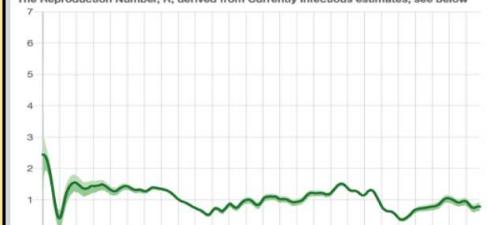
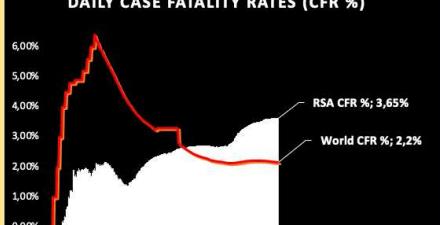
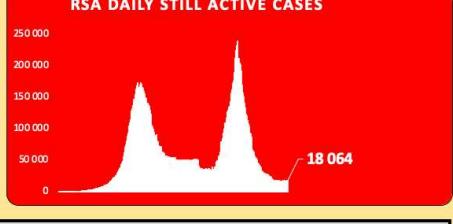
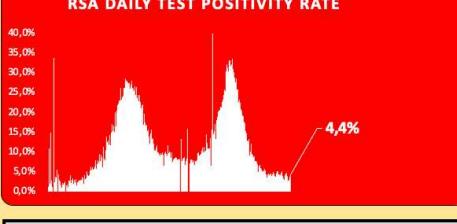
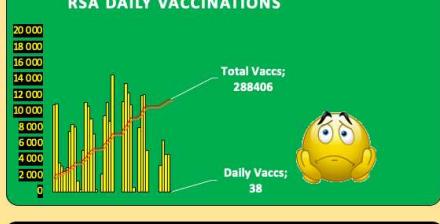
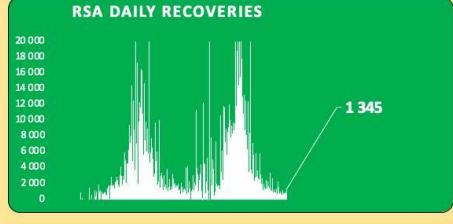
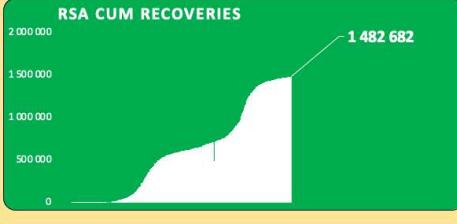
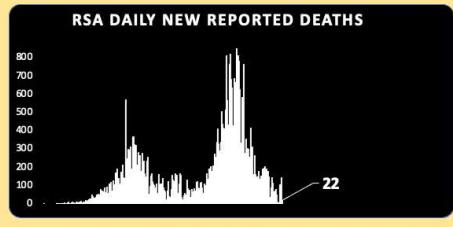
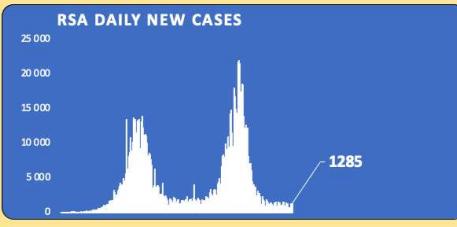
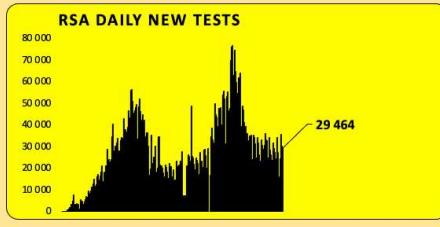
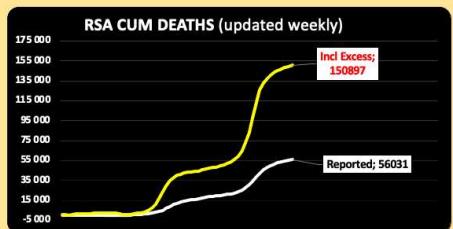
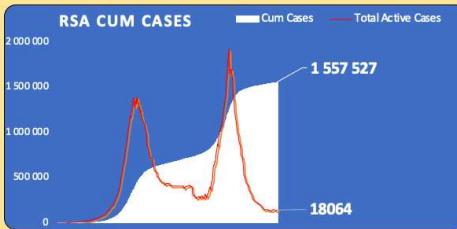
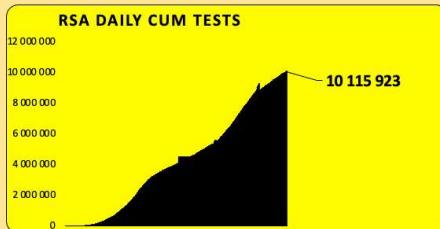


HarryG COVID-19 Dashboard

Page 1



An R₀ below 1 suggests that the number of cases is shrinking, possibly allowing societies to open back up. An R₀ above 1 indicates that the number of cases is growing, perhaps necessitating renewed lockdowns or other measures.

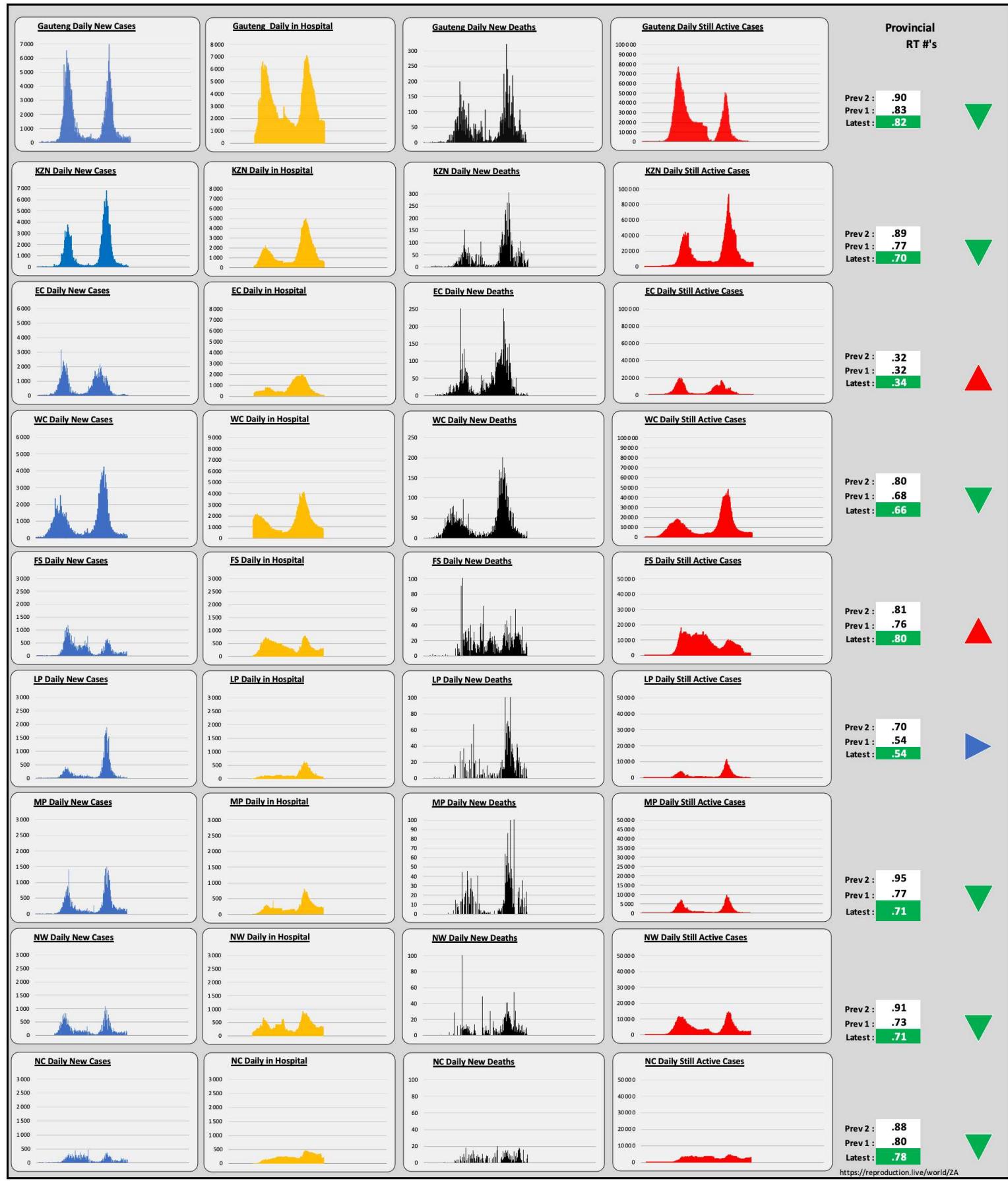
RSA Rt #

Two days ago :	.85
Yesterday :	.78
Today :	.74



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

Page 1.1



Data as at: 10 April 2021

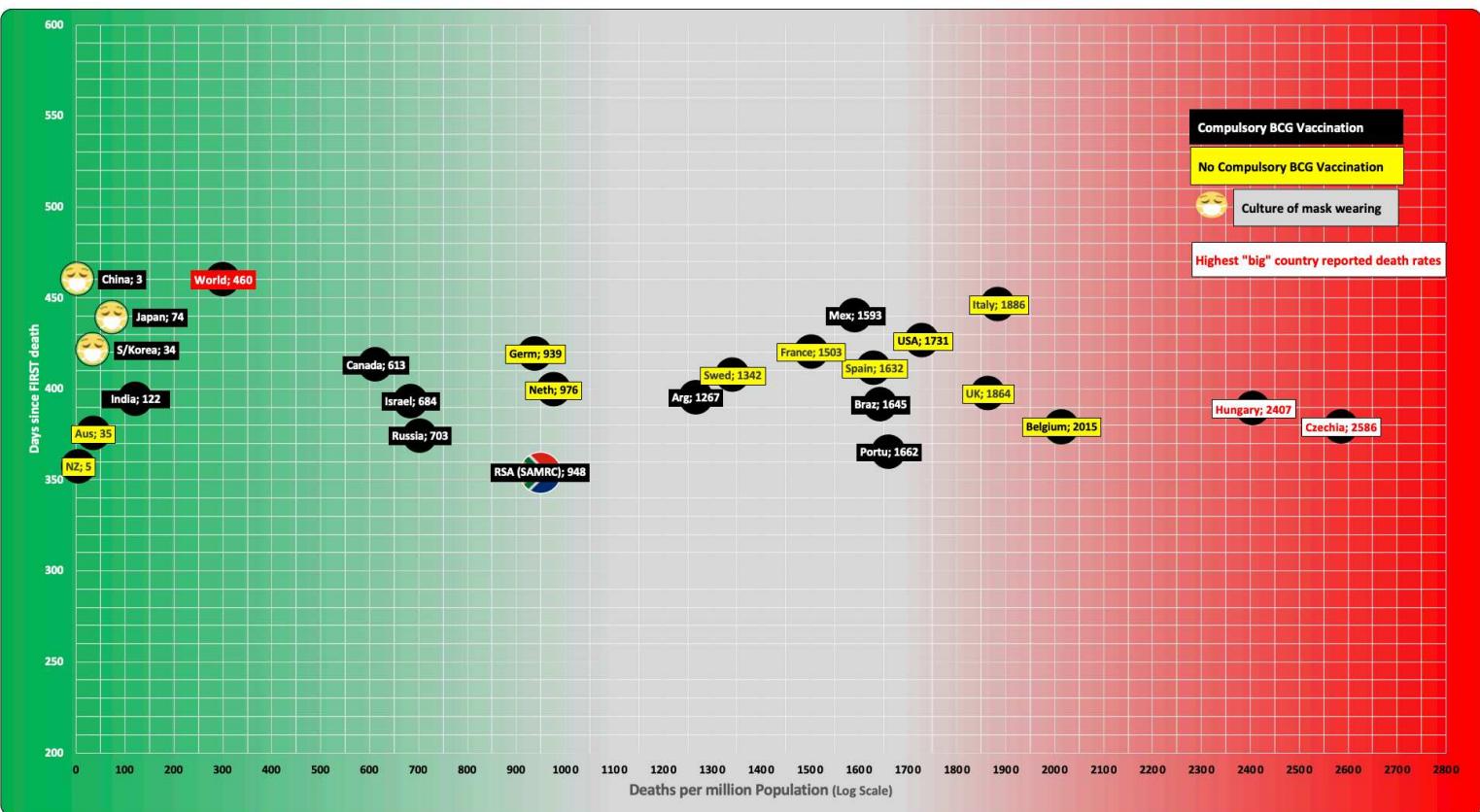
Unless otherwise indicated

hdg 11 April 2021

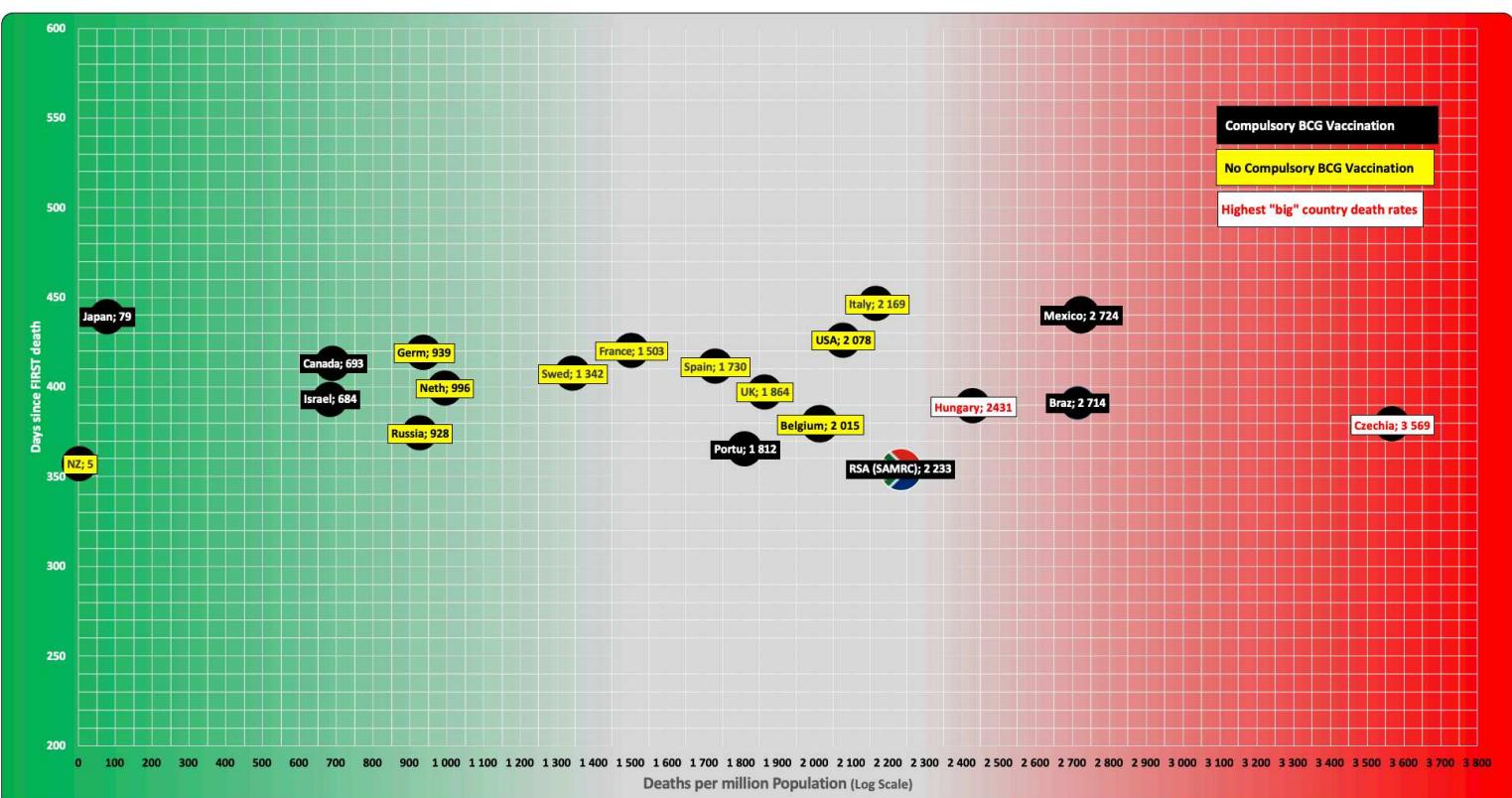
<https://reproduction.live/world/ZA>

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

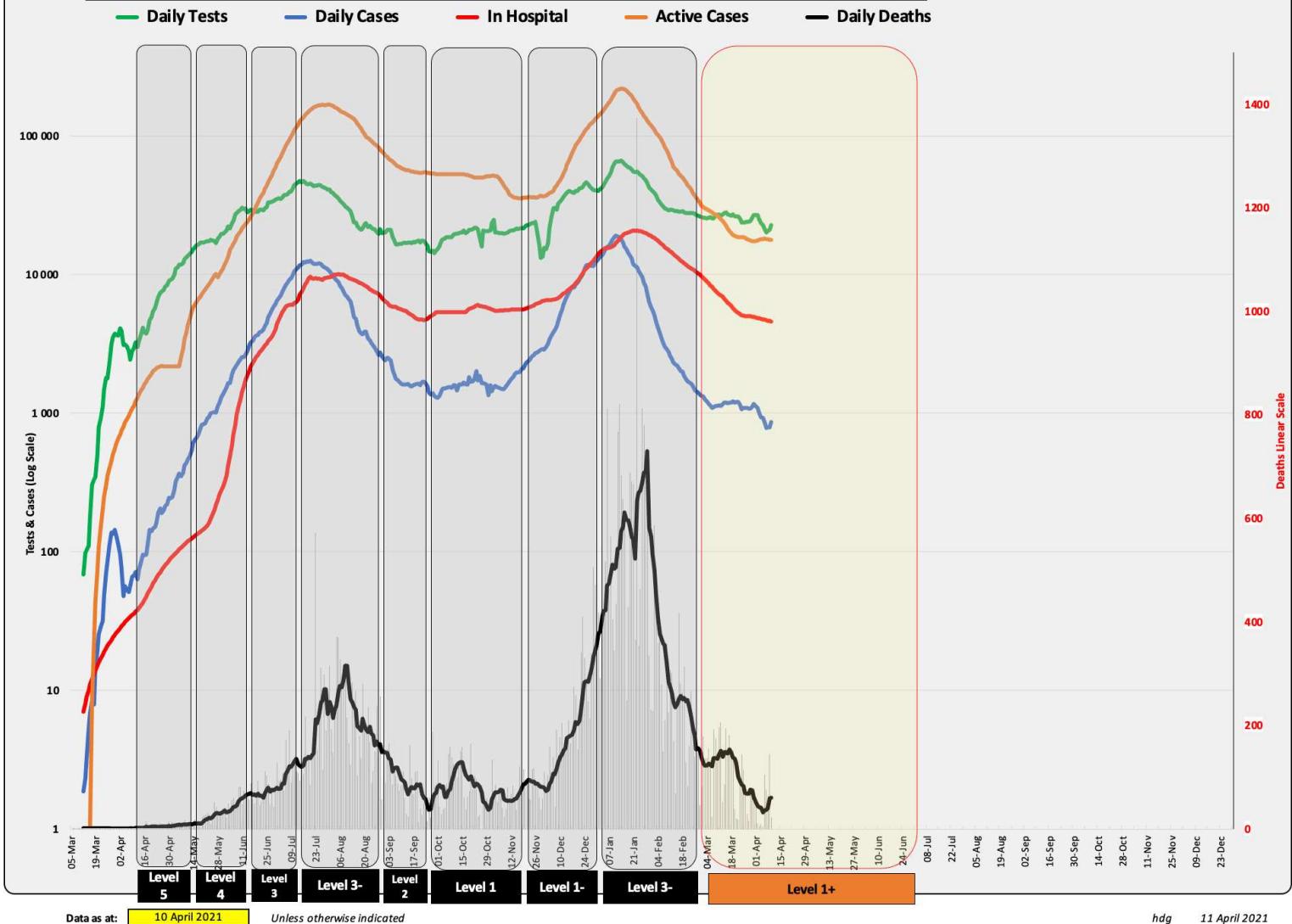


Risk reduced by wearing a mask, social distancing & washing hands

informationisbeautiful

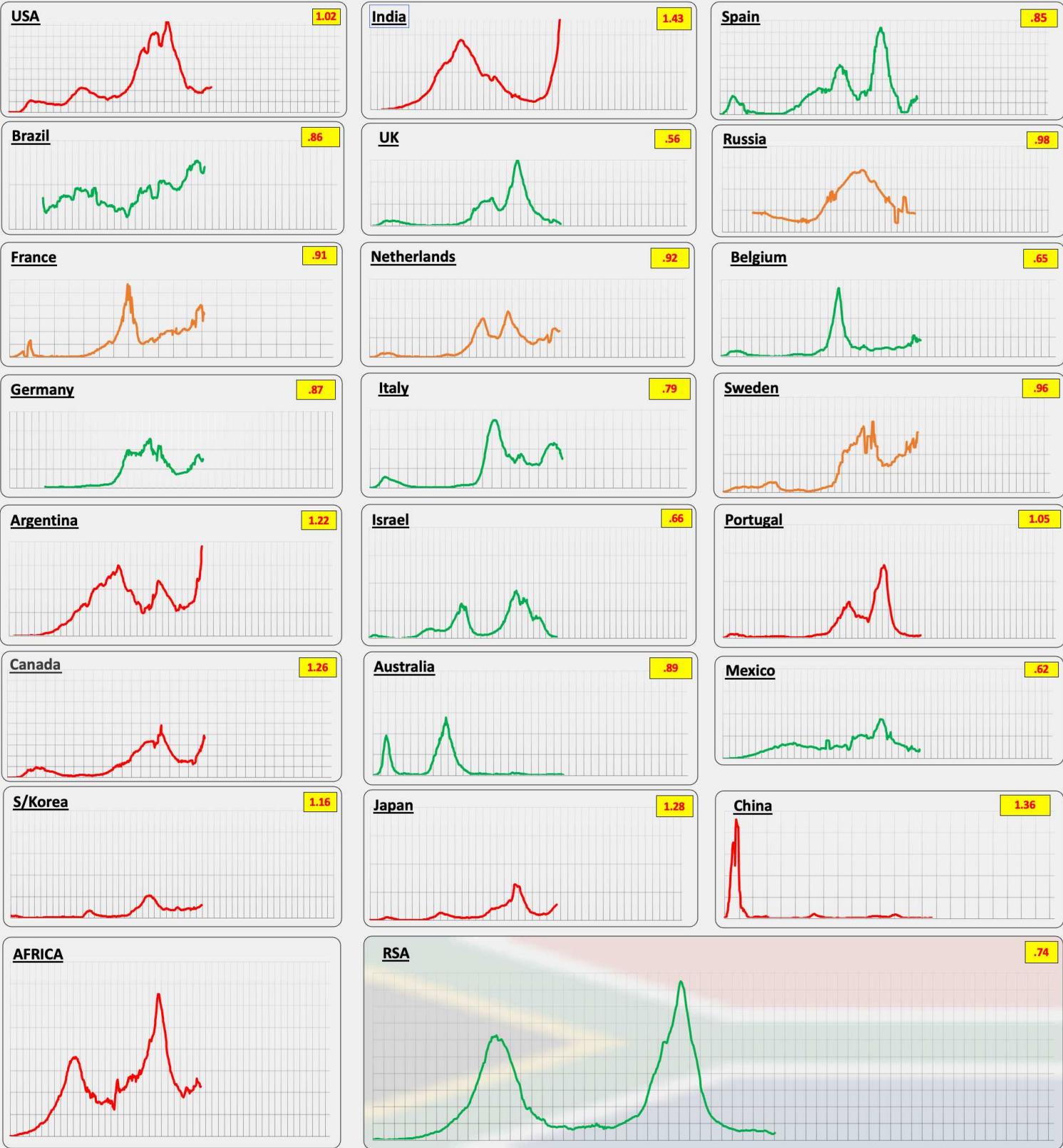
sources: New York Times, Reuters, NPR, SF Gate & others

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



World Daily Reported New Cases 7 Day MA

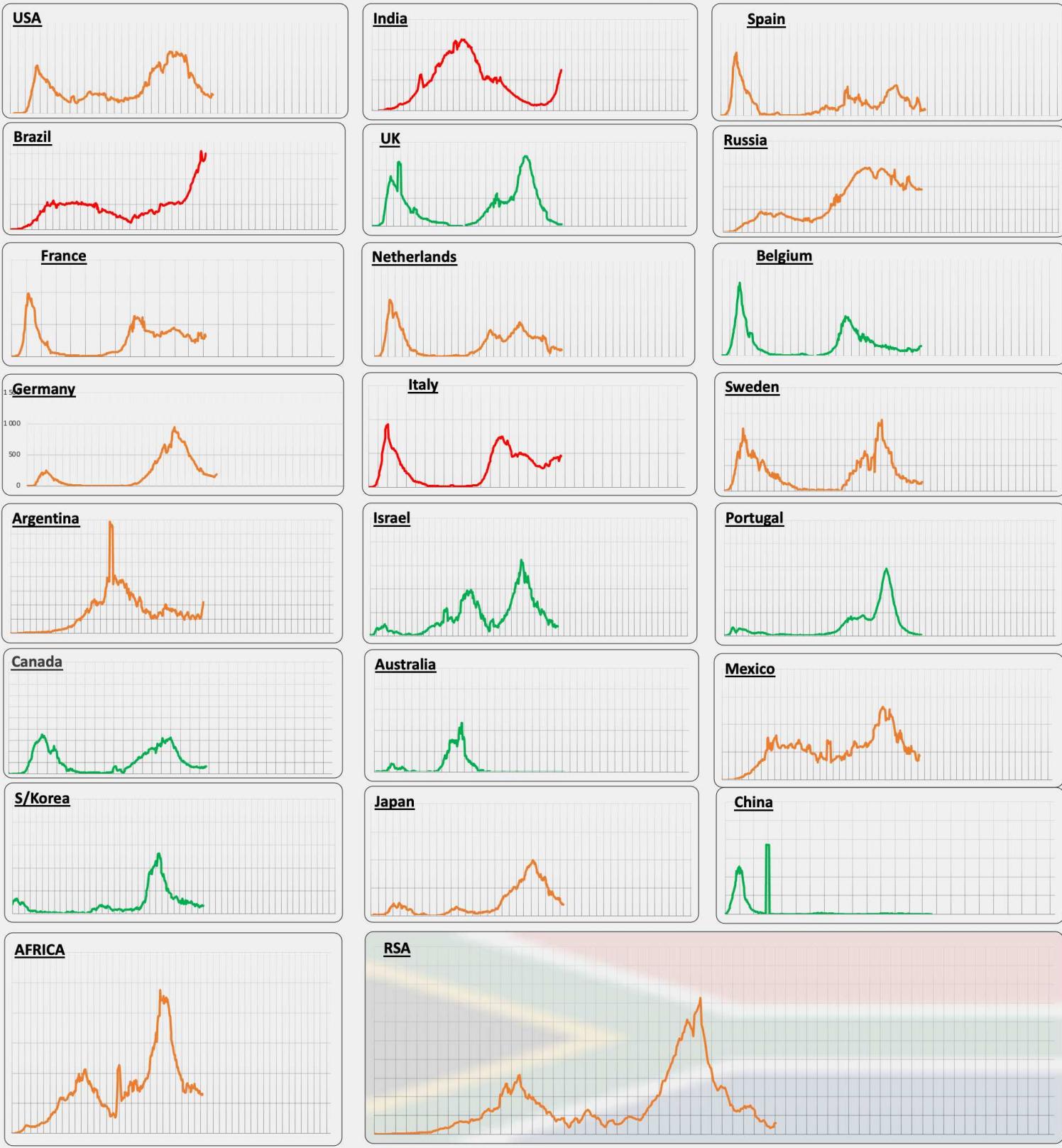
7 Day MA Rising with Rt > 1
 7 Day MA Stable with Rt < 1
 7 Day MA Declining with Rt < 0.9
 Latest Rt #'s 



World Daily Reported Deaths 7 Day MA

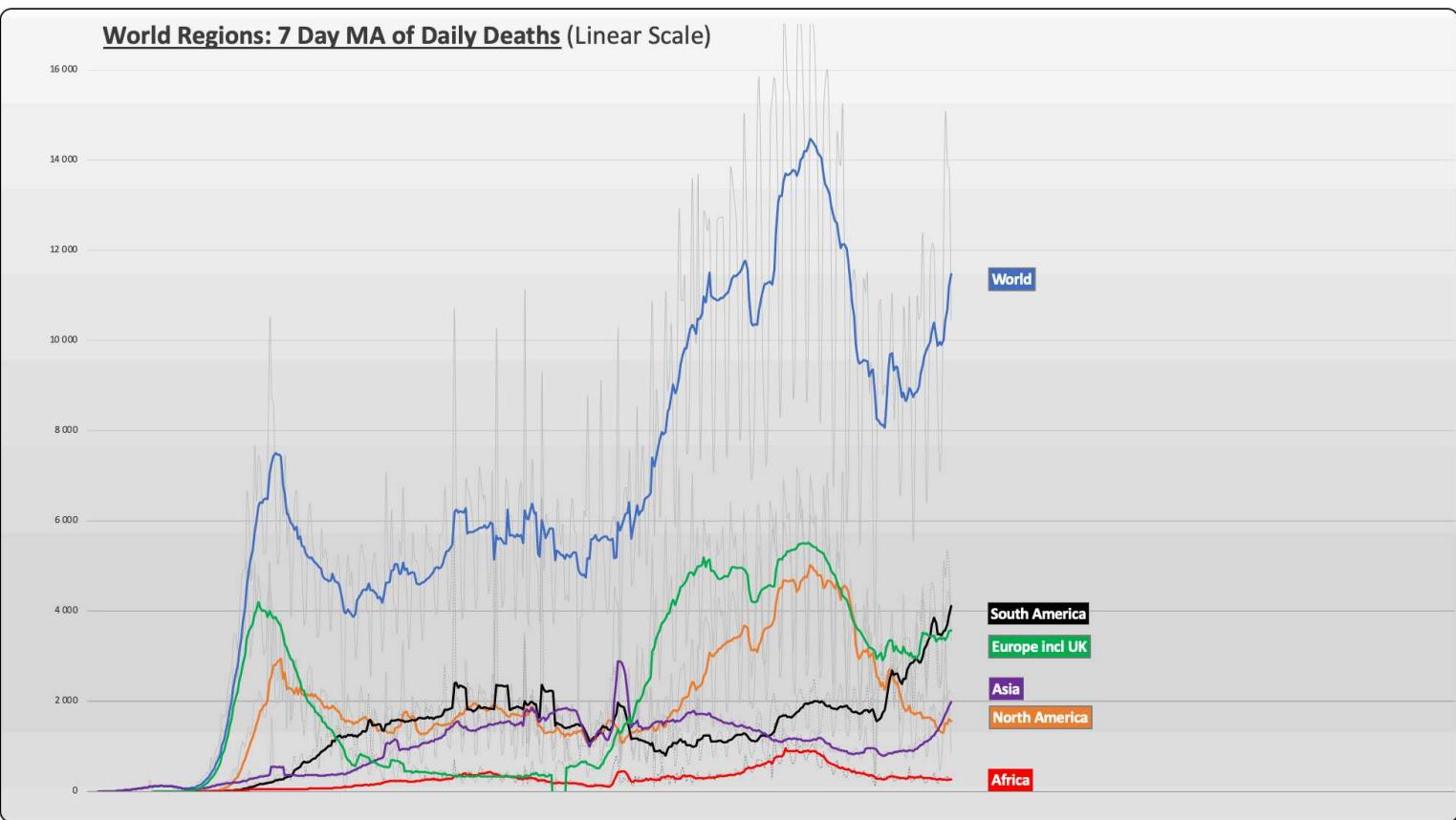
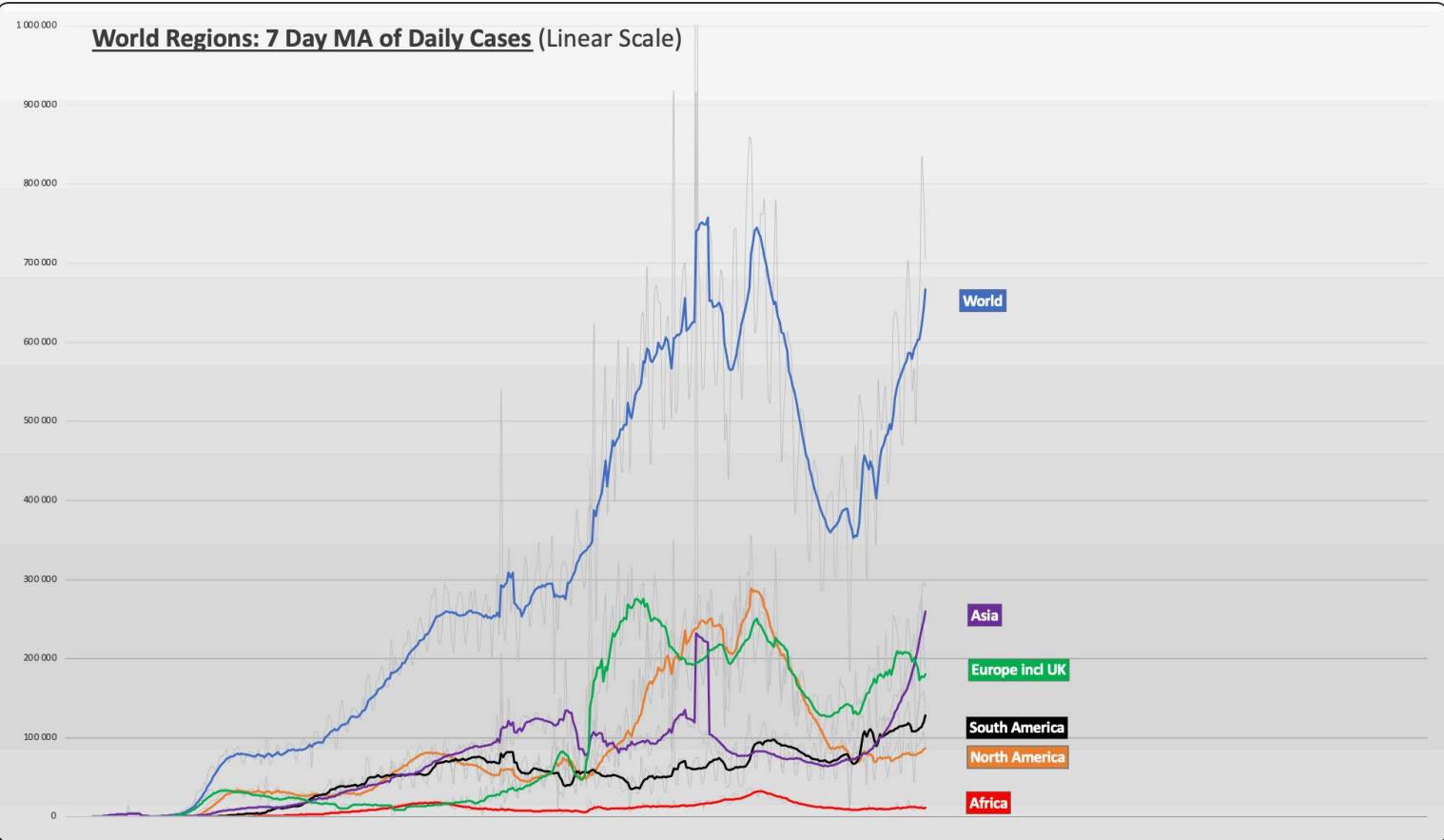
Page 2.3

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

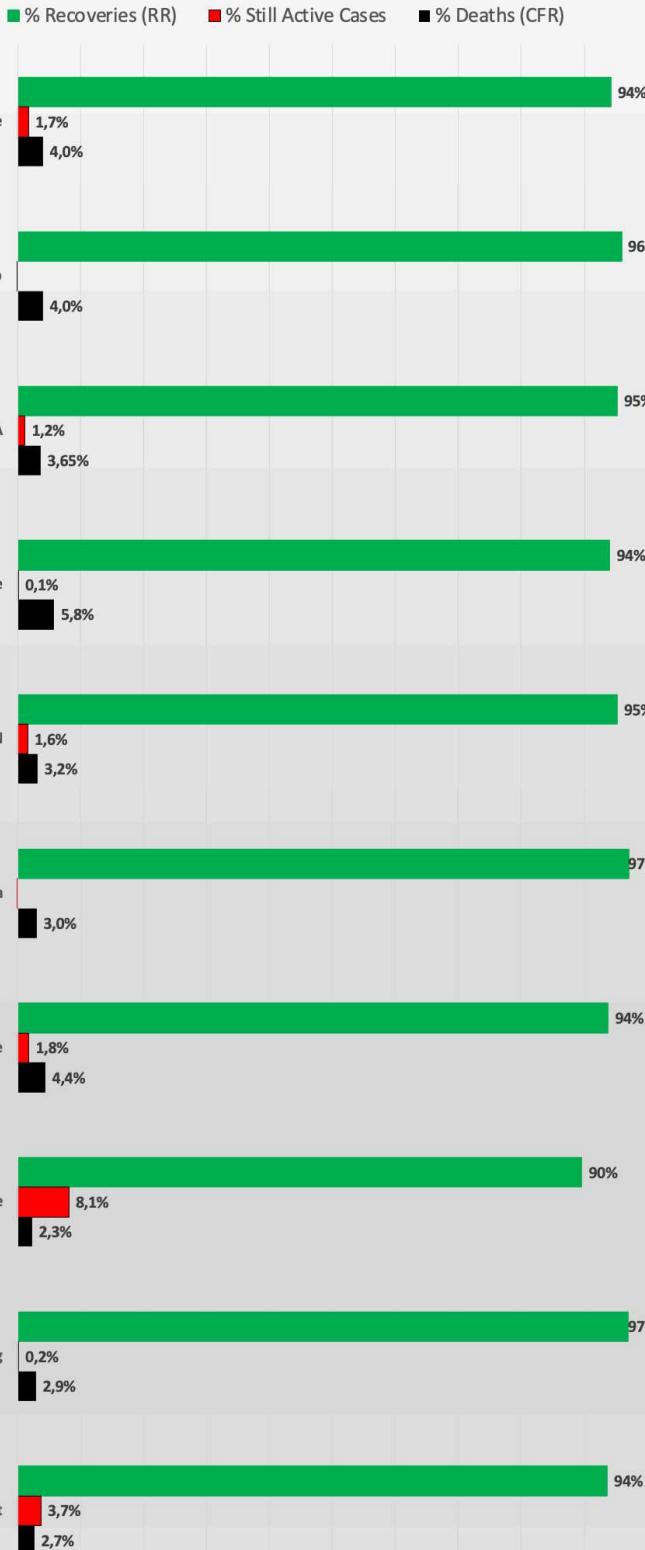
Page 3.0



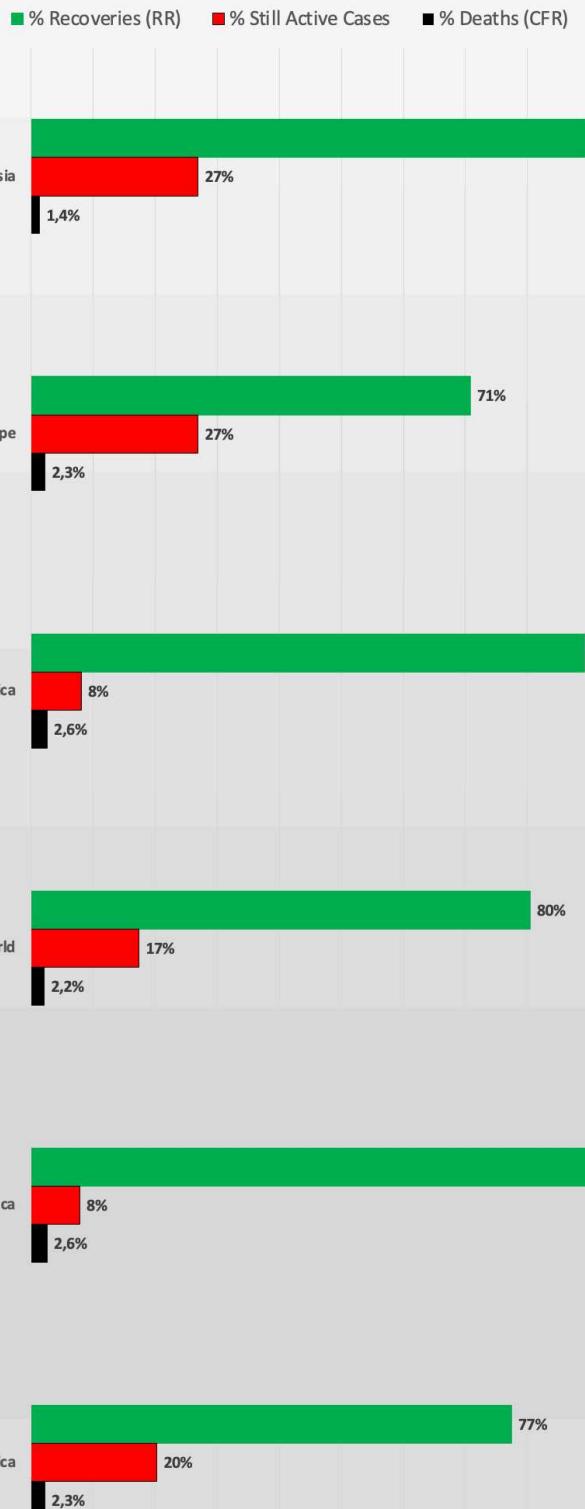
RSA & Provinces v World Data

Page 3.1

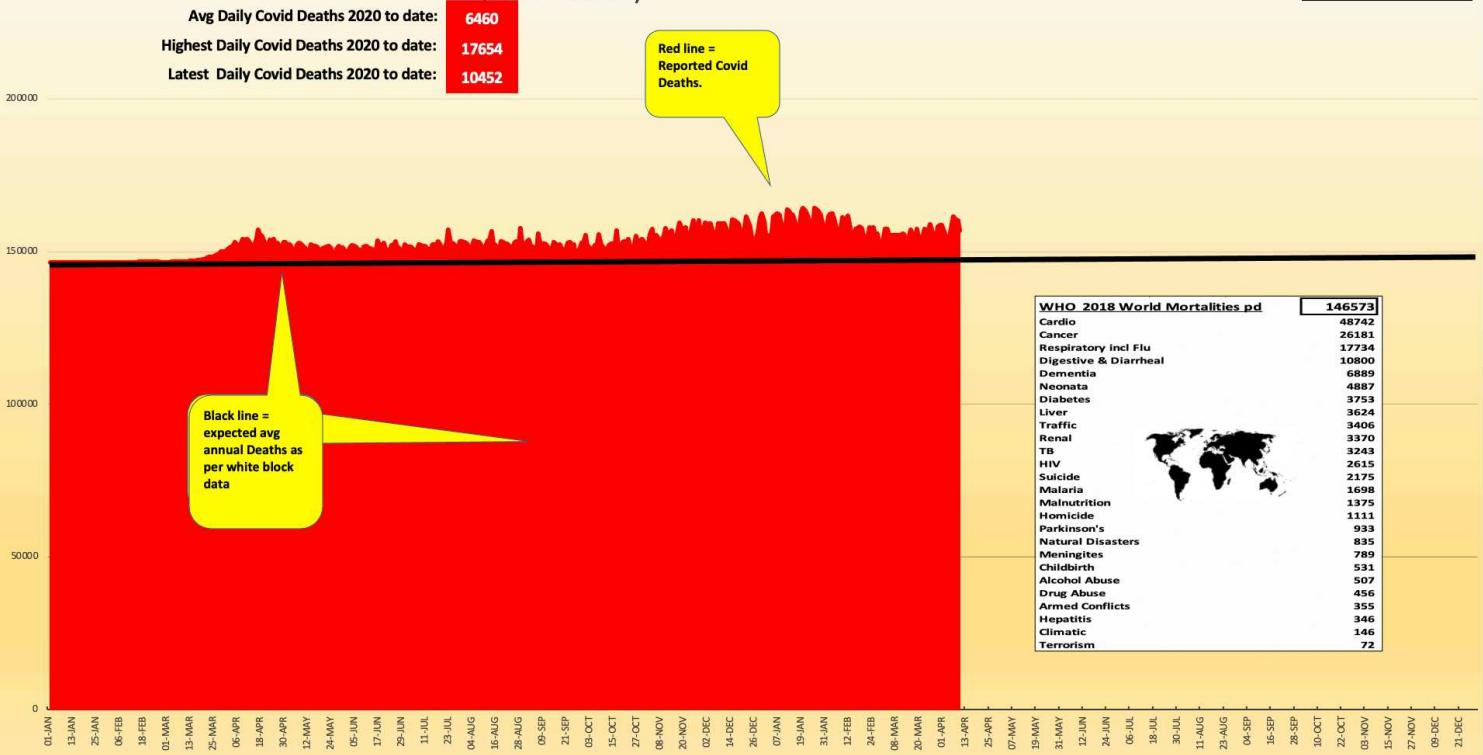
RSA Deaths (CFR), Recoveries (RR) and still-Active Cases as % of all Cases



World Deaths (CFR), Recoveries (RR) and still-Active Cases as % of all Cases



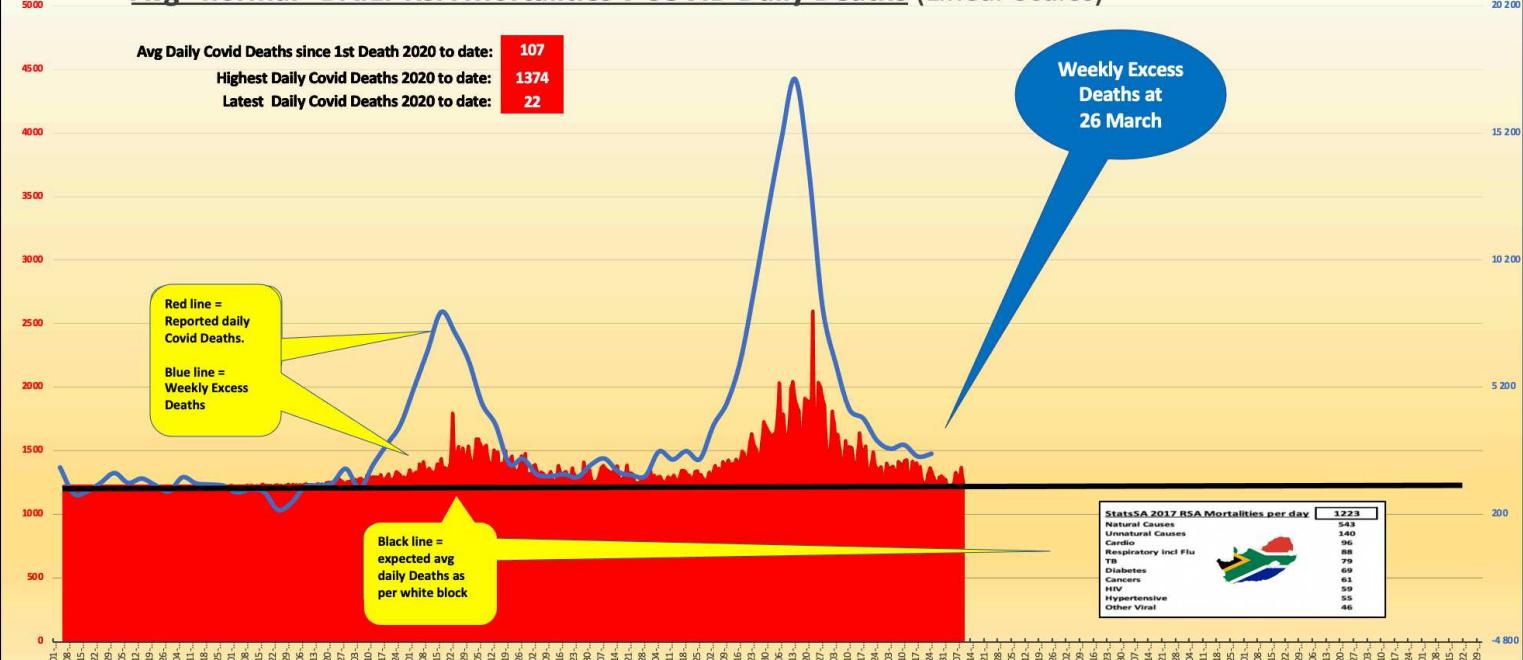
Avg "normal" DAILY WORLD Mortalities v COVID Reported Daily Deaths (Linear Scales)



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.

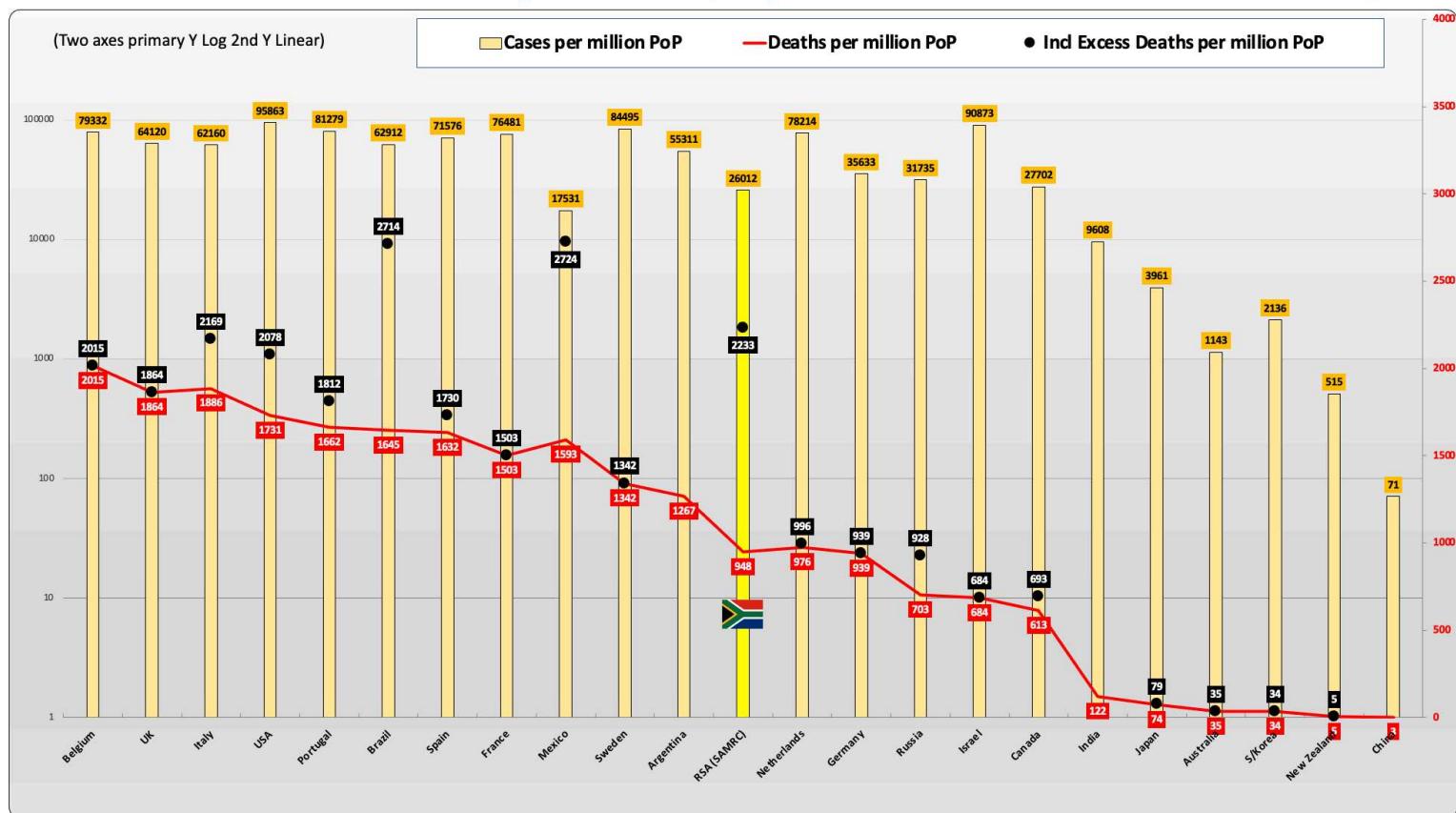
The RED area/lines on top of the red blocks are the INCREMENTAL Actual Daily Deaths due to Covid as officially reported.
The BLUE line in the bottom RSA graph shows the SAMRC Excess Deaths weekly numbers.

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

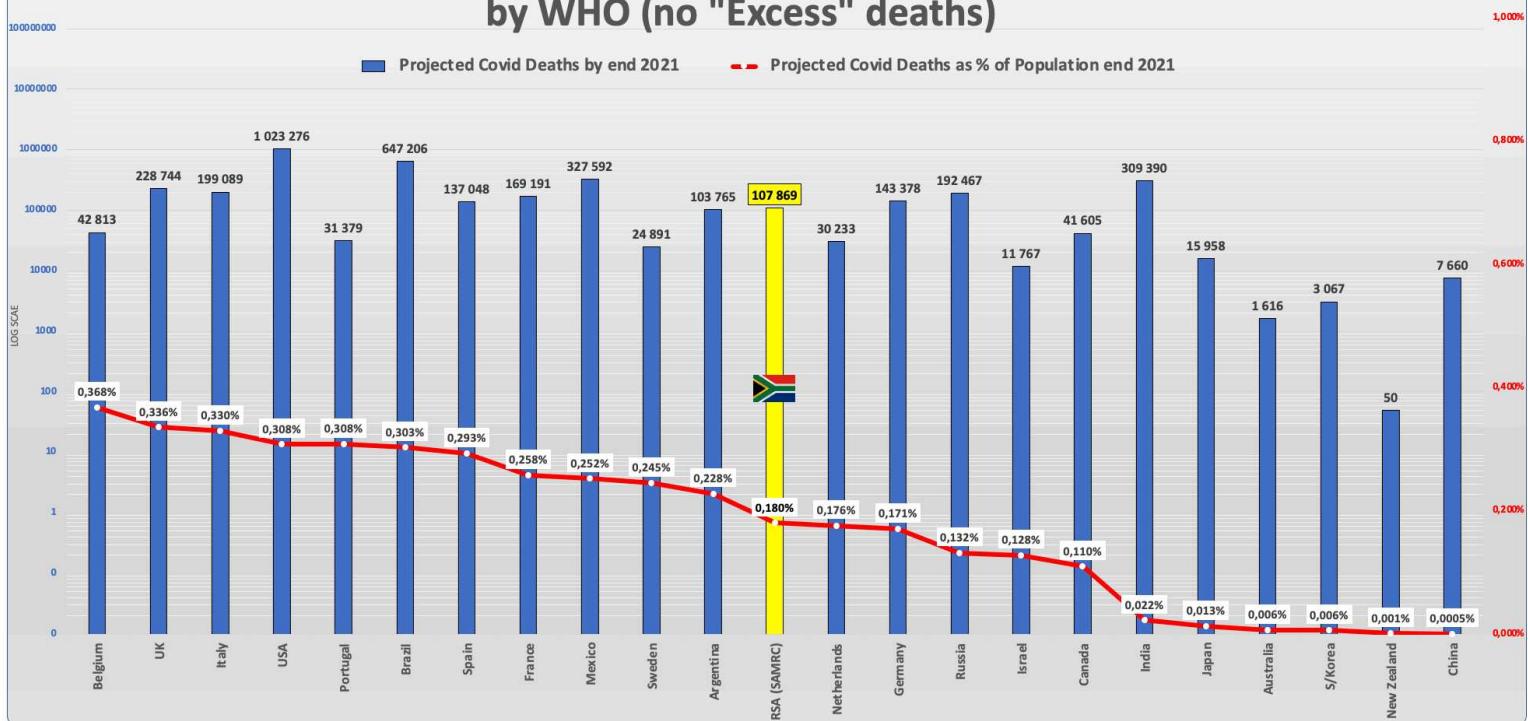


Selected Countries' Current Reported Cases, Reported Deaths & Excess Deaths

Page 4



Projected Deaths by end 2021 per country and % Deaths of Country Populations at current officially reported Death Numbers as reported by WHO (no "Excess" deaths)

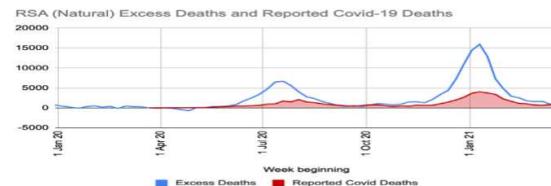


Data as at: 10 April 2021

Unless otherwise indicated

hdg 11 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 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).

International Excess Deaths as per Financial Times Covid Research Unit

Page 5.1

Death rates have climbed far above historical averages in many countries that have faced Covid-19 outbreaks

Number of deaths per week from all causes, 2020 vs recent years:

Shading indicates total excess deaths since 100 confirmed cases in the country



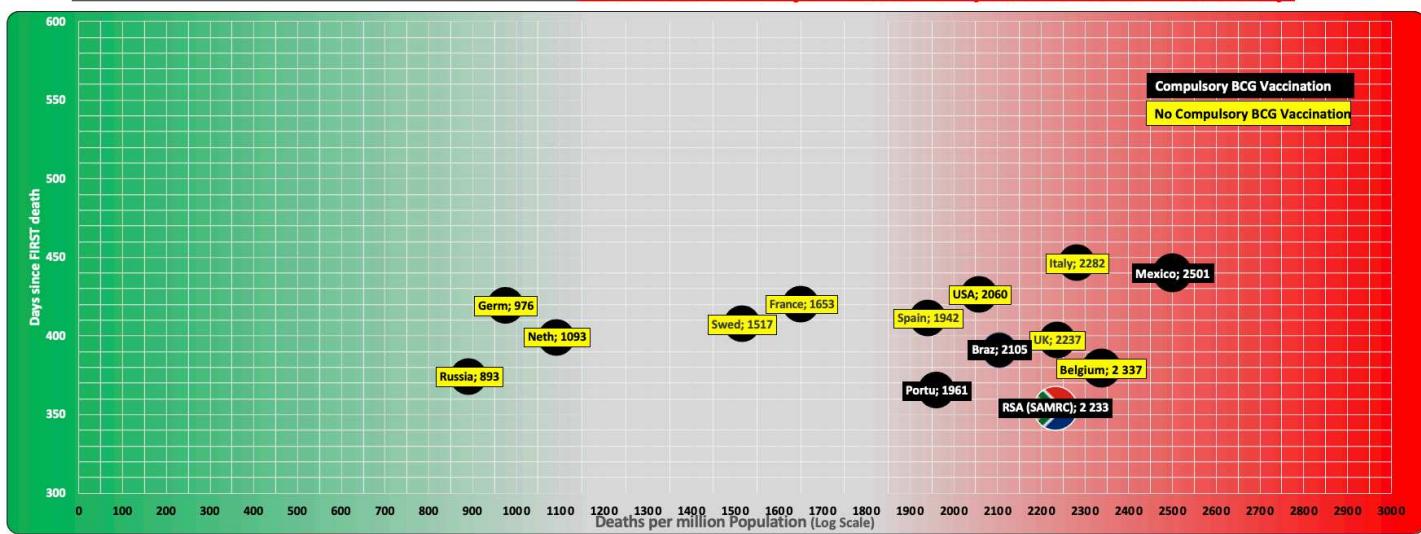
*Adjusted for trend over recent years

Sources: FT analysis of national mortality data, CONASS and Karlinsky & Kobak's World Mortality Dataset. Data updated April 6

FT graphic: John Burn-Murdoch / @jburnmurdoch

© FT

Financial Times Covid Research Unit Excess Deaths per mill PoP (where data available)



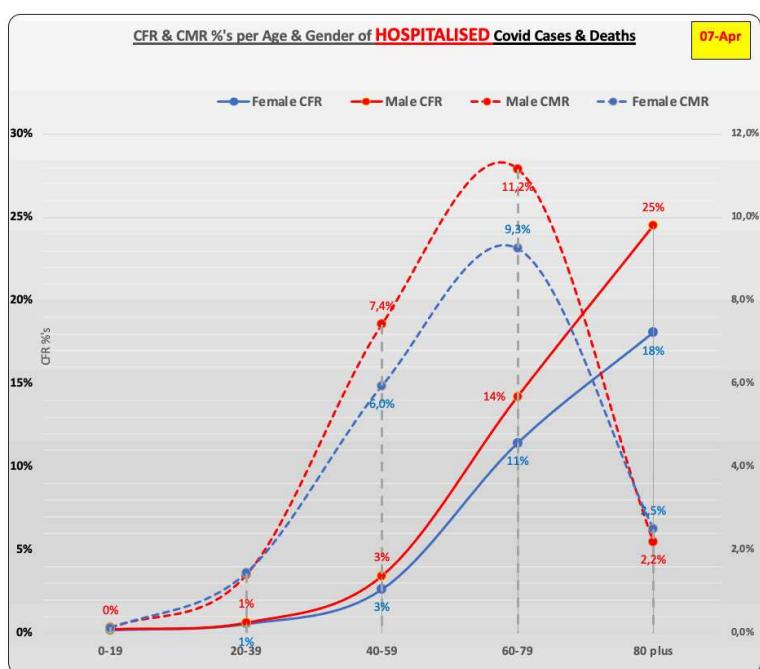
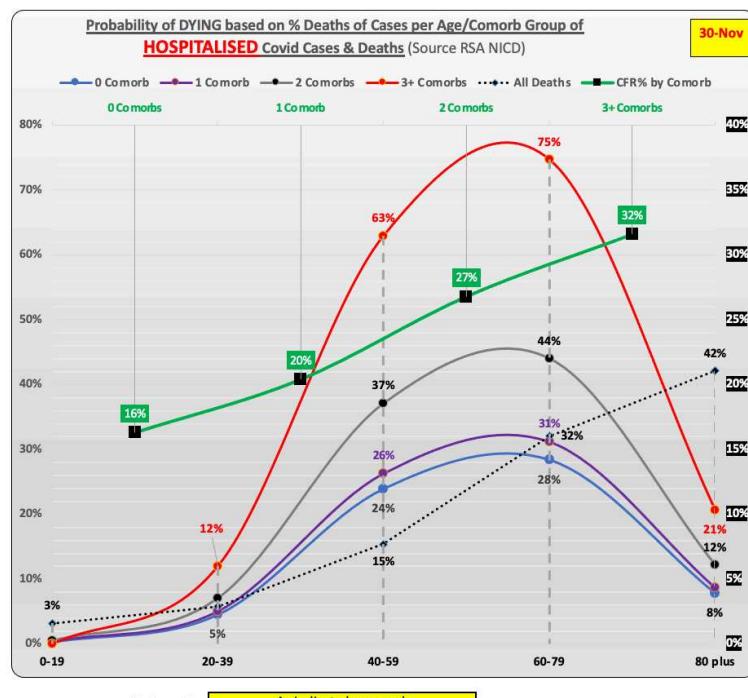
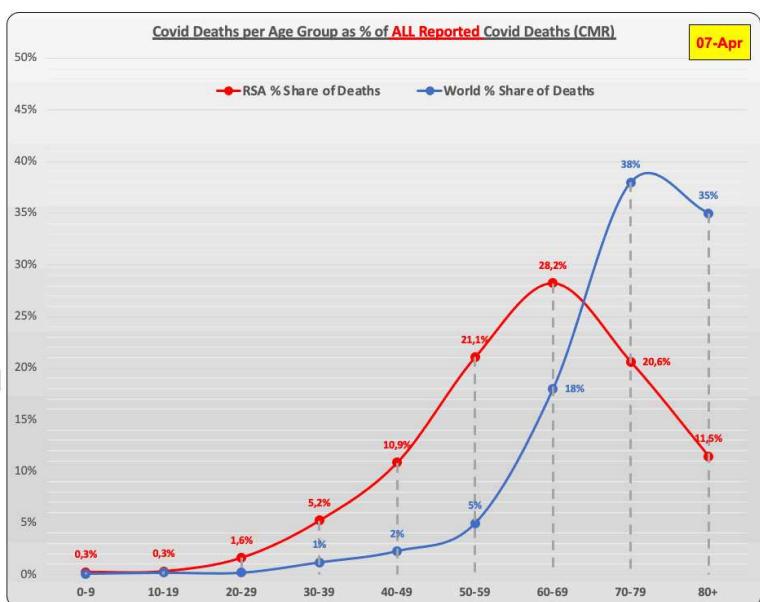
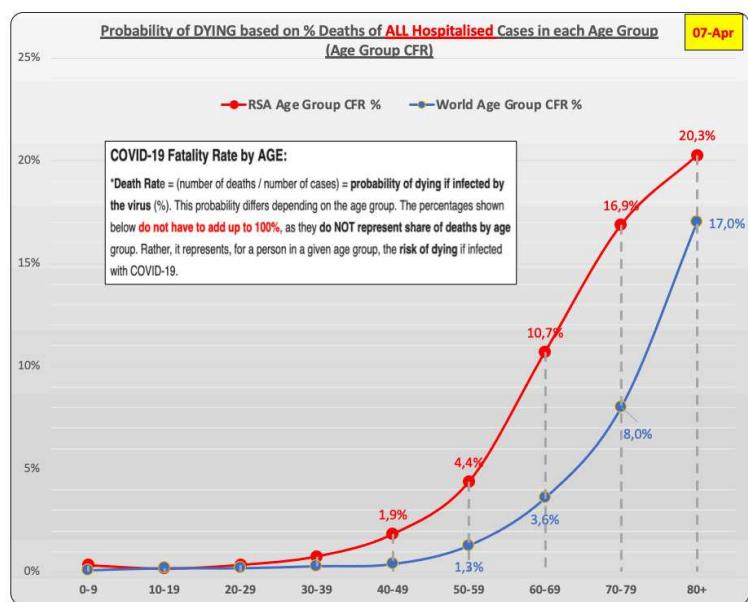
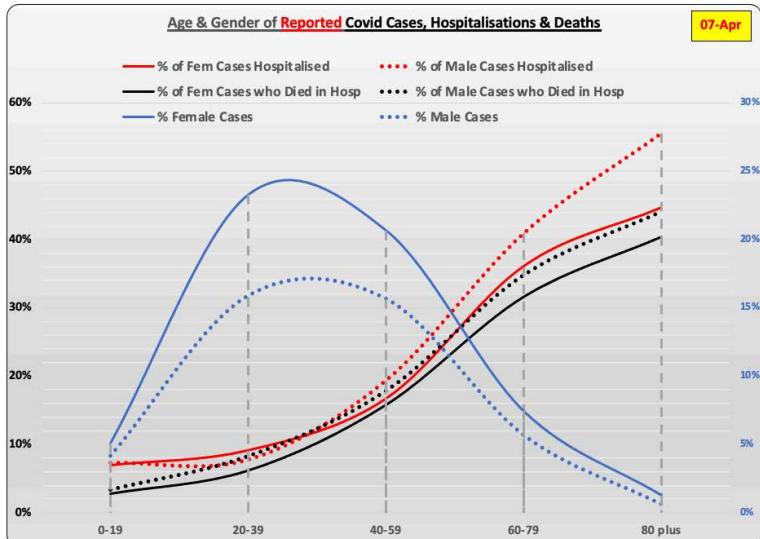
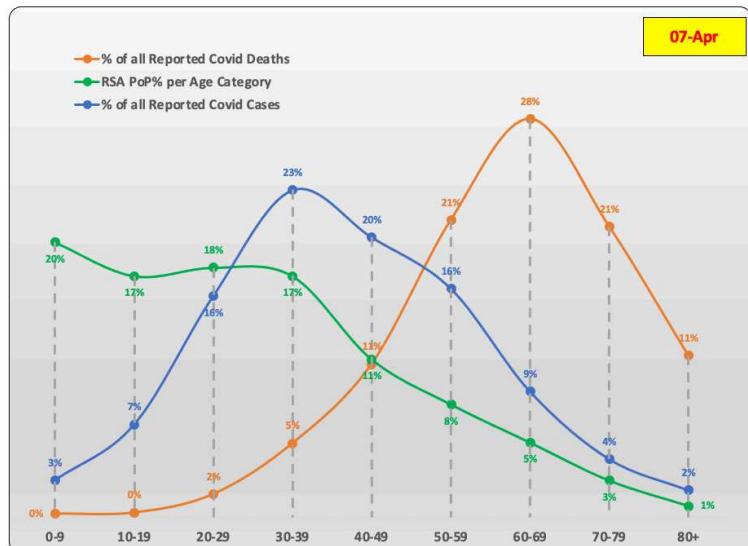
Data as at: Latest Available

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11 April 2021

RSA Age & Gender Stats

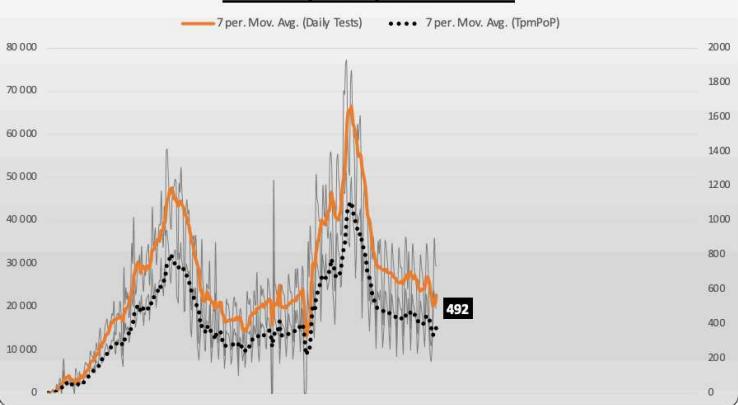
Page 5.2



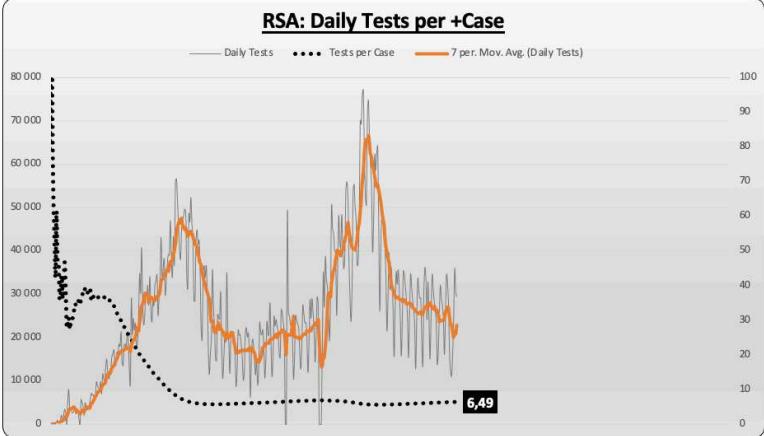
RSA Key Ratios & Comparators (all graphs from Jan 2020)

Page 5.3

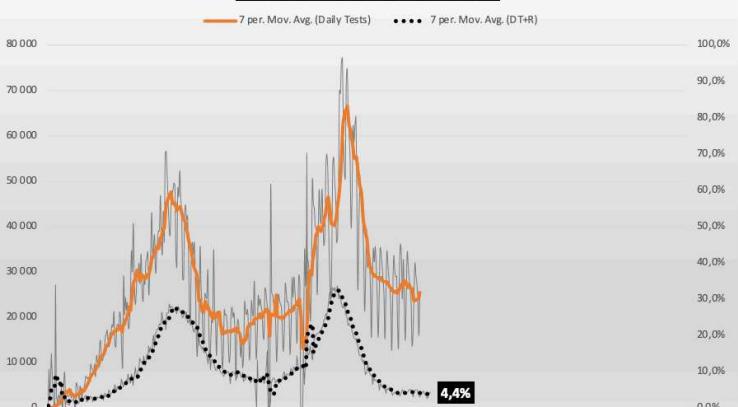
RSA: Daily Tests per million PoP



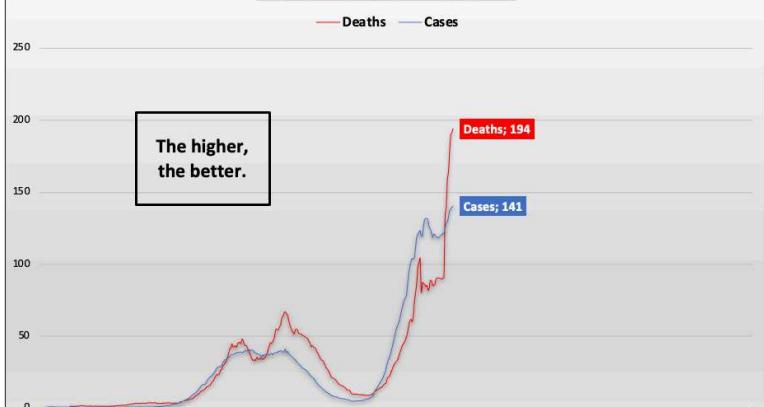
RSA: Daily Tests per +Case



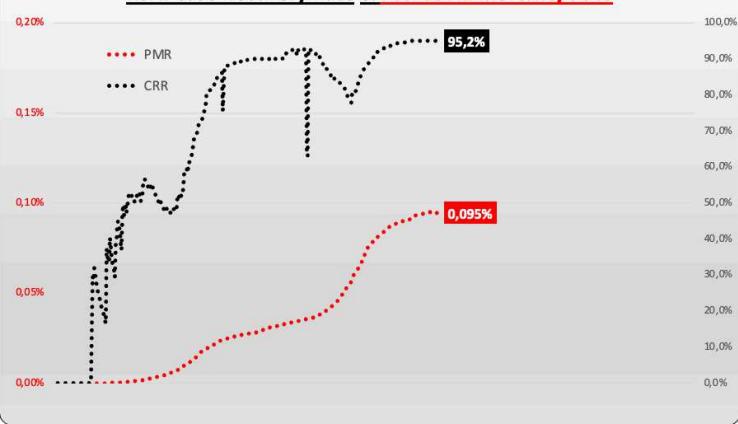
RSA: Daily Tests Positivity %



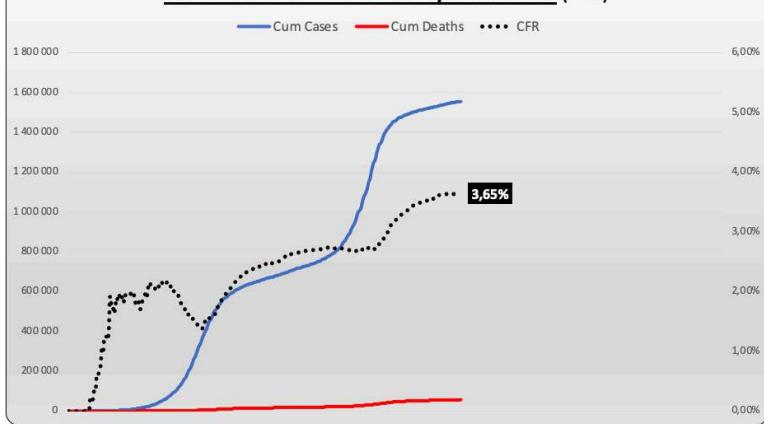
RSA Doubling Times in Days



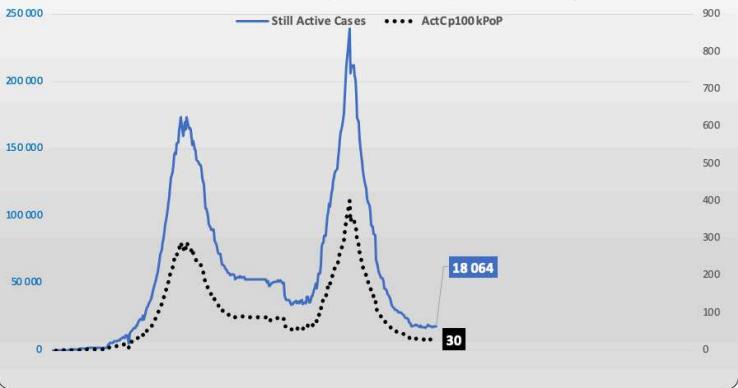
RSA: Case Recovery Rate & PoP Covid Mortality Rate



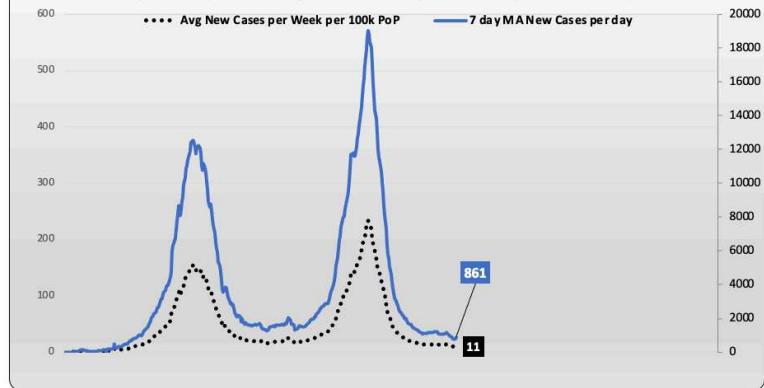
RSA: Covid Deaths as % of Reported Cases (CFR)



RSA: Still Active Reported Cases per 100k PoP



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



Data as at: 10 April 2021

Unless otherwise indicated

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11 April 2021

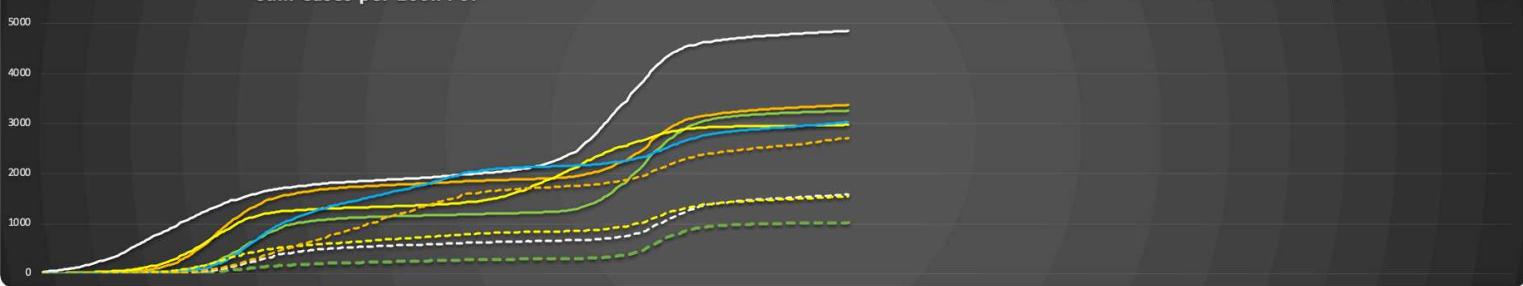
RSA & Provinces Key Data Sets

All linear scales

Page 5.4

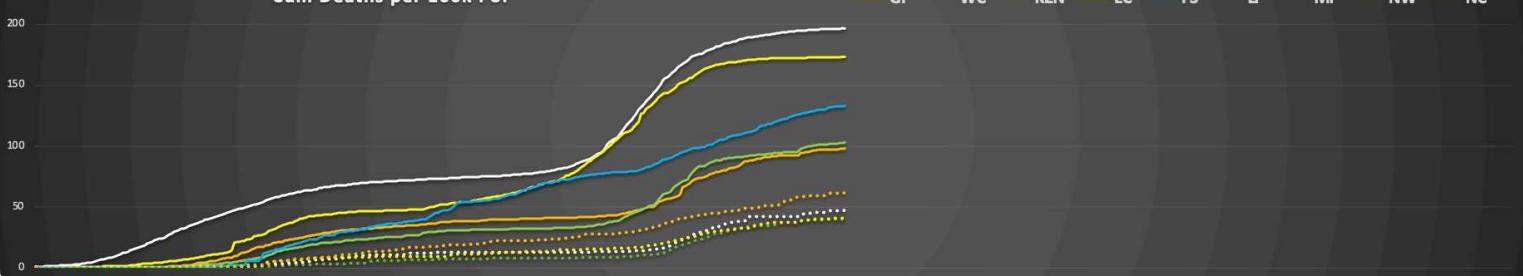
Cum Cases per 100k PoP

GP — WC — KZN — EC — FS — LP — MP — NW — NC



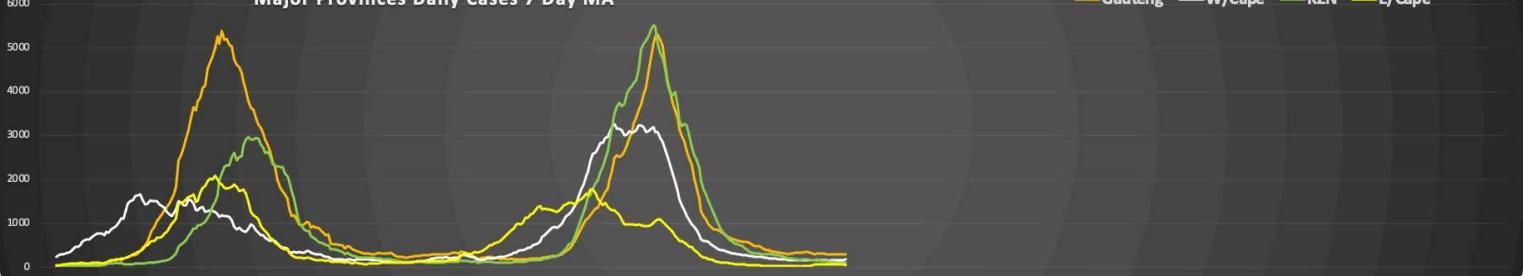
Cum Deaths per 100k PoP

GP — WC — KZN — EC — FS — LP — MP — NW — NC



Major Provinces Daily Cases 7 Day MA

Gauteng — W/Cape — KZN — E/Cape



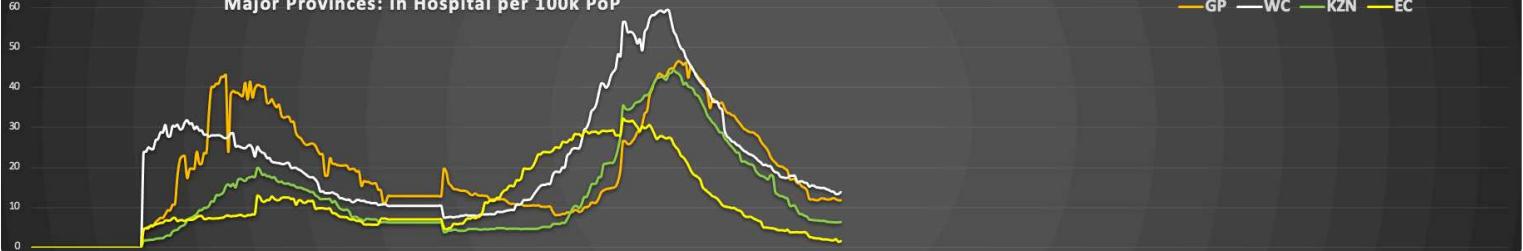
Major Provinces Daily Deaths 7 Day MA

Gauteng — W/Cape — KZN — E/Cape



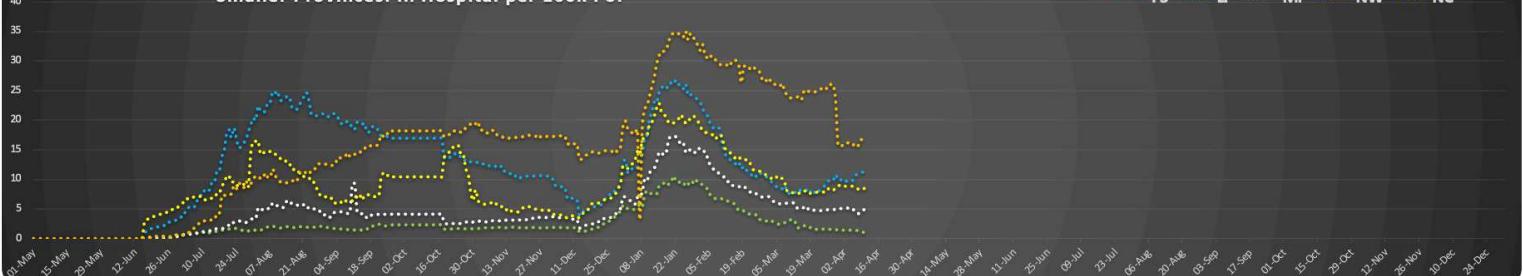
Major Provinces: In Hospital per 100k PoP

GP — WC — KZN — EC



Smaller Provinces: In Hospital per 100k PoP

FS — LP — MP — NW — NC



Data as at:

10 April 2021

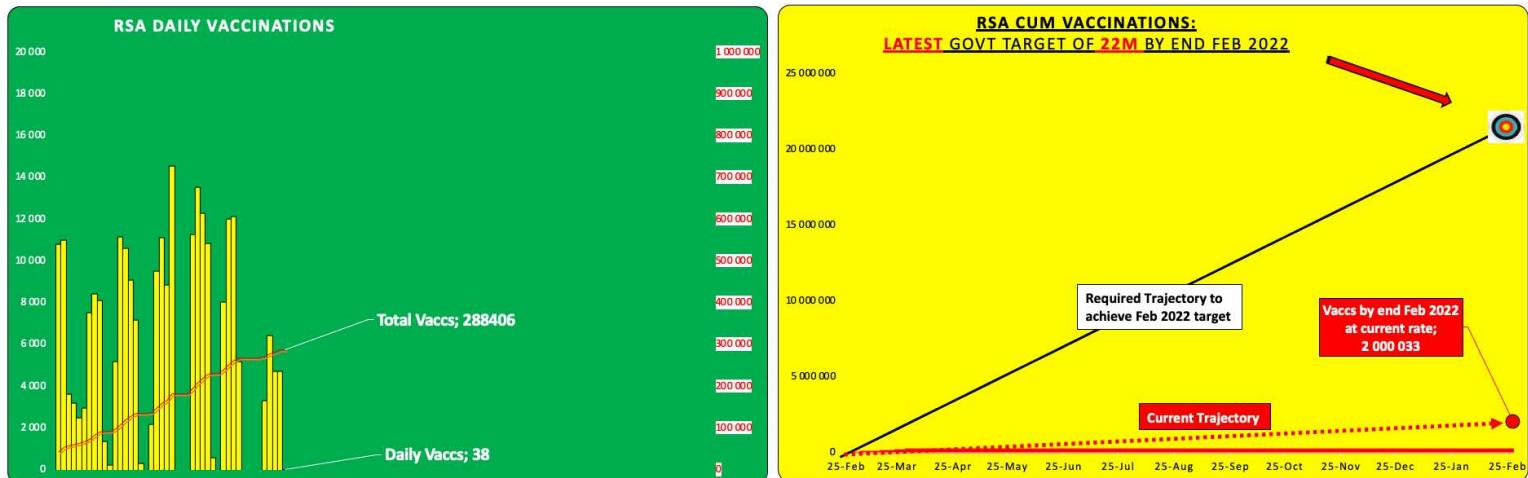
Unless otherwise indicated

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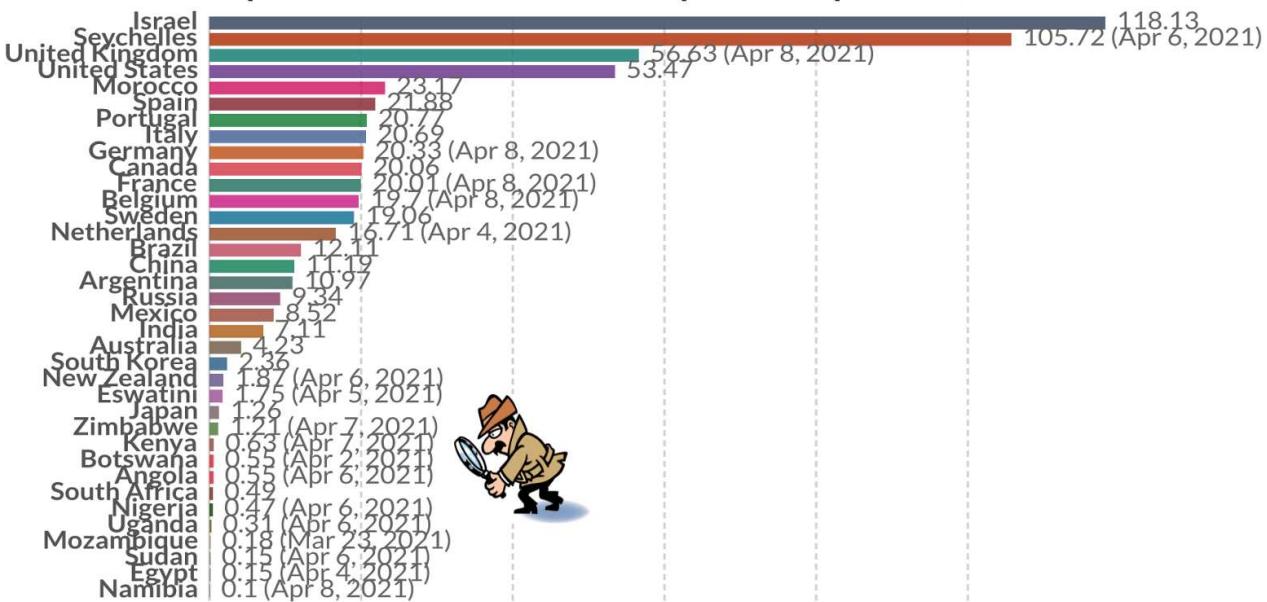
11 April 2021

Vaccination Data

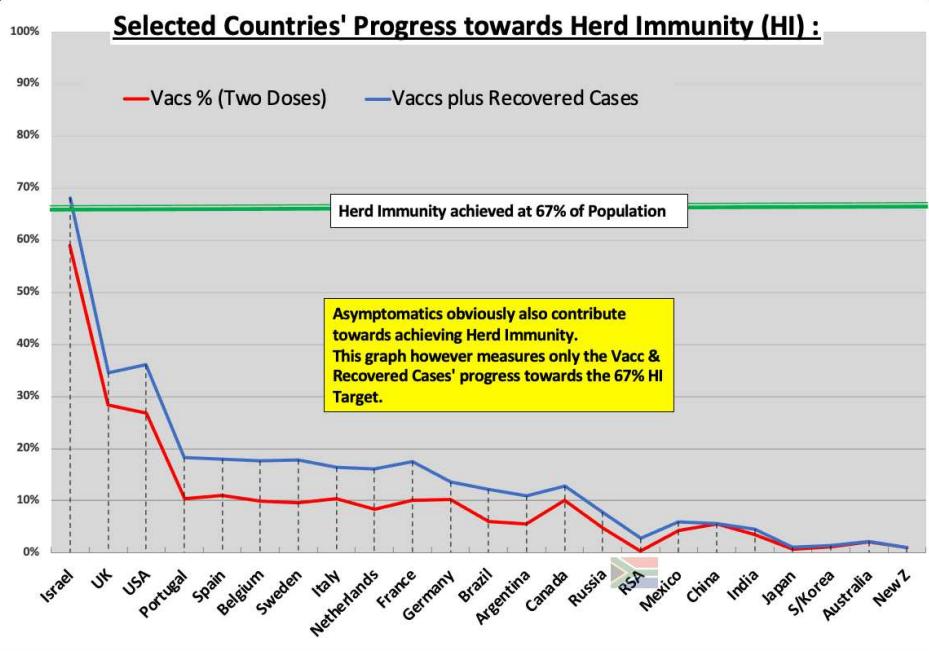
Page 6



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 ?

Vacs to date: 288 406 (single dose) Avg Vacs per day: 6 270

Herd Immunity Target : 22 000 000 approx 67% of RSA adult PoP
Revised down from 35m to 22m on 31 March 2021

9,6 Years



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

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SA's vaccination plan for the next 10 months



Pfizer BioNTech requires two doses



Johnson & Johnson requires one dose



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.

2021

Apr

May

Jun

Jul

Aug

Nov

Dec

Jan

Feb

= Sisonke Trial

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

By July 2021
Minster 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

www.bhekisia.org



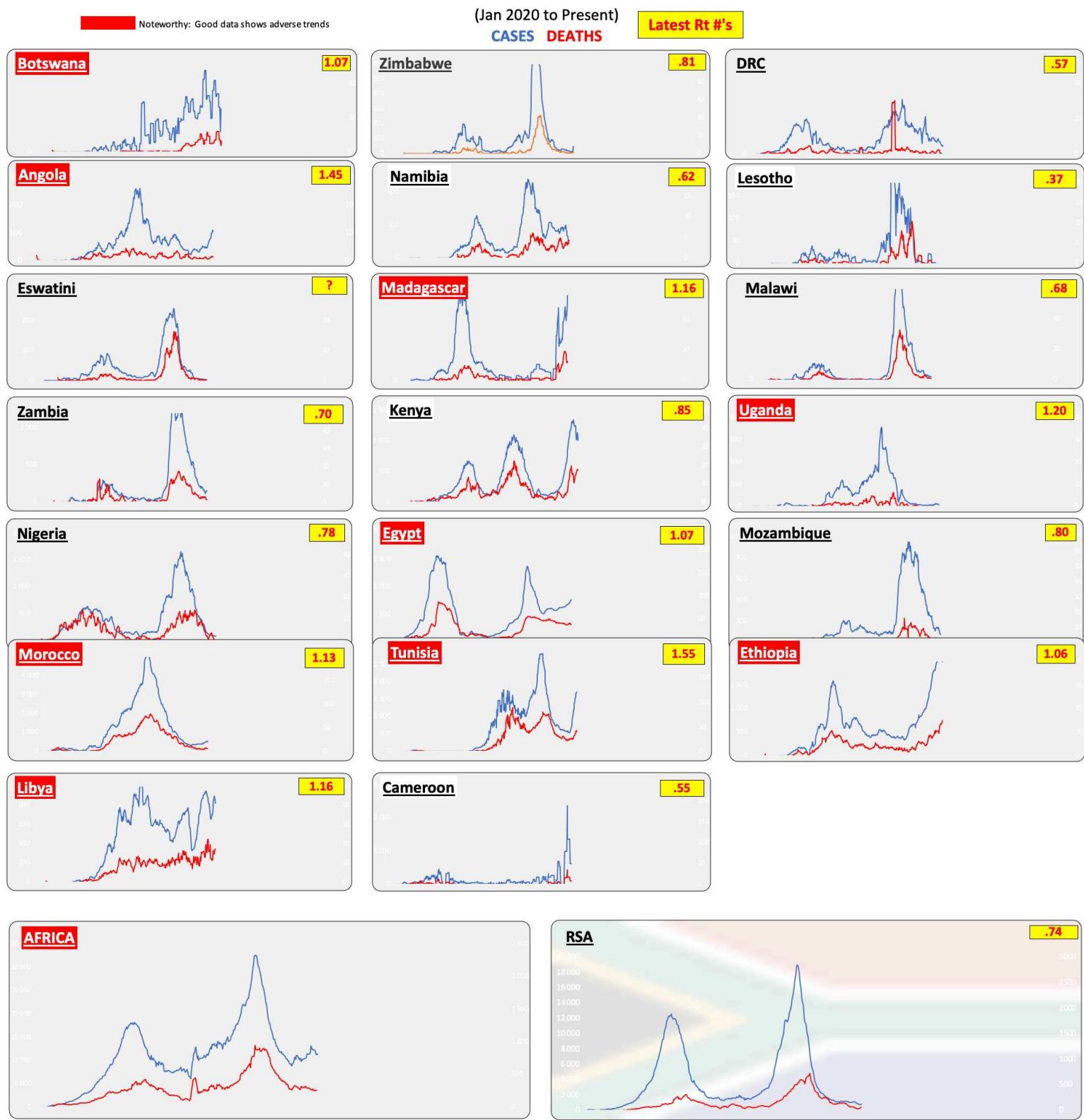
BHEKISISA
CENTRE FOR HEALTH JOURNALISM

Graphic by

Information researched and compiled by Bhekisia and Media Hack. Sources: Department of Health, Discovery Health

Africa Daily Reported New Cases & Deaths 7 Day MA

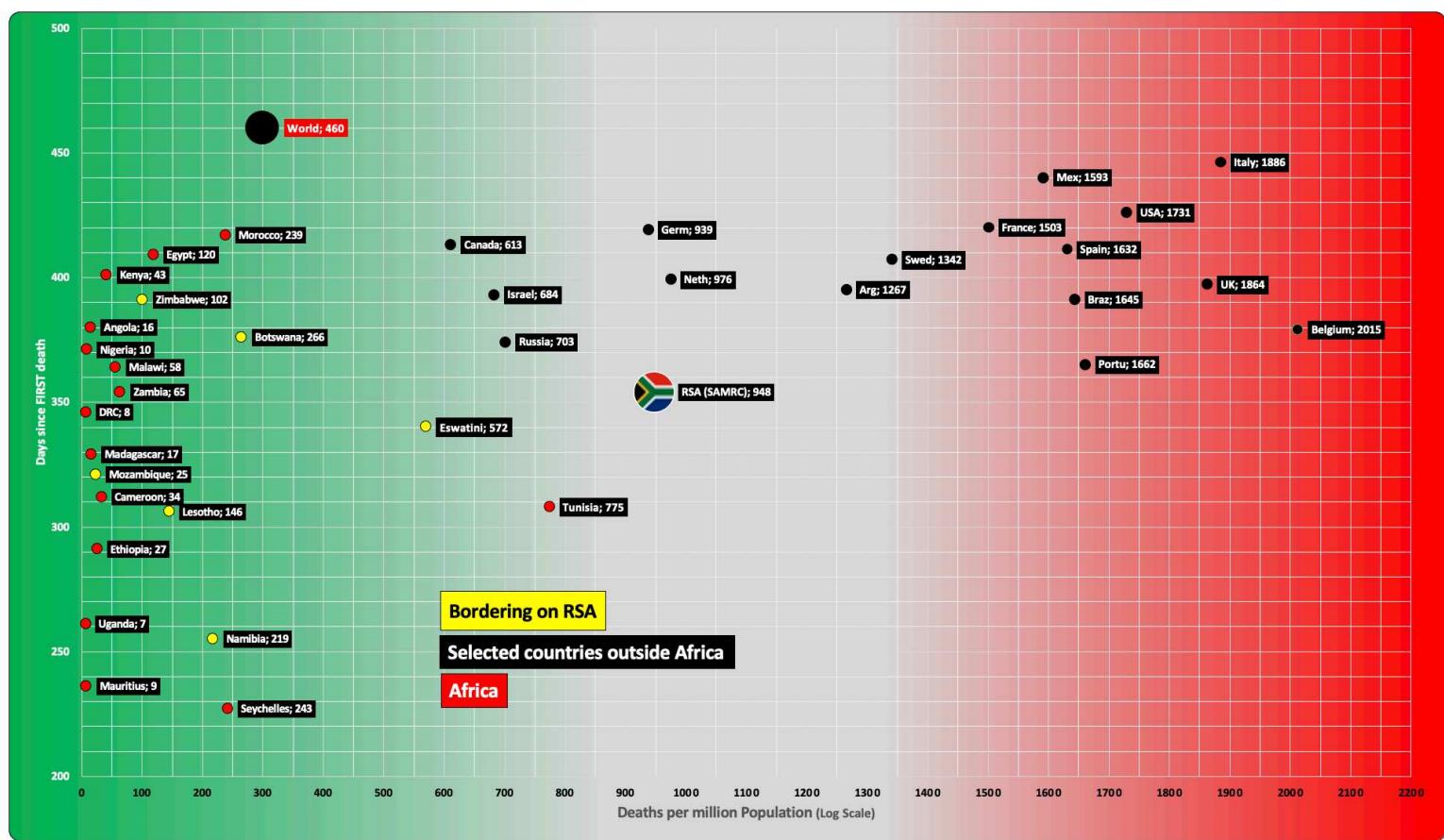
Page 6.2



Data as at: 10 April 2021

Unless otherwise indicated

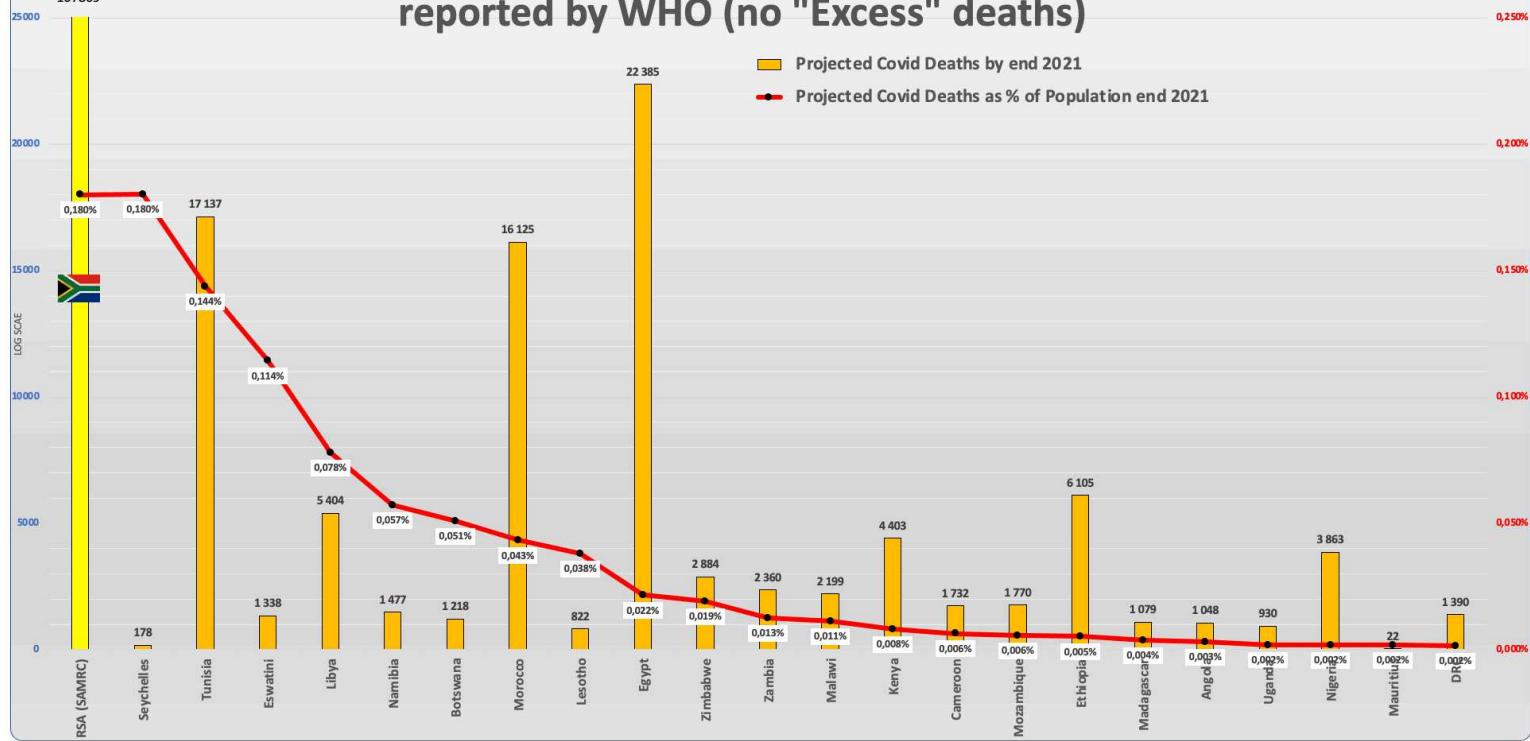
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Projected Deaths by end 2021 per country and % Deaths of Country

Populations at current officially reported Death Numbers as

reported by WHO (no "Excess" deaths)



A smile is the best vaccine....



MATT



*'I feel sick. I blame the
AstraZeneca jab, even
though I haven't had it'*