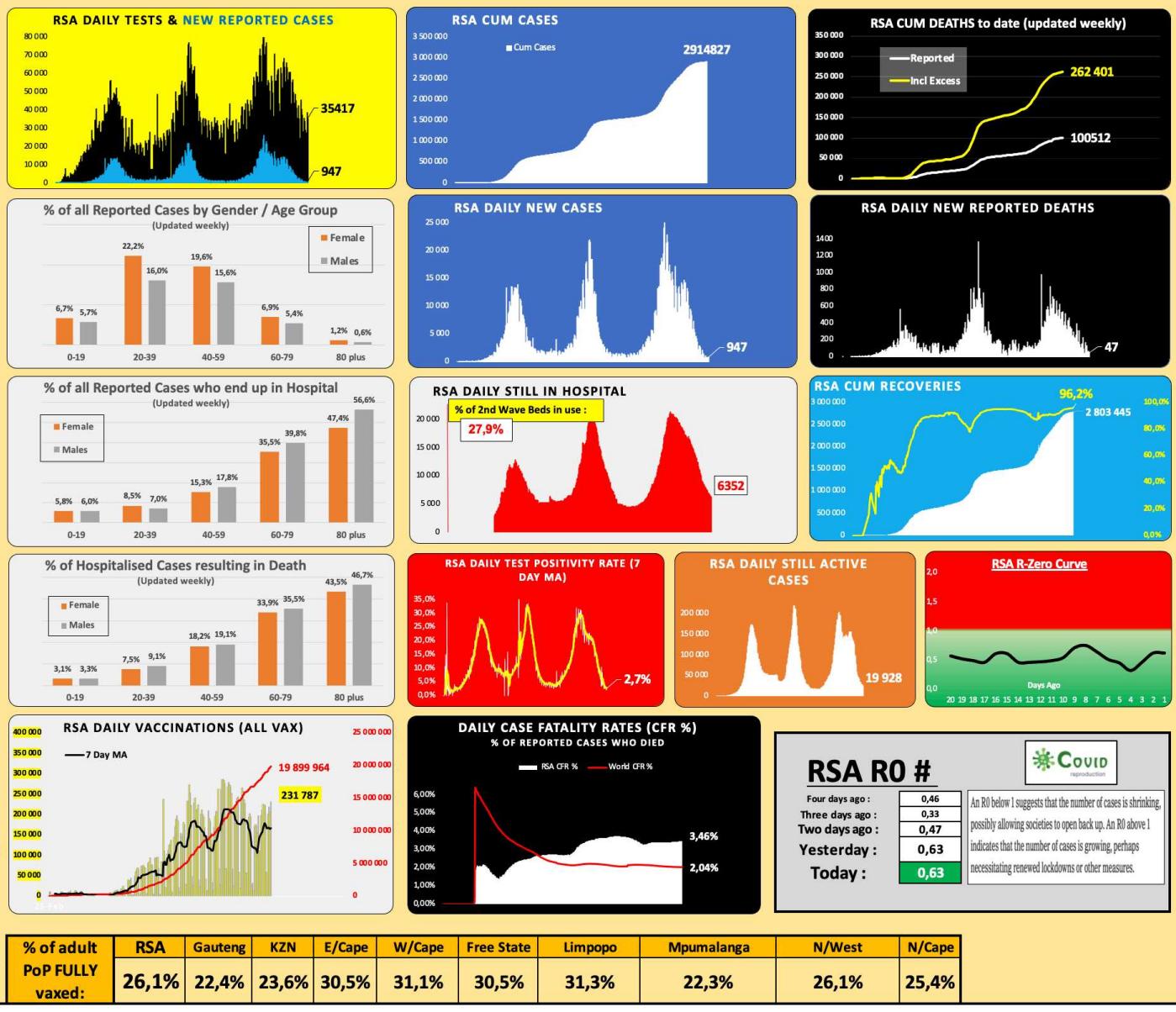


HarryG COVID-19 StatsPack

Page 1

Cum Cases		Daily Cases		RSA COVID-19 DASHBOARD as at: 15-Oct-21	Deteriorating	Improving	Against Previous Day	
2 914 827	947	Daily Still in Hospital	Case Fatality Rates (CFR): Reported Cases Hospital Cases		Vaccinations:		Time to achieve Govt Target of 41m vaccs	
Still Active +Cases	Cum Cases p mill PoP	Cum Deaths p mill PoP	6352	3,46%	21,63%	Daily Avg	85 408	1,30 Yrs
19 928	48 679	1683		% of RSA PoP who have died to date : Reported Deaths Incl Excess Deaths	0,17% 0,438%	7 Day MA Vaccs per day	166 405	0,67 Yrs
Cum Deaths	Yesterday	100 795	47	Total to date:	19 899 964			
Deaths Avg	Ages Median	Deaths Min Age	Deaths Max Age	% of RSA PoP who have died to date PROJECTED to end 2021: Reported Deaths Incl Excess Deaths		Cum Tests	Daily Tests	
62,6	57,1	0,2	108	0,22% 0,53%	18 090 841	35 417		
Female : Male :		Cases	Deaths	CFR	Hospitalised	Daily Test Positivity Rate: 2,7%		
56,7%	51,6%	2,96%	55,1%					
43,3%	48,4%	3,62%	44,9%					
14-Oct								



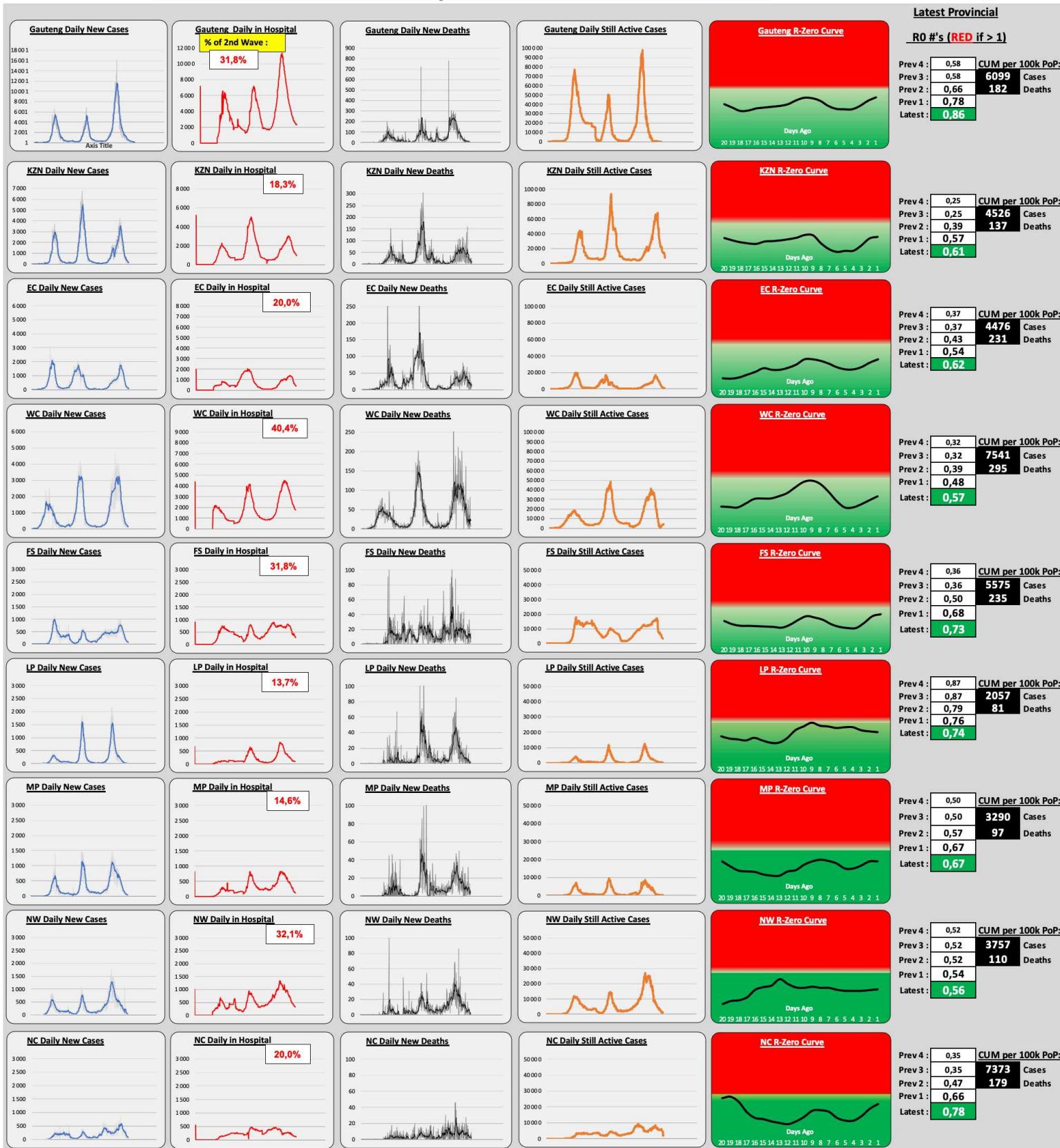
Data as at: 14 October 2021

Unless otherwise indicated

hdg 15 October 2021

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



Data as at: 14 October 2021

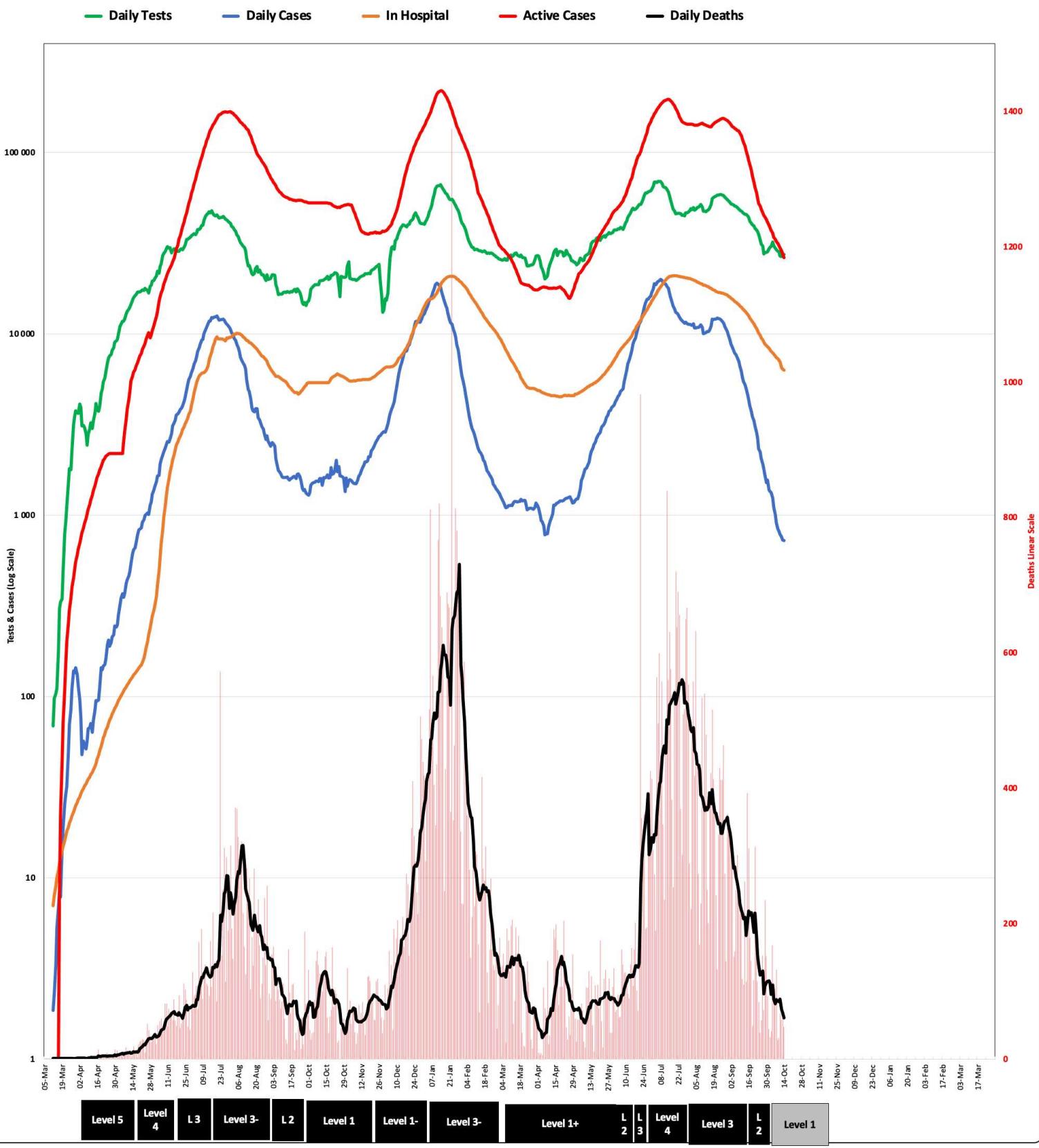
Unless otherwise indicated

hdg

15 October 2021

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

Page 2



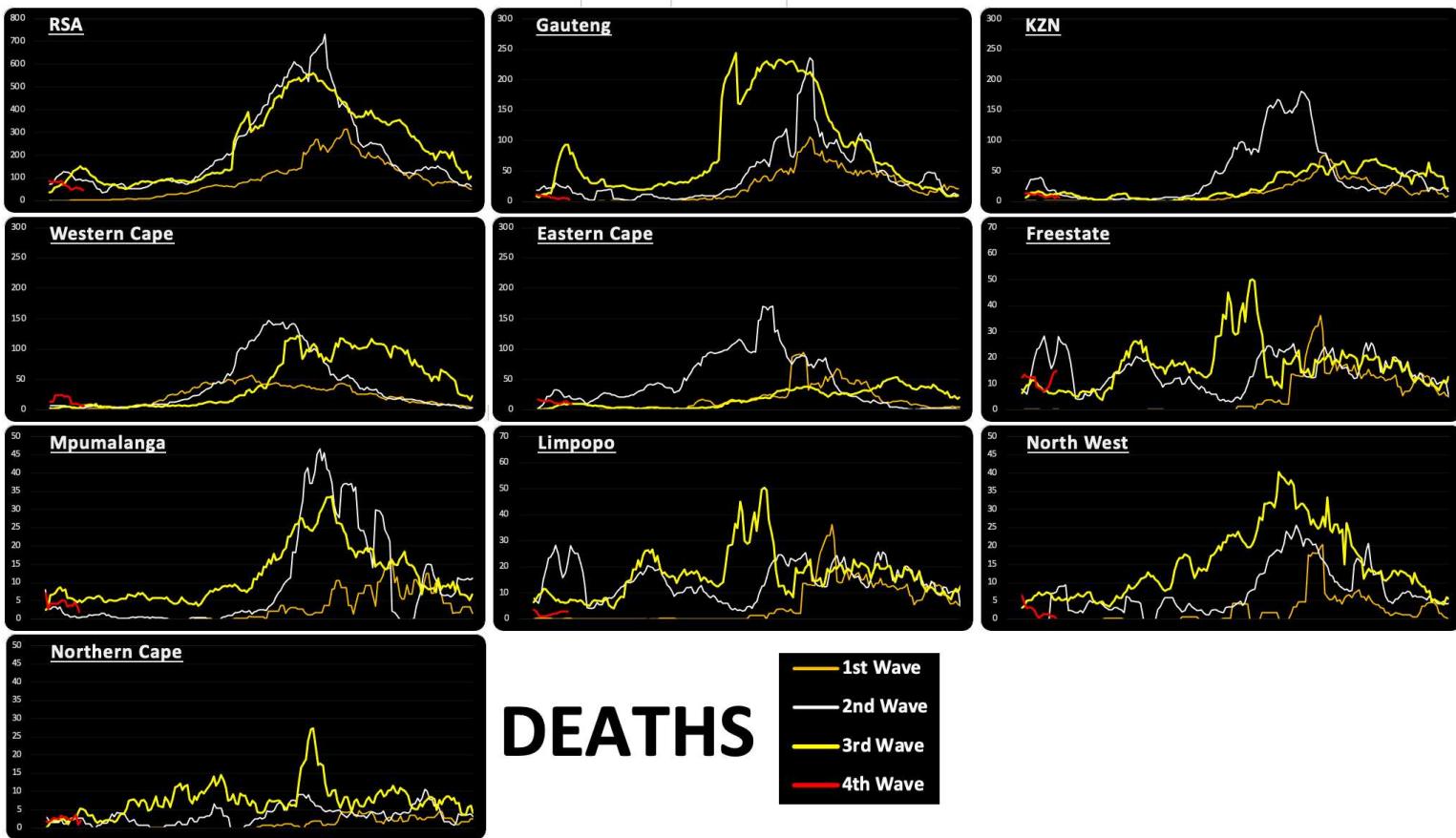
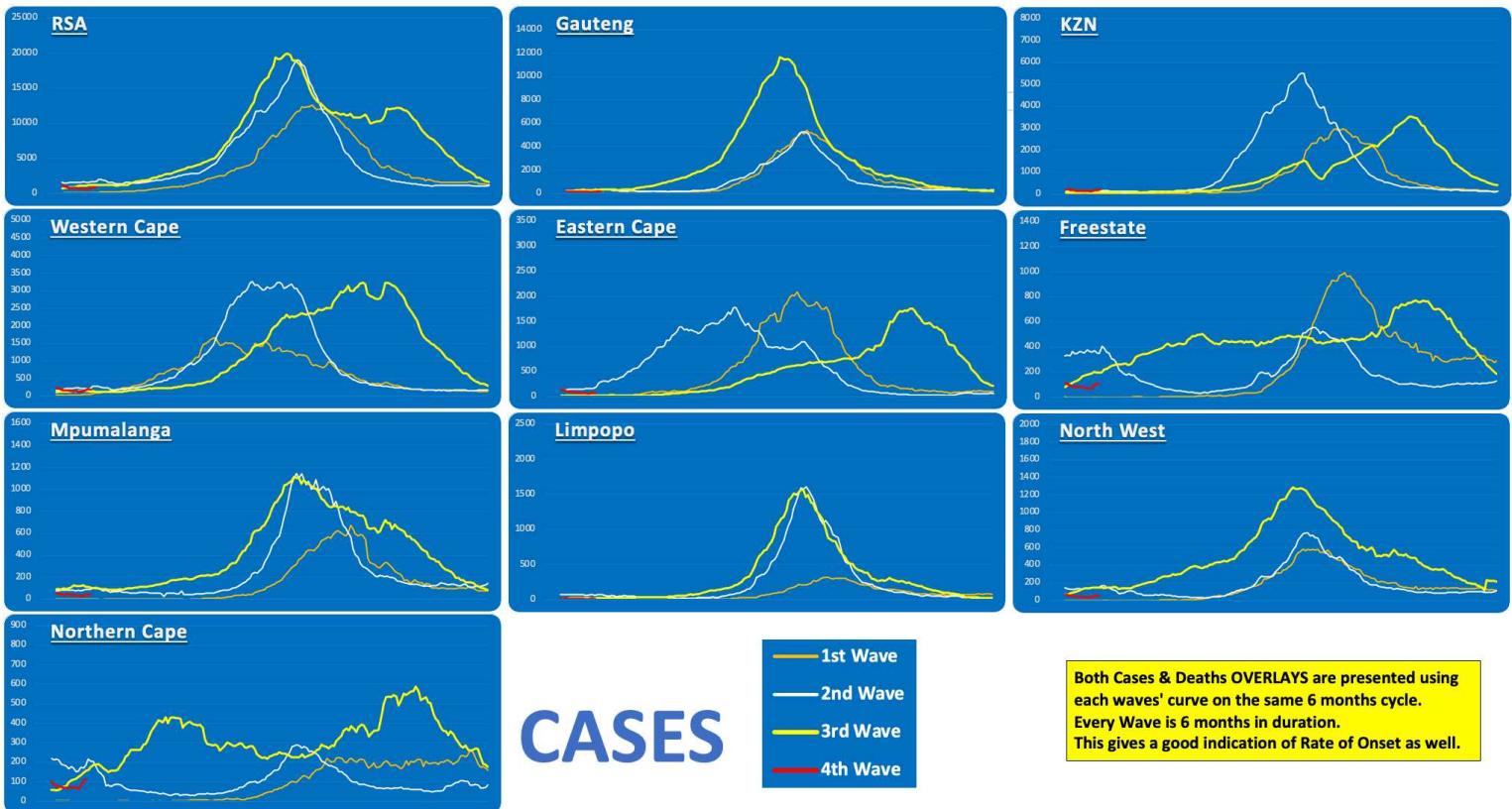
Data as at: 14 October 2021

Unless otherwise indicated

hdg 15 October 2021

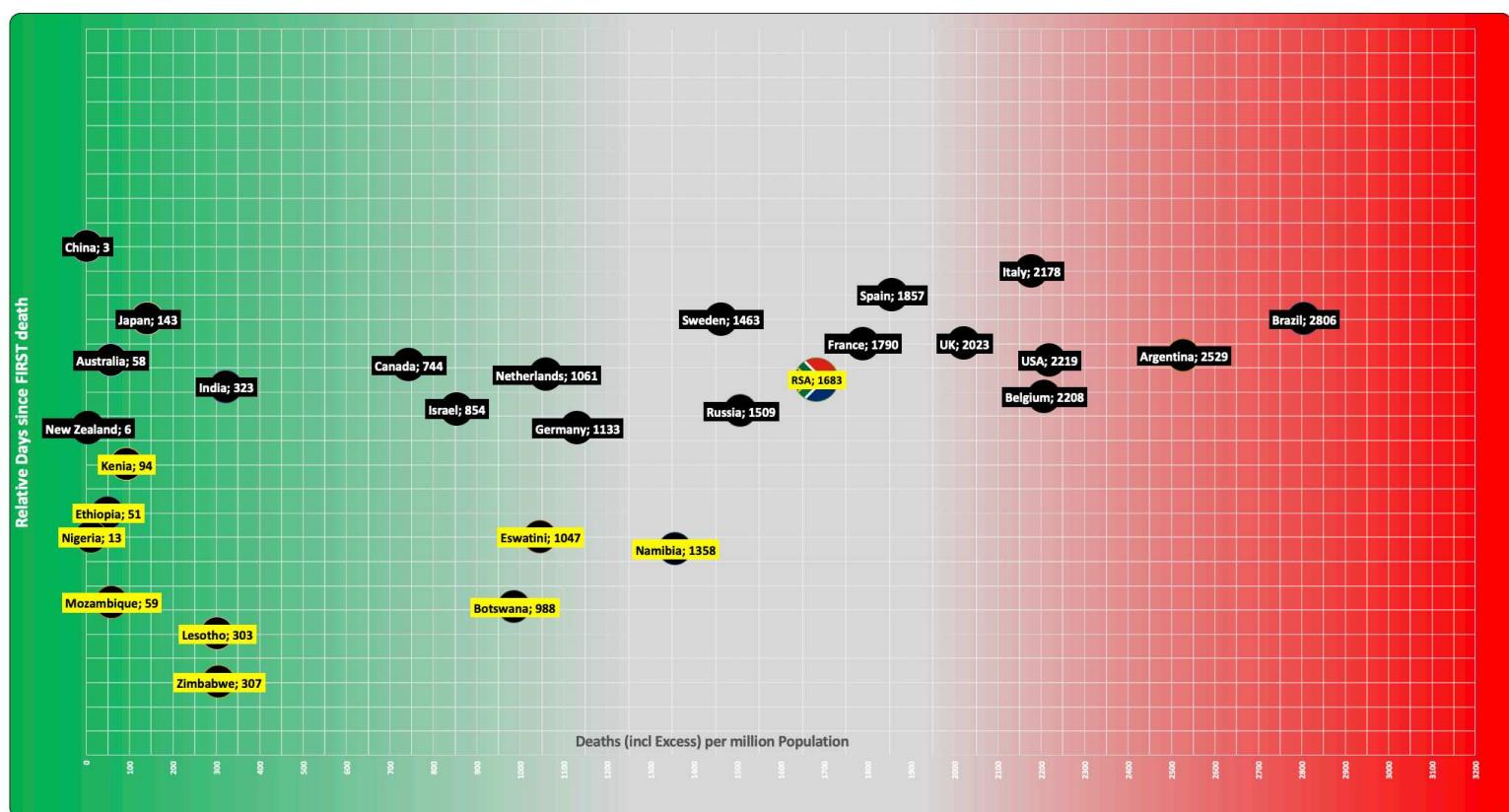
1st / 2nd / 3rd & 4th Wave OVERLAYS (CASES & DEATHS) 7 Day MA

Page 2.1

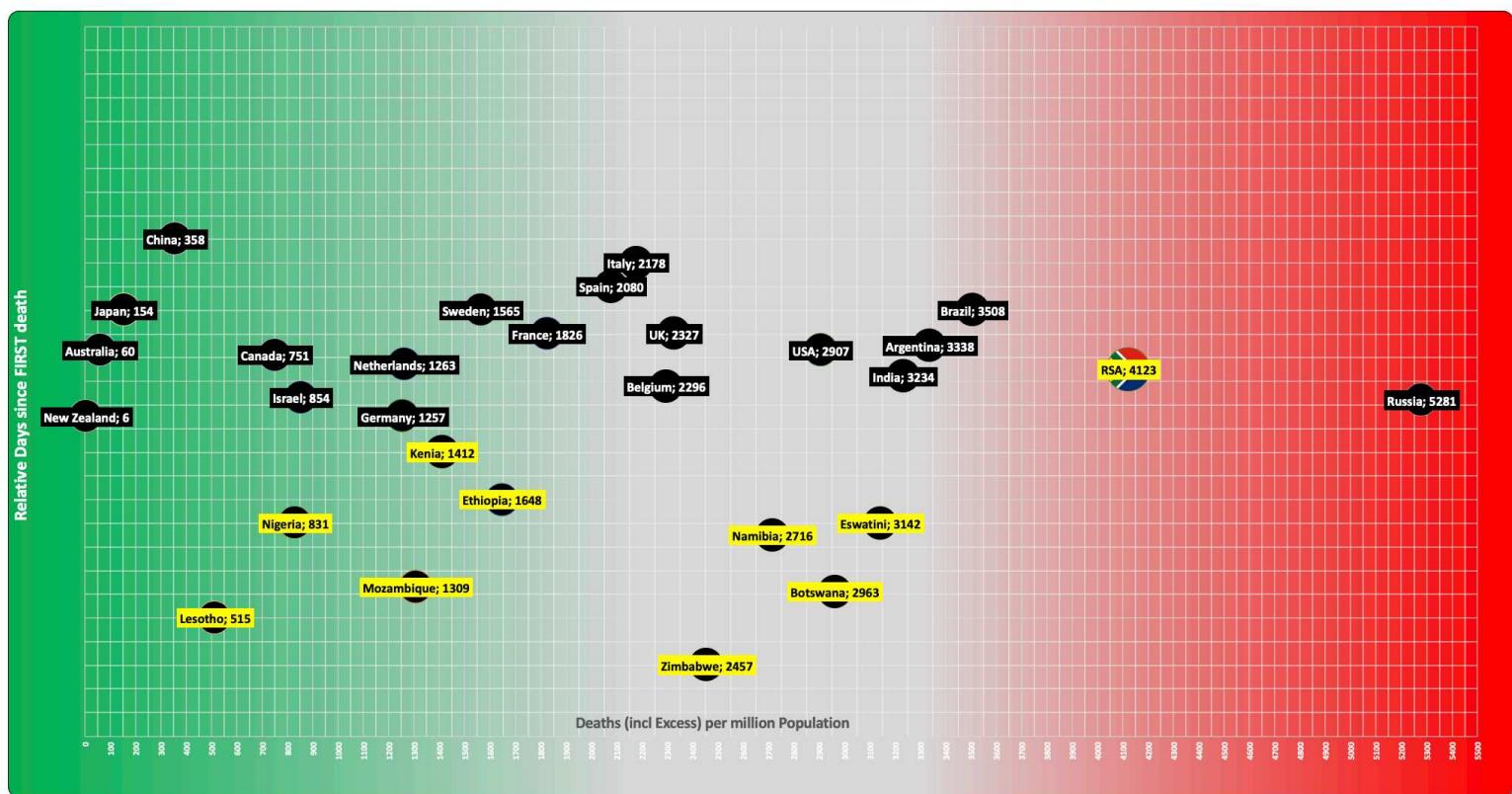


Selected Countries' **REPORTED DEATHS** per mill PoP

Page 2.2



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



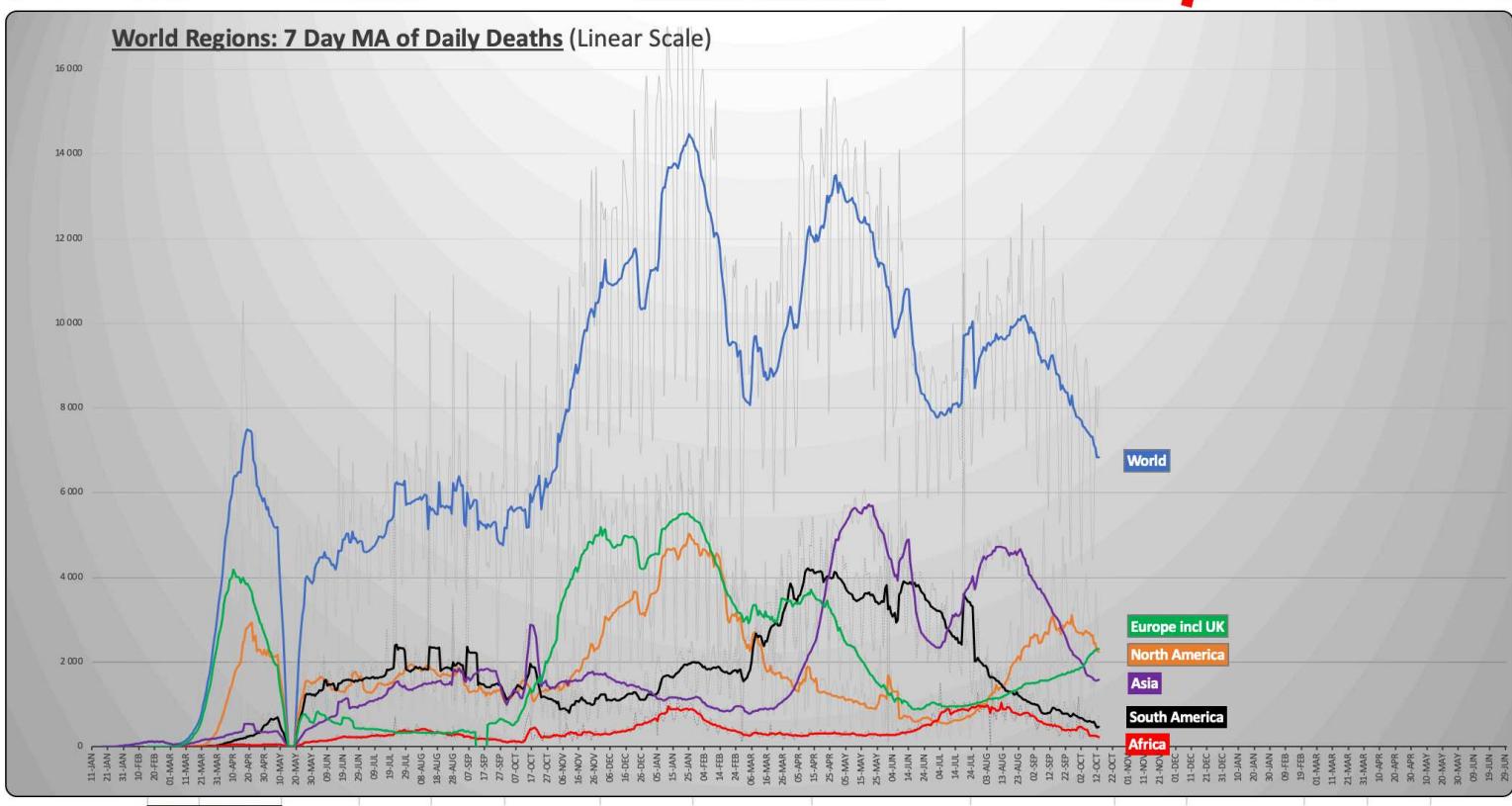
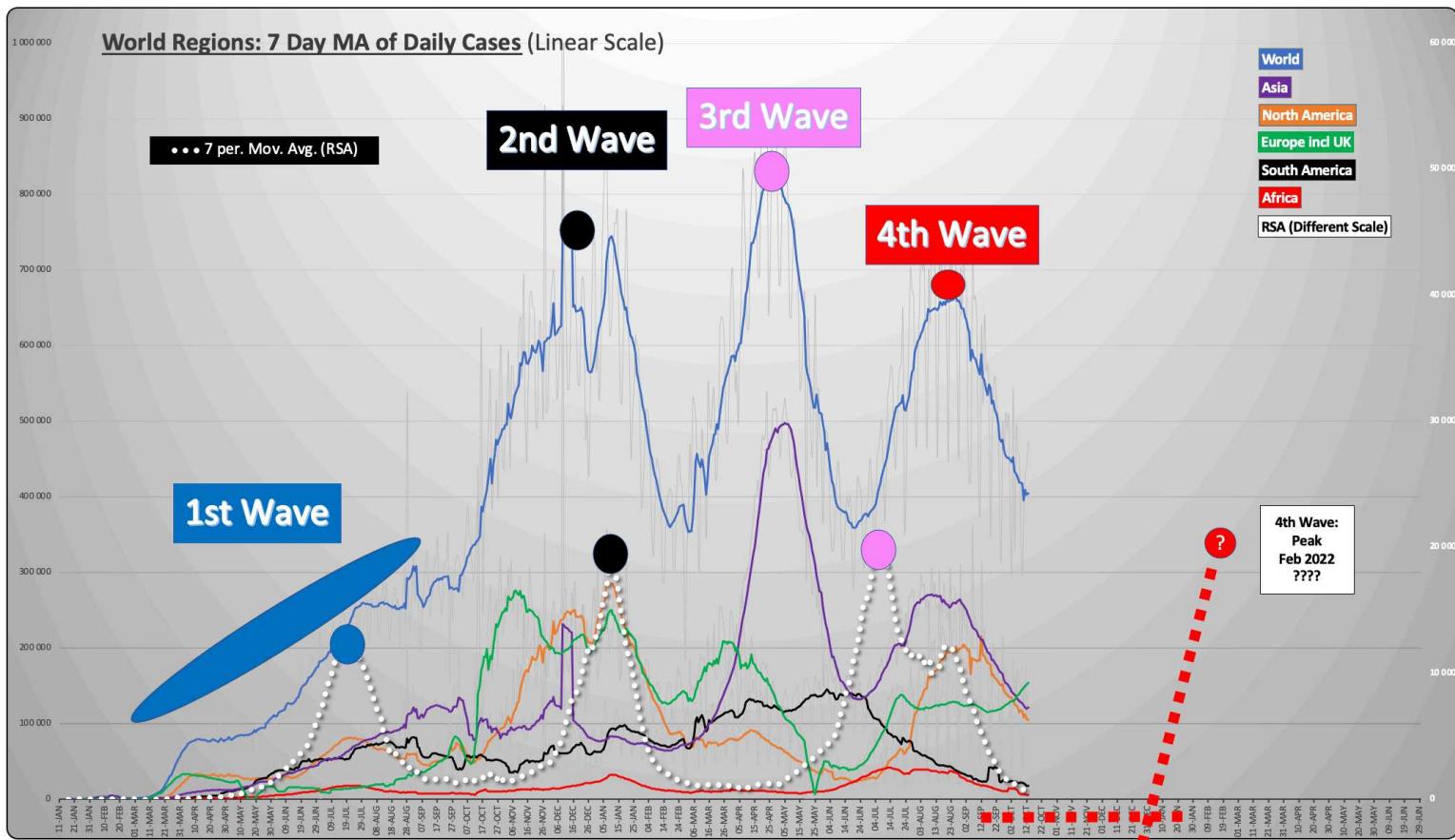
* Excess Deaths %'s as per OurWorldinData & The Economist Magazine

Data as at: 14 October 2021

hdg 15 October 2021

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

Page 3.0



hdg 15 October 2021

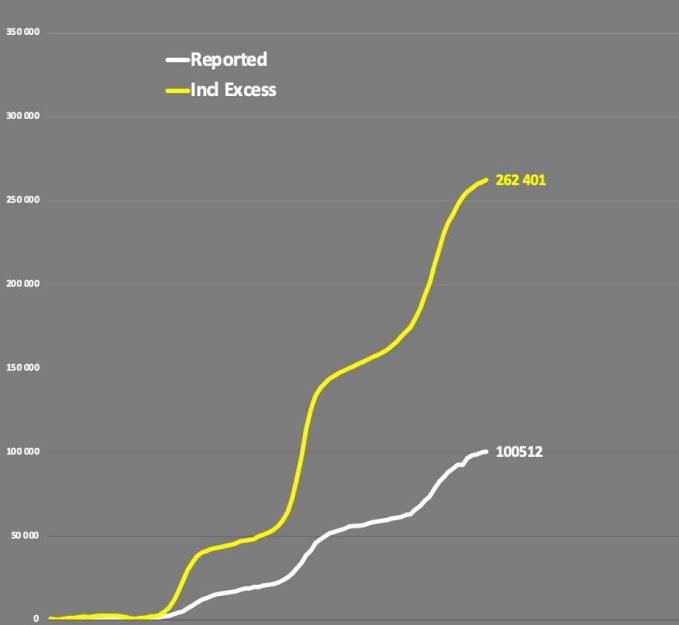
RSA Cum & Projected Deaths (Reported & Incl Excess)

As at : 09 October 2021

Page 4

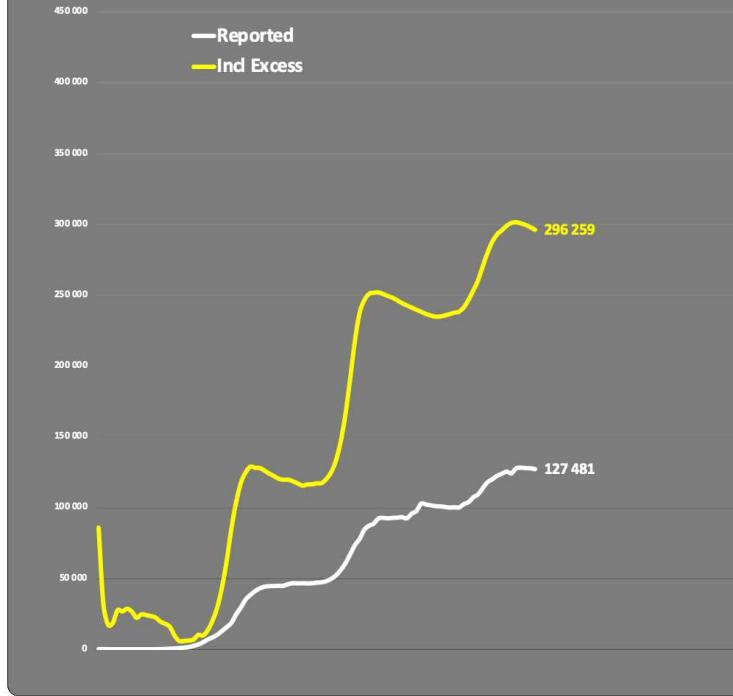
RSA CUM DEATHS (updated weekly)

Assuming 90% of Excess Deaths are Covid related.

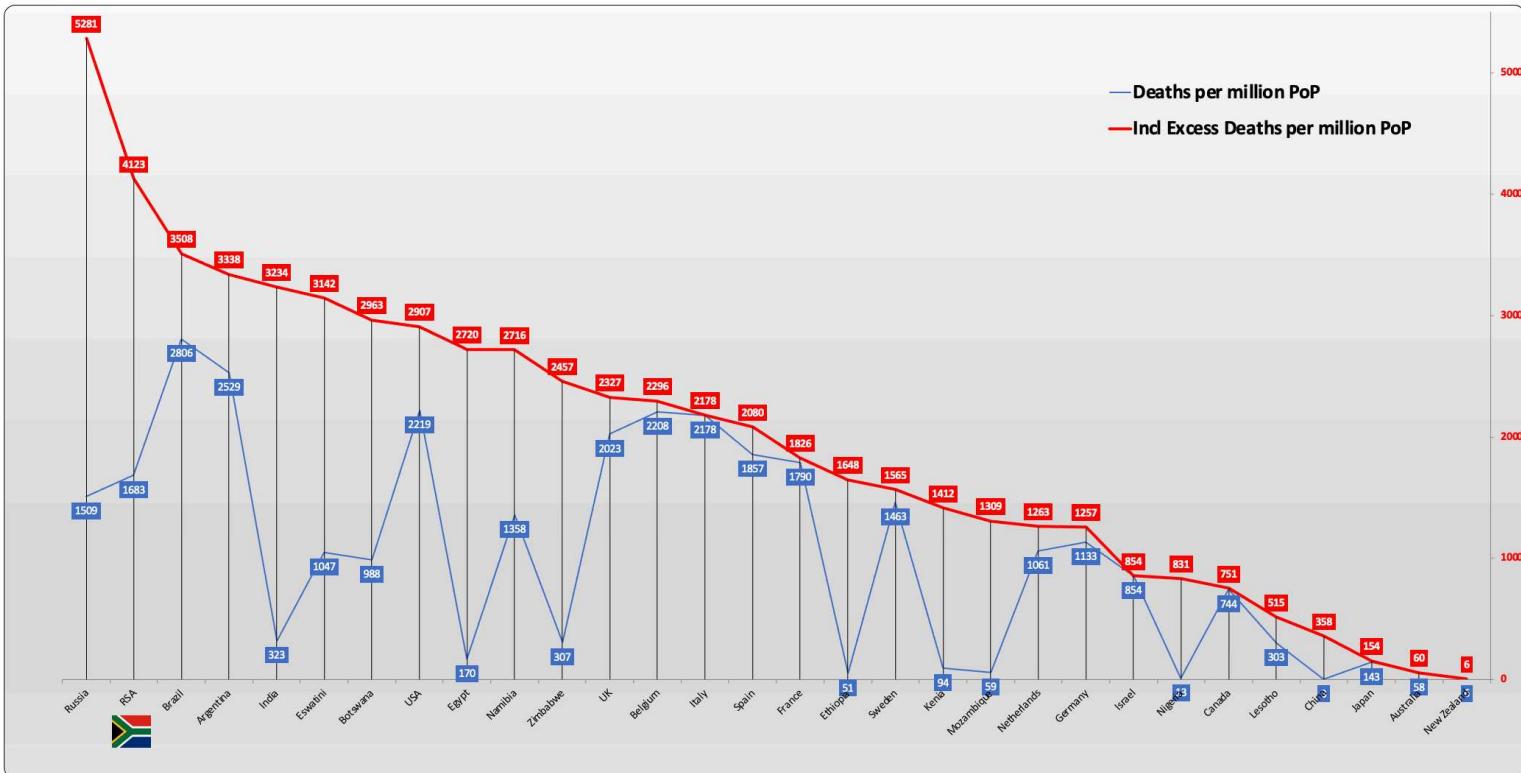


RSA COVID DEATHS PROJECTED TO end 2021

Assuming 90% of Excess Deaths are Covid related.



Selected Countries' Current Reported & Excess Deaths per million PoP

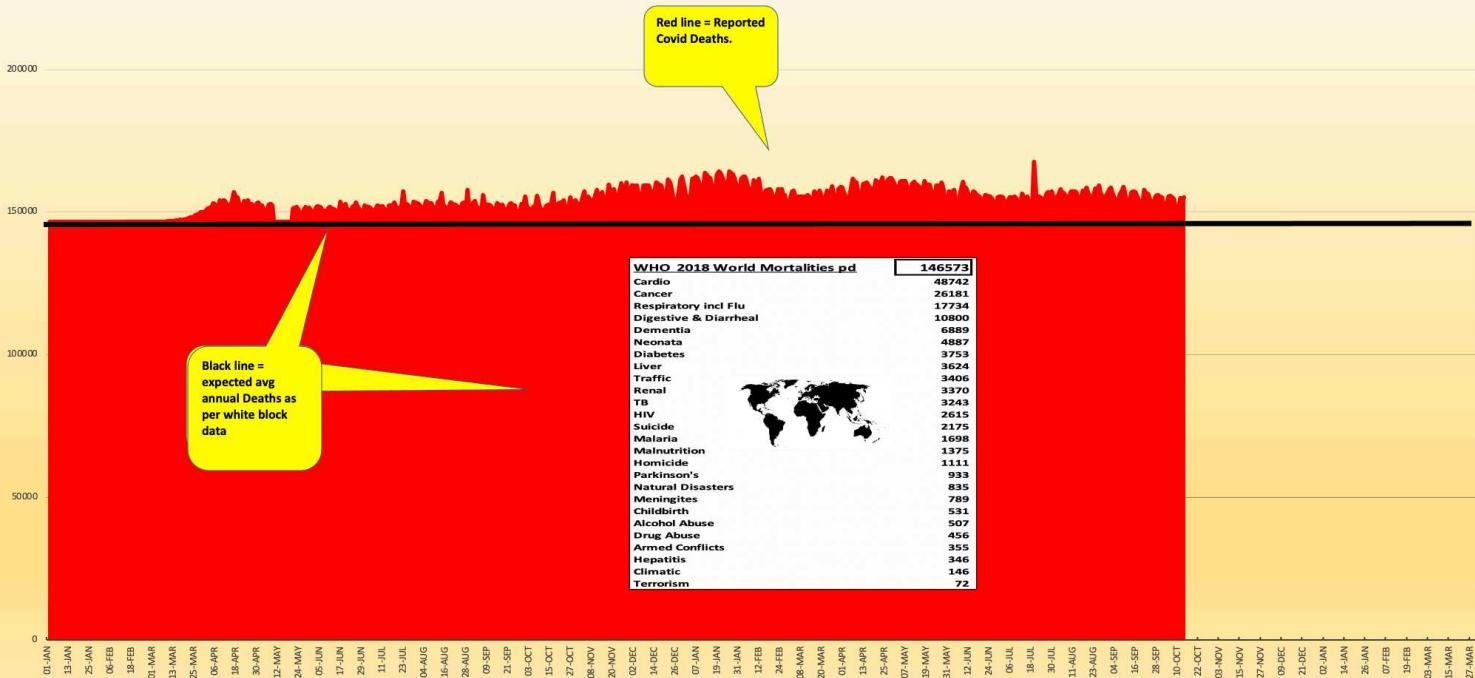


Data as at: 09 October 2021 Unless otherwise indicated

hdg 15 October 2021

Avg "normal" DAILY WORLD Mortalities v COVID Reported Daily Deaths (Linear Scales)

Page 4.1



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)

20 200

500

Avg Daily Covid Deaths since 1st Death 2020 to date: 140
Highest Daily Covid Deaths 2020 to date: 1374
Latest Daily Covid Deaths 2020 to date: 47

Weekly Excess Deaths

Blue line = Weekly Excess Deaths (see Pg 4.2)
Red line = Reported daily Covid Deaths.

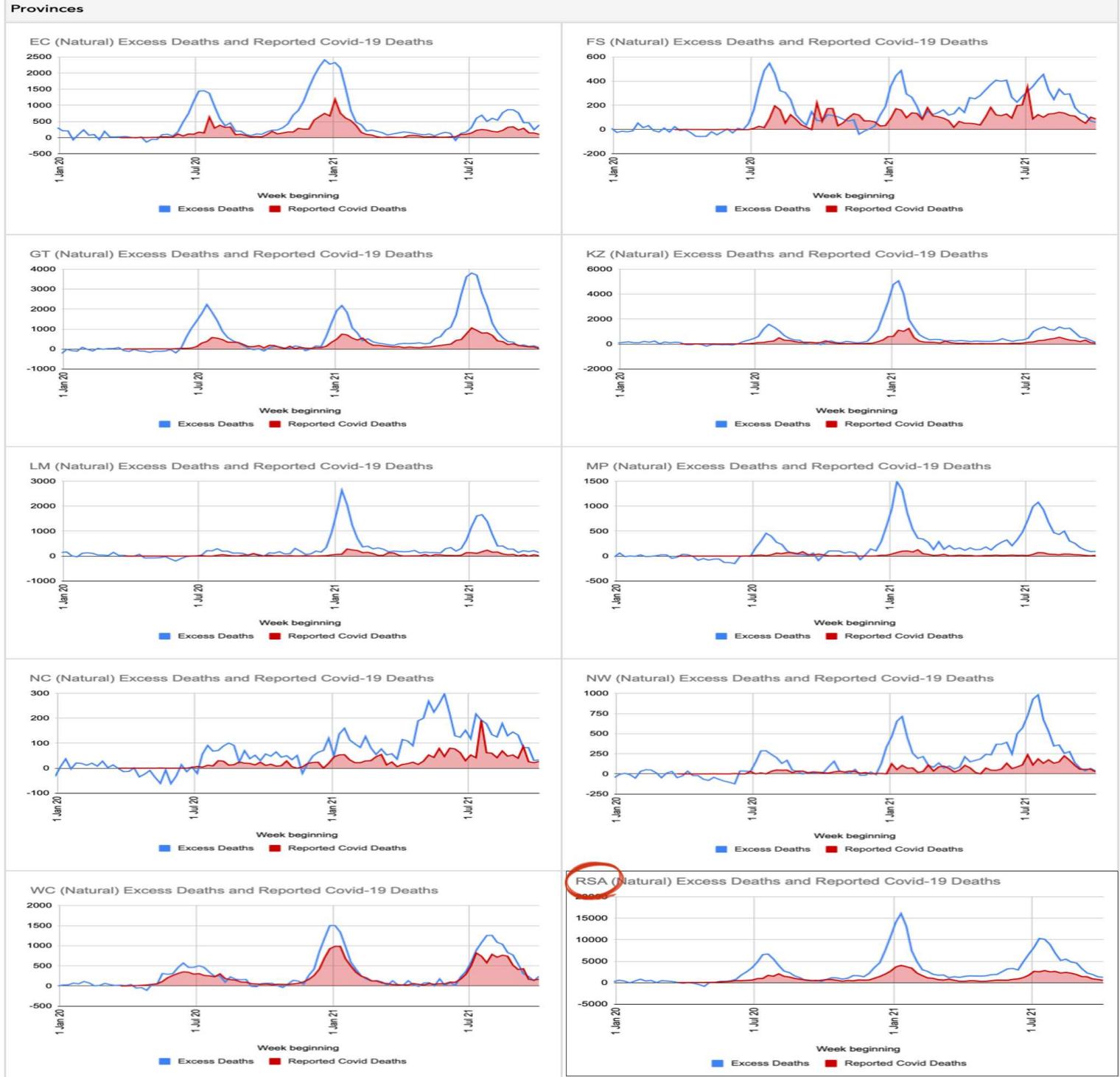
Black line = expected avg daily Deaths as per white block data

	STATSA 2017 RSA Mortalities per day
All Other Causes	1223
Unnatural Causes	54
Cardio	140
Respiratory Incl Flu	96
TB	88
Diabetes	72
Cancers	69
HIV	61
Hypertensive	59
Other Viral	46

RSA Excess Deaths as per SA Medical Research Council

As at : 09 October 2021

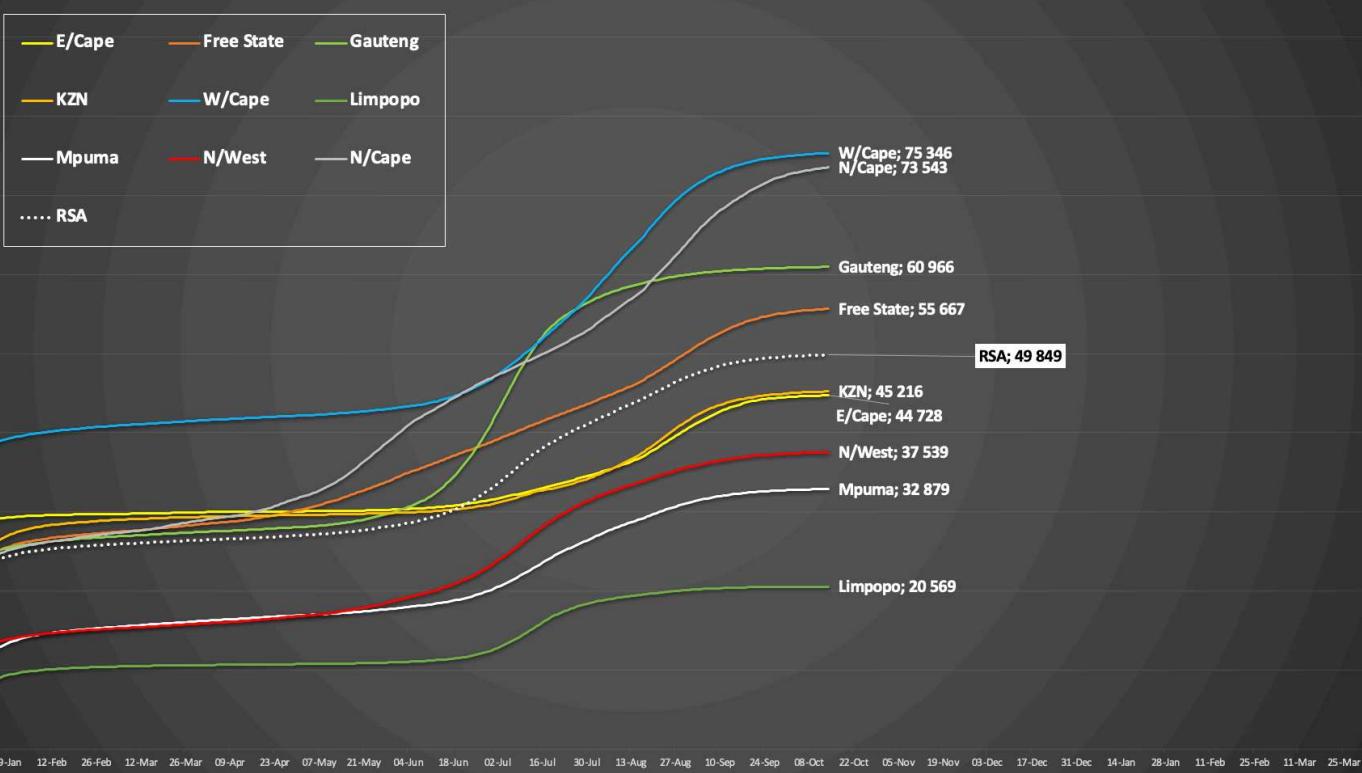
Page 4.2



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).

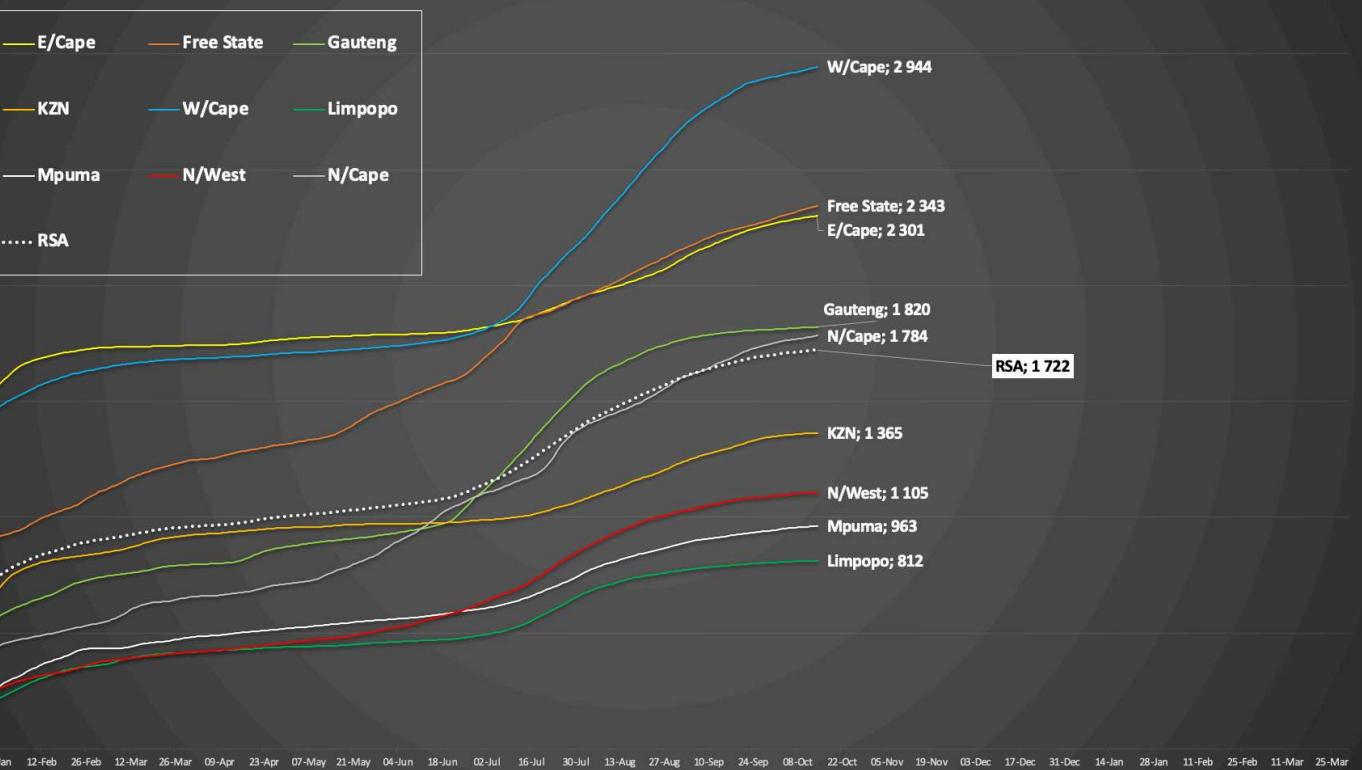
Reported CUM CASES per mill PoP

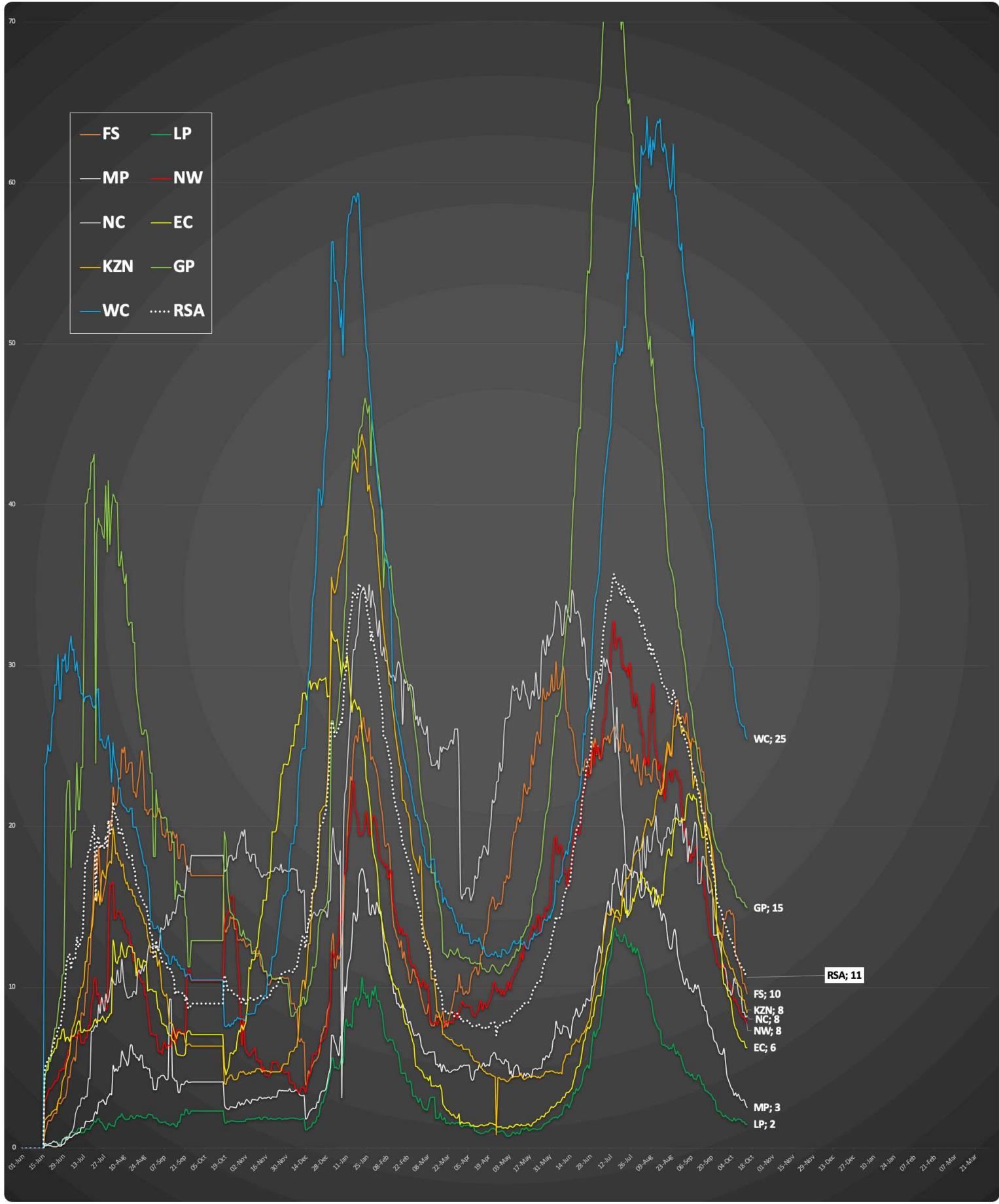
Jan 2021 to end Mch 2022 7 Day MA



Reported CUM DEATHS per mill PoP

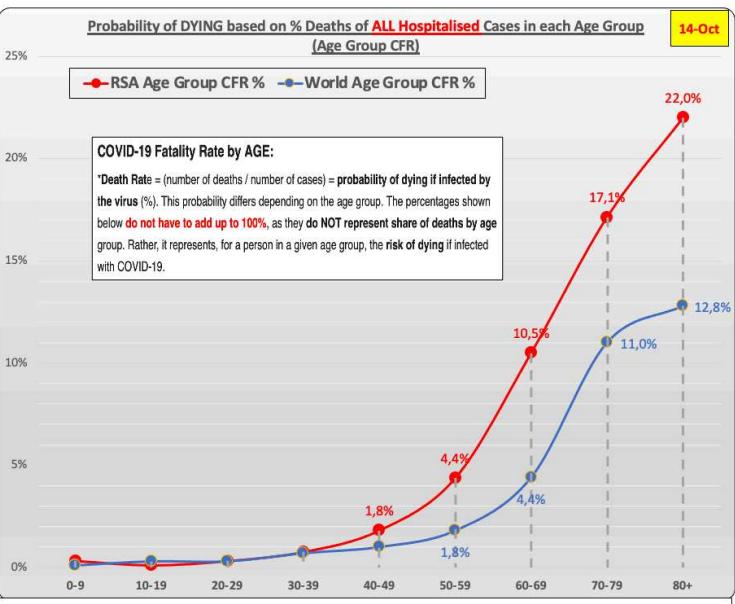
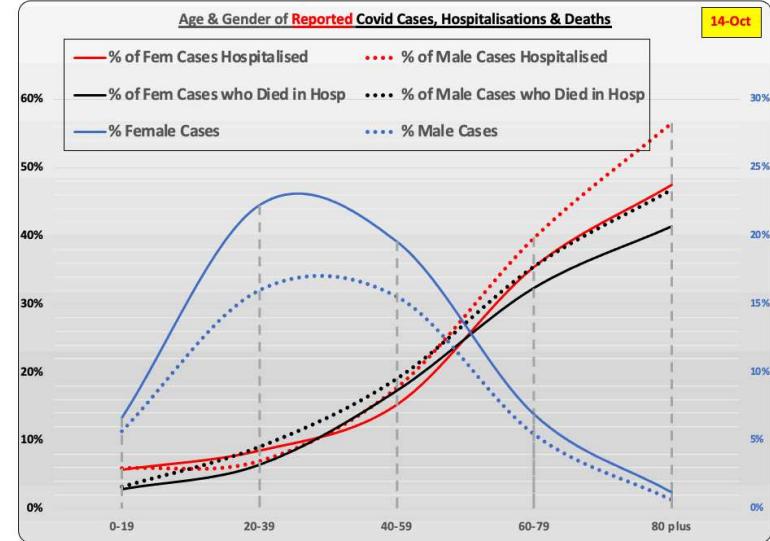
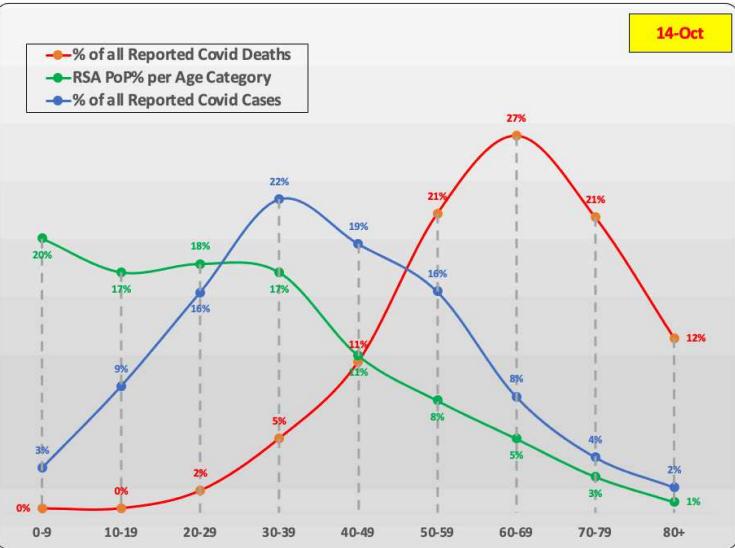
Jan 2021 to end Mch 2022 7 Day MA





RSA Age & Gender Stats

Page 6



COVID - 19 STATISTICS IN SOUTH AFRICA

Comorbid conditions amongst admissions with at least one comorbidity reported

21 July 2020

Figures are from the NICD Sentinel Hospital Surveillance Report

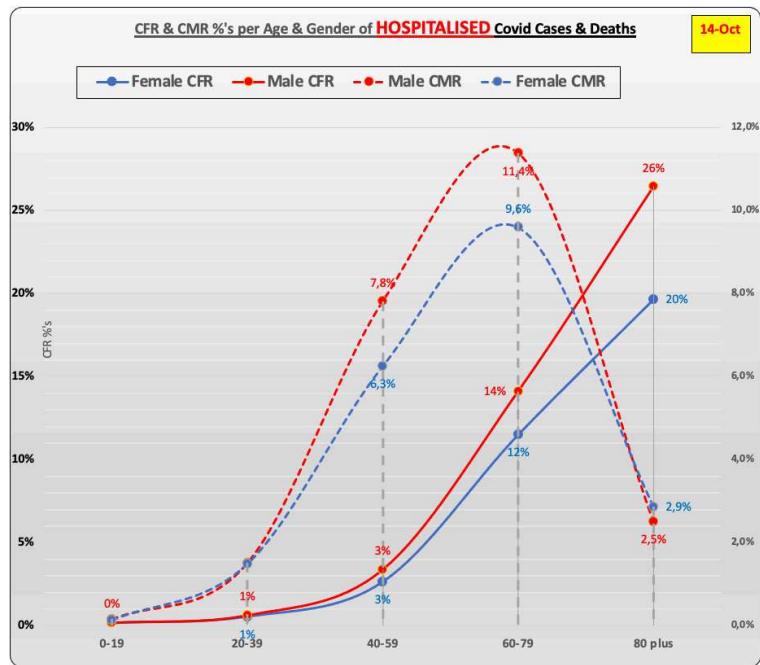
Based on 277 774 in-hospital outcomes (discharges and deaths) from 5 March 2020 - 10 July 2021

Comorbid disease*	Cases	Deaths	Case Fatality Rate
Hypertension	76 029	24 722	32.5%
Diabetes	51 874	17 728	34.2%
Chronic cardiac disease	5 026	1 904	37.9%
Chronic pulmonary disease/Asthma	12 610	3 225	25.6%
Chronic kidney disease	4 707	2 100	44.6%
Cancer	1 311	503	38.4%
HIV	15 990	3 961	24.8%
Previous TB	3 335	853	25.6%
Current TB	1 142	287	25.1%
Current and previous TB	1 470	342	23.3%
Obesity	11 137	3 381	30.4%

*Some people may have reported more than one comorbid condition, so one person could have been included in multiple categories.

twitter: @suzan2503

Data as at: As indicated per graph



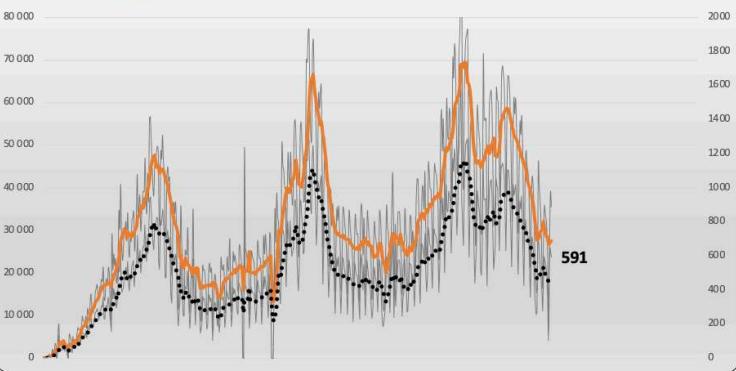
hdq 15 October 2021

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

Page 6.1

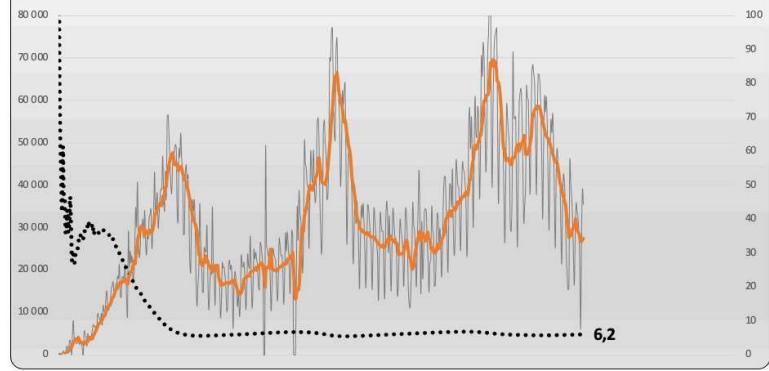
RSA: Daily Tests per million PoP

— 7 per. Mov. Avg. (Daily Tests) ······ 7 per. Mov. Avg. (TpmPoP)



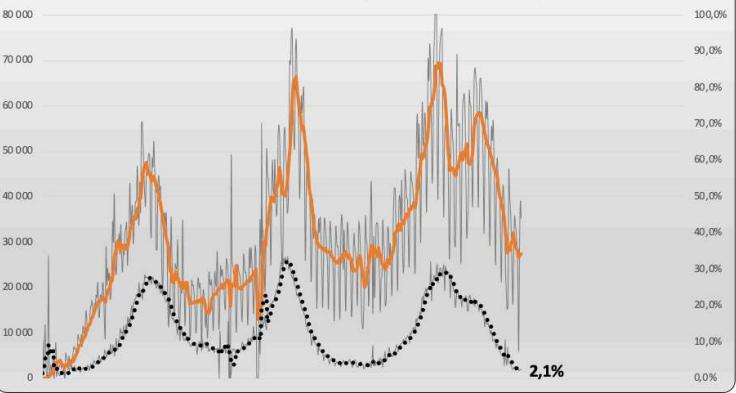
RSA: Daily Tests per +Case

— Daily Tests ······ Tests per Case — 7 per. Mov. Avg. (Daily Tests)



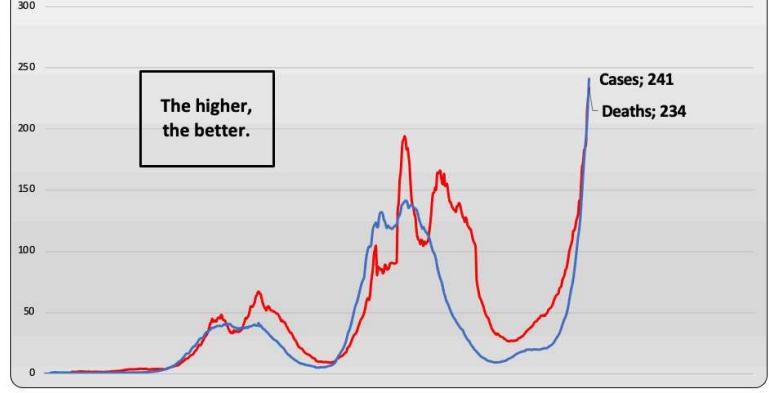
RSA: Daily Tests Positivity %

— 7 per. Mov. Avg. (Daily Tests) ······ 7 per. Mov. Avg. (DT+R)

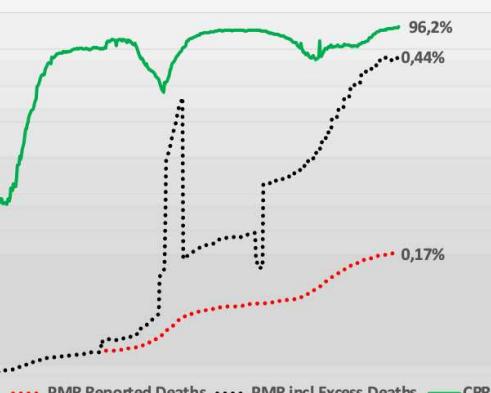


RSA Doubling Times in Days

— Deaths — Cases

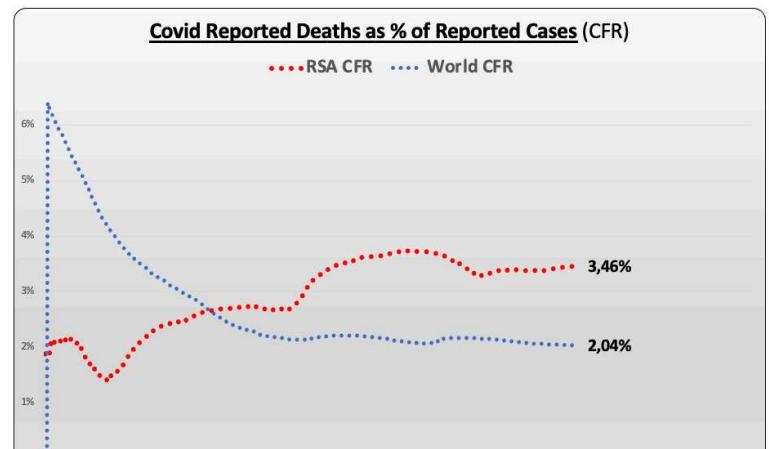


RSA: Case Recovery Rate (CRR) & PoP Covid Mortality Rate



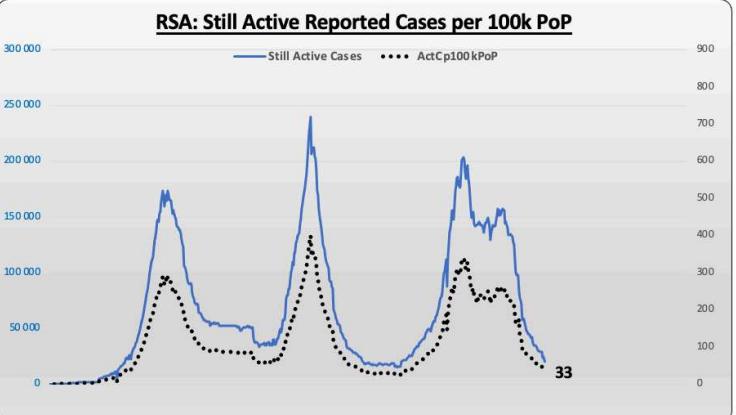
Covid Reported Deaths as % of Reported Cases (CFR)

····· RSA CFR ······ World CFR



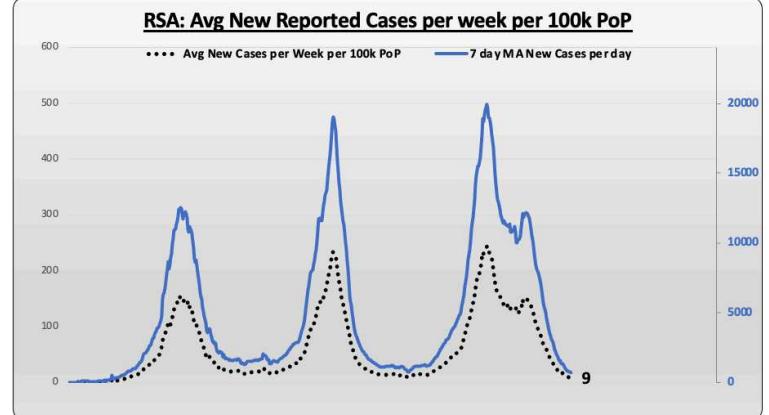
RSA: Still Active Reported Cases per 100k PoP

— Still Active Cases ······ ActCp100kPoP

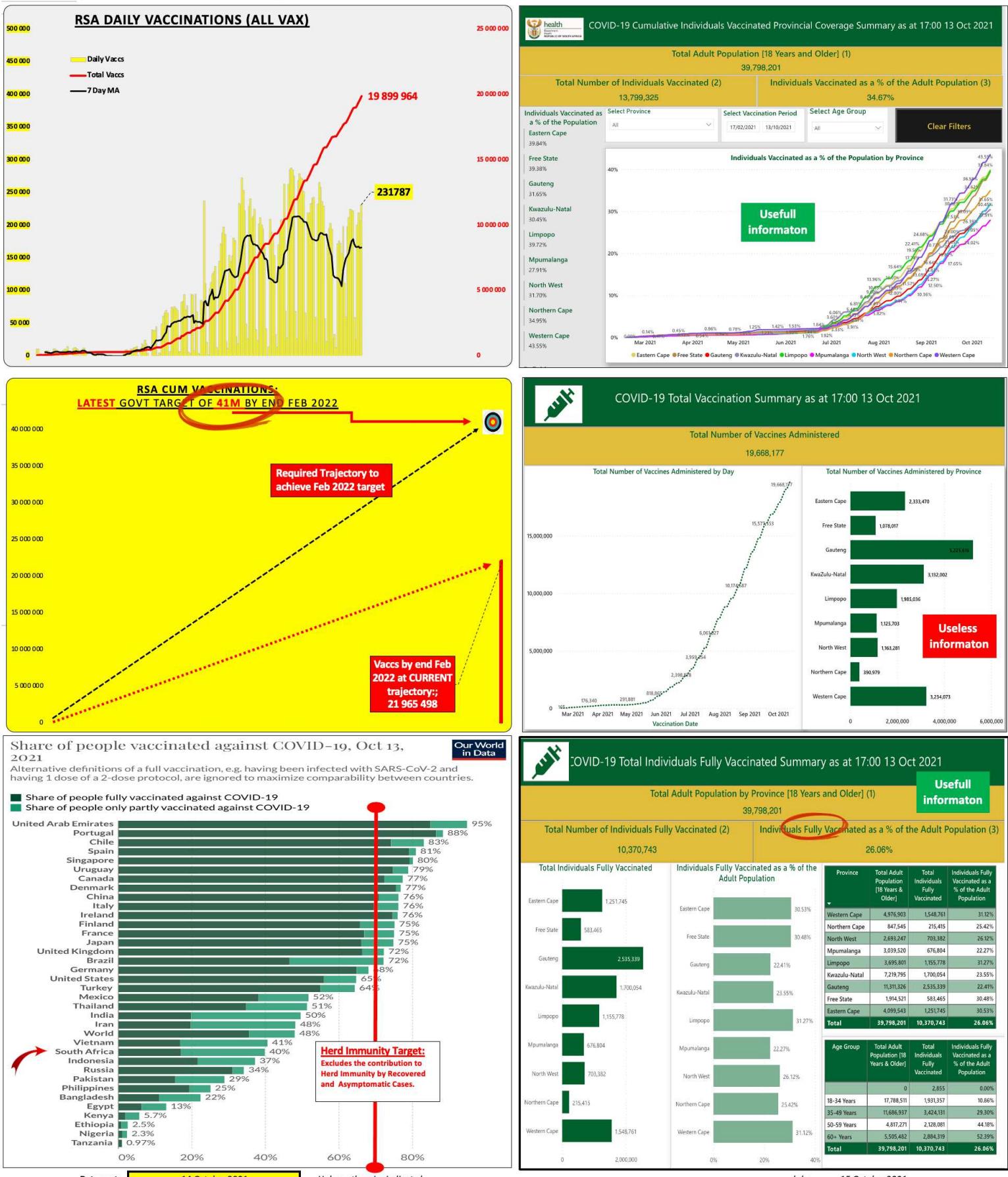


RSA: Avg New Reported Cases per week per 100k PoP

····· Avg New Cases per Week per 100k PoP — 7 day MA New Cases per day



Vaccination Data



A smile is the best vaccine....



Working from home.....

Please read.....!!



IVERMECTIN

Most of you are probably aware of the Ivermectin debate that has been raging for many months.....

The issue has become highly politicised and mired in Conspiracy Theories, this is unfortunate because it obscures the relative merits of the debate.

I'm not competent to comment on the merits / demerits of various meds, I only draw graphs....but I have been following the Ivermectin debate with interest.

My commonsense conclusions are as follows:

- 1) If you want to use Ivermectin **do so only in consultation** with a trusted medical practitioner. Ignore Facebook, Farmer Brown, your mates at the golf club / gym. Be especially careful about advice and theories from politically aligned organisations.
- 2) If you want to get hold of Ivermectin get a prescription from your doctor and buy the stuff from a registered pharmacy.
Do not use black market vendors or online purchasing. Don't buy from vets & agricultural co-ops !!!
- 3) If you are using Ivermectin, or have used it recently, make sure your family knows about it in order for you or them to be able to disclose this to the doctor / hospital should you be hospitalised with Covid.

THIS IS VERY IMPORTANT BECAUSE, REGARDLESS OF THE EFFICACY OF THE STUFF (IF ANY), IVERMECTIN DOES APPEAR TO MASK CERTAIN MEDICAL TEST RESULTS ie BLOOD TESTS, LIVER & RENAL FUNCTION TESTS.

THIS MAY RESULT IN DISTORTED DIAGNOSTIC DATA.