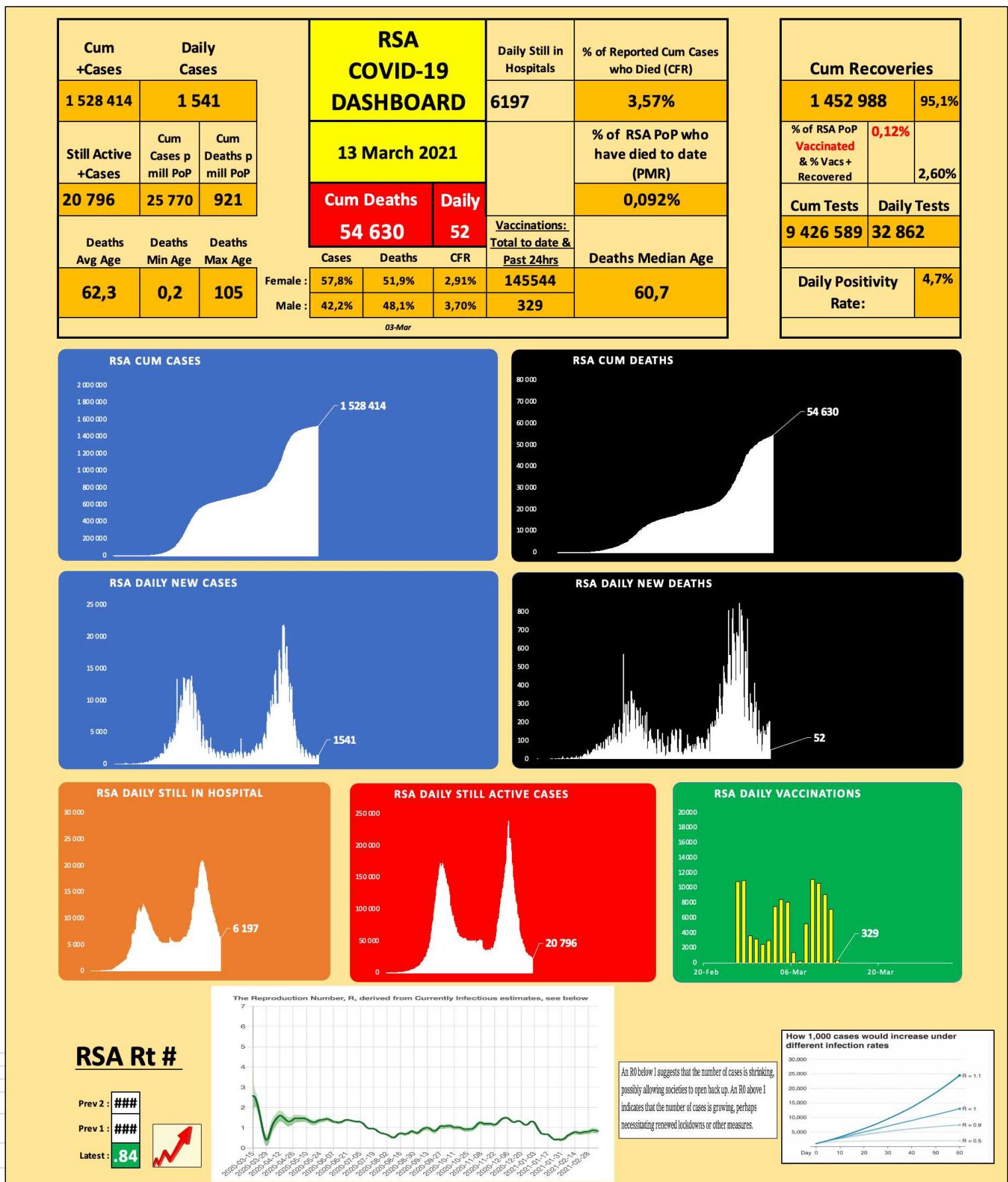


# HarryG COVID-19 Dashboard

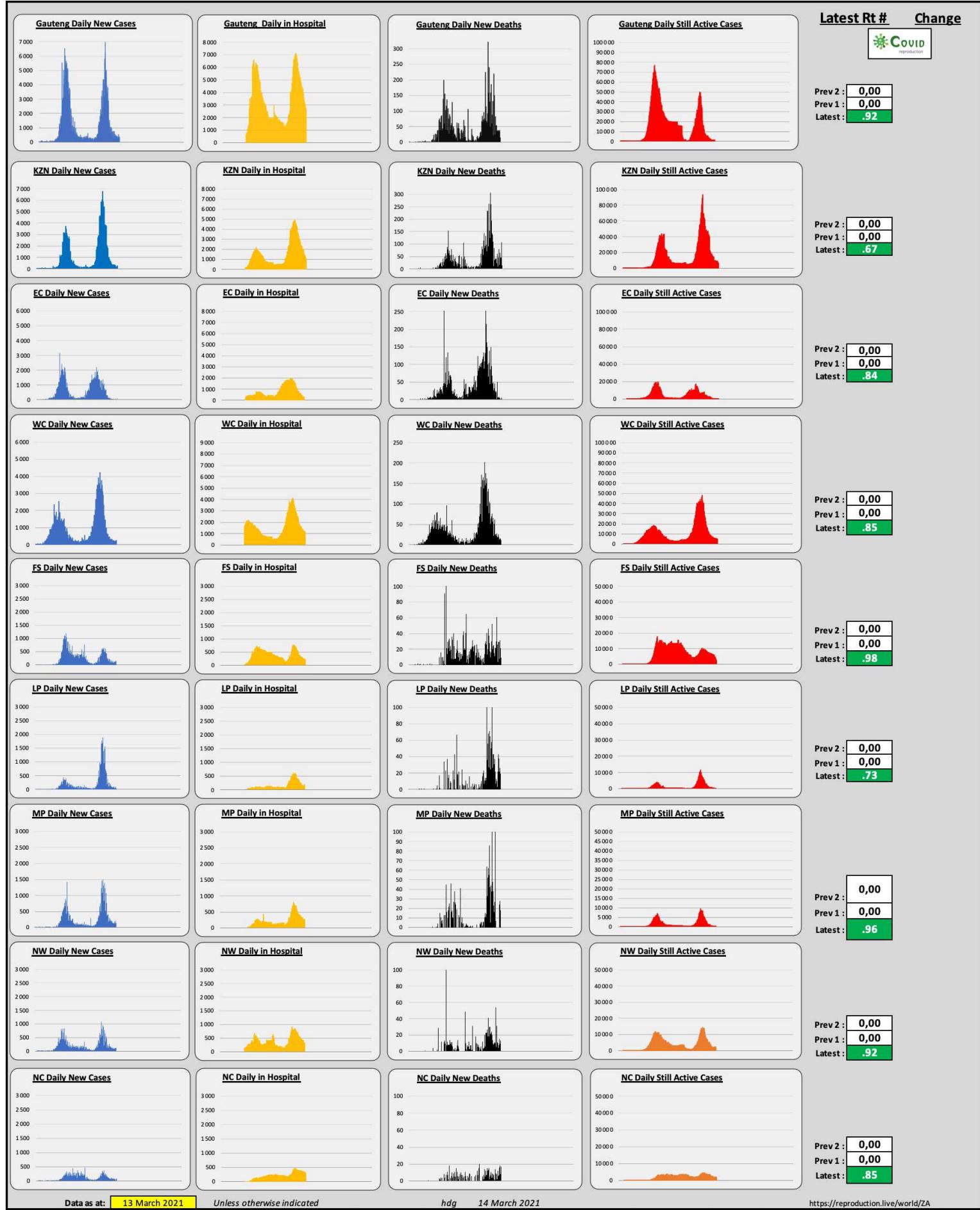
Page 1



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

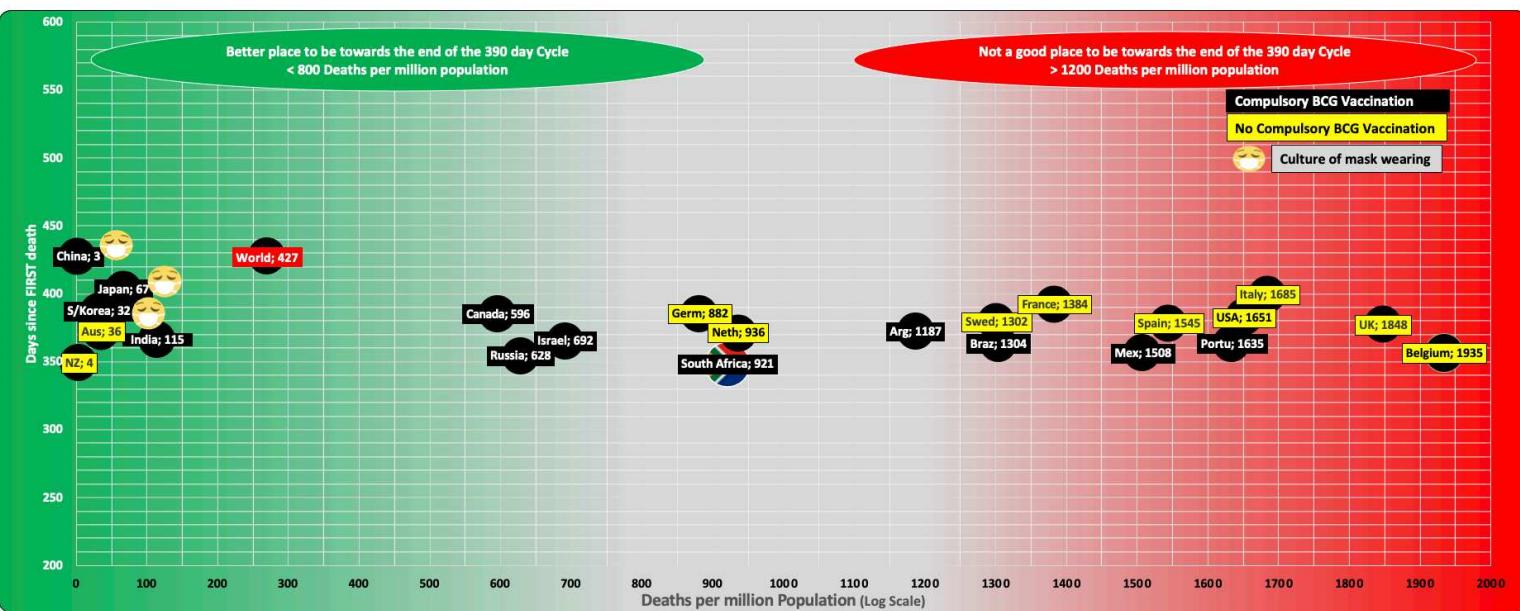
Page 1.1

How old is the Data? : Cases 2-5 days, Hospitalisation 1-3 days, Deaths 4-10 days, Still Active Cases 4-10 days, Rt #'s 3-10 days

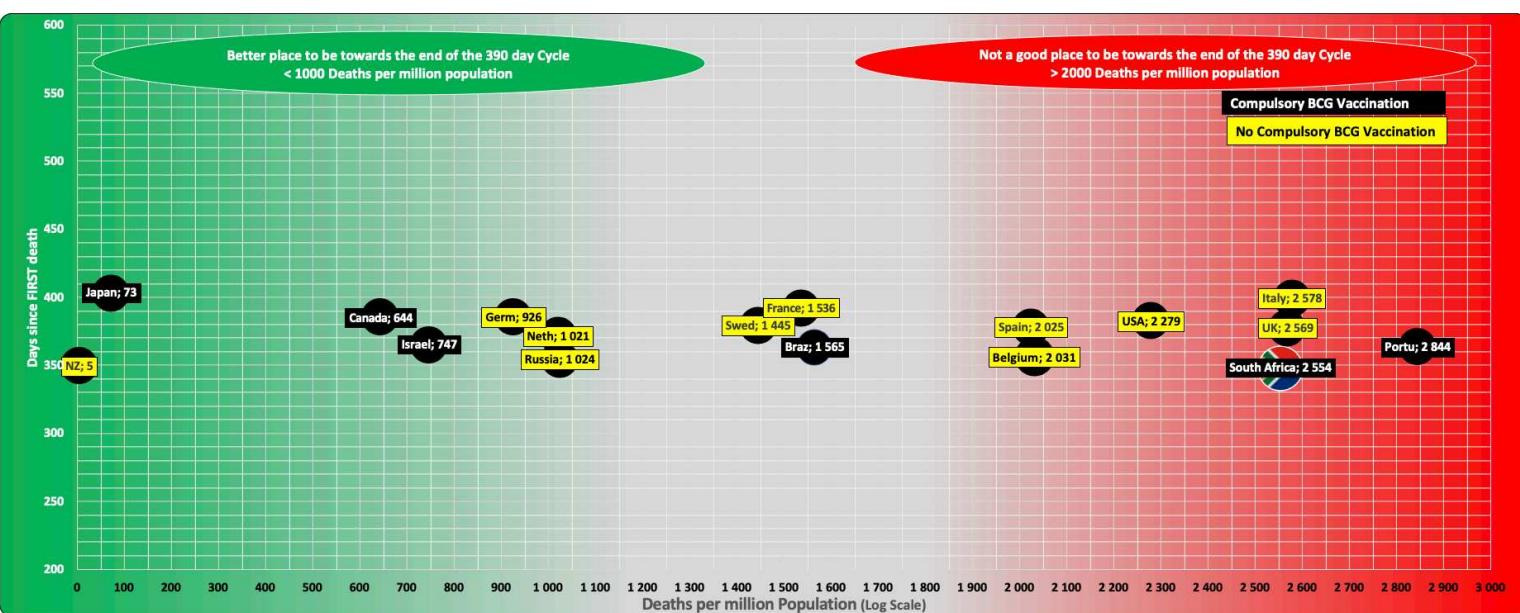


## Selected Countries' Reported Deaths per mill PoP

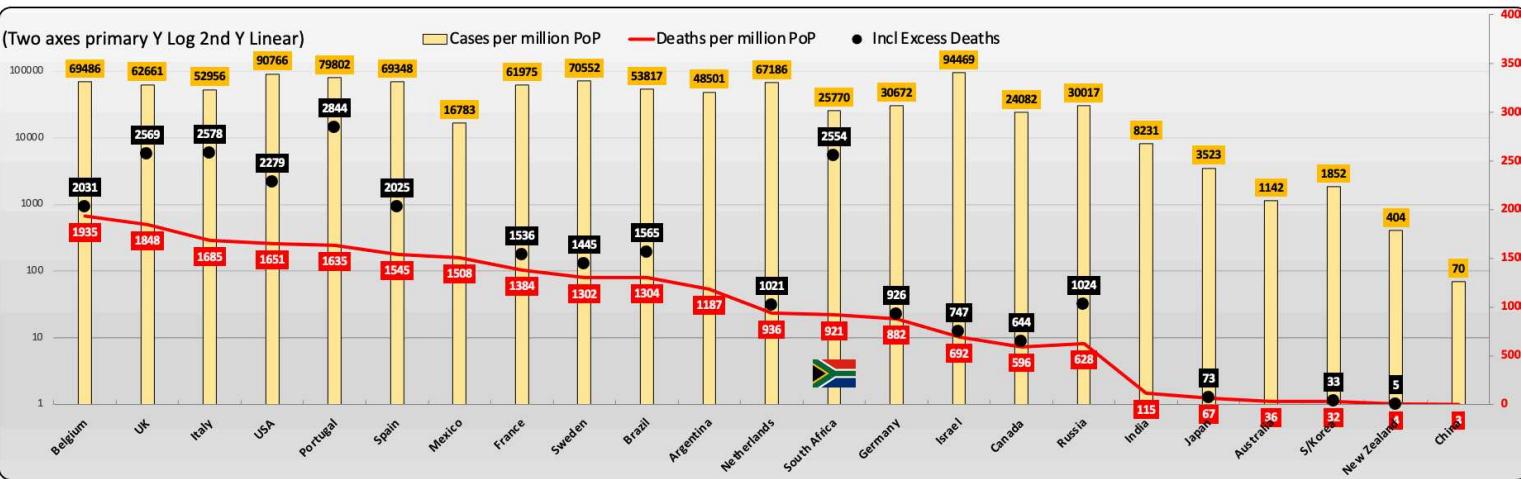
Page 2



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



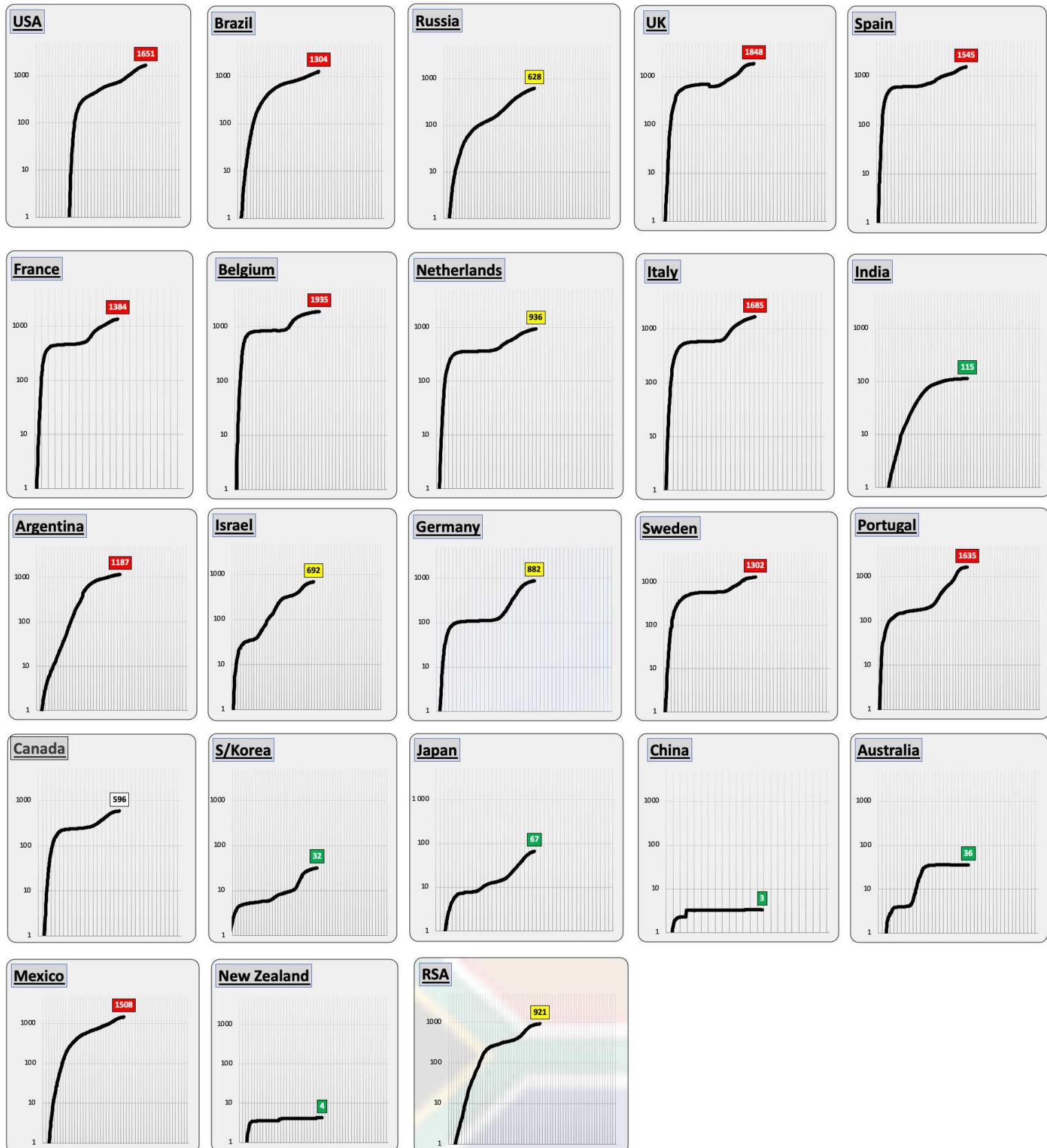
## Selected Countries<sup>1</sup> Reported Cases, Reported Deaths & Excess Deaths per mill PoP



## Cum Reported Deaths per mill PoP for selected countries

All on same Log Scale (compare Apples with Apples)

Cum Deaths > 1000 per Mill
Cum Deaths > 600 per Mill
Cum Deaths < 200 per Mill



## Daily Reported Deaths plus 7 Day MA

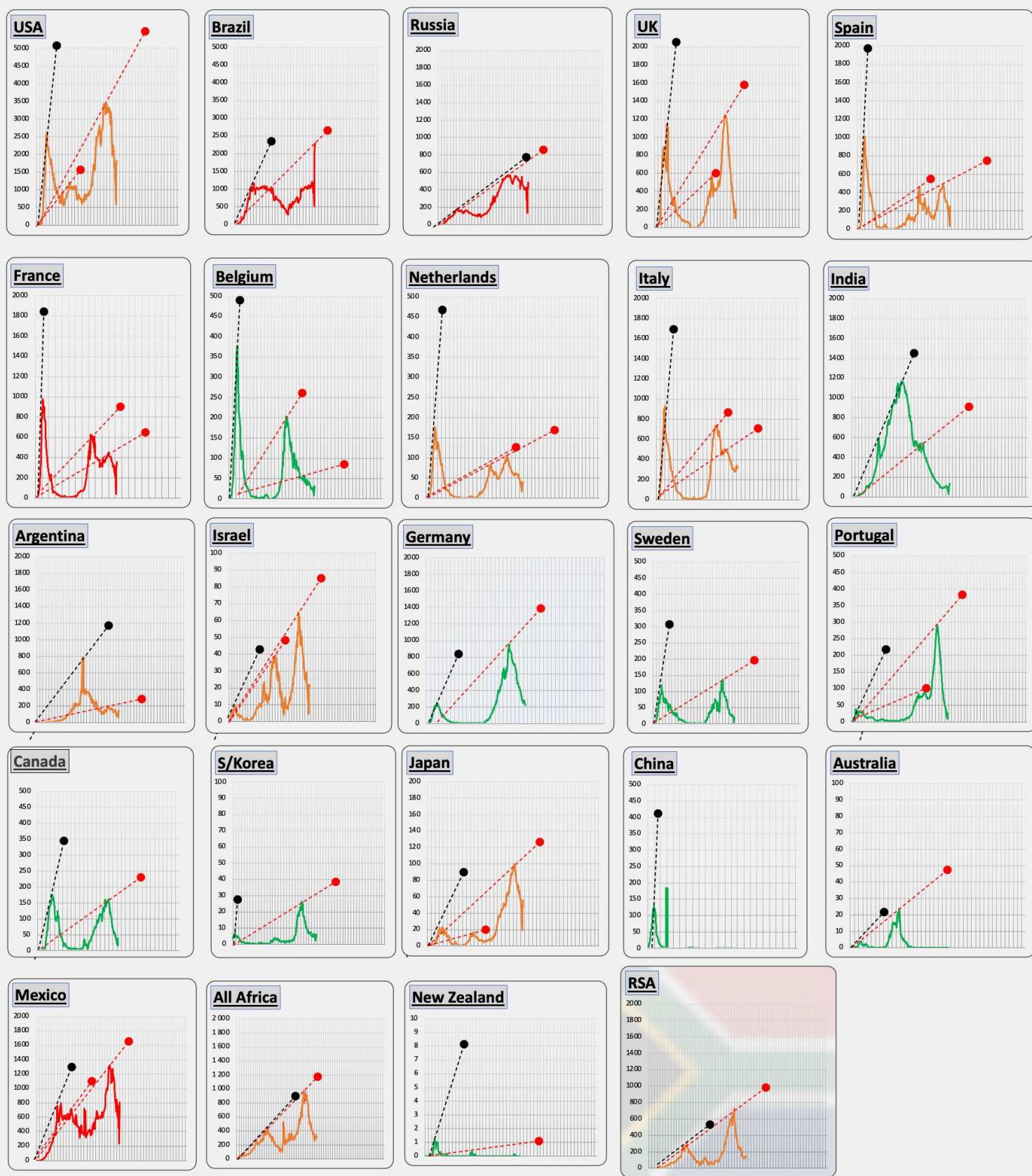
also Rate of Onset/Next Wave "Inclinometers"

Peaked but still high

Passed peak but could rebound OR next wave

Well past peak, unlikely to rebound

**Page 2.2**



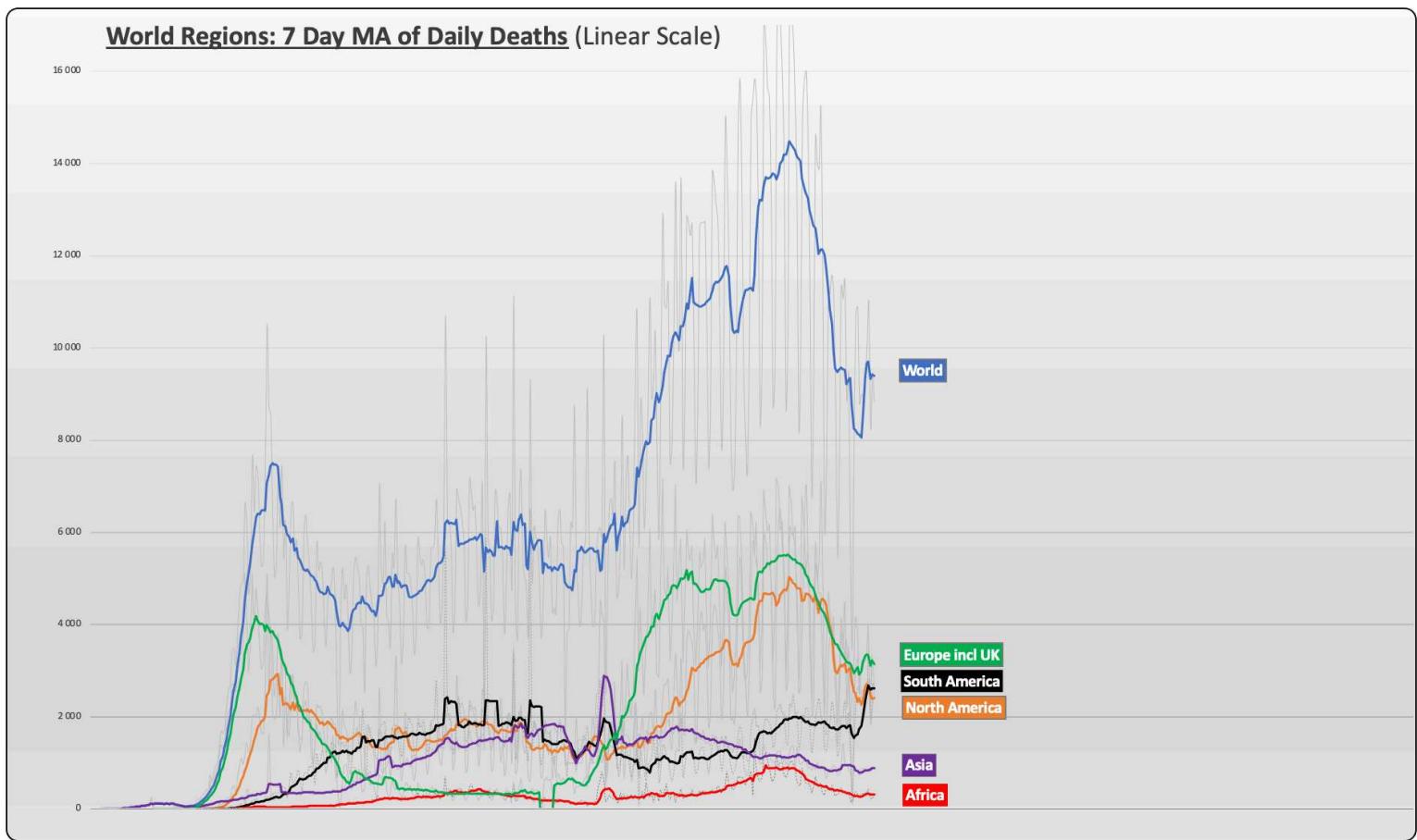
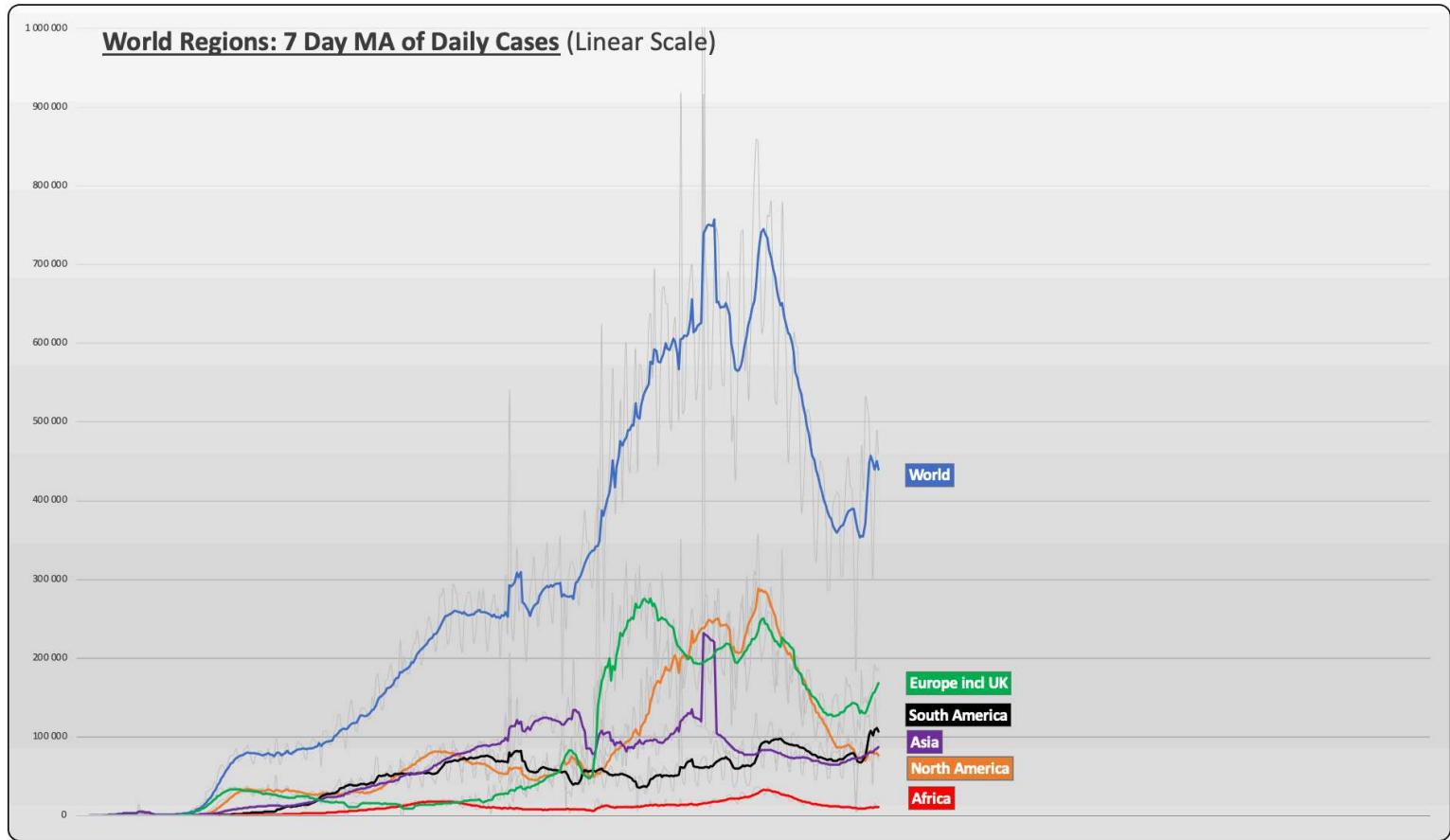
Data as at: 13 March 2021

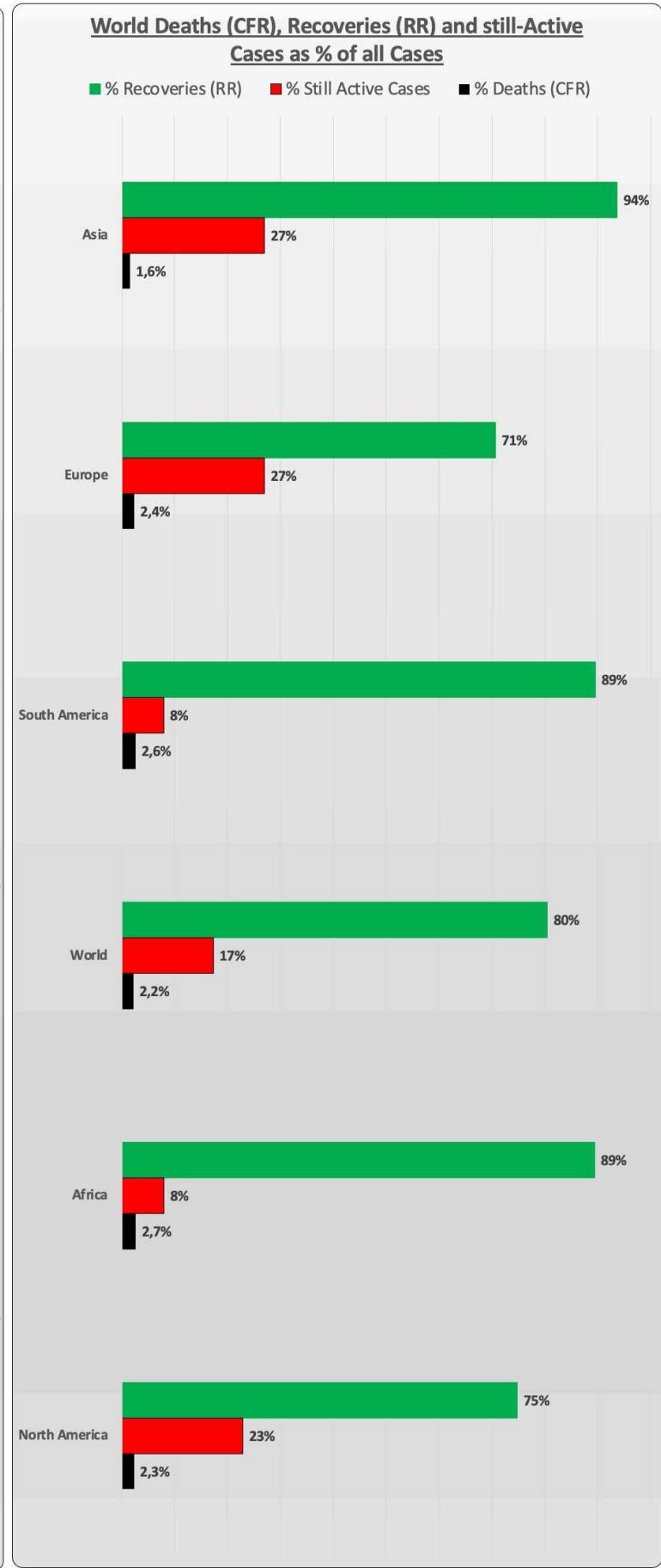
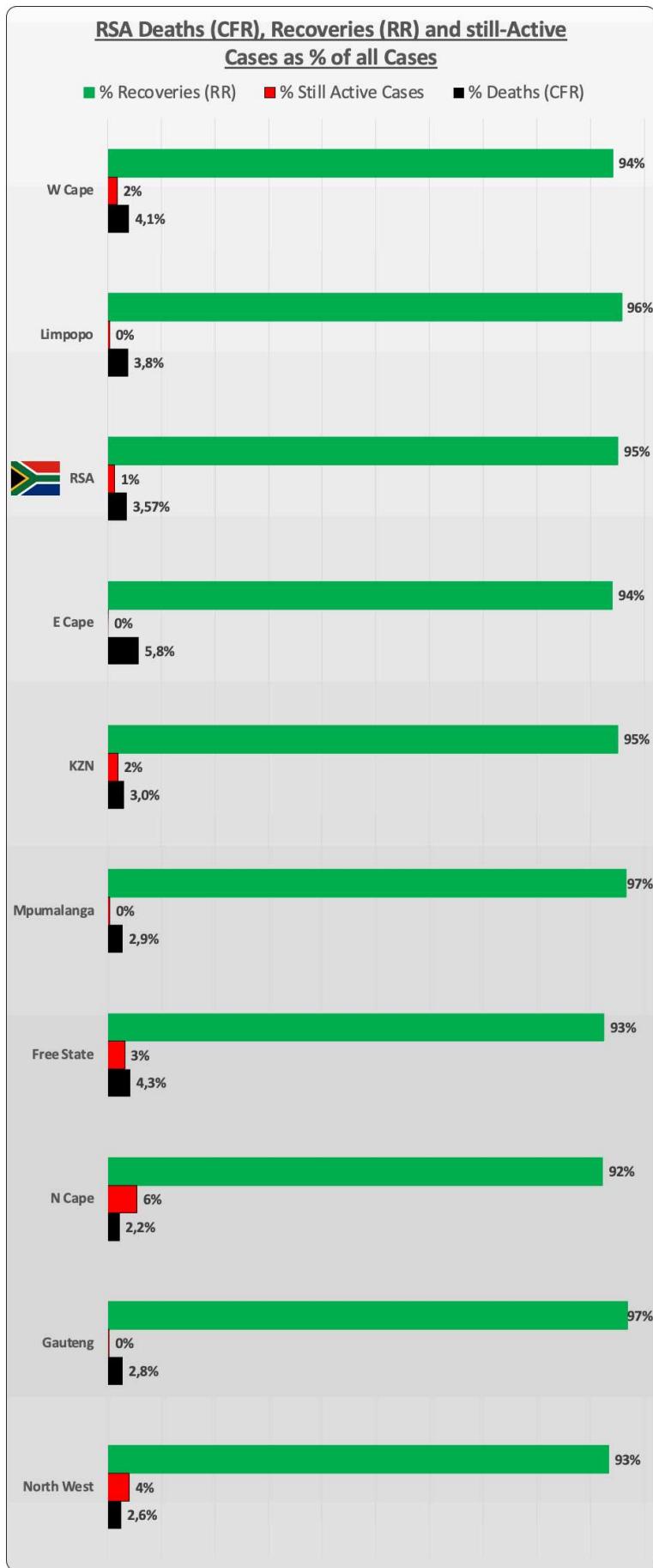
Unless otherwise indicated

hdg 14 March 2021

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

Page 3.0





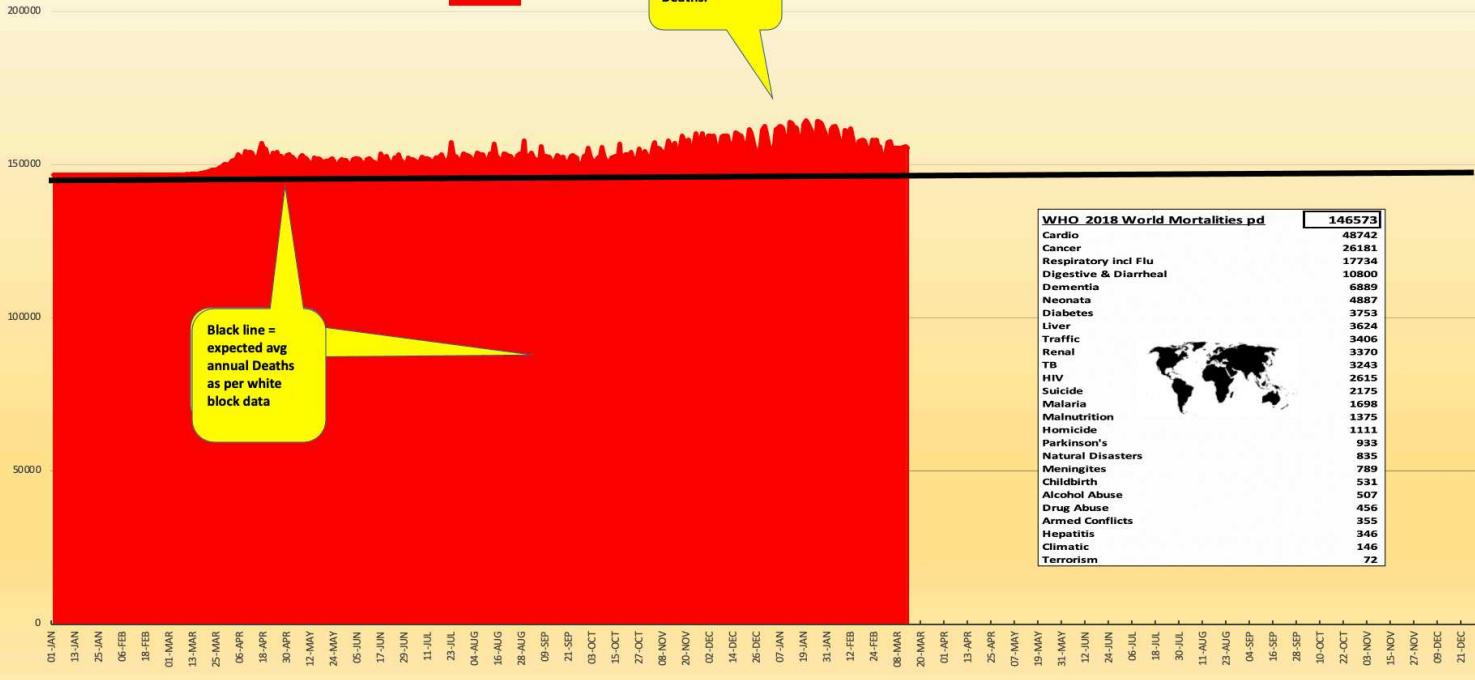
25:00:00

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

Page 3.2

Avg Daily Covid Deaths 2020 to date: **6229**  
 Highest Daily Covid Deaths 2020 to date: **17654**  
 Latest Daily Covid Deaths 2020 to date: **8829**

Red line =  
Reported Covid  
Deaths.



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 are TOTAL Daily Avg Deaths from ALL causes over a full calendar year.

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.

## 2017 Avg DAILY RSA Mortalities v COVID Daily Deaths (Linear Scales)

5000

Avg Daily Covid Deaths since 1st Death 2020 to date: **109**  
 Highest Daily Covid Deaths 2020 to date: **1374**  
 Latest Daily Covid Deaths 2020 to date: **52**

Weekly  
Excess  
Deaths  
at 5 Mch

Red line =  
Reported daily  
Covid Deaths.  
  
Blue line =  
Weekly Excess  
Deaths  
(see Pg 5)

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

Stats-SA 2017 RSA Mortalities per day	1223
Natural Causes	943
Unnatural Causes	140
Cardio	96
Respiratory incl Flu	88
TB	79
Diabetes	69
Cancers	61
HIV	59
Hypertensive	55
Other Viral	46

Data as at:

13 March 2021

Unless otherwise indicated

hdg 14 March 2021

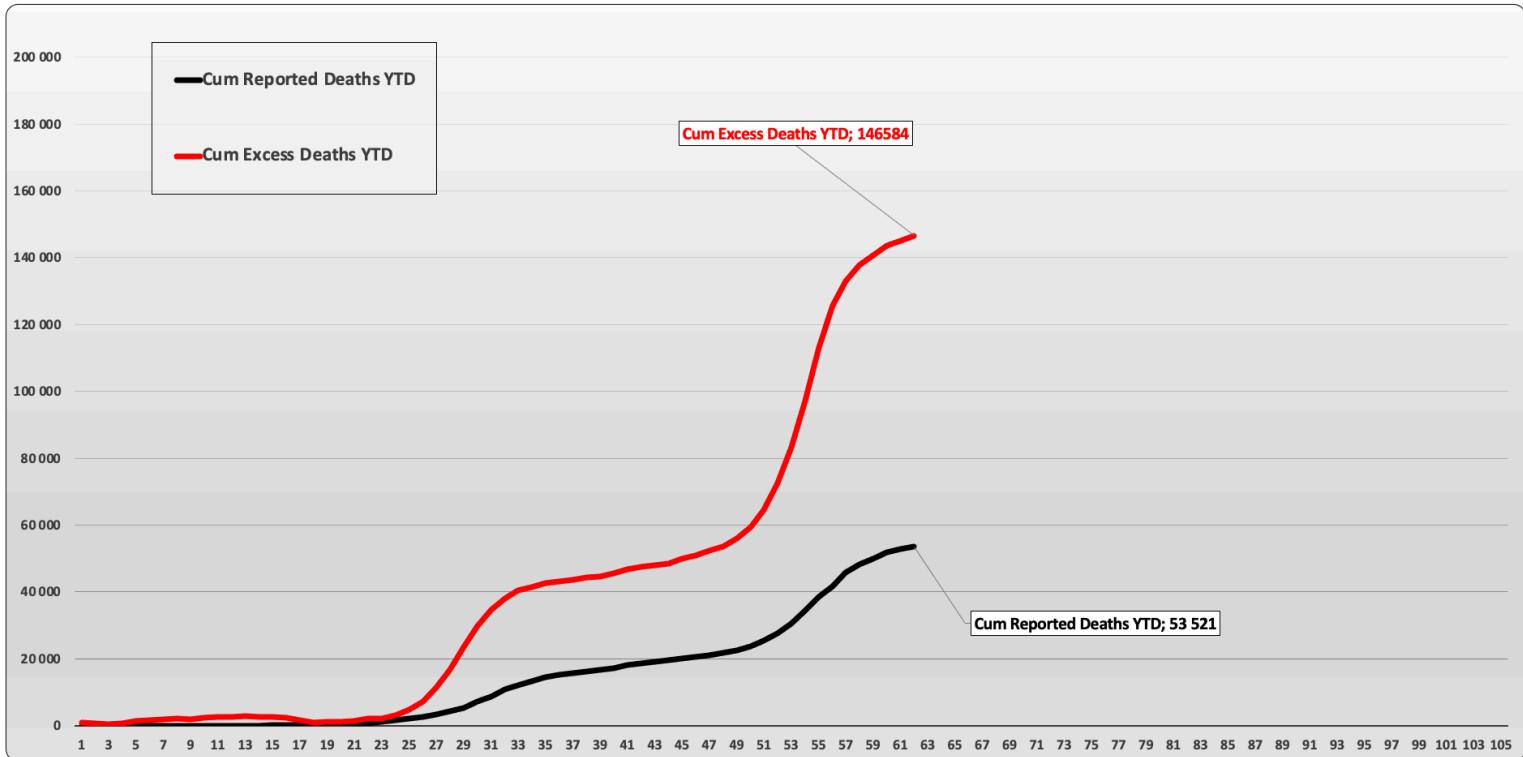
## Covid Deaths: Reported and Excess Deaths

**Cum Totals to date & Projections for end March 2021** (weekly SAMRC data)

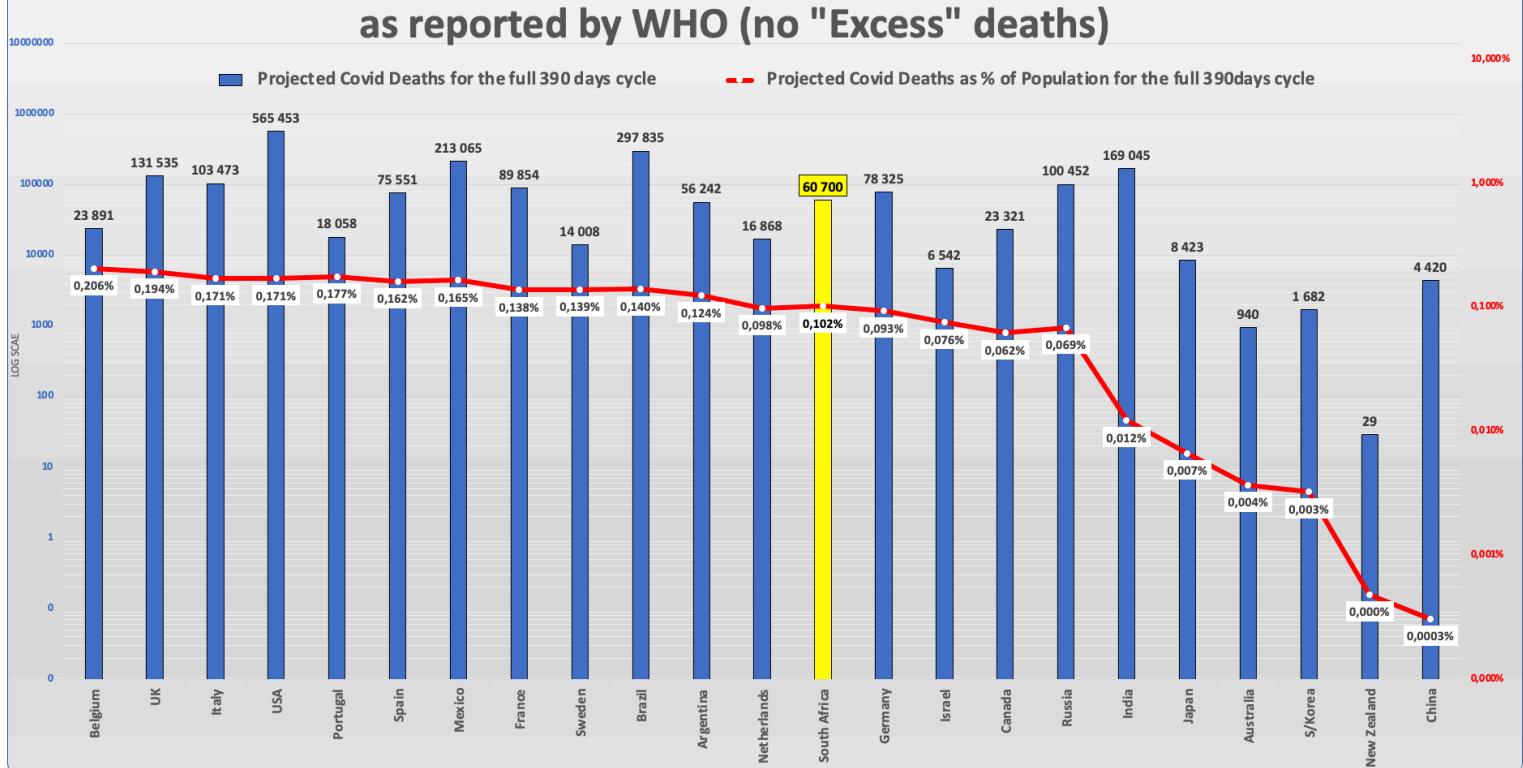
(See Pg 5 for more details on RSA Excess Deaths)

As at Week ended:

**05 March 2021**



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



Data as at: **13 March 2021**

Unless otherwise indicated

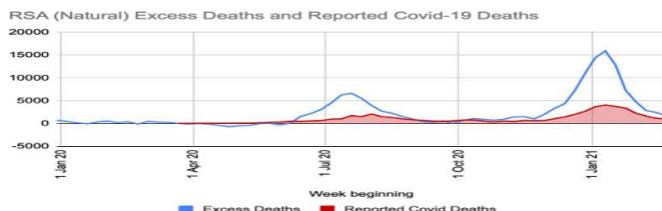
hdg 14 March 2021

## RSA Excess Deaths as per SA Medical Research Council

Data as at:

05 March 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.



### 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 gaps are the socalled "Excess Deaths" which can largely be ascribed to Covid, directly (home/rural deaths) and indirectly (limited access to hospitals due to fear of Covid or no space).

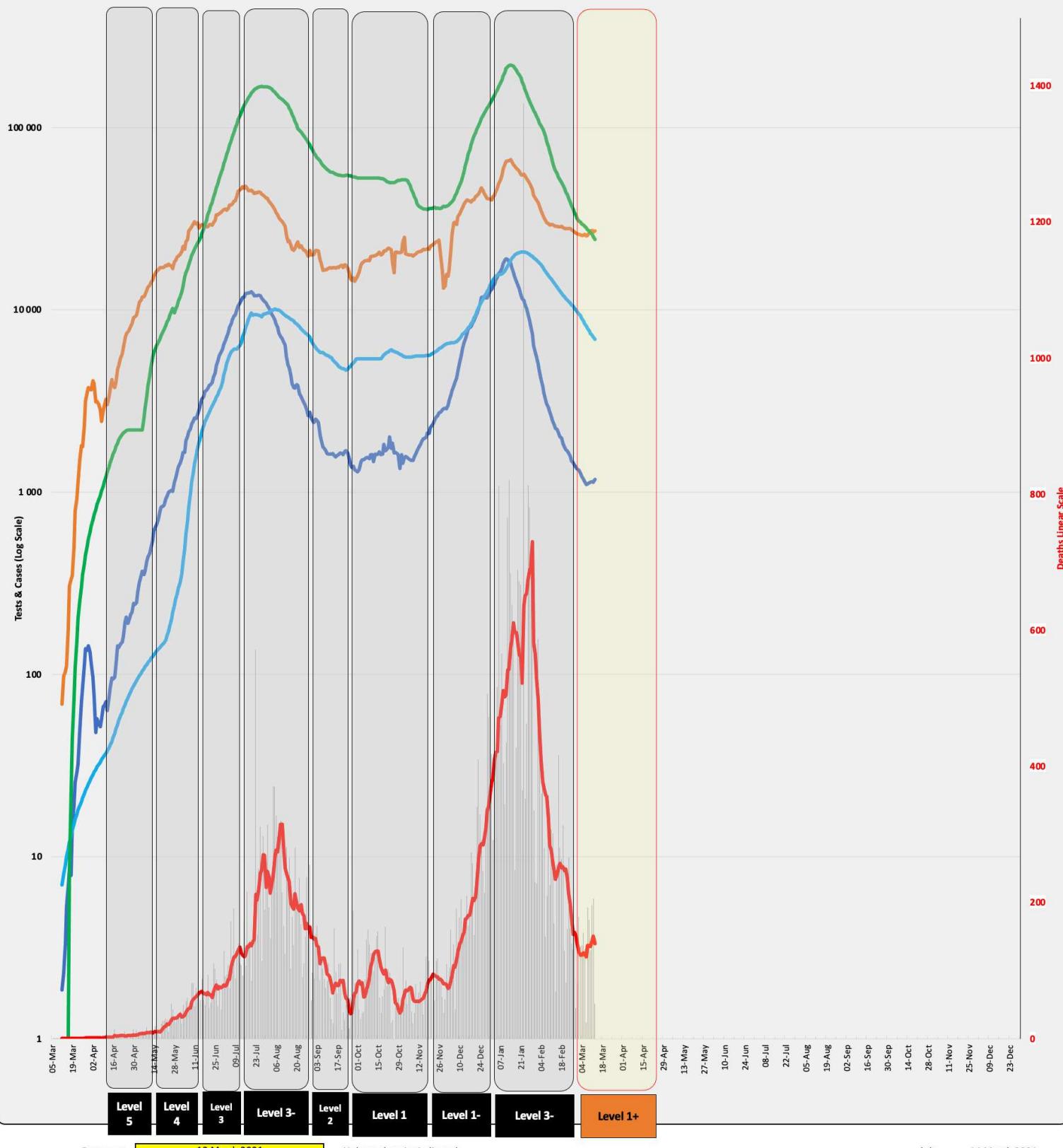
Data as at:

Latest Available

hdg 14 March 2021

## RSA Daily Testing v Daily Cases v Daily Deaths 7 Day MA

Daily Tests    Daily Cases    In Hospital    Active Cases    Daily Deaths



Data as at: 13 March 2021

Unless otherwise indicated

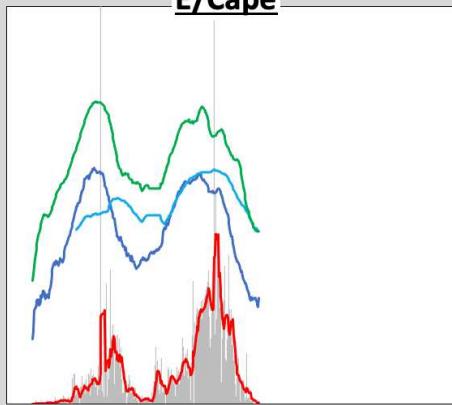
hdg 14 March 2021

## RSA Provinces Daily Cases/Hospitals/Actives/Deaths (7 Day MA)

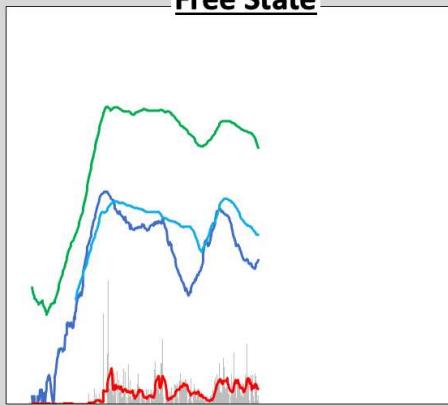
Page 5.2

— Daily Cases — In Hospital — Active Cases — Daily Deaths

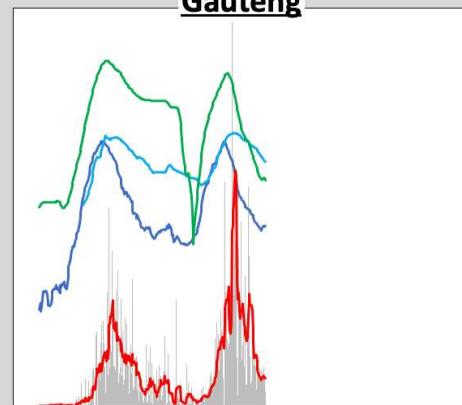
E/Cape



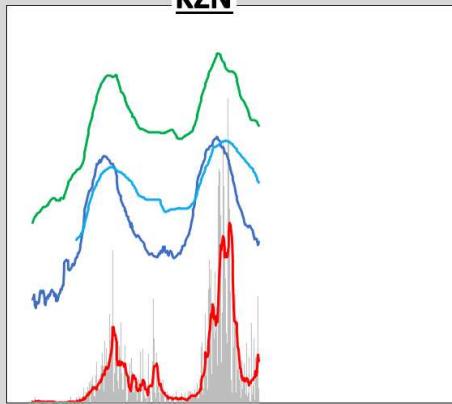
Free State



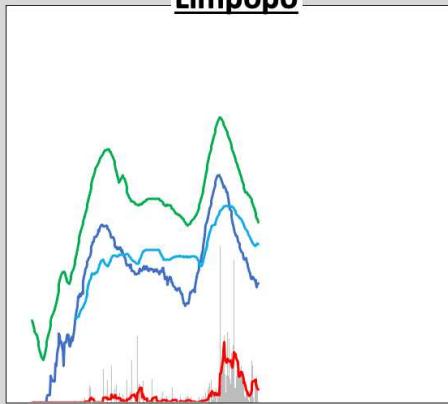
Gauteng



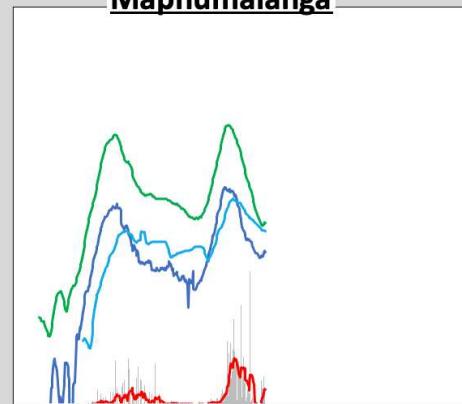
KZN



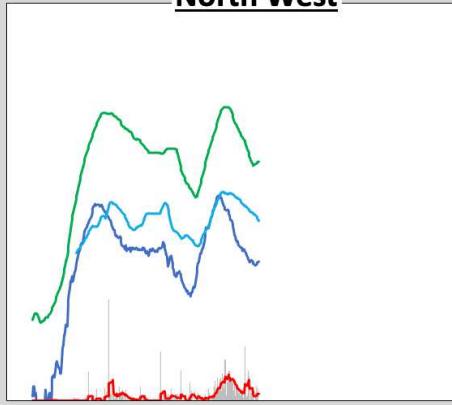
Limpopo



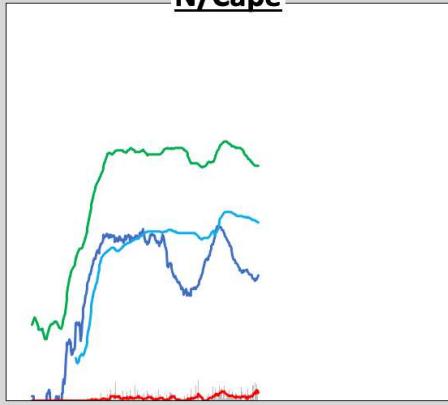
Maphumalanga



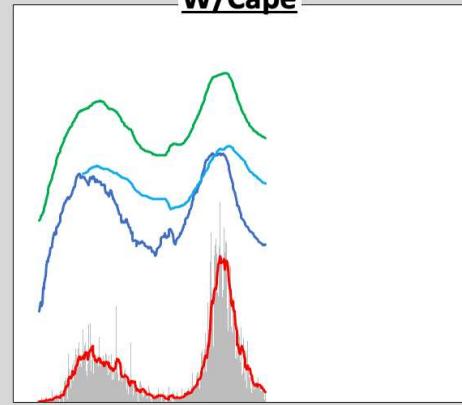
North West



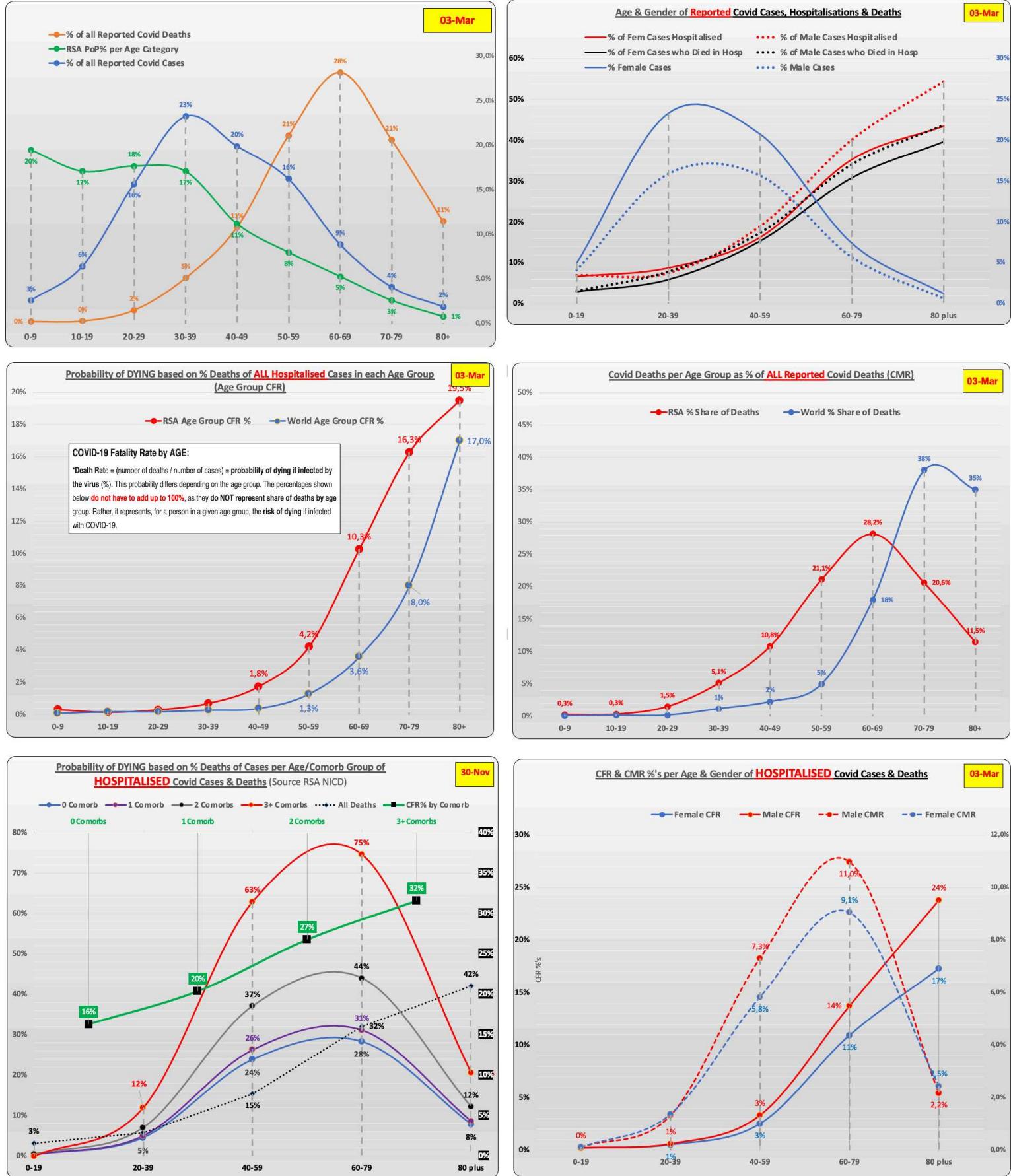
N/Cape



W/Cape



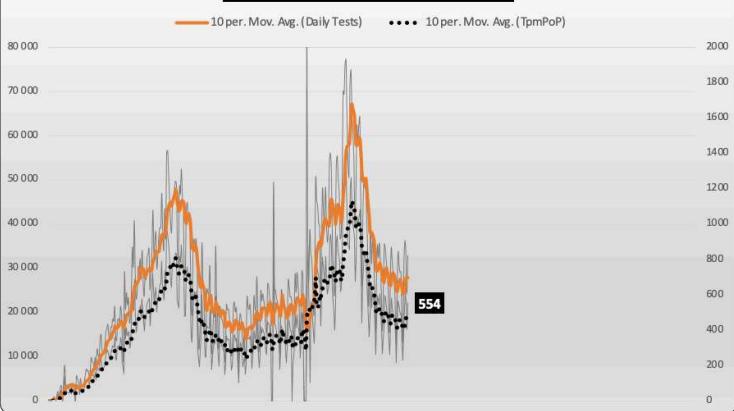
## RSA Age & Gender Stats



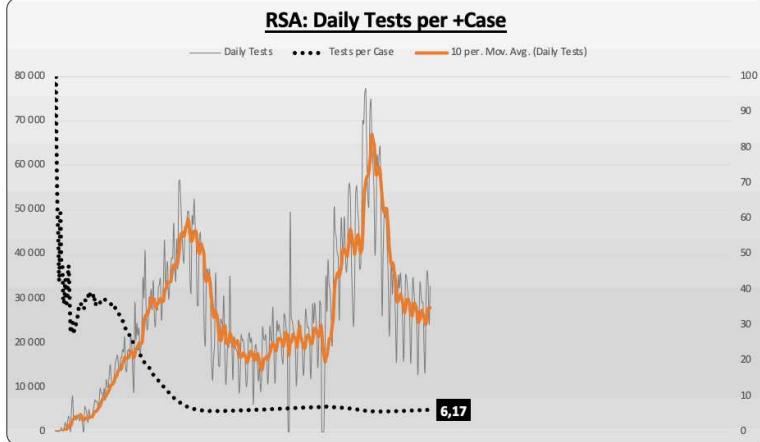
Data as at: As indicated per graph

hdg 14 March 2021

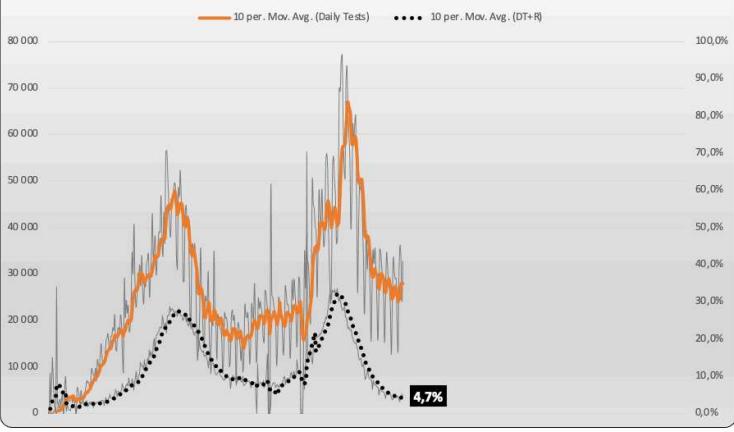
### RSA: Daily Tests per million PoP



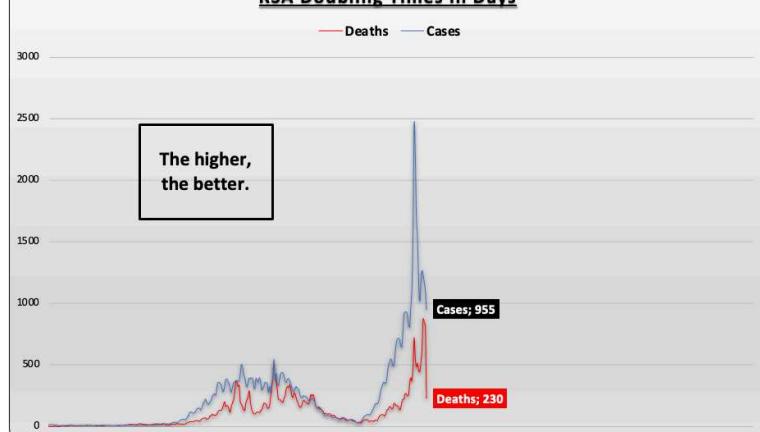
### RSA: Daily Tests per +Case



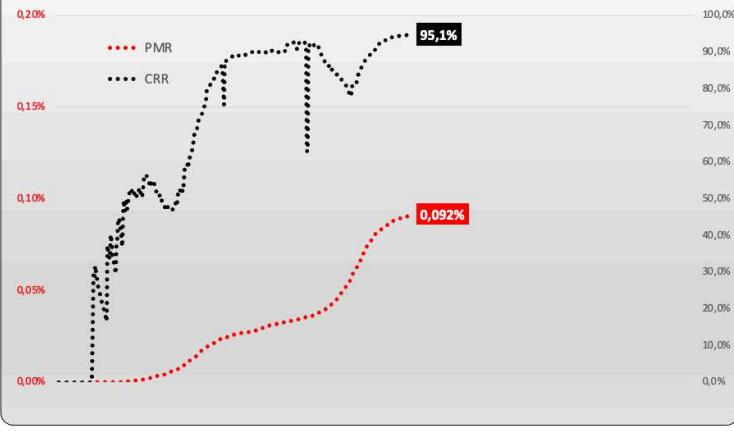
### RSA: Daily Tests Positivity %



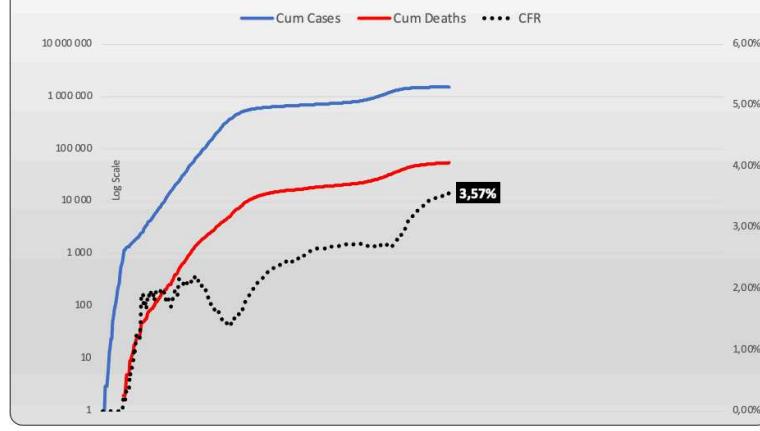
### RSA Doubling Times in Days



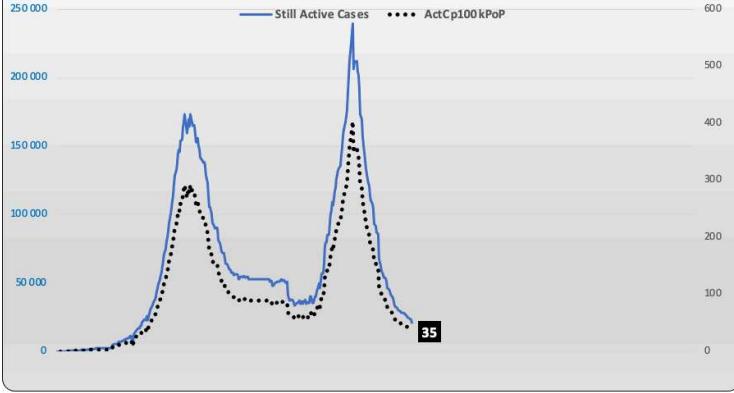
### RSA: Case Recovery Rate (CRR) & PoP Mortality Rate (PMR)



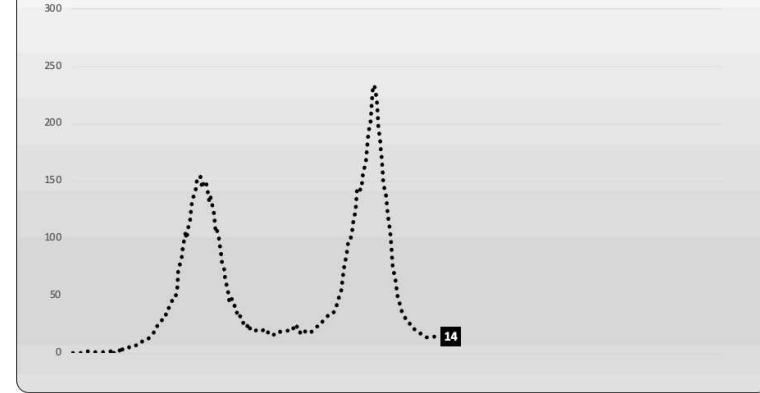
### RSA: Deaths as % of Cases (CFR)



### RSA: Active Cases per 100k PoP



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



# RSA & Provinces Key Data Sets

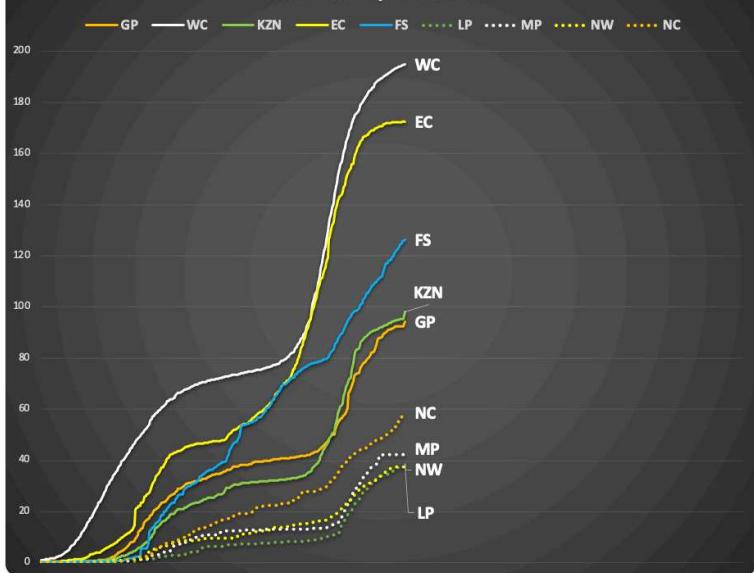
Page 5.5

All linear scales

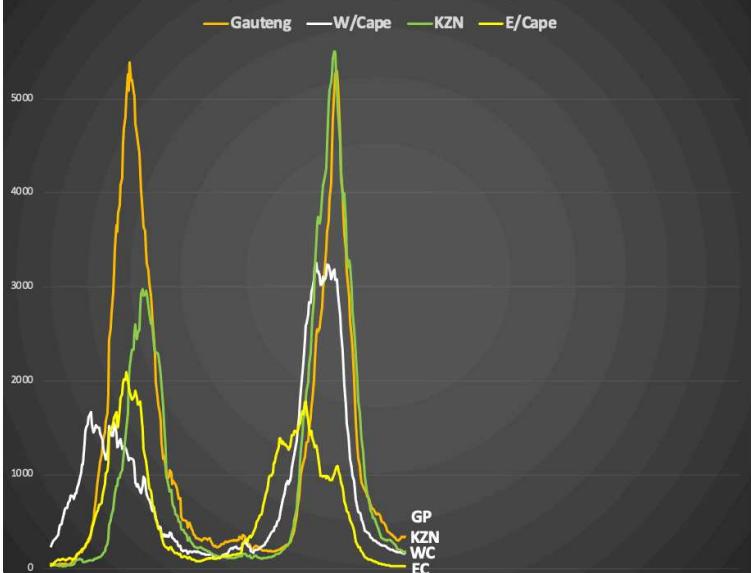
Cum Cases per 100k PoP



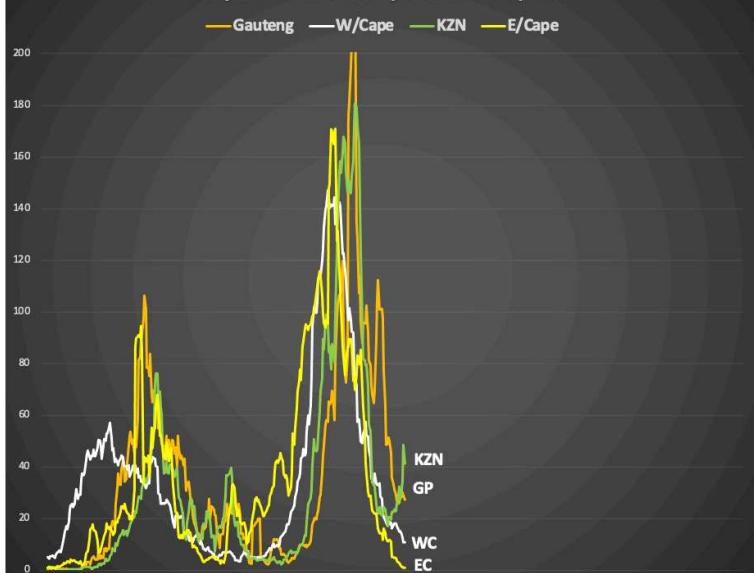
Cum Deaths per 100k PoP



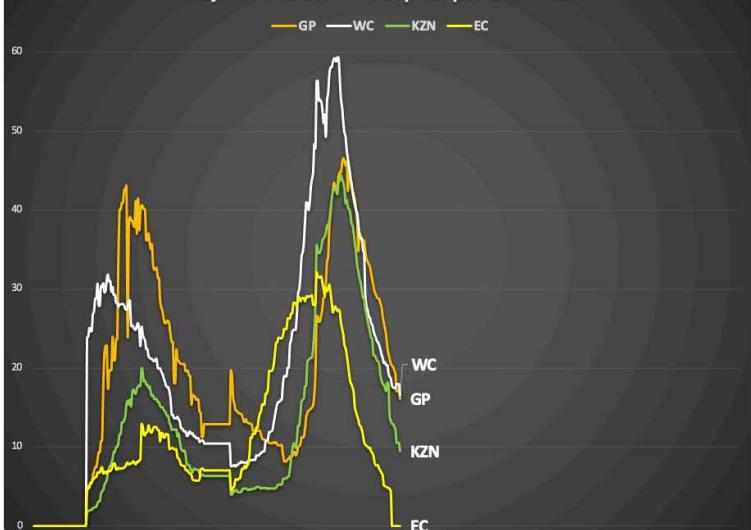
Major Provinces Daily Cases 7 Day MA



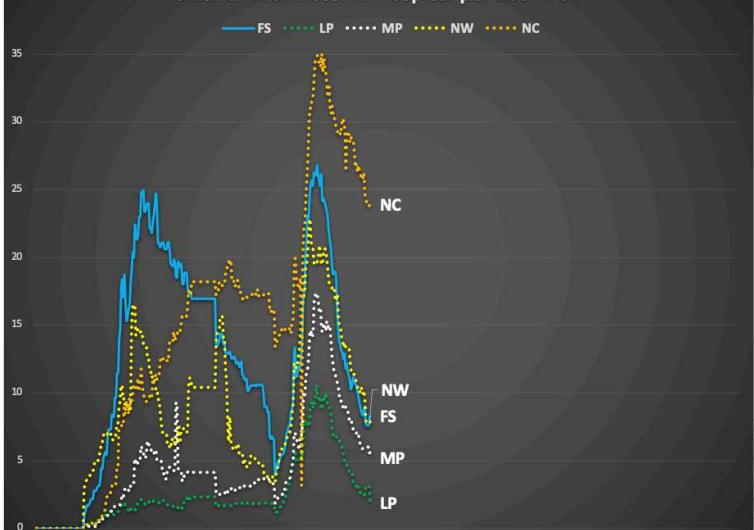
Major Provinces Daily Deaths 7 Day MA

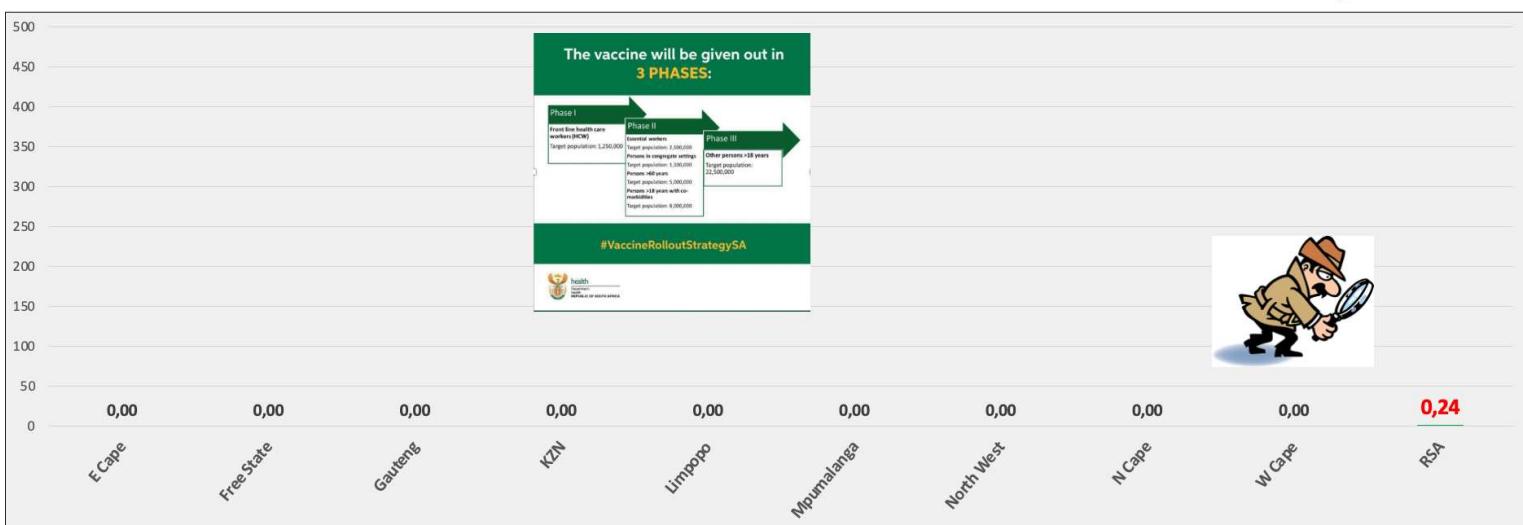


Major Provinces: In Hospital per 100k PoP



Smaller Provinces: In Hospital per 100k PoP



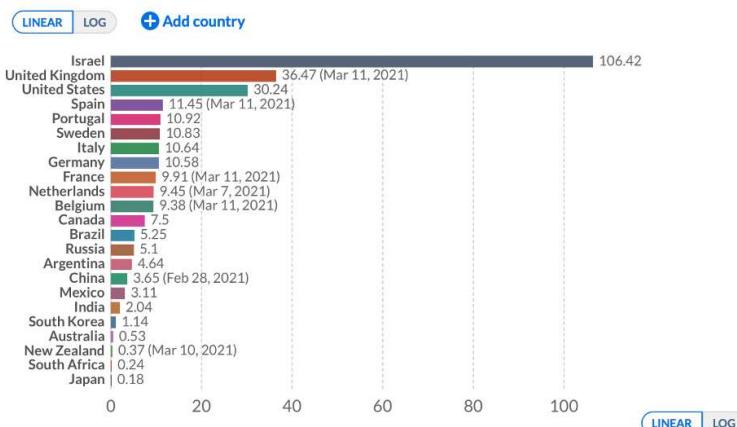


### Selected countries who publish their VAC data :

COVID-19 vaccine doses administered per 100 people, Mar 12, 2021

Our World in Data

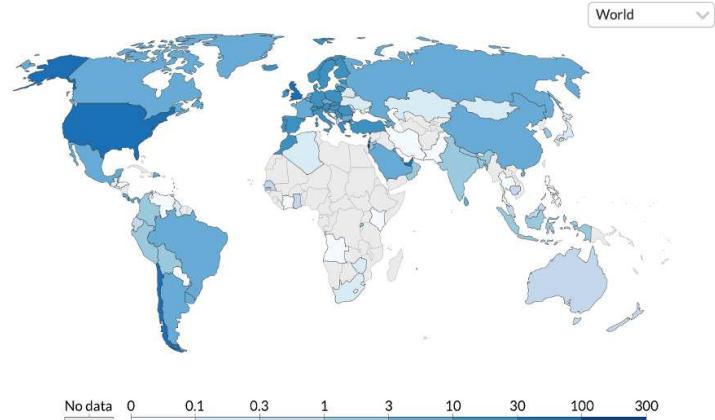
Total number of vaccination doses administered per 100 people in the total population. This is counted as a single dose, and may not equal the total number of people vaccinated, depending on the specific dose regime (e.g. people receive multiple doses).



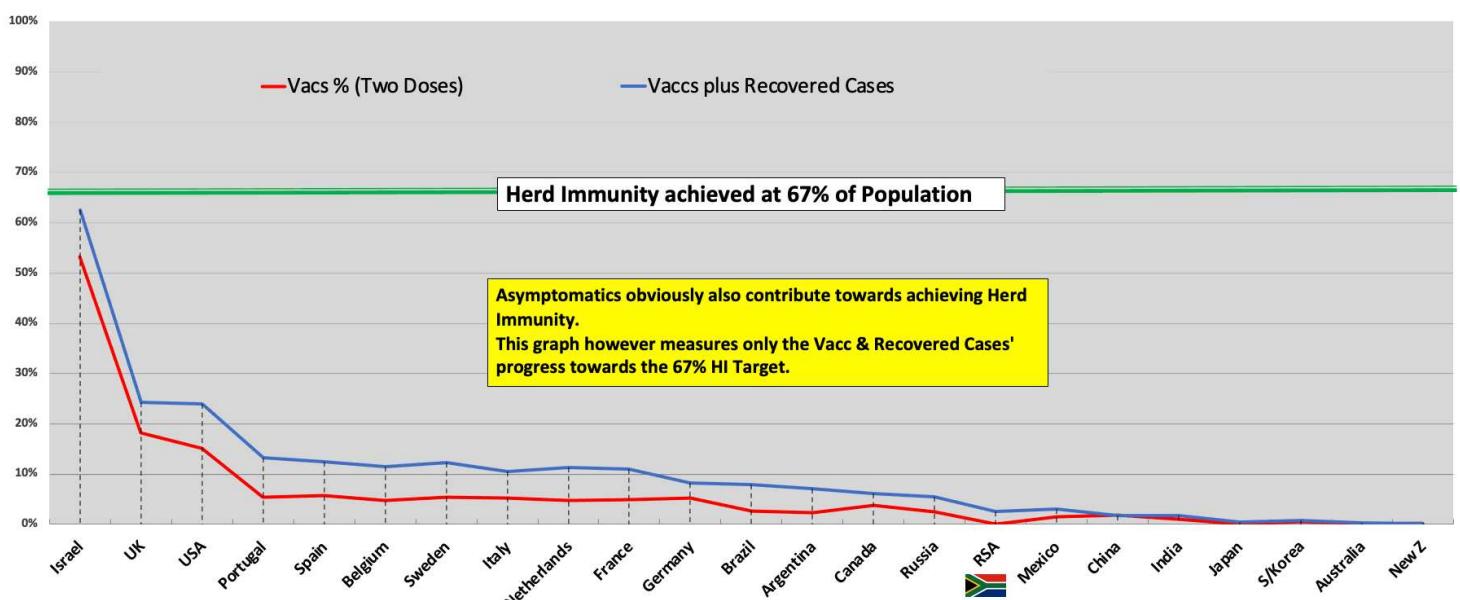
COVID-19 vaccine doses administered per 100 people, Mar 12, 2021

Our World in Data

Total number of vaccination doses administered per 100 people in the total population. This is counted as a single dose, and may not equal the total number of people vaccinated, depending on the specific dose regime (e.g. people receive multiple doses).



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



Laughter is the best vaccine....



## MADAM & EVE

by Stephen Francis & Rico



**MATT**



*Your husband saw the needle and refused a jab.  
He's been shot for cowardice'*

**MATT**



*'You've landed on one of my quarantine hotels. You have to stay there for ten days'*