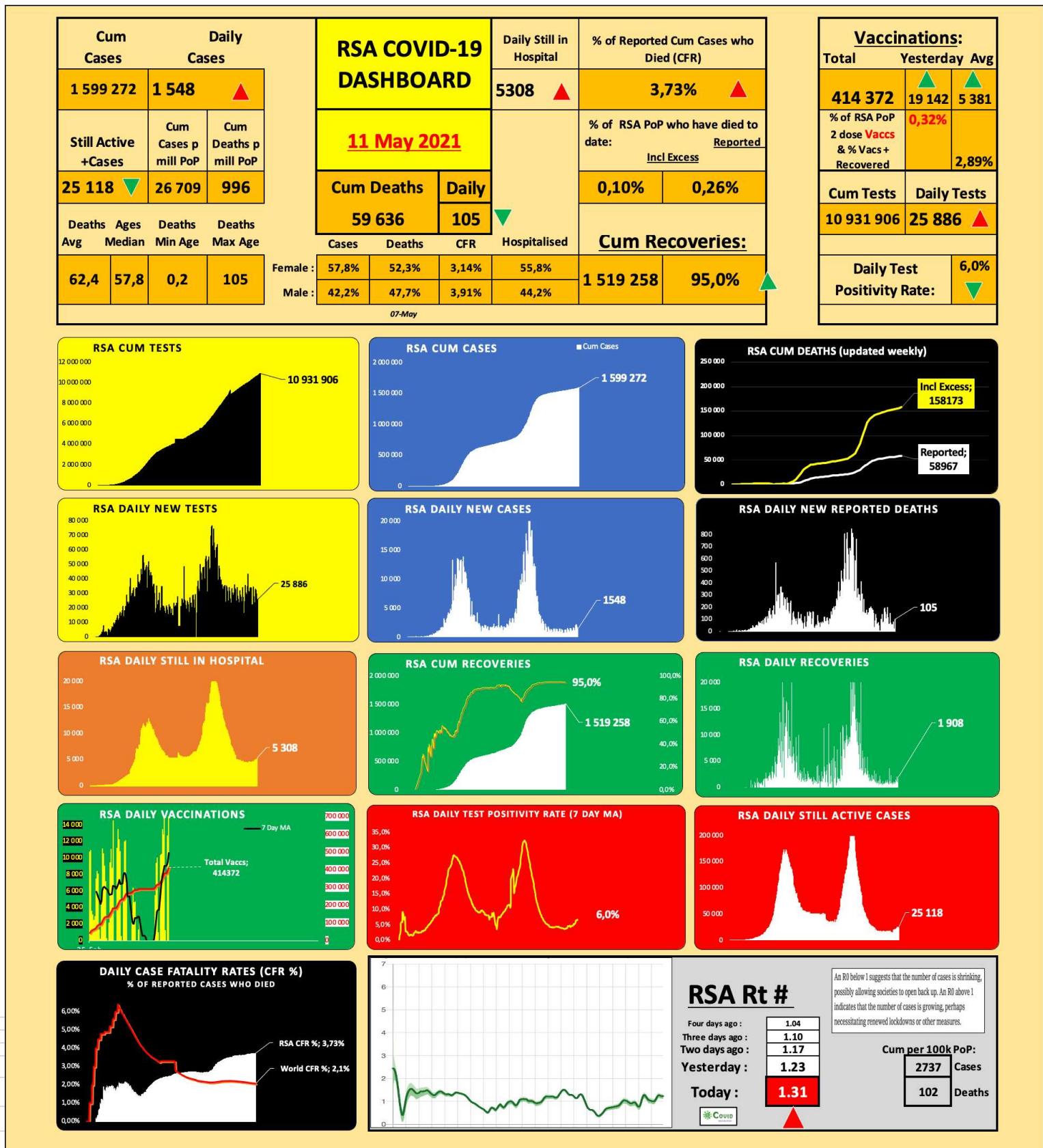


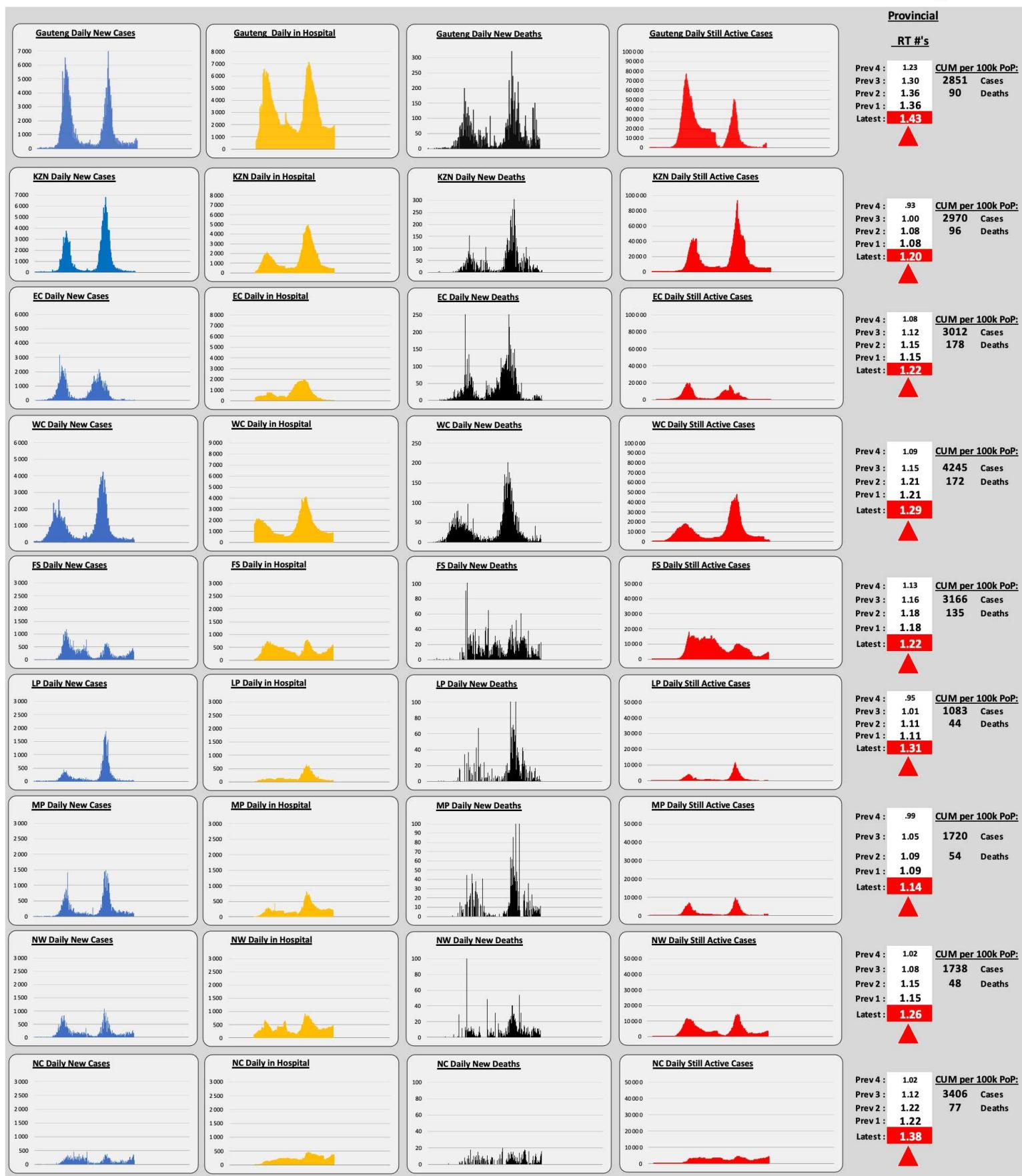
# HarryG COVID-19 Dashboard

Page 1



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

Page 1.1



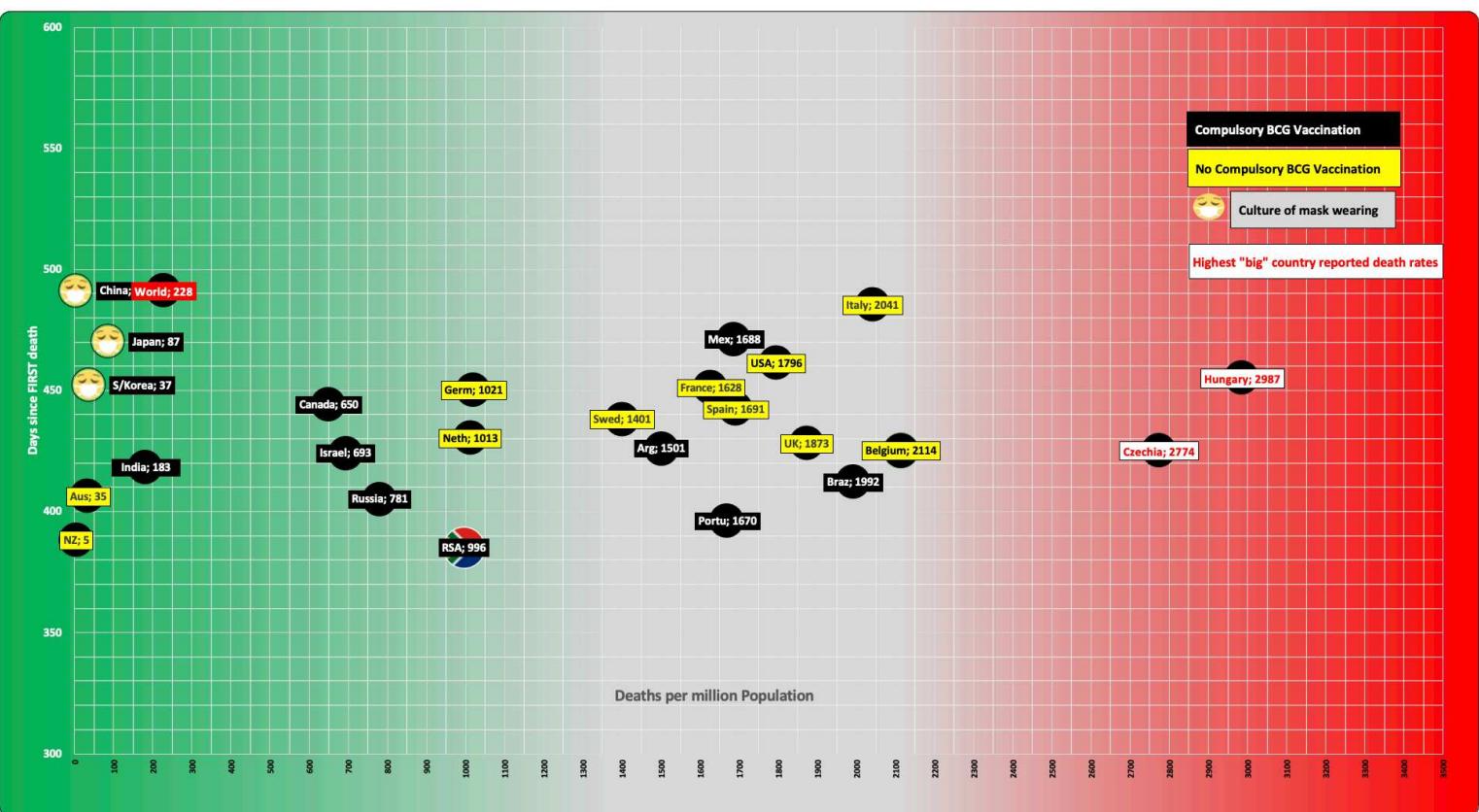
Data as at: 11 May 2021

Unless otherwise indicated

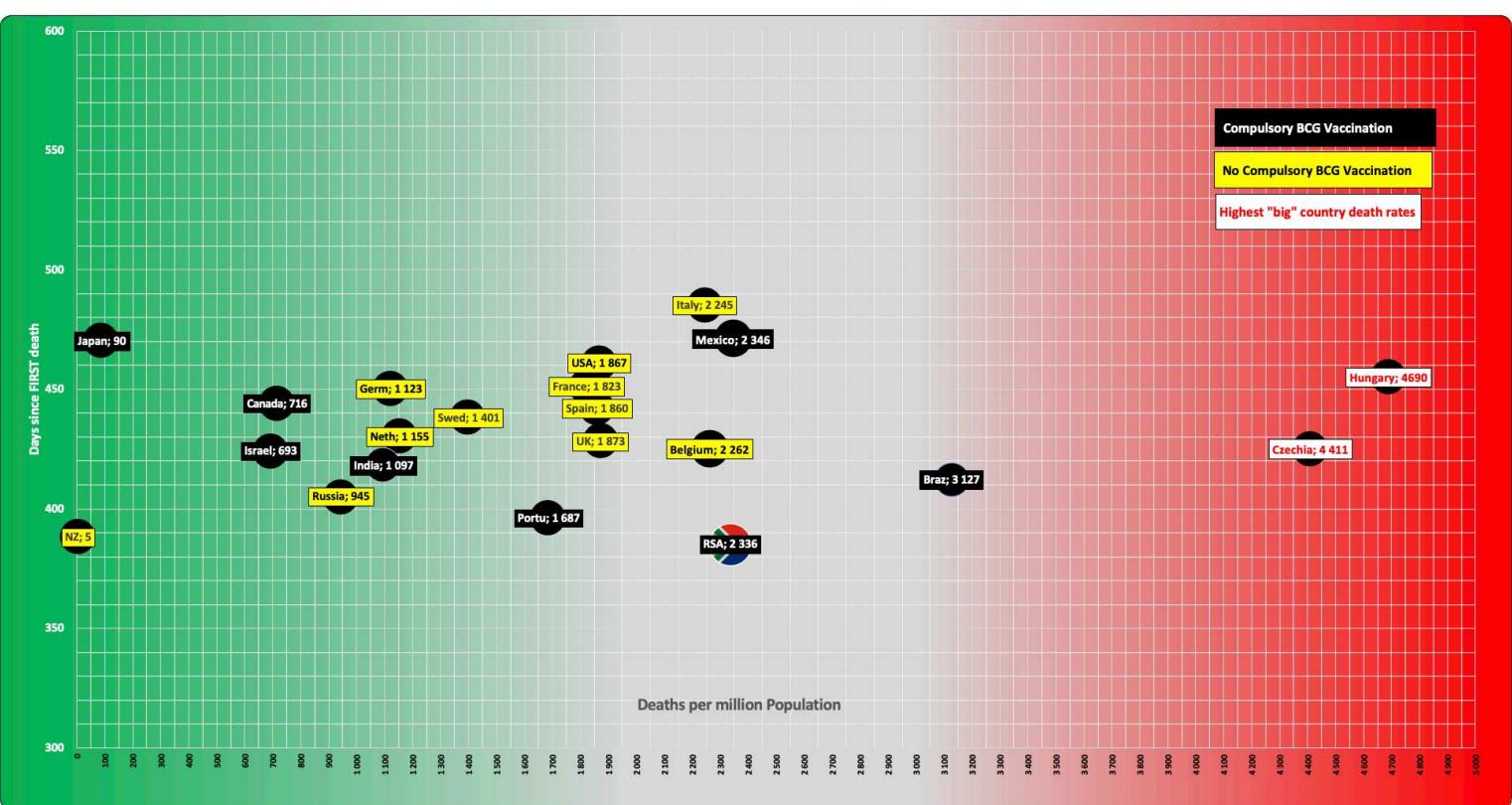
hdg 12 May 2021

## Selected Countries' Reported Deaths per mill PoP

Page 2

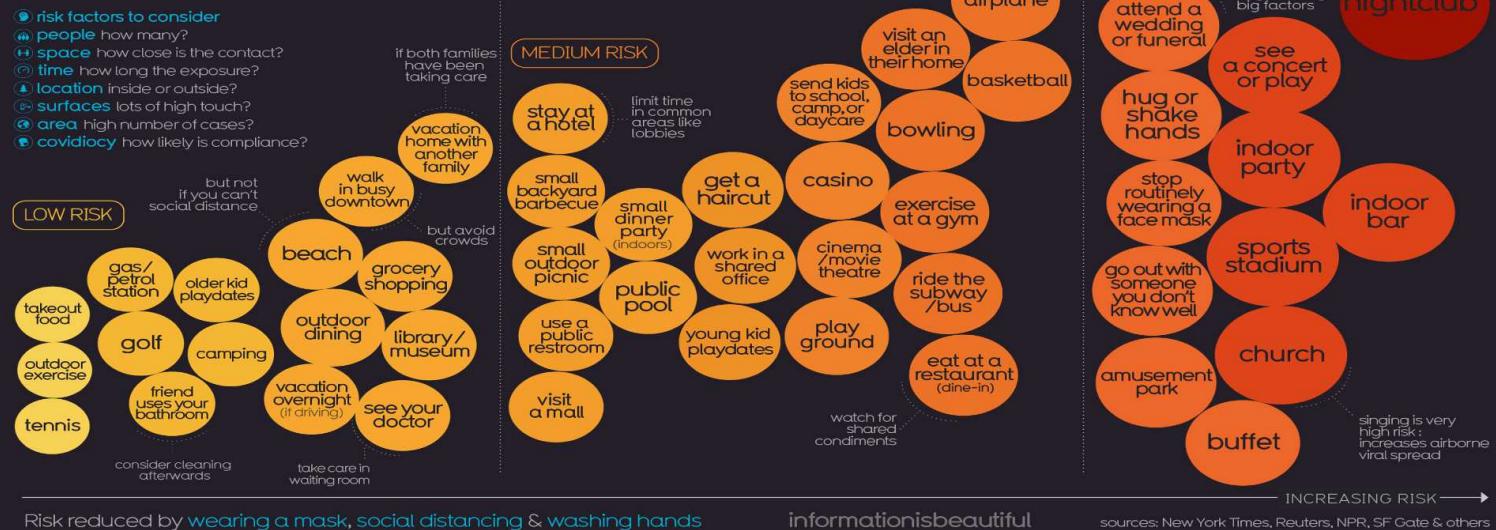


## Selected Countries' Deaths incl Excess Deaths per mill PoP (where data available)



## Coronavirus Riskiest Activities

According to 500+ epidemiologists & health professionals

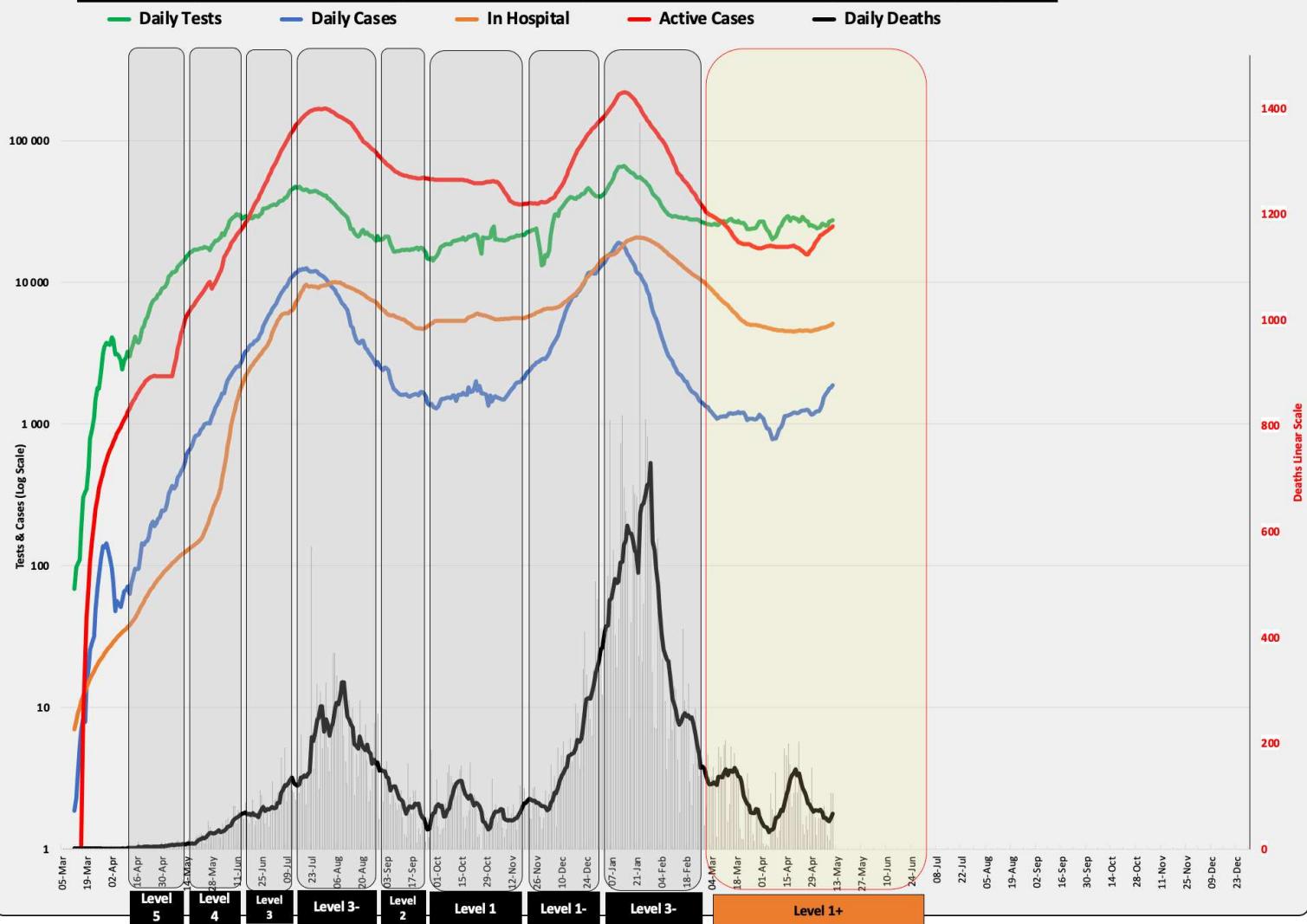


Risk reduced by wearing a mask, social distancing & washing hands

informationisbeautiful

sources: New York Times, Reuters, NPR, SF Gate & others

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



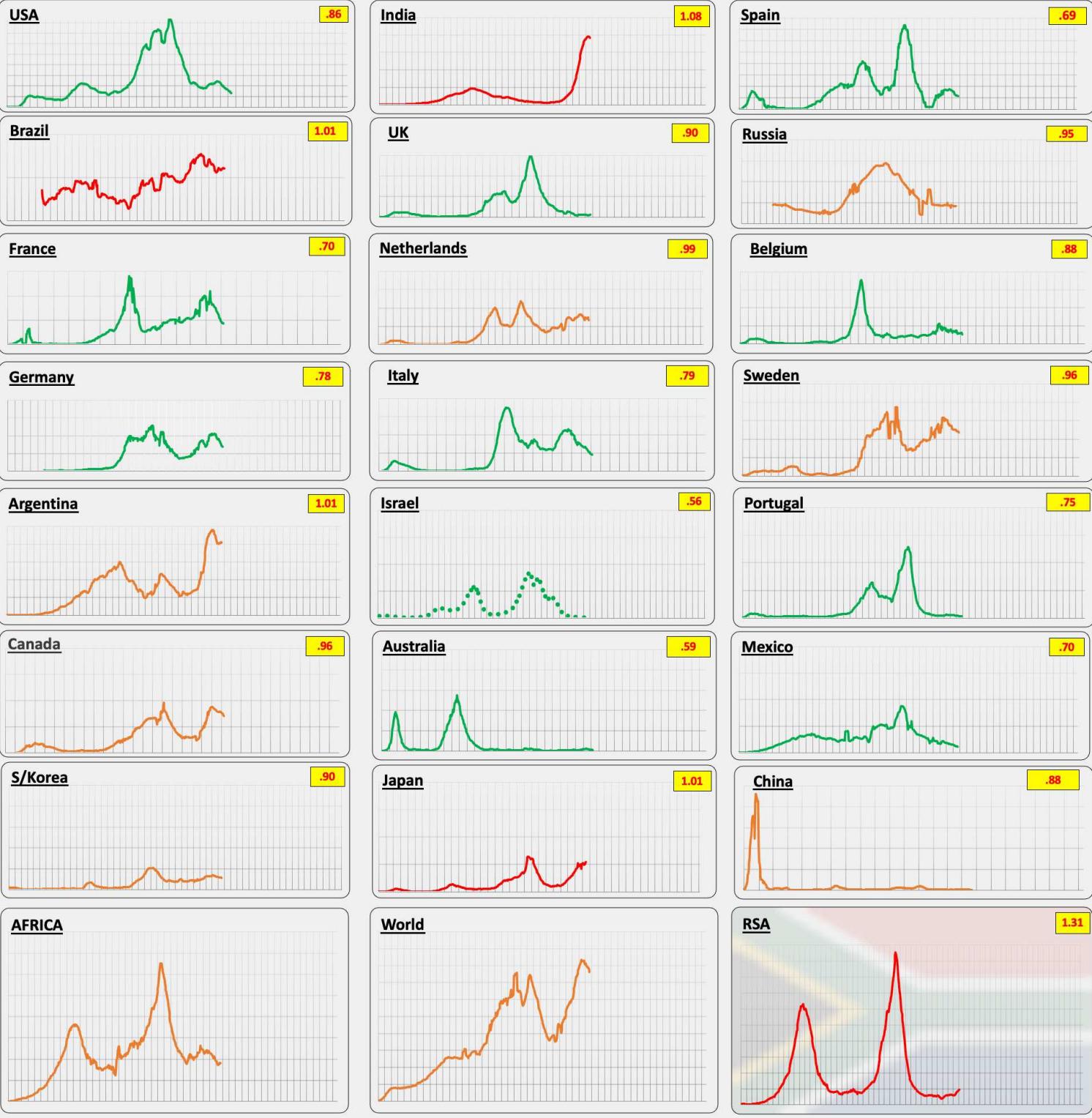
Data as at: 11 May 2021

Unless otherwise indicated

hdg 12 May 2021

## World Daily Reported New Cases 7 Day MA

7 Day MA Rising with Rt > 1  
7 Day MA Stable with Rt < 1  
7 Day MA Declining with Rt < 0.9  
Latest Rt #'s 



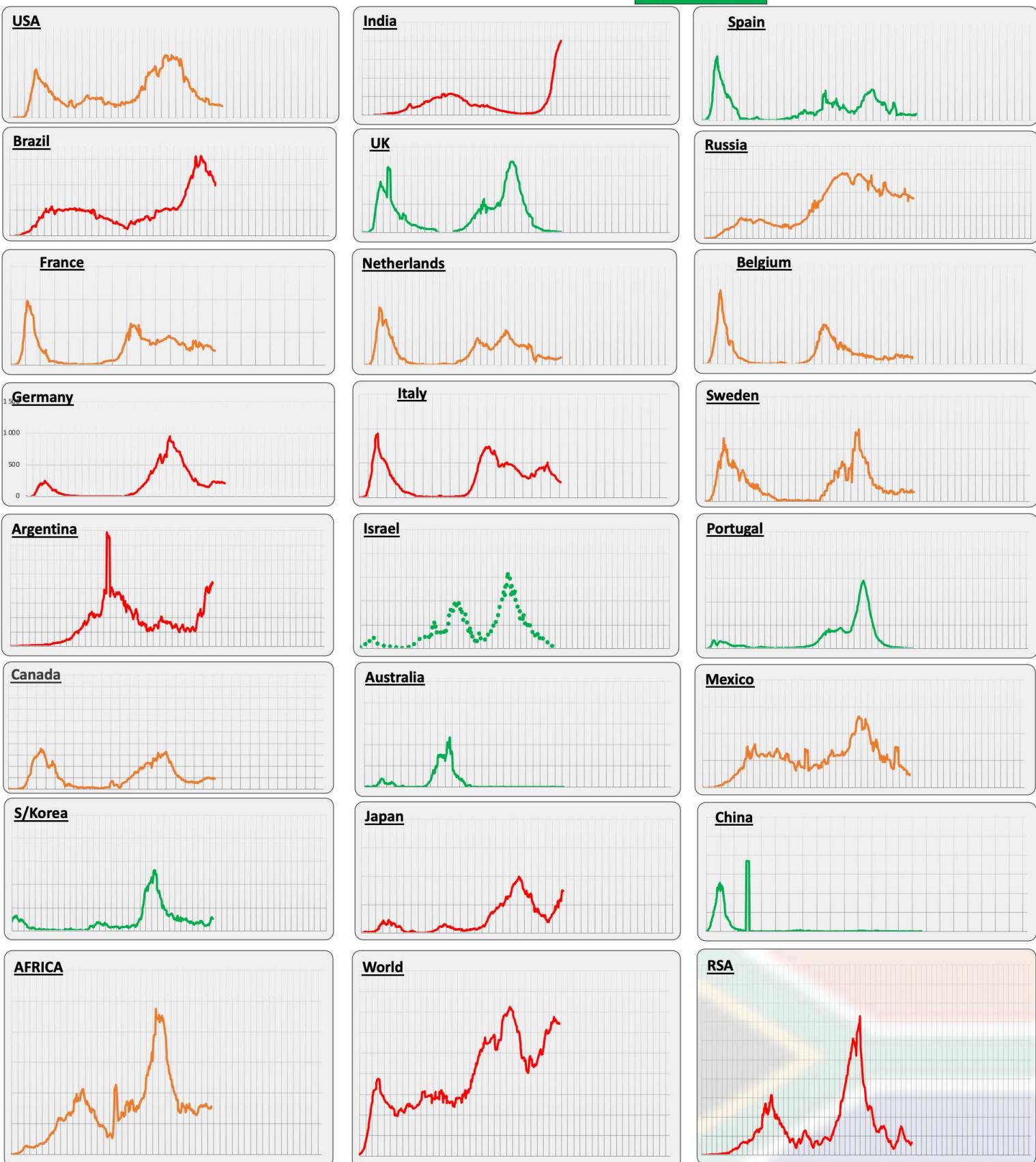
## World Daily Reported Deaths 7 Day MA

Page 2.3

7 Day MA Rising

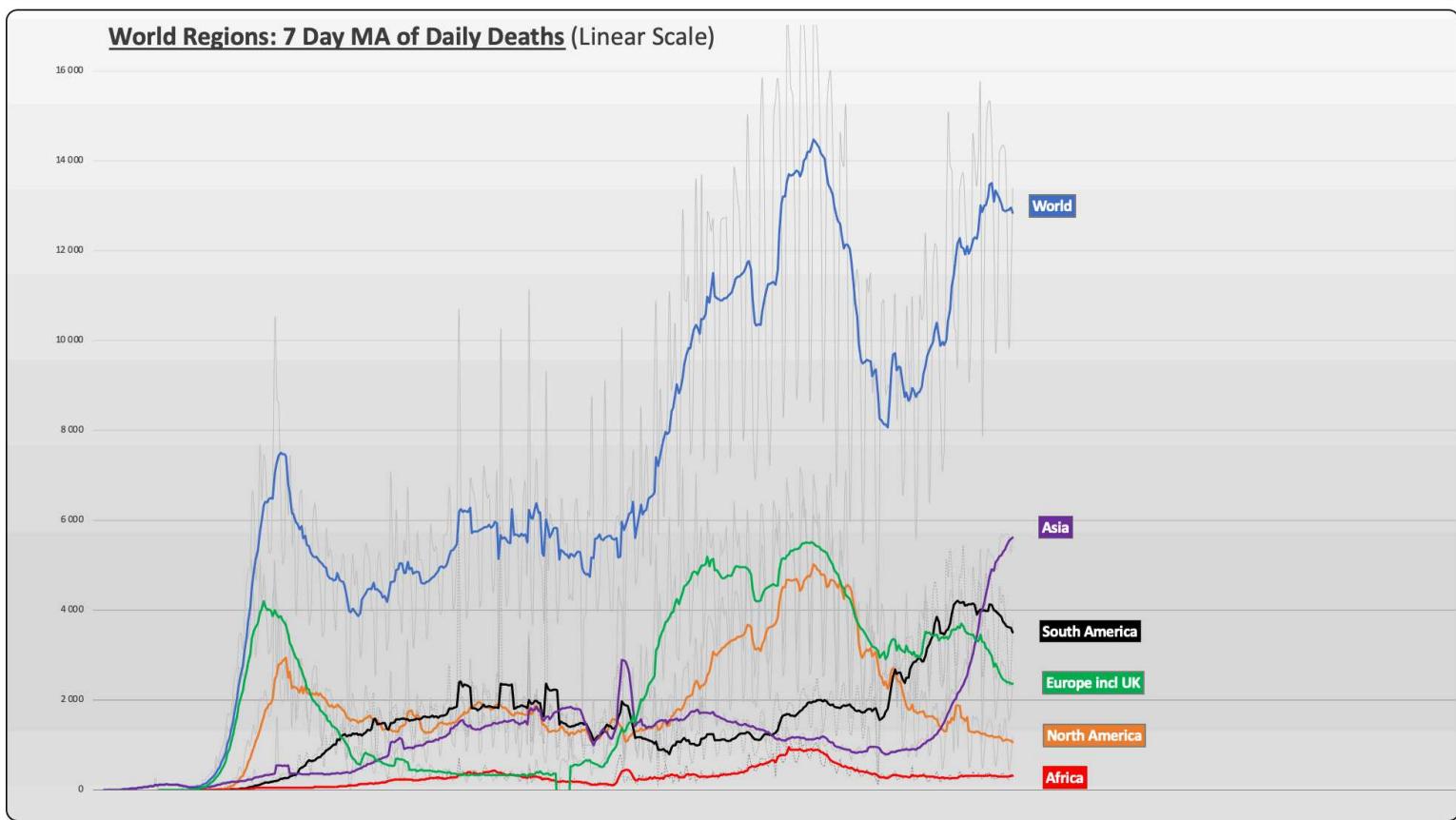
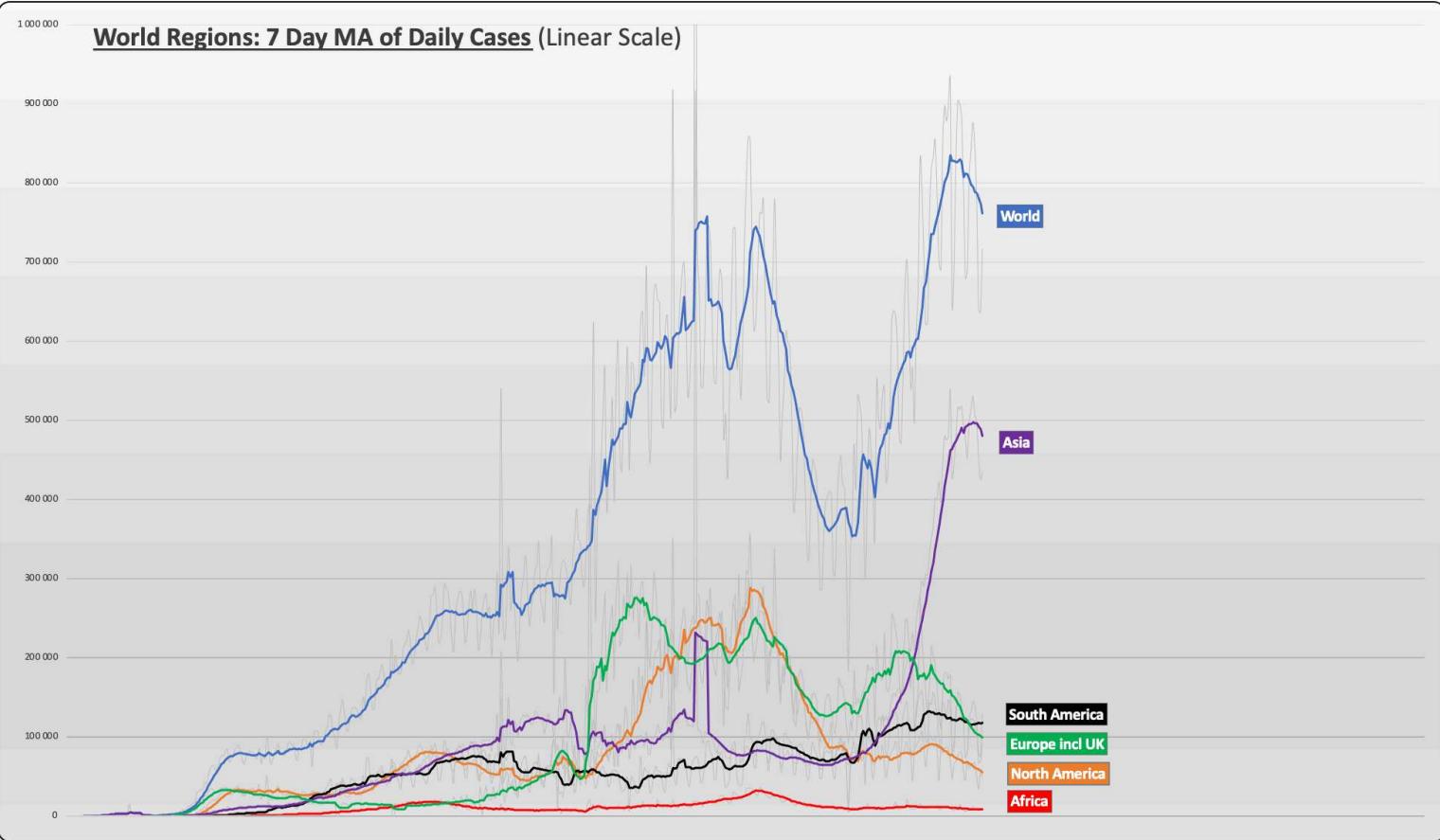
7 Day MA Declining but still high

7 Day MA Low and stable



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

**Page 3.0**



**RSA CUM DEATHS (updated weekly)**

Assuming 80% of Excess Deaths are Covid related.

280 000

230 000

180 000

130 000

80 000

30 000

-20 000

Incl Excess; 158173

Reported; 58967

**RSA CUM DEATHS PROJECTED TO end 2021 (updated weekly)**

Assuming 80% of Excess Deaths are Covid related.

250 000

200 000

150 000

100 000

50 000

Data as at:

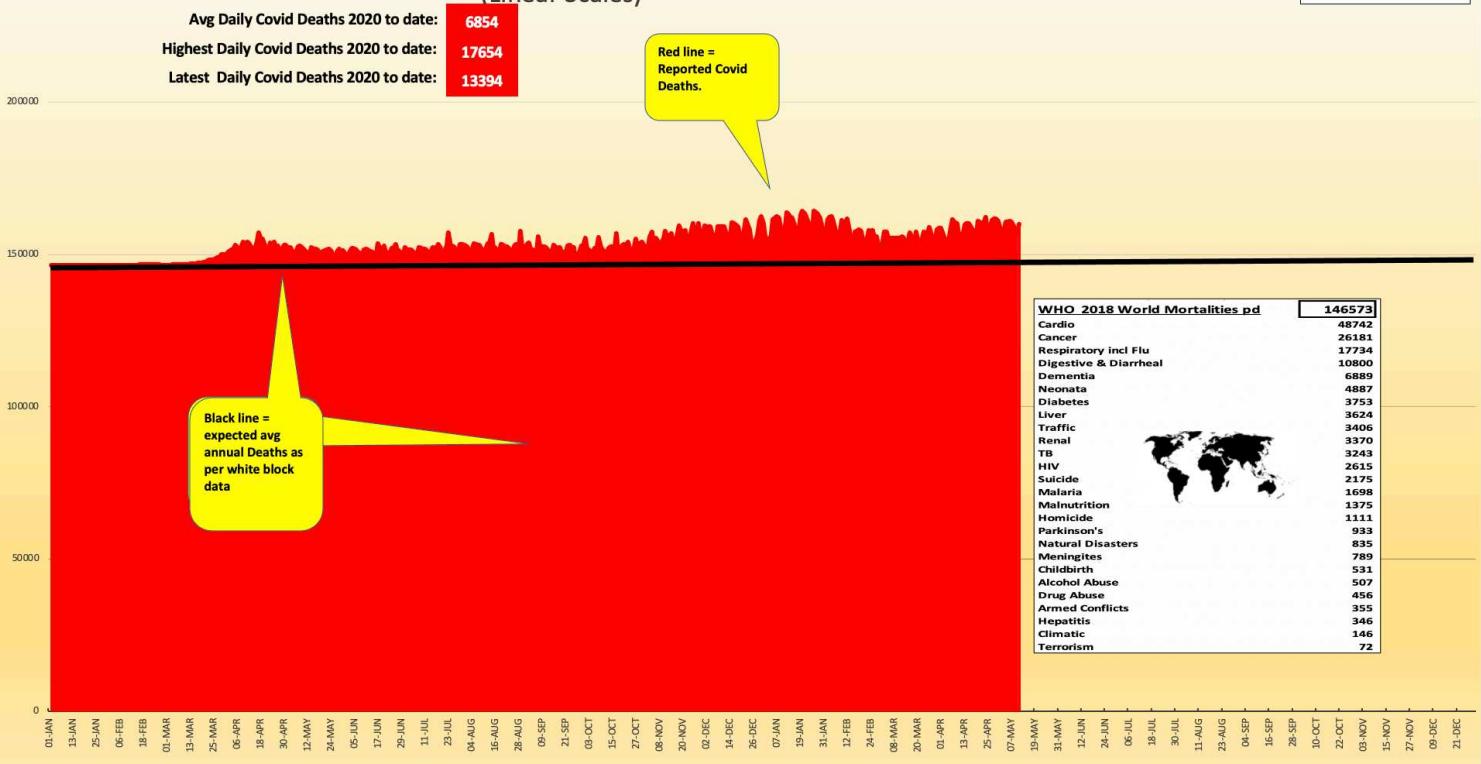
10 April 2021

Unless otherwise indicated

Incl Excess; 237 260 | % of PoP: 0,40%

Reported; 102 451 | % of PoP: 0,17%

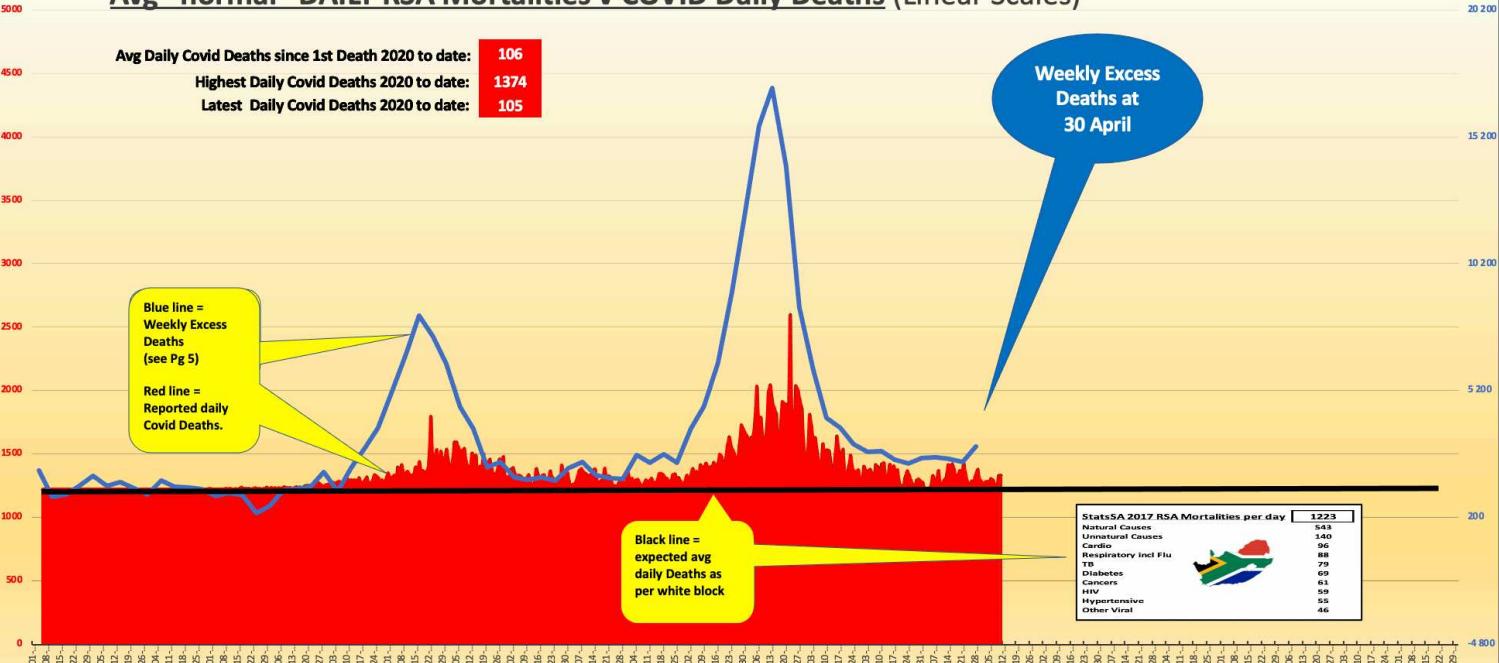
## Avg "normal" DAILY WORLD Mortalities v COVID Reported Daily Deaths (Linear Scales)



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.

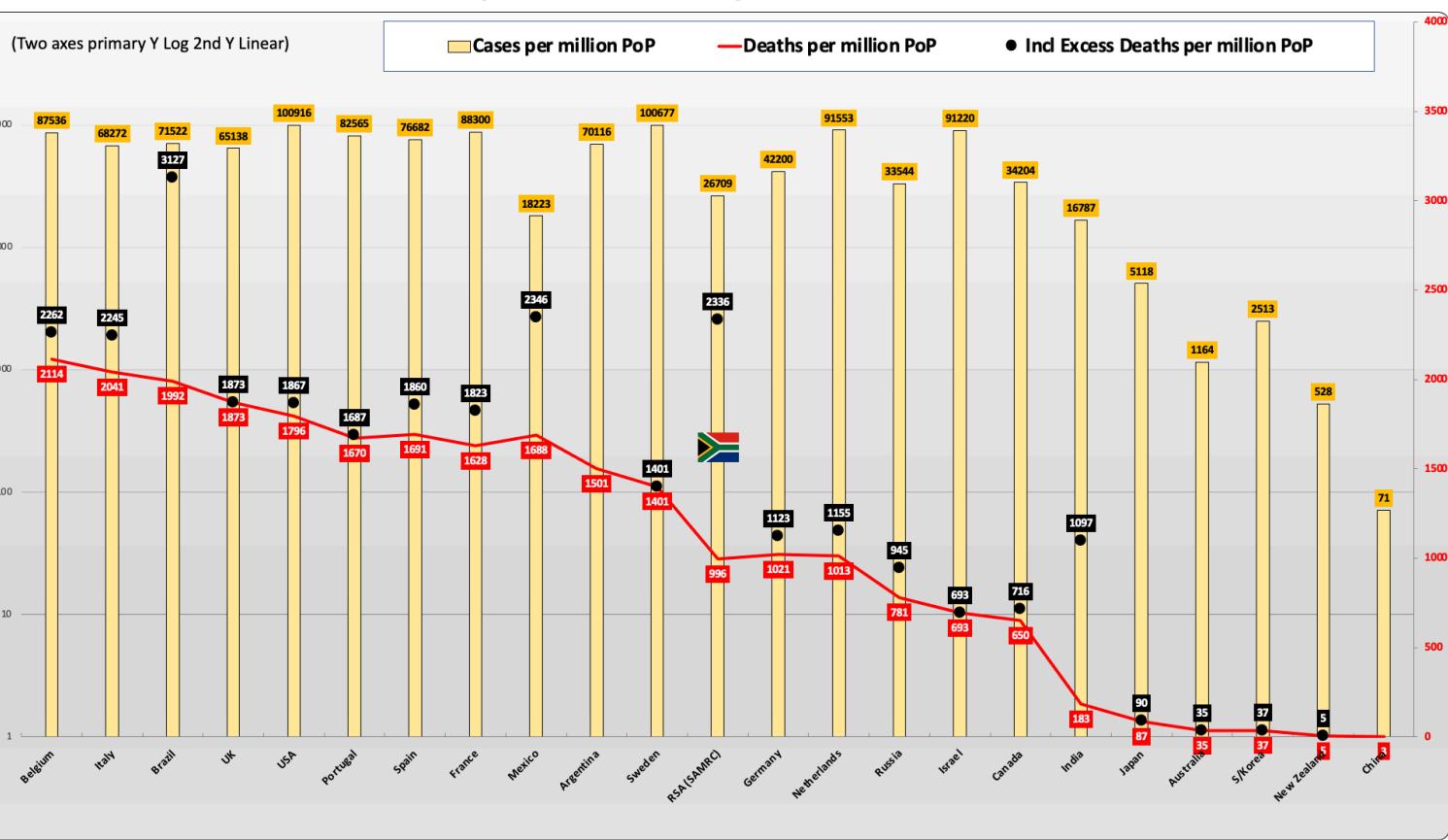
The RED area/lines on top of the red blocks are the INCREMENTAL Actual Daily Deaths due to Covid as officially reported.  
The BLUE line in the bottom RSA graph shows the SAMRC Excess Deaths weekly numbers.

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

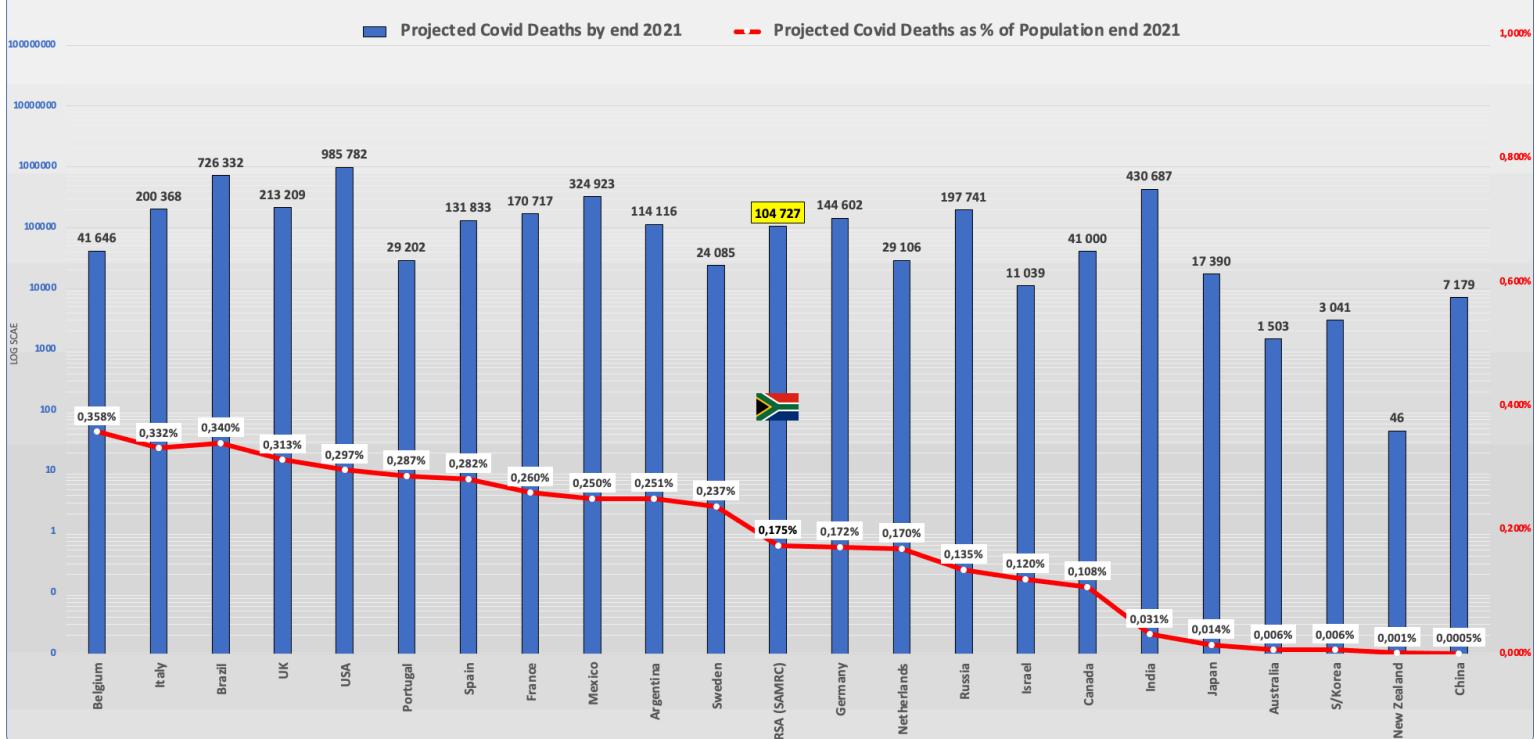


## Selected Countries' Current Reported Cases, Reported Deaths & Excess Deaths

Page 4



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



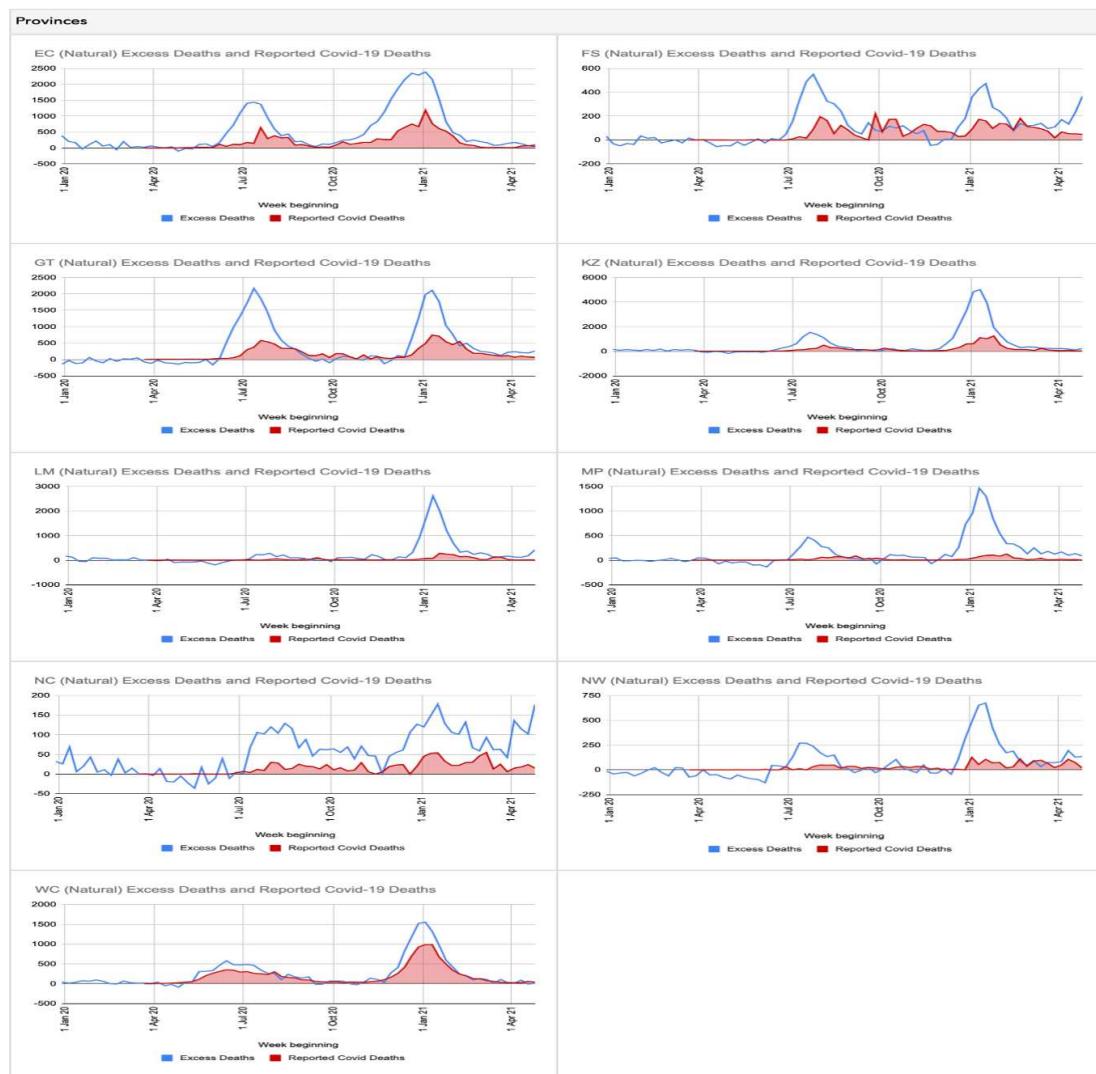
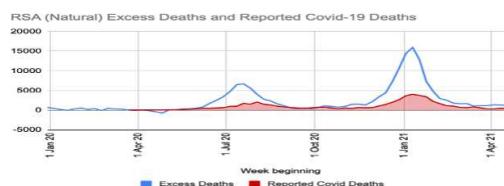
Data as at: 11 May 2021

Unless otherwise indicated

hdg 12 May 2021

**RSA Excess Deaths as per SA Medical Research Council**as at: **30 April 2021**

One approach to aid understanding of the emerging COVID-19 mortality is to compare the estimated weekly excess deaths with the number of COVID-19 deaths reported by the Minister of Health as shown in the figure below. This comparison is hampered to some degree by the fact that the excess deaths are classified by week in which the death occurred; the reported COVID-19 deaths are classified by date the numbers are reported to the Department. If all excess natural deaths were due to COVID-19, and all COVID-19 deaths were perfectly identified and reported, the two series would be identical. The number of estimated excess deaths has begun to decrease, consistent with the trend in the number of confirmed COVID-19 deaths. Although more data are needed on the underlying causes of death, this observation is strongly supportive that a significant proportion of the current excess mortality being observed in South Africa is likely to be attributable to COVID-19.



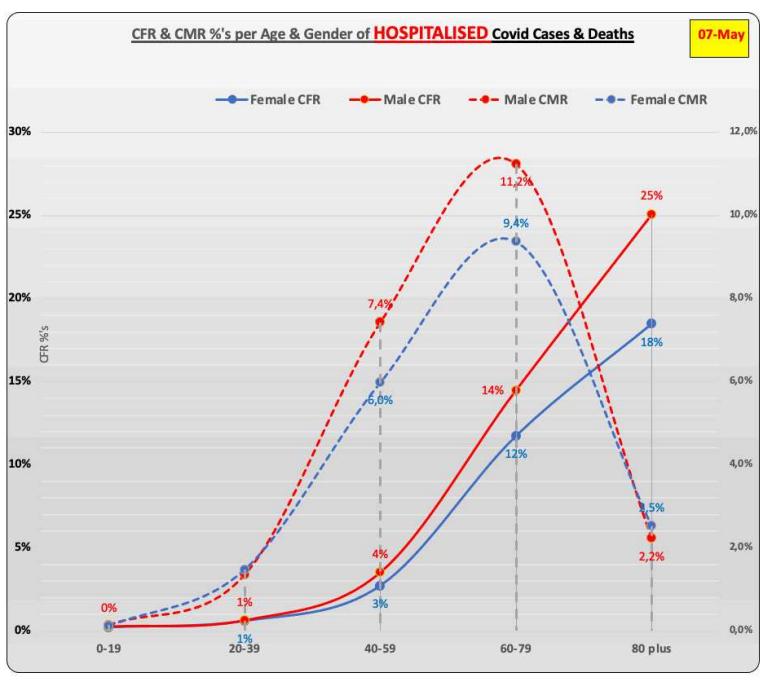
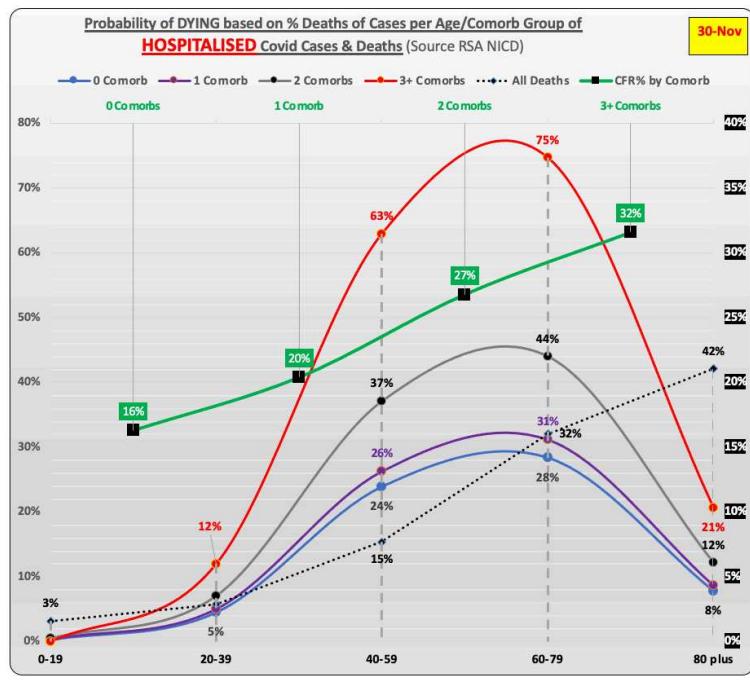
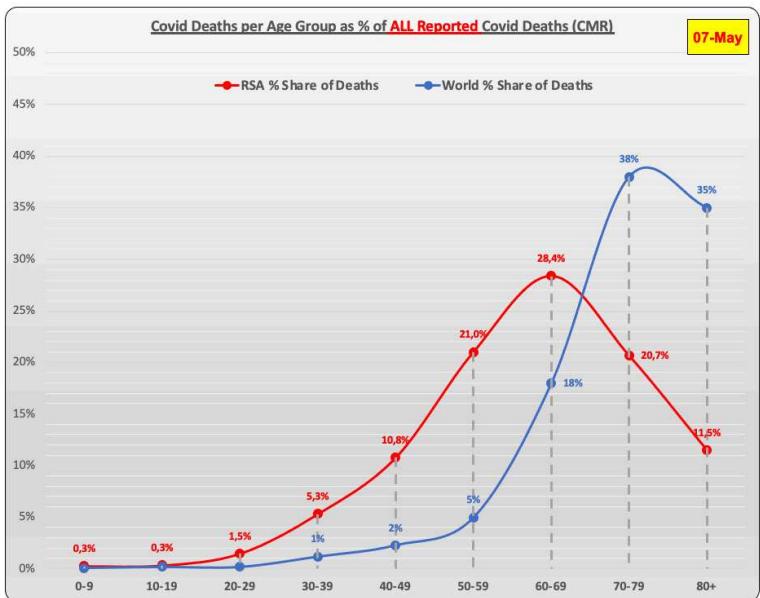
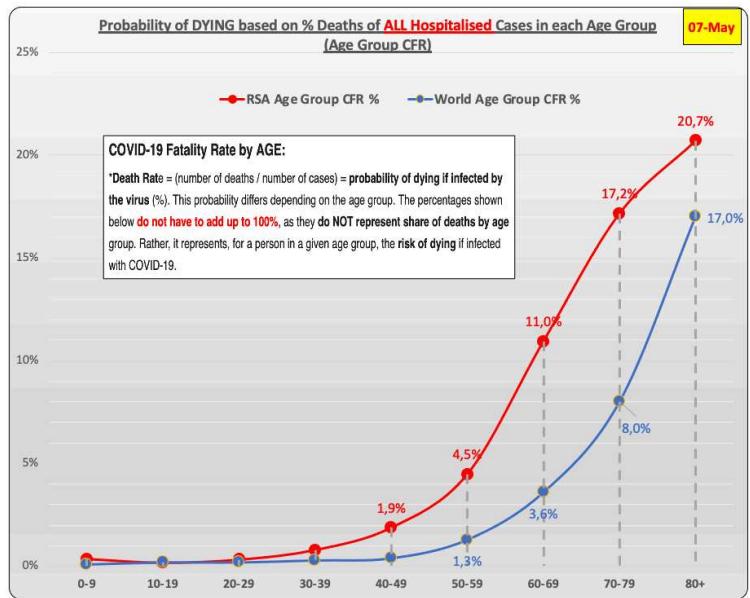
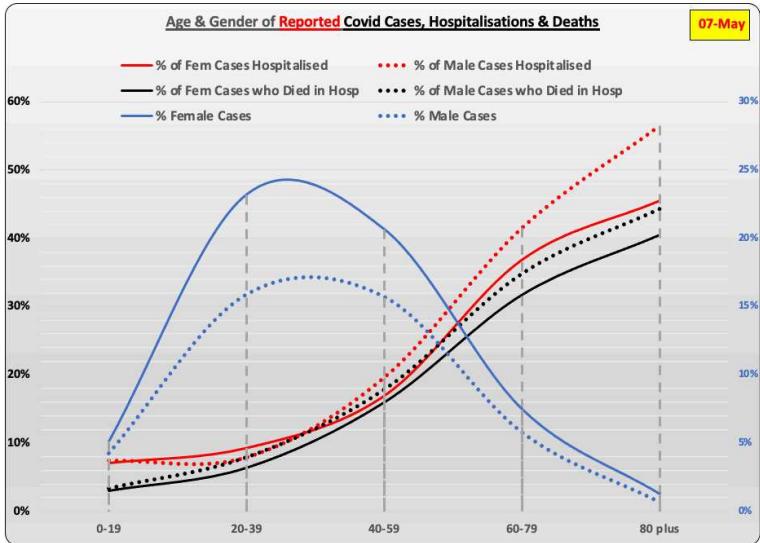
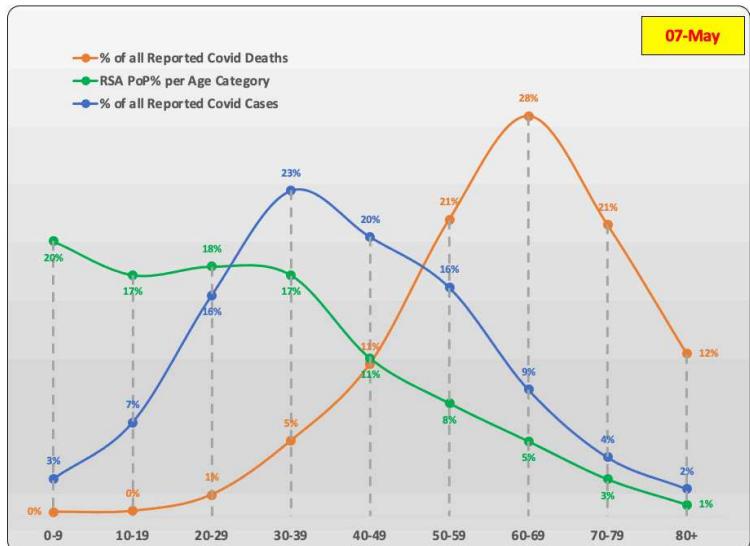
The red lines are weekly Covid deaths as reported by Dept of Health.

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

The gaps are the so-called "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

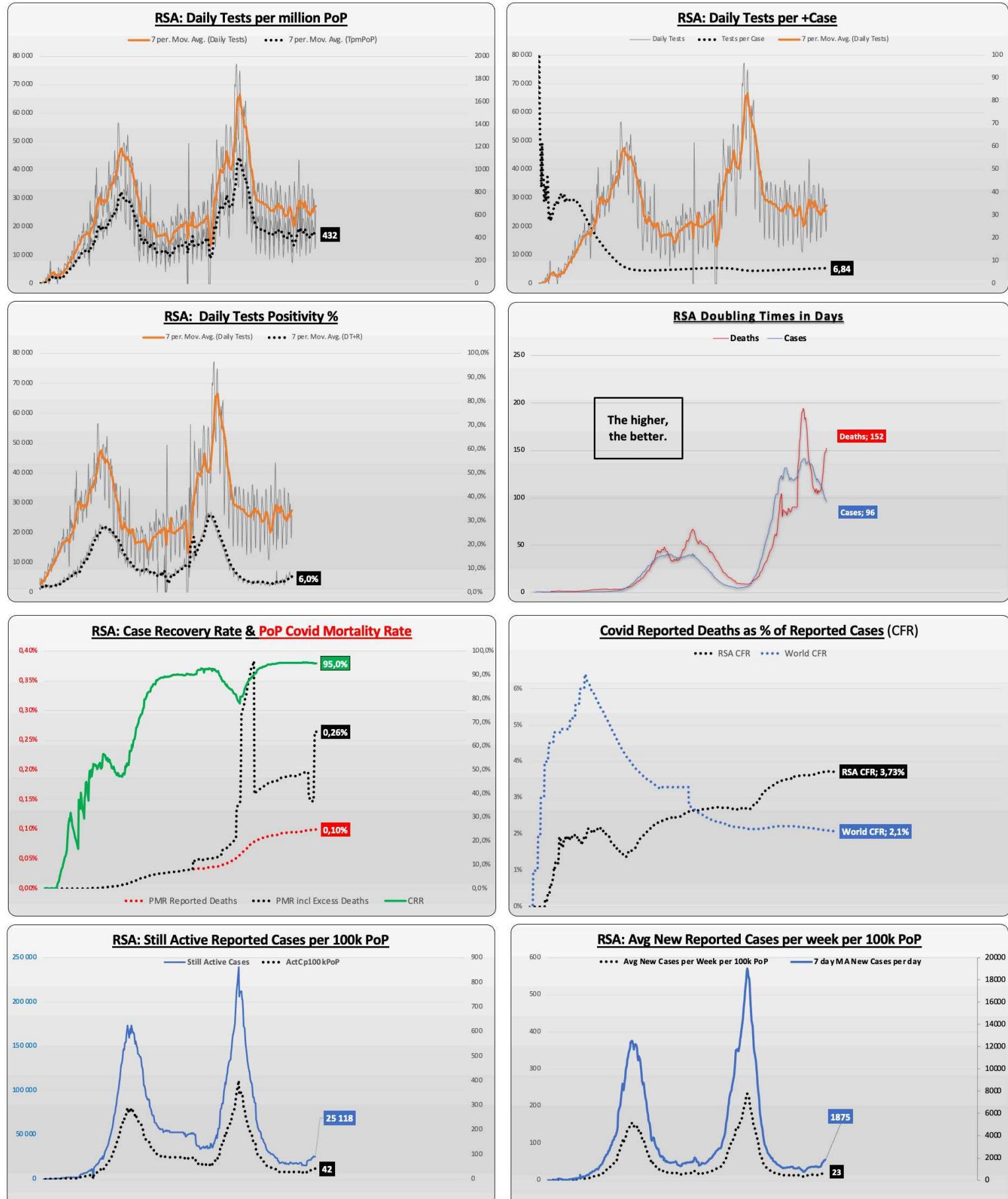


Data as at: As indicated per graph

hdg 12 May 2021

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

Page 5.2



Data as at:

11 May 2021

Unless otherwise indicated

hdg

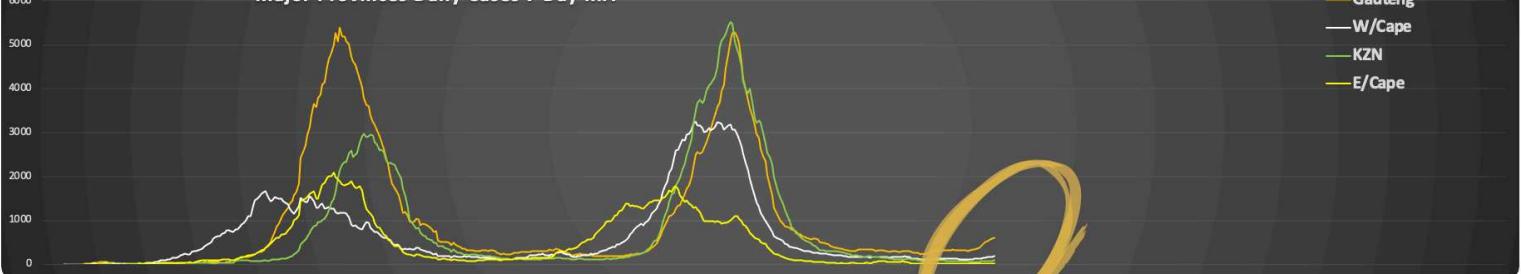
12 May 2021

# RSA & Provinces Key Data Sets

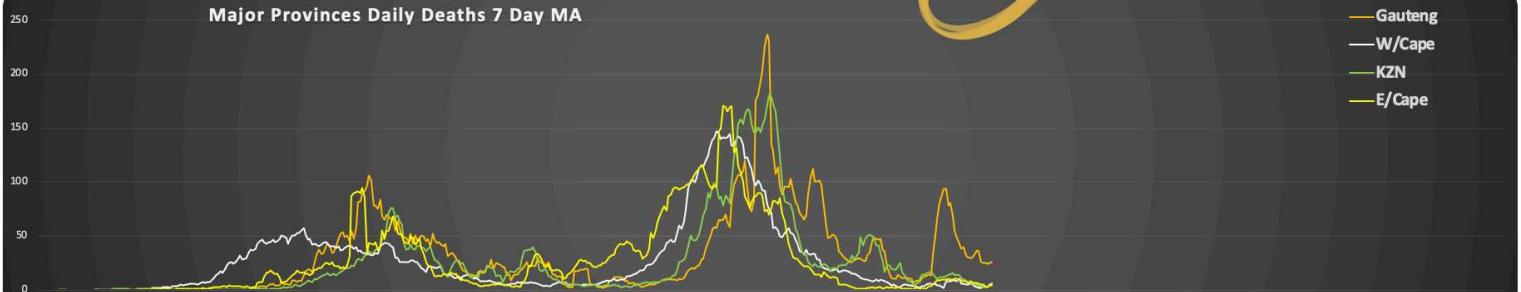
All linear scales

Page 5.3

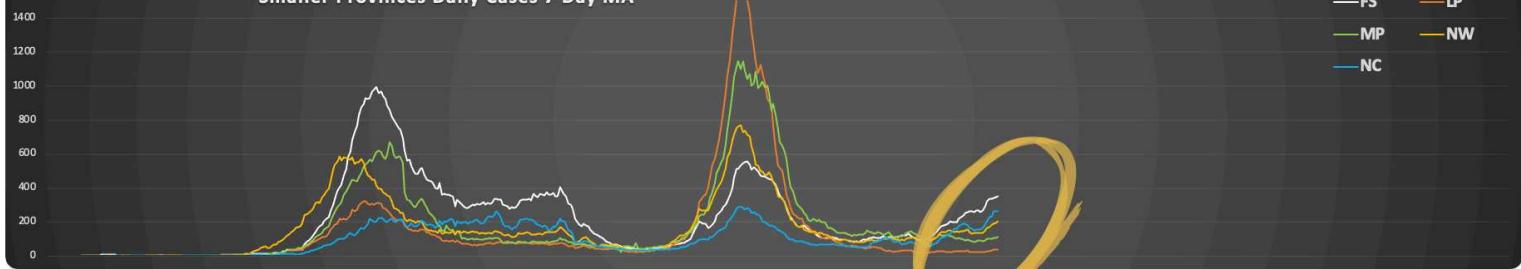
**Major Provinces Daily Cases 7 Day MA**



**Major Provinces Daily Deaths 7 Day MA**



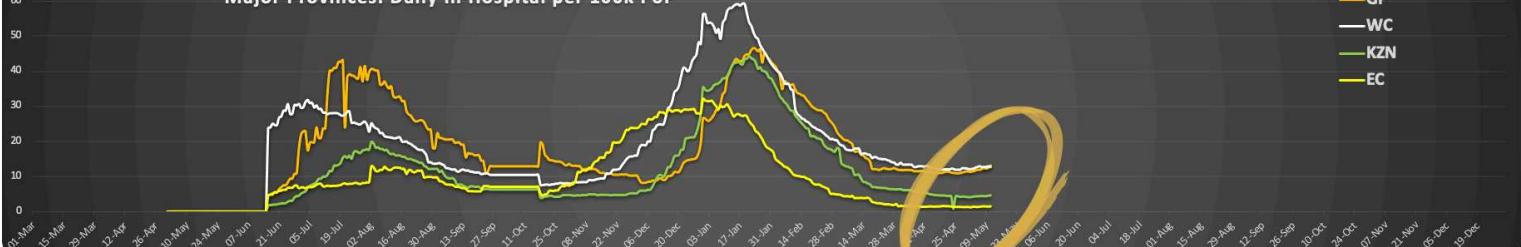
**Smaller Provinces Daily Cases 7 Day MA**



**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:

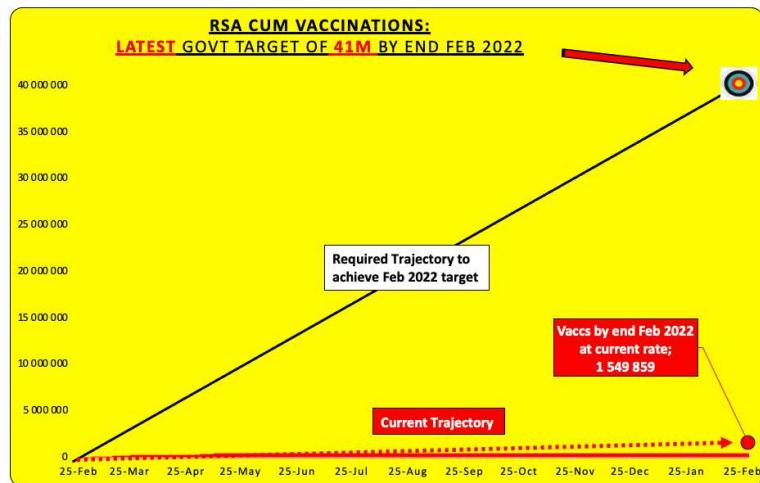
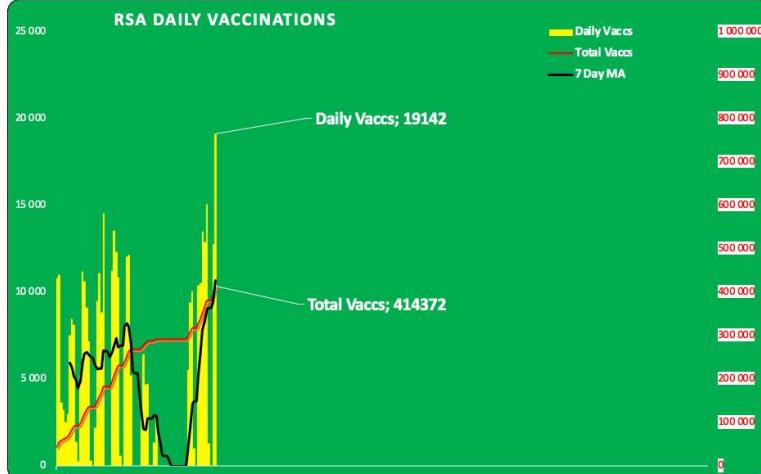
11 May 2021

Unless otherwise indicated

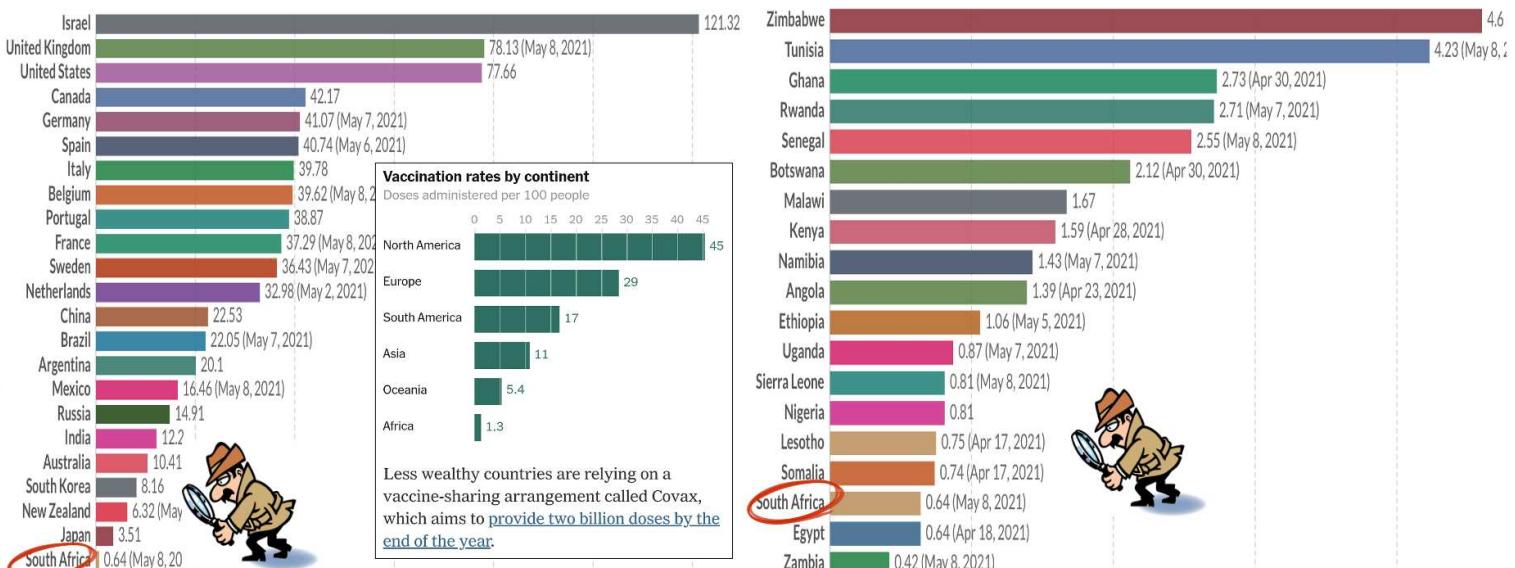
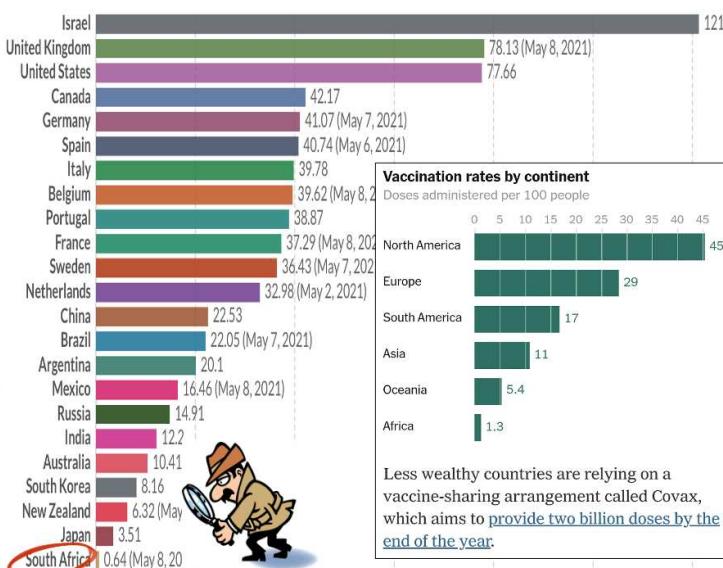
hdg

12 May 2021

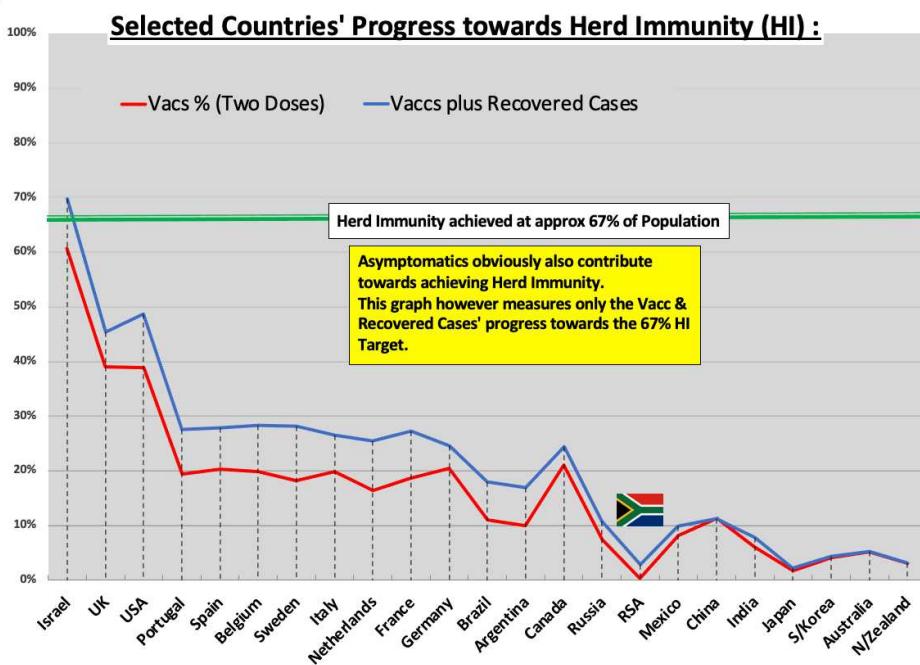
## Vaccination Data



### Selected countries who publish their VAC data : Vaccs per 100 Population (# >100 means into 2nd doses)



### Selected Countries' Progress towards Herd Immunity (HI) :



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

Vaccs to date: 414 372 (single dose) Avg Vaccs per day: 5 381

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

20,6 Years



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](http://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 be 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.



## Africa Daily Reported New Cases & Deaths 7 Day MA

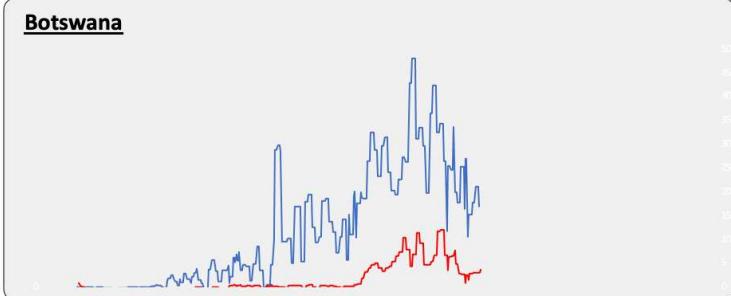
Page 6.2

 Noteworthy: Regular data shows adverse trends

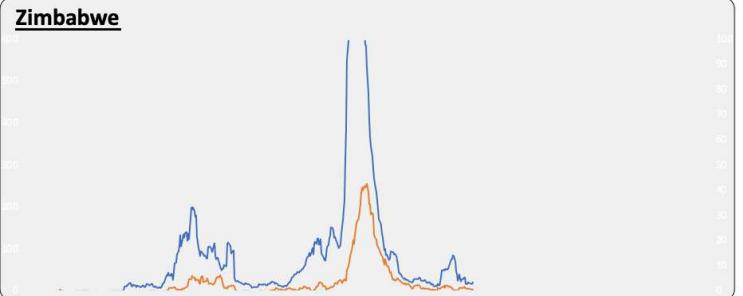
(Jan 2020 to Present)

CASES DEATHS

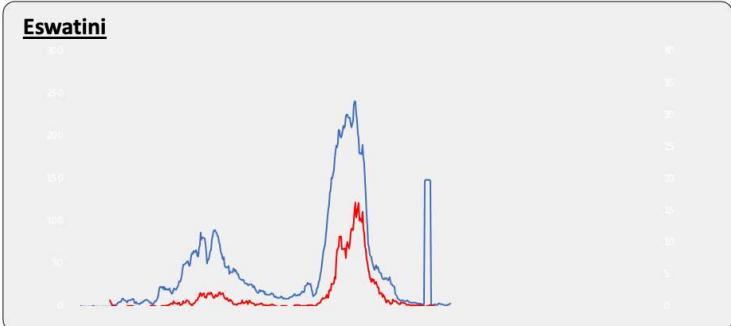
Botswana



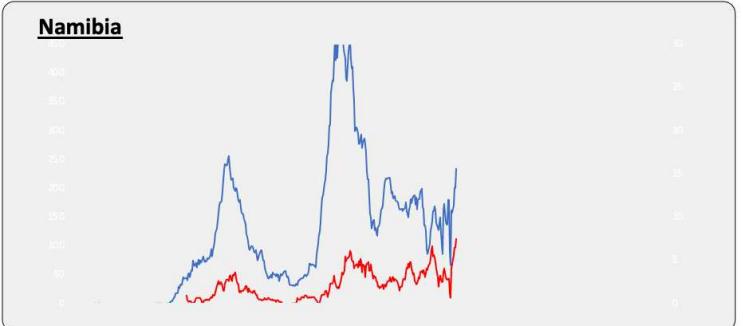
Zimbabwe



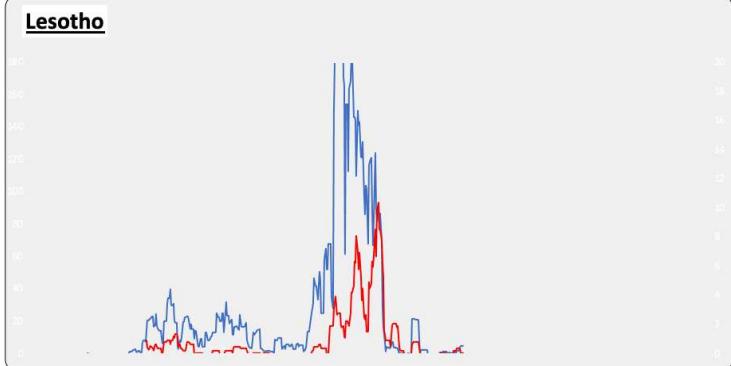
Eswatini



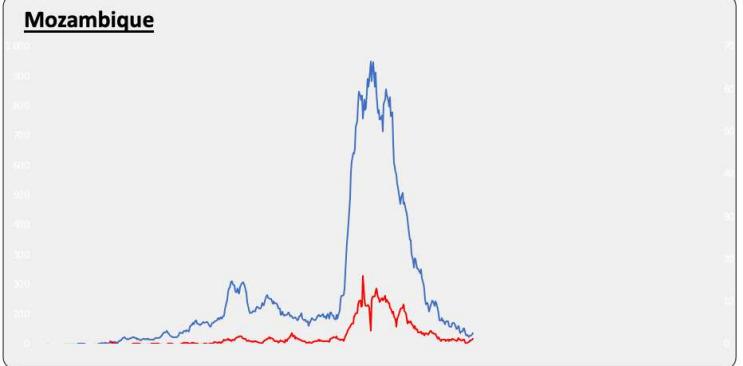
Namibia



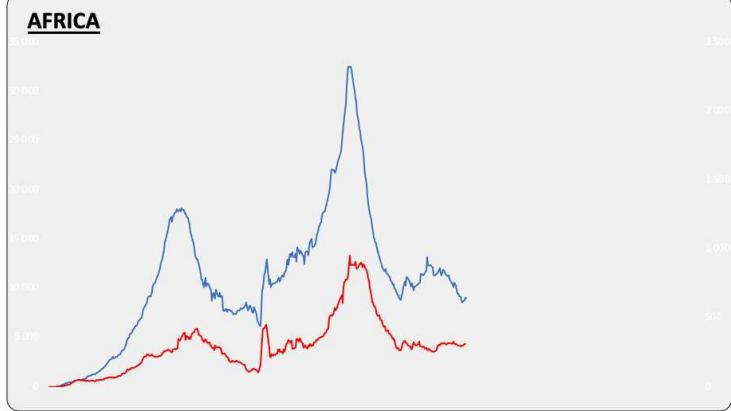
Lesotho



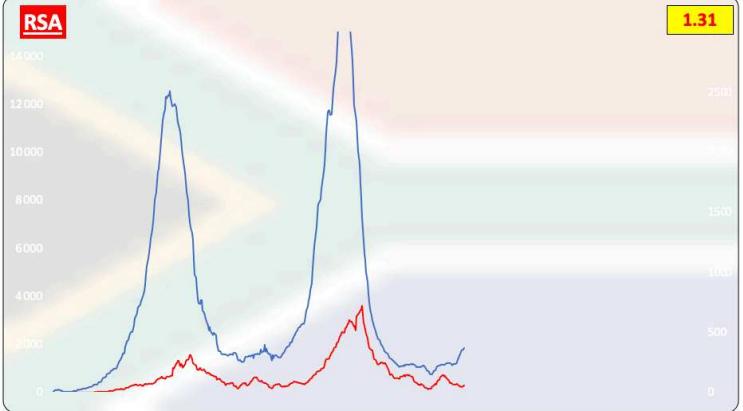
Mozambique



AFRICA



RSA

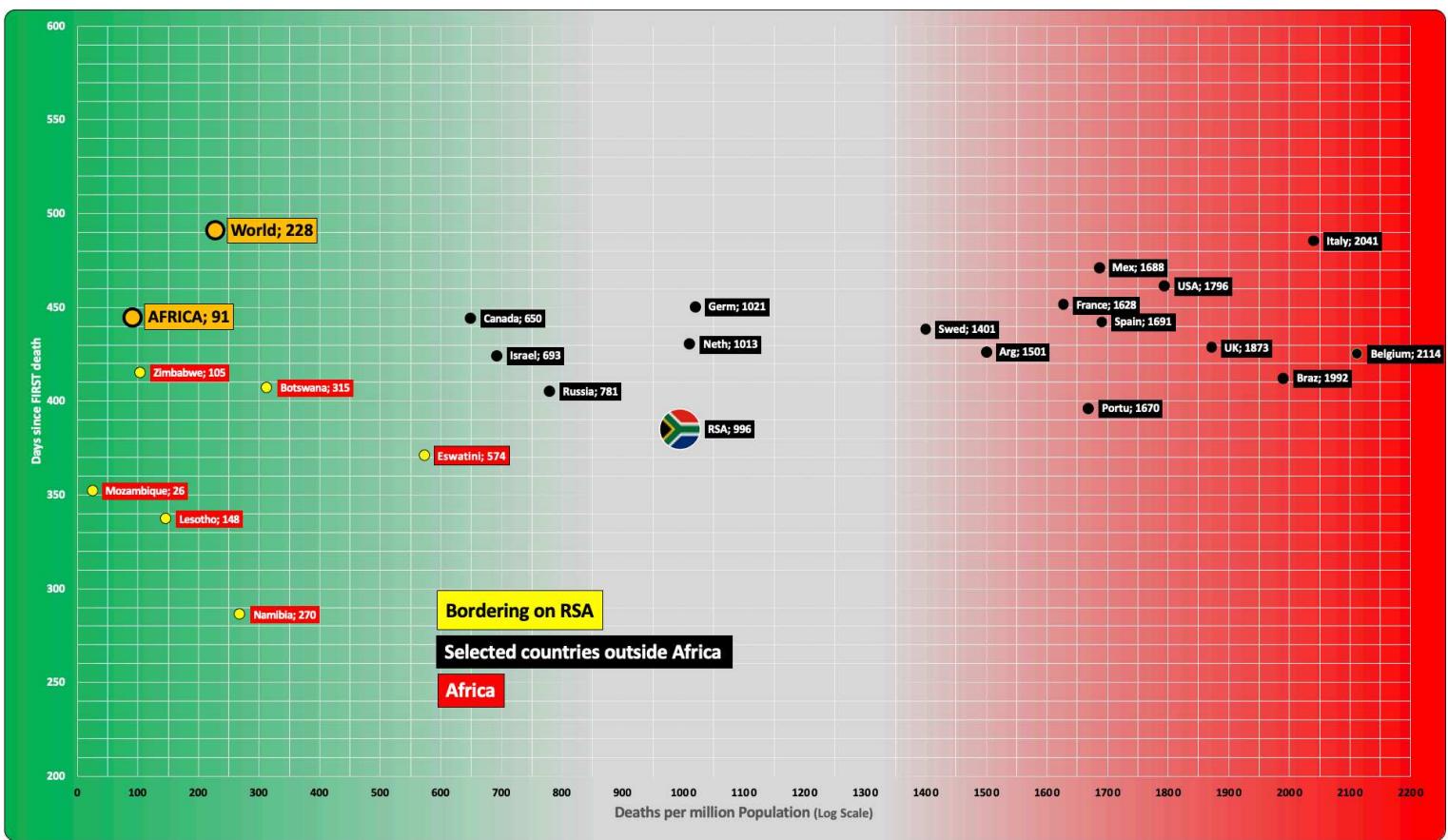


Data as at: 11 May 2021

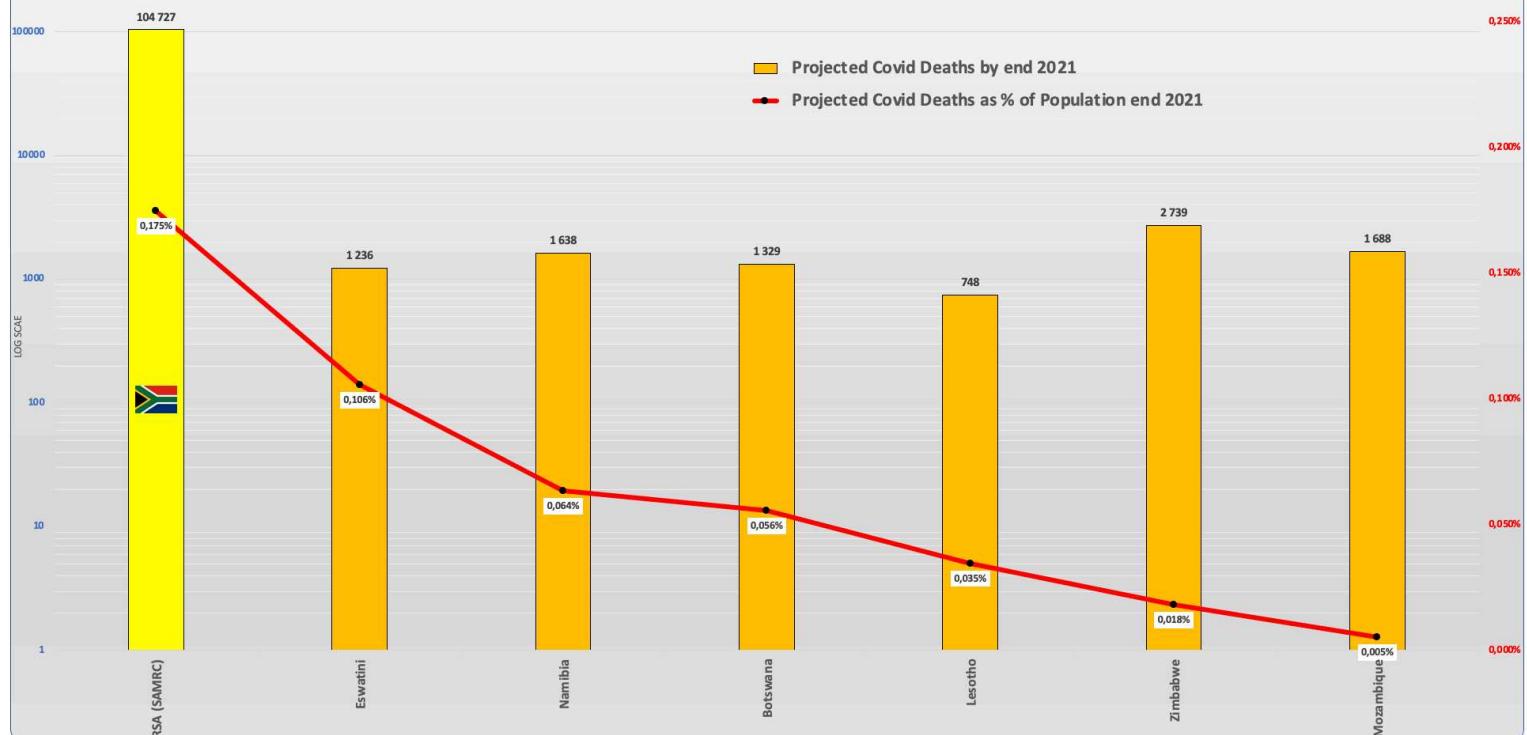
Unless otherwise indicated

hdg

12 May 2021



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



## Some food for thought.....



WHAT ARE YOU UP TO?  
YOU KNOW HOW WHEN I HAVE A PACKAGE COMING, I SIT HERE REFRESHING THE PACKAGE TRACKER?

IS THAT THE STATE VACCINE WEBSITE?



YOU KNOW IT WILL BE A WHILE BEFORE YOU CAN-  
|  
REFRESH  
THEY HAVEN'T EVEN ANNOUNCED WHEN-



ARE YOU GOING TO SIT THERE CLICKING REFRESH FOR SEVERAL MONTHS?

I AM READY FOR THE PANDEMIC TO BE DONE.

