

HarryG COVID-19 StatsPack

Deteriorating

Improving

Against
Previous Day

Page 1

Cum Cases		Daily Cases	
3 709 209	2 120		
Still Active +Cases	Cum Cases p mill PoP	Cum Deaths p mill PoP	
13 765	61 946	1850	
Deaths Ages	Deaths	Deaths	
Avg Median	Min Age	Max Age	
62,2	52,6	0,2	108

RSA COVID-19 DASHBOARD as at: 25-Mar-22

Daily Still in Hospital

2017

Case Fatality Rates (CFR):
Reported Cases Hospital Cases

2,99% 19,93%

% of RSA PoP who have died to date :
Reported Deaths Incl Excess Deaths

0,18% 0,50%

Cum Deaths Yesterday

110 750 15

Cases Deaths CFR Hospitalised

56,4% 51,5% 2,52% 55,3%

43,6% 48,5% 3,07% 44,7%

Female : 20-Mar

Male :

Vaccinations:

Daily Avg

84 723

Total

33 296 217

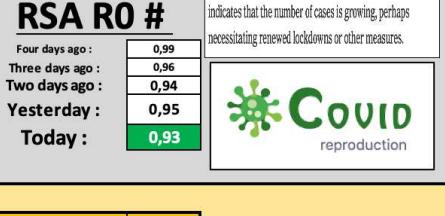
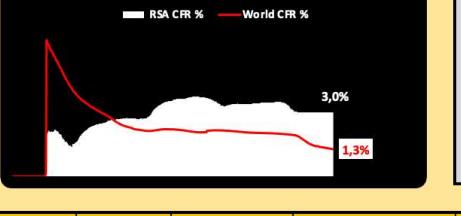
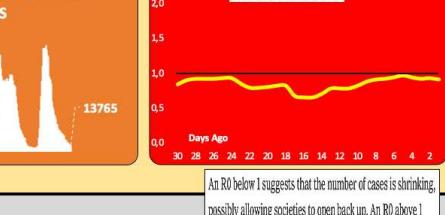
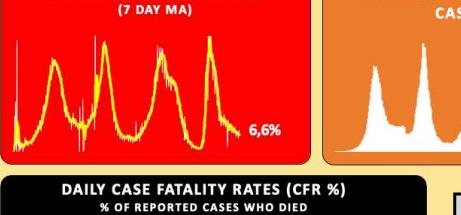
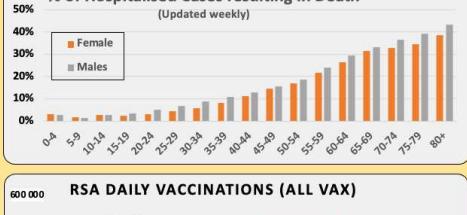
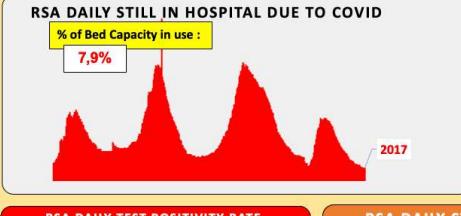
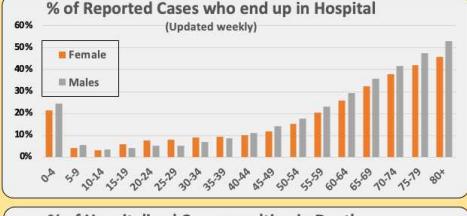
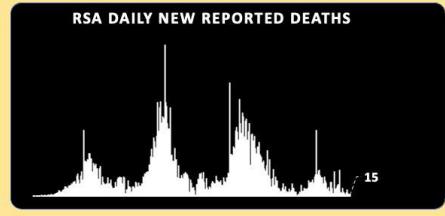
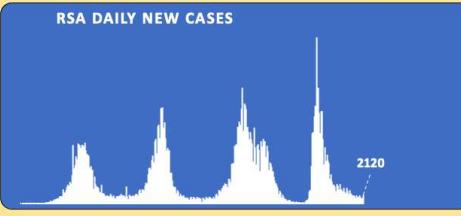
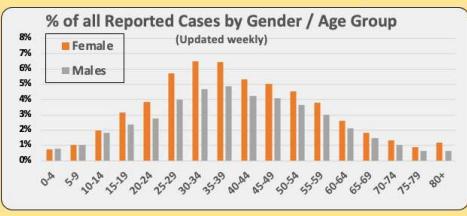
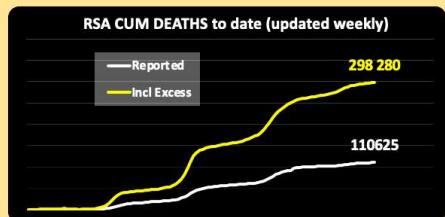
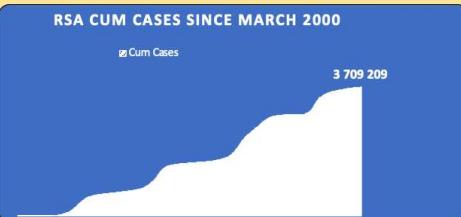
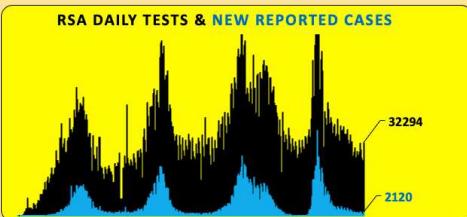
Cum Tests

23 676 087

Daily Tests

32 294

Daily Test Positivity Rate: 6,6%



% of adult PoP VAXXED:	RSA	Gauteng	KZN	E/Cape	W/Cape	Free State	Limpopo	Mpumalanga	N/West	N/Cape
	48,3%	45,7%	41,8%	52,5%	55,8%	57,6%	54,8%	42,5%	47,2%	49,5%

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 R0

Four days ago :	0,99
Three days ago :	0,96
Two days ago :	0,94
Yesterday :	0,95
Today :	0,93

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

Data as at: 24 March 2022

Unless otherwise indicated

hdg

25 March 2022

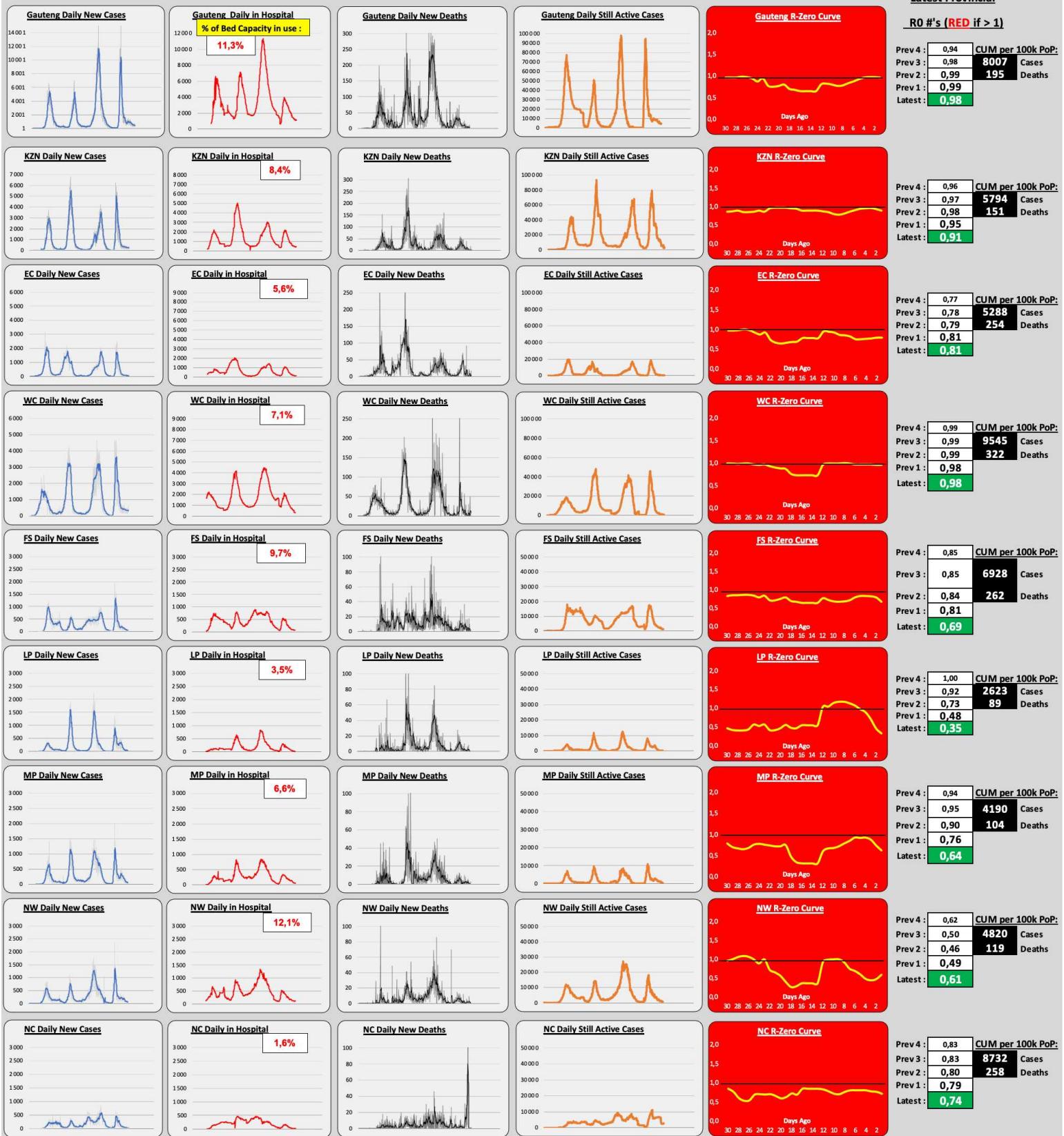
(Updated weekly)

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

Latest Provincial

R0 #'s (RED if > 1)

Prev 4 :	0,94	CUM per 100k PoP:
Prev 3 :	0,98	8007 Cases
Prev 2 :	0,99	195 Deaths
Prev 1 :	0,99	
Latest :	0,98	



Data as at: 24 March 2022

Unless otherwise indicated

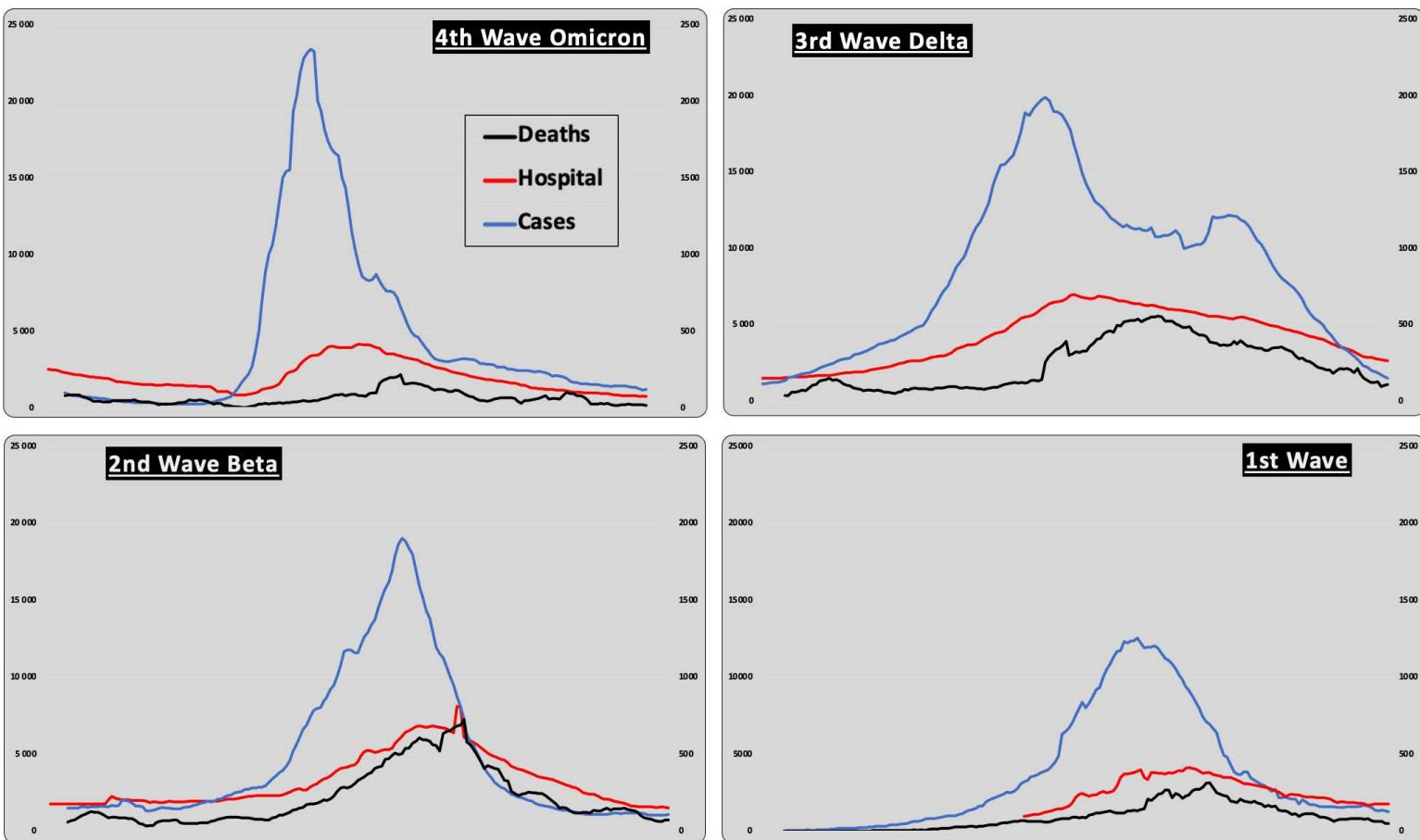
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25 March 2022

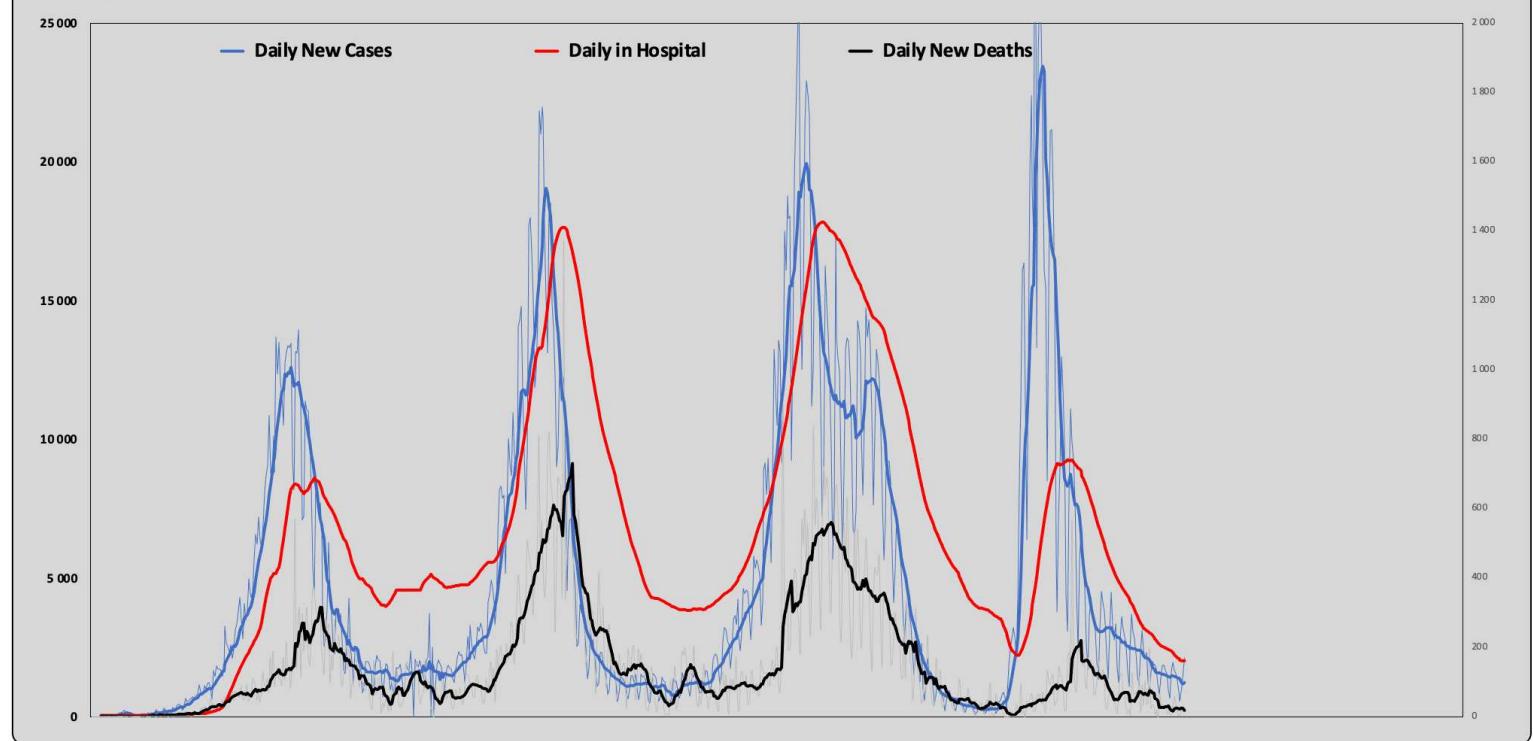
R-ZERO data sourced from: REPRODUCTION.LIVE

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

Page 2



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



Data as at:

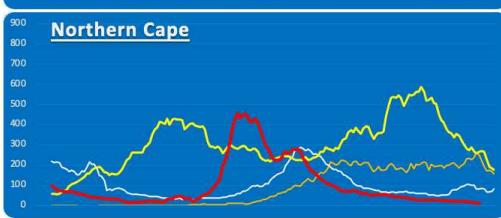
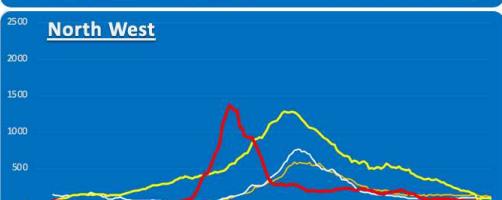
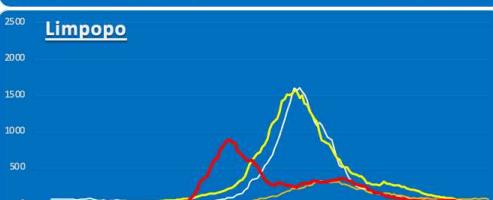
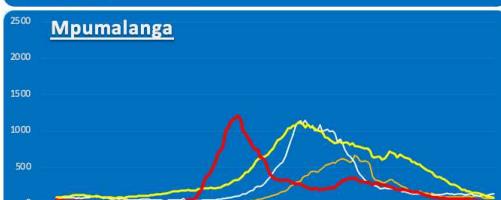
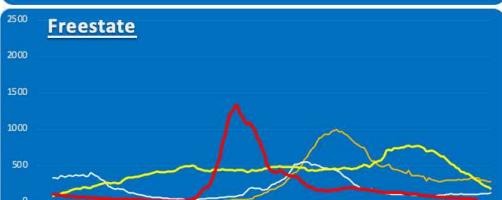
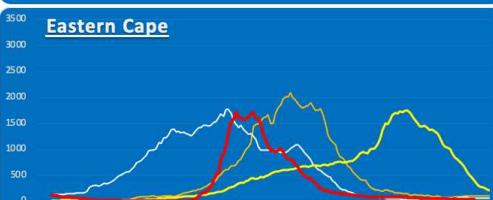
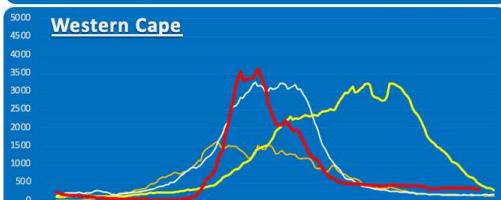
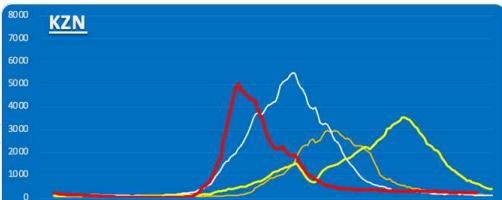
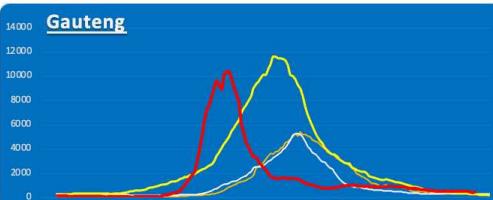
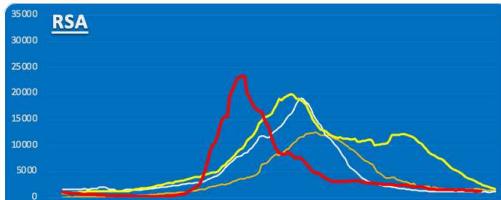
24 March 2022

Unless otherwise indicated

hdg 25 March 2022

1st / 2nd / 3rd & 4th WAVE OVERLAYS (DAILY CASES & DAILY STILL HOSPITALISED)

Page 2.1

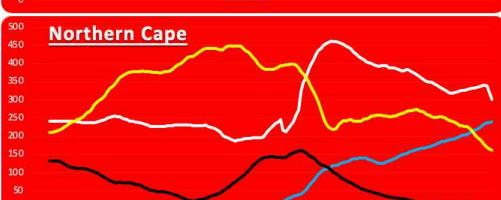
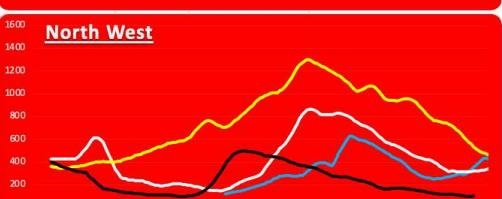
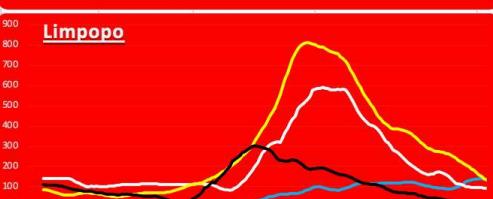
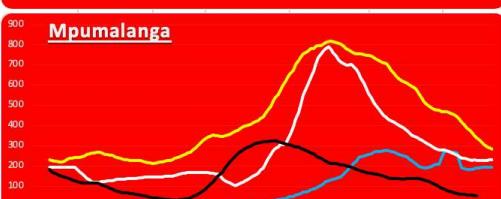
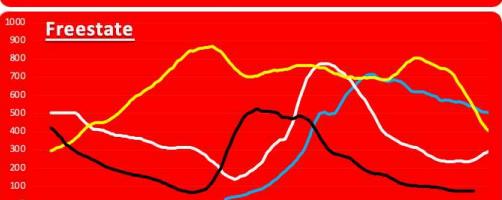
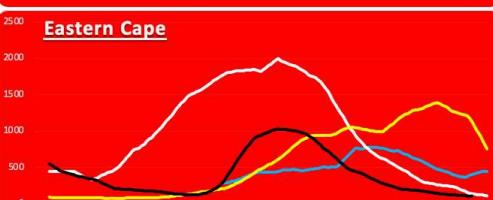
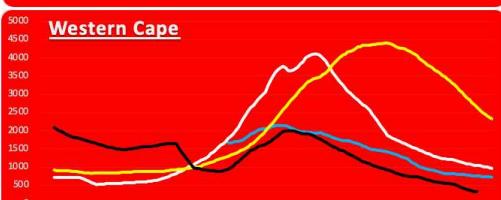
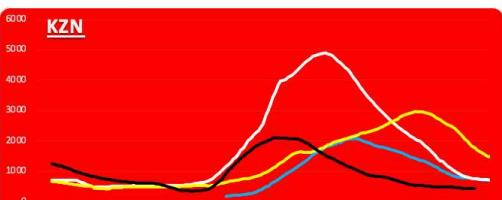
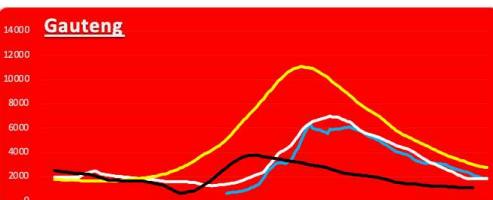
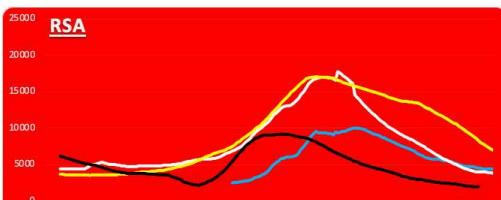


CASES

7 Day MA

- 1st Wave
- 2nd Wave
- 3rd Wave
- 4th Wave

All the OVERLAYS are presented using each waves' curve on the same 6 months cycle. Every Wave appears to be approx 6 months duration. This gives a good indication of Rate of Onset as well.



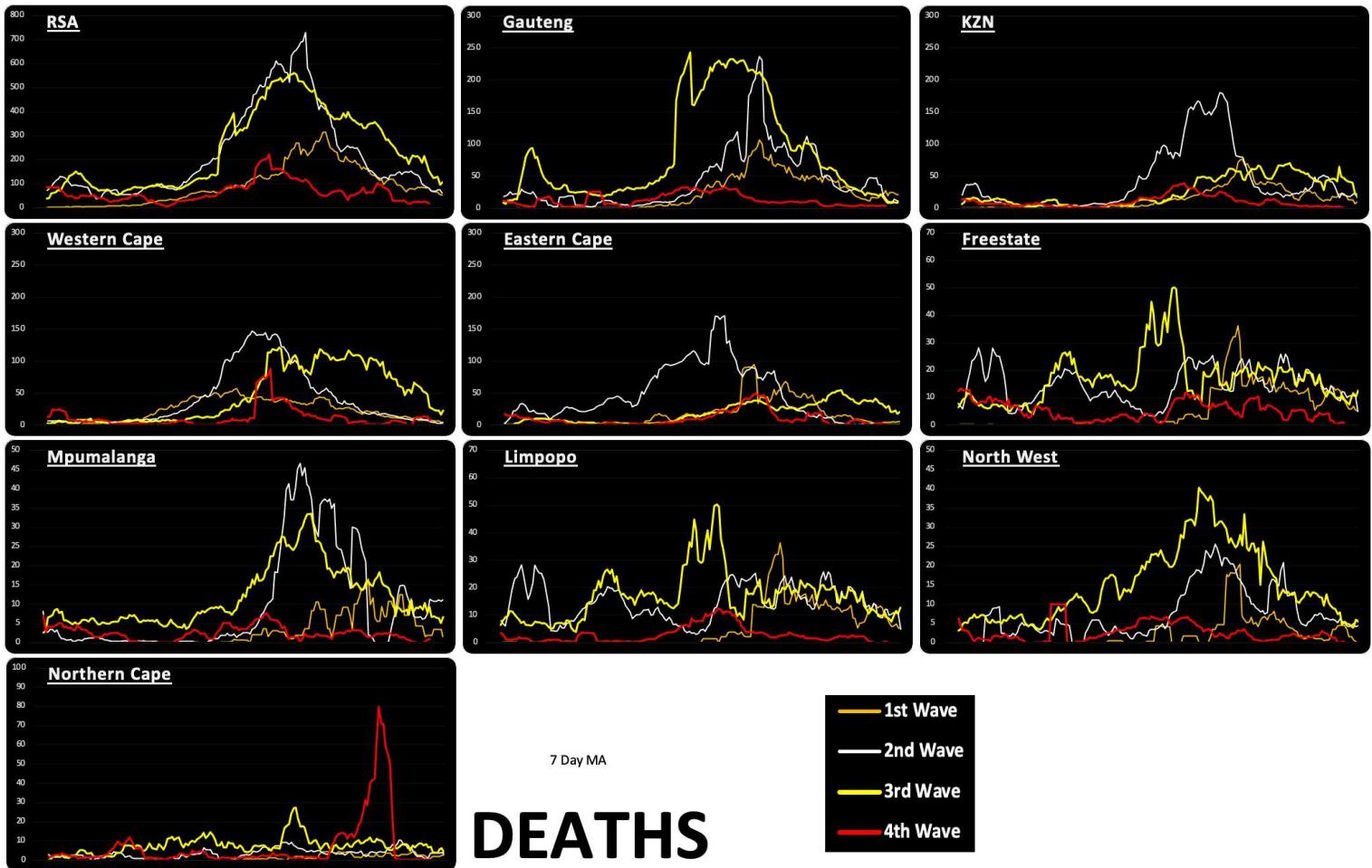
HOSPITALISED

7 Day MA

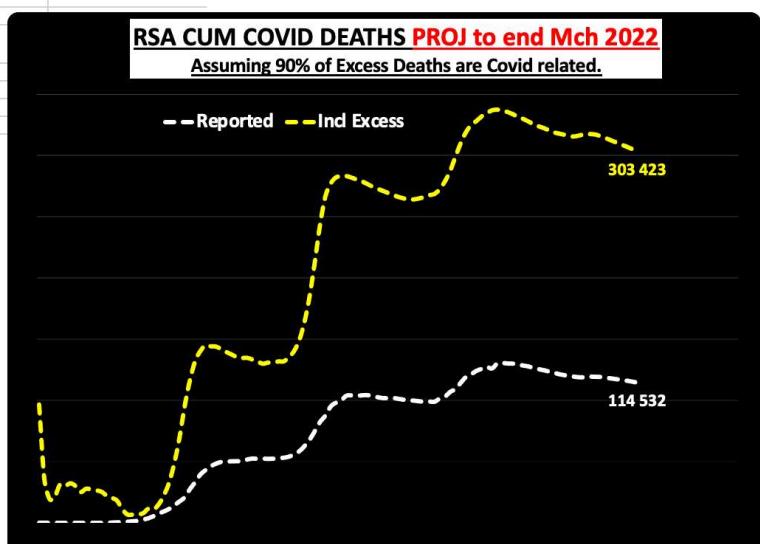
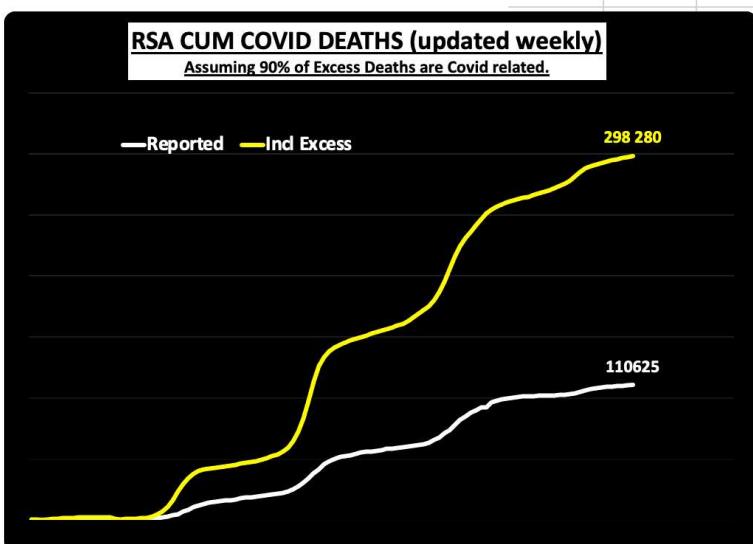
- 1st Wave
- 2nd Wave
- 3rd Wave
- 4th Wave

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

Page 2.2

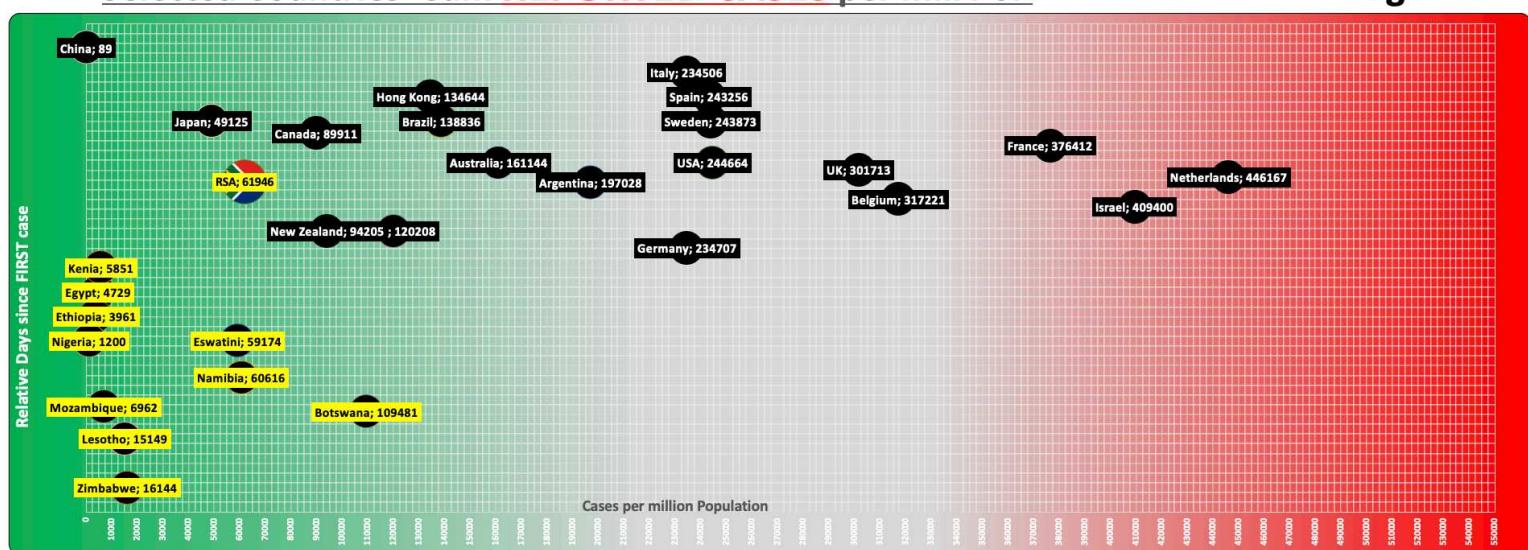


RSA Cum & Projected Deaths (Reported & Incl Excess)

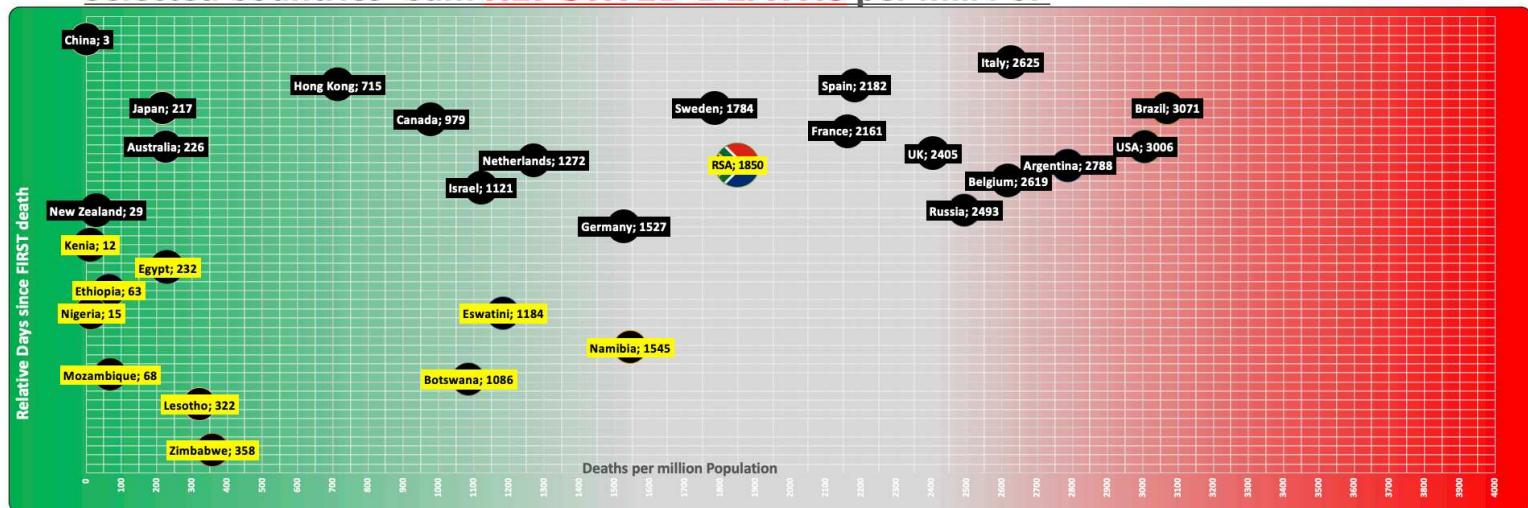


Selected Countries' Cum **REPORTED CASES** per mill PoP

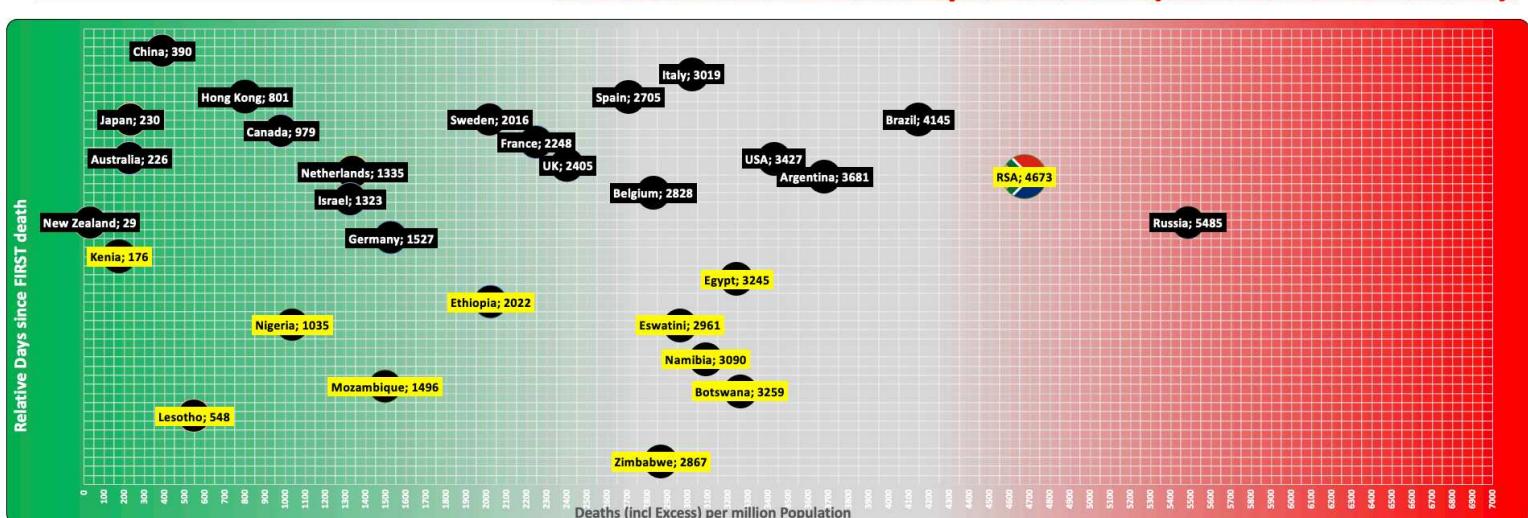
Page 2.3



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



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



Data as at: 24 March 2022

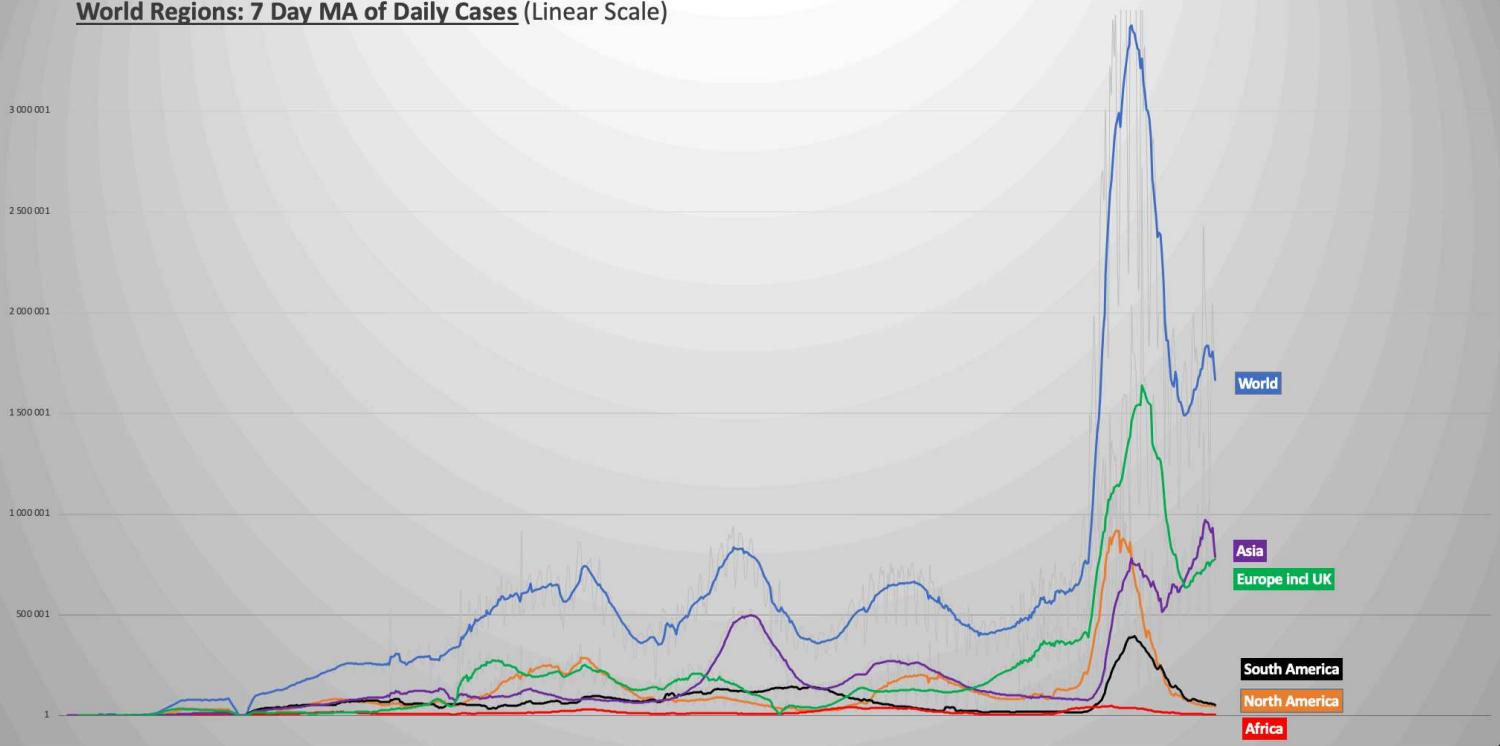
* Excess Deaths %'s as per OurWorldinData & The Economist Magazine

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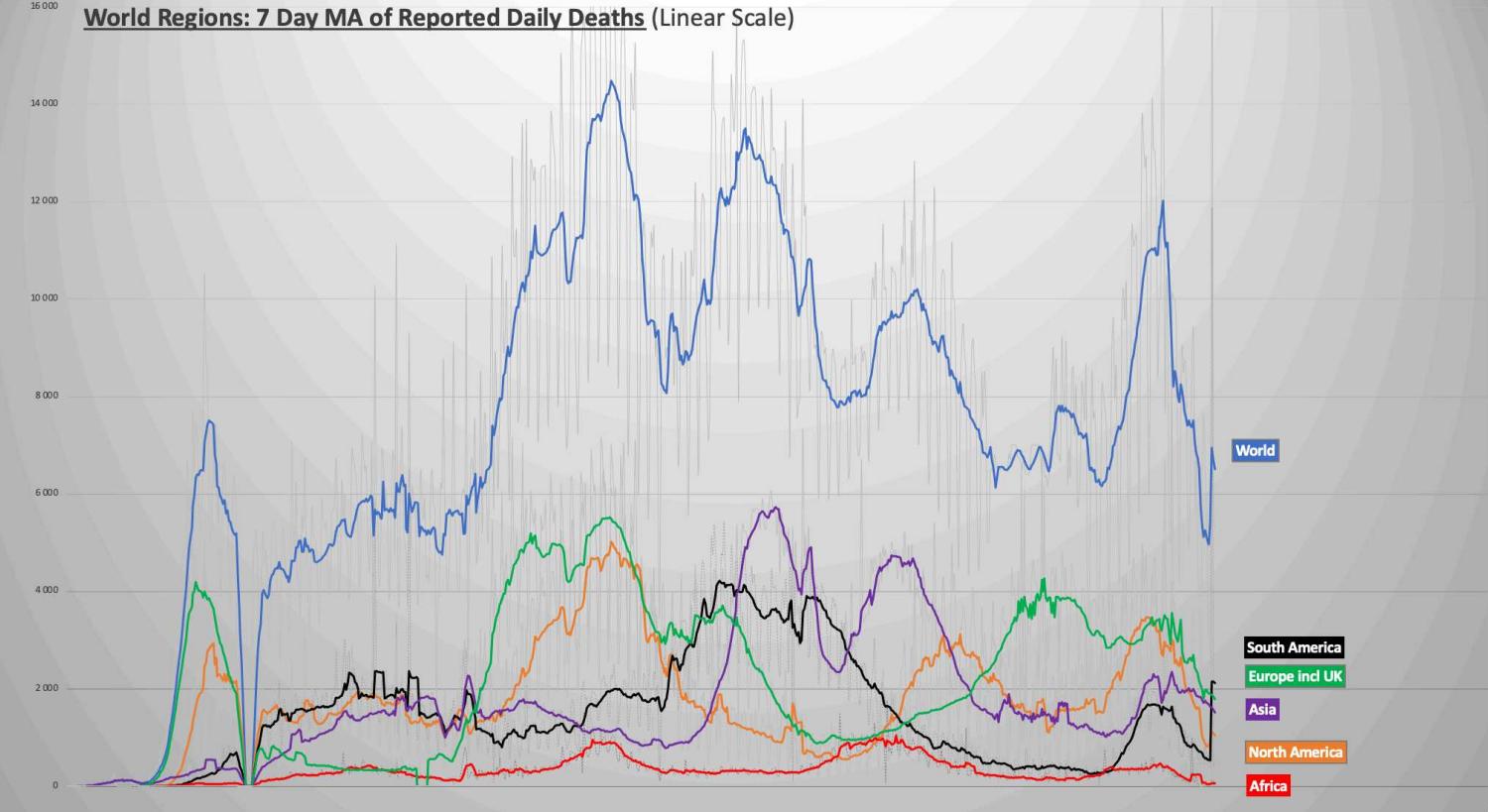
7 Day Moving Average of Daily Reported Deaths & Cases by World Region

Page 3.0

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

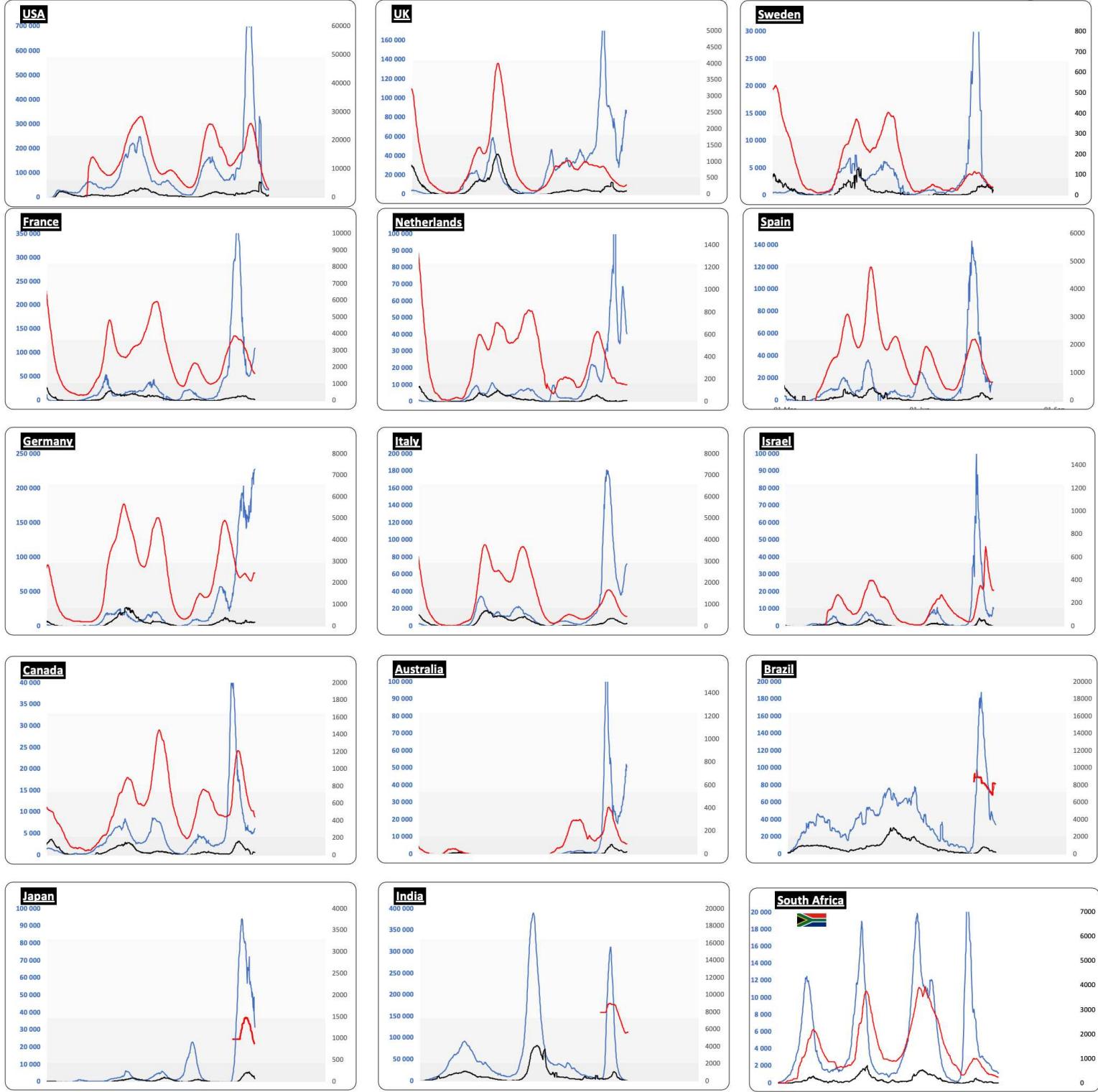


World Regions: 7 Day MA of Reported Daily Deaths (Linear Scale)



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

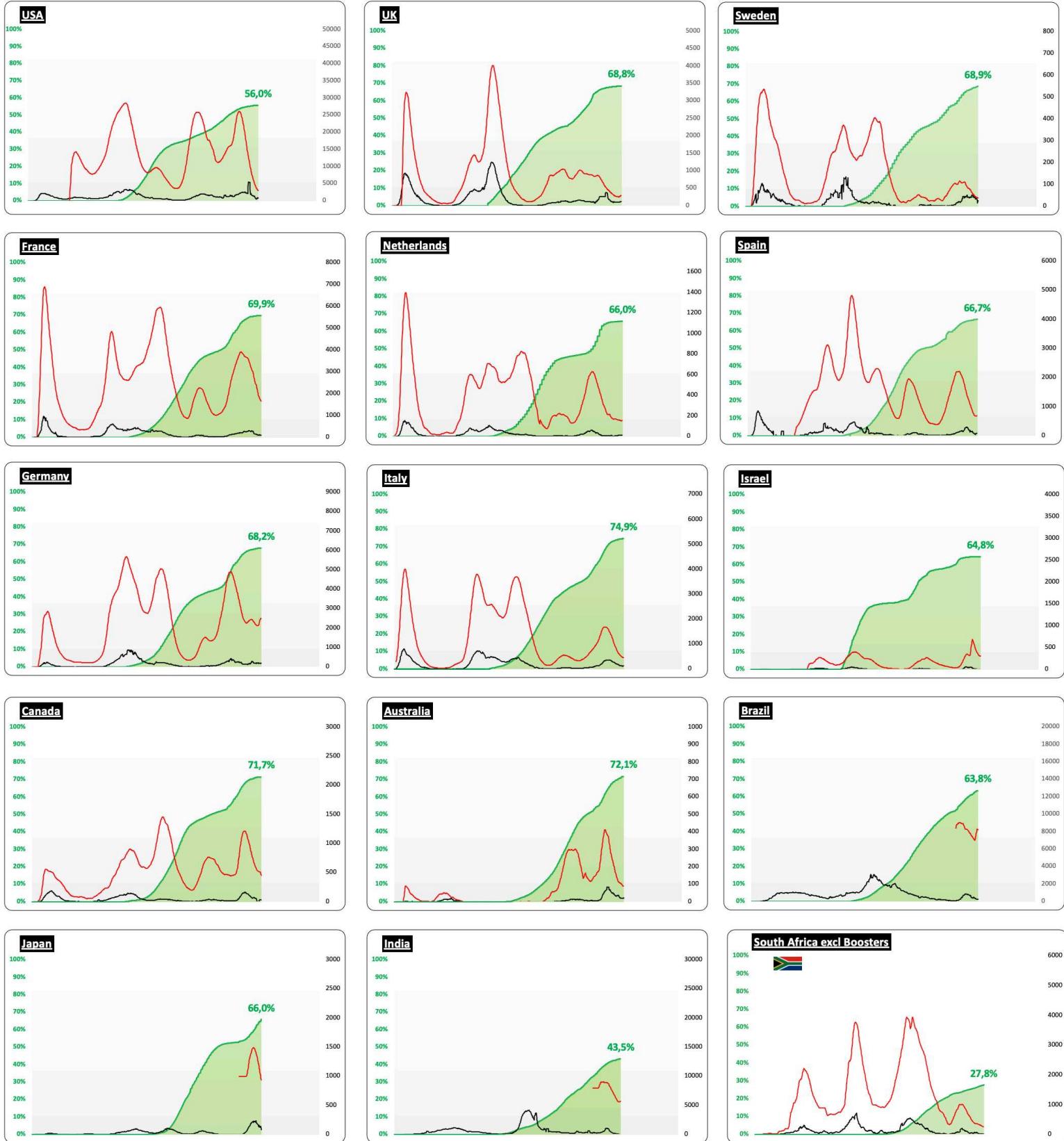
Page 3.1



Data as at: 24 March 2022 Unless otherwise indicated

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Selected Countries' % Fully Vaxed incl Booster, In ICU & Reported Daily Deaths (7 Day MA) Page 3.2



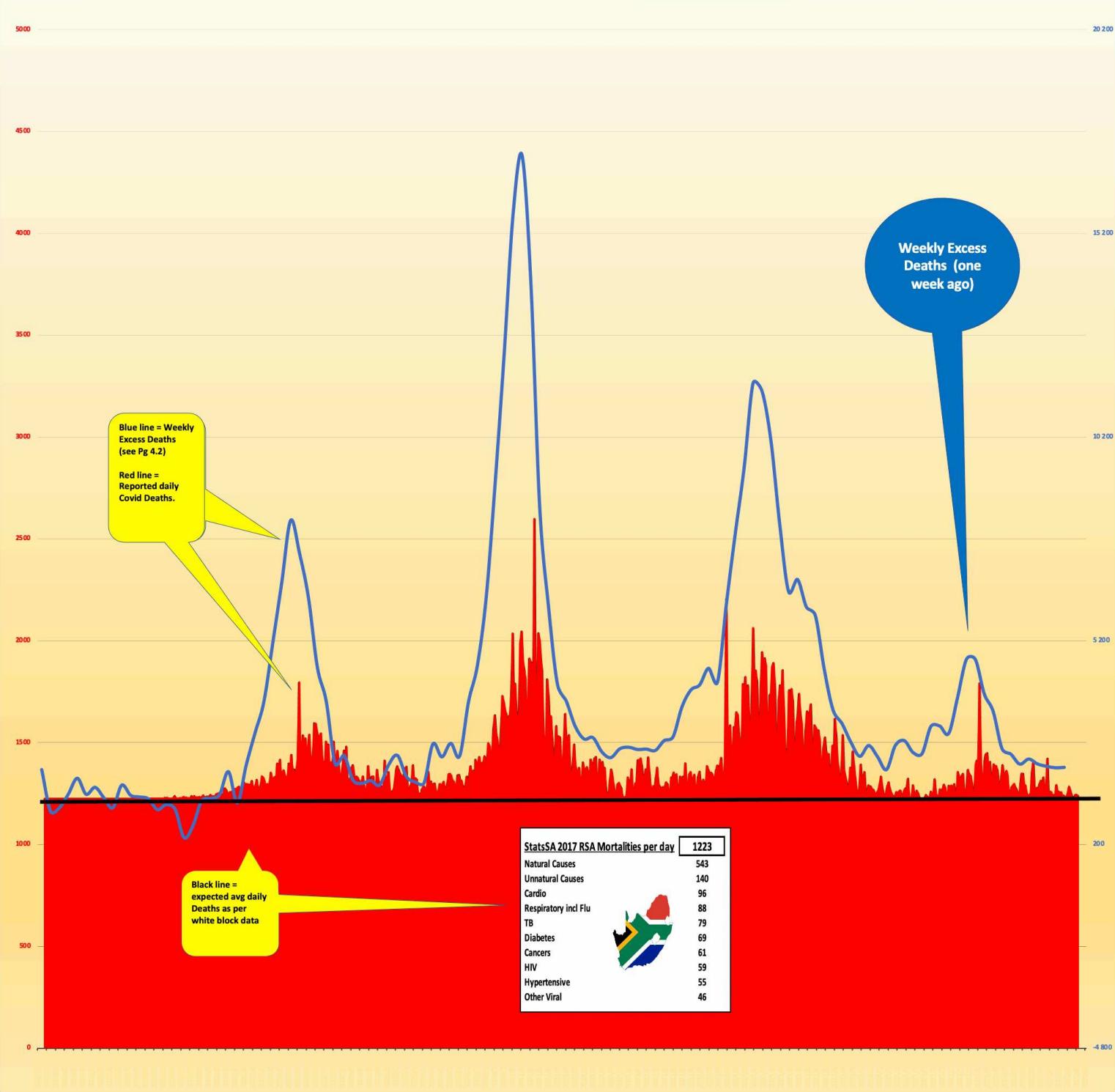
Data as at: 24 March 2022 Unless otherwise indicated

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The graph below is an attempt to put the number of Covid Deaths into some sort of perspective graphically.
The big RED block below the black line is TOTAL Daily Avg Deaths from ALL causes.

The RED area/line on top of the red block is 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 v Excess Deaths (Linear Scales)



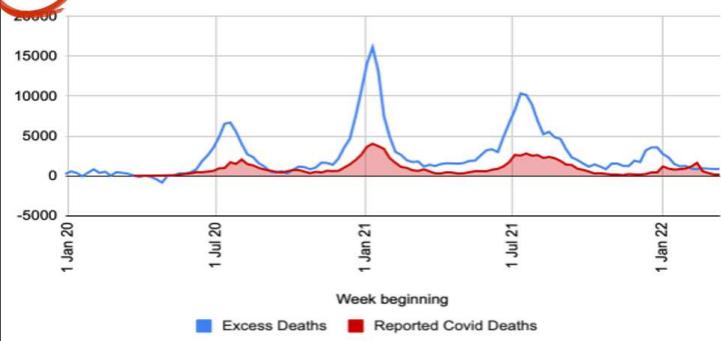
RSA Excess Deaths as per SA Medical Research Council

As at :

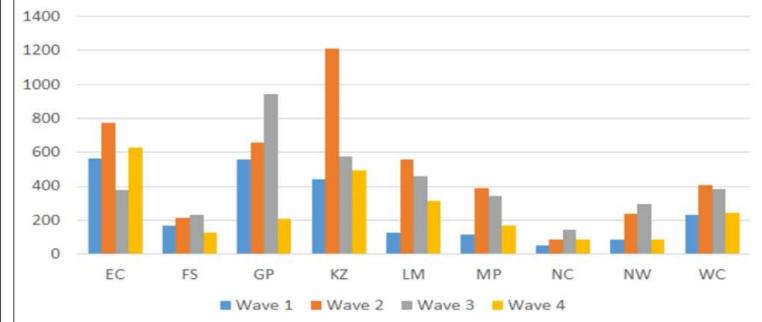
19 March 2022

Page 4.1

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

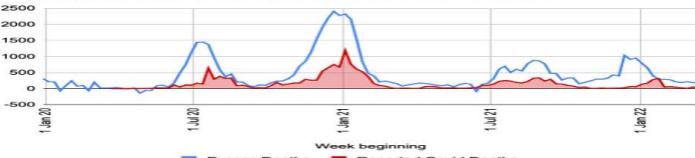


Excess deaths per week, by wave



Provinces

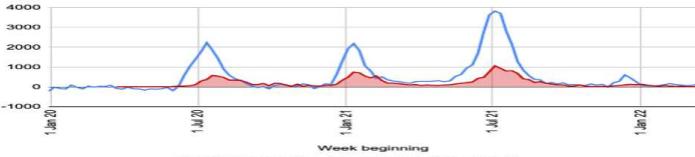
EC (Natural) Excess Deaths and Reported Covid-19 Deaths



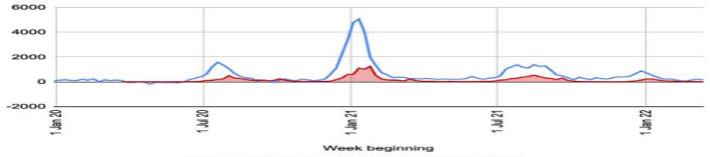
FS (Natural) Excess Deaths and Reported Covid-19 Deaths



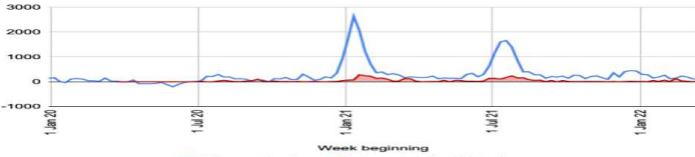
GT (Natural) Excess Deaths and Reported Covid-19 Deaths



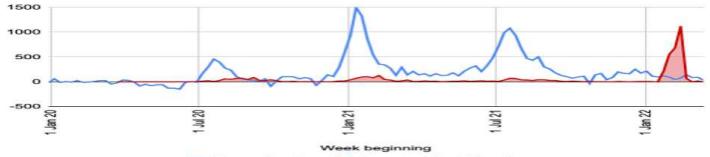
KZ (Natural) Excess Deaths and Reported Covid-19 Deaths



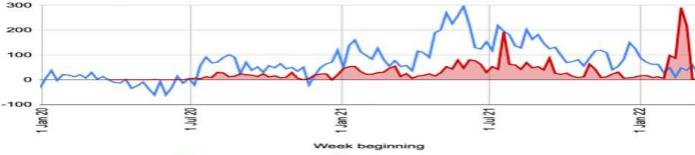
LM (Natural) Excess Deaths and Reported Covid-19 Deaths



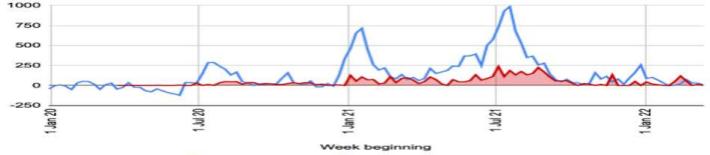
MP (Natural) Excess Deaths and Reported Covid-19 Deaths



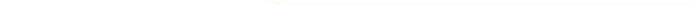
NC (Natural) Excess Deaths and Reported Covid-19 Deaths



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



WVC (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).

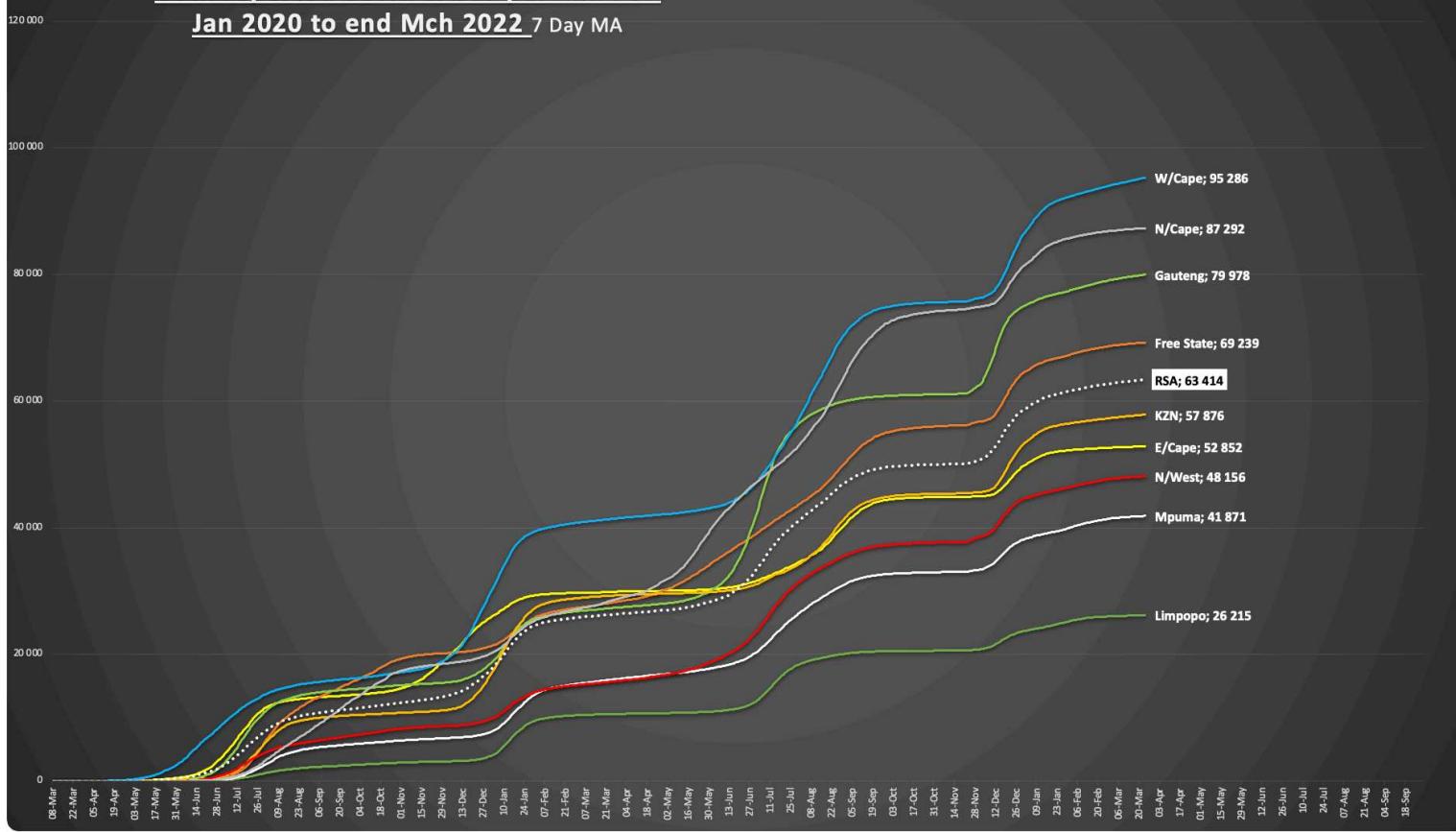
Data as at: 19 March 2022

Unless otherwise indicated

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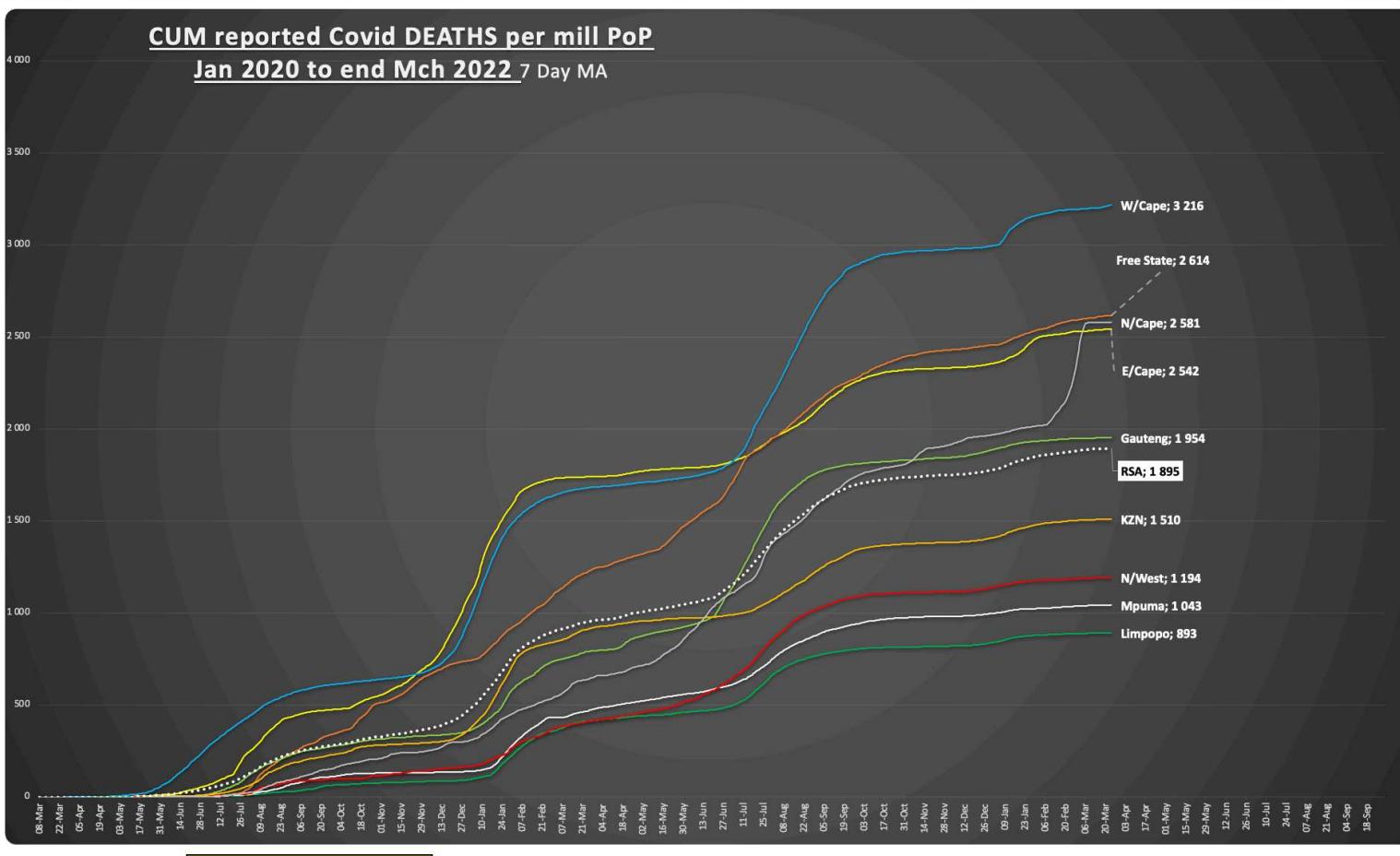
CUM reported Covid CASES per mill PoP

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

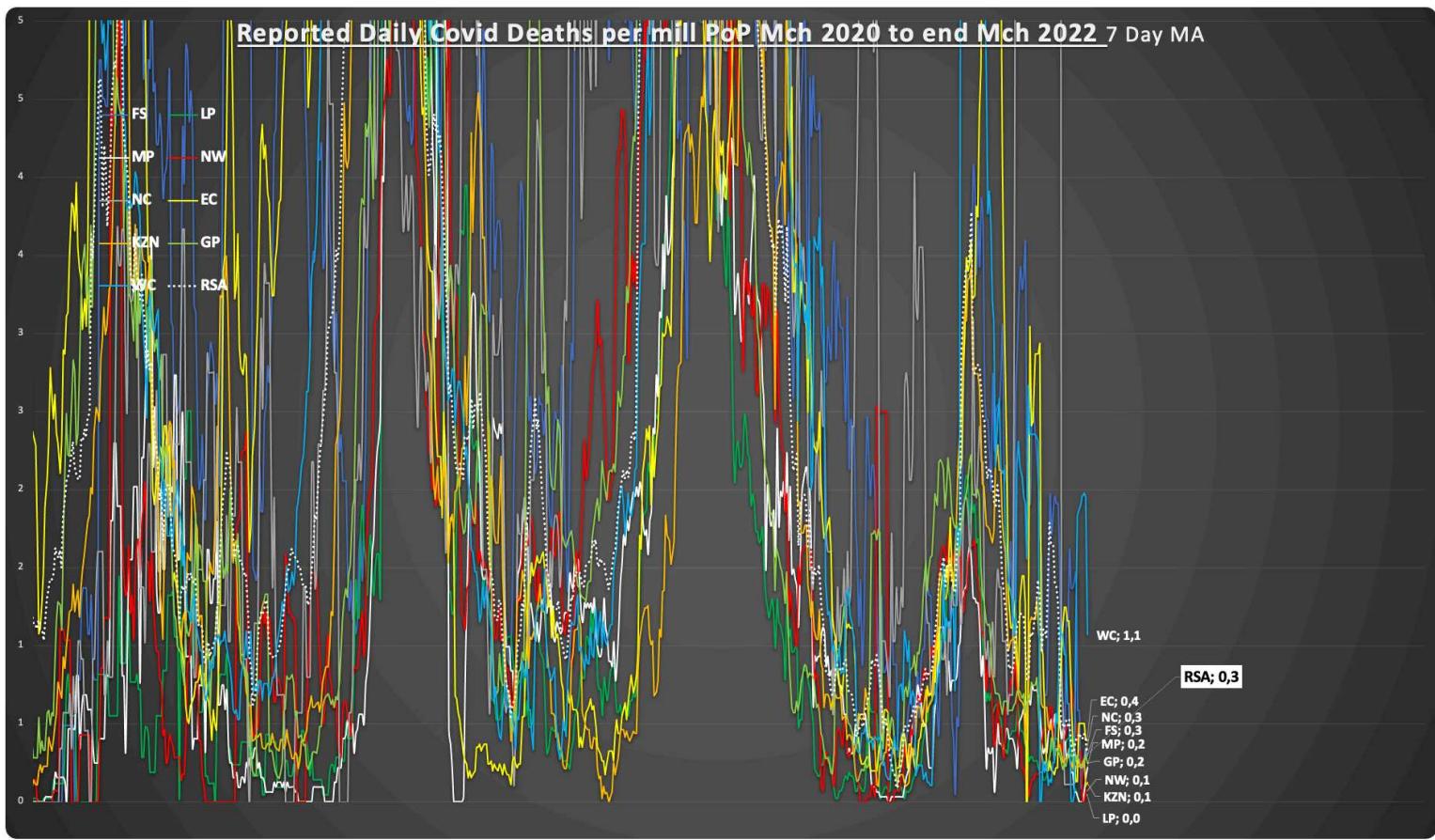
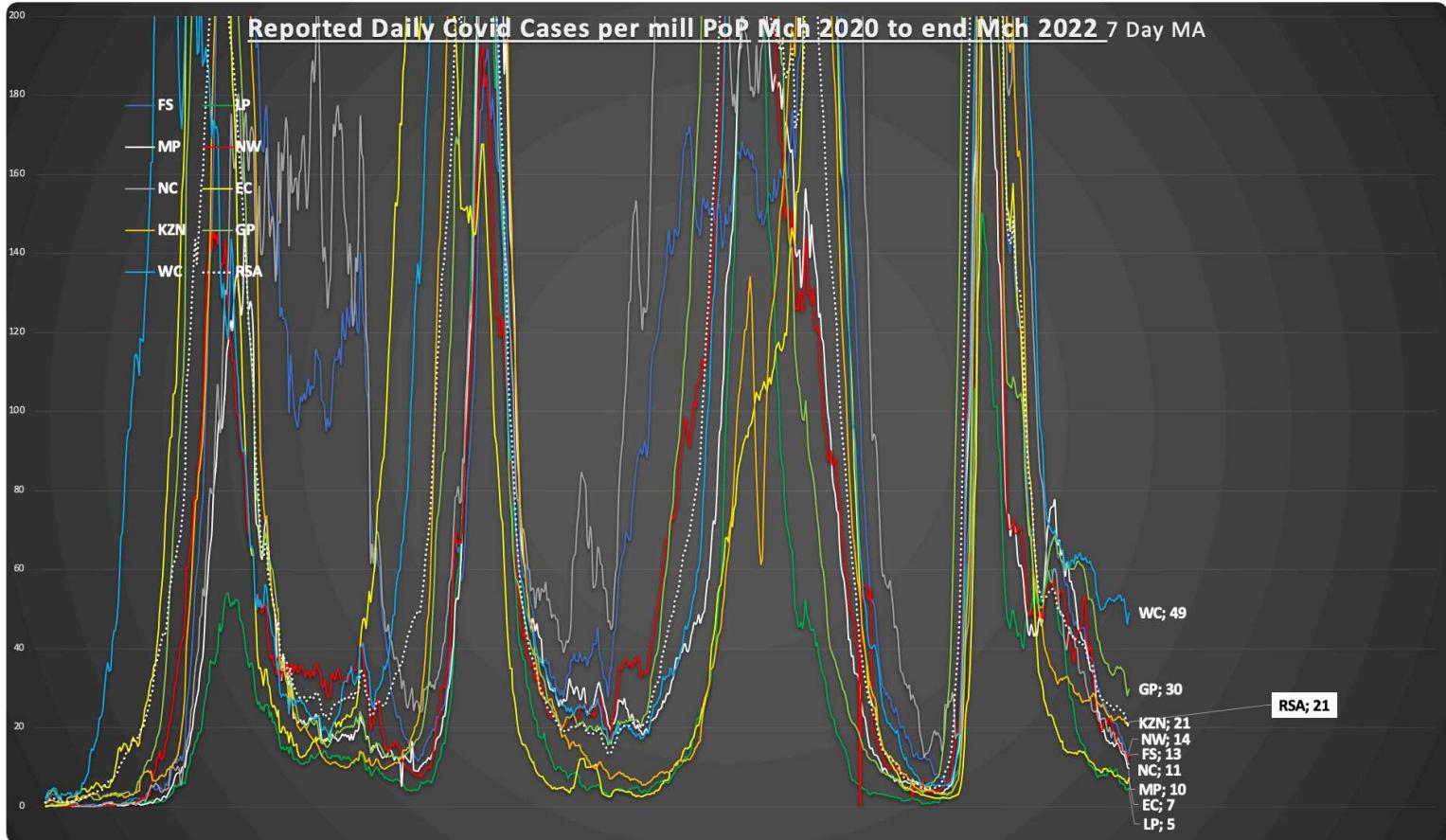


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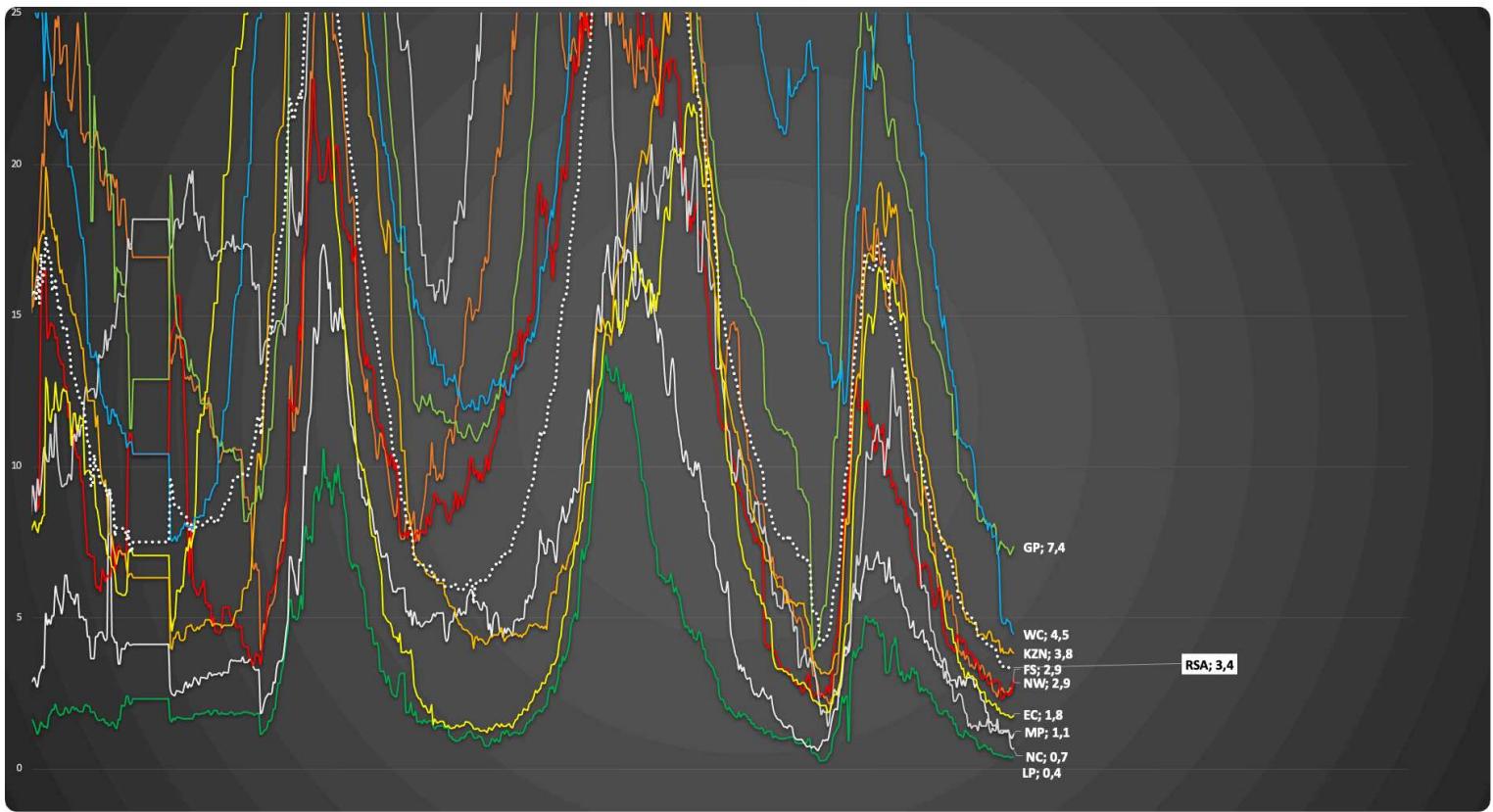
24 March 2022

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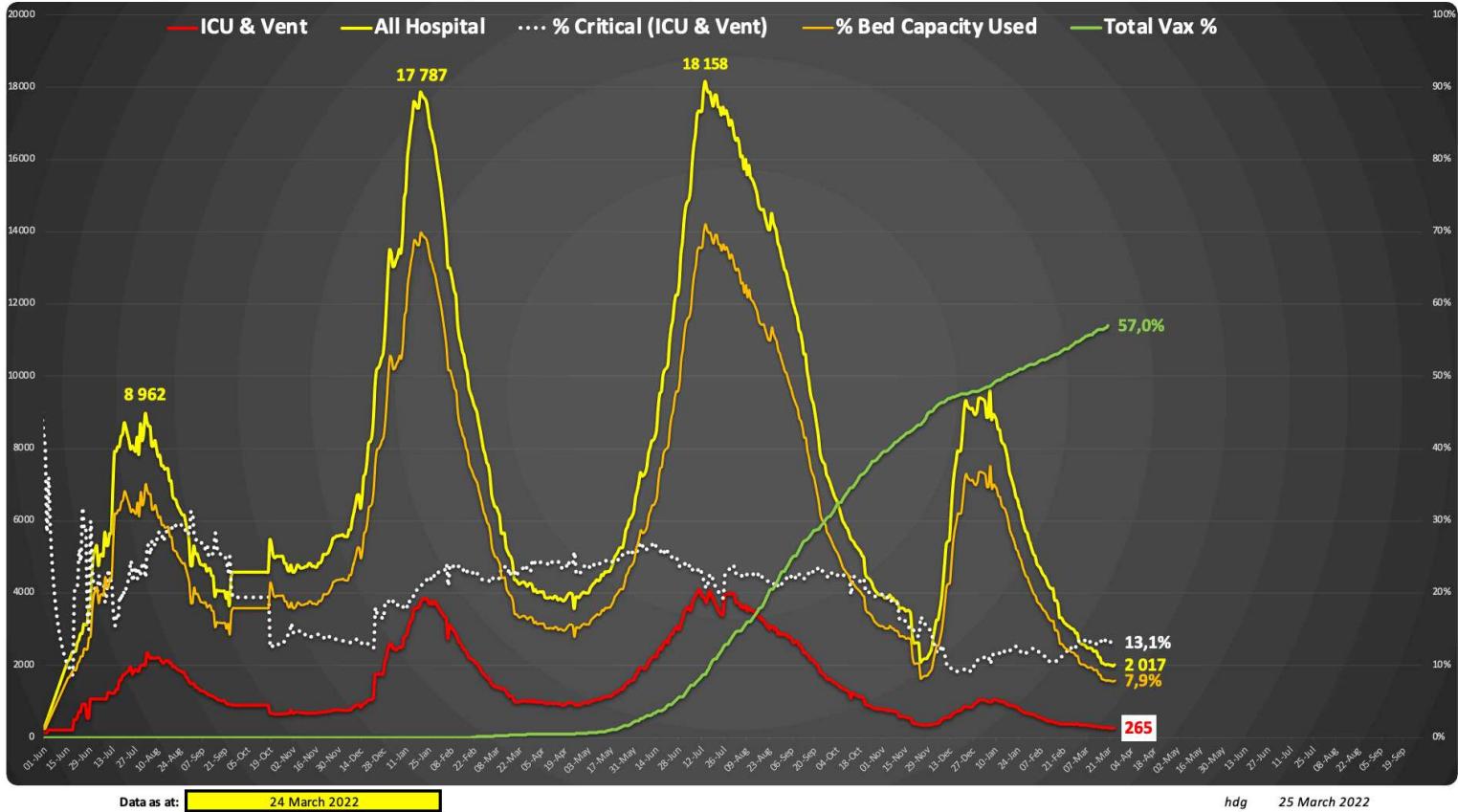
25 March 2022



RSA & Prov's Daily Still in Hospital per 100k Population

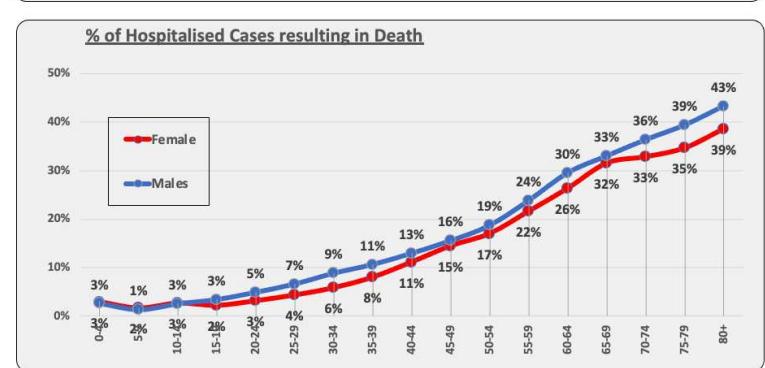
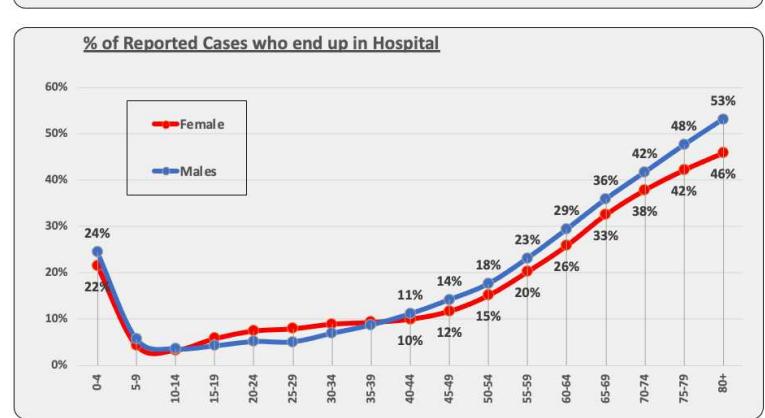
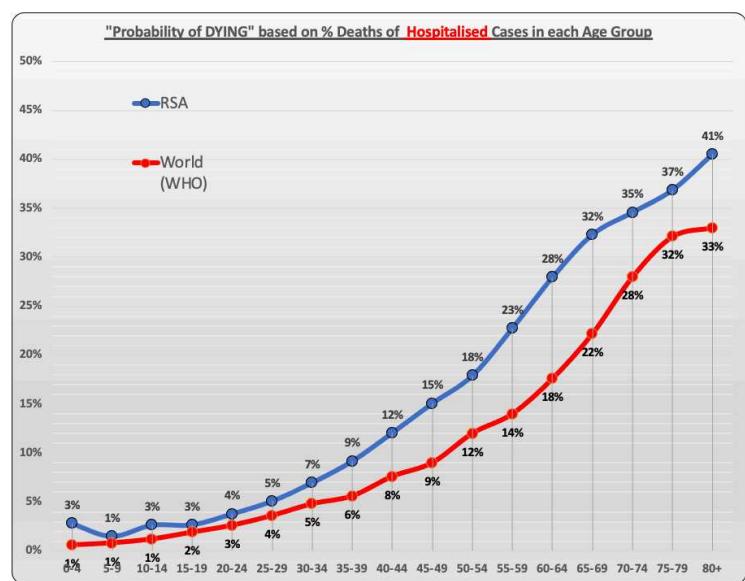
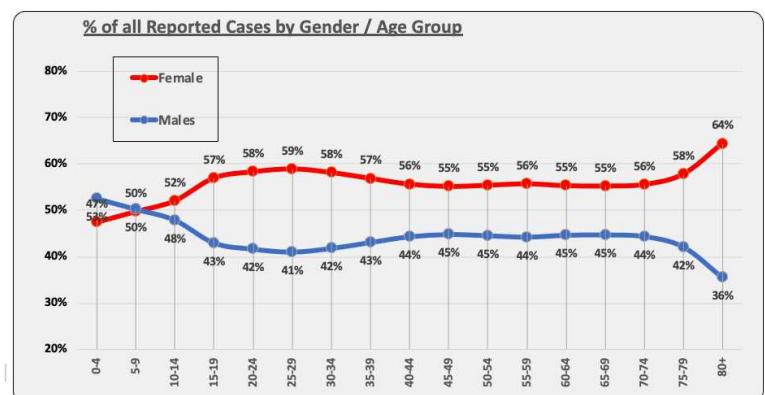
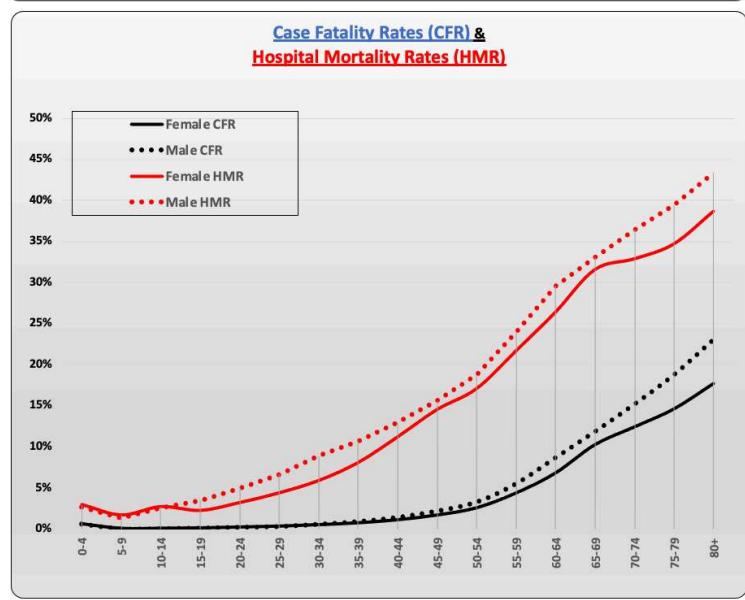
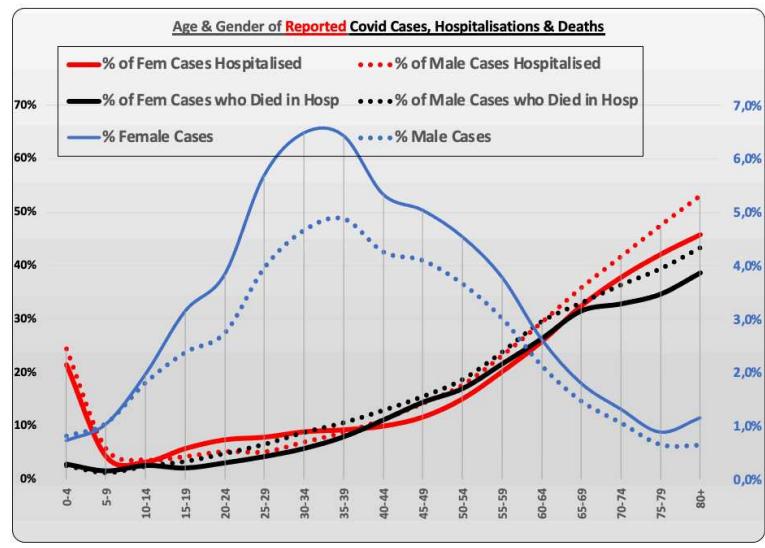
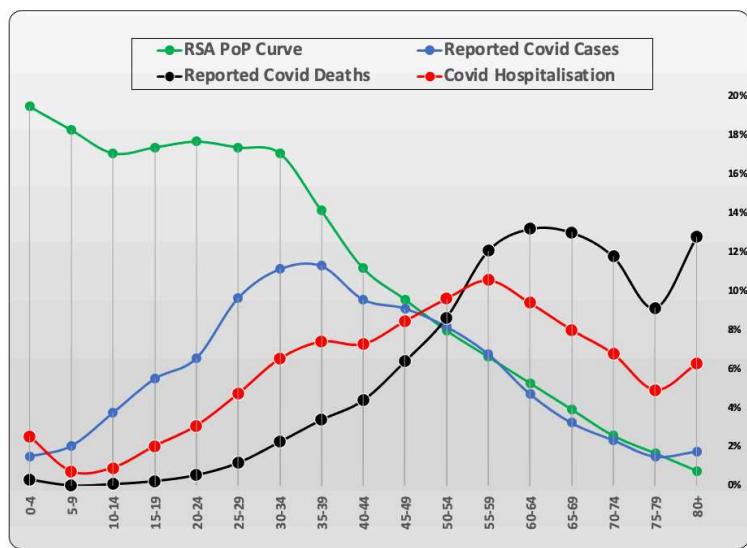


RSA Daily Covid Cases In Hospital v Vaxxing : Mch 2020 to end Mch 2022 (actual not MA)



RSA Age & Gender Stats

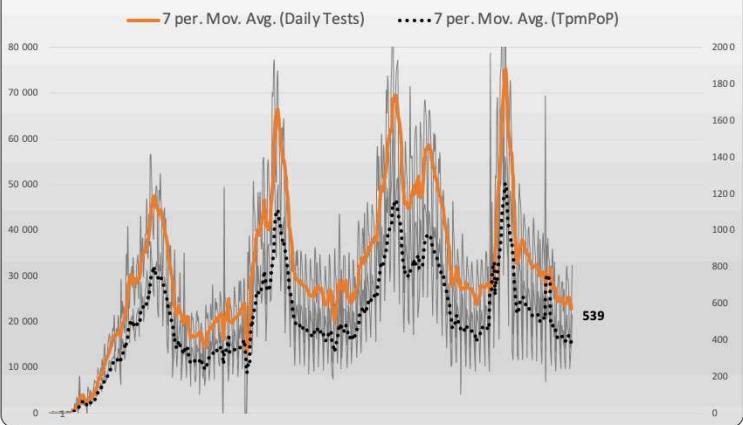
Page 6



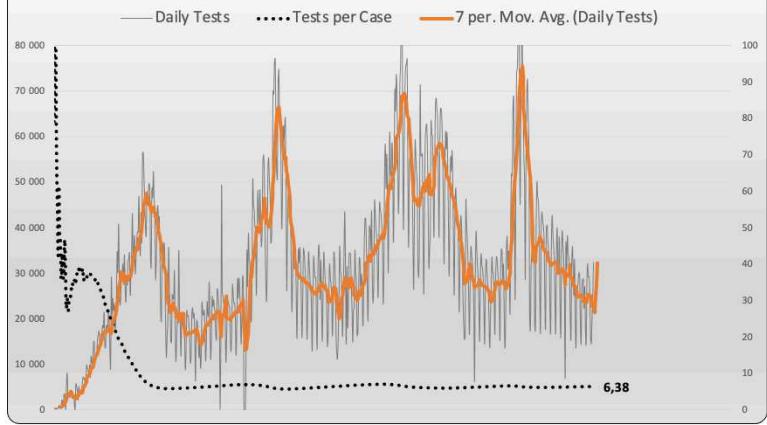
Data as at: 20 March 2022

hdg 25 March 2022

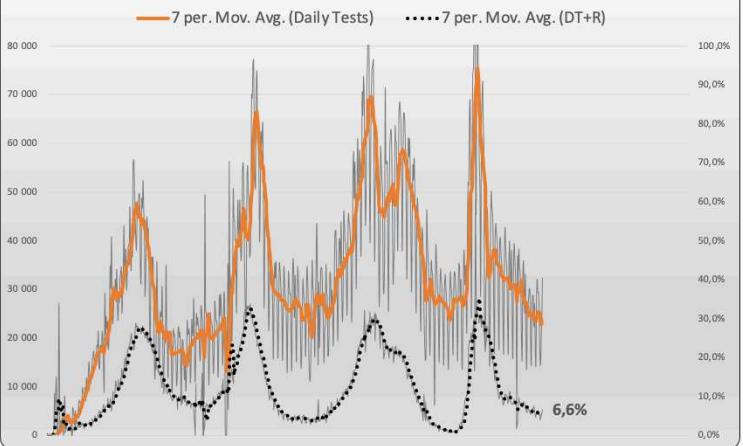
RSA: Daily Tests per million PoP



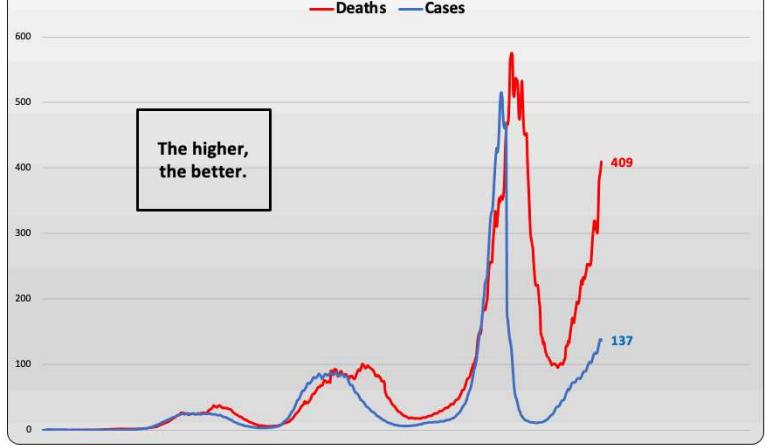
RSA: Daily Tests per +Case



RSA: Daily Tests Positivity %



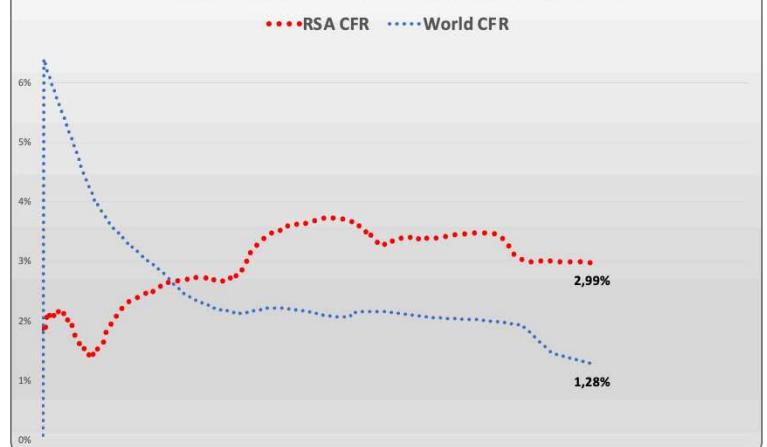
RSA Doubling Times in Days



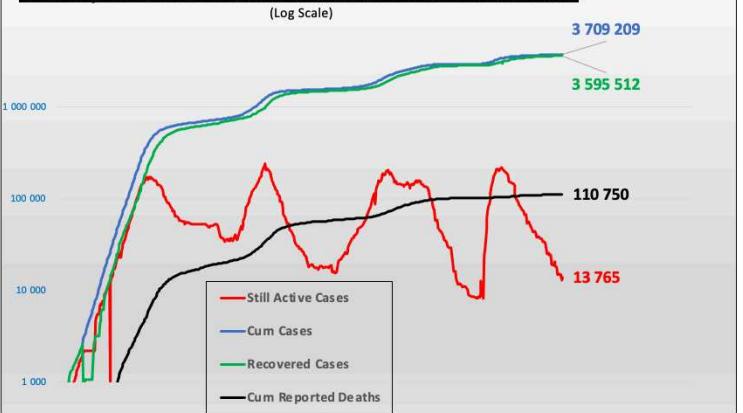
RSA: Case Recovery Rate (CRR) & PoP Covid Mortality Rate



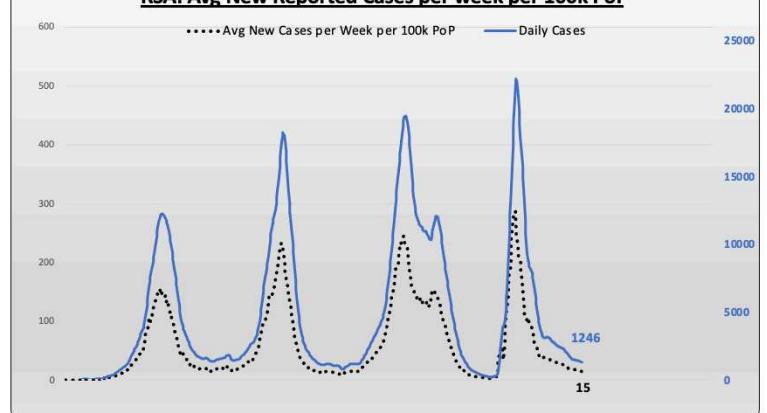
Covid Reported Deaths as % of Reported Cases (CFR)



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

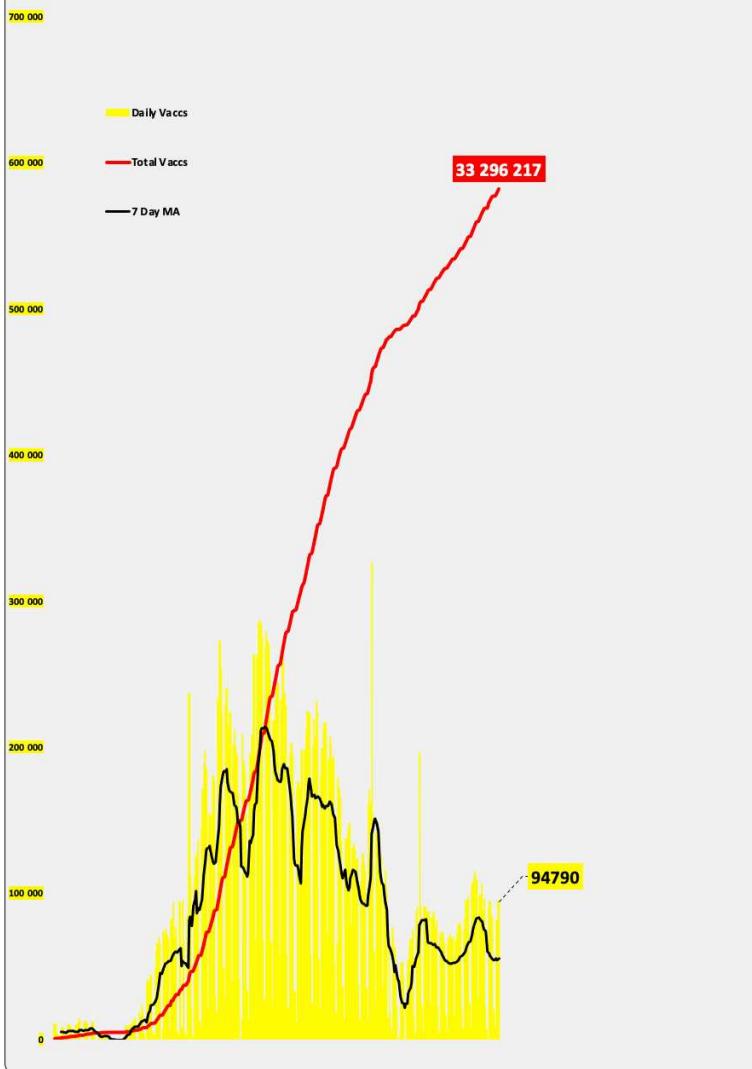


RSA: Avg New Reported Cases per week per 100k PoP



Vaccination Data

RSA DAILY VACCINATIONS (ALL VAX)



Vaccine Efficacy

Page 7

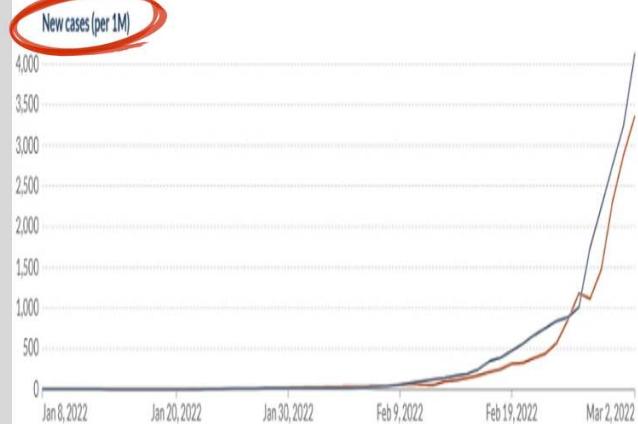
Daily new confirmed COVID-19 cases & deaths per million people

7-day rolling average. Limited testing and challenges in the attribution of cause of death means the cases and deaths counts may not be accurate.

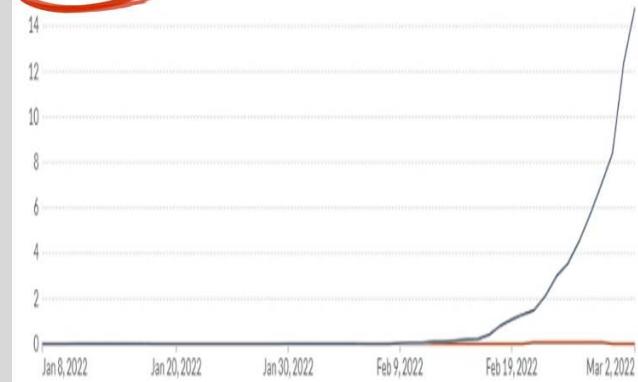
Our World
in Data

LINEAR LOG □ Uniform y-axis

Hong Kong New Zealand



New deaths (per 1M)



THE CONVERSATION

Could South Africa be entering the final phase of the COVID pandemic? A new study has shown that a high percentage of people have antibodies to the virus due to a combination of infection rates and vaccinations. Shabir Madhi, one of the authors of the study, [argues](#) that this suggests the country has entered a recovery phase of the pandemic. Other countries with similar infection and vaccination profiles are likely to be in the same boat. But there are still some unknowns - another resurgence is likely, and there might well be another variant. This means that vaccine coverage must be increased.

COVID-19 Total Individual Adults Vaccinated Coverage Summary as at 17:00 16 Mar 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)		Individuals Vaccinated as a % of the Adult Population (3)		
19,232,089		48.32%		
Total Number of Adult Individuals Vaccinated	Individuals Vaccinated as a % of the Adult Population	Province	Total Number of Individual Adults Vaccinated	Individuals Vaccinated as a % of the Adult Population
19,232,089	48.32%	Eastern Cape	2,150,985	52.47%
		Free State	1,103,319	57.63%
		Gauteng	5,172,223	45.73%
		Kwazulu-Natal	3,620,654	41.84%
		Limpopo	2,025,296	54.80%
		Mpumalanga	1,292,287	42.52%
		North West	1,271,142	47.20%
		Northern Cape	419,205	49.46%
		Western Cape	2,776,978	47.95%
		Total	19,232,089	39,798,201
Age Group	Total Number of Individual Adults Vaccinated	Total Adult Population [18 Years & Older]	Individuals Vaccinated as a % of the Adult Population	
18-34	6,254,059	17,788,511	35.16%	
35-49	6,106,021	11,686,937	52.25%	
50-59	3,100,709	4,817,271	64.37%	
60+	3,768,076	5,505,442	68.44%	
Unidentified	3,224	0	0.00%	
Total	19,232,089	39,798,201	48.32%	

Data as at:

24 March 2022

Unless otherwise indicated

hdg

25 March 2022

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

