

# HarryG COVID-19 Dashboard

Page 1

Cum Cases		Daily Cases	
1 581 210	1 674	▲	
Still Active +Cases	Cum Cases p mill PoP	Cum Deaths p mill PoP	
21 240 ▲	26 407	985	
Deaths Avg	Ages Median	Deaths Min Age	Deaths Max Age
62,3	57,8	0,2	105

## RSA COVID-19 DASHBOARD

30 April 2021

Cum Deaths Daily

58 967

75

Cases Deaths CFR Hospitalised

Female : 57,8% 52,2% 3,12% 55,8%

Male : 42,2% 47,8% 3,92% 44,2%

27-Apr

Daily Still in Hospitals % of Reported Cum Cases who Died (CFR)

4739

▲ 3,73% ▶

% of RSA PoP who have died to date:

Reported Incl Excess

0,098% 0,149%

## Cum Recoveries:

1 505 620

95,2% ▶

## Vaccinations:

Total Yesterday Avg

317 656

▲ 10 065

4 813

% of RSA PoP 2 dose Vaccs & % Vacs + Recovered

0,25%

2,79%

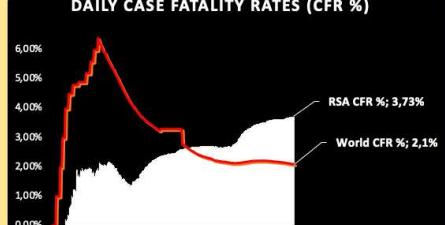
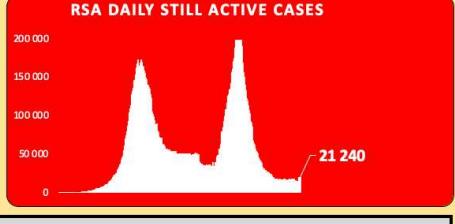
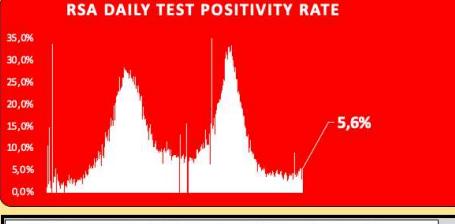
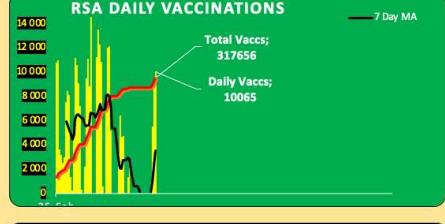
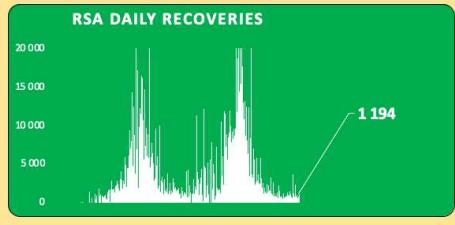
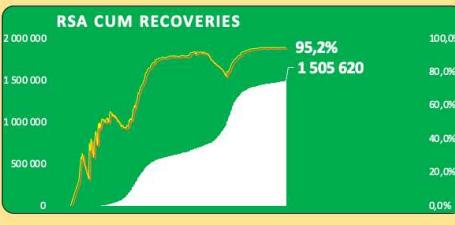
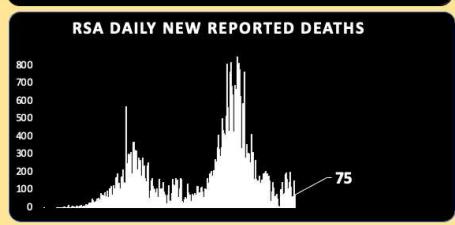
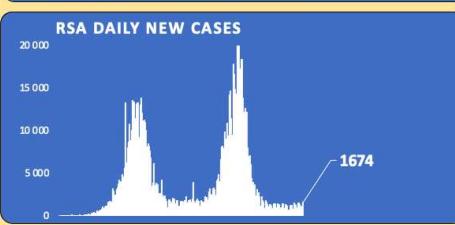
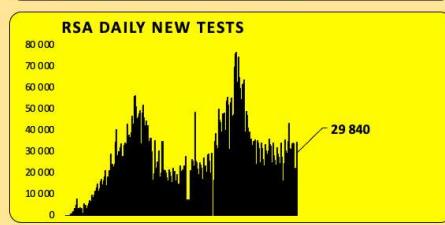
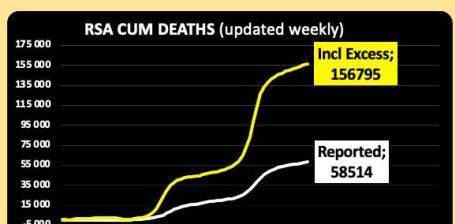
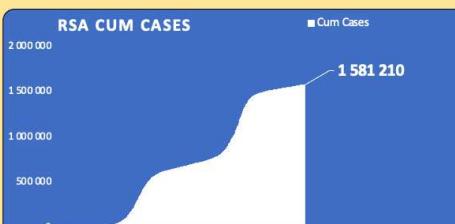
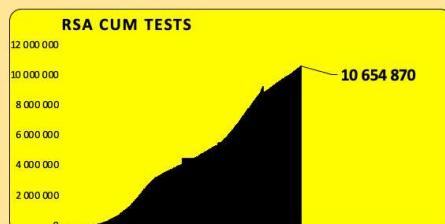
Cum Tests Daily Tests

10 654 870

29 840

Daily Test Positivity Rate:

5,6%



## RSA Rt #

Four days ago :

Three days ago :

Two days ago :

Yesterday :

Today :

1.09

1.07

1.05

1.05

1.05

1.03

An R<sub>0</sub> below 1 suggests that the number of cases is shrinking, possibly allowing societies to open back up. An R<sub>0</sub> above 1 indicates that the number of cases is growing, perhaps necessitating renewed lockdowns or other measures.



Data as at: 30 April 2021

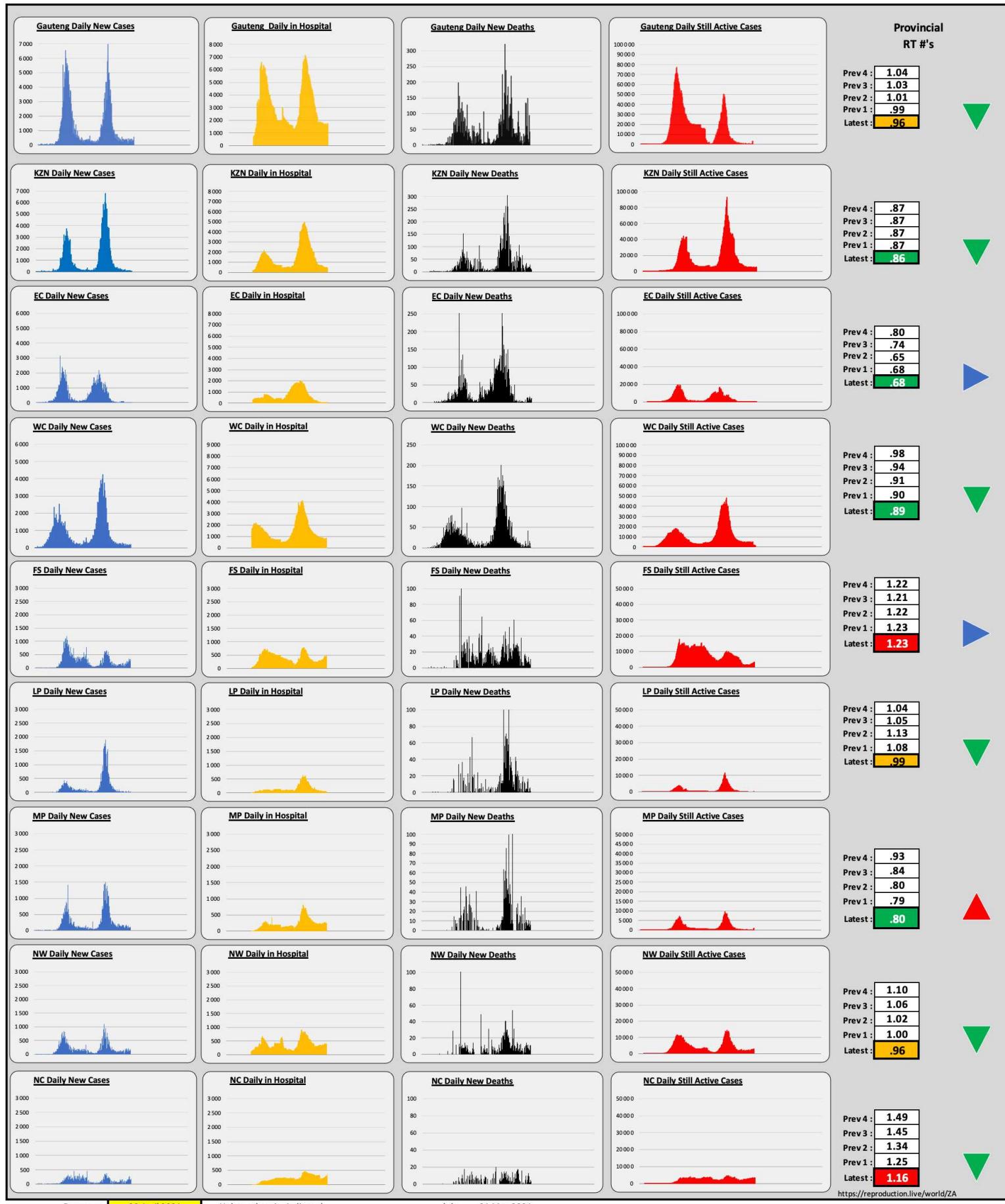
Unless otherwise indicated

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01 May 2021

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

Page 1.1



Data as at: 30 April 2021

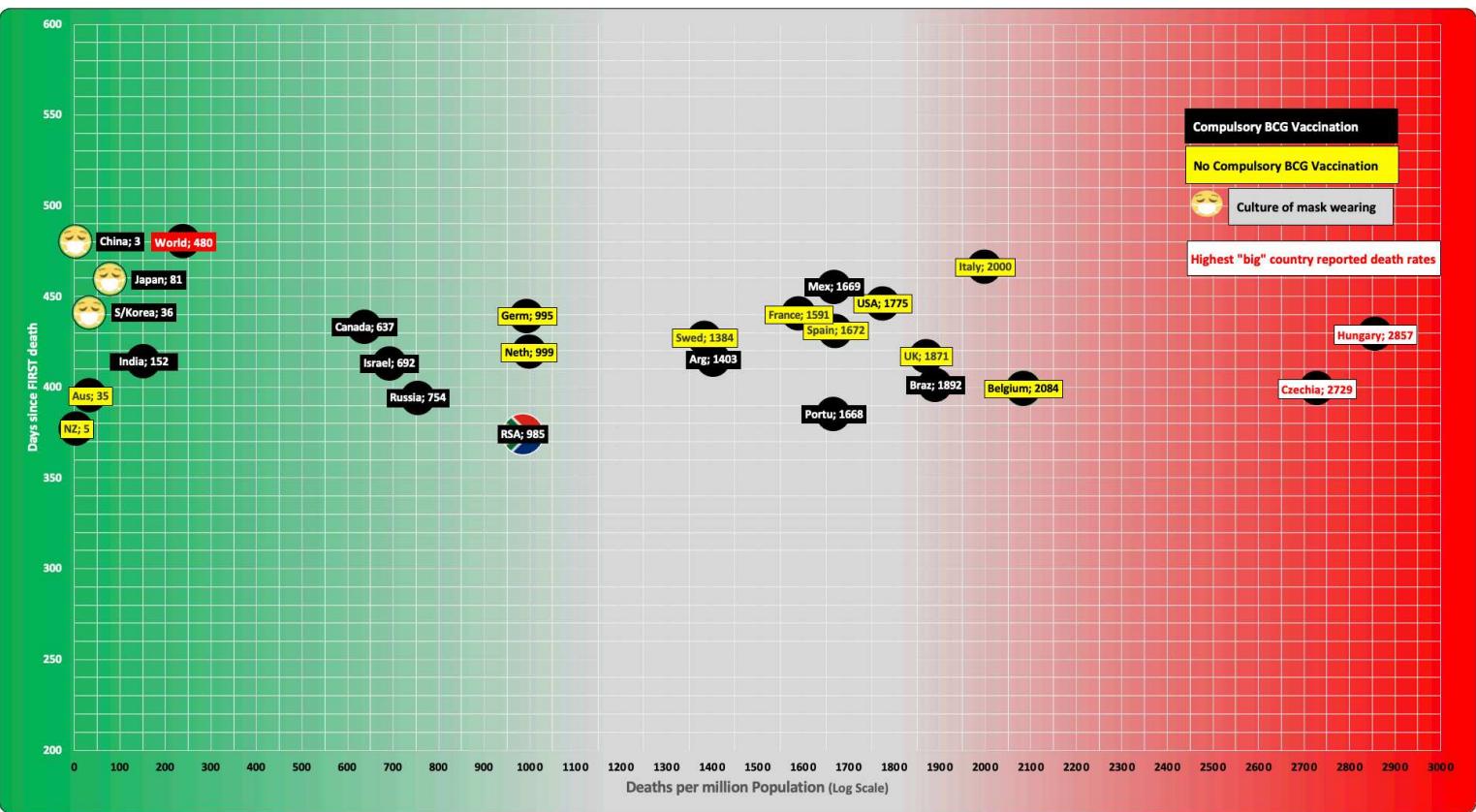
Unless otherwise indicated

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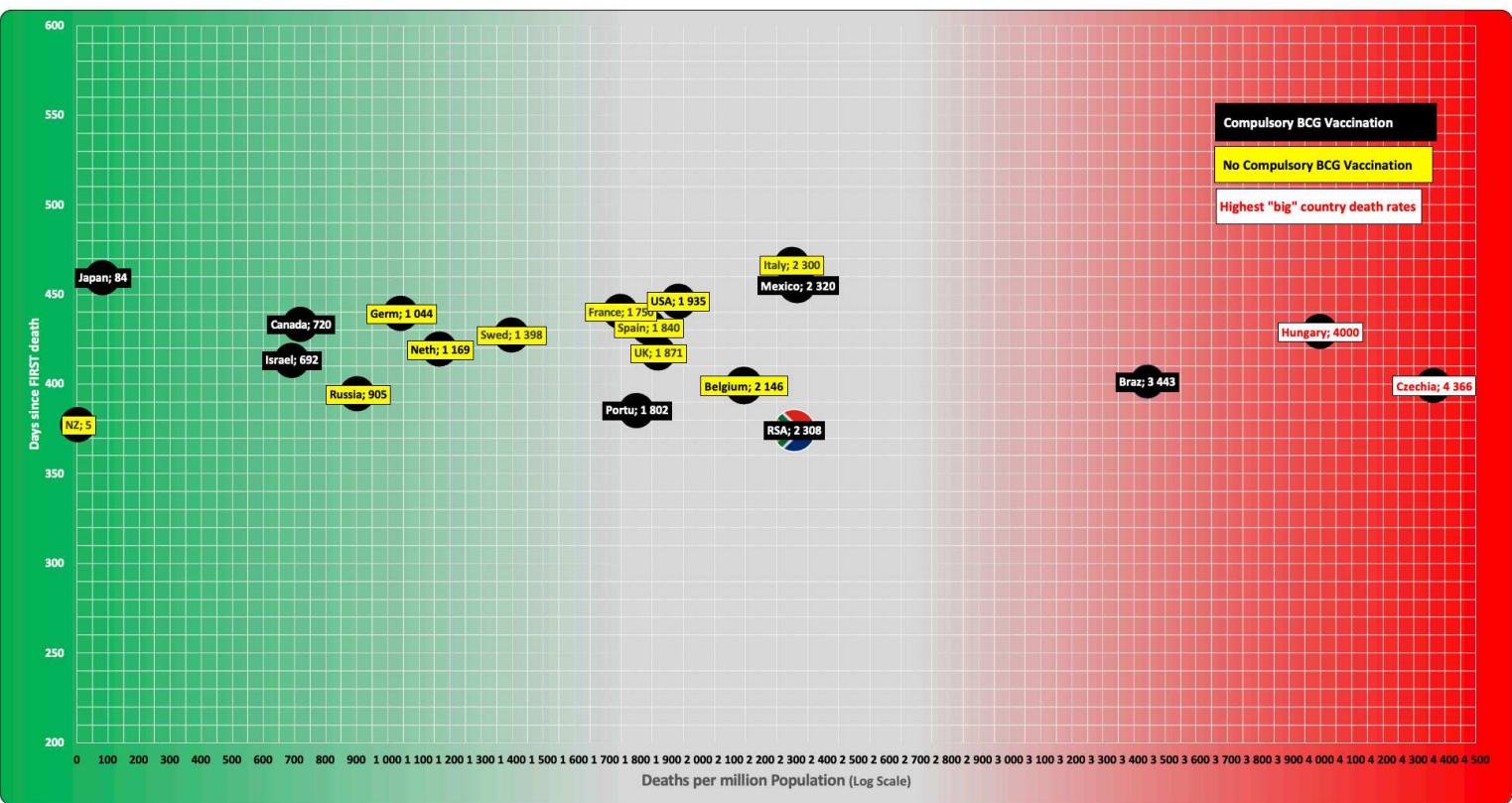
<https://reproduction.live/world/ZA>

## Selected Countries' Reported Deaths per mill PoP

Page 2

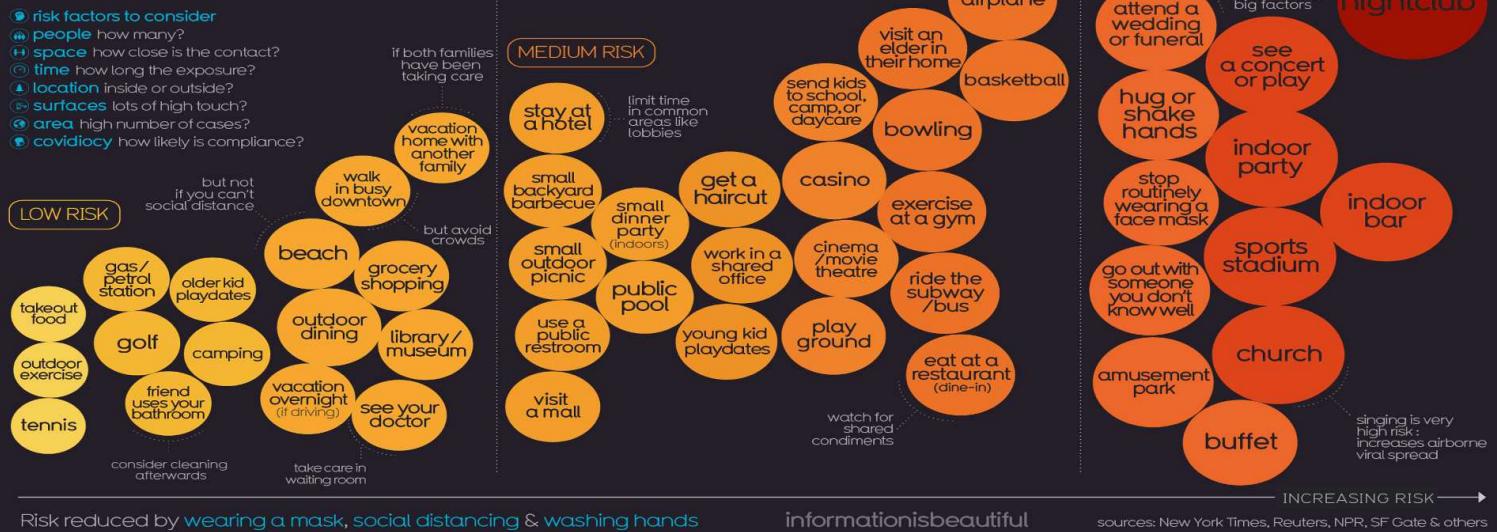


## Selected Countries' Deaths incl Excess Deaths per mill PoP (where data available)



## Coronavirus Riskiest Activities

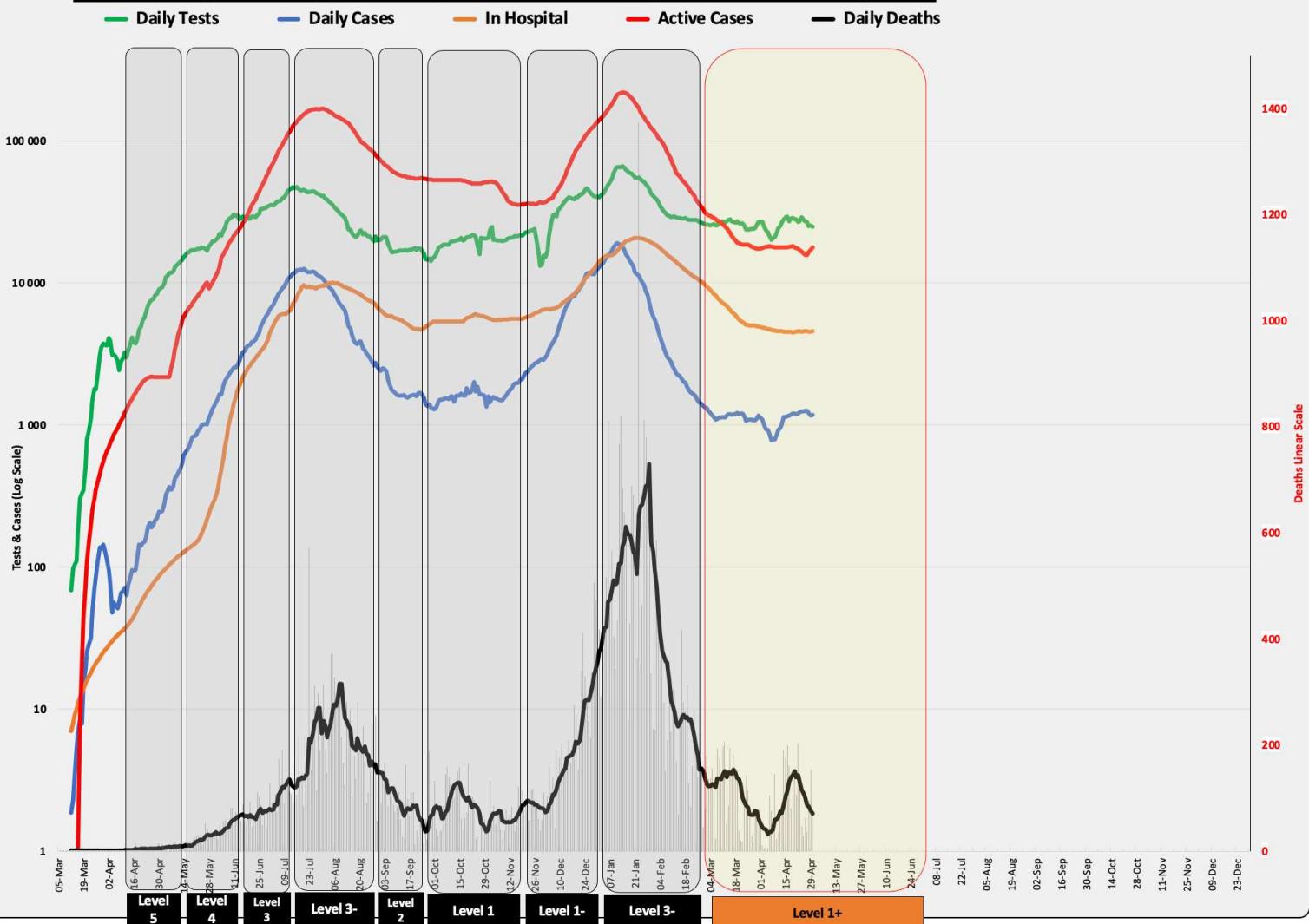
According to 500+ epidemiologists & health professionals



informationisbeautiful

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

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



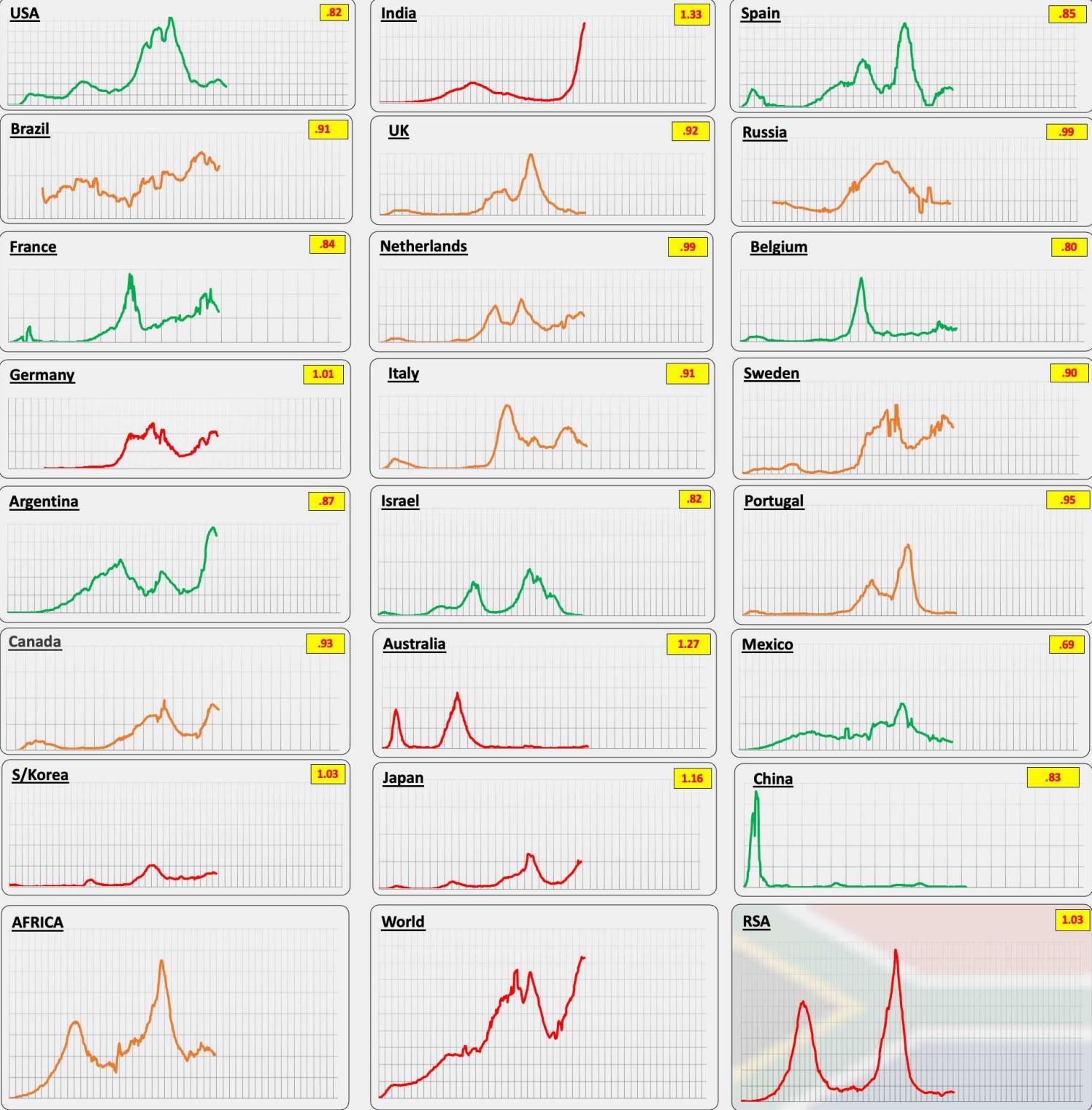
Data as at: 30 April 2021

Unless otherwise indicated

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## 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 



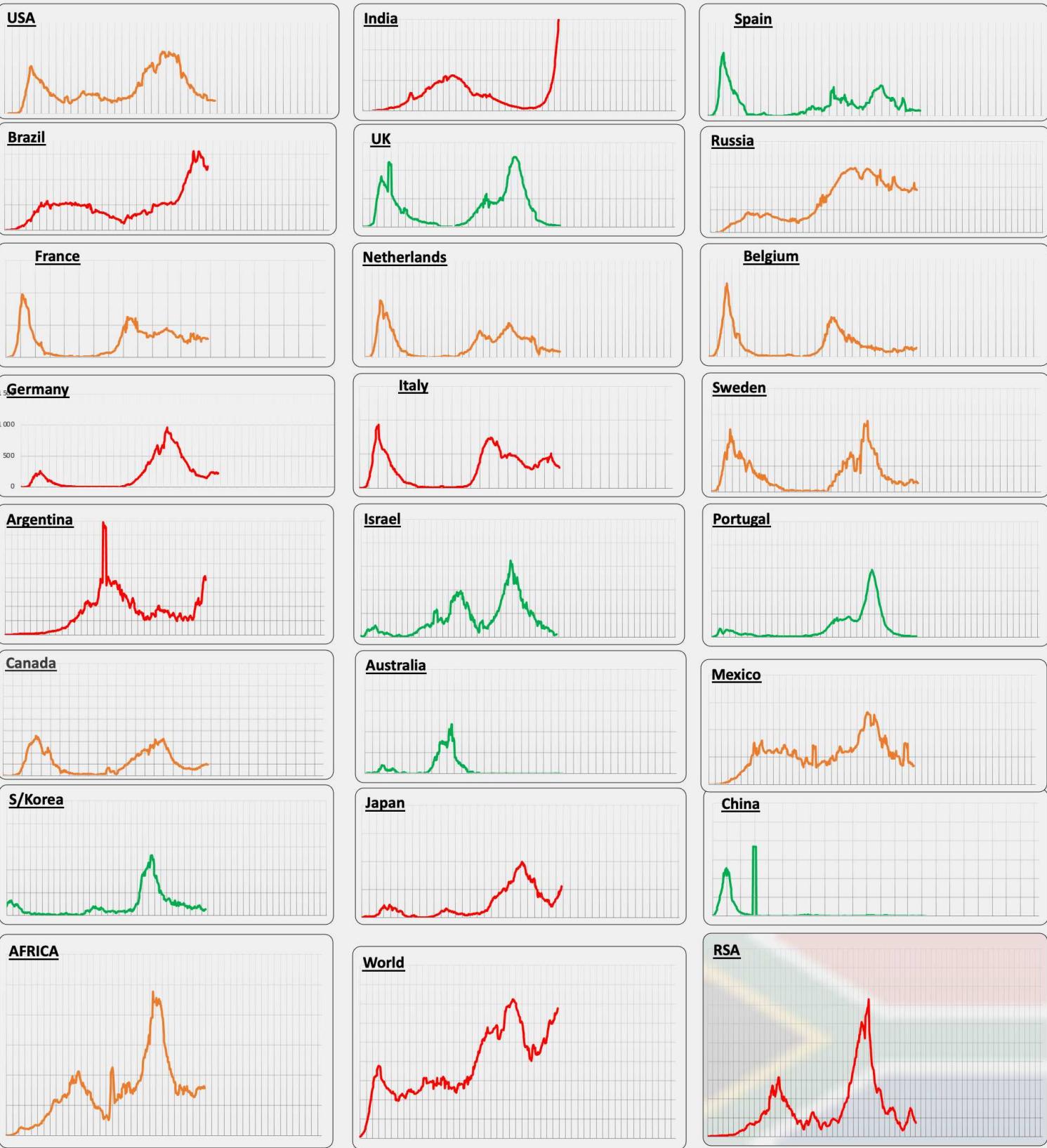
## World Daily Reported Deaths 7 Day MA

7 Day MA Rising

7 Day MA Declining but still high

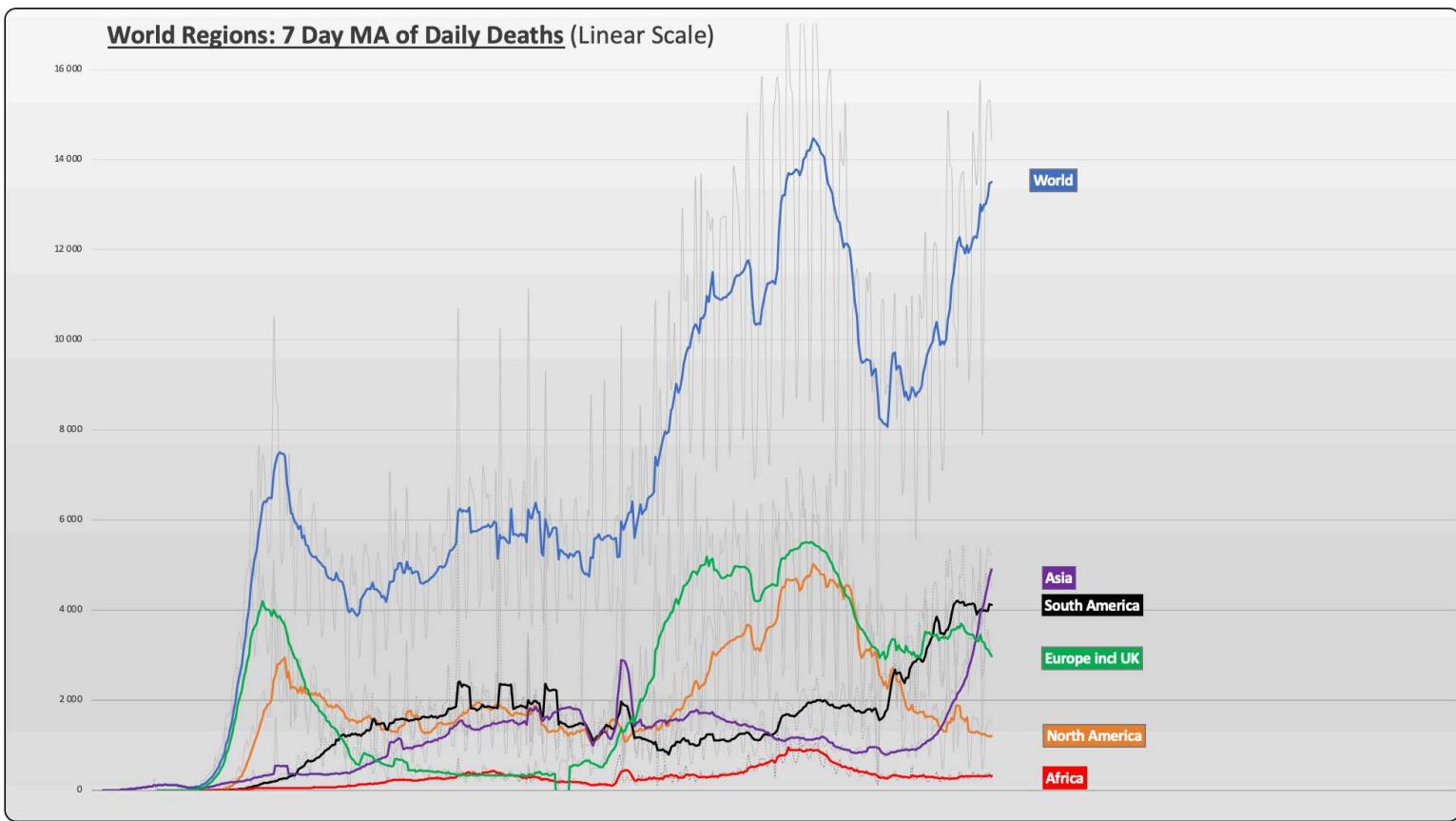
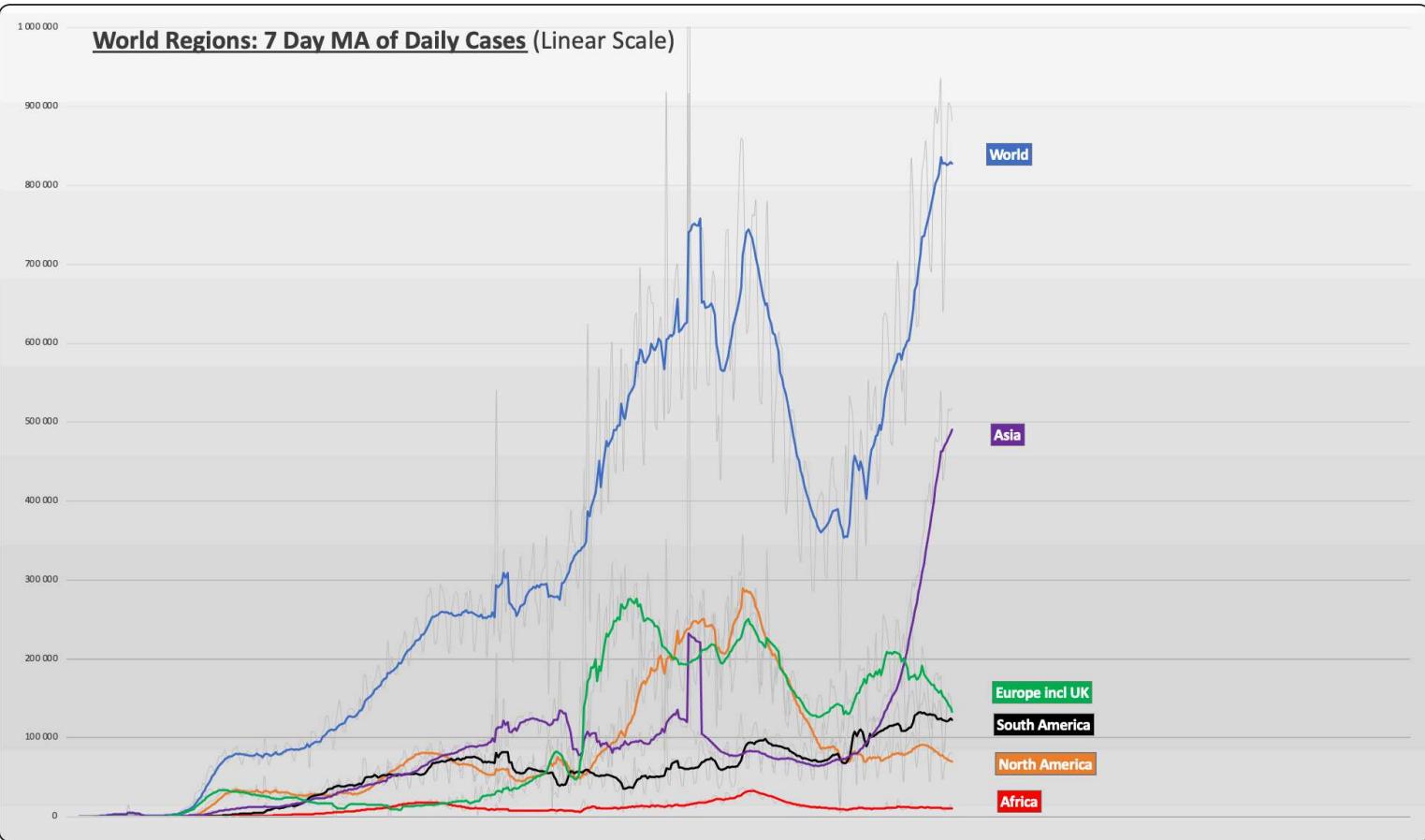
7 Day MA Low and stable

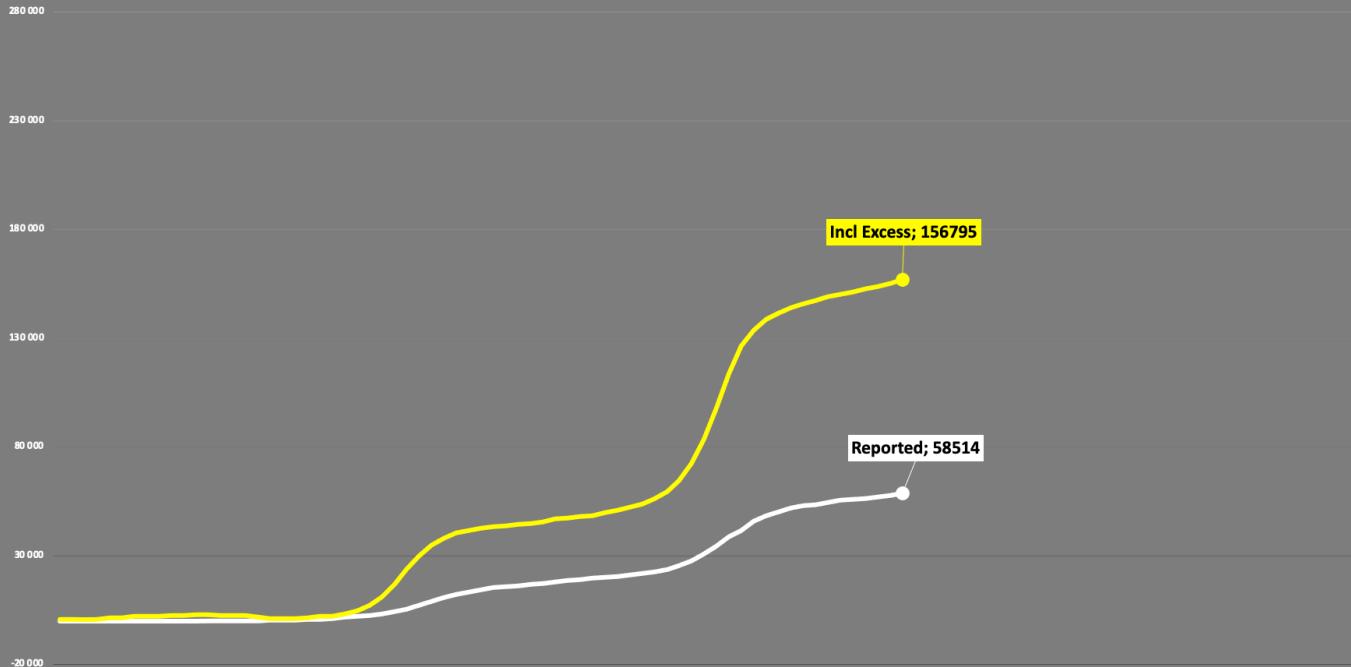
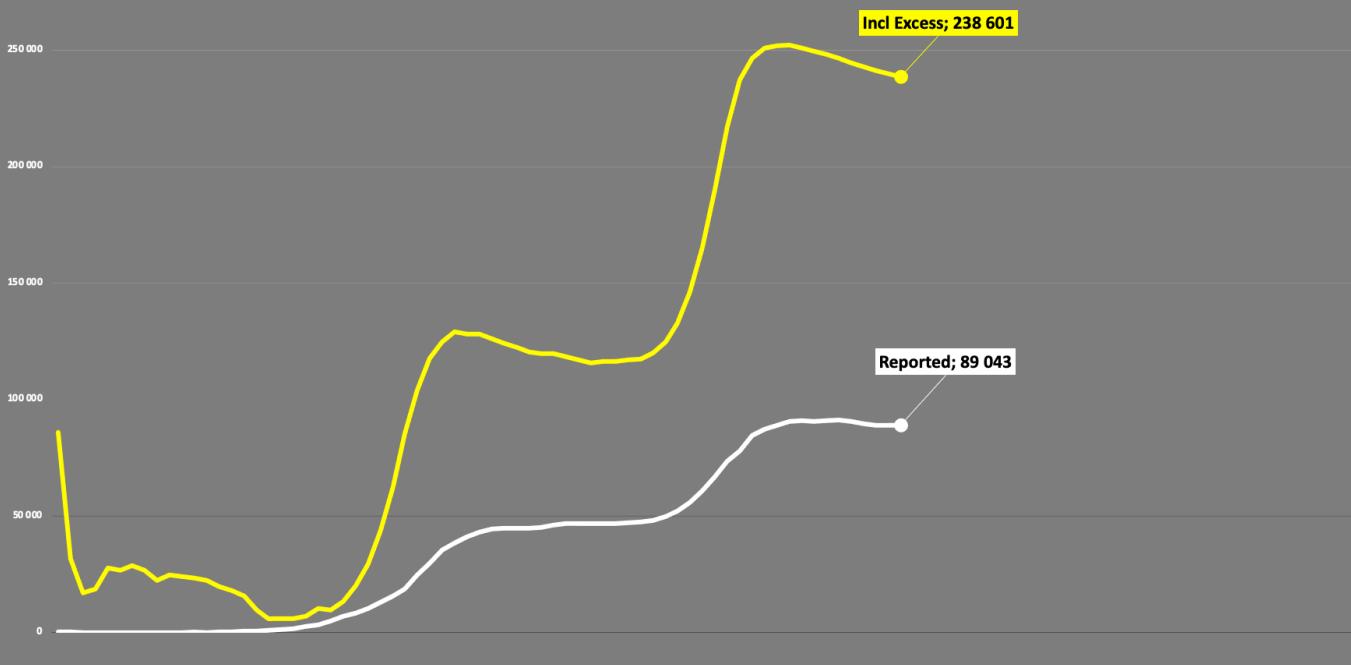
**Page 2.3**

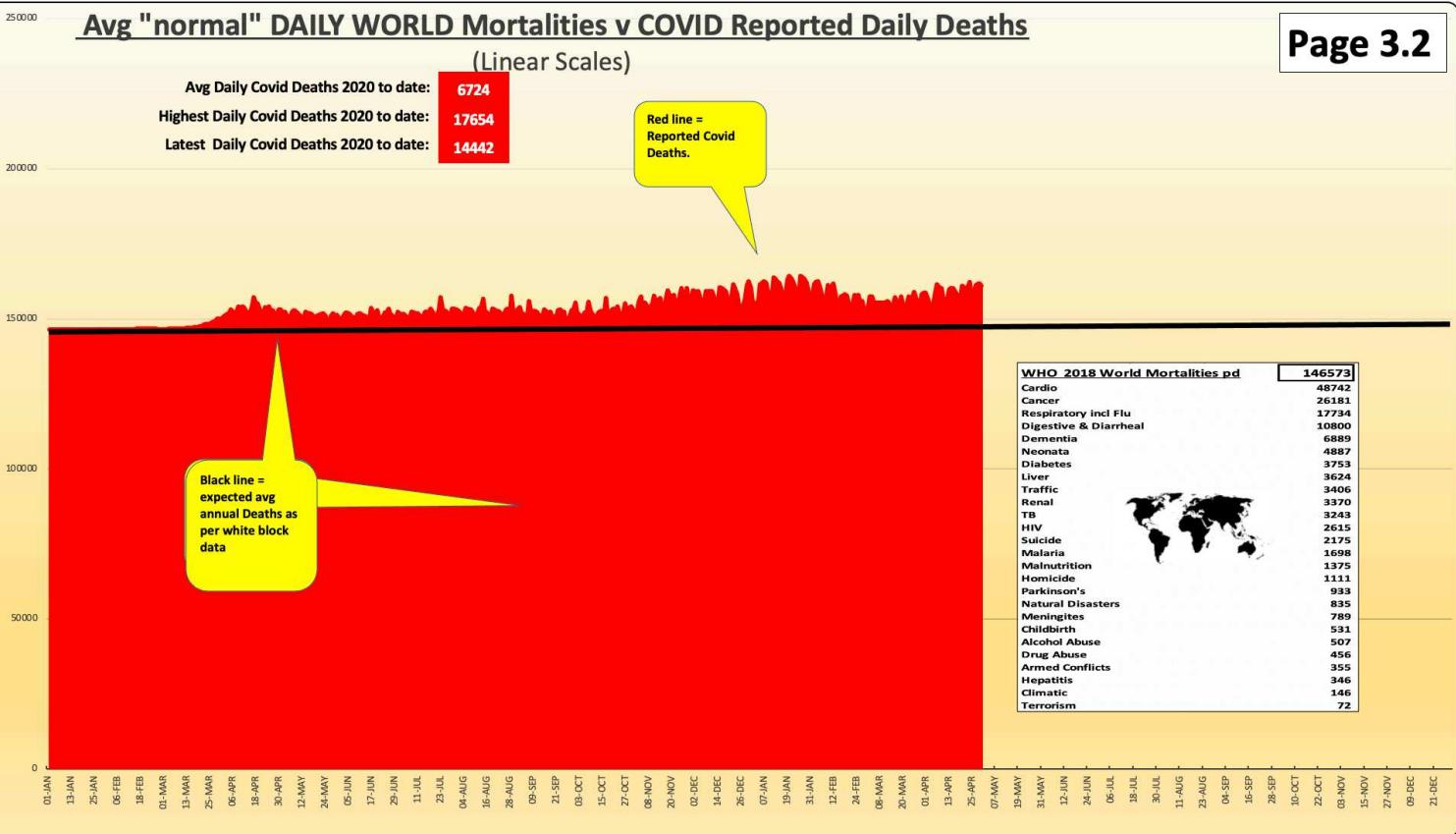


## **7 Day Moving Average of Daily Reported Deaths & Cases by World Region**

**Page 3.0**



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

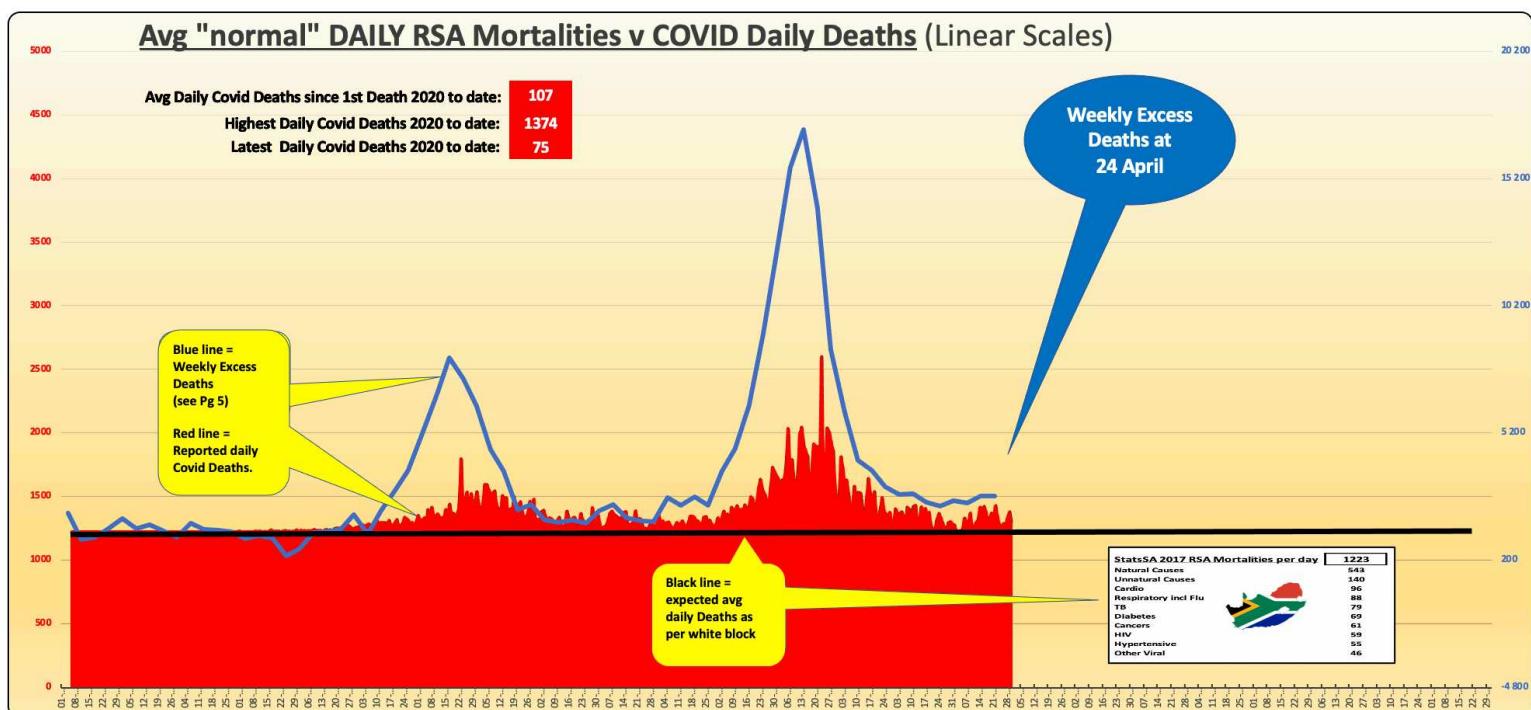


The two graphs WORLD (above) and RSA (below) attempt to put the number of Covid Deaths into some sort of perspective graphically.

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

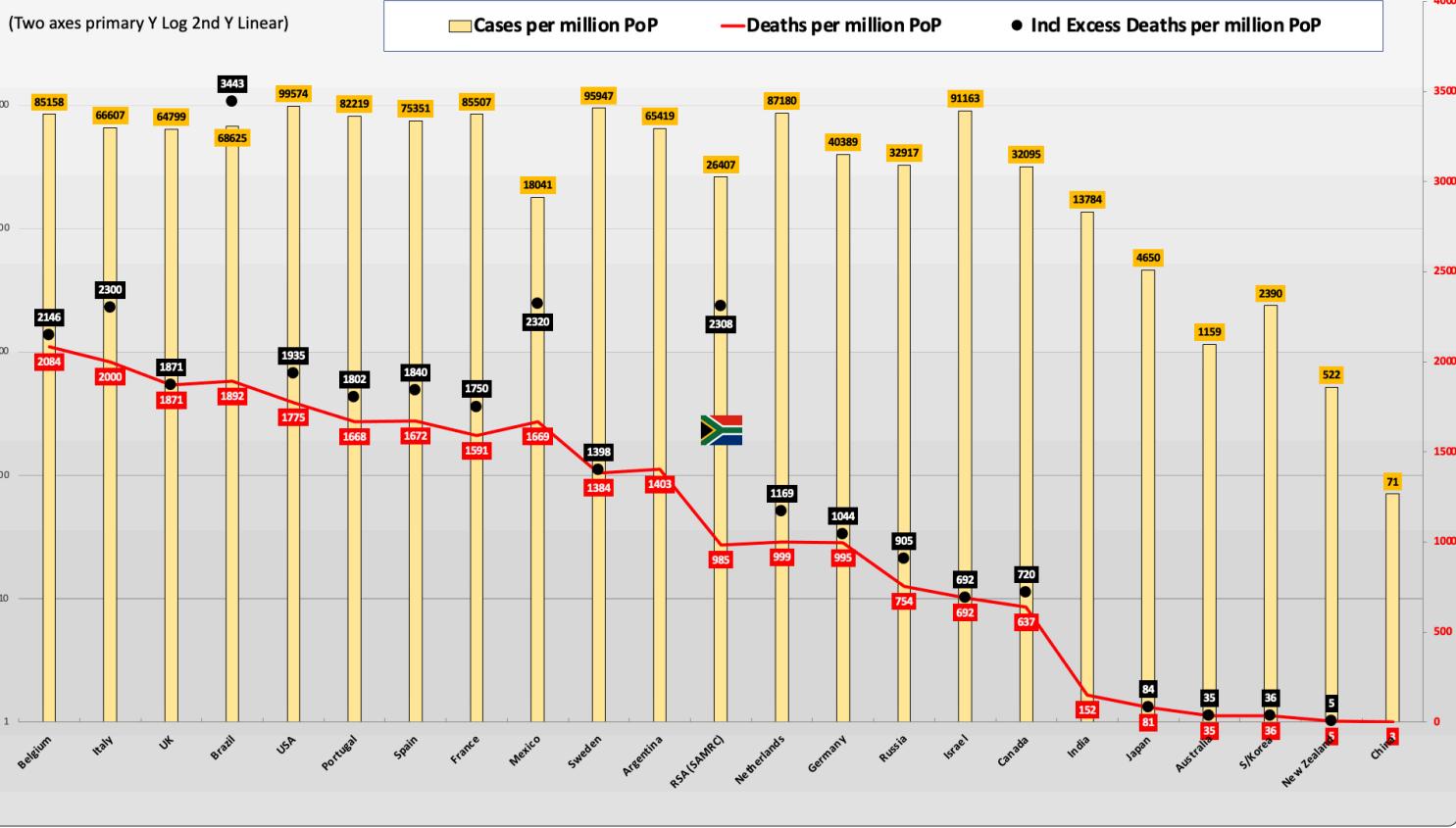
The RED area/lines on top of the red blocks are the INCREMENTAL Actual Daily Deaths due to Covid as officially reported.

The BLUE line in the bottom RSA graph shows the SAMRC Excess Deaths weekly numbers.

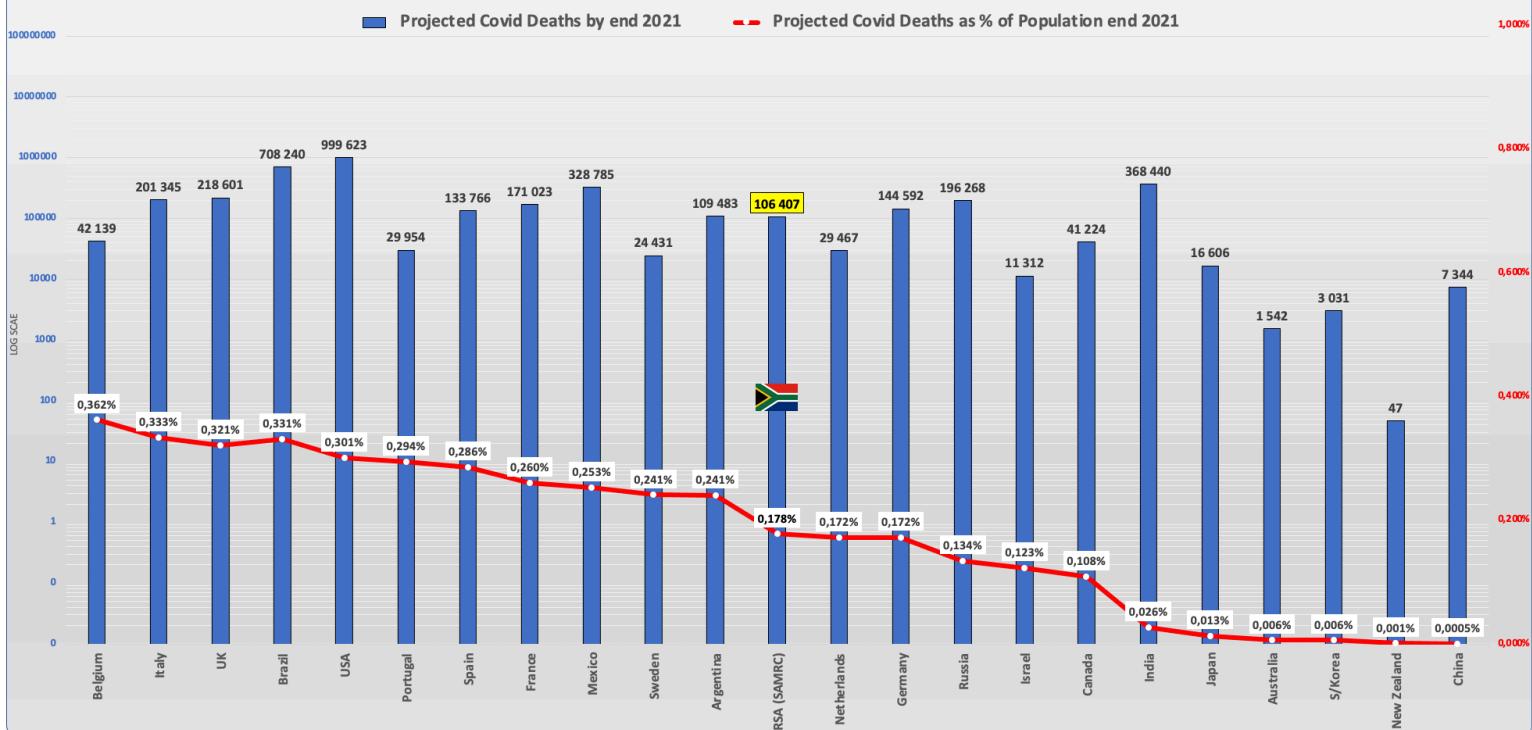


## Selected Countries' Current Reported Cases, Reported Deaths & Excess Deaths

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



Data as at: 30 April 2021

Unless otherwise indicated

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## RSA Excess Deaths as per SA Medical Research Council

as at: 24 April 2021

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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).

Data as at:

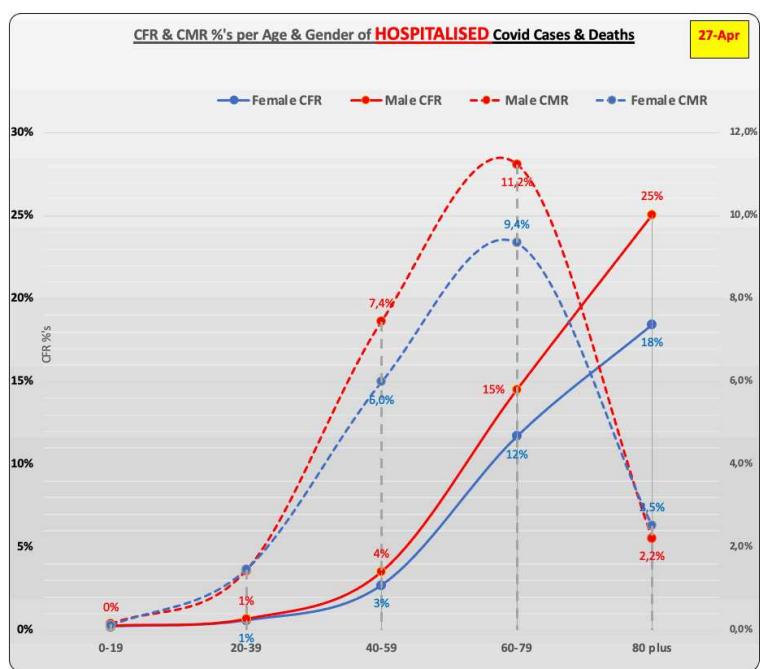
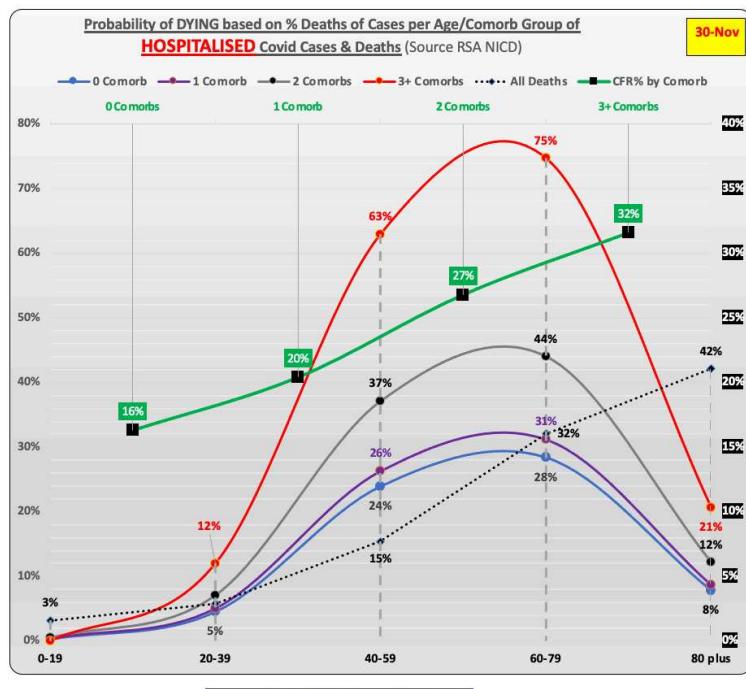
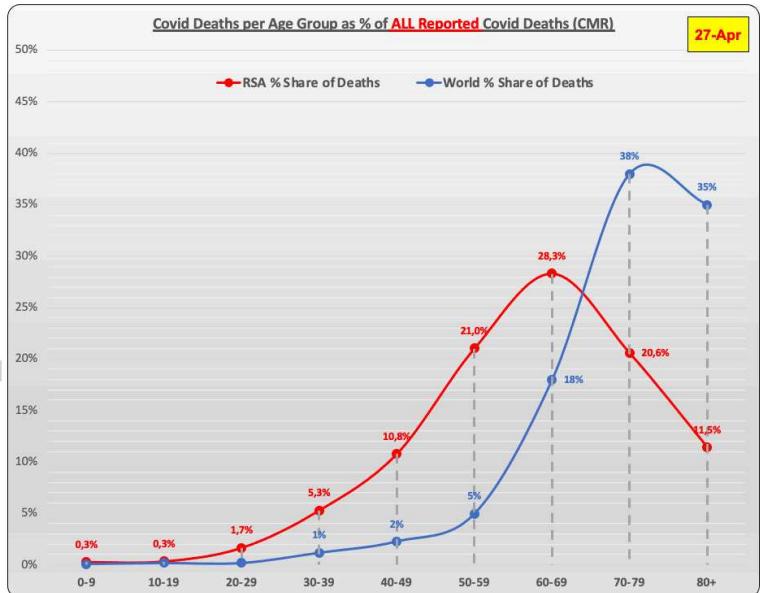
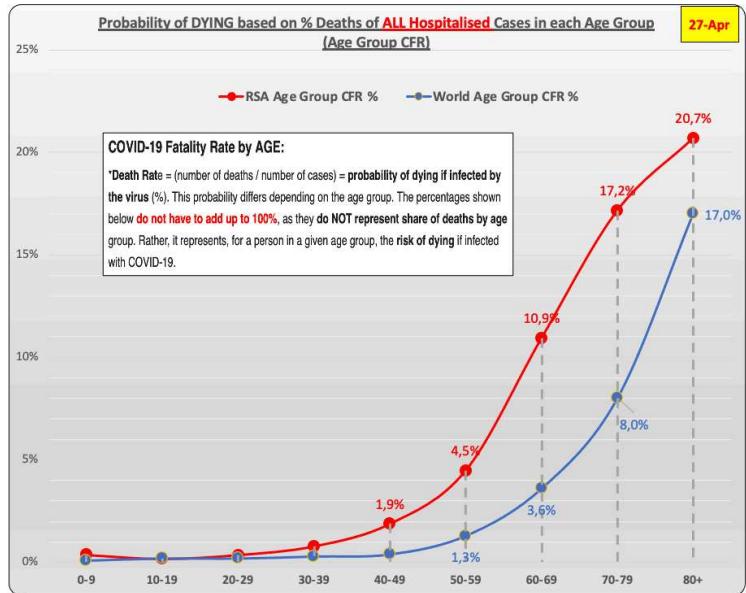
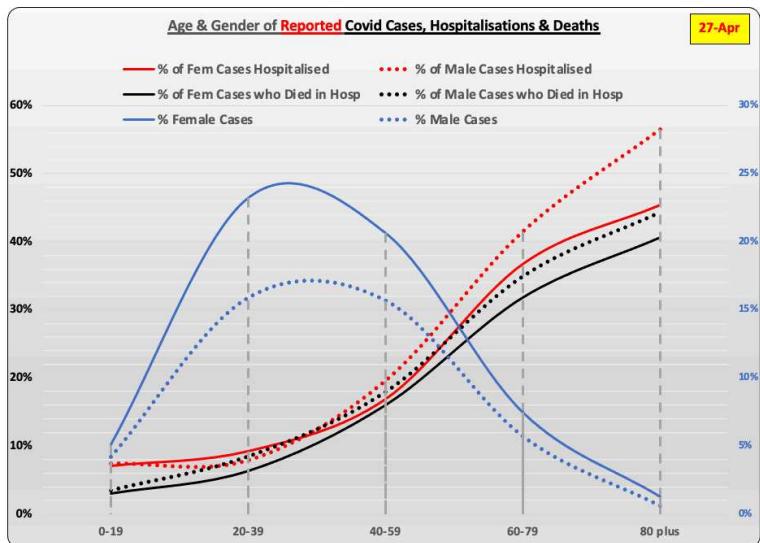
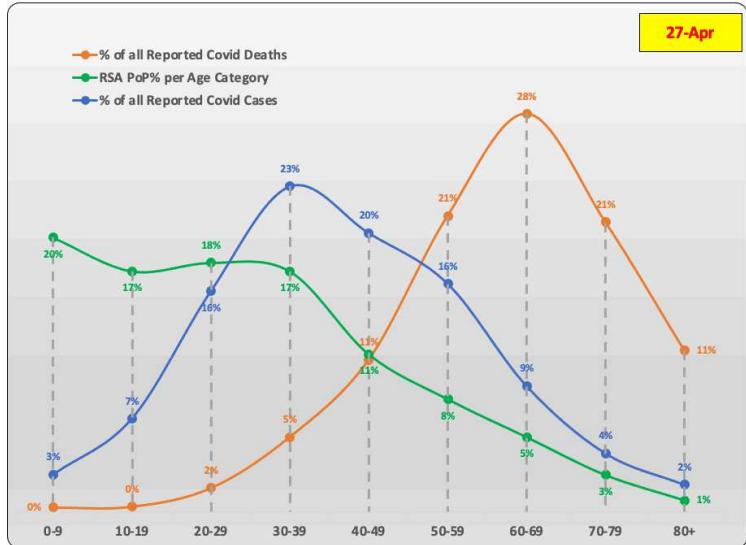
Latest Available

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01 May 2021

## RSA Age & Gender Stats

Page 5.1



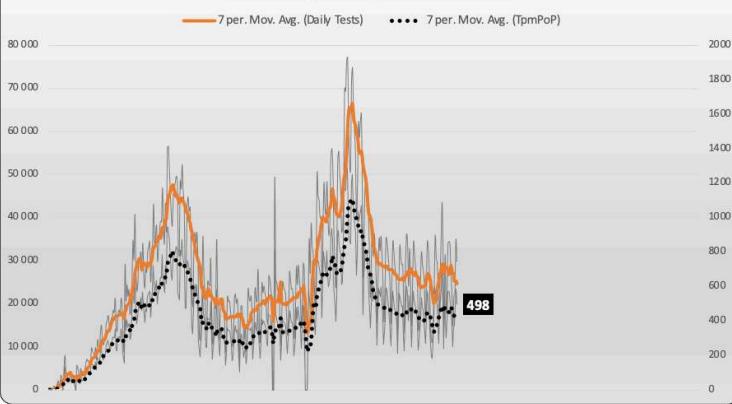
Data as at: As indicated per graph

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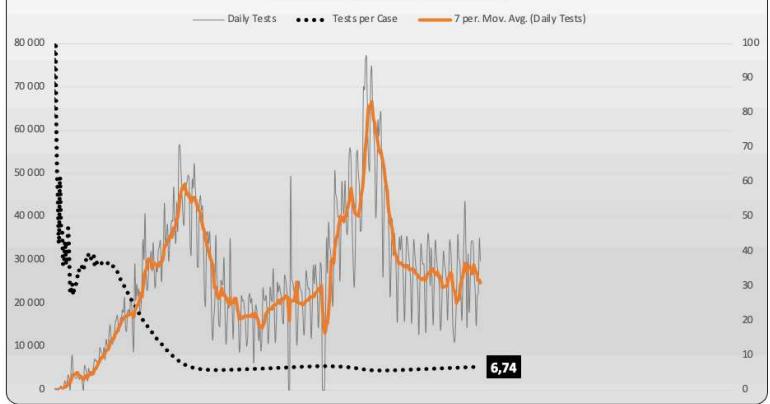
## RSA Key Ratios & Comparators (all graphs from Jan 2020)

Page 5.2

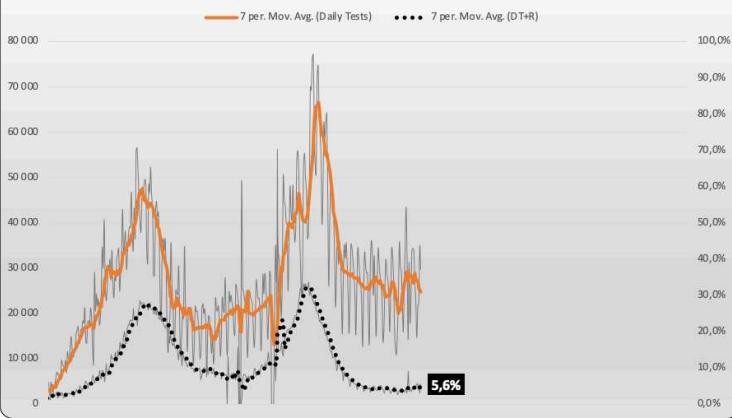
**RSA: Daily Tests per million PoP**



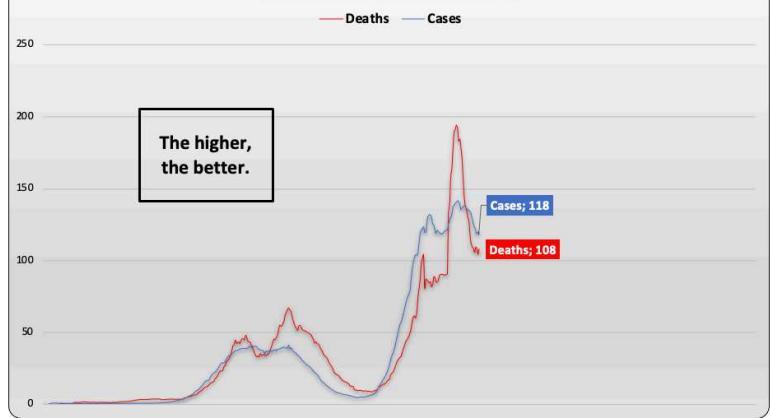
**RSA: Daily Tests per +Case**



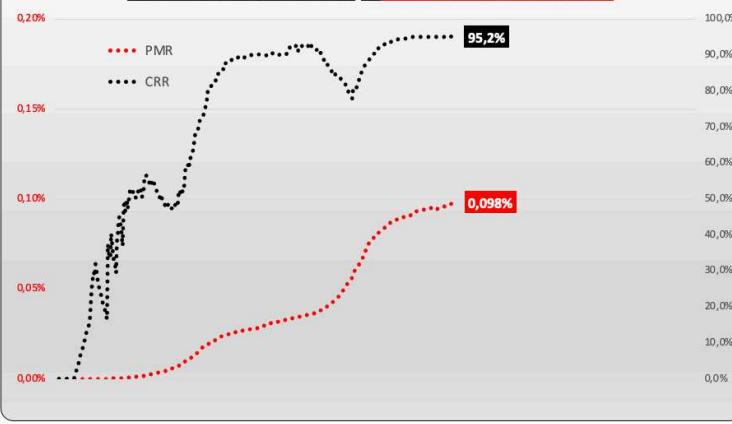
**RSA: Daily Tests Positivity %**



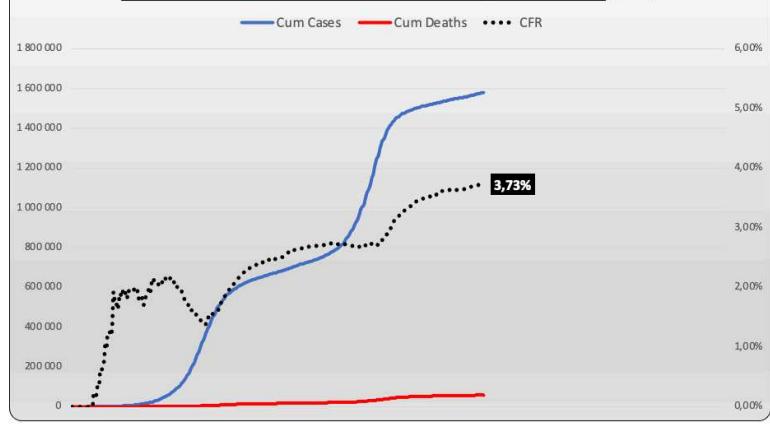
**RSA Doubling Times in Days**



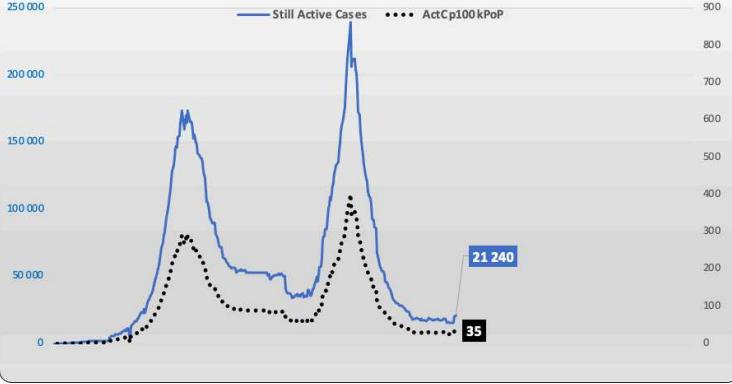
**RSA: Case Recovery Rate & PoP Covid Mortality Rate**



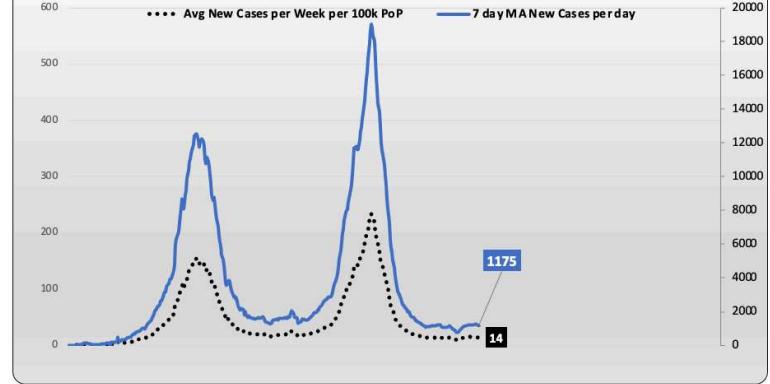
**RSA: Covid Reported Deaths as % of Reported Cases (CFR)**



**RSA: Still Active Reported Cases per 100k PoP**



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



Data as at:

30 April 2021

Unless otherwise indicated

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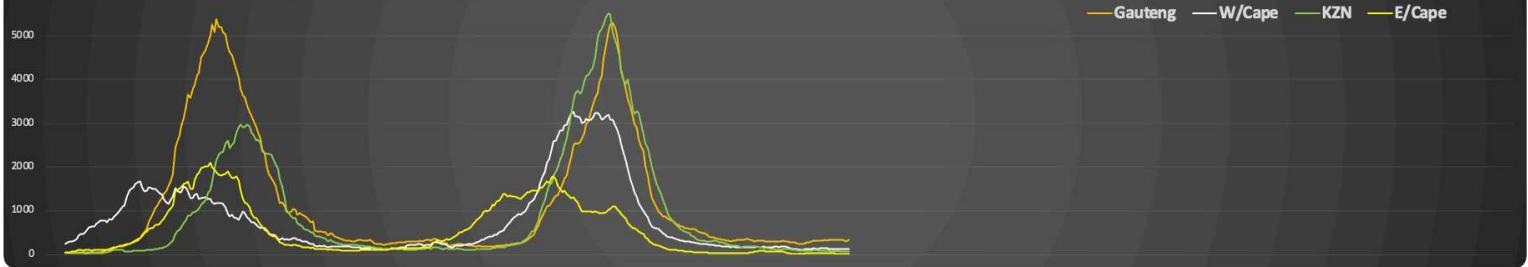
01 May 2021

# RSA & Provinces Key Data Sets

All linear scales

Page 5.3

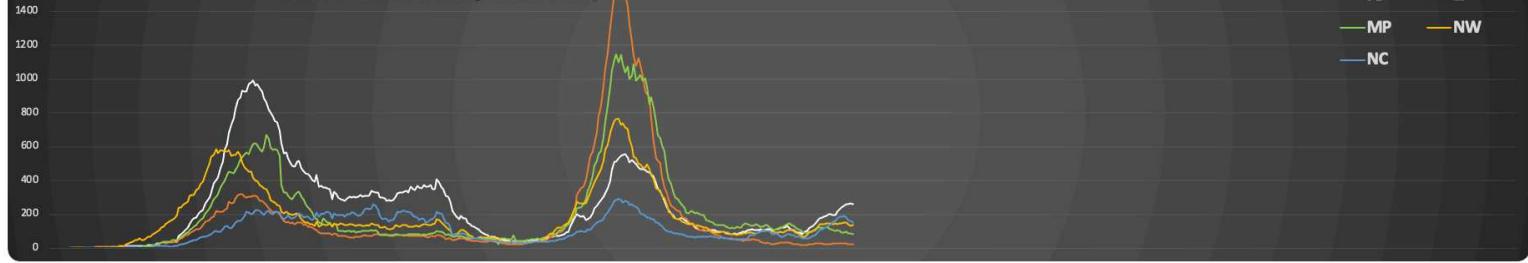
**Major Provinces Daily Cases 7 Day MA**



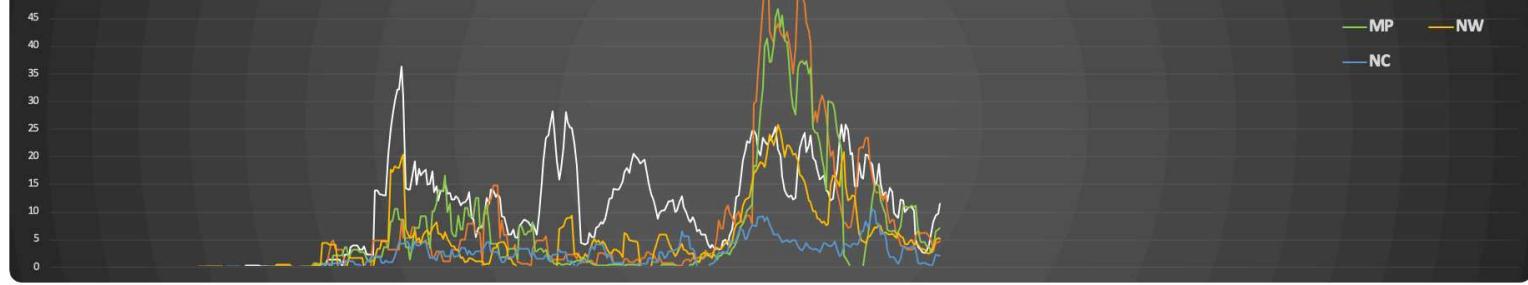
**Major Provinces Daily Deaths 7 Day MA**



**Smaller Provinces Daily Cases 7 Day MA**



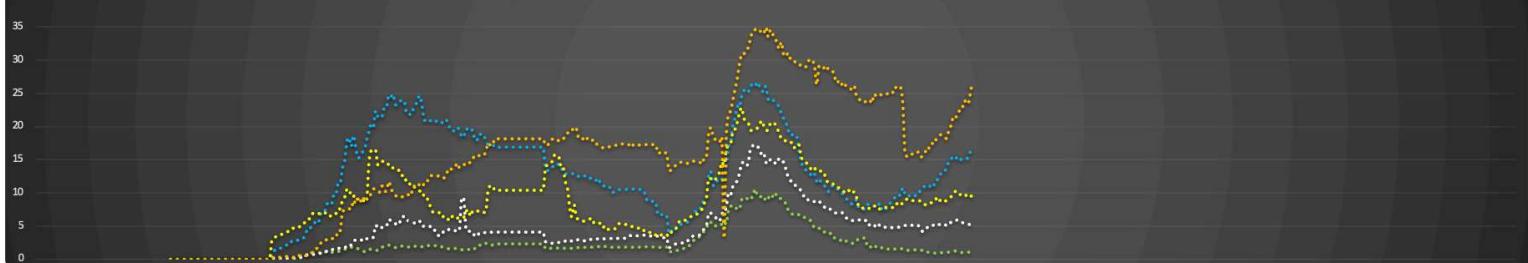
**Smaller Provinces Daily Deaths 7 Day MA**



**Major Provinces: In Hospital per 100k PoP**



**Smaller Provinces: In Hospital per 100k PoP**



Data as at:

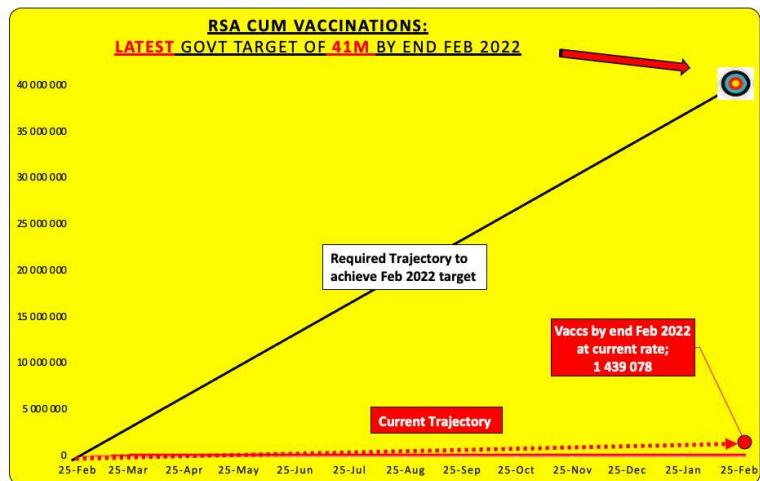
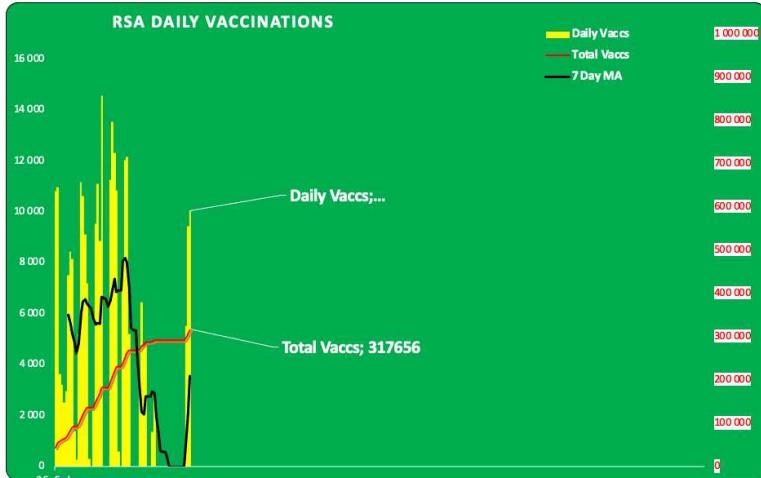
30 April 2021

Unless otherwise indicated

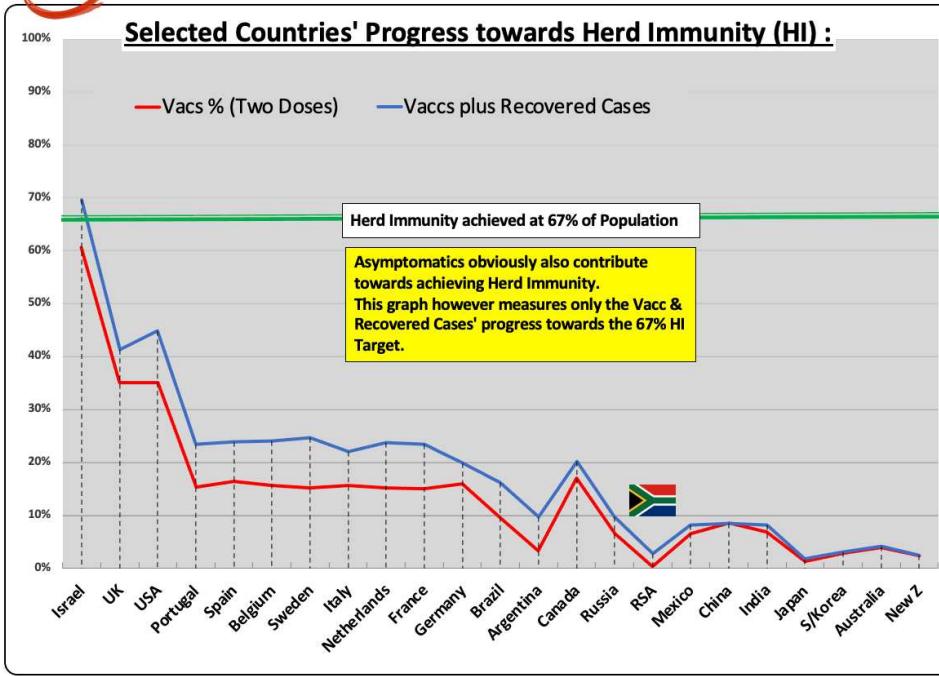
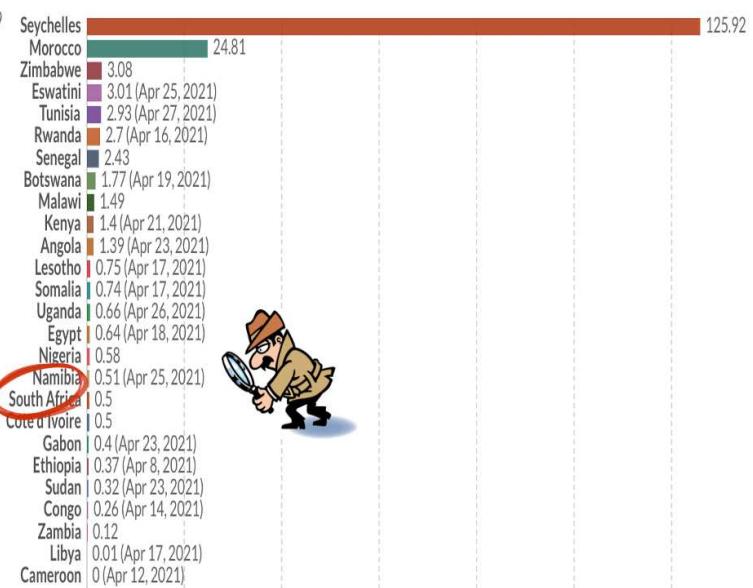
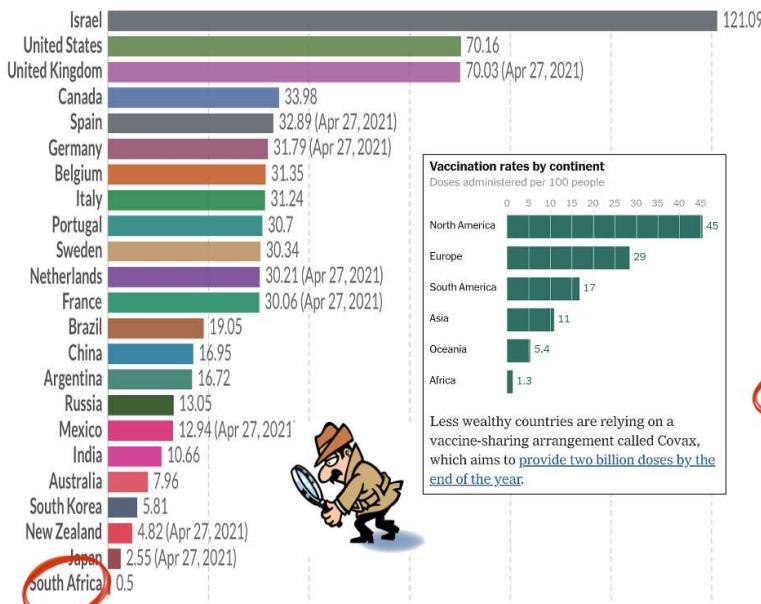
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01 May 2021

## Vaccination Data



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



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

Vaccs to date: 317 656 (single dose) Avg Vaccs per day: 4 813

Herd Immunity Target : 41 000 000 approx 67% of RSA adult PoP  
Revised up by Govt from 31m to 41m on 19 April 2021

**23,3 Years**



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

# SA's vaccination plan for the next 10 months



Pfizer BioNTech requires two doses



Johnson & Johnson requires one dose



= Sisonke Trial

**4 April 2021**

About 270,000 health workers had been vaccinated with the one-dose Johnson & Johnson vaccine in the Sisonke trial. The study will cover 500,000 of the 1 to 1.25 million workers

**May 2021**

Phase two starts. People over 60 will get their turn for vaccinations. If you're over 60 and a member of Discovery Health, you'll be able to register for a jab from 1 May onwards. They're planning to do 50,000 vaccinations of high-risk people per day. Next will be people with comorbidities and other high-risk groups.

**By July 2021**

Minister of health Zweli Mkhize said another 900,000 Johnson & Johnson vaccines will arrive in May. In June another 900,000 will be delivered and a further 9 million in July. If all goes according to schedule, this means SA will have 11.8 million Johnson & Johnson jabs by the end of July.

**February 2022**

Target to have all adults vaccinated by February 2022, this is about 41 million people\*

- All of this depends on the availability of vaccines of which there is a global shortage at the moment

**2021**

Apr

May

Jun

Jul

Aug

Nov

Dec

Jan

Feb

**2022**



**10 April 2021**

The last 200,000 free Johnson & Johnson vaccines will arrive on 10 April as part of the Sisonke trial.

**Second half of April 2021**

1 million paid-for Johnson & Johnson vaccines will arrive in the second half of April. The health workers who hadn't been covered by the Sisonke trial, will be vaccinated first.

**April - June**

6.75 million two-dose Pfizer-BioNTech vaccines are expected to arrive between April and June. Exact dates are not known at this stage. 5.5 million of these have been ordered from Pfizer and 1.25 million will come via COVAX.

**July - Early 2022**

Another 19.2 million Johnson & Johnson and 13.25 million Pfizer doses are expected between July and early 2022.

**November 2021**

In November, everyone else (those who are 18 years and older) will get their turn to get vaccinated against COVID19.

**Total Vaccines by Early 2022**

Johnson & Johnson = 31.5 million  
Pfizer-BioNTech = 20 million

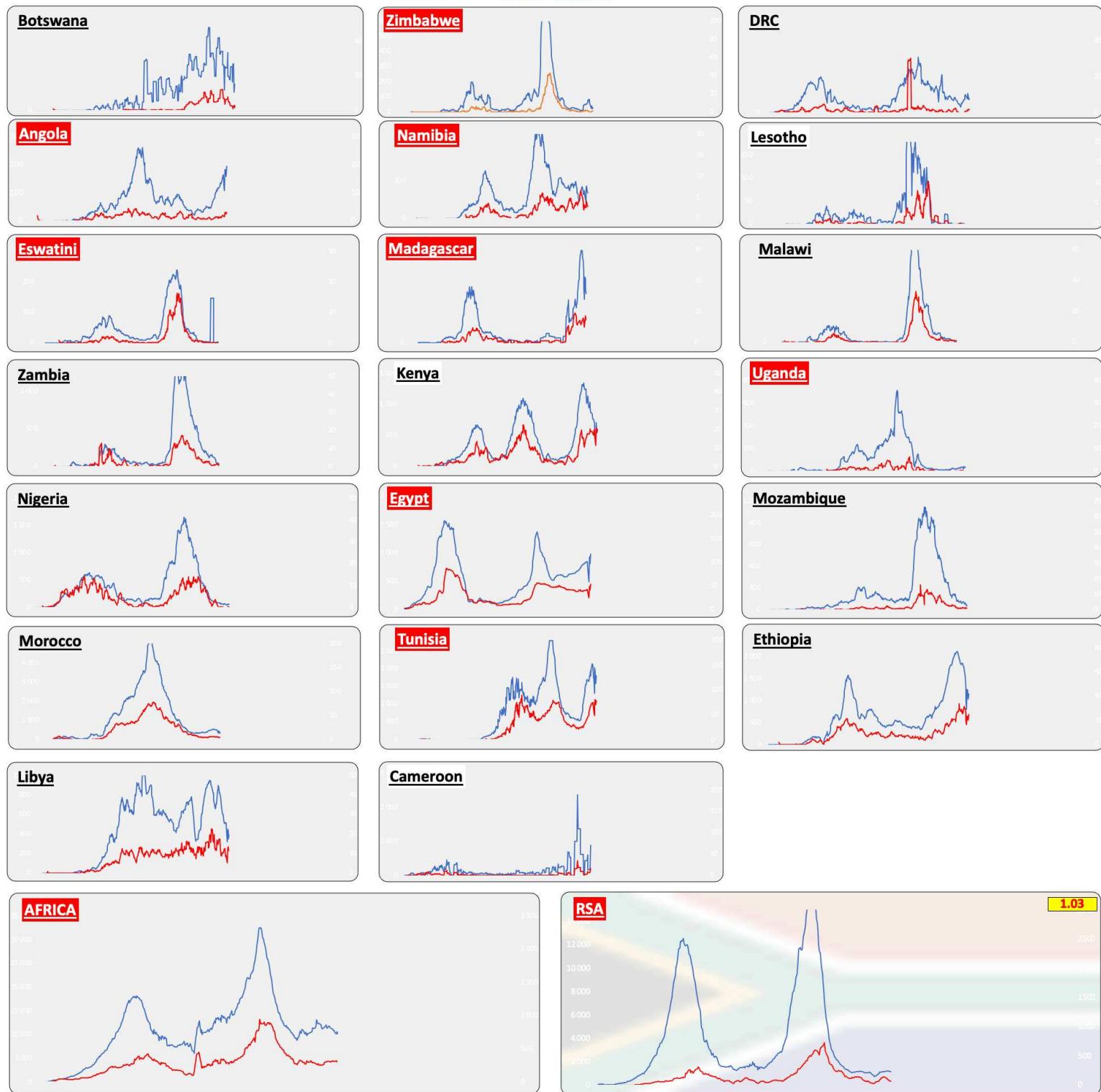
## Africa Daily Reported New Cases & Deaths 7 Day MA

Page 6.2

Noteworthy: Regular data shows adverse trends

(Jan 2020 to Present)

CASES DEATHS

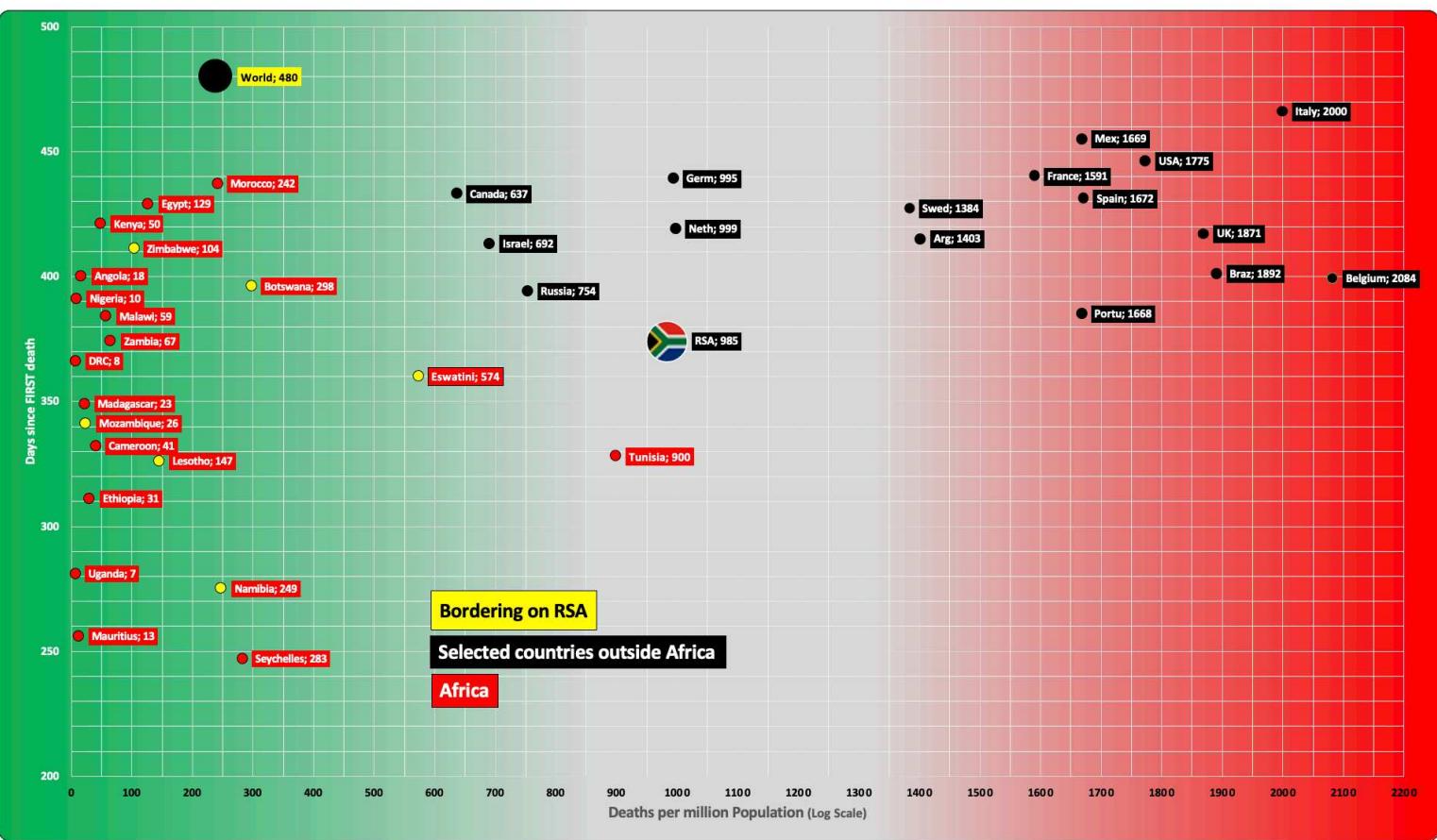


Data as at: 30 April 2021

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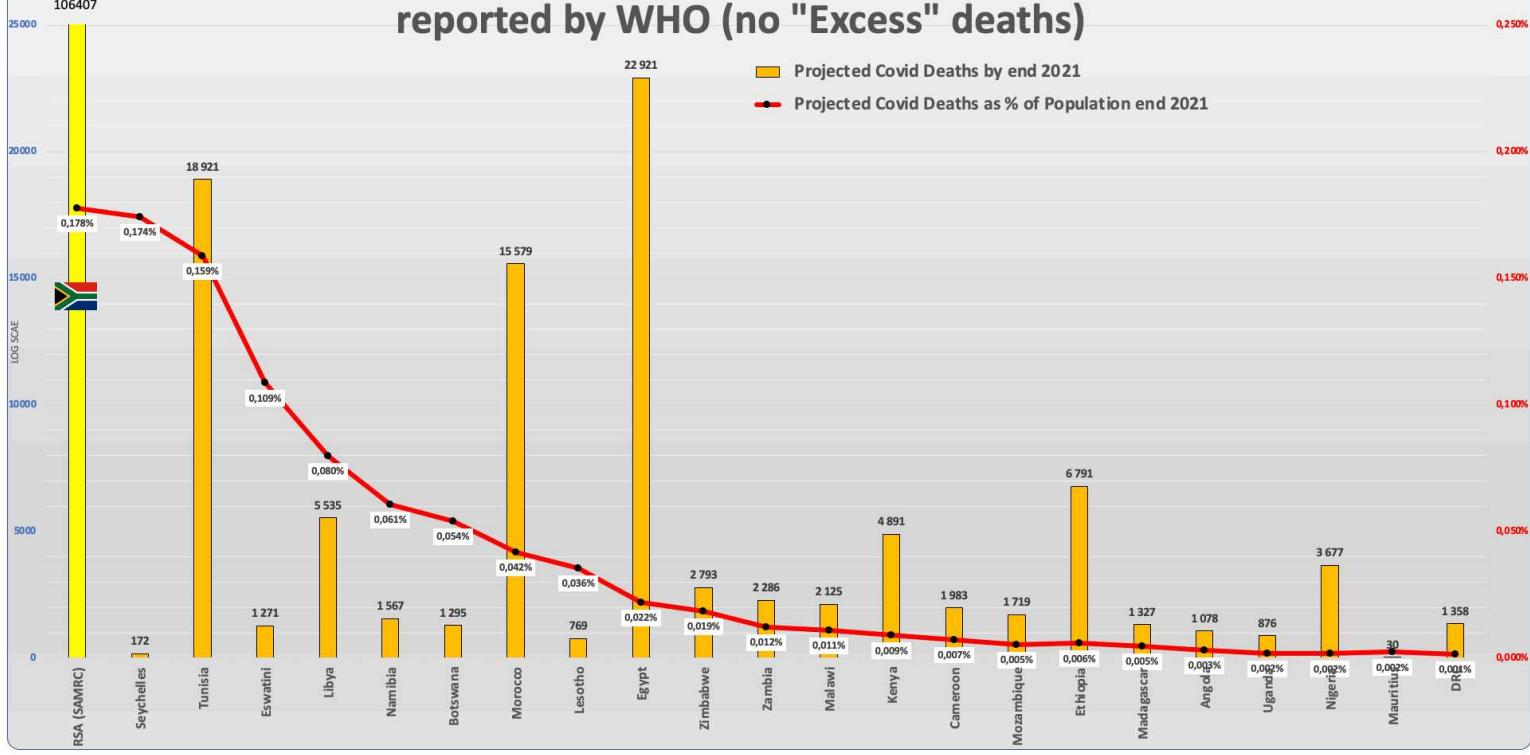
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1.03



## Projected Deaths by end 2021 per country and % Deaths of Country

### Populations at current officially reported Death Numbers as reported by WHO (no "Excess" deaths)



**A smile is the best vaccine....**



Today's cartoon, by Tim Hamilton:



*"Do not be afraid—we are fully vaccinated!"*