

HarryG COVID-19 StatsPack

Deteriorating

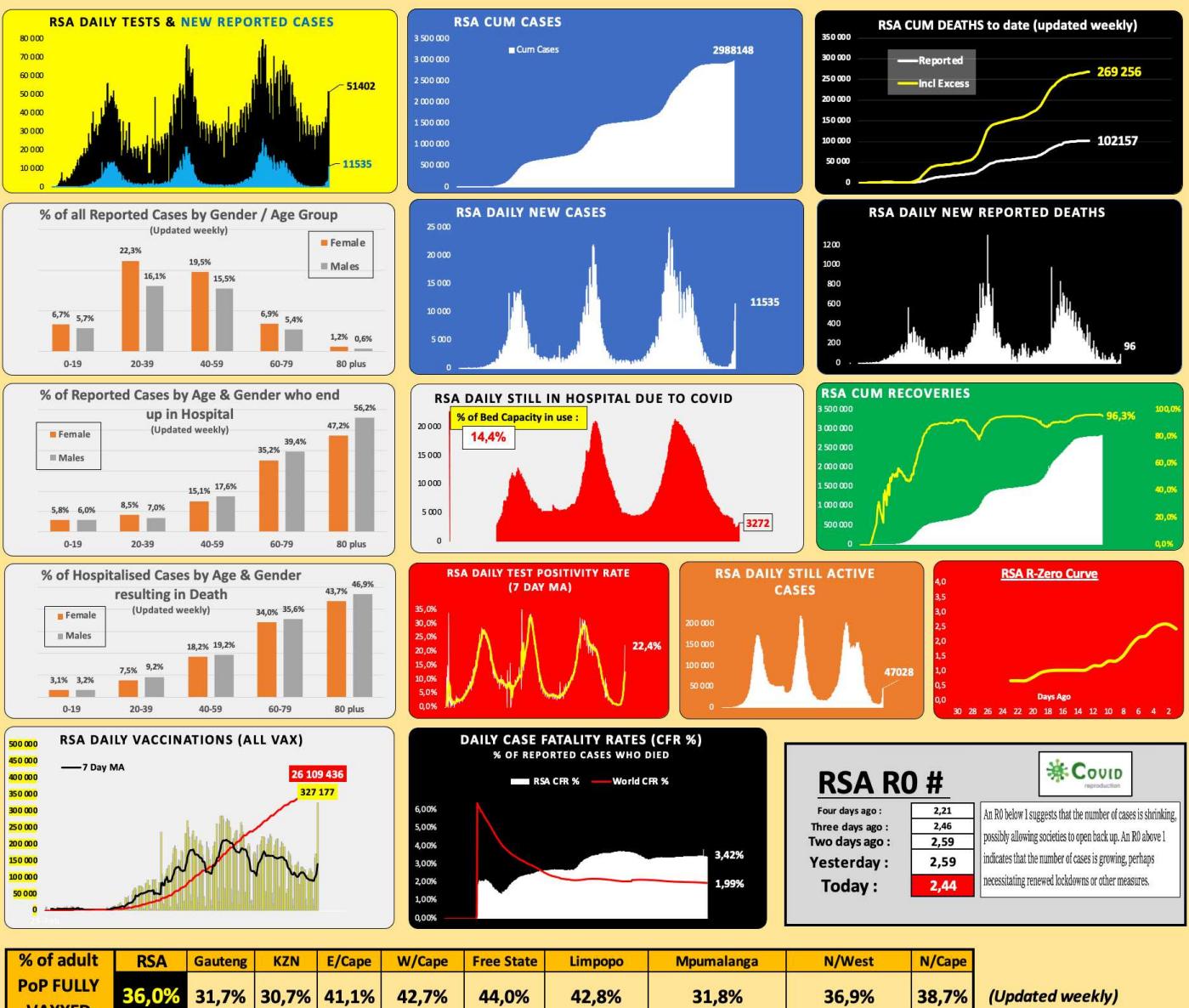
Improving

Against
Previous Day

Page 1

Cum Cases		Daily Cases		RSA COVID-19 DASHBOARD as at: 03-Dec-21	Daily Still in Hospital	Case Fatality Rates (CFR): Reported Cases Hospital Cases		Vaccinations:		Time to achieve Govt Target of 41m vaccs	
2 988 148	11 535	3,42%	21,64%			Daily Avg	92 587	1,20	Yrs		
Still Active +Cases	Cum Cases p mill PoP	Cum Deaths p mill PoP	3272		0,171%	0,461%	7 Day MA Vaccs per day	140 855	0,79	Yrs	
47 028	49 904	1709	102 343		56,6%	43,4%	Total to date:	26 109 436			
Deaths Ages	Ages	Deaths	Deaths		96	51,6%	48,4%	Cum Tests	19 580 433	51 402	Daily Tests
Avg	Median	Min Age	Max Age		Cases	2,94%	3,59%	Projected to end 2021:			
62,5	64,2	0,2	108		CFR	55,1%	44,9%	Reported Deaths	0,23%	0,56%	Daily Test Positivity Rate:
					Hospitalised			Incl Excess Deaths			22,4%

30-Nov



Progress Ranking by Province :

8

9

4

3

1

2

7

6

5

Data as at: 02 December 2021

Unless otherwise indicated

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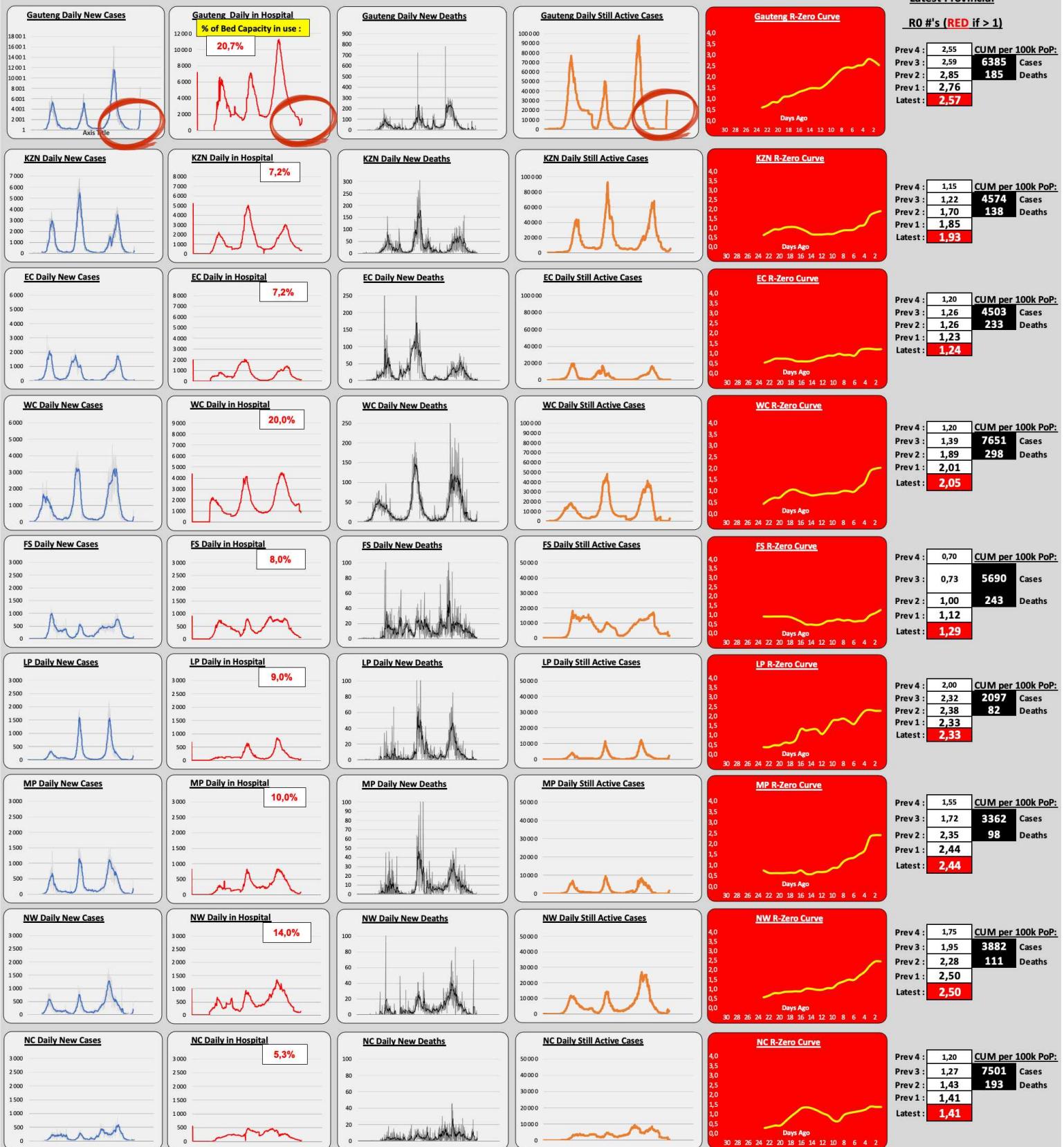
03 December 2021

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

Latest Provincial

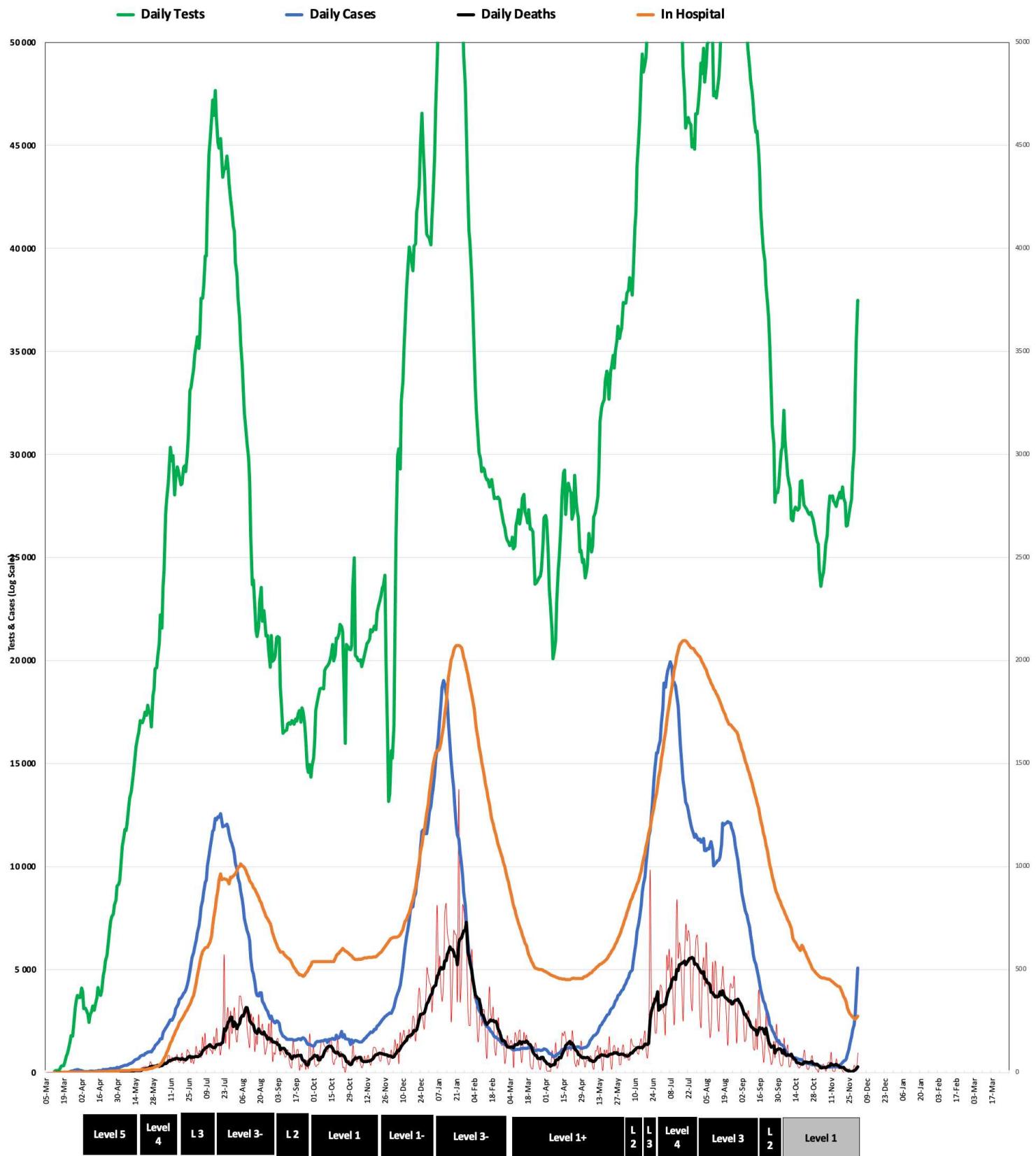
R0 #'s (RED if >1)

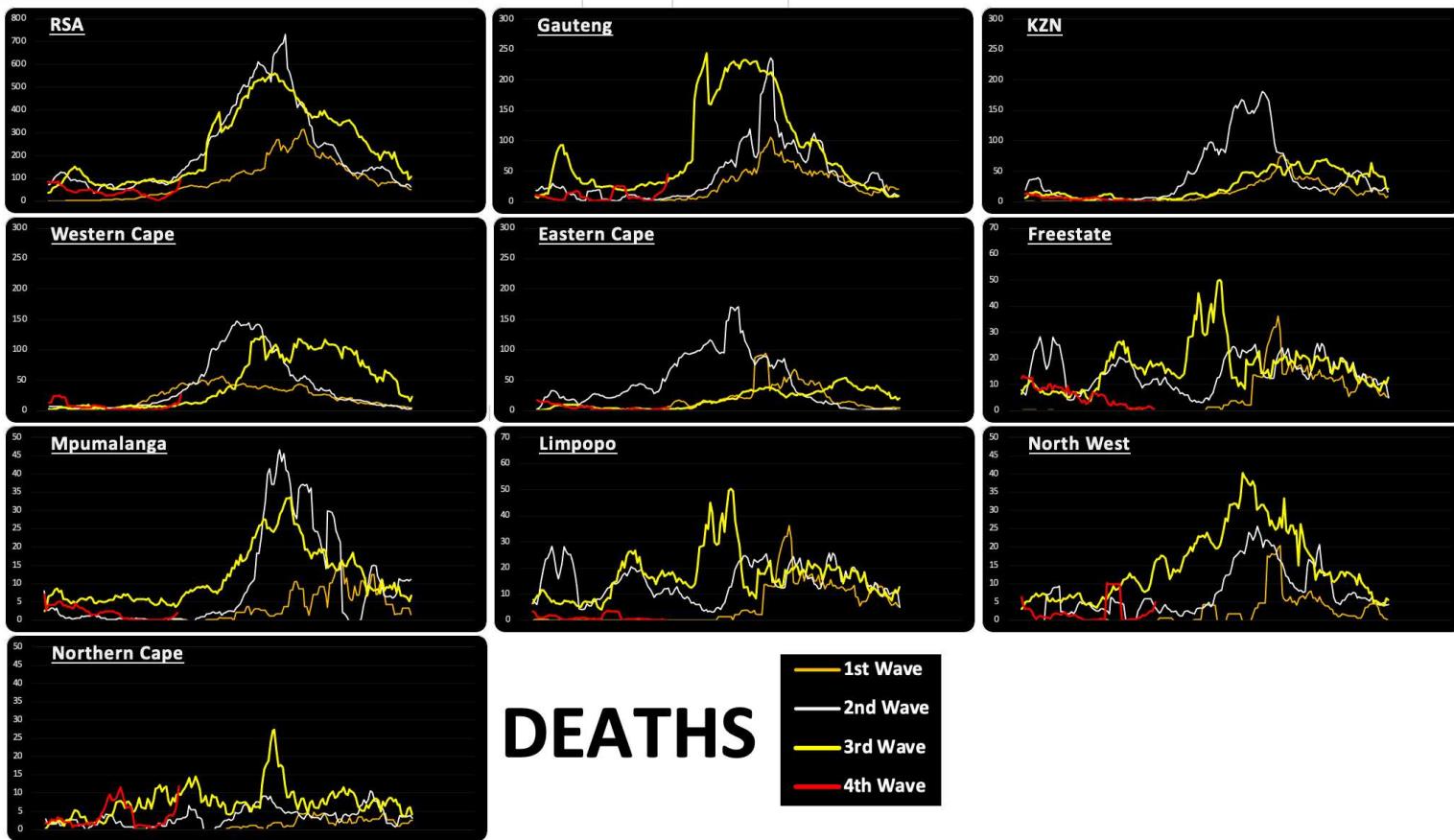
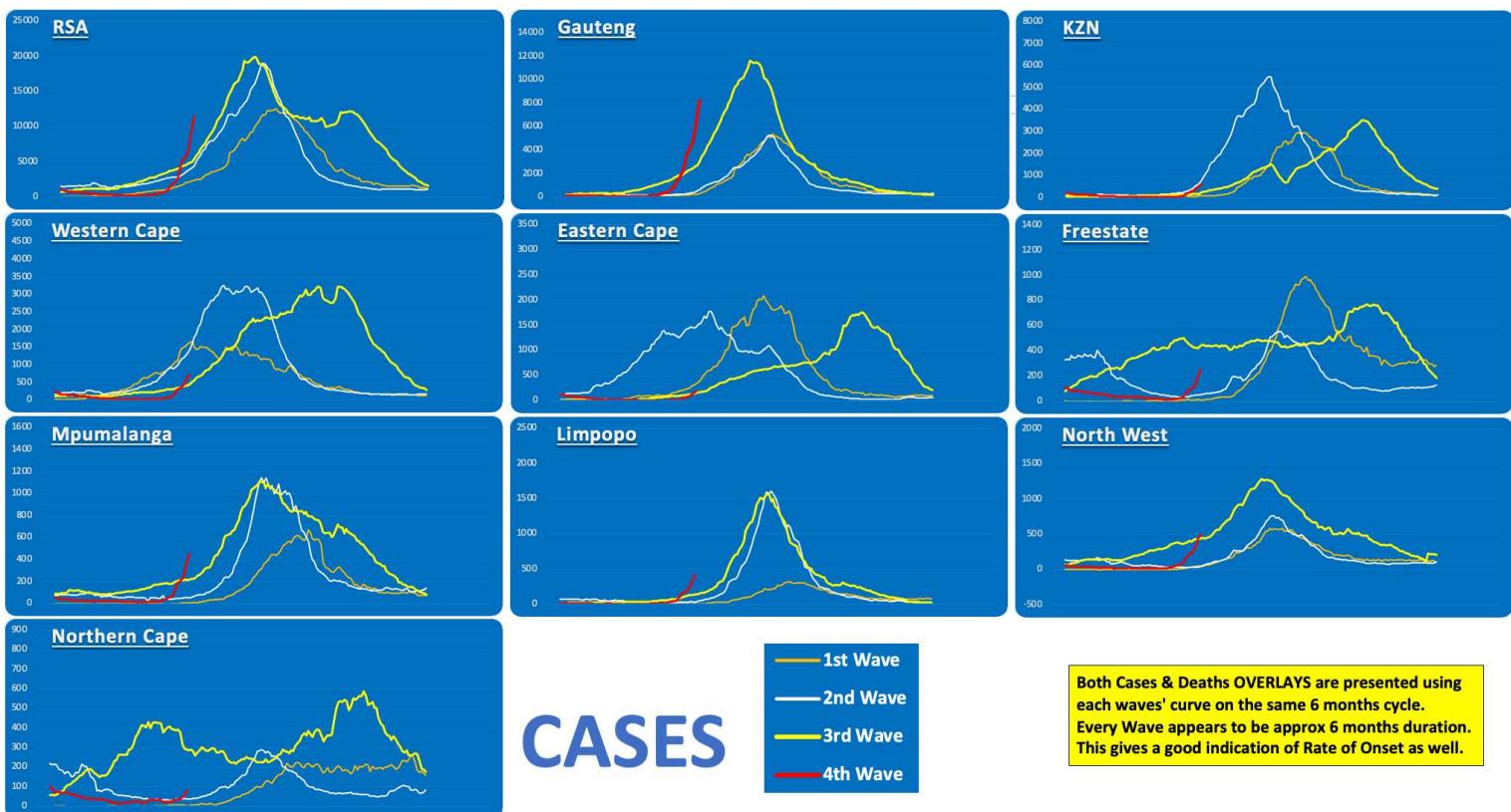
Prev 4 :	2,55	CUM per 100k PoP:
Prev 3 :	2,59	6385 Cases
Prev 2 :	2,85	185 Deaths
Prev 1 :	2,76	
Latest :	2,57	



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

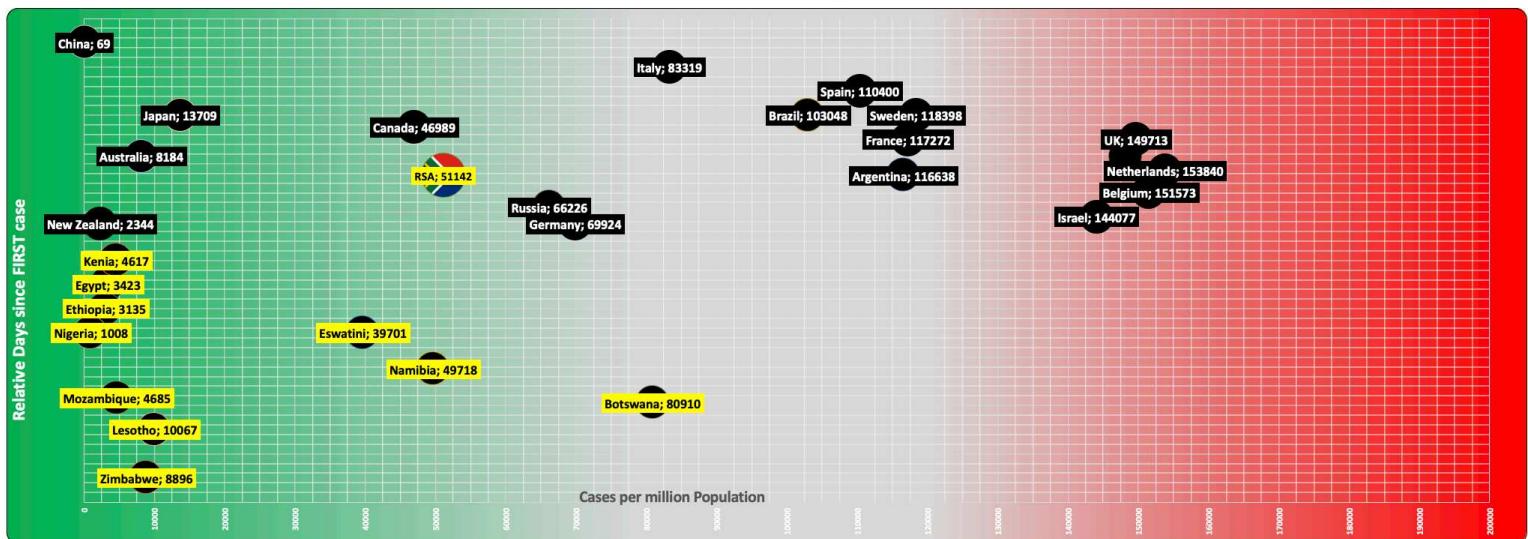
Page 2



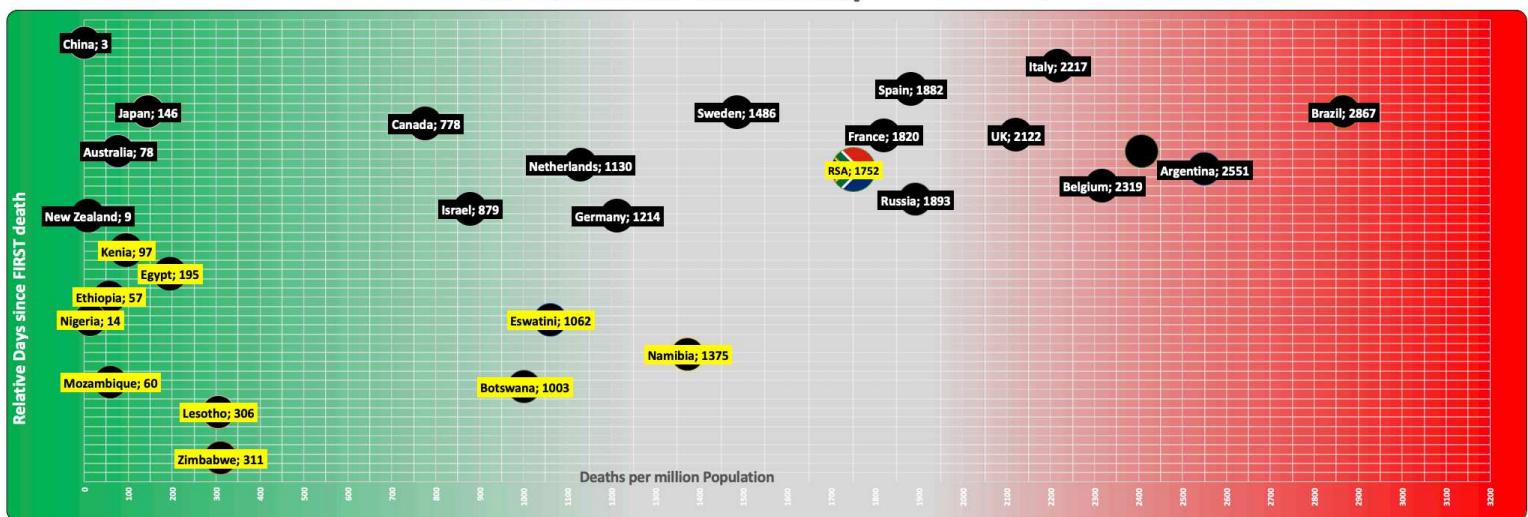


Selected Countries' Cum **REPORTED CASES** per mill PoP

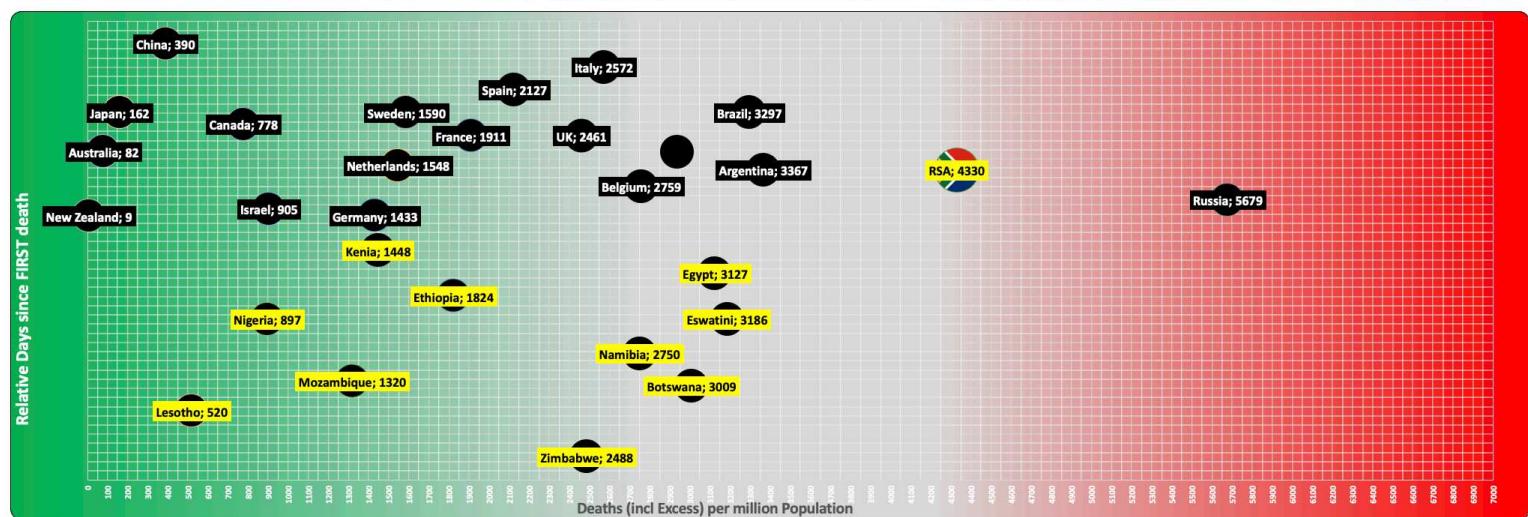
Page 2.2



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



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



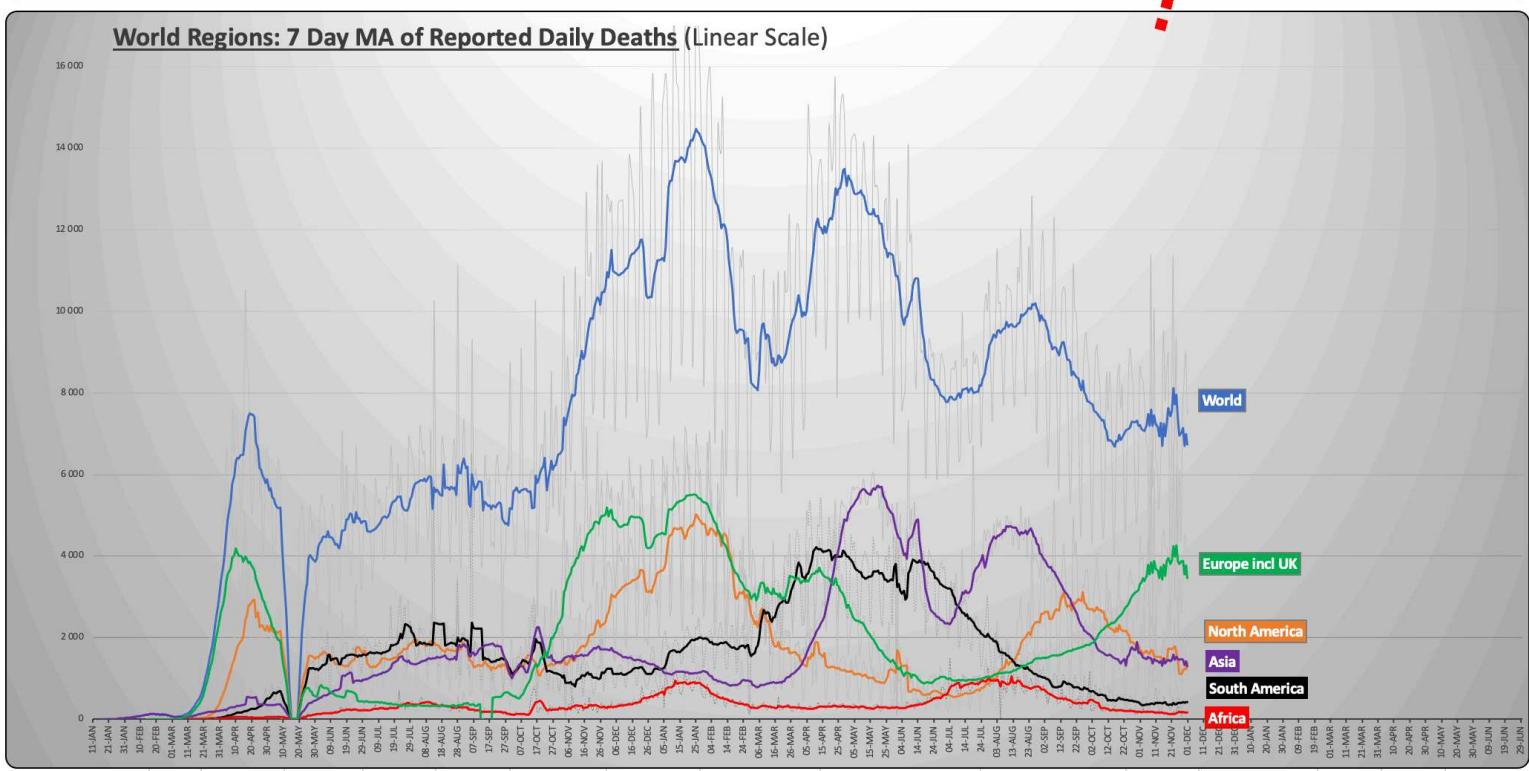
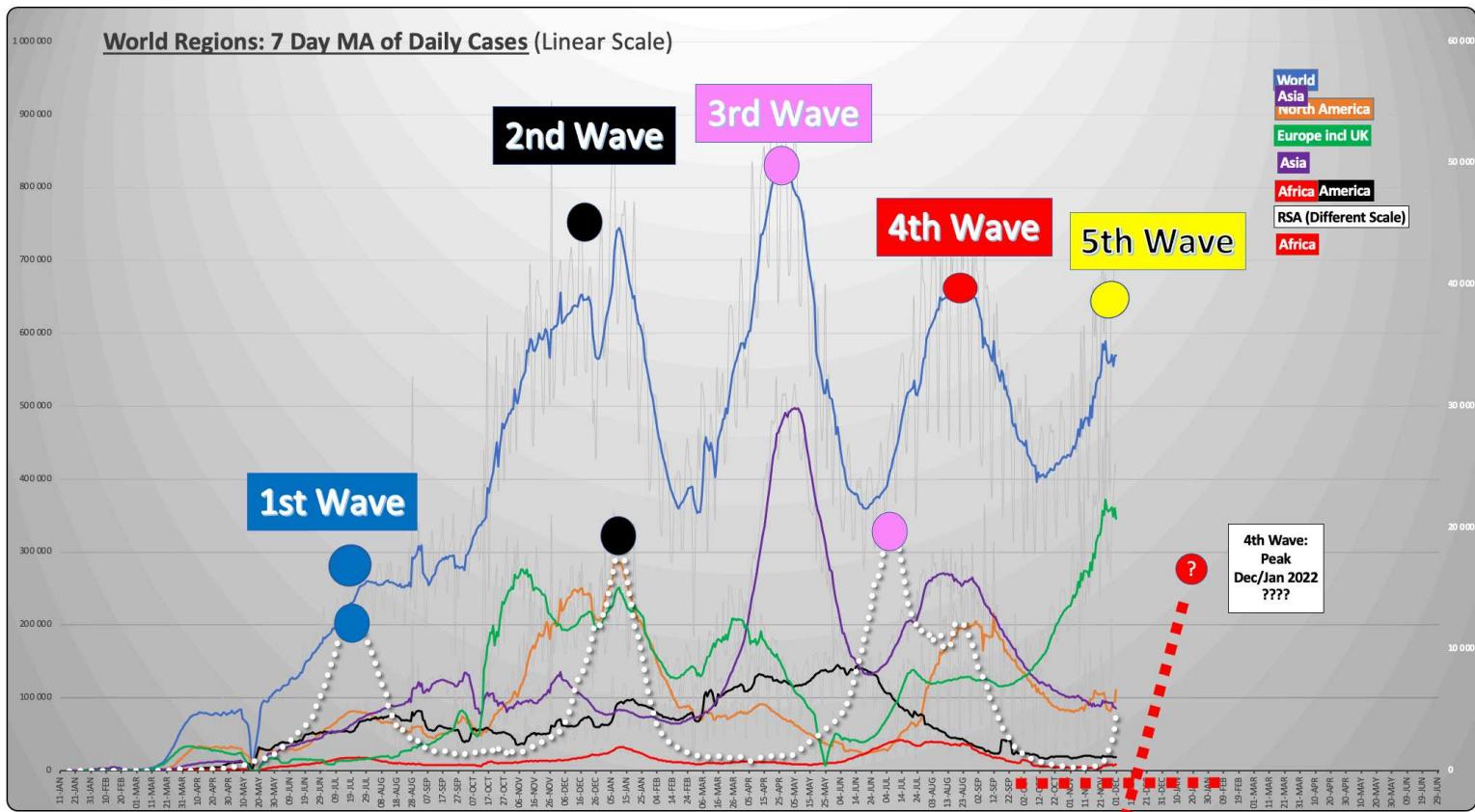
Data as at: 02 December 2021

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

hdg 03 December 2021

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

Page 3.0



Data as at: 03 December 2021 Unless otherwise indicated

hdg 03 December 2021

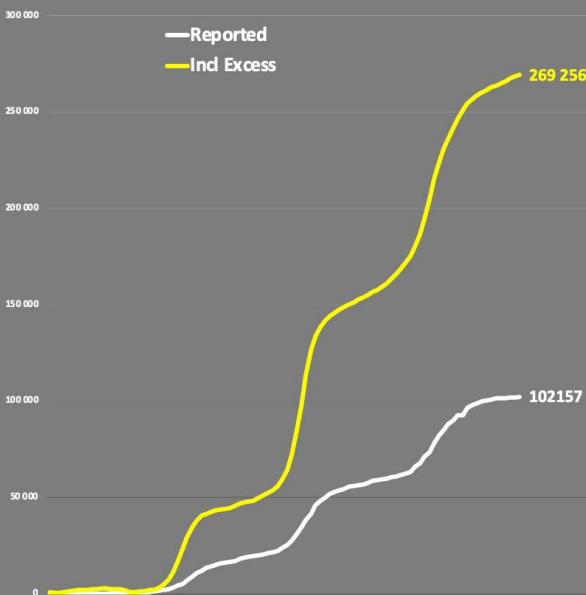
RSA Cum & Projected Deaths (Reported & Incl Excess)

As at : 20 November 2021

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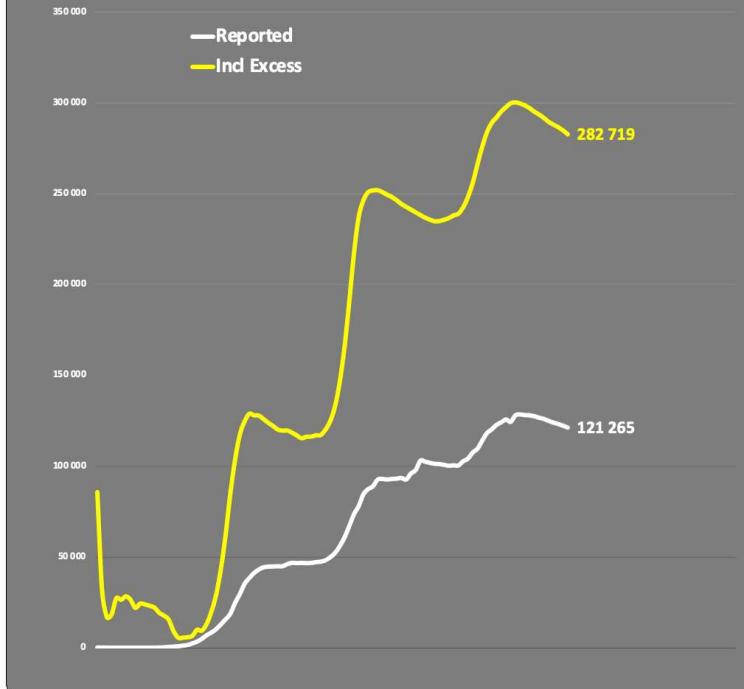
RSA CUM COVID DEATHS (updated weekly)

Assuming 90% of Excess Deaths are Covid related.

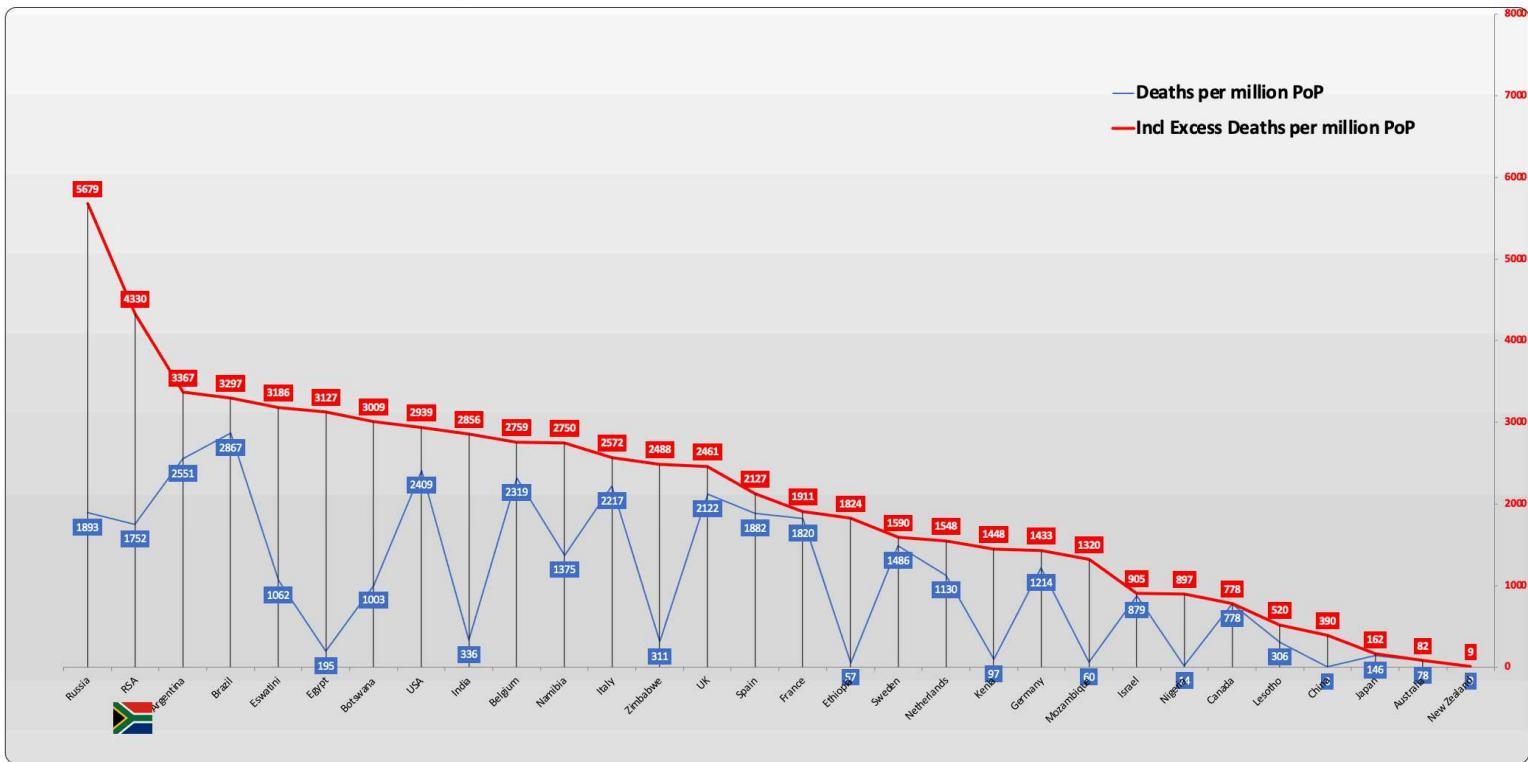


RSA CUM COVID DEATHS PROJECTED TO Mch 2022

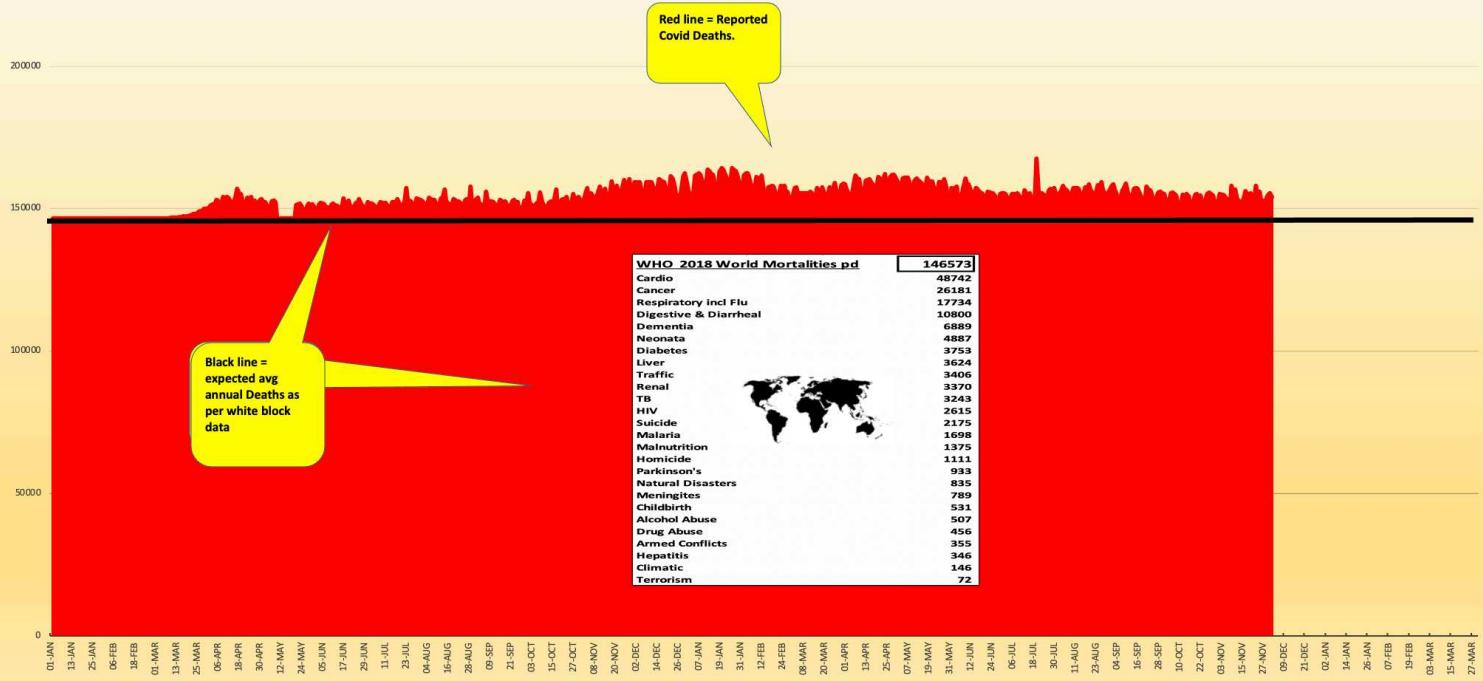
Assuming 90% of Excess Deaths are Covid related.



Selected Countries' Current Reported & Excess Deaths per million PoP



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



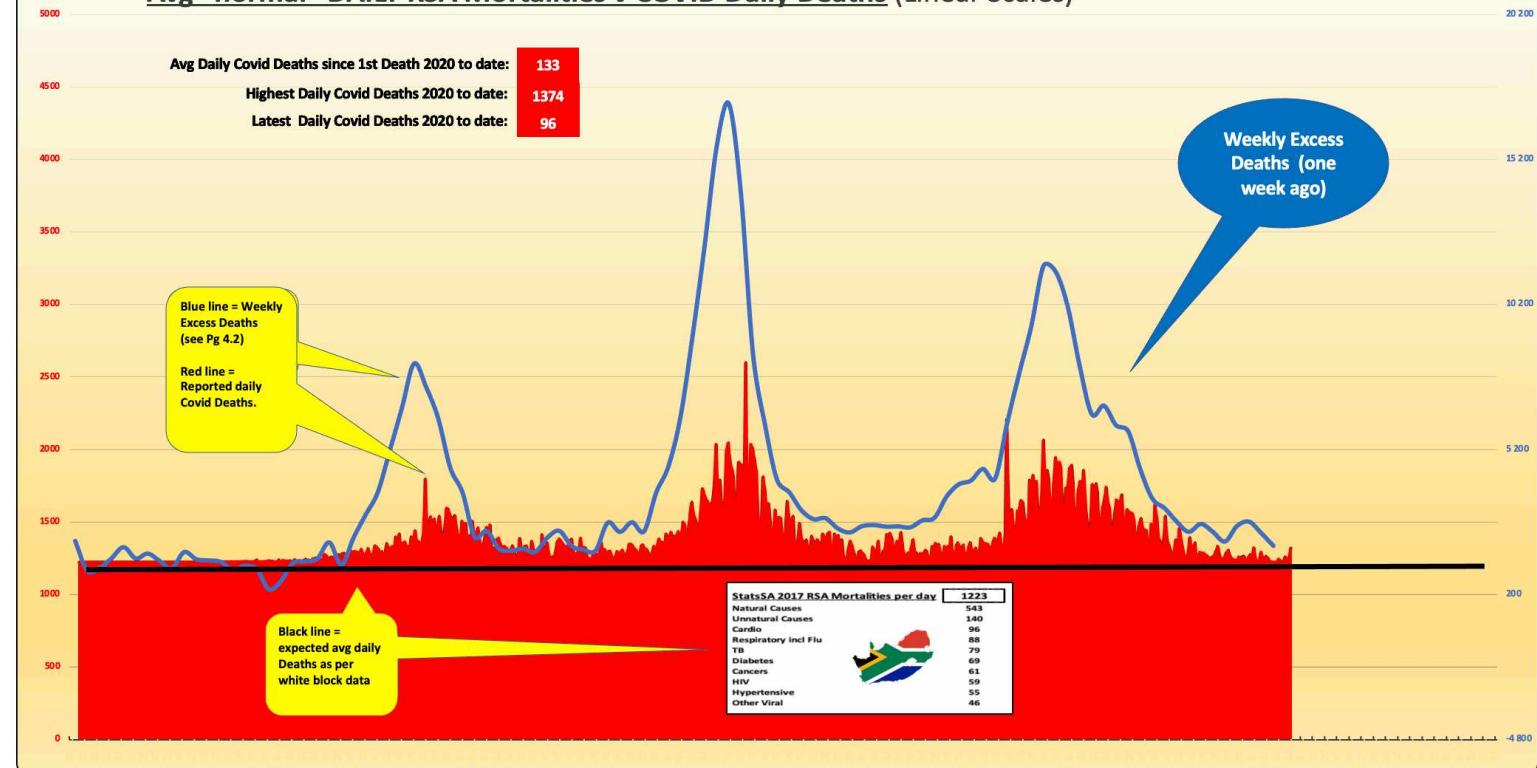
The two graphs WORLD (above) and RSA (below) attempt to put the number of Covid Deaths into some sort of perspective graphically.

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)

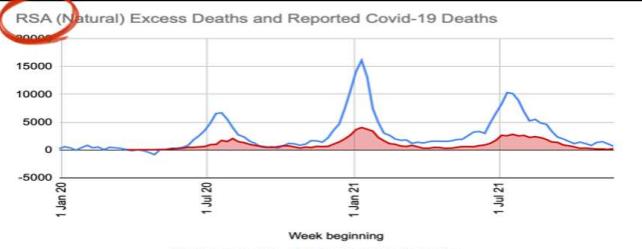
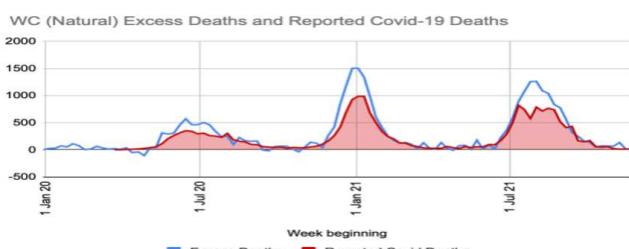
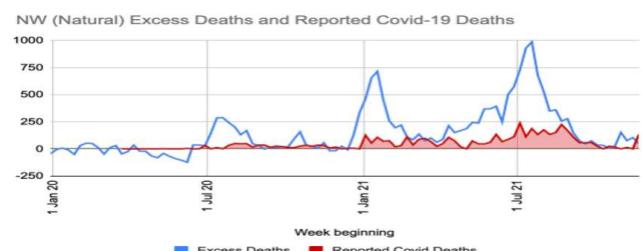
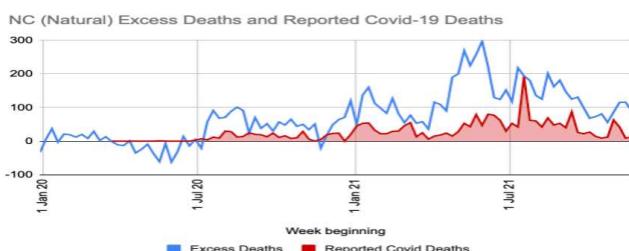
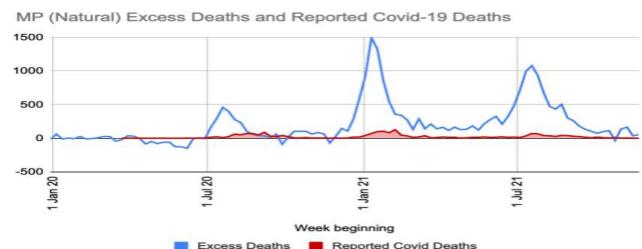
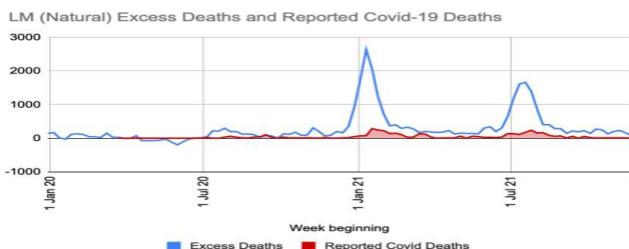
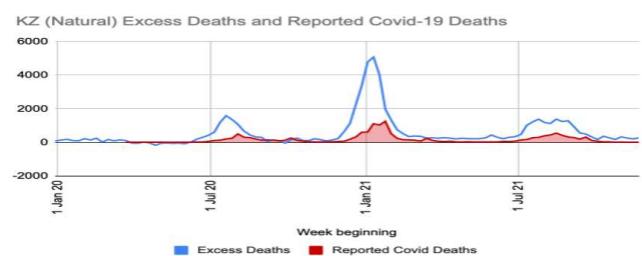
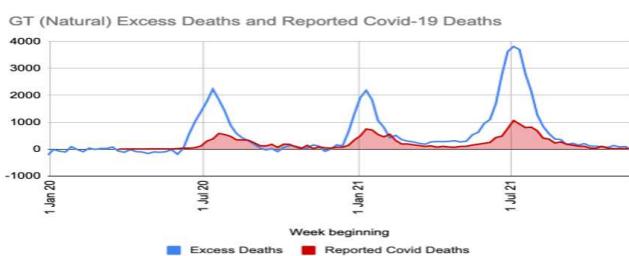
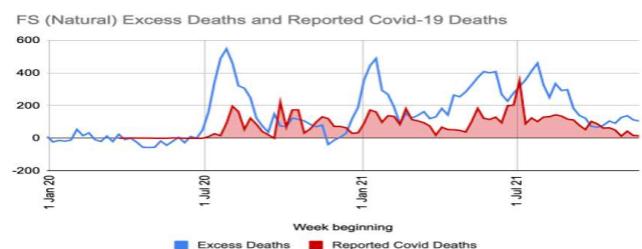
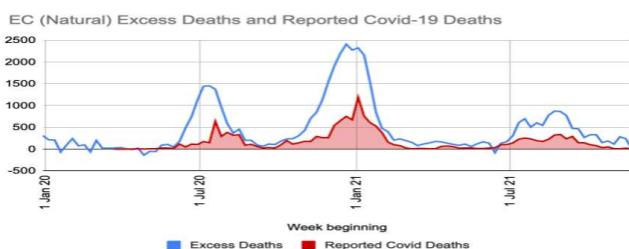


RSA Excess Deaths as per SA Medical Research Council

As at : 13 November 2021

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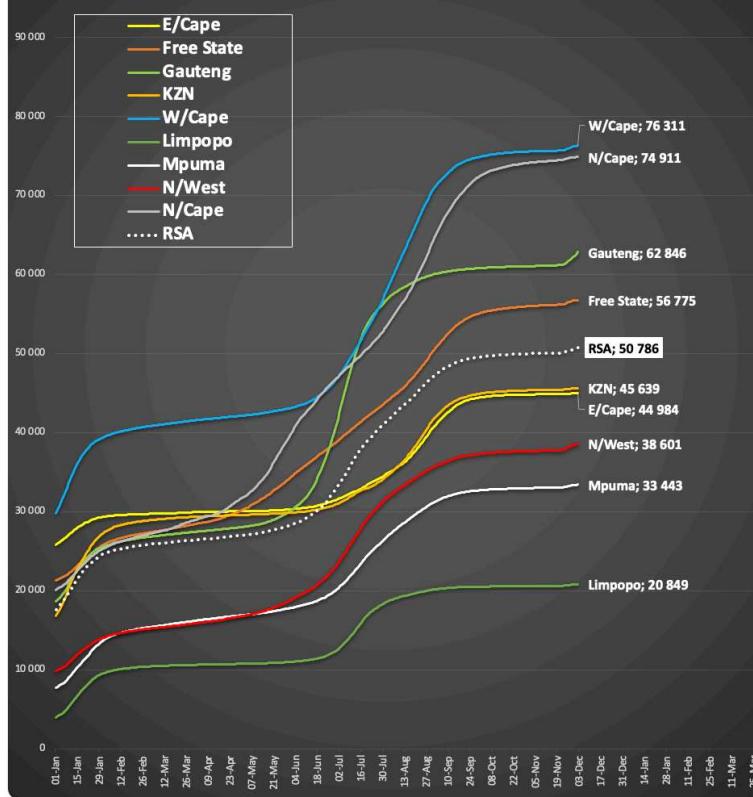
Provinces



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

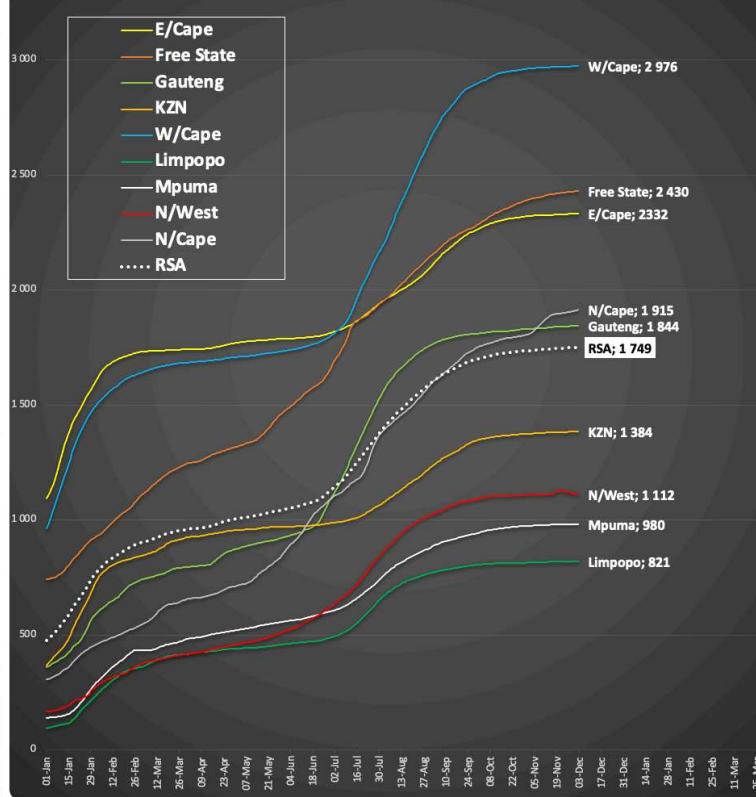
Reported CUM Covid CASES per mill PoP

Jan 2020 to end Mch 2022 7 Day MA

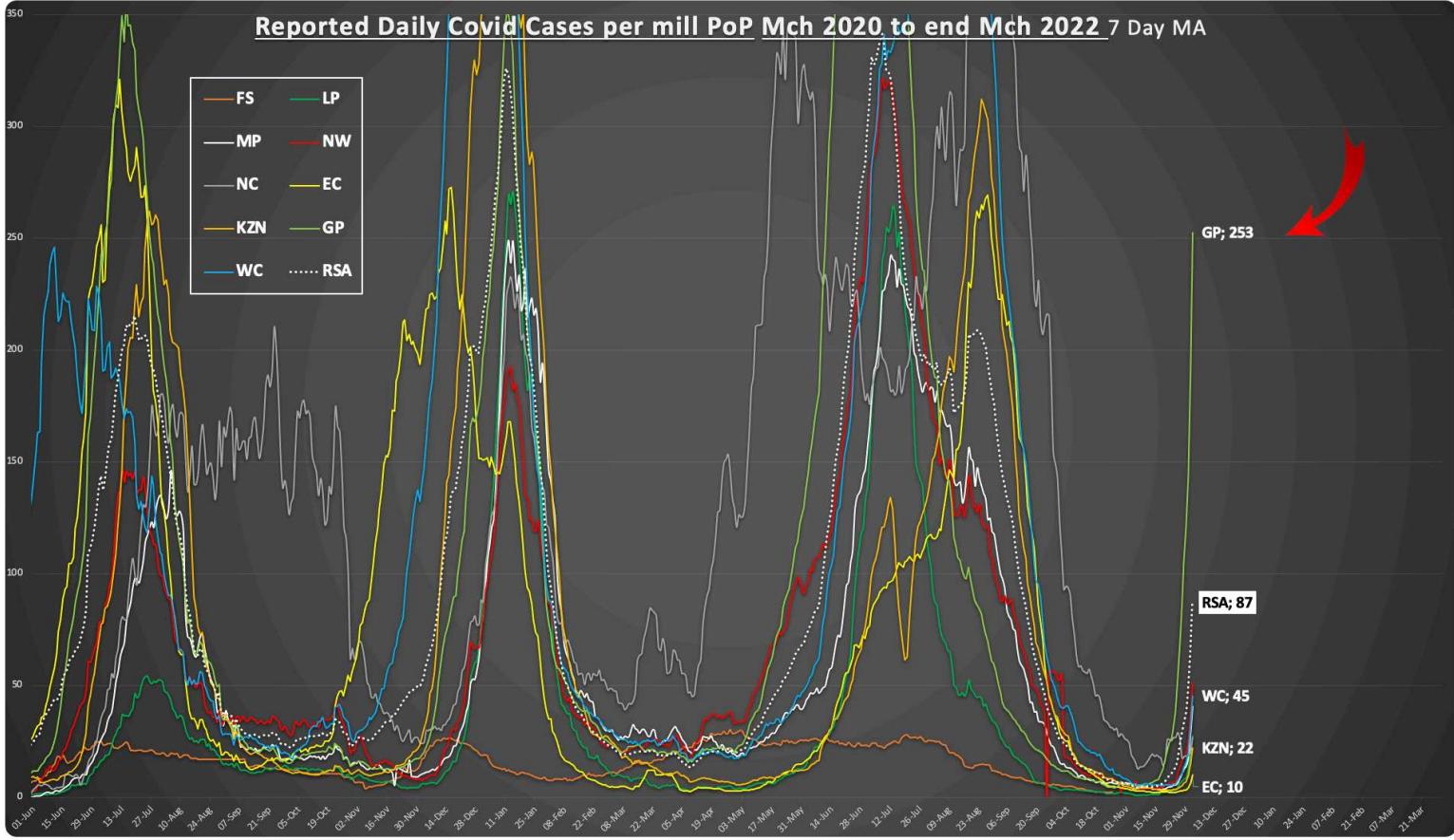


Reported CUM Covid DEATHS per mill PoP

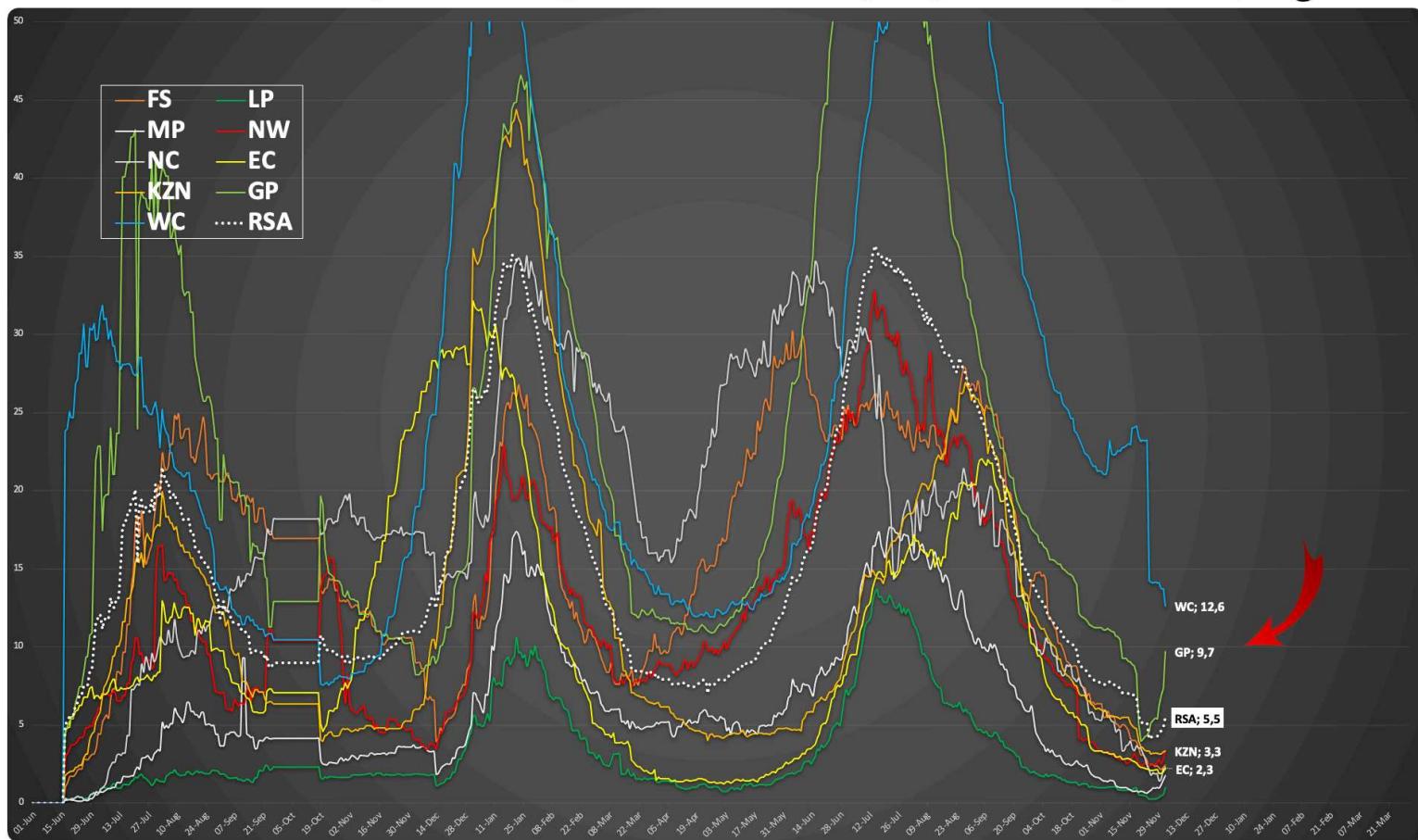
Jan 2020 to end Mch 2022 7 Day MA



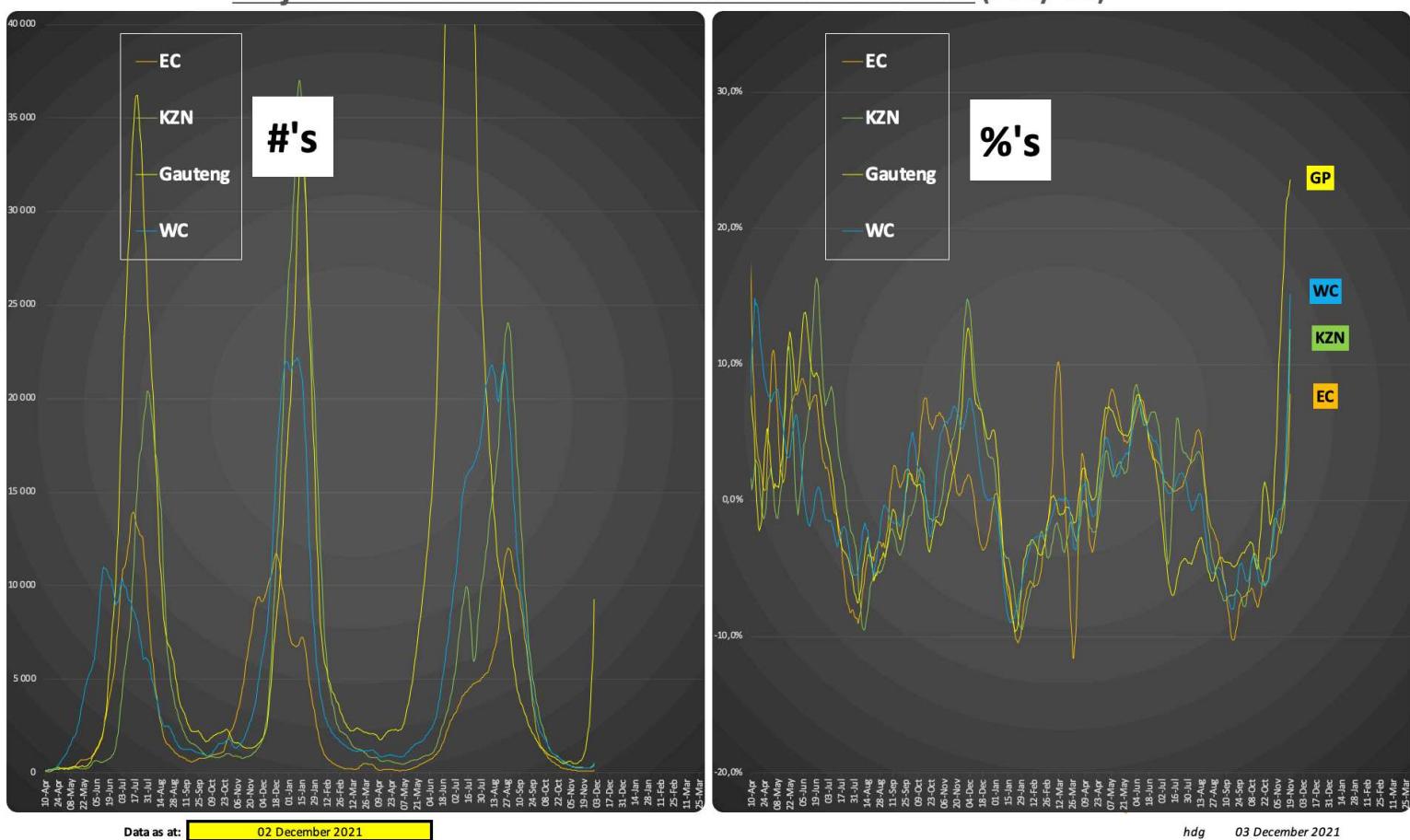
Reported Daily Covid Cases per mill PoP Mch 2020 to end Mch 2022 7 Day MA



RSA & Prov's Comparative Daily Covid Cases in Hospital per 100k Population Page 5.1

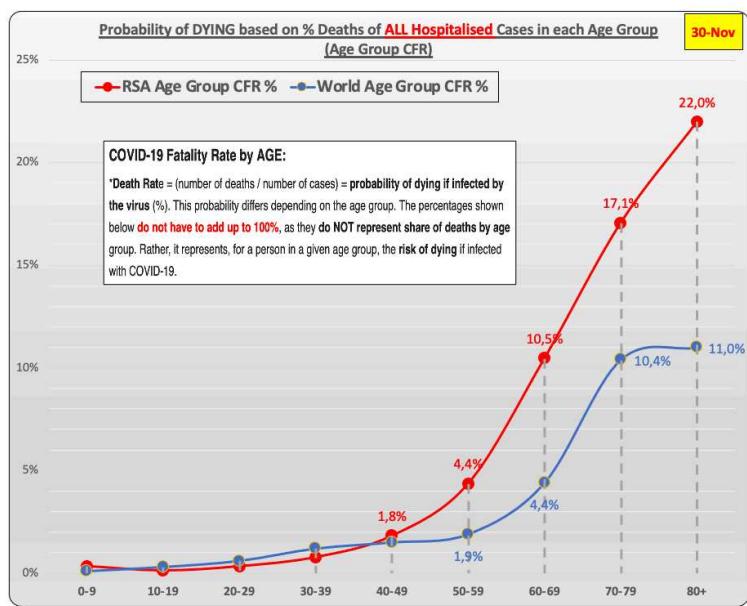
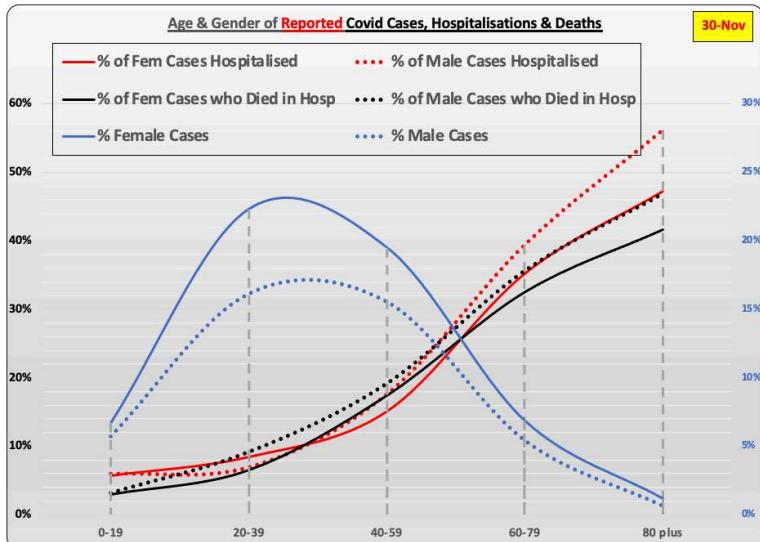
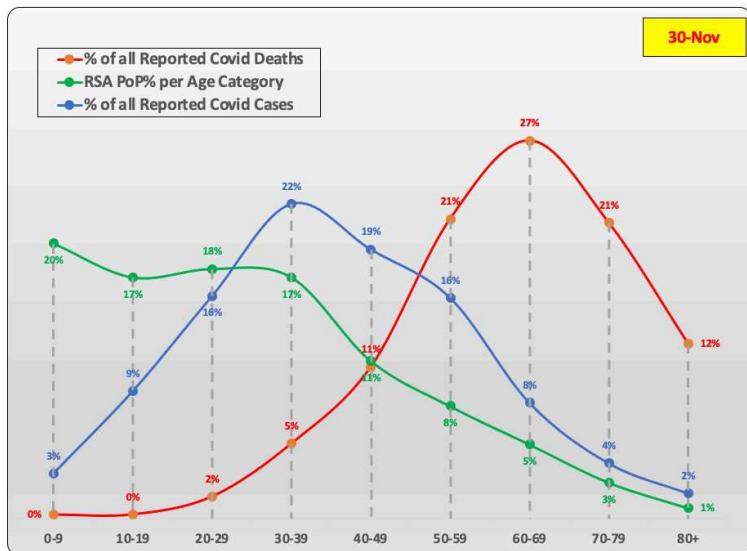


Major Prov's Week on Week New Case Escalation (7 day MA)



RSA Age & Gender Stats

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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

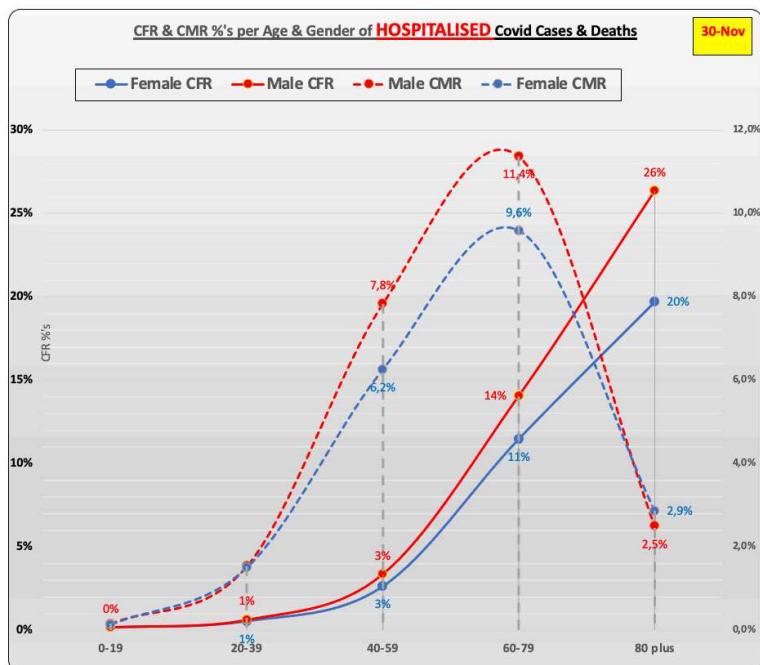
Based on 277 774 in-hospital outcomes (discharges and deaths) from 5 March 2020 - 10 July 2021

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% (circled)
Chronic pulmonary disease/Asthma	12 610	3 225	25.6%
Chronic kidney disease	4 707	2 100	44.6% (circled)
Cancer	1 311	503	38.4% (circled)
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: @sugan2503

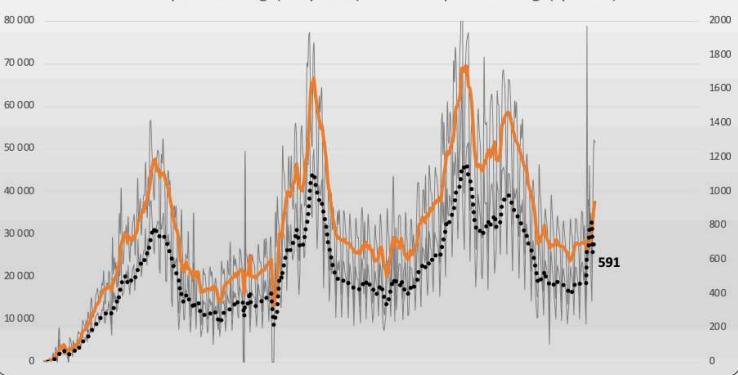
Data as at: As indicated per graph



hdg 03 December 2021

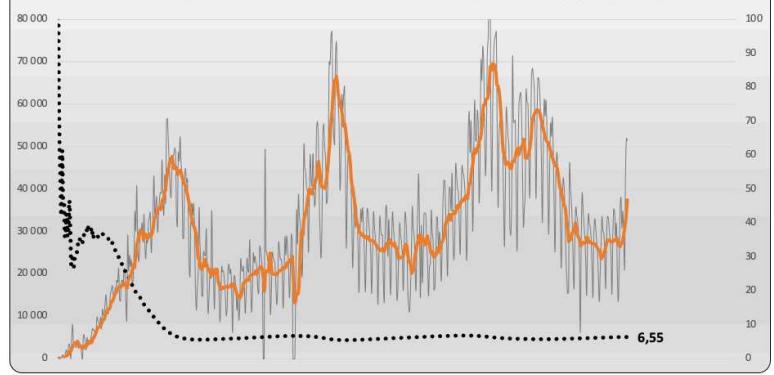
RSA: Daily Tests per million PoP

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



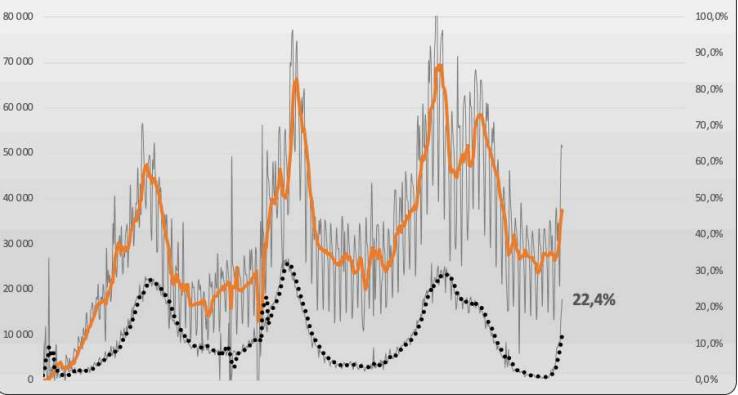
RSA: Daily Tests per +Case

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



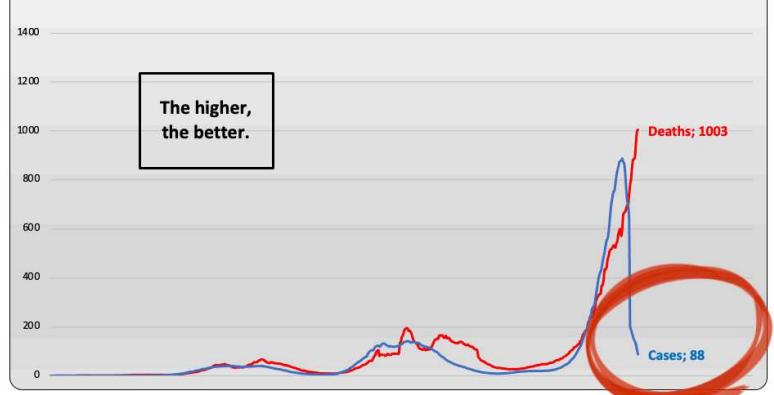
RSA: Daily Tests Positivity %

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



RSA Doubling Times in Days

— Deaths — Cases

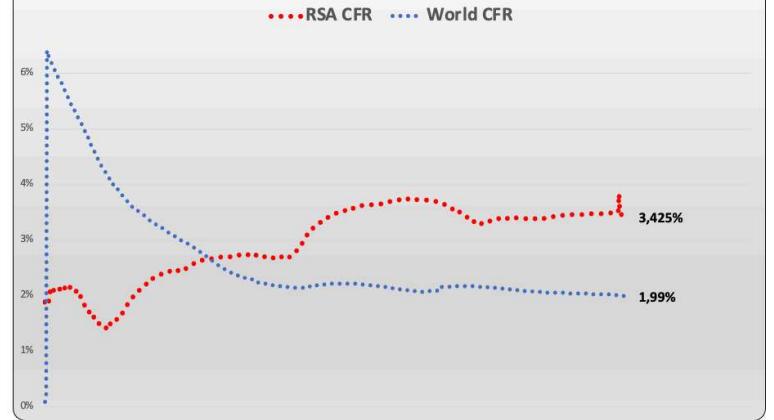


RSA: Case Recovery Rate (CRR) & PoP Covid Mortality Rate



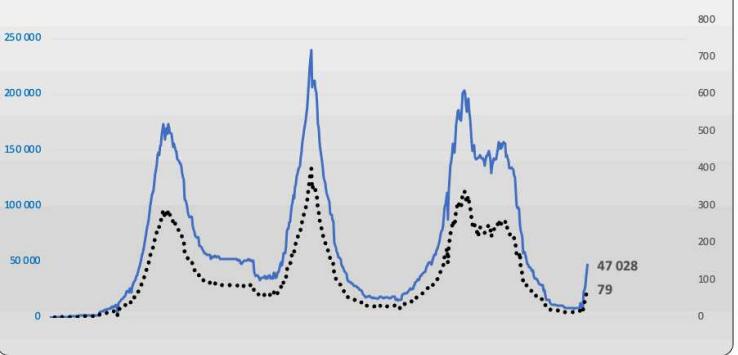
Covid Reported Deaths as % of Reported Cases (CFR)

····· RSA CFR ······ World CFR



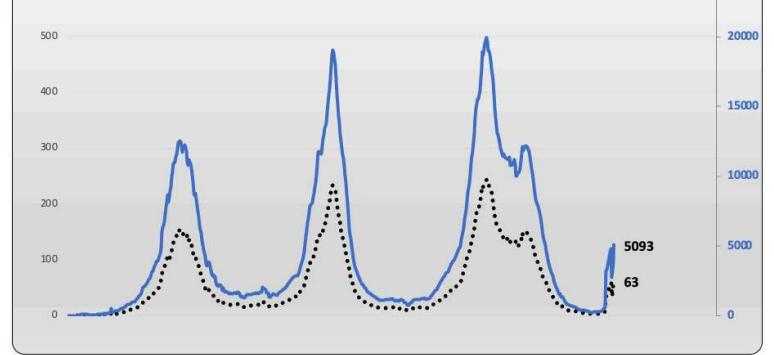
RSA: Still Active Reported Cases per 100k PoP

— Still Active Cases ······ ActCp100 kPoP



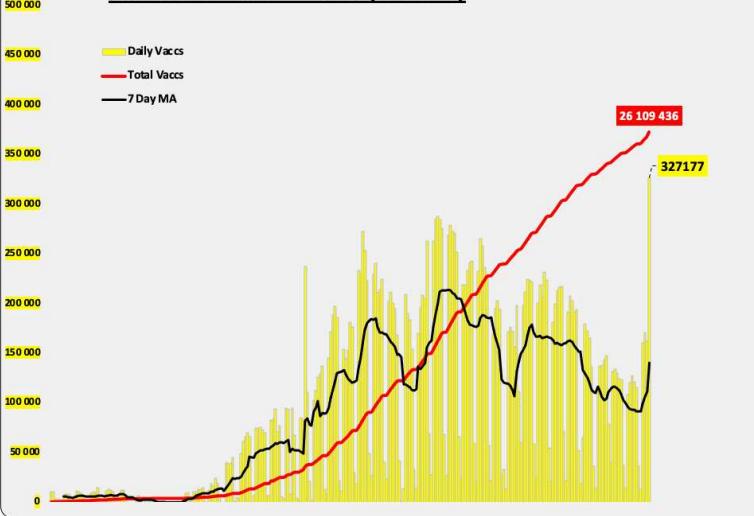
RSA: Avg New Reported Cases per week per 100k PoP

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



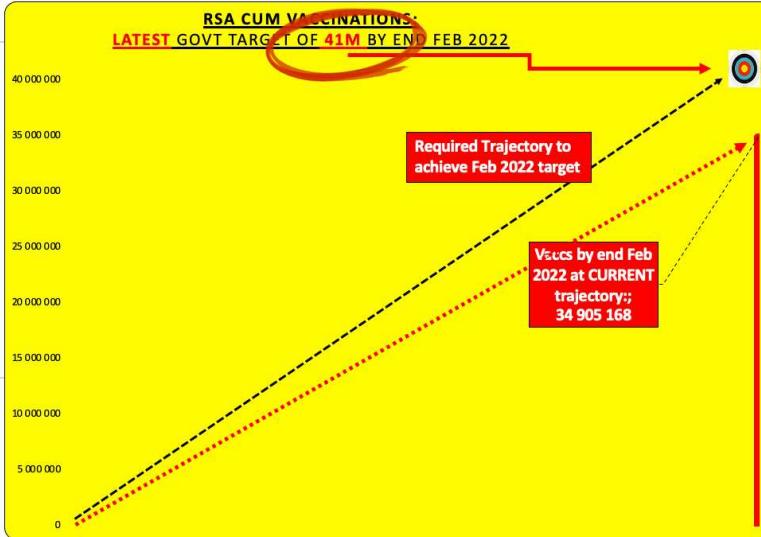
Vaccination Data

RSA DAILY VACCINATIONS (ALL VAX)



RSA CUM VACCINATIONS*

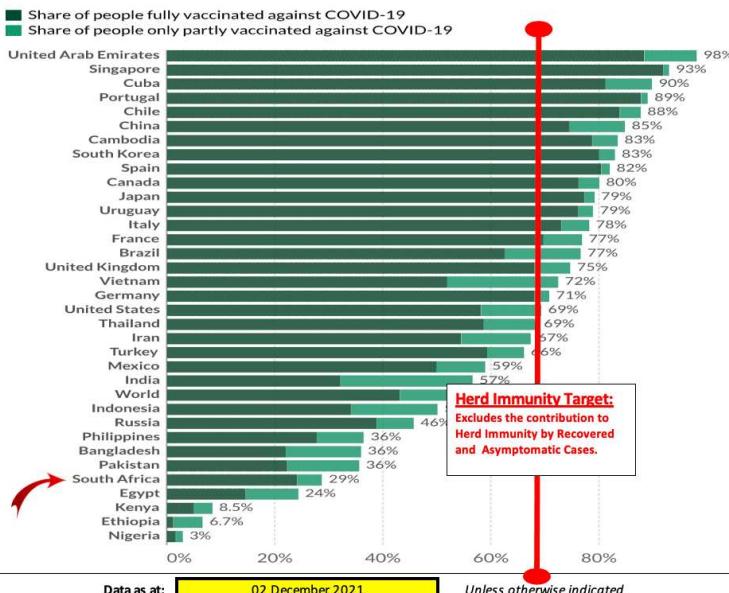
LATEST GOVT TARGET OF 41M BY END FEB 2022



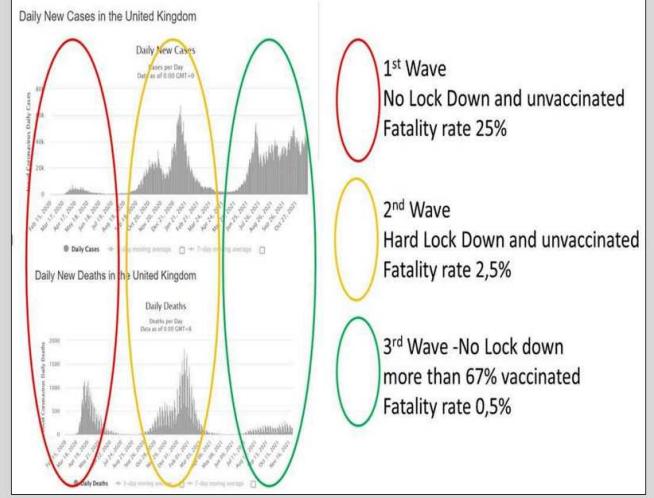
Share of people vaccinated against COVID-19, Nov 30, 2021

Our World In Data

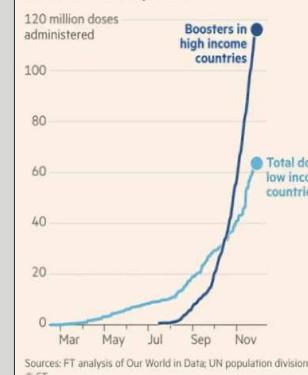
Alternative definitions of a full vaccination, e.g. having been infected with SARS-CoV-2 and having 1 dose of a 2-dose protocol, are ignored to maximize comparability between countries.



Vaccine Efficacy & Inequality

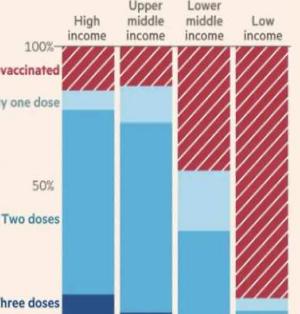


Rich countries have given out far more boosters in four months than poor countries have given total doses all year...



...exacerbating stark inequalities in vaccine coverage

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

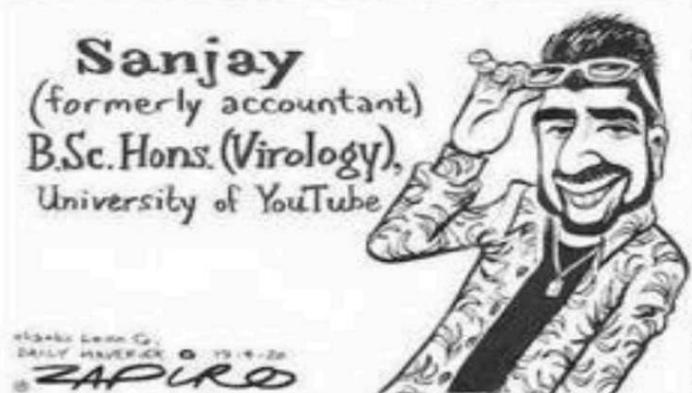
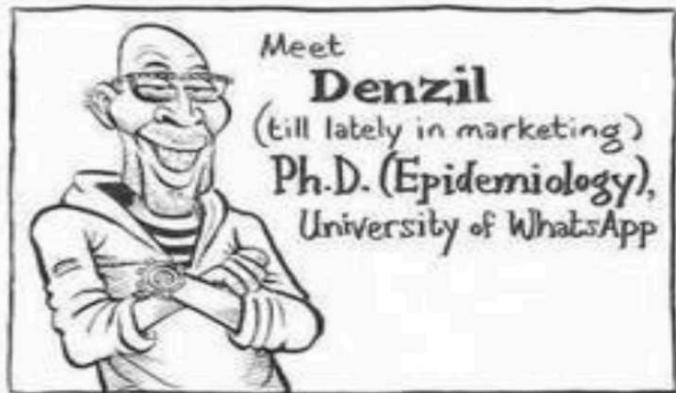


COVID-19 Total Individuals Fully Vaccinated Summary as at 17:00 30 Nov 2021 (Excluding 12 - 17 Years)			
Total Adult Population by Province [18 Years and Older] (1)		Individuals Fully Vaccinated as a % of the Adult Population (3)	
Total Number of Individuals Fully Vaccinated (2)		Individuals Fully Vaccinated as a % of the Adult Population (3)	
39,798,201	14,321,679	35.99%	
Province	Total Adult Population [18 Years & Older]	Total Individuals Fully Vaccinated	Individuals Fully Vaccinated as a % of the Adult Population
Eastern Cape	4,099,543	1,686,672	41.14%
Free State	1,914,521	841,454	43.95%
Gauteng	11,311,326	3,579,759	31.65%
KwaZulu-Natal	7,219,795	2,219,685	30.74%
Limpopo	3,695,801	1,582,939	42.83%
Mpumalanga	3,039,520	964,581	31.73%
North West	2,693,247	994,757	36.90%
Northern Cape	847,545	327,595	38.65%
Western Cape	4,976,903	2,125,237	42.70%
Total	39,798,201	14,321,679	35.99%
Age Group	Total Adult Population [18 Years & Older]	Total Individuals Fully Vaccinated	Individuals Fully Vaccinated as a % of the Adult Population
18-34 Years	17,788,511	3,887,915	21.86%
35-49 Years	11,686,937	4,710,247	40.38%
50-59 Years	4,817,271	2,561,397	53.37%
60+ Years	5,305,482	2,130,285	57.22%
Unidentified	0	3,105	0.00%
Total	39,798,201	14,321,679	35.99%

Definitions:

- (1) Total Adult Population [18 Years and Older] (1)
- (2) Total Number Individuals Fully Vaccinated: Pfizer (single dose regimen) or Pfizer (two dose regimen) first & second dose administered
- (3) % of Total Adult Population [18 Years and Older] Fully Vaccinated: Total Number Individuals Fully Vaccinated(2) divided by Total Adult Population(1)

A smile is the best vaccine....



IVERMECTIN

PLEASE READ !!!



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.