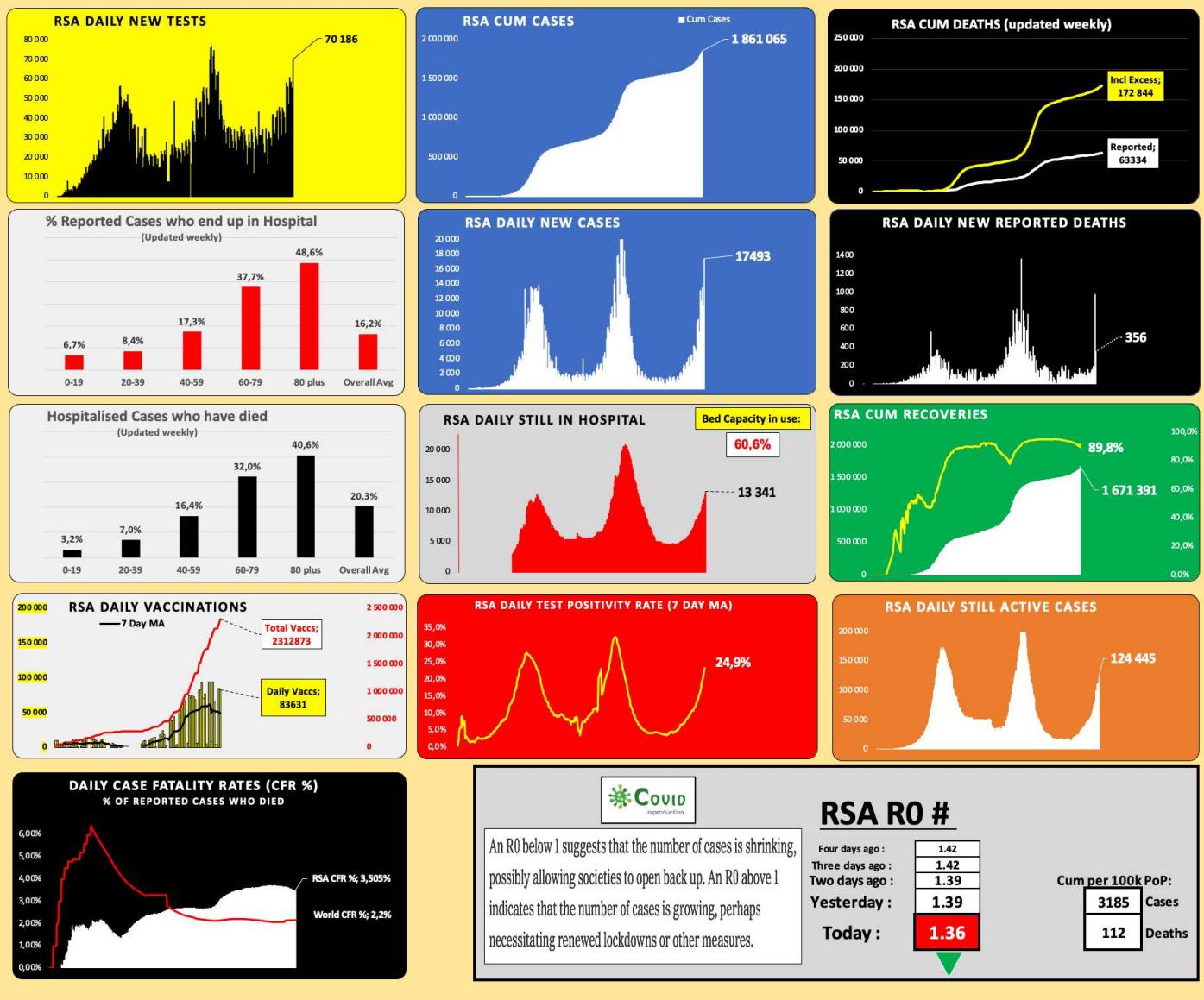


HarryG COVID-19 Dashboard

Page 1

Cum Cases		Daily Cases		RSA COVID-19 DASHBOARD	Daily Still in Hospital	Case Fatality Rates (CFR): Reported Cases Hospital Cases		Vaccinations:		Time to achieve Govt Target of 41m vaccs
1 861 065	17 493				13341	3,50%	20,20%	Daily Avg	19 274	5,74 Yrs
Still Active +Cases	Cum Cases p mill PoP	Cum Deaths p mill PoP			23 June 2021		% of RSA PoP who have died :		7 Day MA Vaccs pd	49 580
124 445	31 081	1089			Cum Deaths	Daily	Reported Deaths Incl Excess Deaths			2,23 Yrs
Deaths Ages Deaths Deaths	Avg Median Min Age Max Age		65 229	356	0,109% 0,289%	Total Vaccs to date:	2 312 873			
62,5	58,1	0,2	106	Cases Deaths CFR Hospitalised	Reported Deaths Incl Excess Deaths		Cum Tests	Daily Tests		
Female :	57,4%	52,1%	2,95%	55,4%		0,17% 0,44%		12 703 421	70 186	
Male :	42,6%	47,9%	3,66%	44,6%				Daily Test Positivity Rate: 24,9%		



Data as at: 23 June 2021

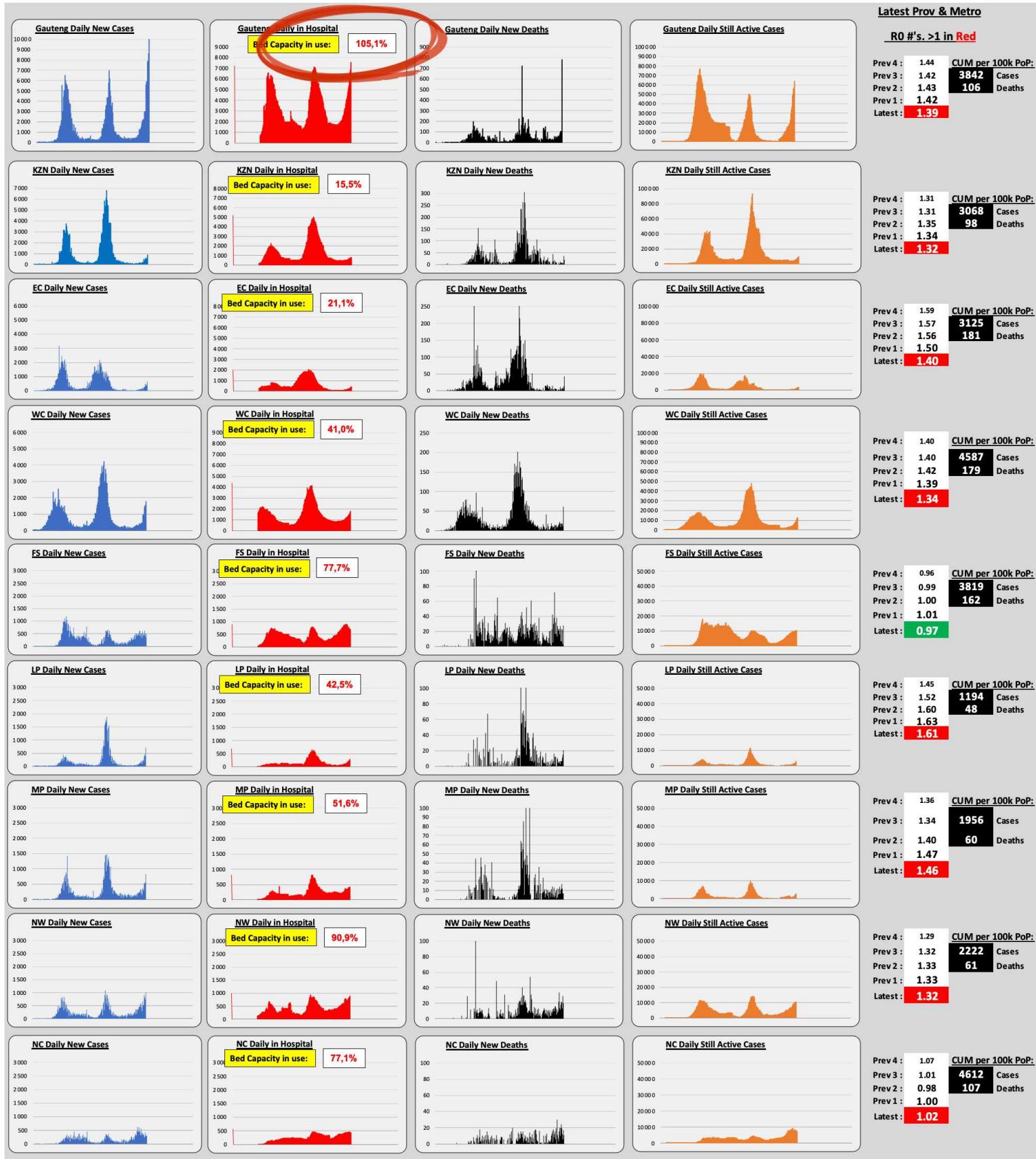
Unless otherwise indicated

hdg

24 June 2021

RSA Provinces detailed daily Data and Trends Jan 2020 to Dec 2021

Page 1.1



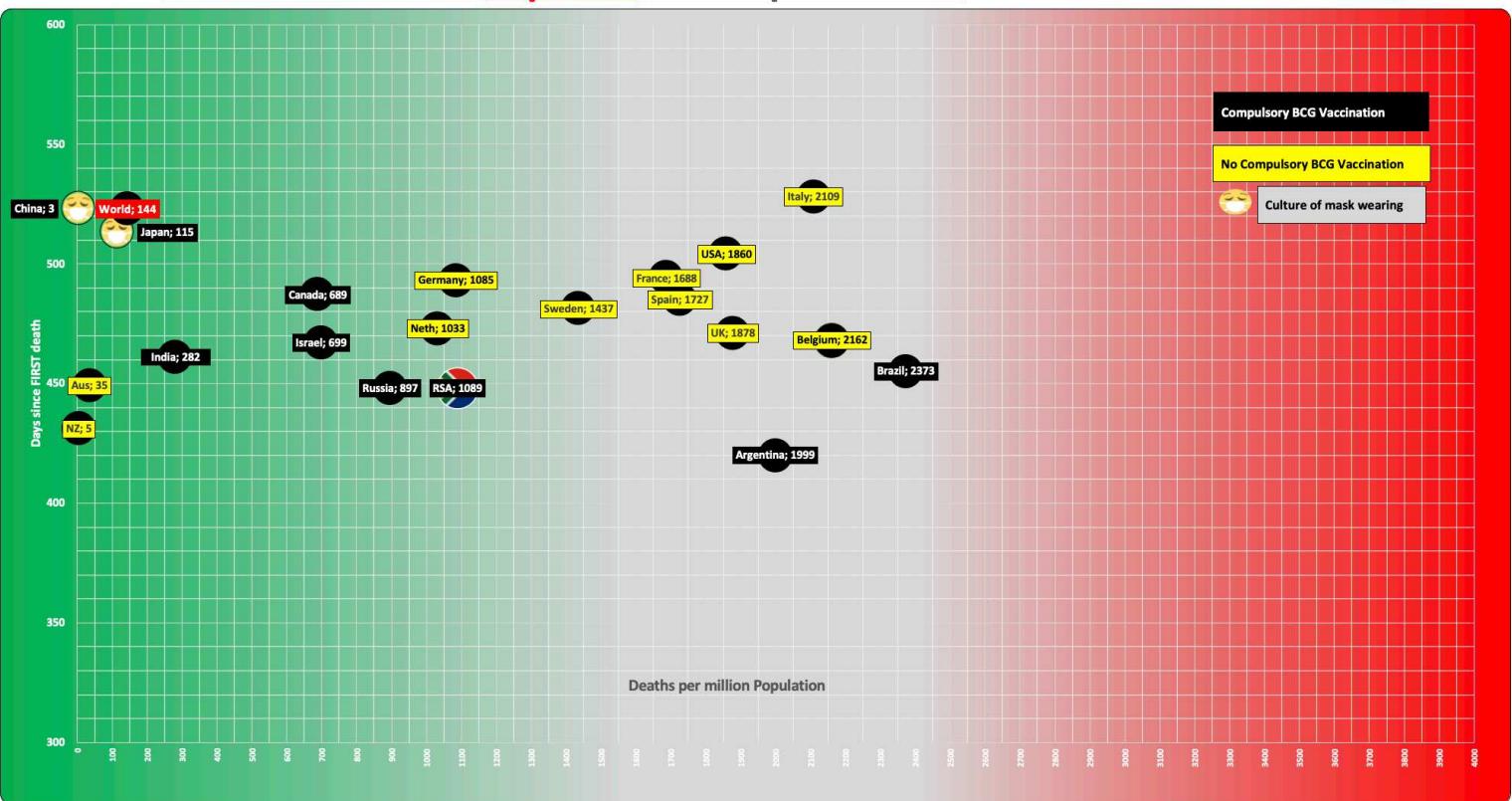
Data as at: 23 June 2021

Unless otherwise indicated

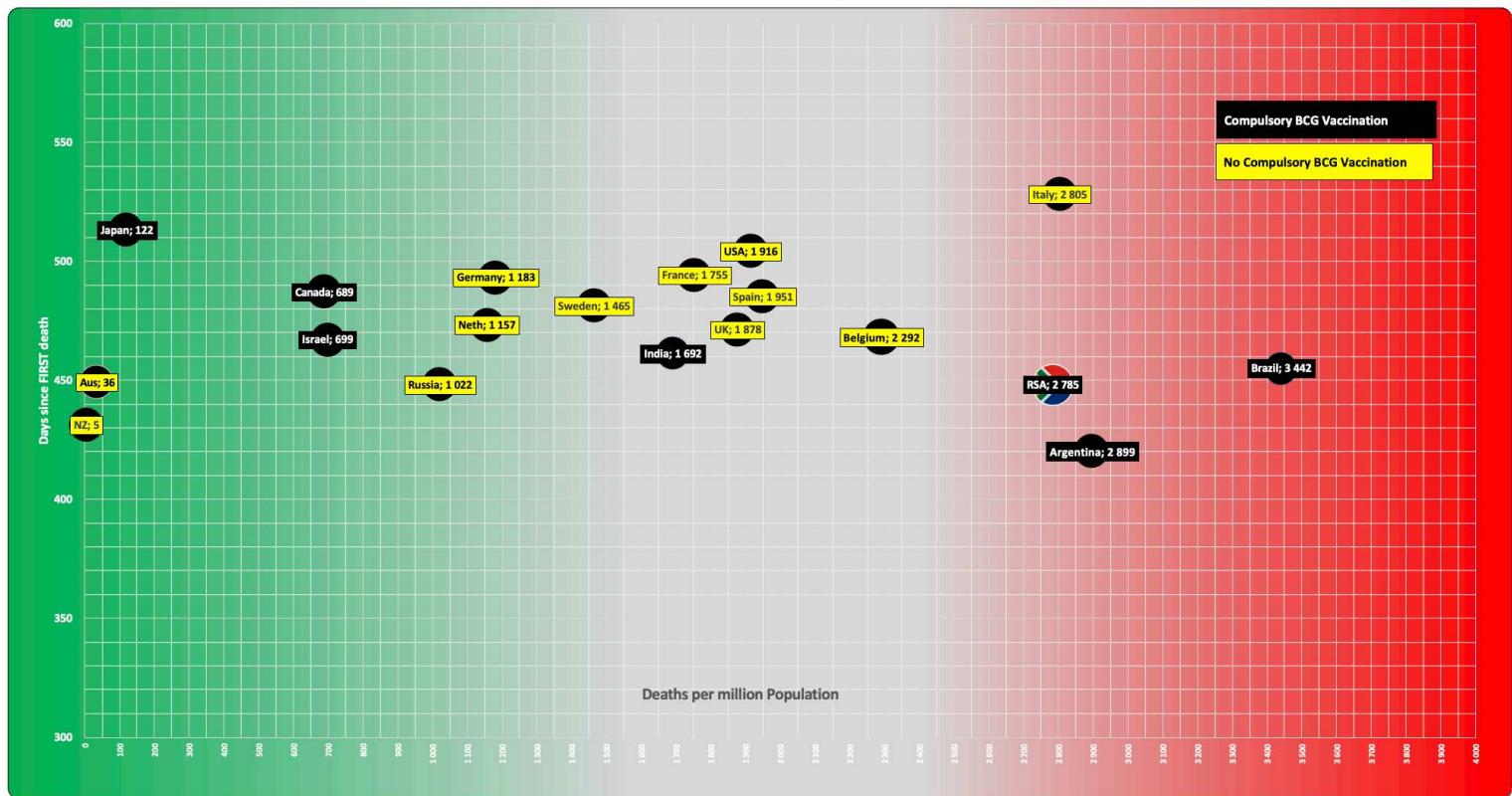
hdg 24 June 2021

Selected Countries' Reported Deaths per mill PoP

Page 2

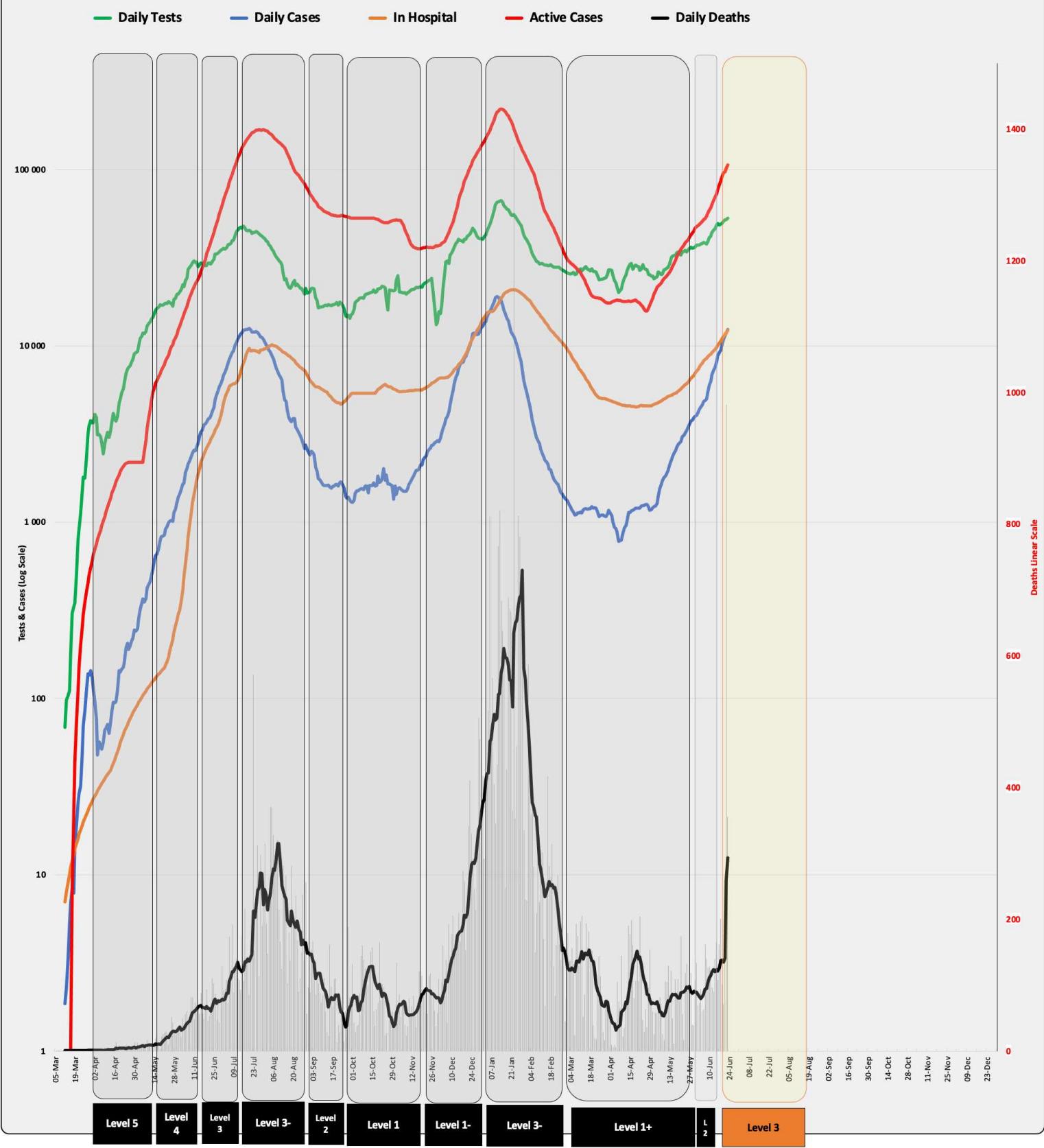


Selected Countries' Deaths incl Excess Deaths per mill PoP (where data available)



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

Page 2.1



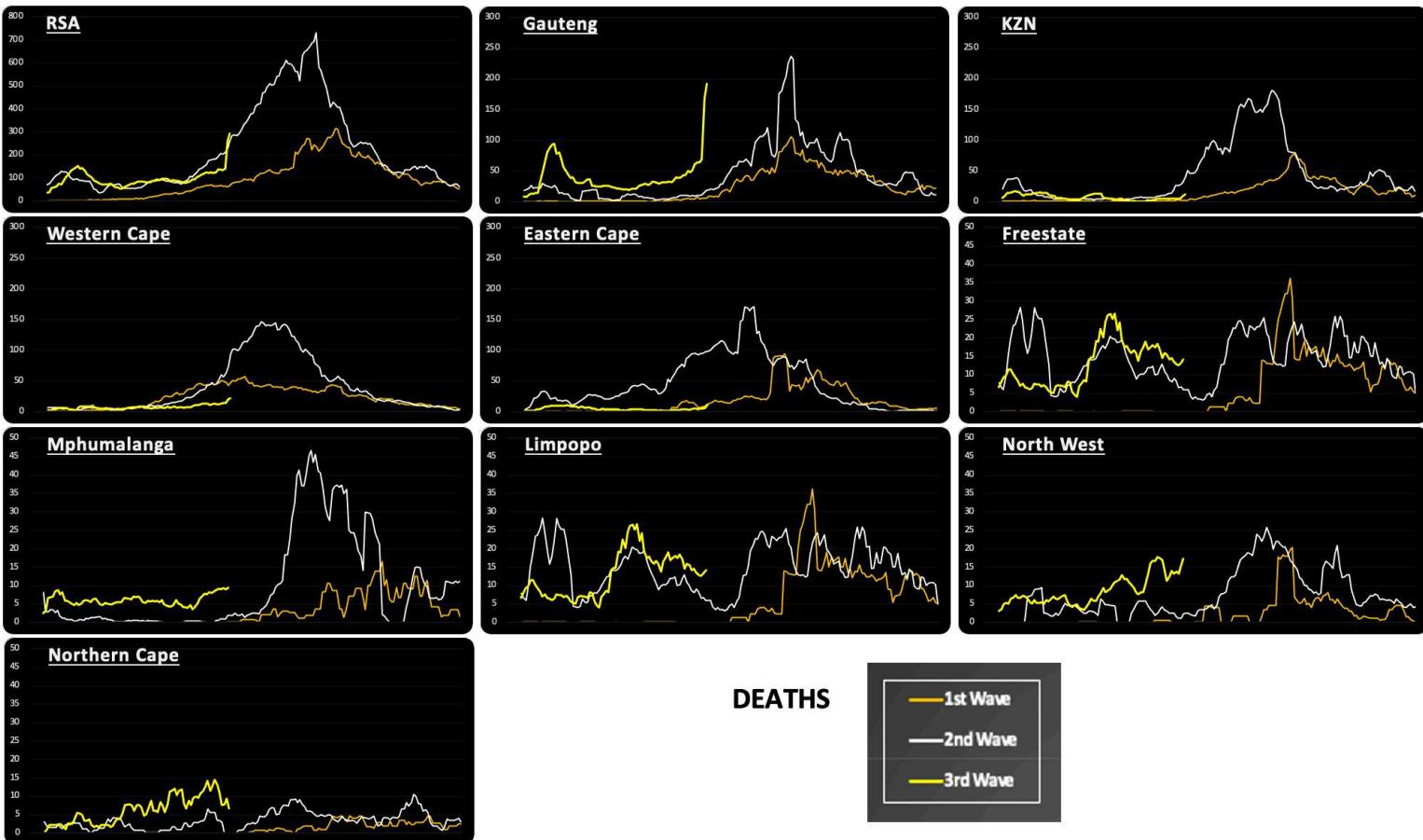
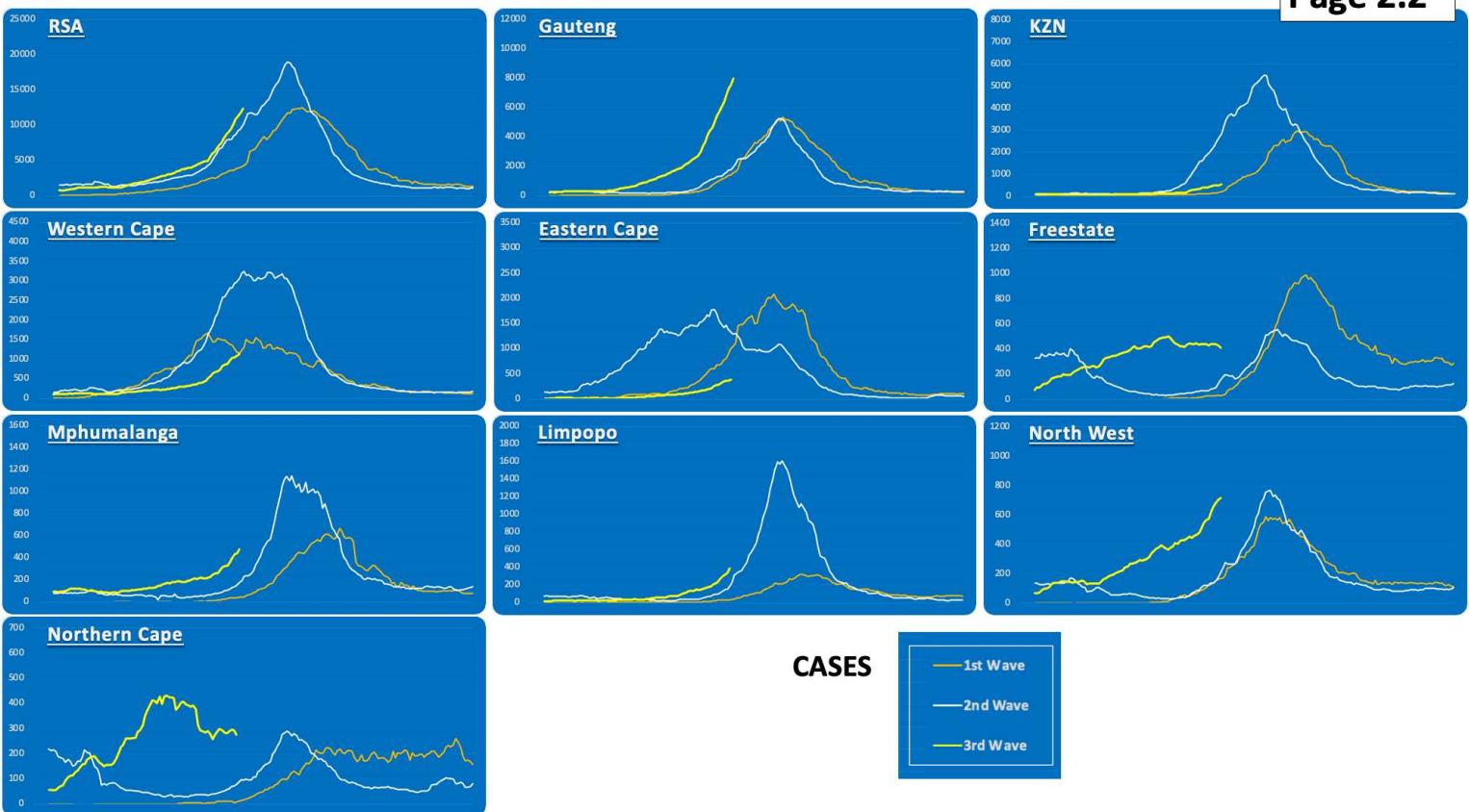
Data as at: 23 June 2021

Unless otherwise indicated

hdg 24 June 2021

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

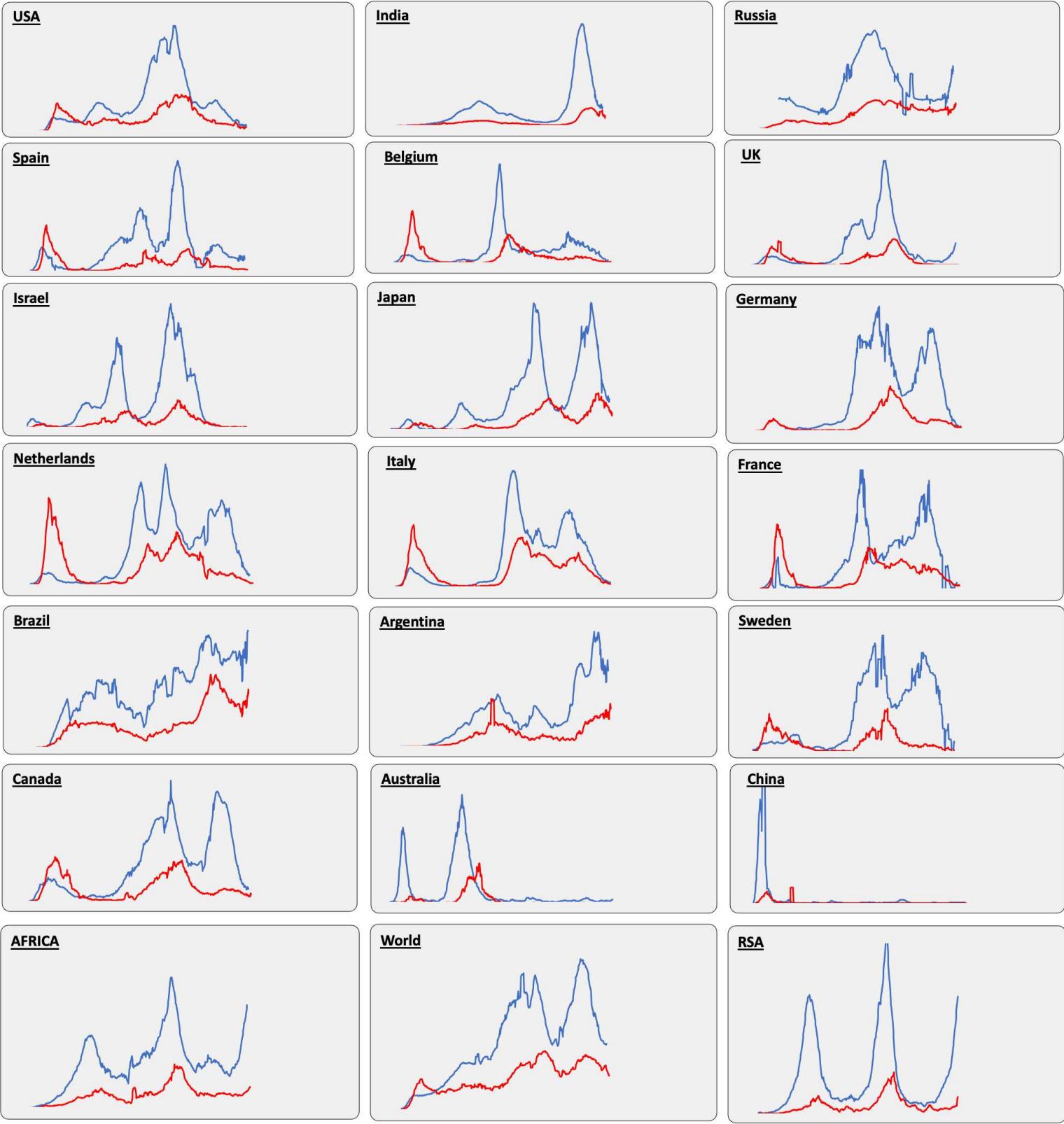
Page 2.2



World Daily Reported New Cases & New Deaths
 (Two linear vertical axes, not proportional)

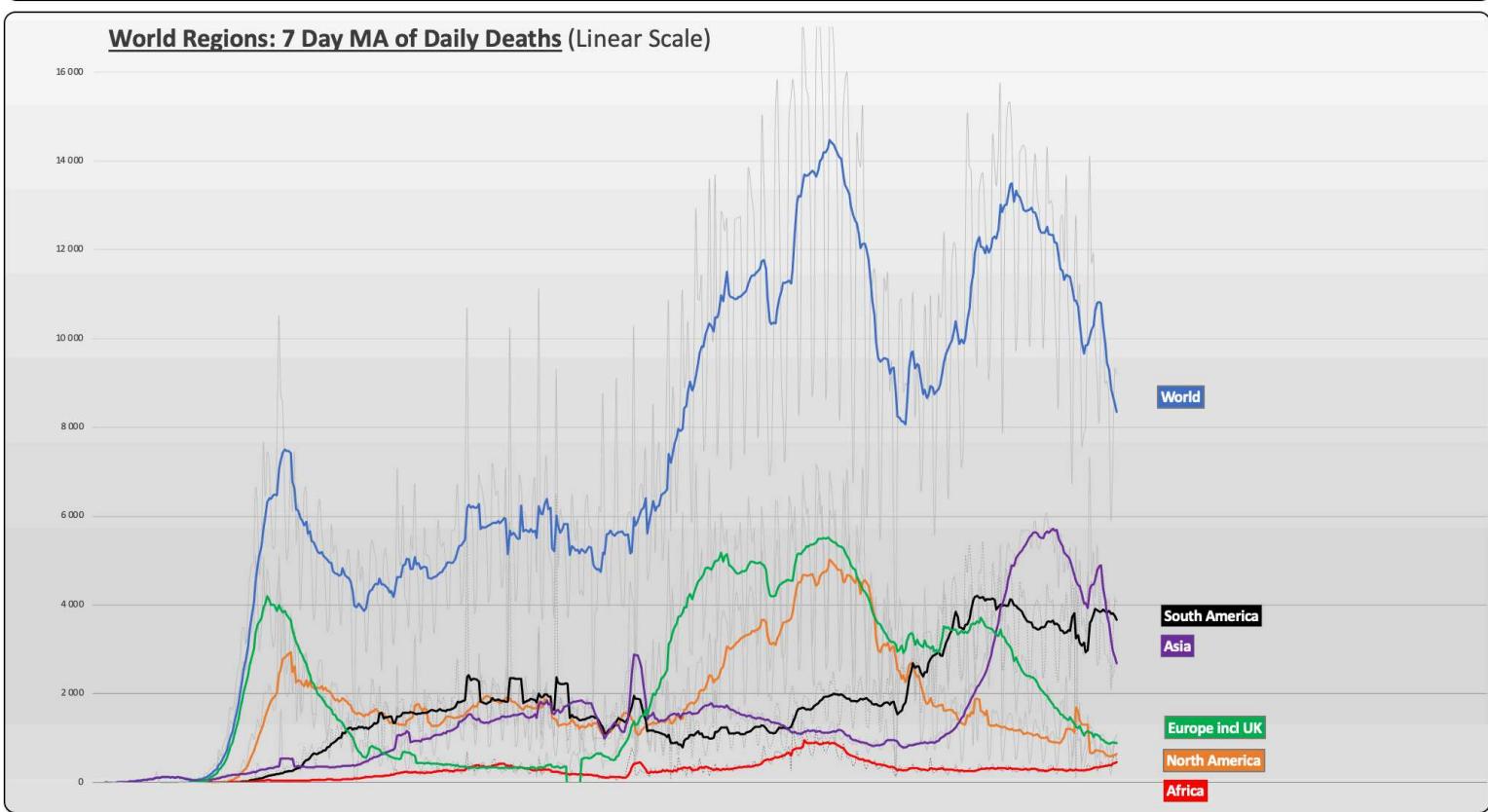
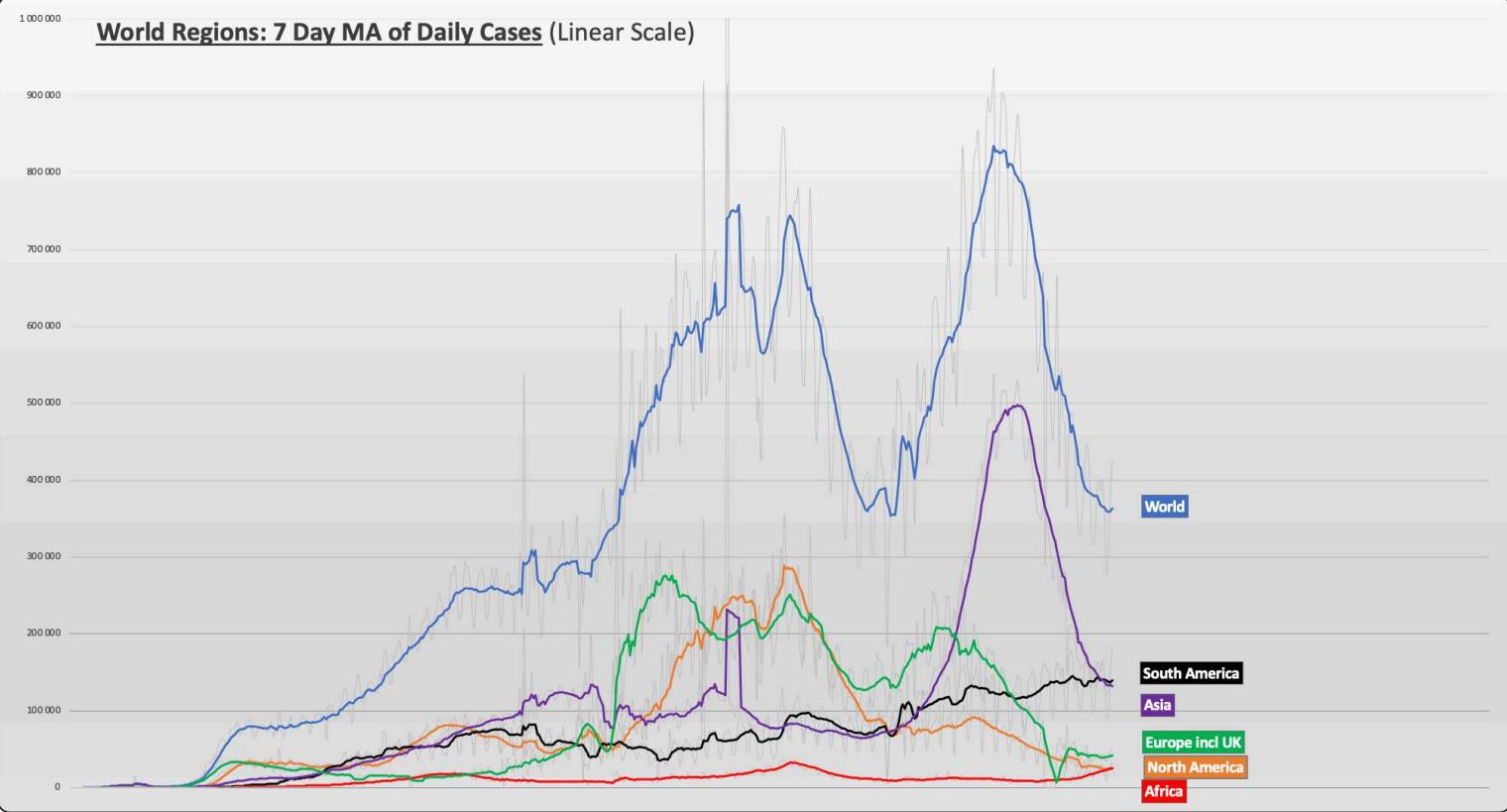
Daily Deaths 7 Day MA
 Daily Cases 7 Day MA

Page 2.3



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

Page 3.0



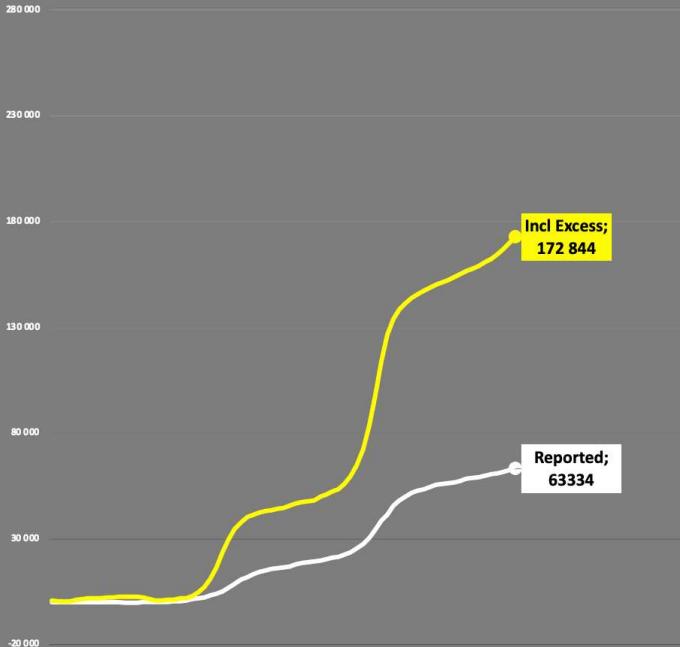
RSA Cum & Projected Deaths (Reported & Incl Excess)

As at : 19 June 2021

Page 4

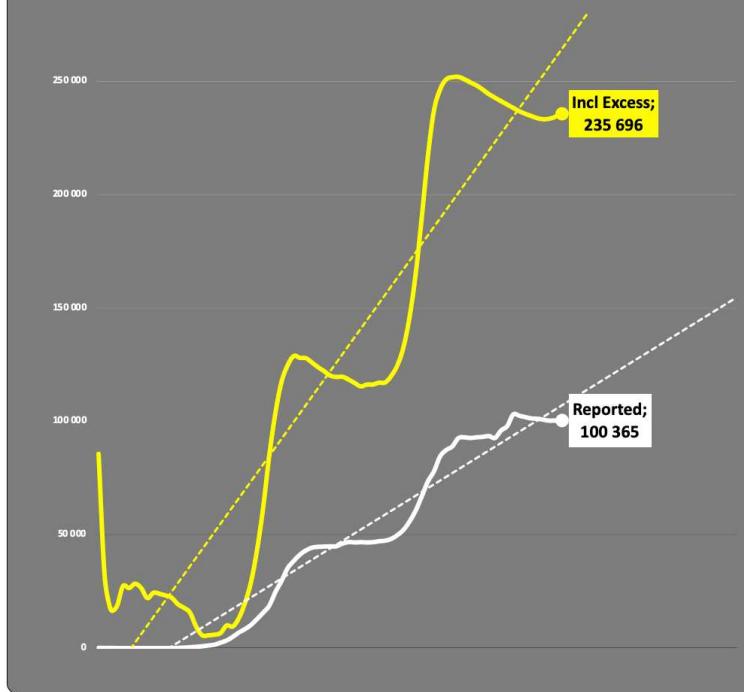
RSA CUM DEATHS (updated weekly)

Assuming 90% of Excess Deaths are Covid related.



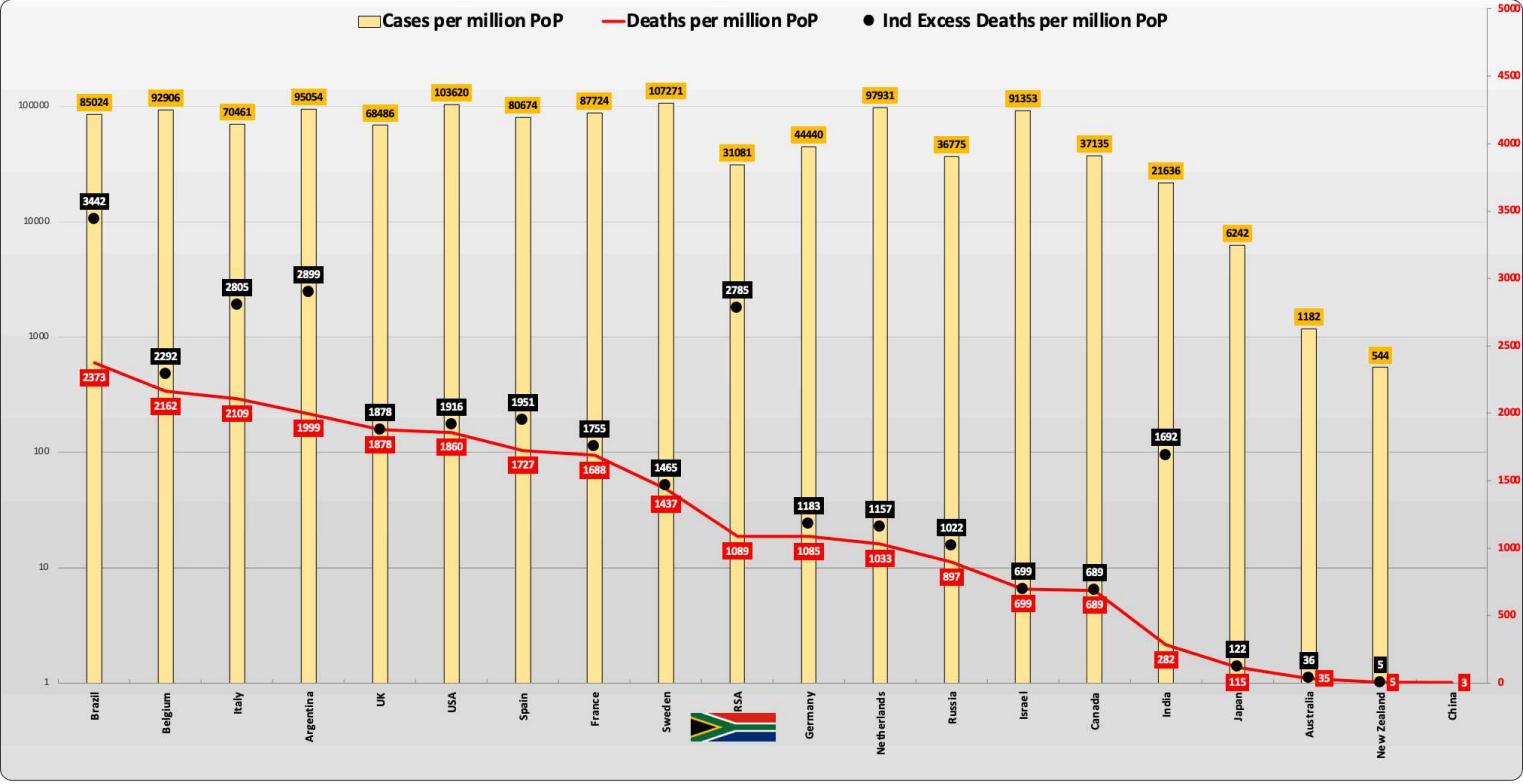
RSA CUM DEATHS PROJECTED TO end 2021

Assuming 90% of Excess Deaths are Covid related.



Selected Countries' Current Reported Cases, Reported & Excess Deaths per million PoP

■ Cases per million PoP — Deaths per million PoP ● Ind Excess Deaths per million PoP

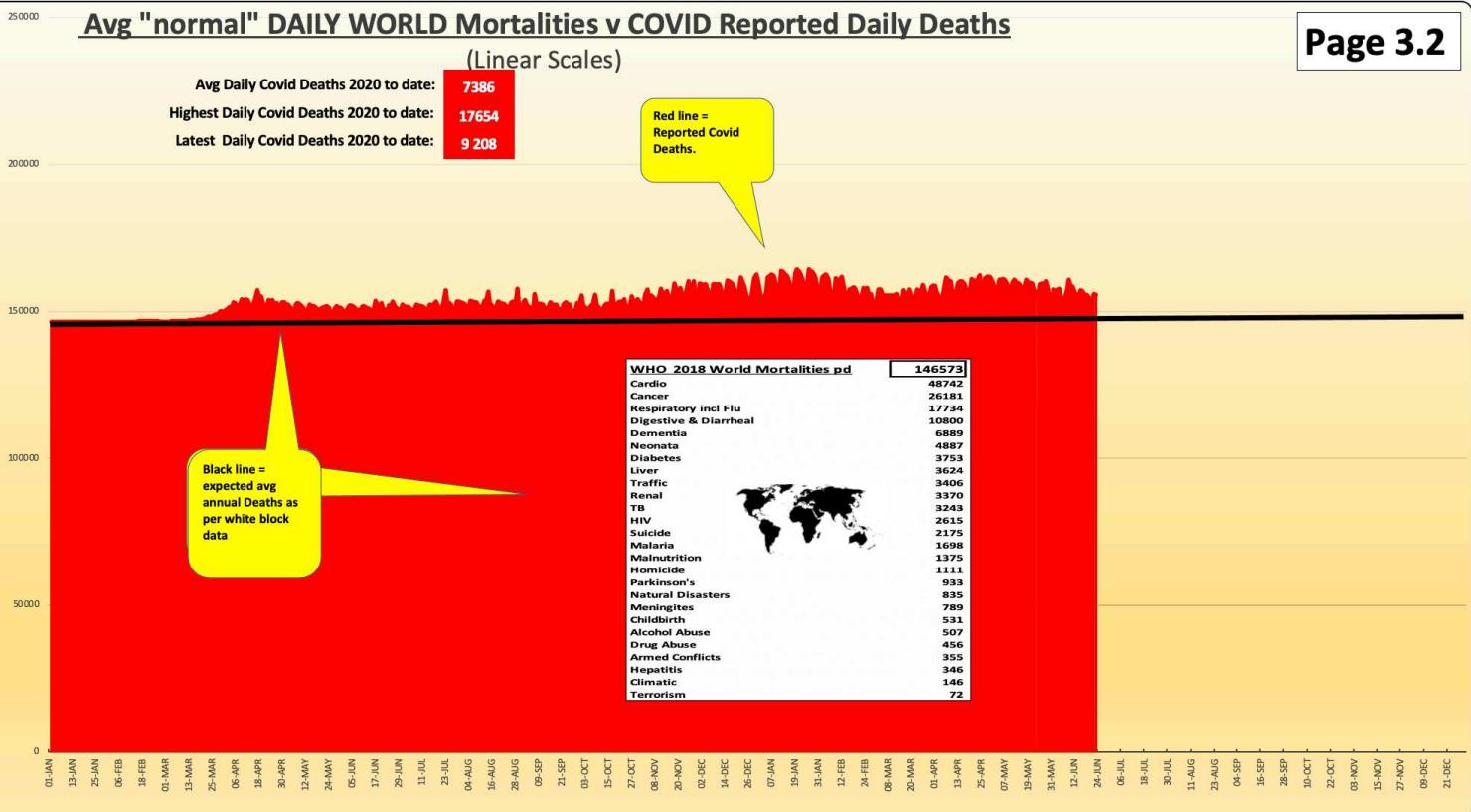


Data as at: 19 June 2021 Unless otherwise indicated

hdg 24 June 2021

Avg "normal" DAILY WORLD Mortalities v COVID Reported Daily Deaths

(Linear Scales)



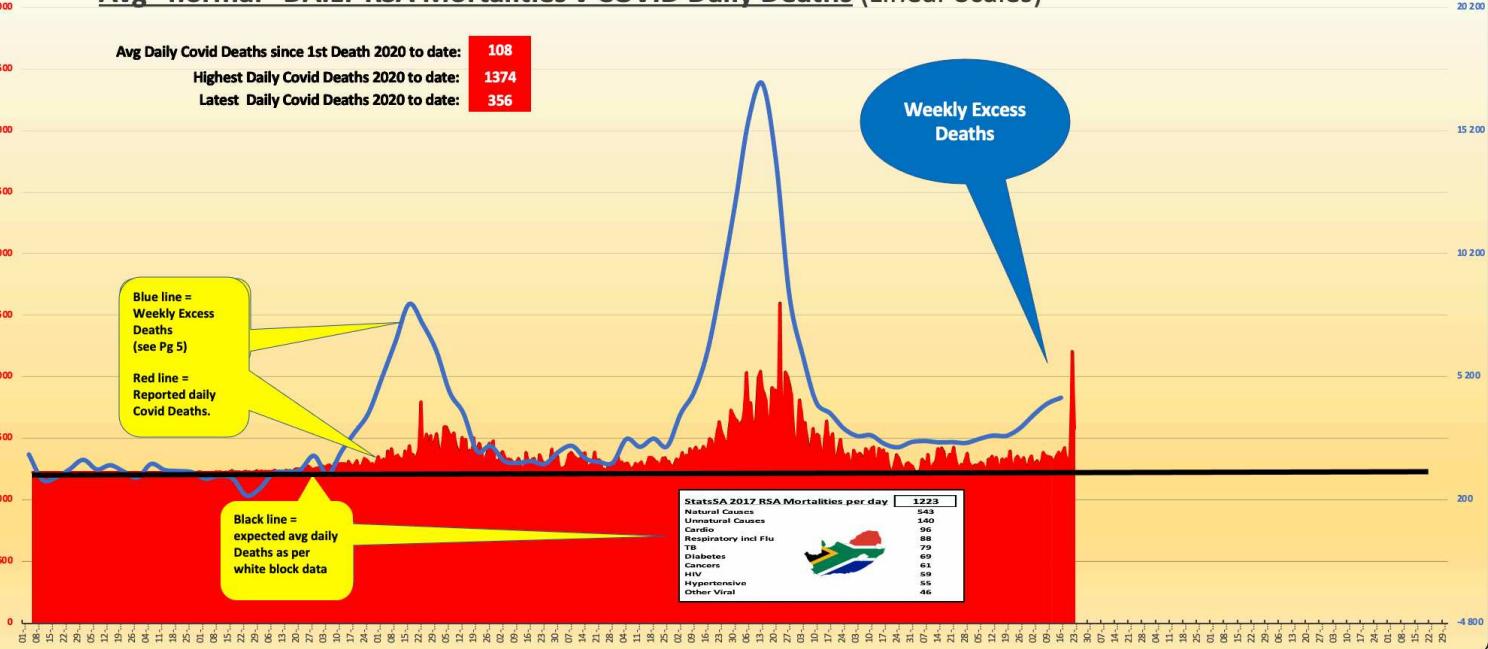
The two graphs WORLD (above) and RSA (below) attempt to put the number of Covid Deaths into some sort of perspective graphically.

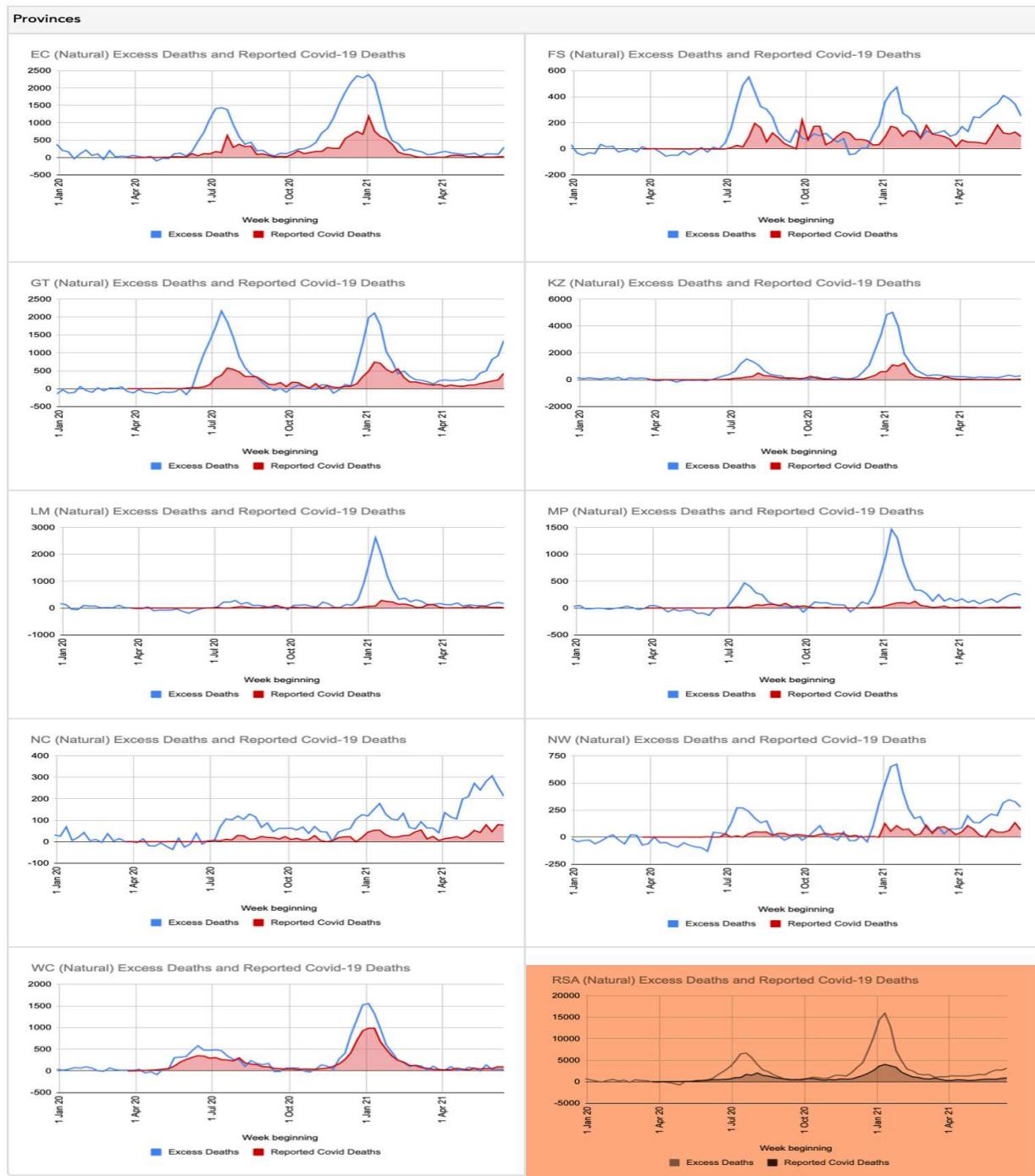
The big RED blocks below the black lines are TOTAL Daily Avg Deaths from ALL causes.

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)





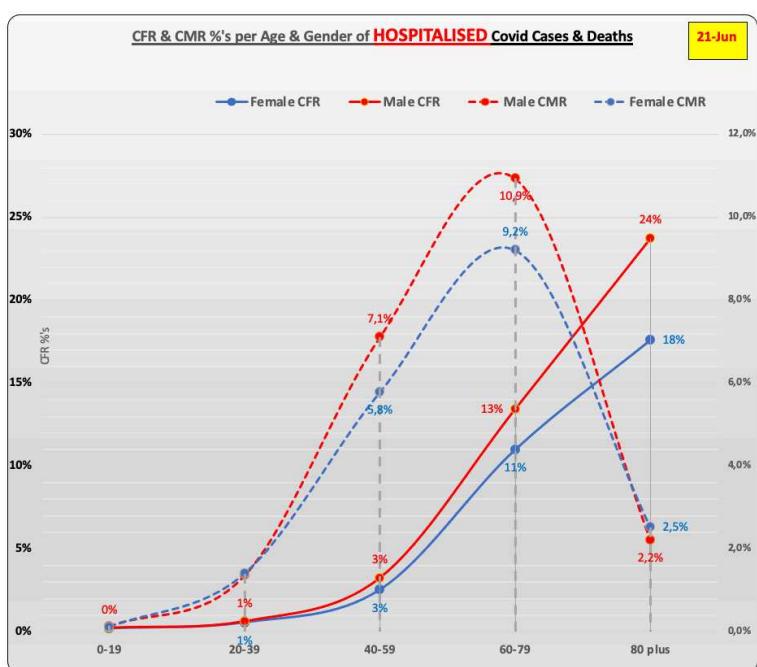
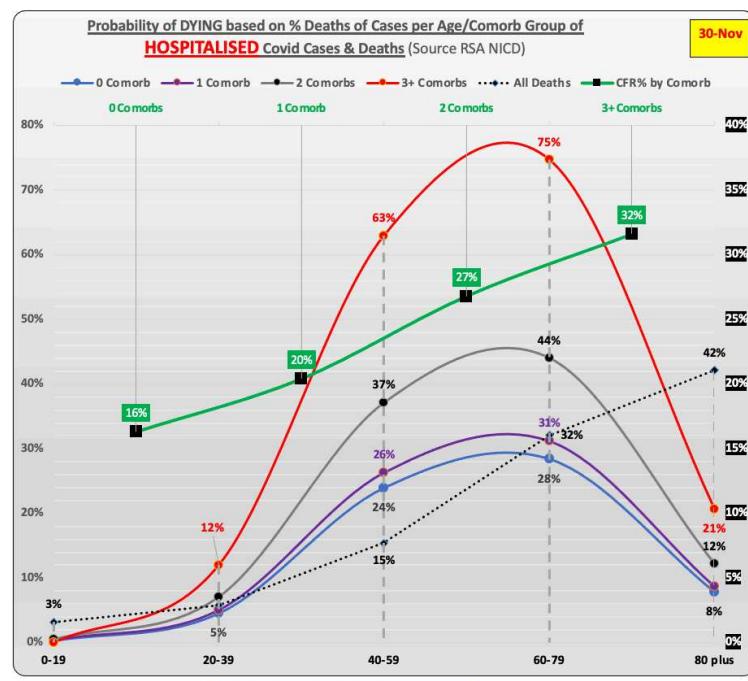
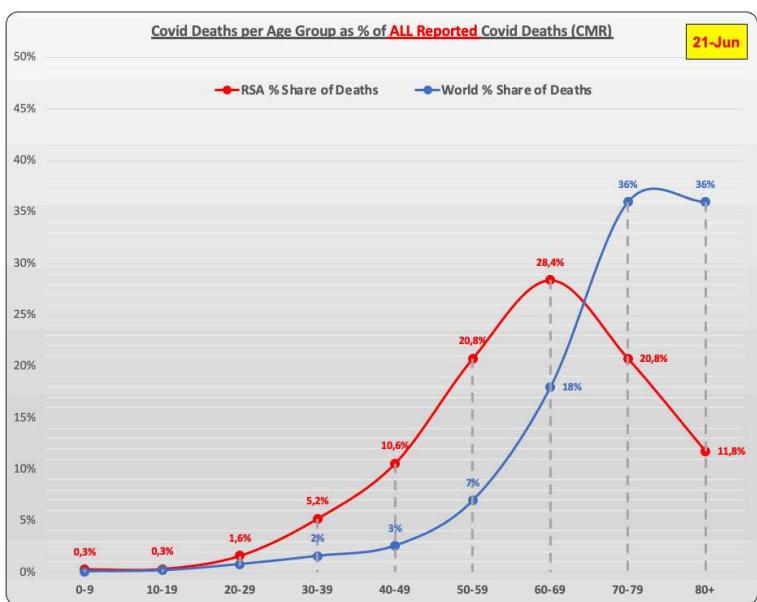
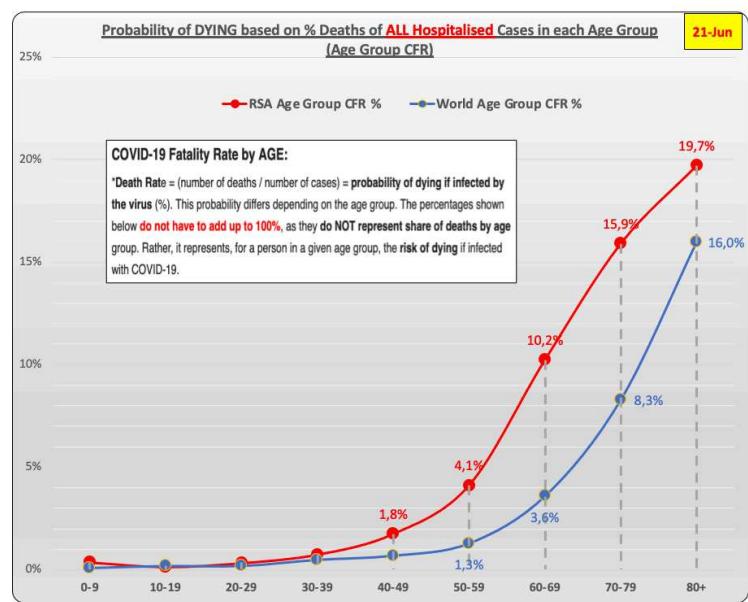
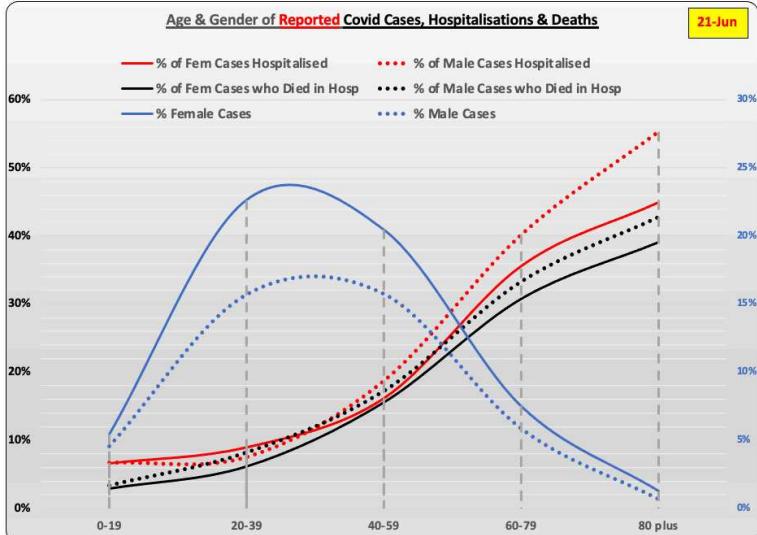
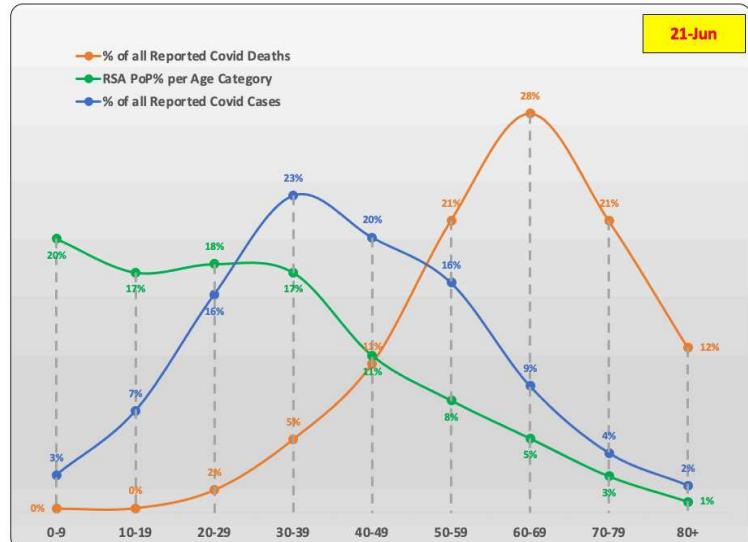
The red lines are weekly Covid deaths as reported by Dept of Health.

The blue lines are total Natural Deaths as reported by Dept of Home Affairs.

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

RSA Age & Gender Stats

Page 5.1

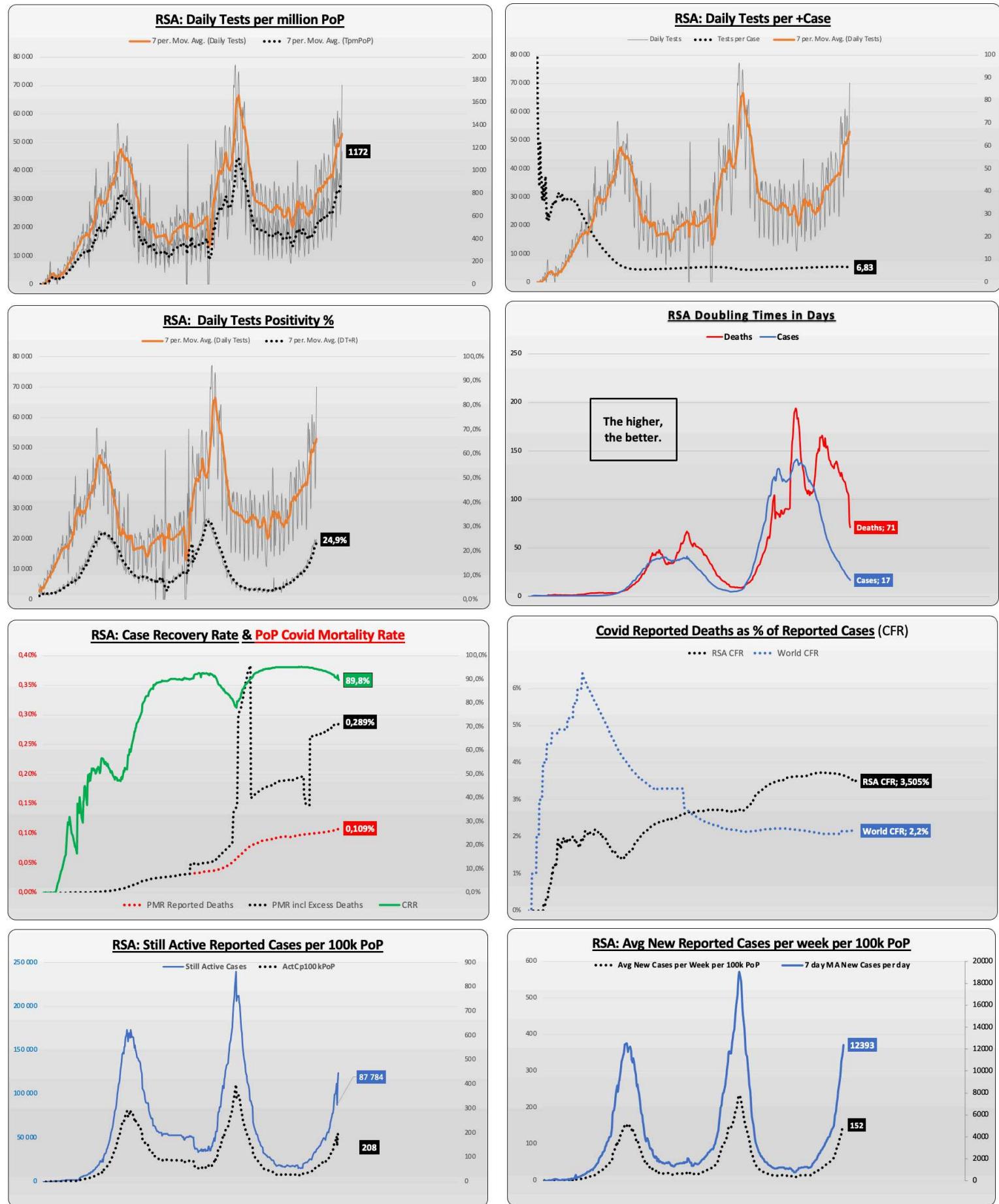


Data as at: As indicated per graph

hdg 24 June 2021

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

Page 5.2



Data as at: 23 June 2021

Unless otherwise indicated

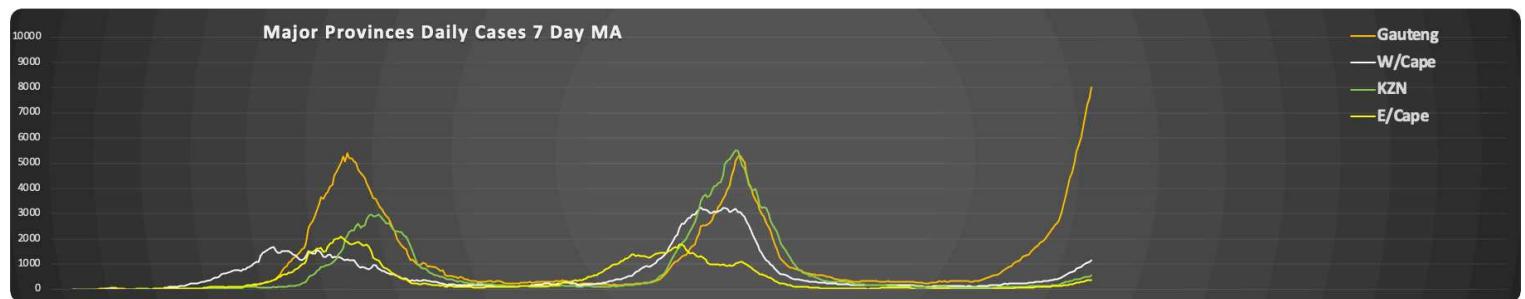
hdg 24 June 2021

RSA & Provinces Key Data Sets

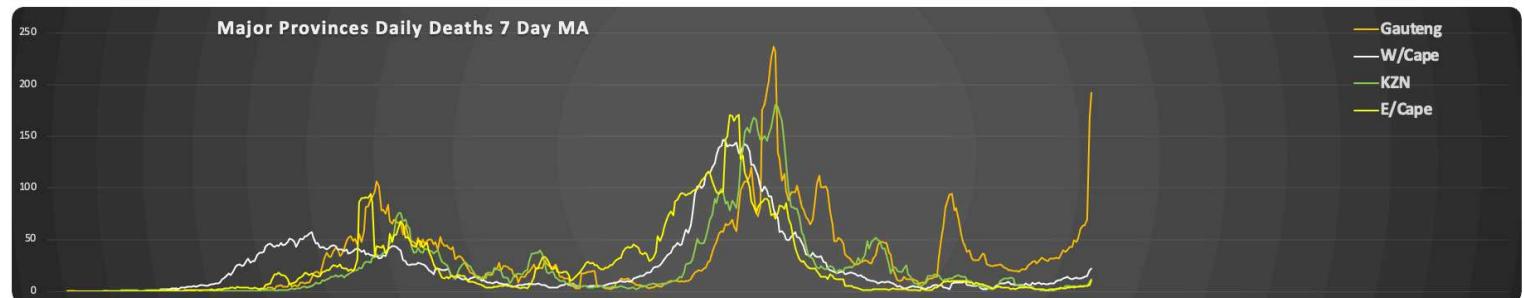
All linear scales

Page 5.3

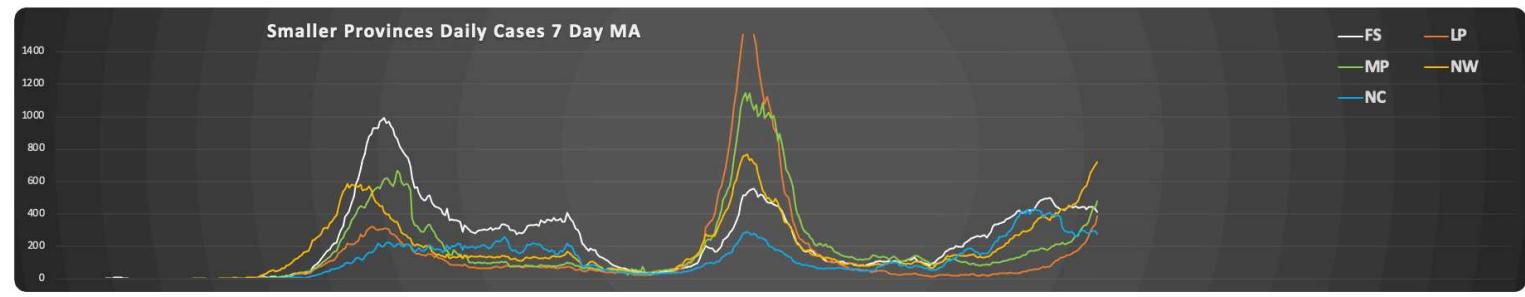
Major Provinces Daily Cases 7 Day MA



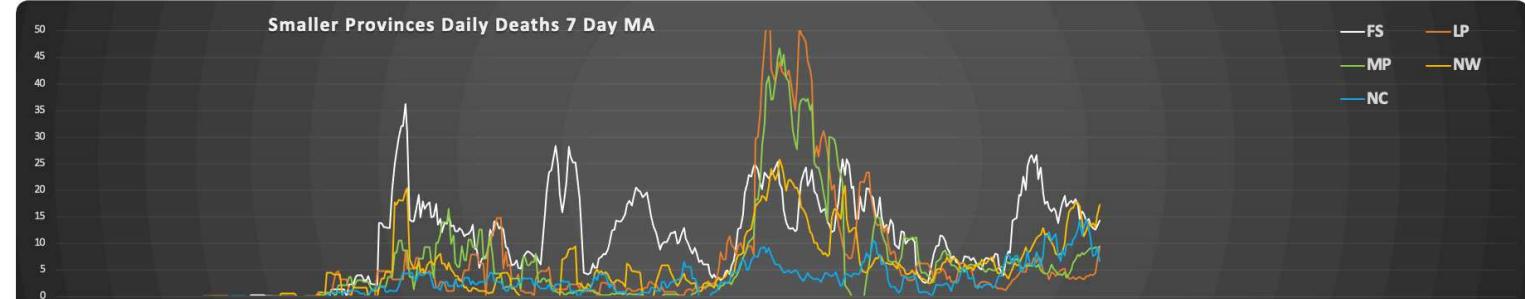
Major Provinces Daily Deaths 7 Day MA



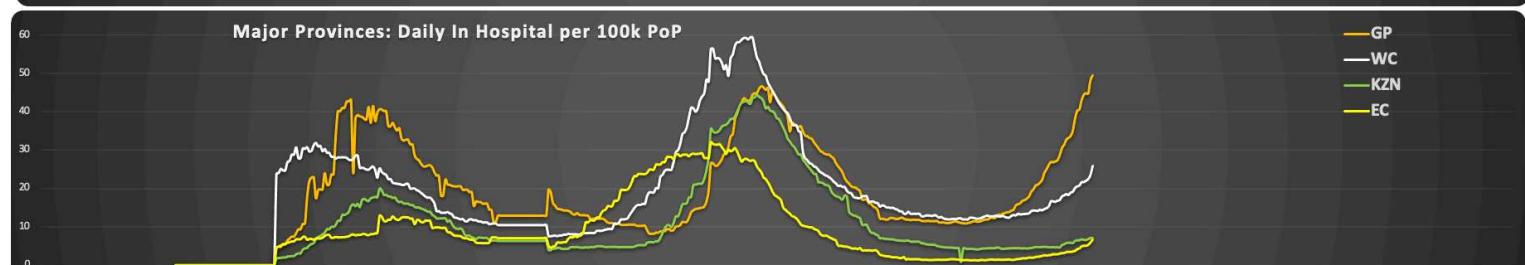
Smaller Provinces Daily Cases 7 Day MA



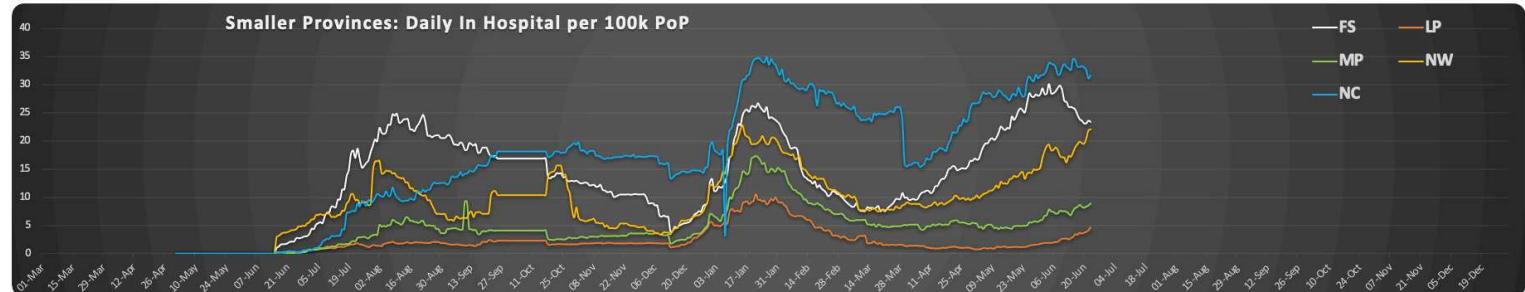
Smaller Provinces Daily Deaths 7 Day MA



Major Provinces: Daily In Hospital per 100k PoP



Smaller Provinces: Daily In Hospital per 100k PoP



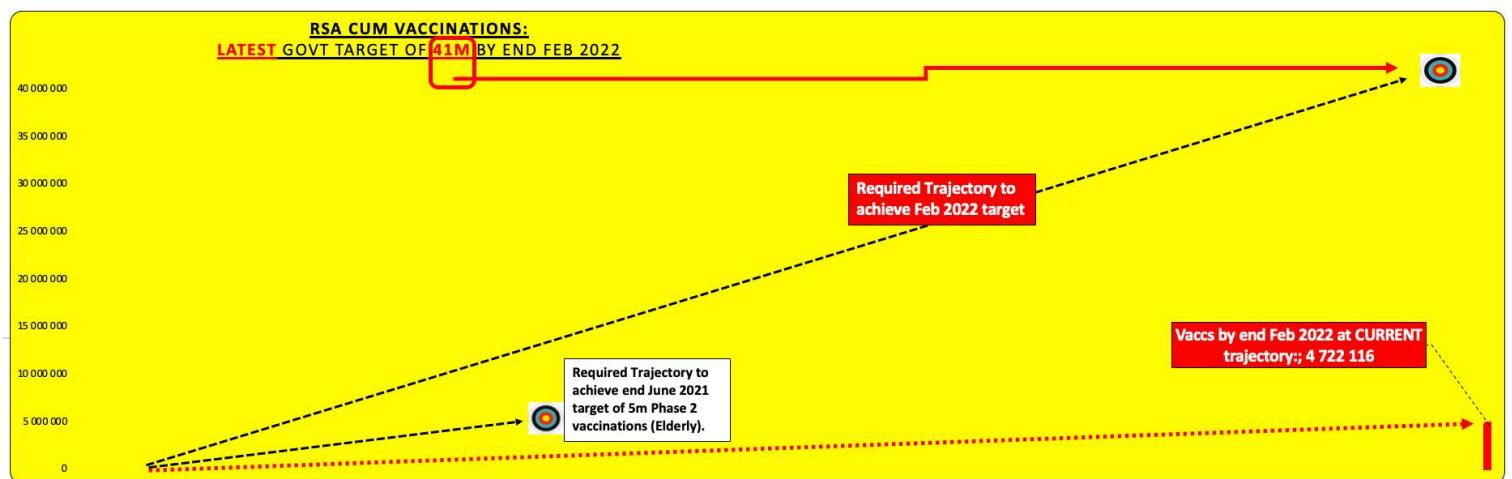
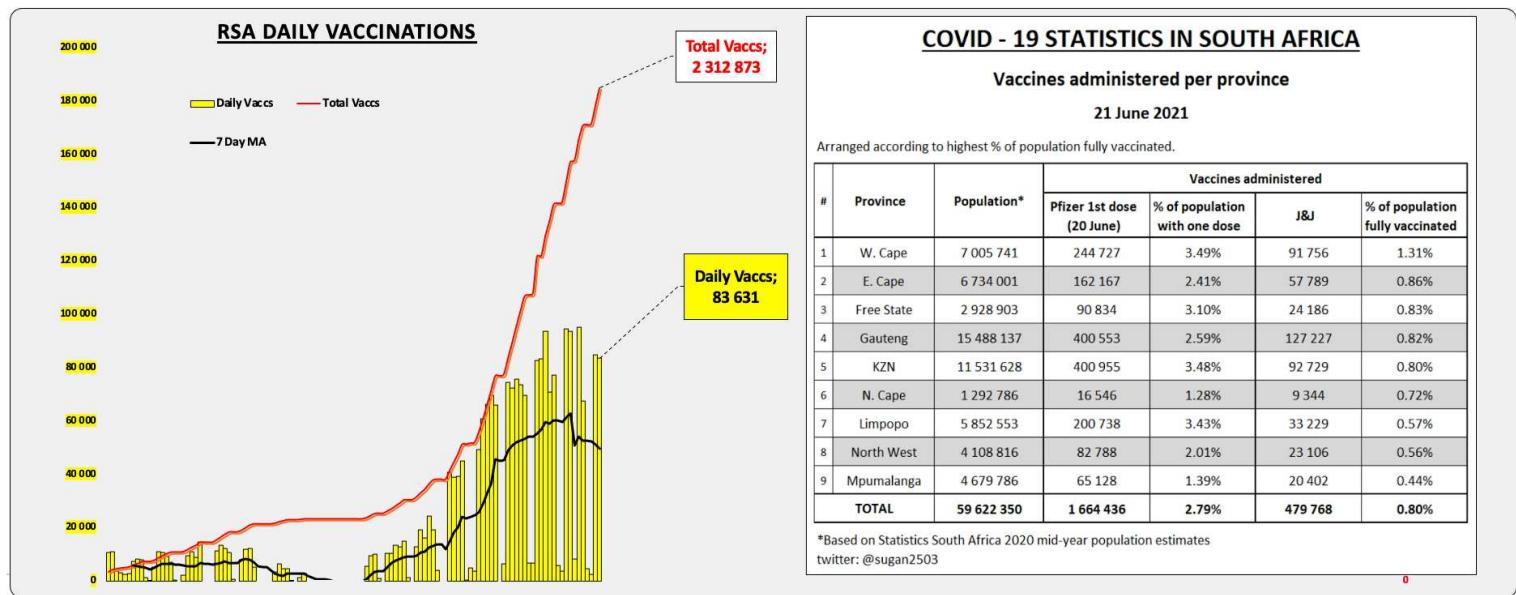
Data as at:

23 June 2021

Unless otherwise indicated

hdg

24 June 2021



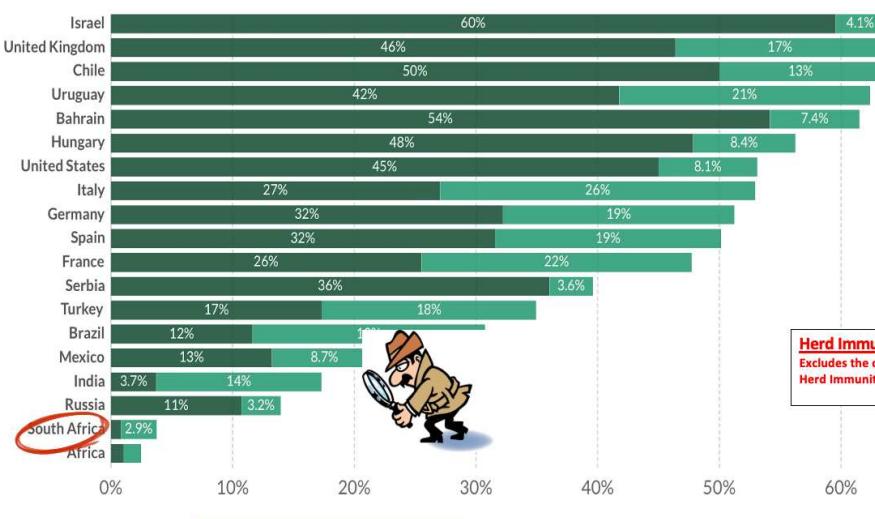
Selected countries who publish their VAC data

Share of people vaccinated against COVID-19, Jun 22, 2021

This data is only available for countries which report the breakdown of doses administered by first and second doses.

+ Add country

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



Our World
in Data

How long will it take for RSA to achieve Herd Immunity Target at current rate of Vaccination ?

Total Vacs to date:
2 312 873
Avg Vacs per day over the last 7 days : **19 274**
Fully Vaccsed : **479 768** Phase 1 : Health Care Workers
Single Dose only : **1 833 105** Phase 2 : 60 plussers

Herd Immunity Target : **40 400 000** approx 67% of RSA adult PoP
Revised up by Govt from 41m to 40,4m on 7 May 2021

Time to achieve Herd Immunity at CURRENT daily rate of Vaccinations since start of Vacs Program	5,74 Years
Time to achieve Herd Immunity at daily rate of Vaccinations over the past 7 DAYS	2,23 Years



Herd Immunity Target:
Excludes the contribution to Herd Immunity by Recovered and Asymptomatic Cases.

South Africa's vaccination plan

Page 6.1

Updated 7 May 2021



Pfizer BioNTech requires two doses



Johnson & Johnson requires one dose



= Sisonke Trial

= National Rollout

VACCINATION ROLLOUT

28 April 2021

The Sisonke study, which uses the Johnson & Johnson vaccine, resumed after a two-week pause. The health department calls the study Phase 1A of the vaccine roll-out. By 6 May 366 101 of the 500 000 health workers in the trial had been vaccinated.

+60 year olds and health workers

Phase 2 starts on May 17. This phase will run concurrently with Phase 1B, which will cover health workers who were not vaccinated by the Sisonke study. Phase 2 will start with people over 60, which is estimated to be a population of five million. The oldest people, who have registered on the EVDS*, will generally get vaccinated first.

*Go to vaccine.enroll.gov.za to register

+40 year olds

From July, people over 40 will be included in Phase 2 of the vaccination roll-out, as well as people in congregate settings such as old-age homes (1.1 million people are estimated to reside in congregate settings)

Everyone over 18 years of age

In November, everyone else (those 18 years and older) will get their turn to get vaccinated in Phase 3 of the roll-out. This will be about 22.6 million people.

February 2022

The target, at this stage, is to have all people of 18 years and older vaccinated by February 2022. The health department says this will bring up to 40.4 million people.

2021



PLANNED VACCINE DELIVERIES

2 May 2021 Pfizer

The first batch of 325,260 doses of Pfizer-BioNTech vaccine arrived in South Africa. This two-shot vaccine will be used to start vaccinating the remaining 700,000 health workers not covered by the Sisonke trial, as well as people over 60.

May to June 2021 Pfizer

Health Minister Zweli Mkhize says 5.9 million doses from Pfizer will arrive in weekly shipments of 325,260 doses until 30 May. For the five weeks after that 636,480 doses will be delivered weekly. Another 1.4 million doses of Pfizer-BioNTech vaccine are expected from Covax.

Mid-May to June 2021 J&J

1.1 million paid-for Johnson & Johnson vaccines are expected to arrive in mid-May, then two deliveries of 900,000 doses each are expected by the end of June. This is dependent on when Aspen releases the jabs. The health department says the shots have been made, but can be released only once a safety verification process by international regulatory authorities has been completed. **

July to December 2021 Pfizer

In Parliament on 28 April, Mkhize said by the end of June another 2 million doses of Pfizer-BioNTech are expected and another 8 million are expected by the end of September. The president omitted these doses in parliament on 6 May.

28.2 million Johnson & Johnson doses are expected between July and the end of the year. **J&J**

Total Vaccines by end of 2021

J&J Johnson & Johnson = 31.2 million **
(mainly for use in rural districts)
Pfizer Pfizer-BioNTech = 31.4 million (for use in metros)

** The Health Department's presentation to Parliament 28 April stated 3 million Johnson & Johnson shots would be delivered in Q2 2021. In previous statements the department has indicated that 2.9 million shots will be delivered in that period. This timeline is based on the most recent information available on 6 May. We will update the timelines and re-circulate them when the information changes.

www.bhekisia.org

BHEKISISA
CENTRE FOR HEALTH JOURNALISM

Researched and compiled by Bhekisia and Media Hack. Sources: Health Department press releases; National vaccine coordinating committee co-chair, Lesley Bamford, presentation to labour unions, 9 April; Health Department presentation to Parliament, 28 April; President Cyril Ramaphosa's response to questions in Parliament, 6 May.

Data as at:

23 June 2021

Unless otherwise indicated

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24 June 2021

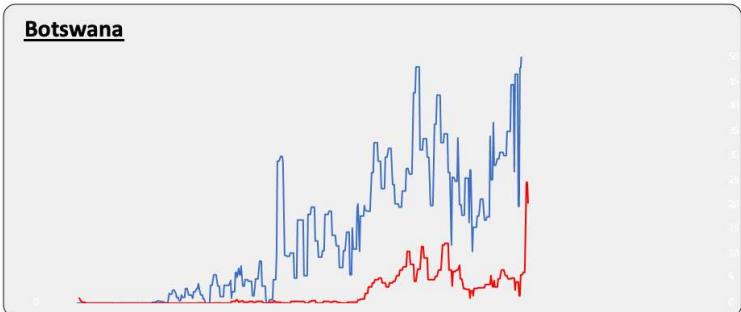
Southern Africa Daily Reported New Cases & Deaths 7 Day MA

Page 6.2

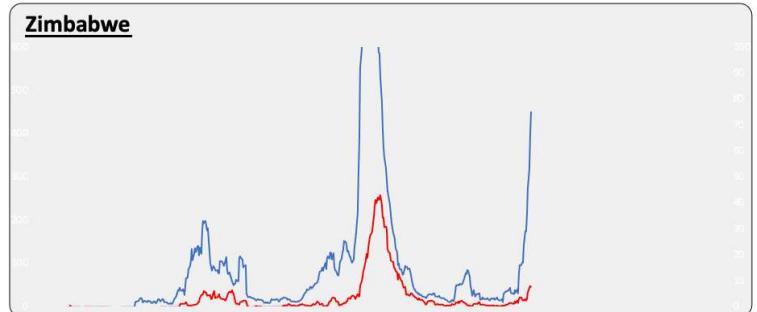
(Jan 2020 to Present)

CASES DEATHS

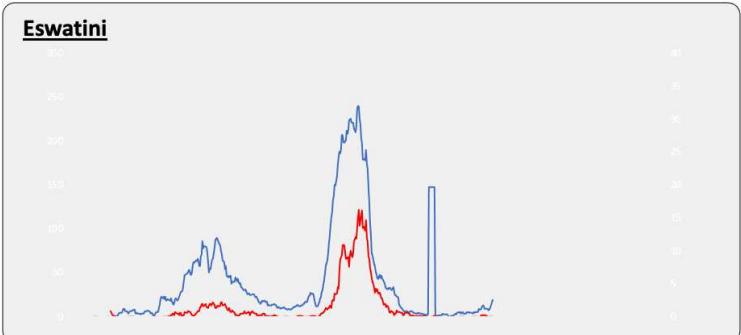
Botswana



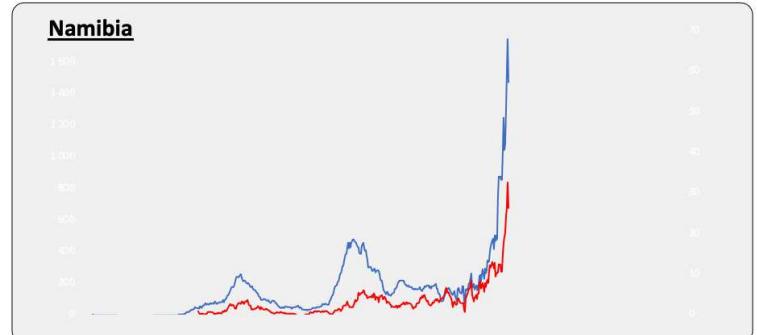
Zimbabwe



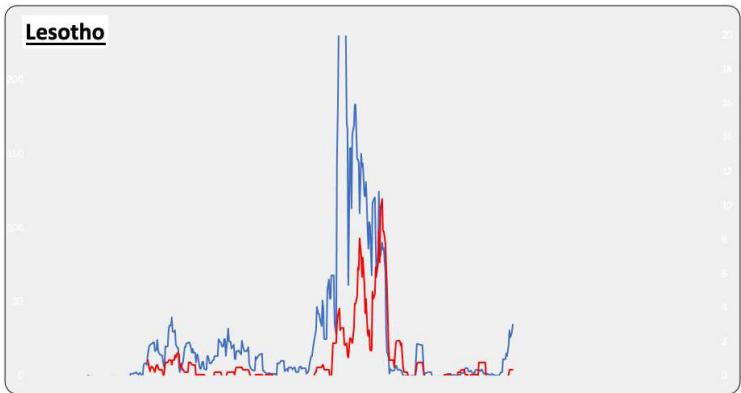
Eswatini



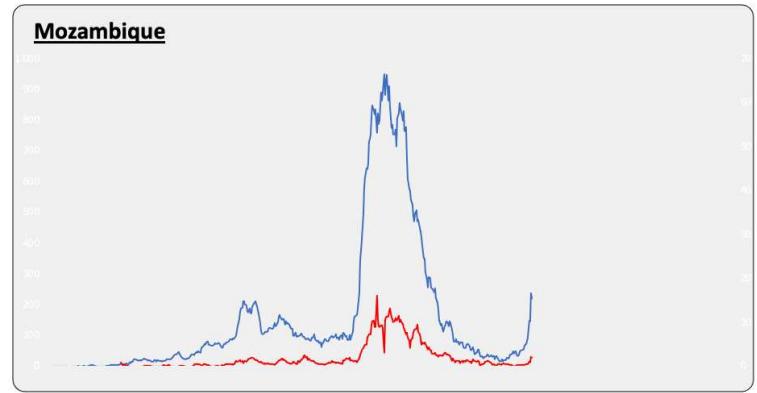
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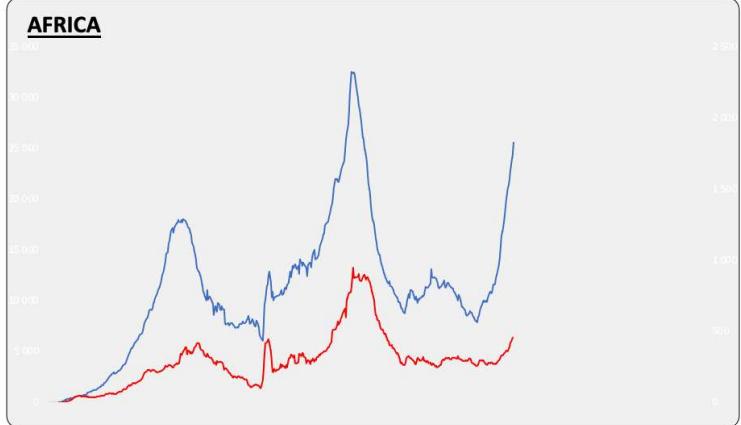
Lesotho



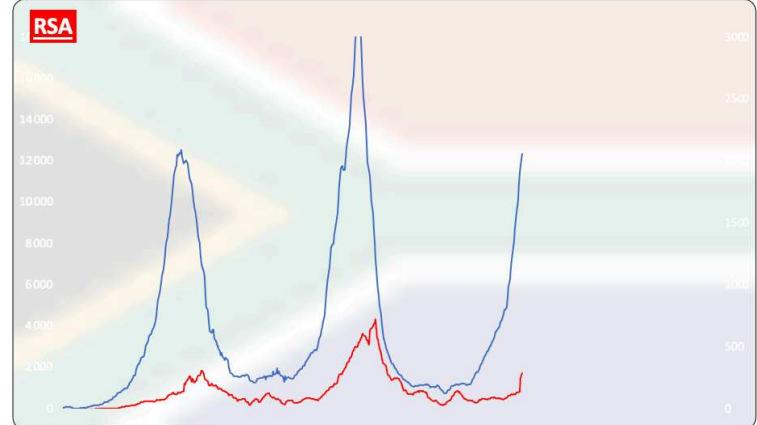
Mozambique



AFRICA



RSA



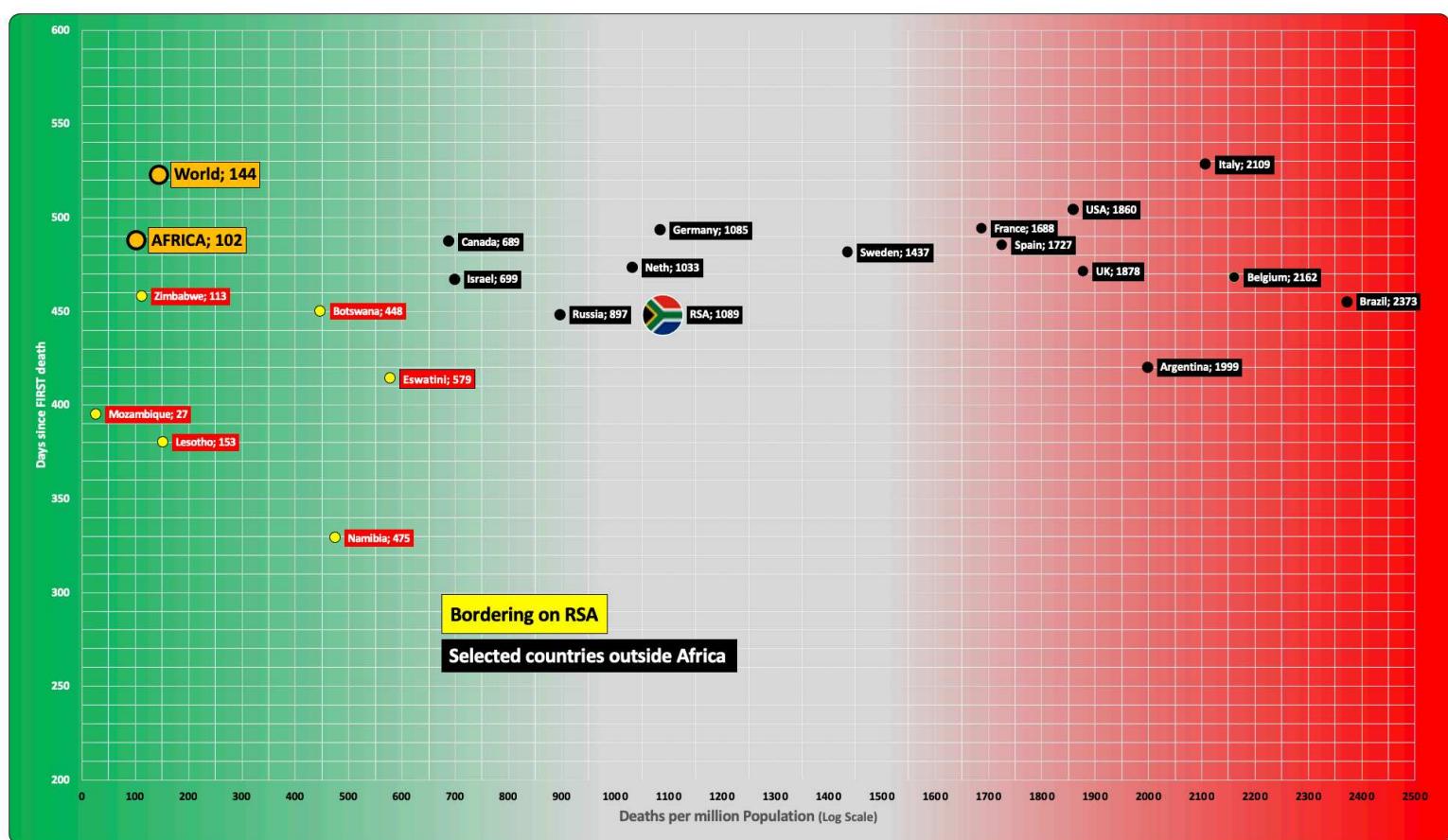
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23 June 2021

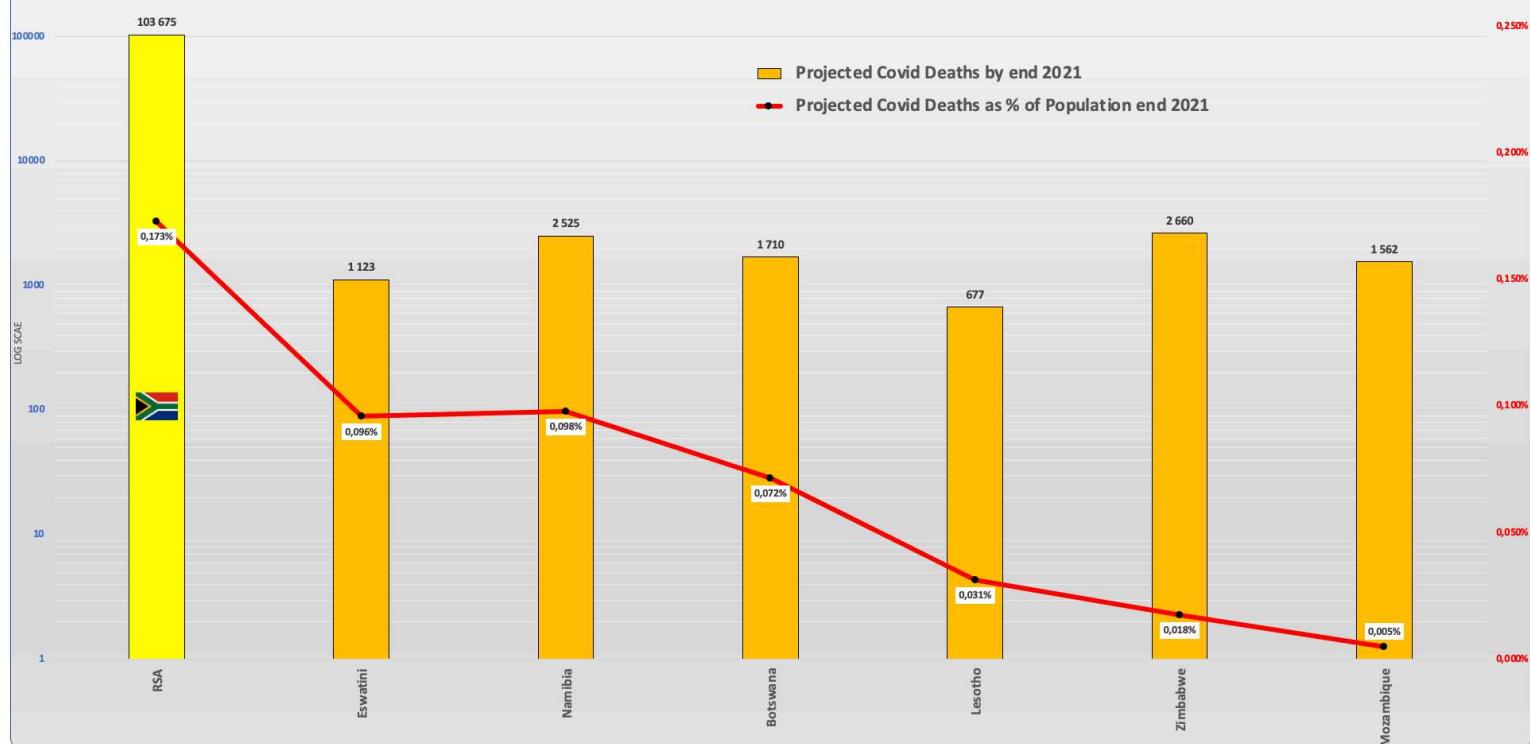
Unless otherwise indicated

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24 June 2021



Projected Deaths by end 2021 per country and % Deaths of Populations at current officially reported Death Numbers



Some food for thought.....

