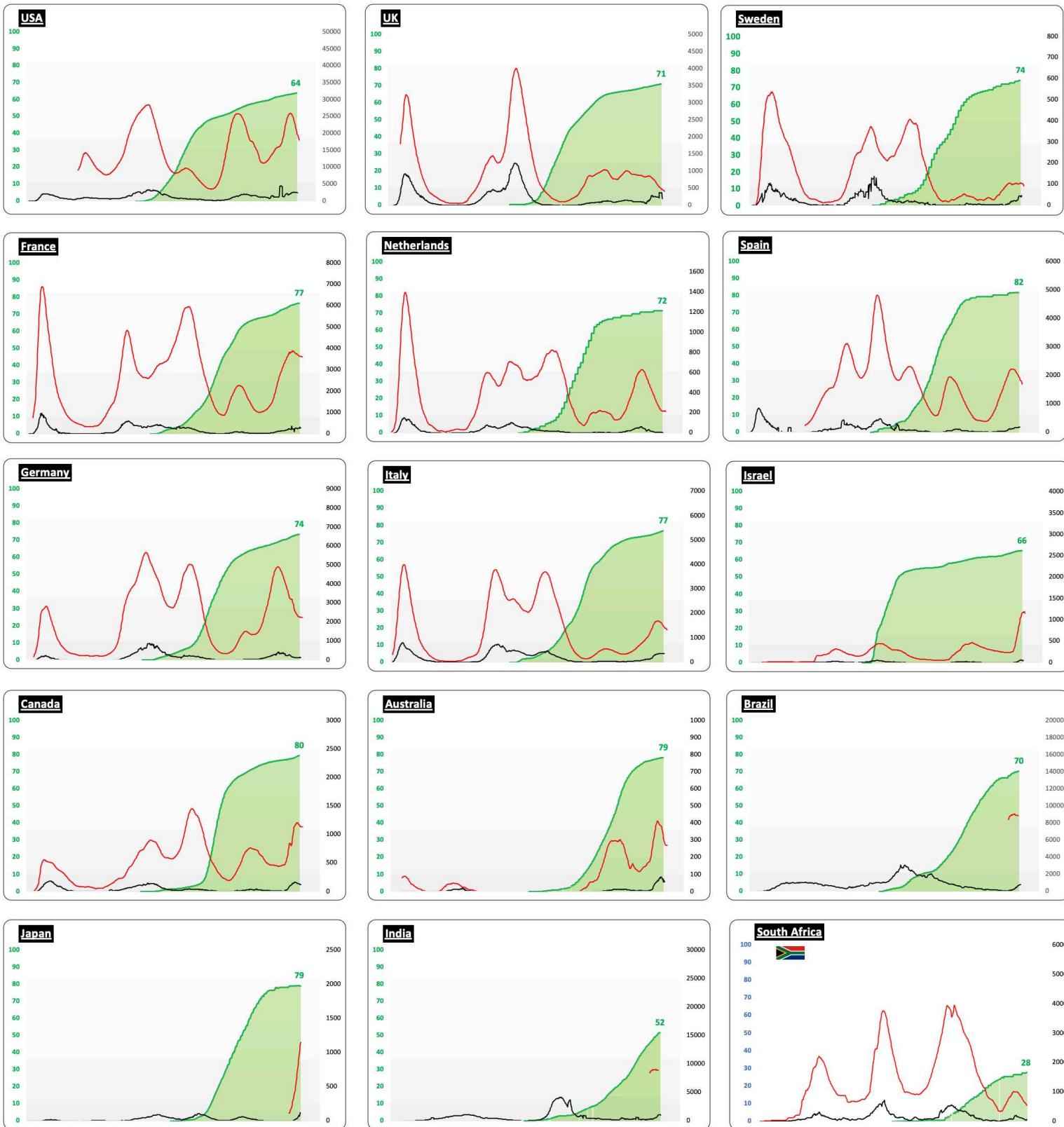


Data as at: 09 February 2022 Unless otherwise indicated

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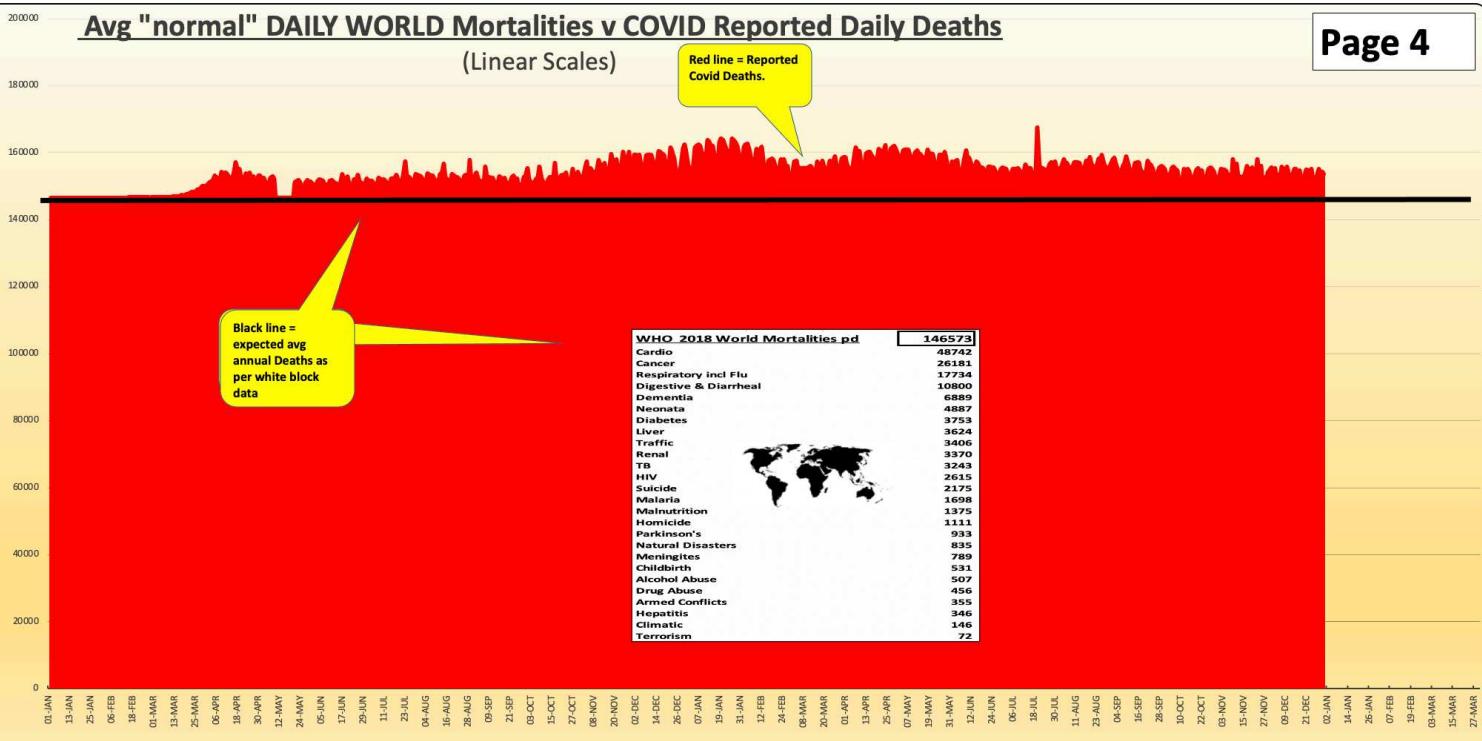
## Selected Countries' Daily % FULLY VAXXED, ICU & Daily Deaths as Reported (7 Day MA)

Page 3.2



Data as at: 09 February 2022 Unless otherwise indicated

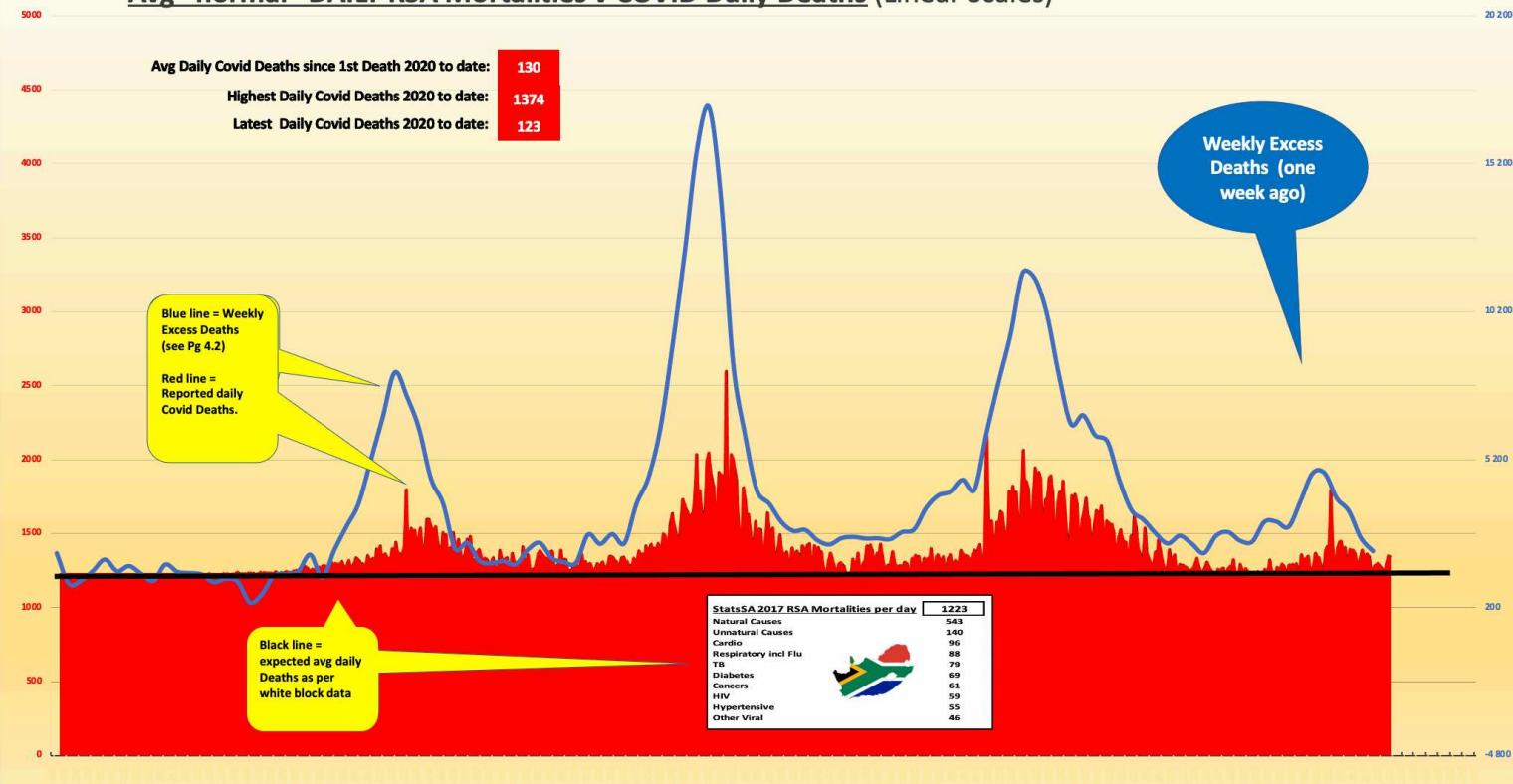
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The two graphs WORLD (above) and RSA (below) attempt to put the number of Covid Deaths into some sort of perspective graphically.  
The big RED blocks below the black lines are TOTAL Daily Avg Deaths from ALL causes.

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.

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



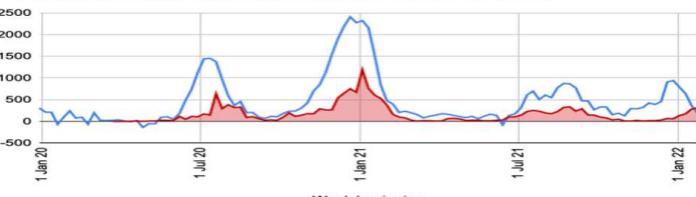
## RSA Excess Deaths as per SA Medical Research Council

As at : 05 February 2022

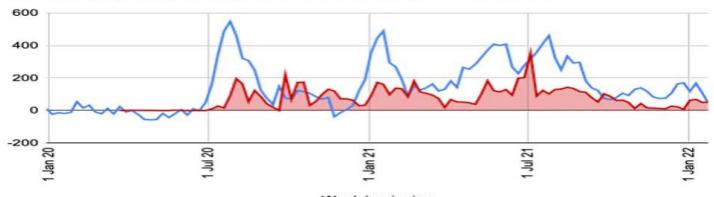
Page 4.1

### Provinces

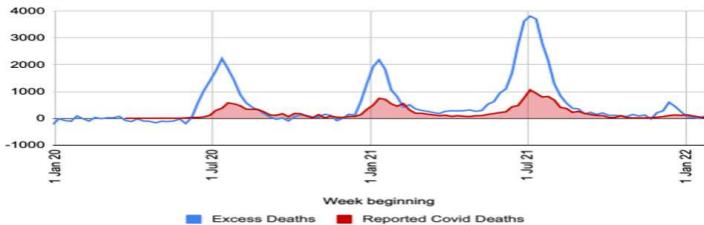
EC (Natural) Excess Deaths and Reported Covid-19 Deaths



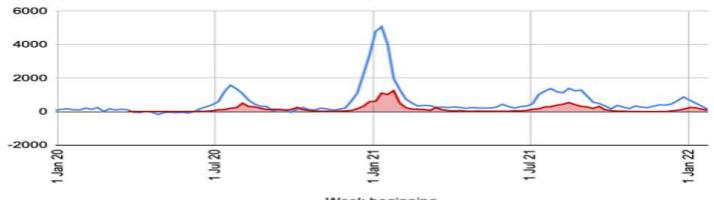
FS (Natural) Excess Deaths and Reported Covid-19 Deaths



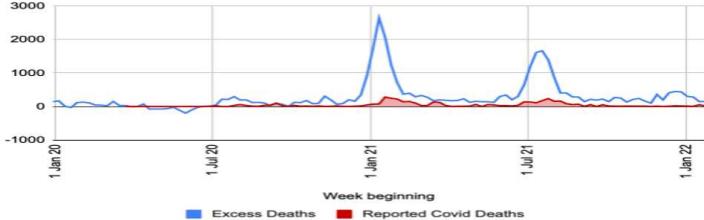
GT (Natural) Excess Deaths and Reported Covid-19 Deaths



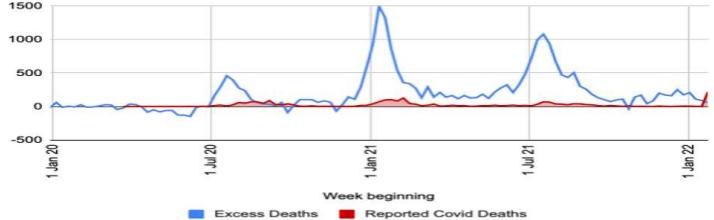
KZ (Natural) Excess Deaths and Reported Covid-19 Deaths



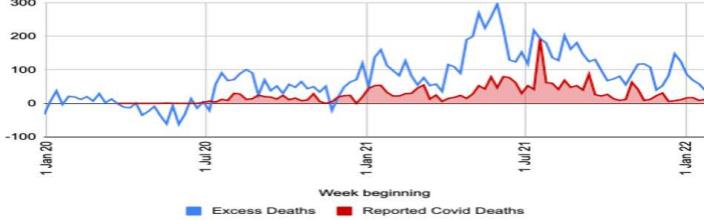
LM (Natural) Excess Deaths and Reported Covid-19 Deaths



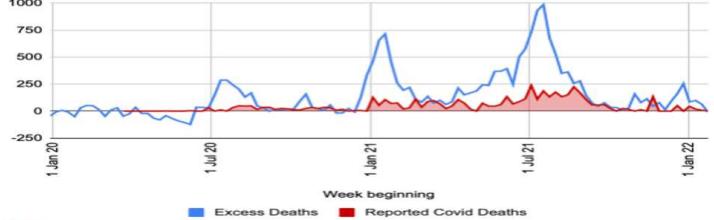
MP (Natural) Excess Deaths and Reported Covid-19 Deaths



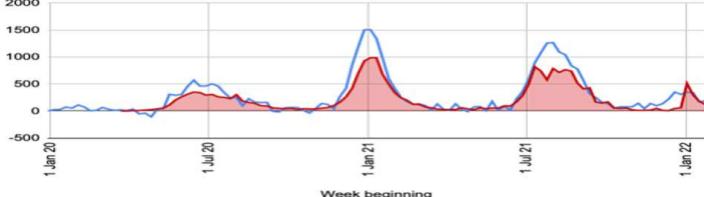
NC (Natural) Excess Deaths and Reported Covid-19 Deaths



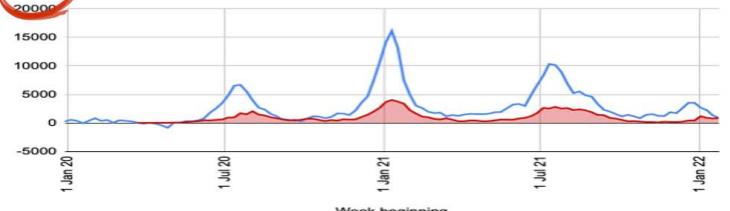
NW (Natural) Excess Deaths and Reported Covid-19 Deaths



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



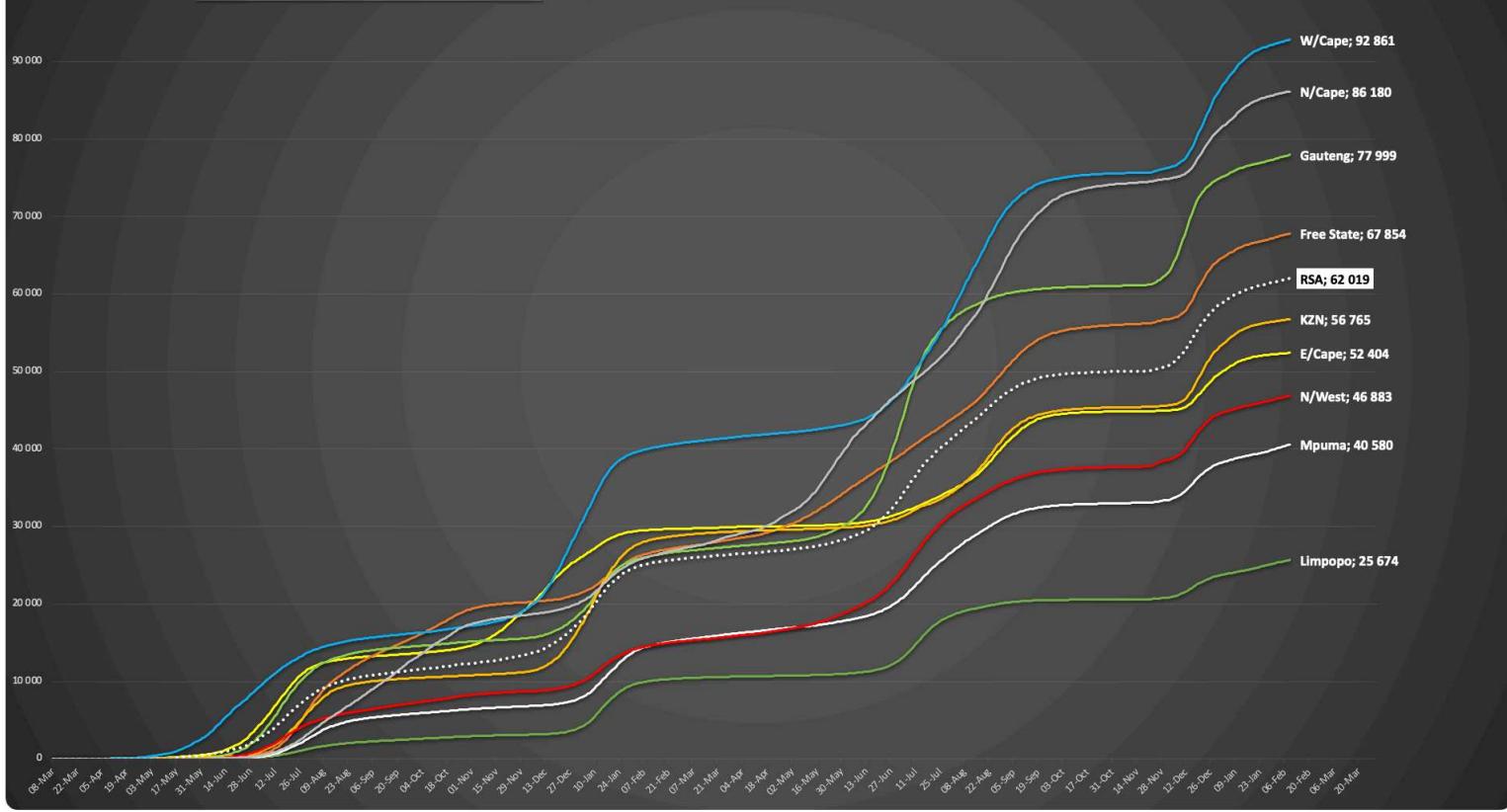
RSA (Natural) Excess Deaths and Reported Covid-19 Deaths



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

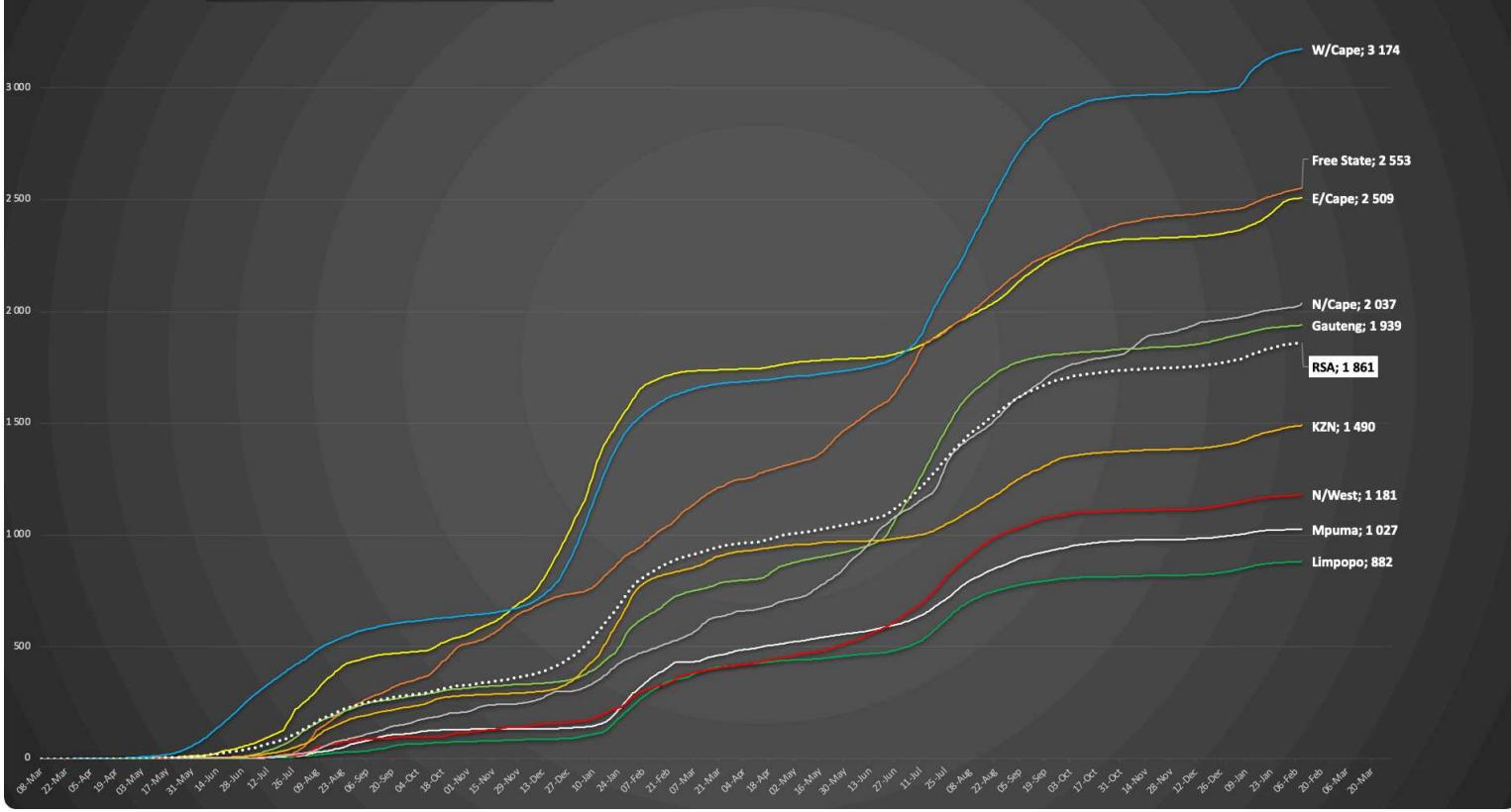
**CUM reported Covid CASES per mill PoP**

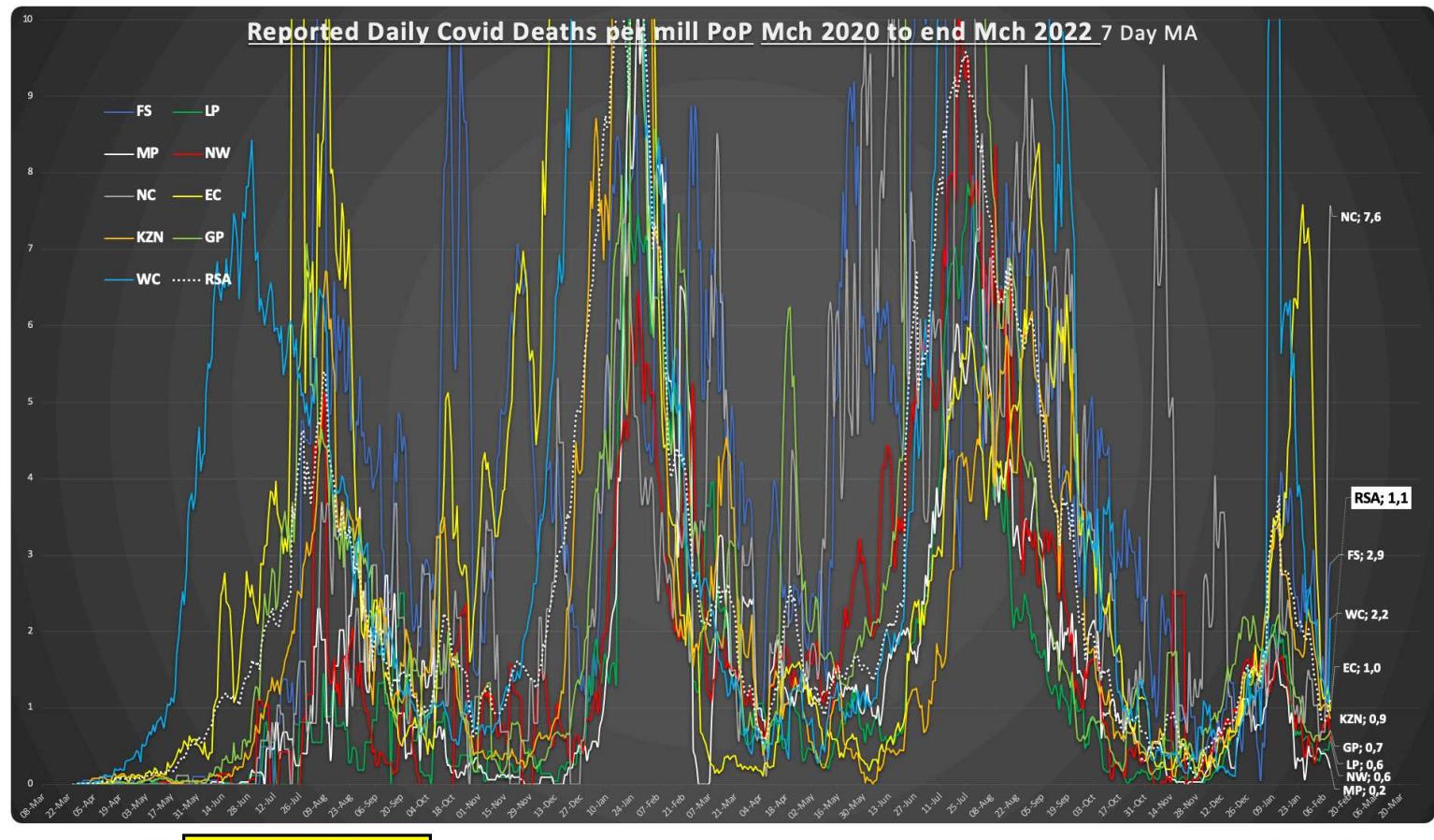
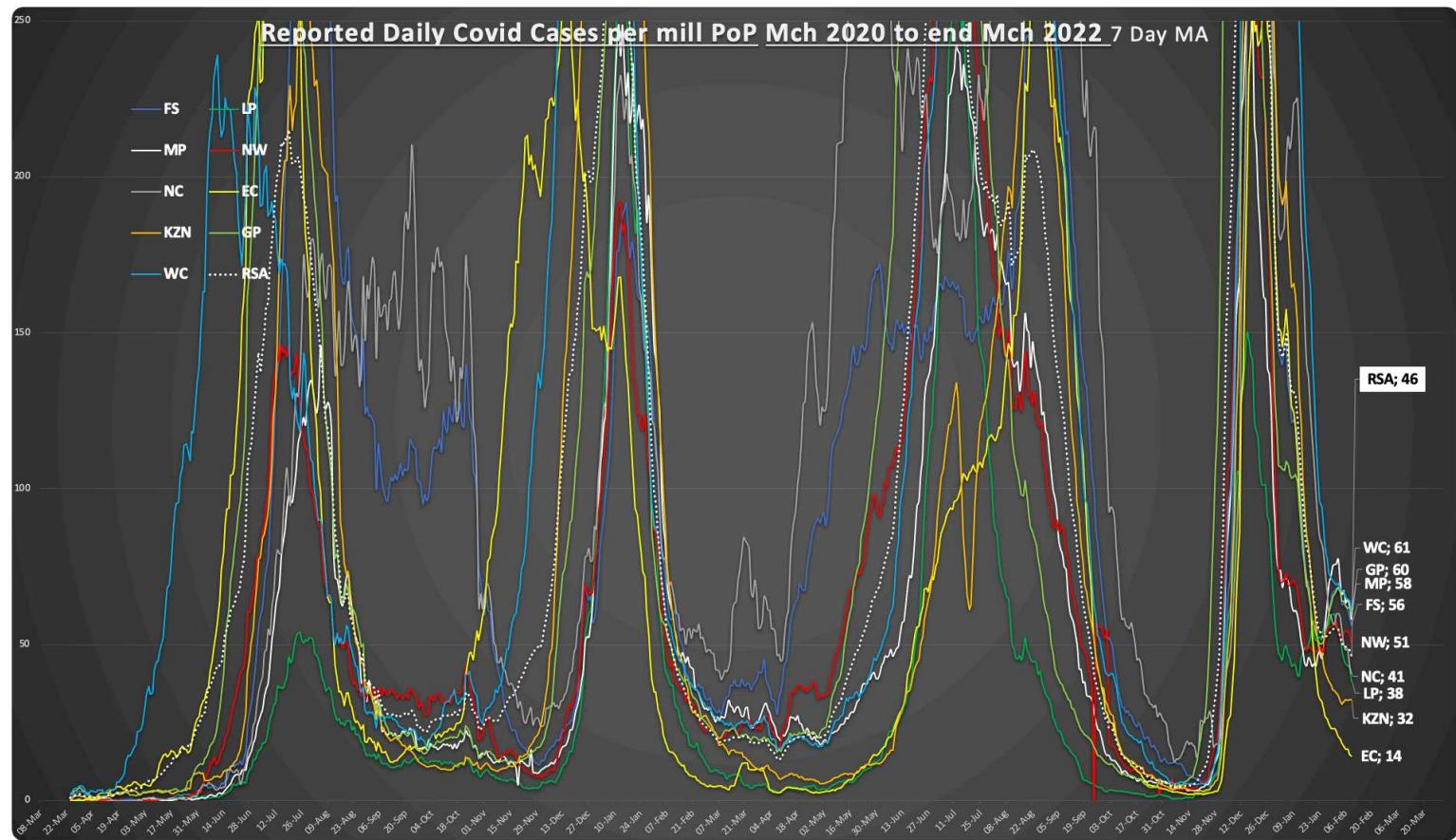
Jan 2020 to end Mch 2022 7 Day MA



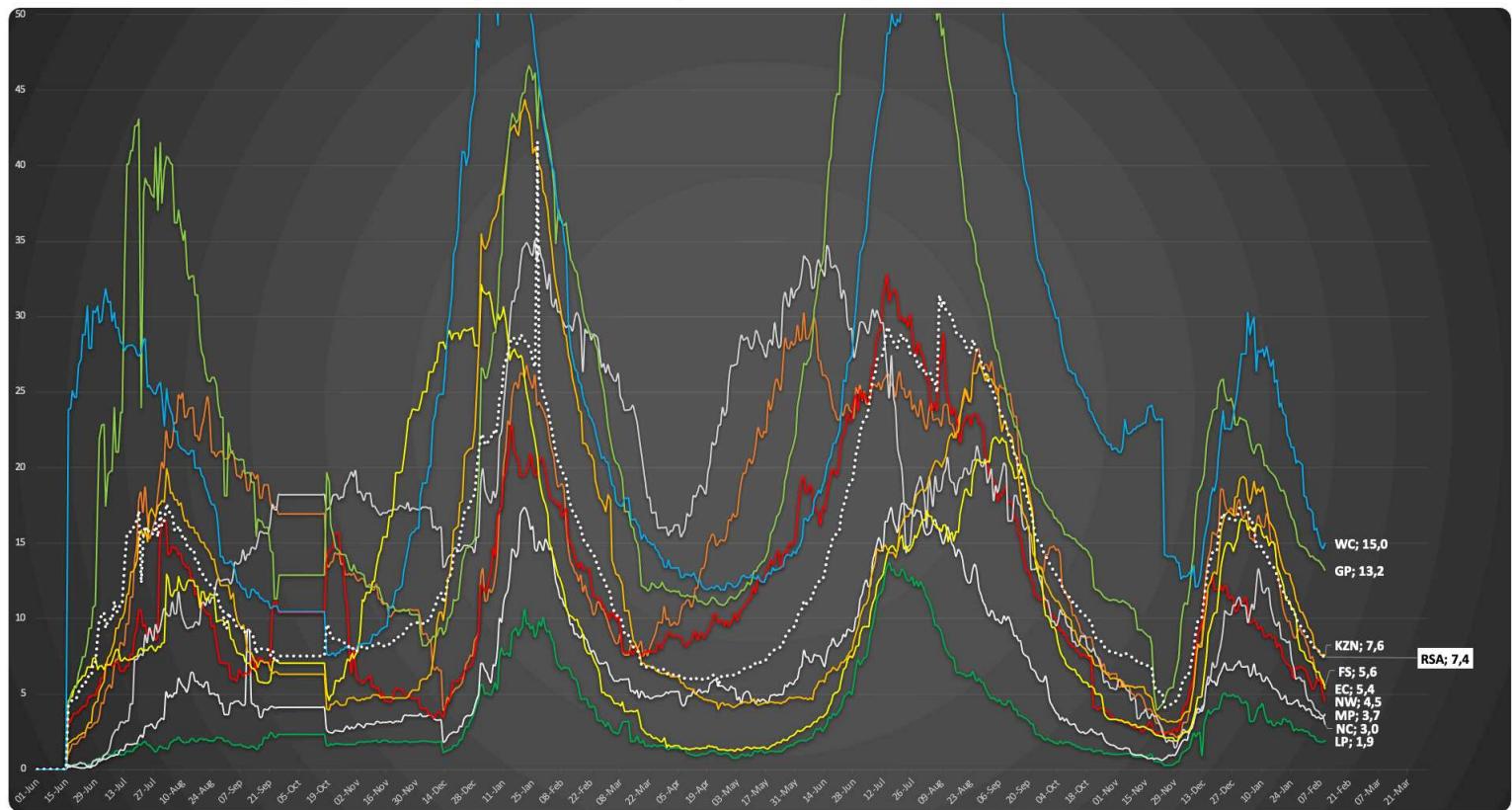
**CUM reported Covid DEATHS per mill PoP**

Jan 2020 to end Mch 2022 7 Day MA

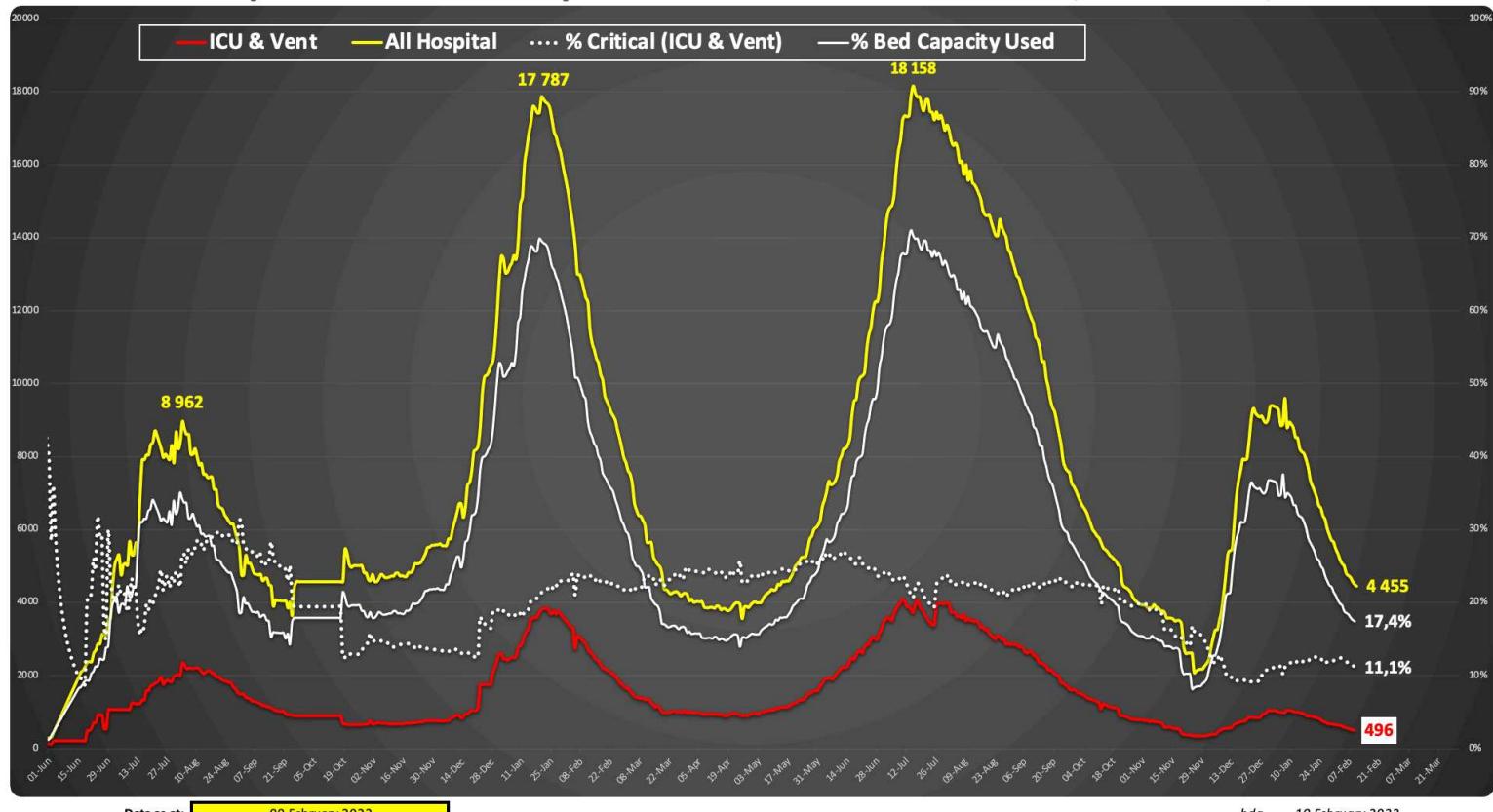




## RSA & Prov's Daily Covid Hospitalisations per 100k Population

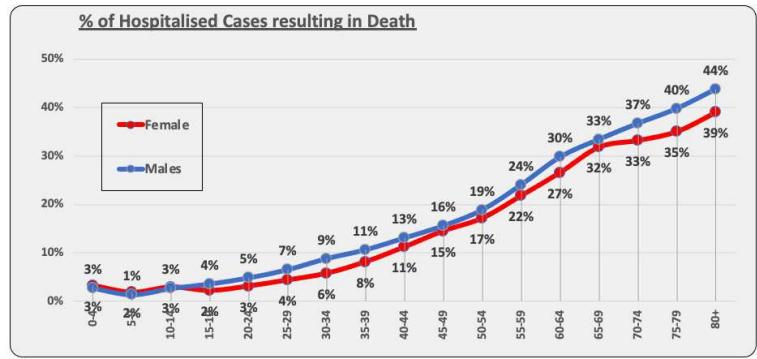
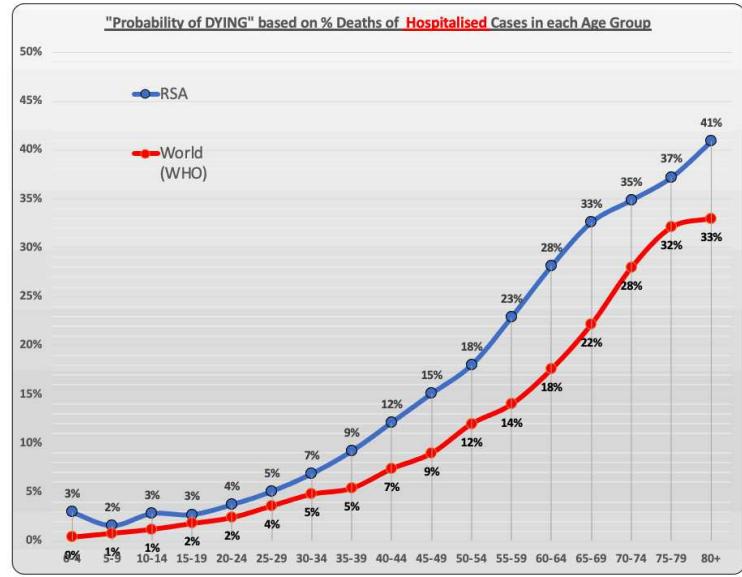
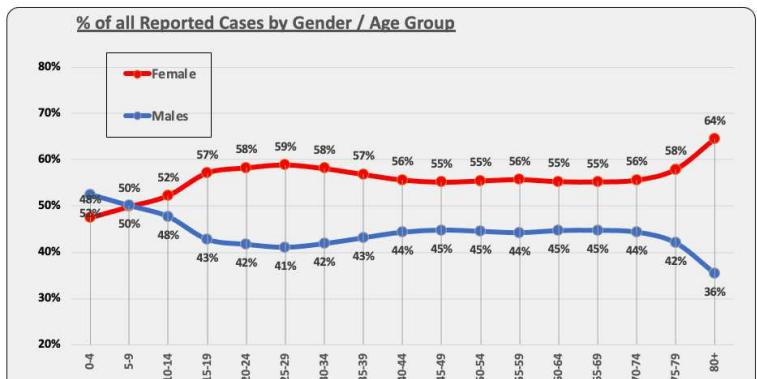
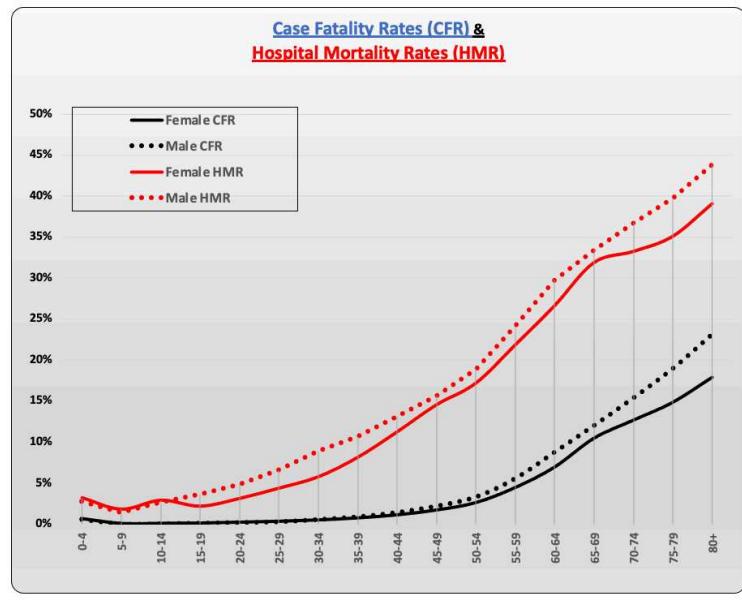
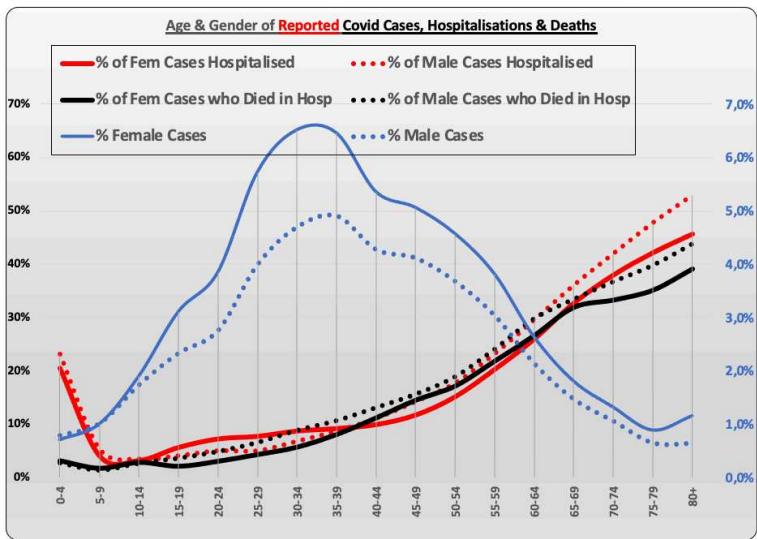
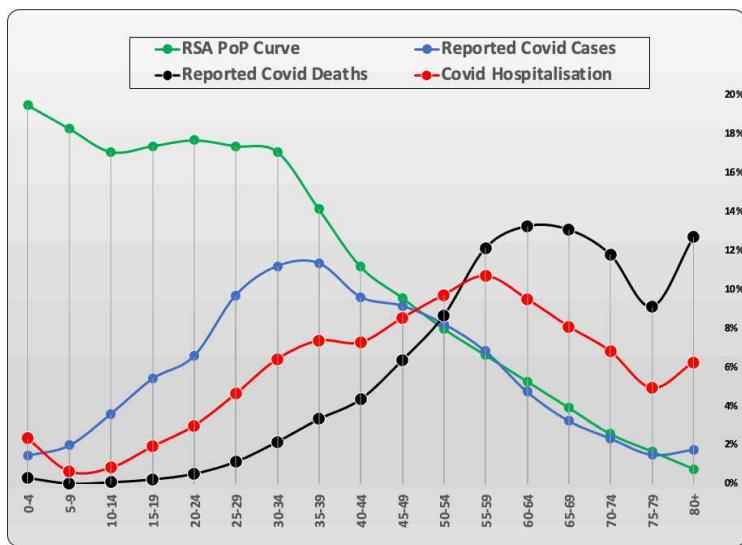


## RSA Daily Covid Cases In Hospital : Jun 2020 to end Mch 2022 (actual not MA)



## RSA Age & Gender Stats

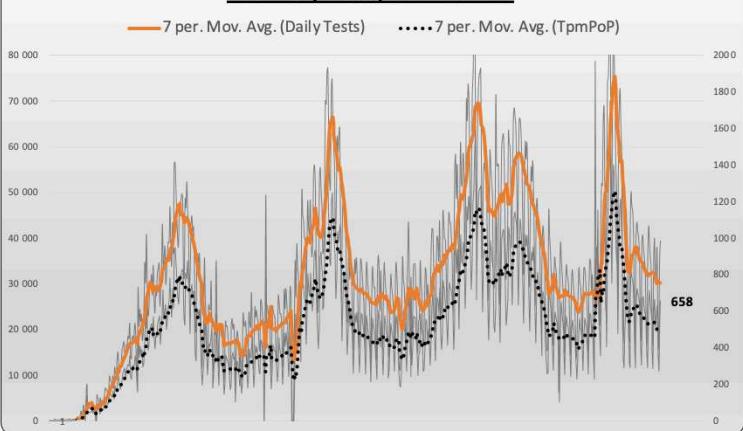
Page 6



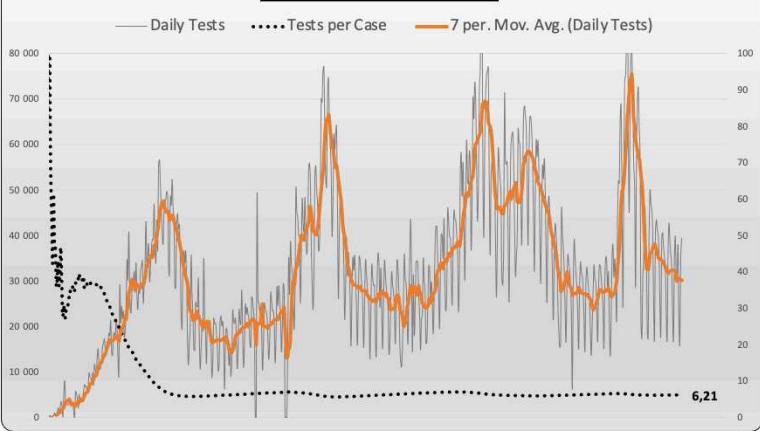
Data as at: 09 February 2022

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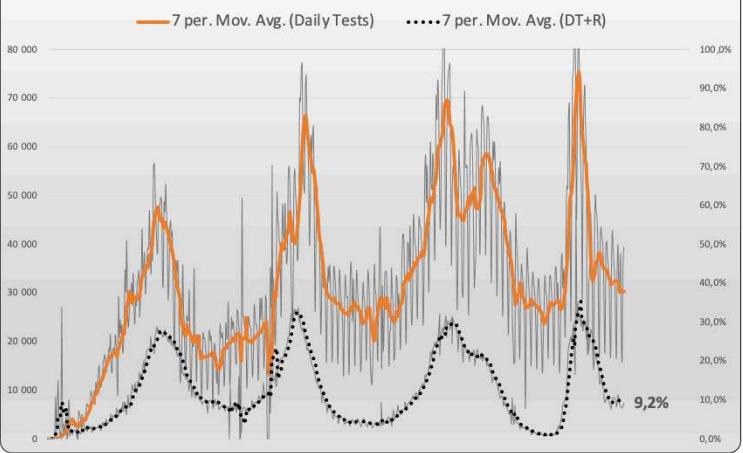
## RSA: Daily Tests per million PoP



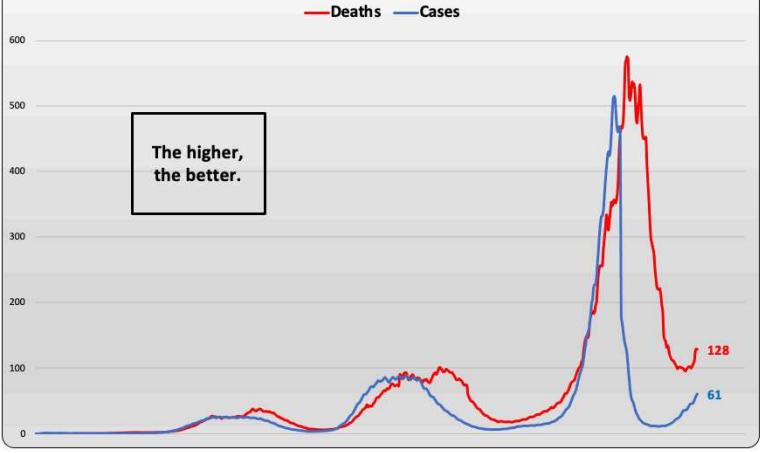
## RSA: Daily Tests per +Case



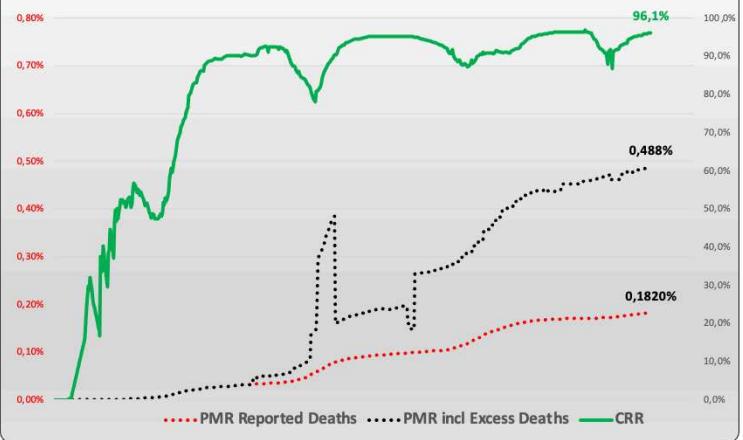
## RSA: Daily Tests Positivity %



## RSA Doubling Times in Days



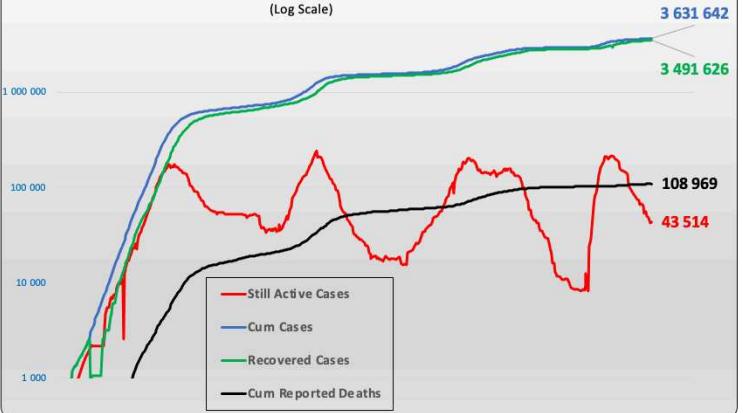
## RSA: Case Recovery Rate (CRR) & PoP Covid Mortality Rate



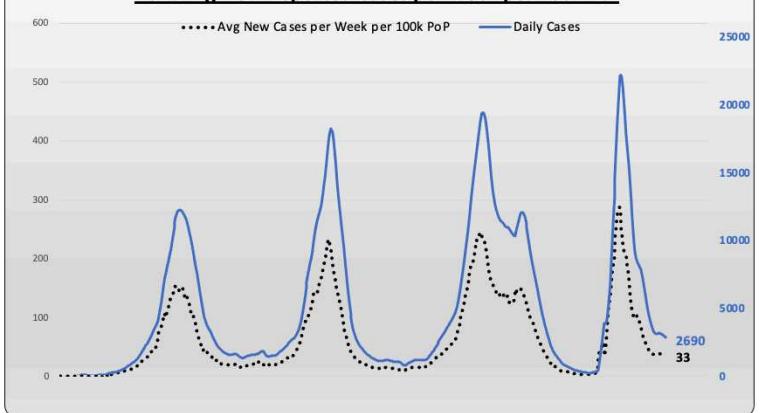
## Covid Reported Deaths as % of Reported Cases (CFR)



## RSA: Reported Cases v Still Active Cases v Recovered v Deaths

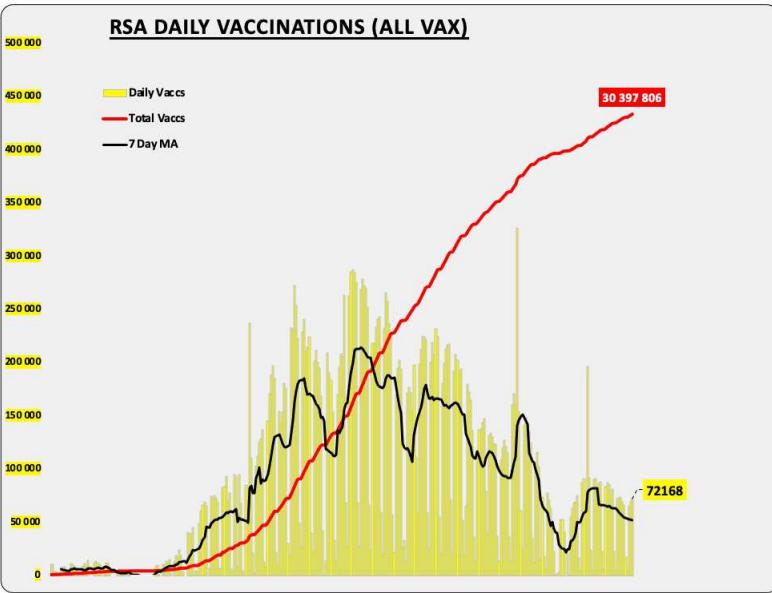


## RSA: Avg New Reported Cases per week per 100k PoP



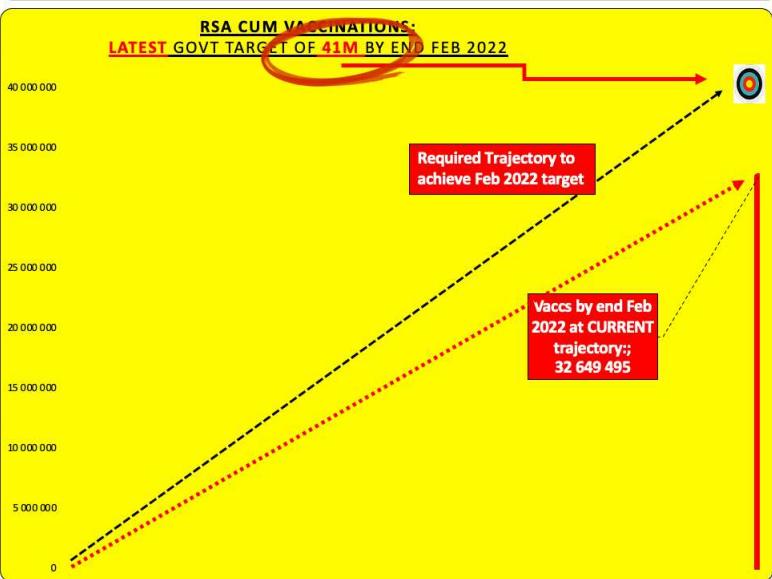
## Vaccination Data

### RSA DAILY VACCINATIONS (ALL VAX)



### RSA CUM VACCINATIONS

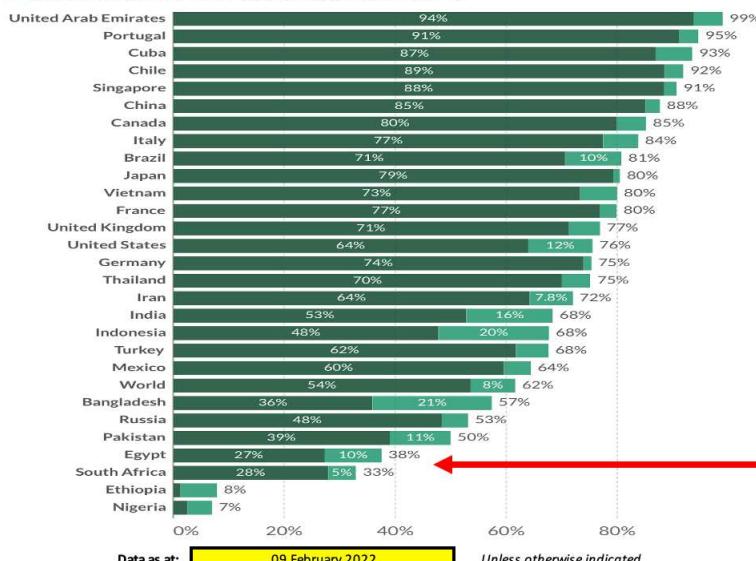
LATEST GOVT TARGET OF 41M BY END FEB 2022



Share of people vaccinated against COVID-19, Feb 8, 2022

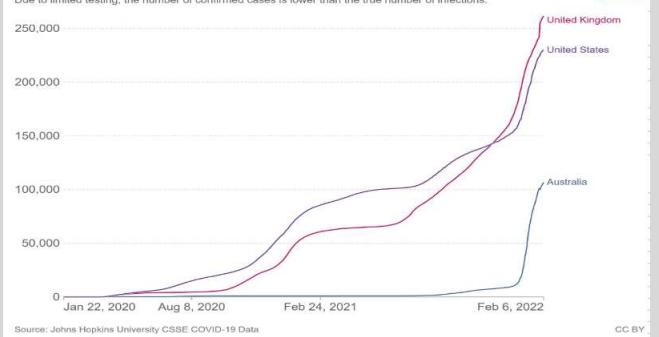
Our World in Data

Share of people fully vaccinated against COVID-19  
Share of people only partly vaccinated against COVID-19

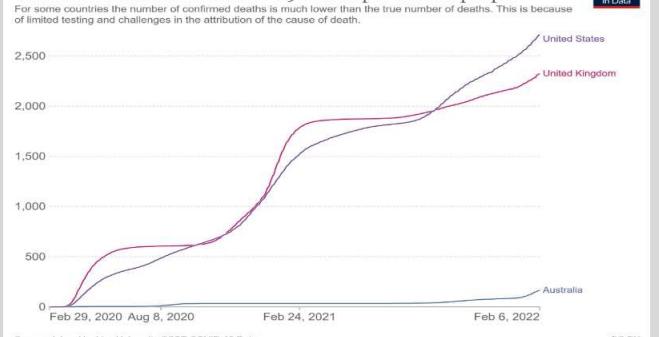


## Vaccine Efficacy

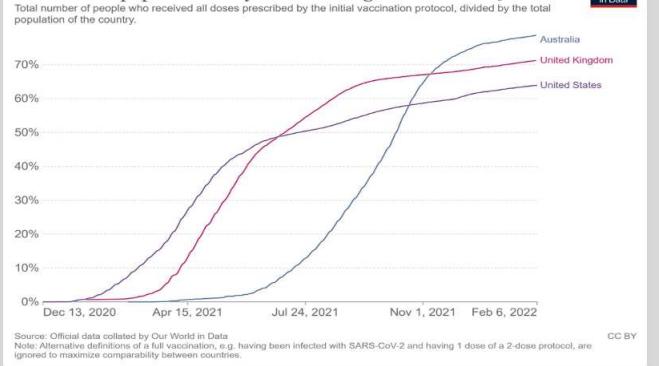
### Cumulative confirmed COVID-19 cases per million people



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



### Share of the population fully vaccinated against COVID-19



### COVID-19 Total Individual Adults Vaccinated Coverage Summary as at 17:00 08 Feb 2022

One dose J&J/single dose regimen) or Pfizer/two dose regimen) first dose administered

(Excluding 12 - 17 Years)

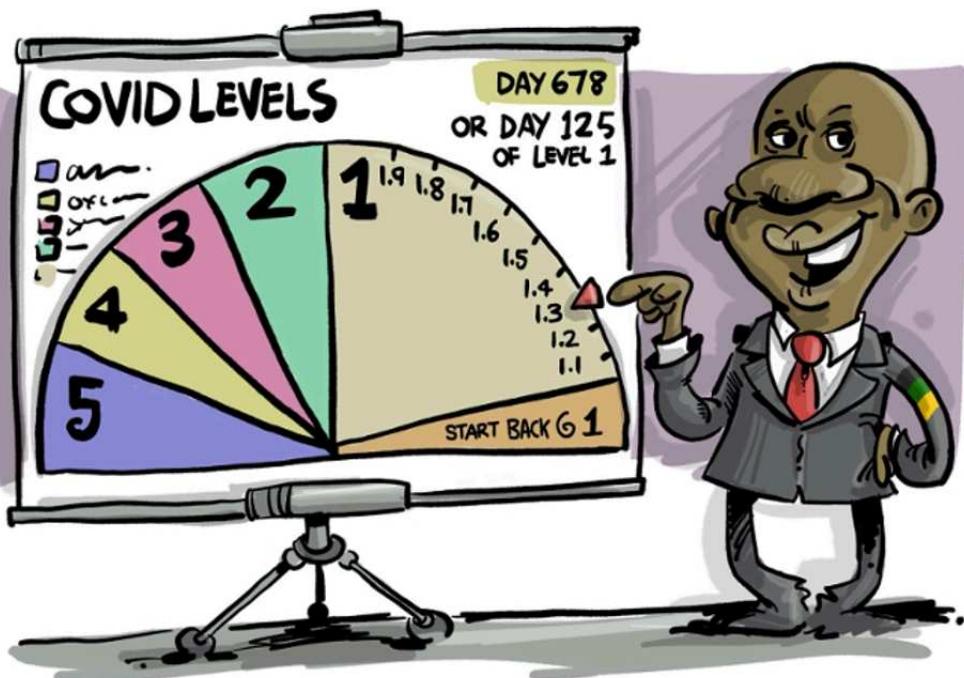
Total Adult Population [18 Years and Older] (1)			
39,798,201		Individuals Vaccinated as a % of the Adult Population (3)	
Total Number of Adult Individuals Vaccinated (2)	18,687,469	46.96%	
Total Number of Adult Individuals Vaccinated	Individuals Vaccinated as a % of the Adult Population	Total Number of Adult Individuals Vaccinated	Individuals Vaccinated as a % of the Adult Population
Eastern Cape	51.42%	Eastern Cape	51.42%
Free State	55.64%	Free State	55.64%
Gauteng	44.19%	Gauteng	44.19%
KwaZulu-Natal	40.38%	KwaZulu-Natal	40.38%
Limpopo	53.62%	Limpopo	53.62%
Mpumalanga	40.94%	Mpumalanga	40.94%
North West	45.97%	North West	45.97%
Northern Cape	48.29%	Northern Cape	48.29%
Western Cape	54.72%	Western Cape	54.72%
<b>Total</b>	<b>18,687,469</b>	<b>39,798,201</b>	<b>46.96%</b>
Age Group			
Total Number of Individual Adults Vaccinated		Total Adult Population [18 Years & Older]	Individuals Vaccinated as a % of the Adult Population
18-34	5,944,661	17,788,511	33.42%
35-49	5,979,849	16,686,537	51.17%
50-59	3,049,060	4,017,271	63.29%
60+	3,709,799	5,505,482	67.38%
Unidentified	4,100	0	0.00%
<b>Total</b>	<b>18,687,469</b>	<b>39,798,201</b>	<b>46.96%</b>

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A smile is the best vaccine....



I'M GLAD TO SAY WE'VE MOVED  
DOWN TO LEVEL 1.3!!



TOF/DAILYFRIEND.CO.ZA

© DAVID

WHEN YOU SEE A CLAIM THAT A  
COMMON DRUG OR VITAMIN "KILLS  
COVID-19 IN A PETRI DISH,"

KEEP IN MIND:



SO DOES A HANDGUN.