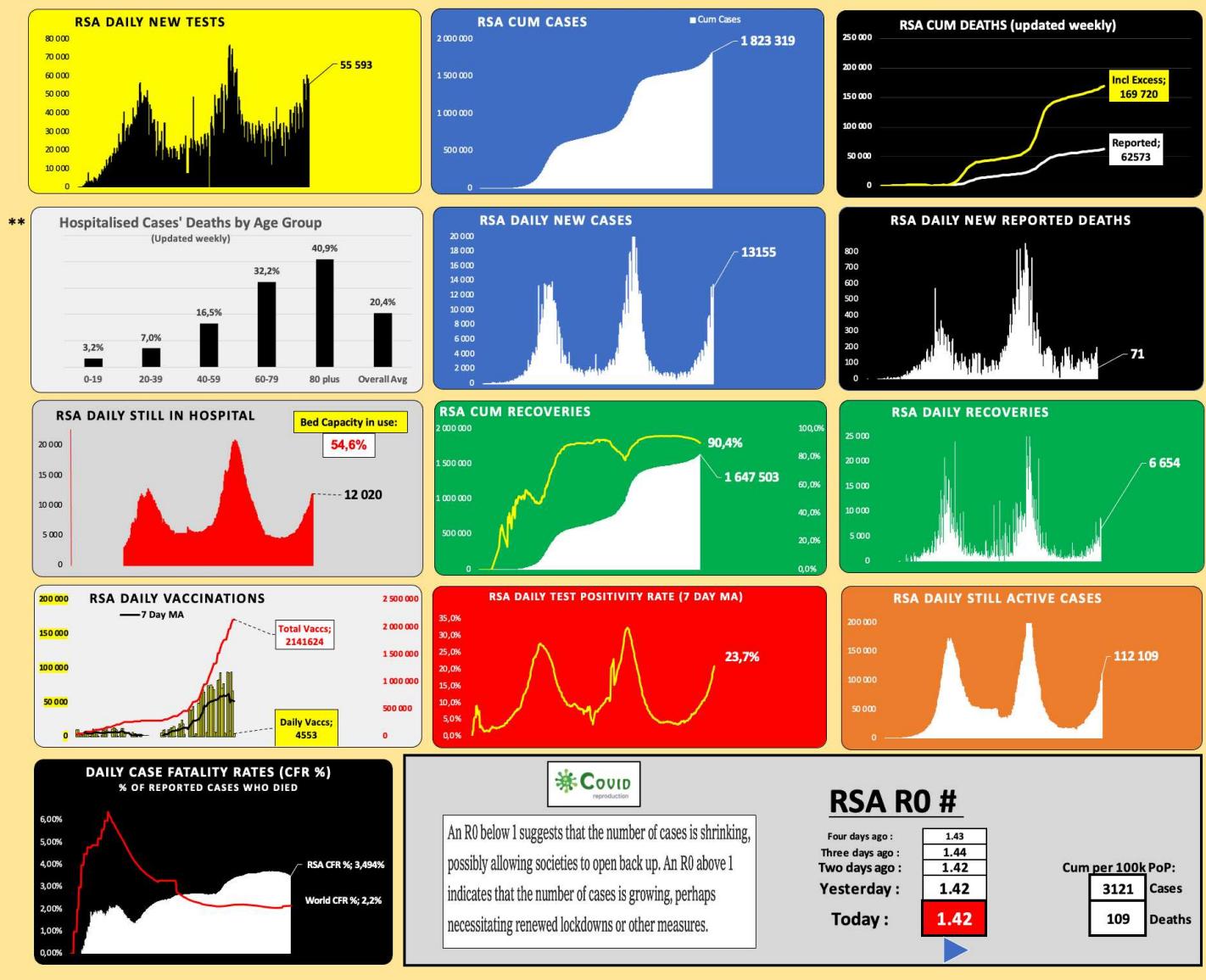


HarryG COVID-19 Dashboard

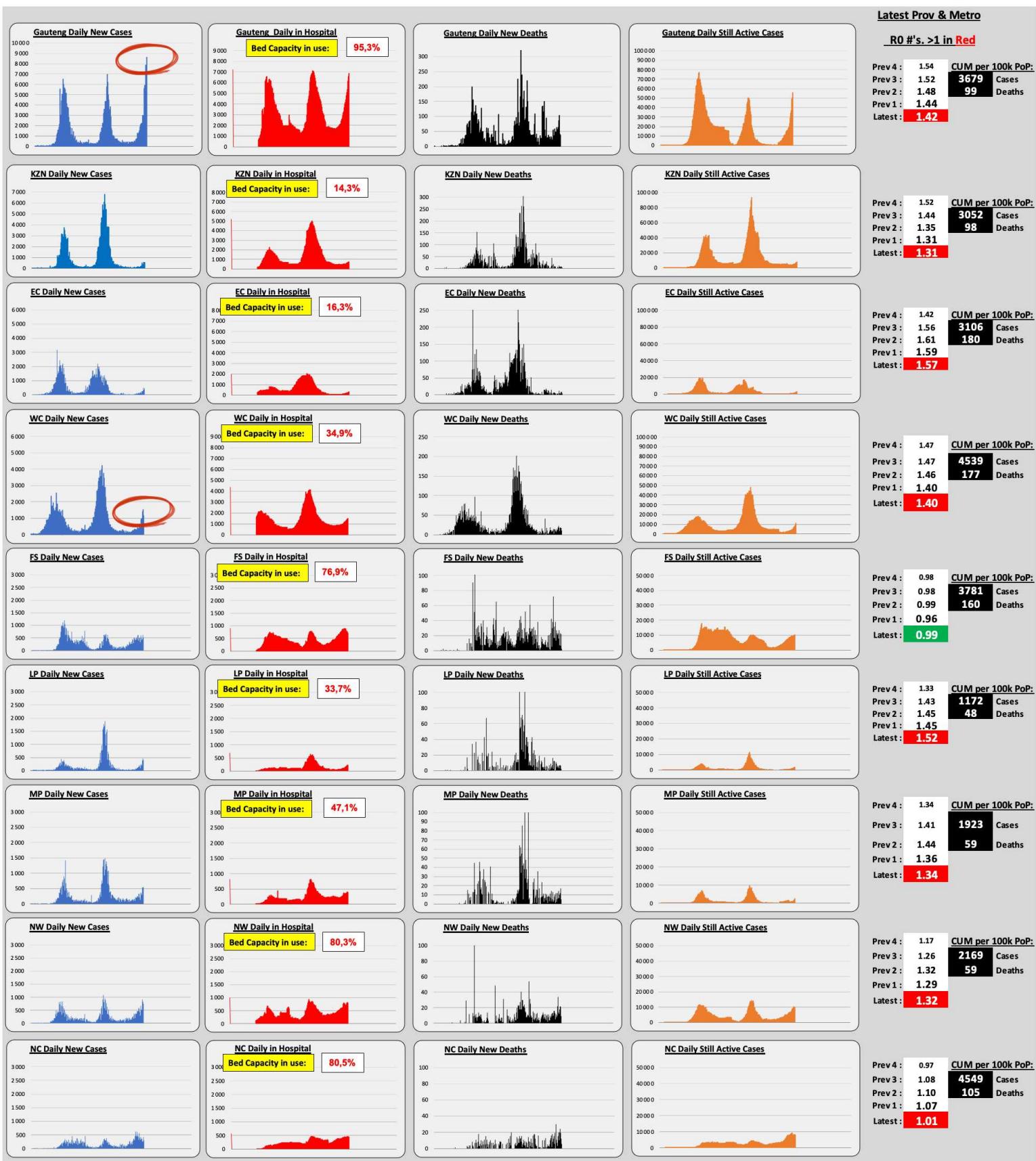
Page 1

Cum Cases		Daily Cases		RSA COVID-19 DASHBOARD	Daily Still in Hospital 12020 ▲	Case Fatality Rates (CFR): Reported Cases Hospital Cases		Vaccinations:		Time to achieve Govt Target of 41m vaccs
1 823 319	13 155	▼	3,49%	20,30%	Daily Avg	18 304	▼	6,05 Yrs		
Still Active +Cases	Cum Cases p mill PoP	Cum Deaths p mill PoP	% of RSA PoP who have died :							
112 109 ▲	30 451	1064	Reported Deaths Incl Excess Deaths	0,106% 0,283%	7 Day MA Vaccs pd	52 562	▼	2,11 Yrs		
Deaths Ages Avg Median	Deaths Min Age	Deaths Max Age	Cum Deaths	Daily	% of Hospitalised Covid cases who have DIED (updated weekly):		Total Vaccs to date:	2 141 624		
62,5	58,2	0,2	63 707	71	Age 20-59 Age 60plus	13,3% 33,6%	Cum Tests	Daily Tests		
Female : Male :	57,5% 42,5%	52,2% 47,8%	3,02% 3,74%	55,5% 44,5%	See bar chart below for detailed breakdown **	16-Jun	12 549 484	55 593	Daily Test Positivity Rate:	23,7%



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

Page 1.1



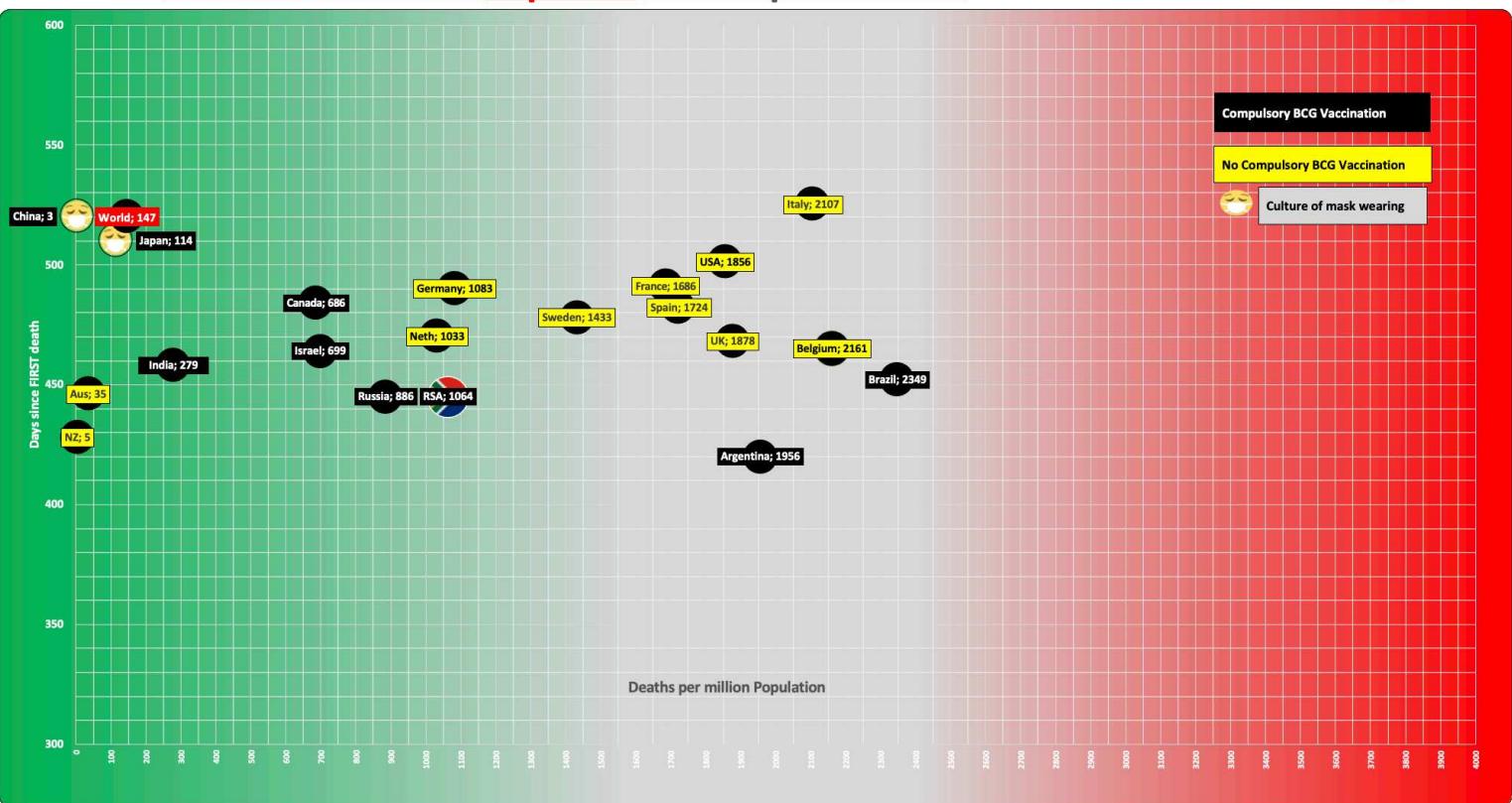
Data as at: 20 June 2021

Unless otherwise indicated

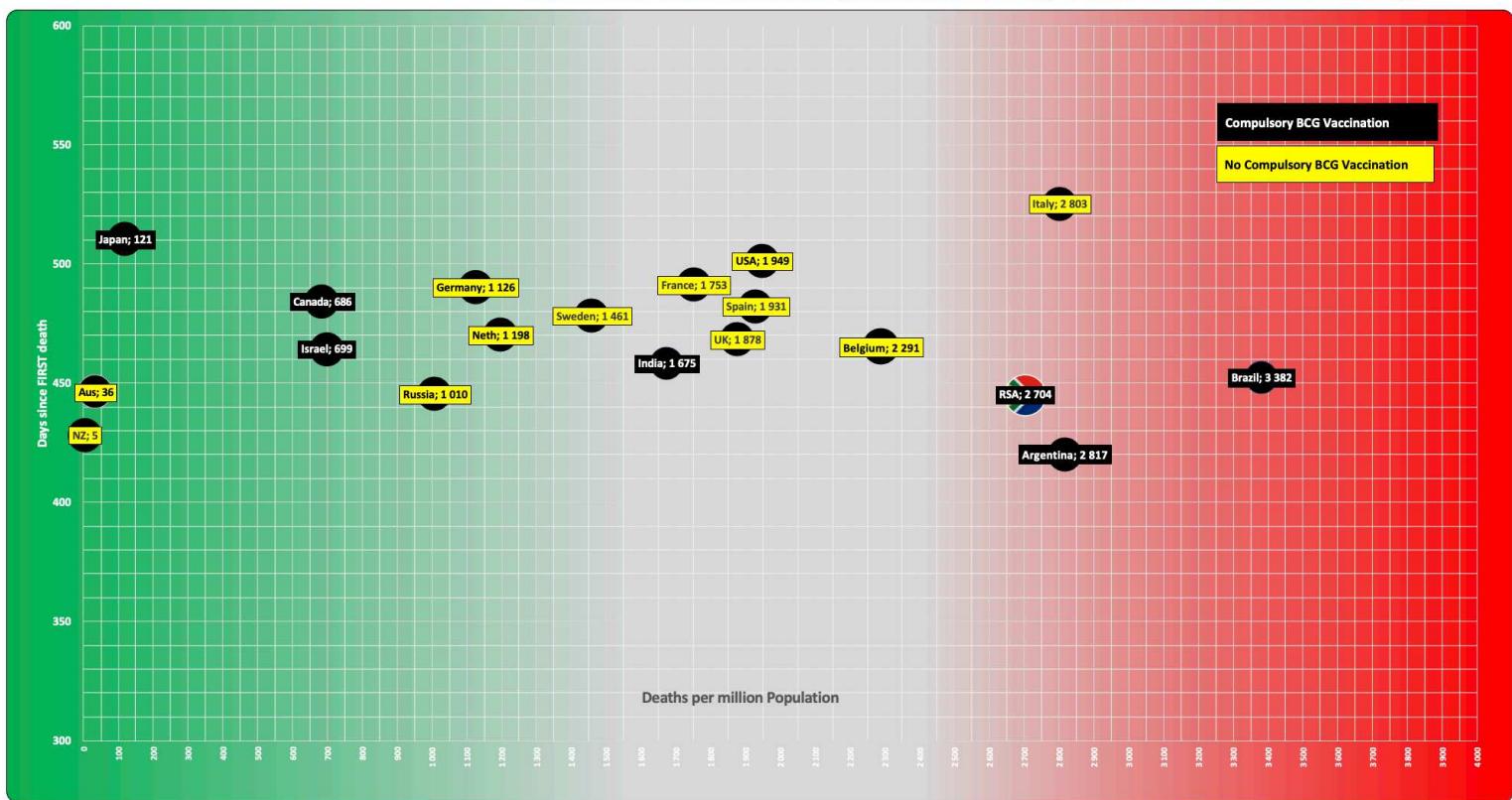
hdg 21 June 2021

Selected Countries' Reported Deaths per mill PoP

Page 2

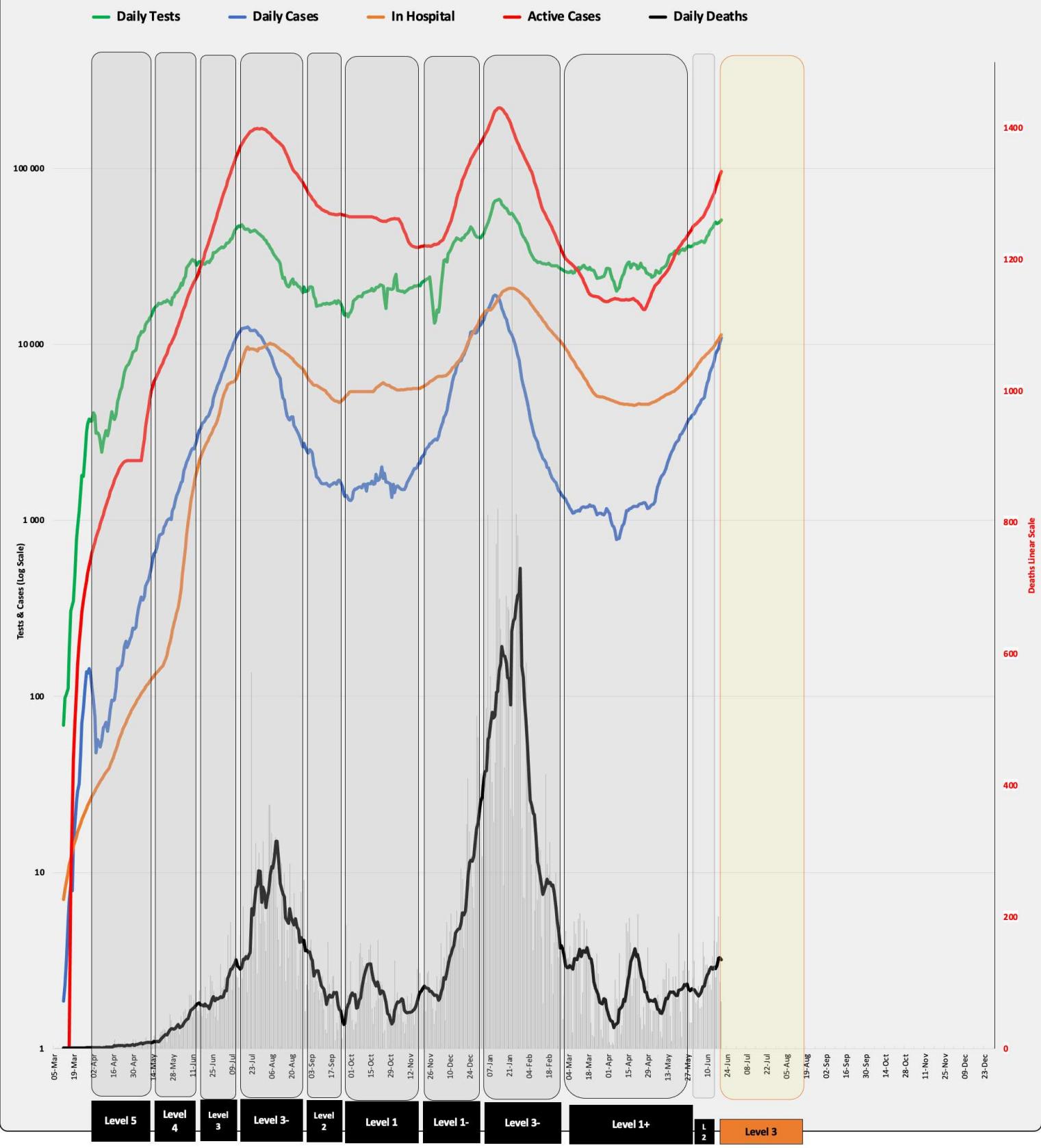


Selected Countries' Deaths incl Excess Deaths per mill PoP (where data available)



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

Page 2.1



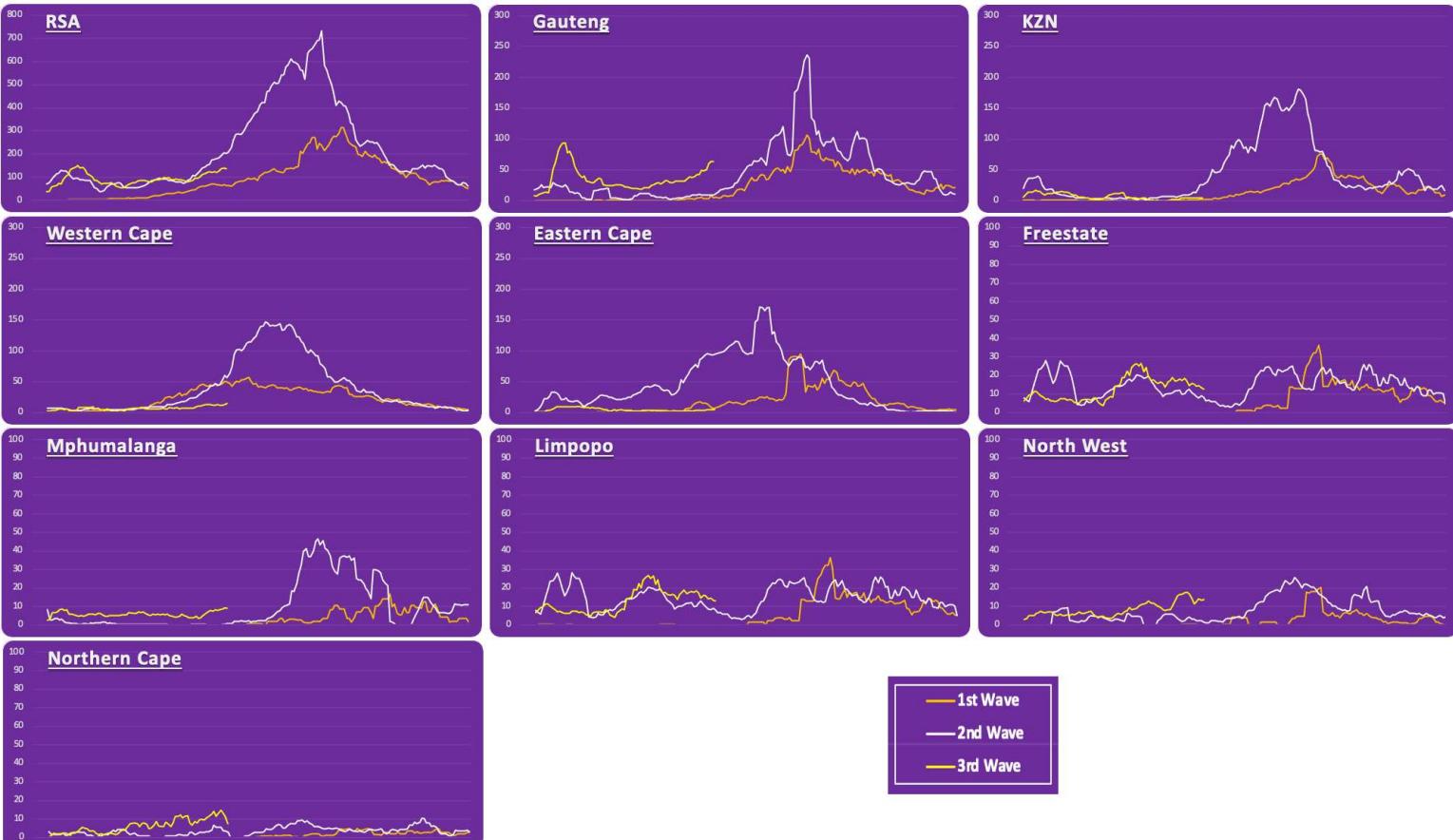
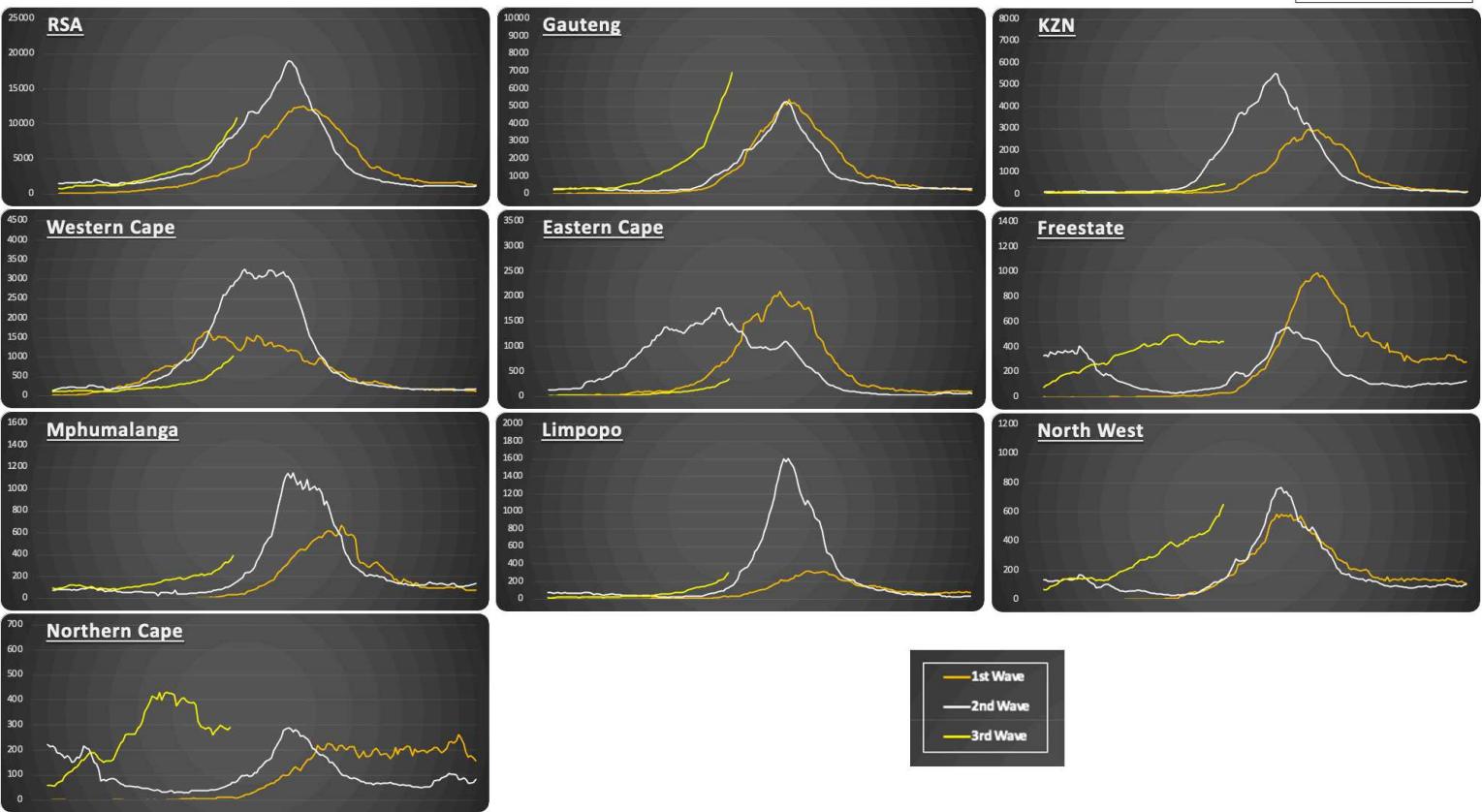
Data as at: 20 June 2021

Unless otherwise indicated

hdg 21 June 2021

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

Page 2.2

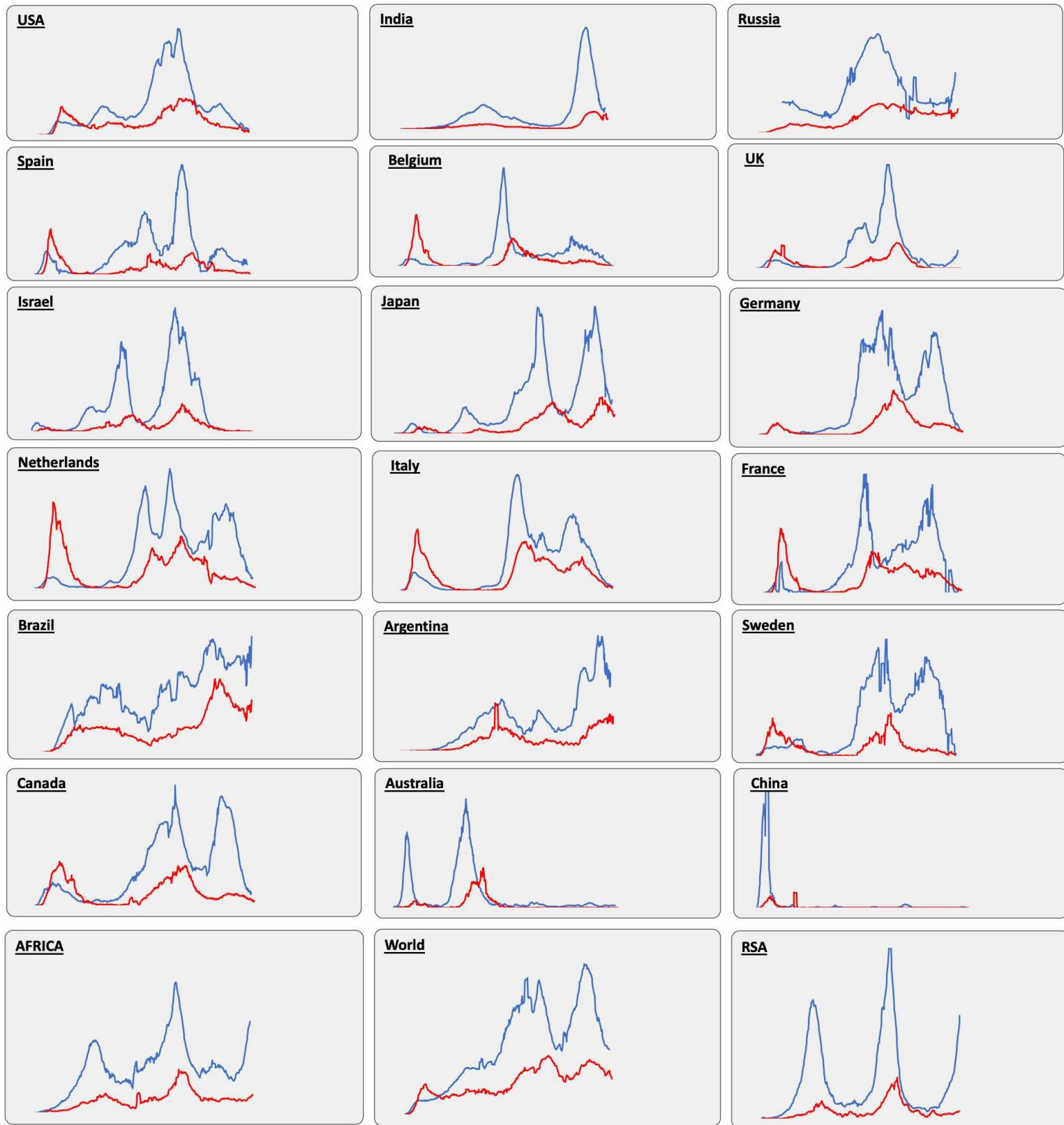


World Daily Reported New Cases & New Deaths
 (Two linear vertical axes, not proportional)

Daily Deaths 7 Day MA

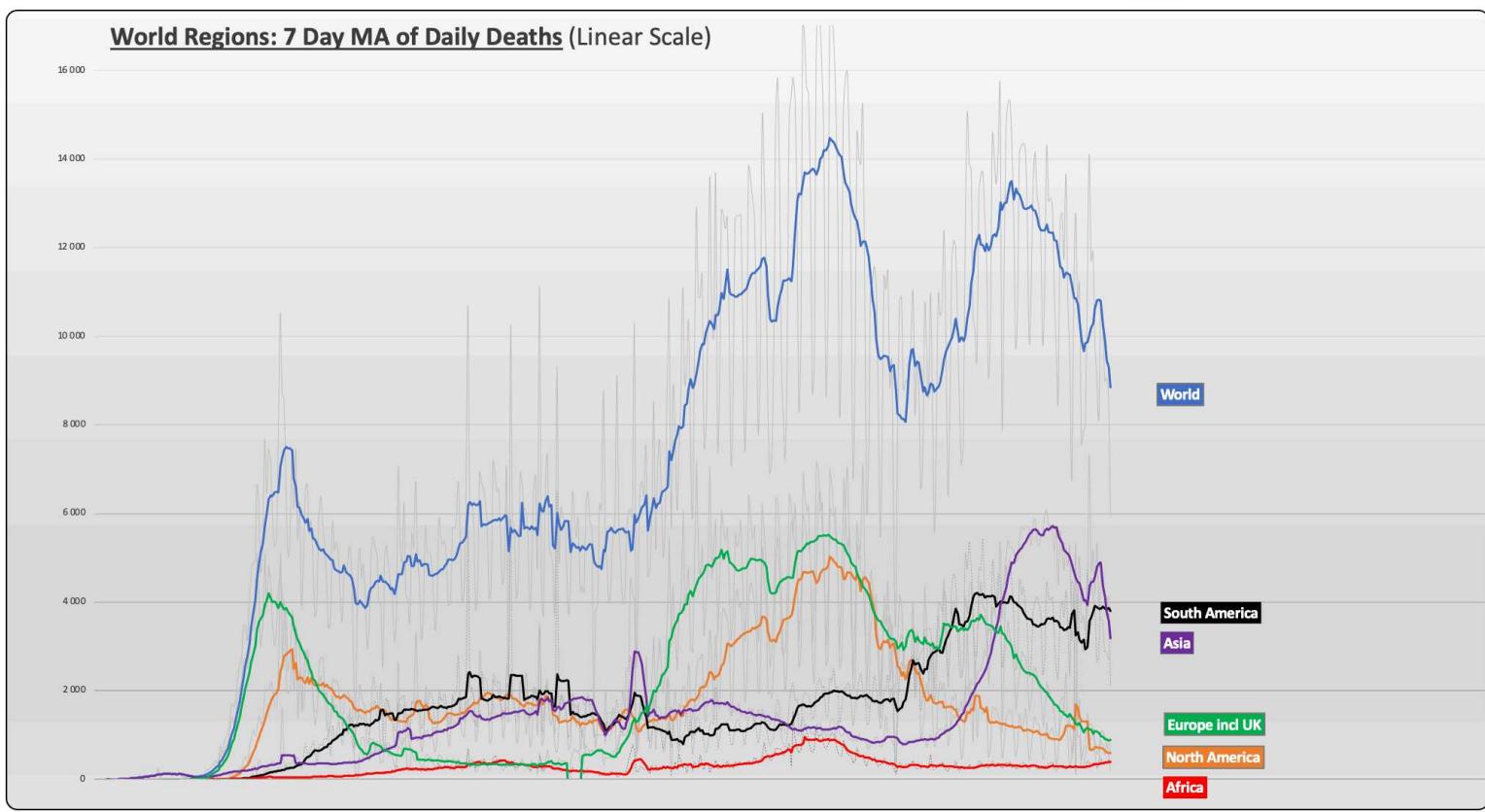
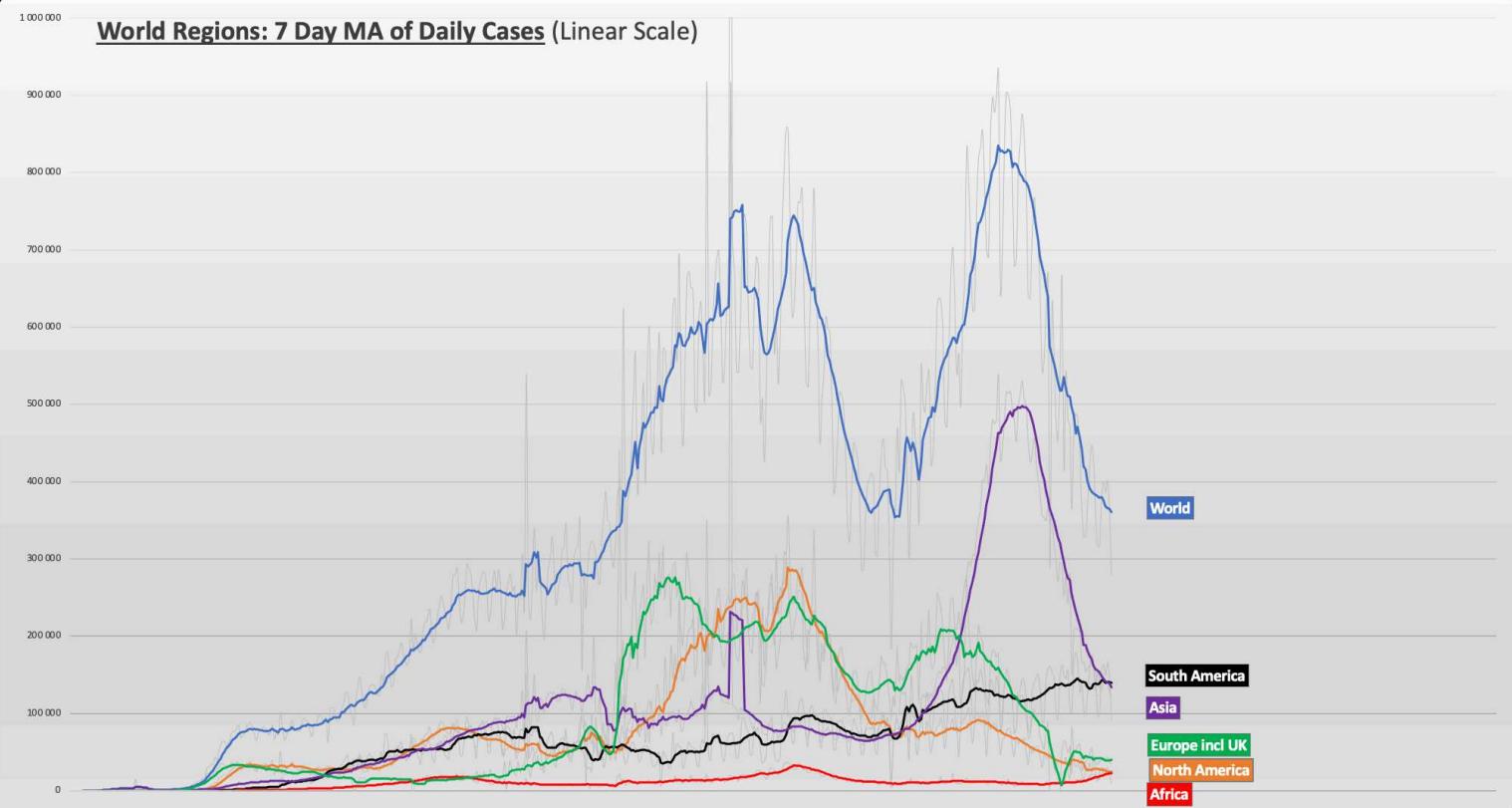
Daily Cases 7 Day MA

Page 2.3



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

Page 3.0

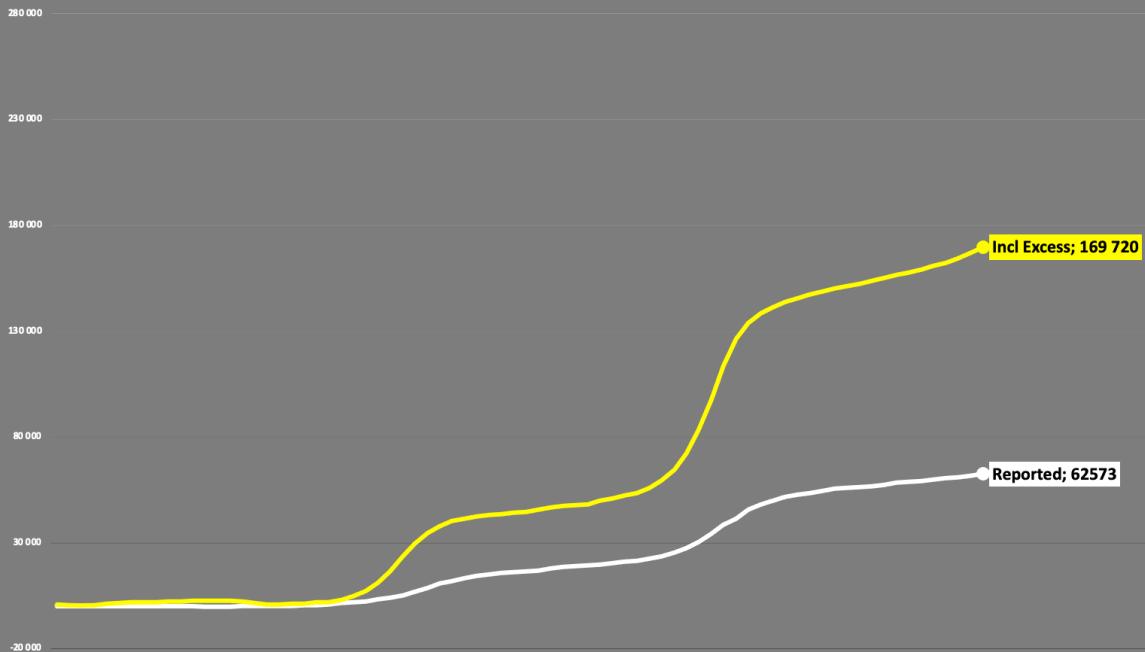


RSA Cum & Projected Deaths (Reported & Incl Excess)

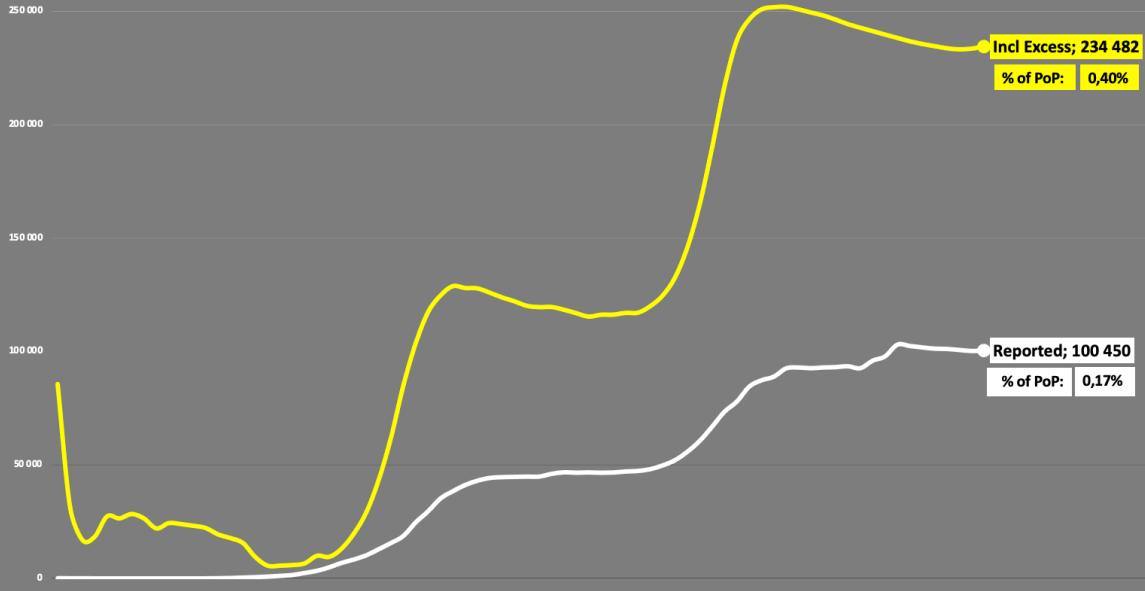
As at : **12 June 2021**

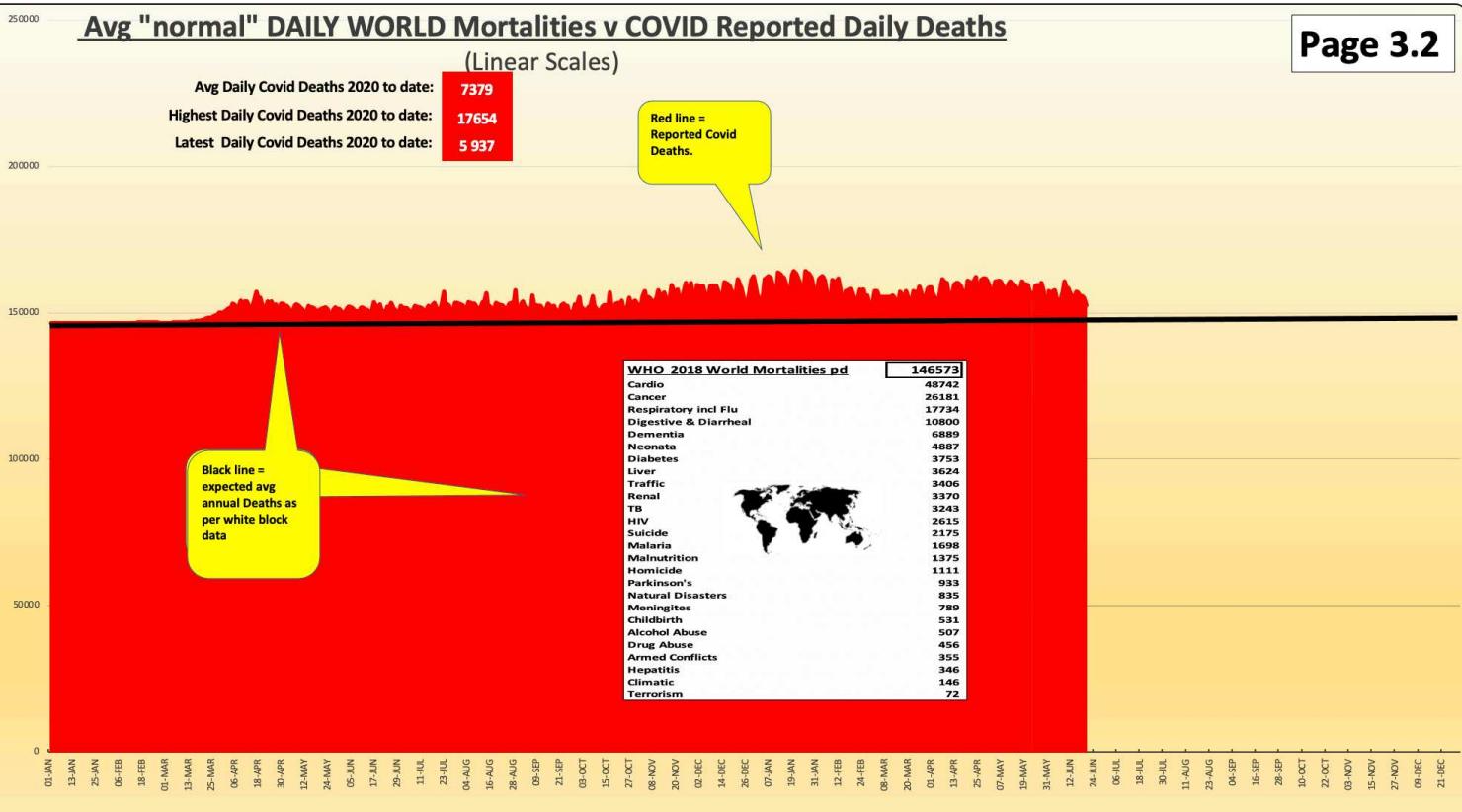
Page 3.1

RSA CUM DEATHS (updated weekly) Assuming 90% of Excess Deaths are Covid related.



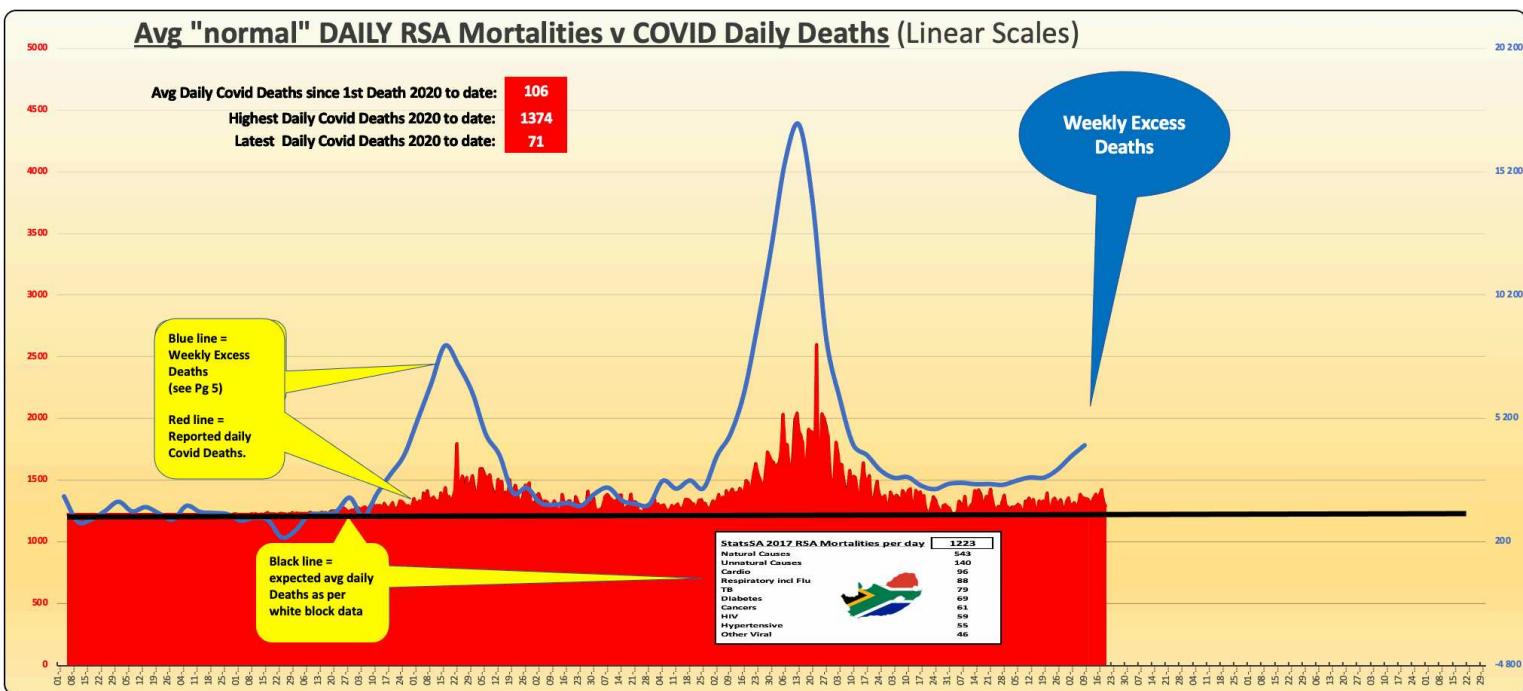
RSA CUM DEATHS PROJECTED TO end 2021 (updated weekly) Assuming 90% of Excess Deaths are Covid related.





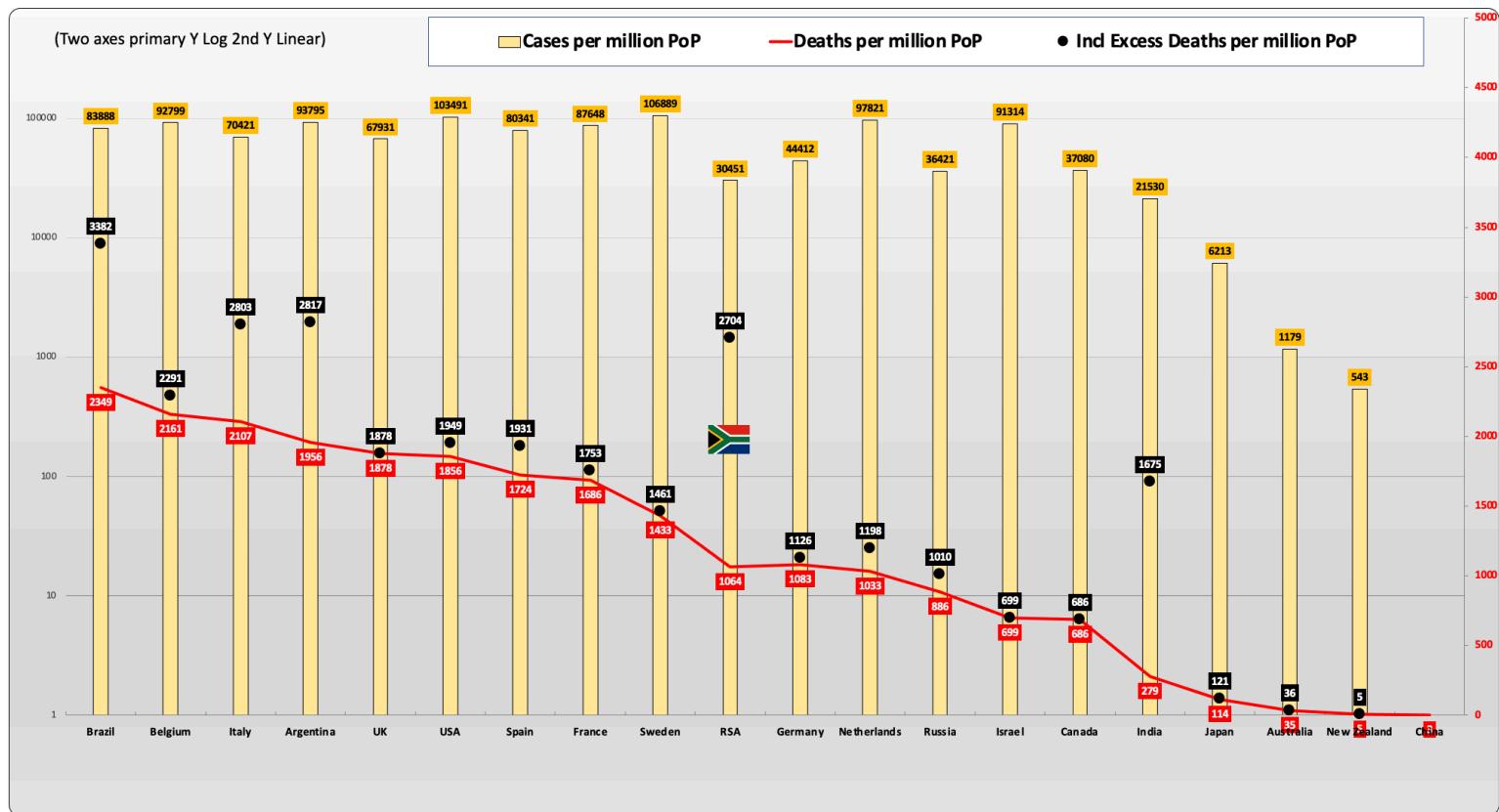
The two graphs WORLD (above) and RSA (below) attempt to put the number of Covid Deaths into some sort of perspective graphically.
The big RED blocks below the black lines are TOTAL Daily Avg Deaths from ALL causes.

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.

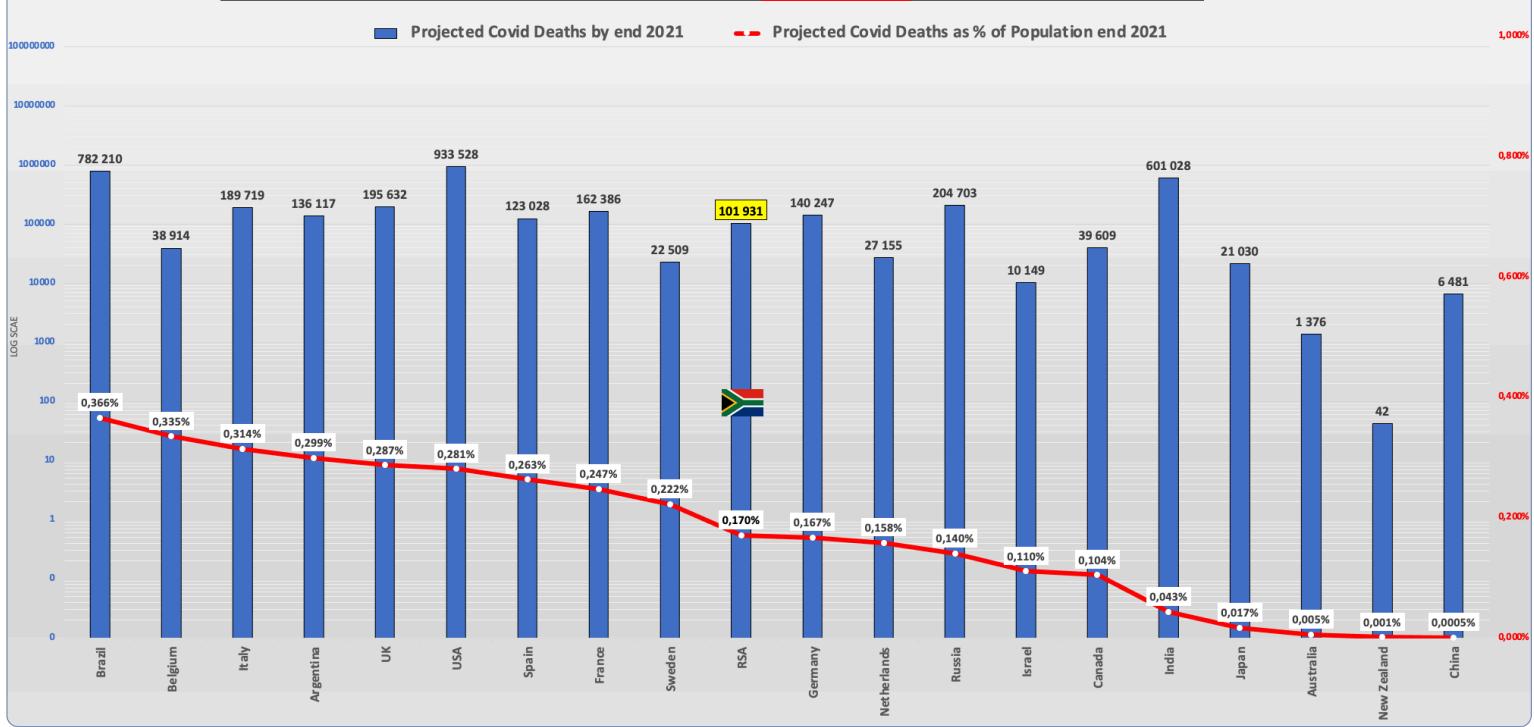


Selected Countries' Current Reported Cases, Reported Deaths & Excess Deaths

Page 4



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



Data as at: 20 June 2021

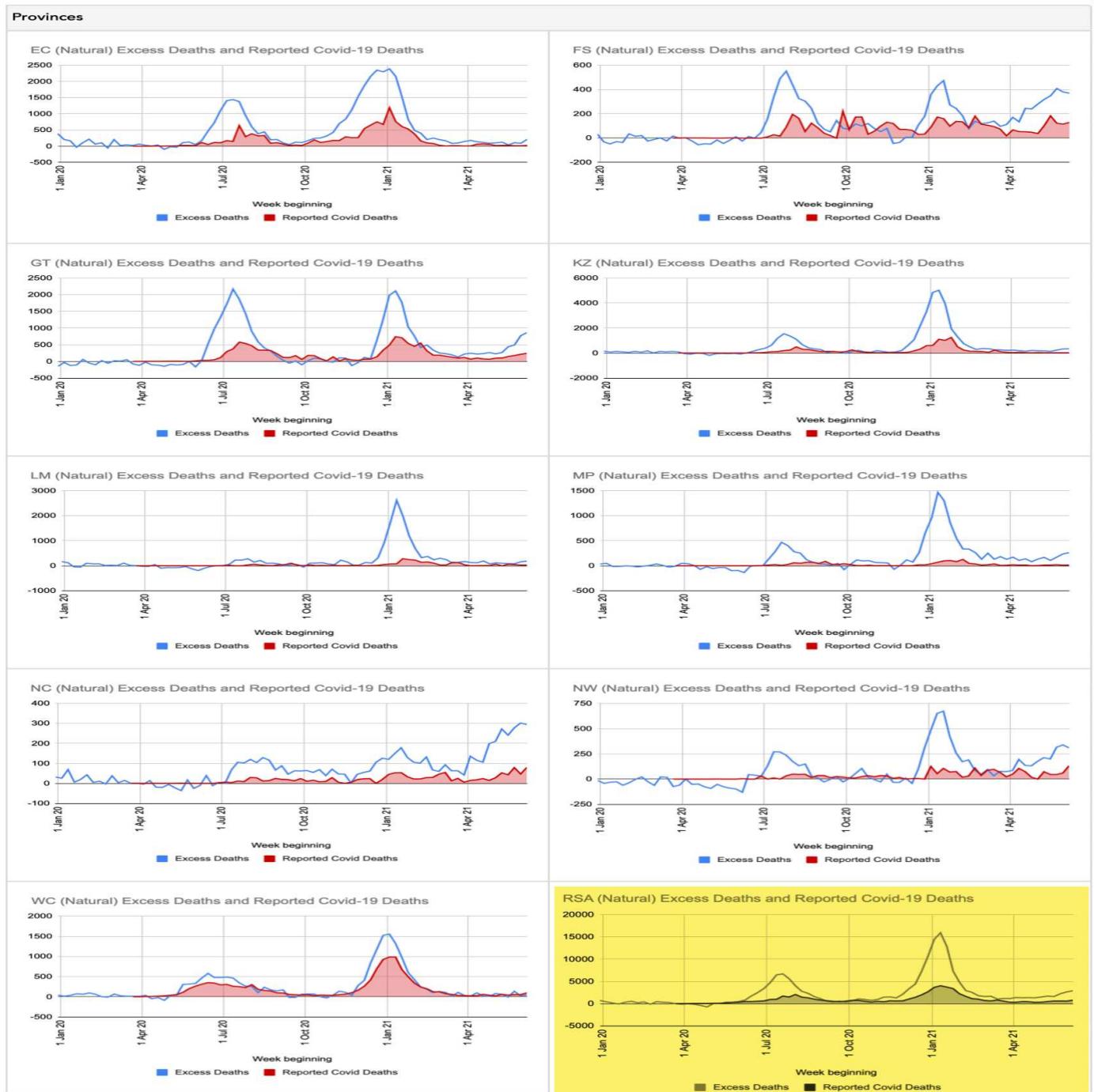
Unless otherwise indicated

hdg 21 June 2021

RSA Excess Deaths as per SA Medical Research Council

as at: **12 June 2021**

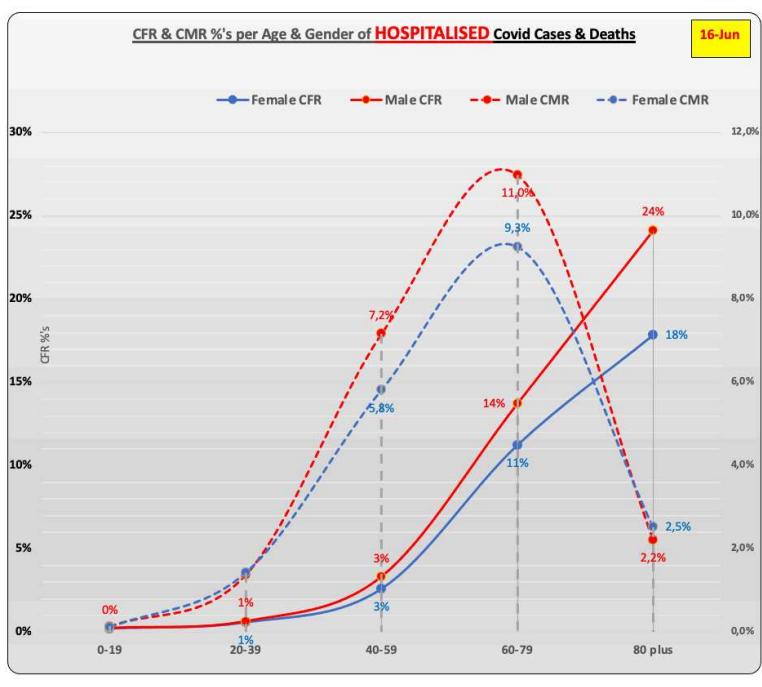
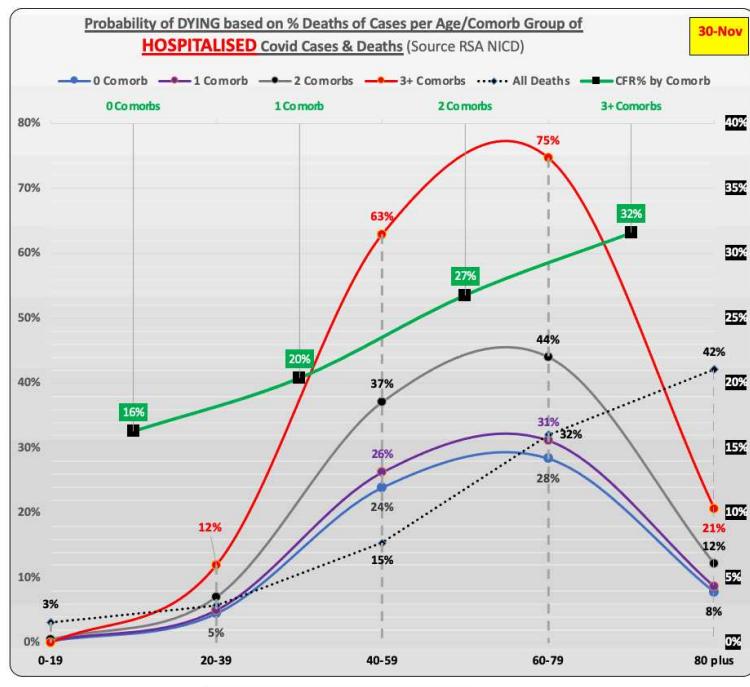
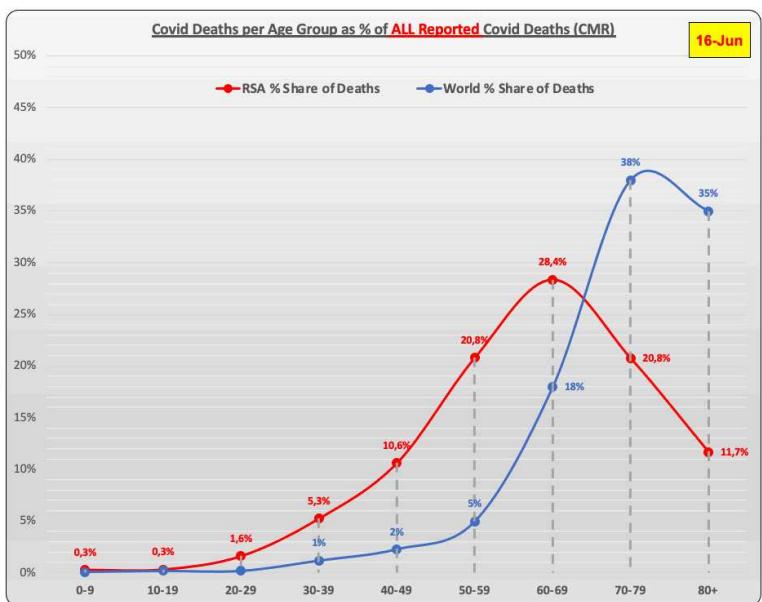
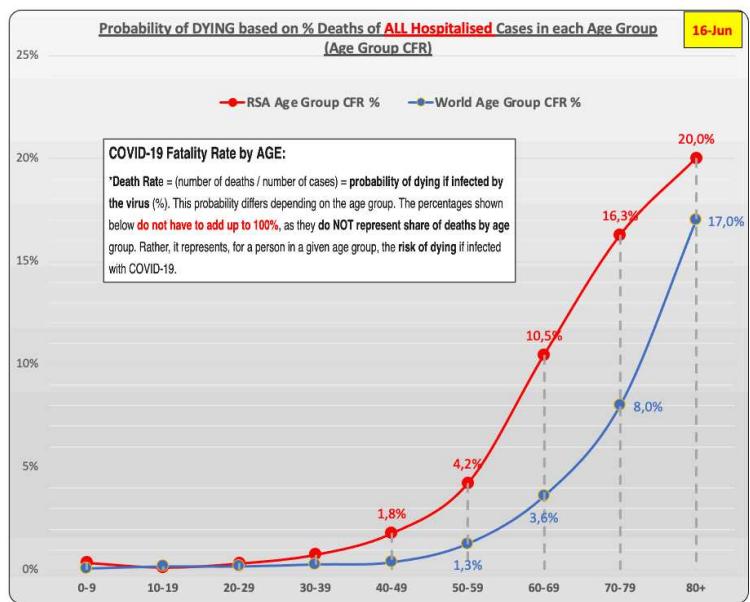
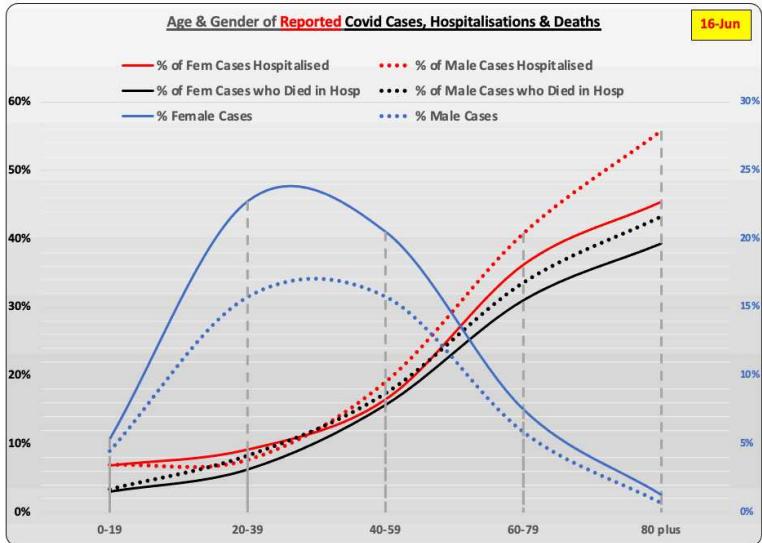
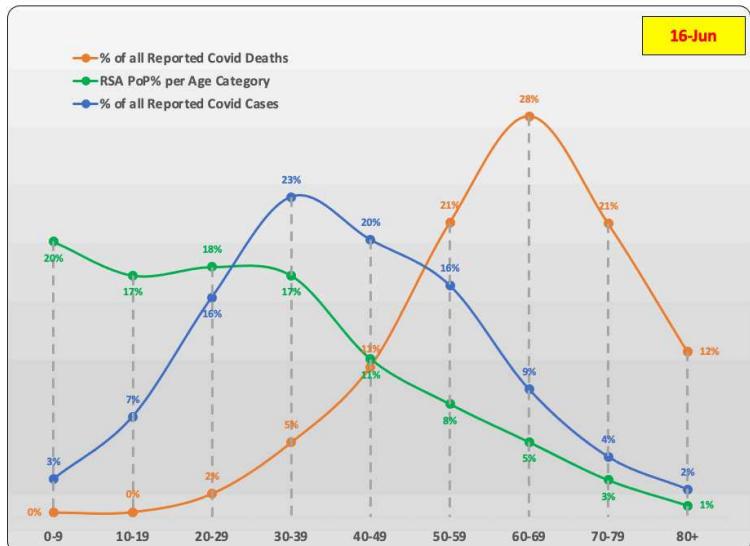
Page 5



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).

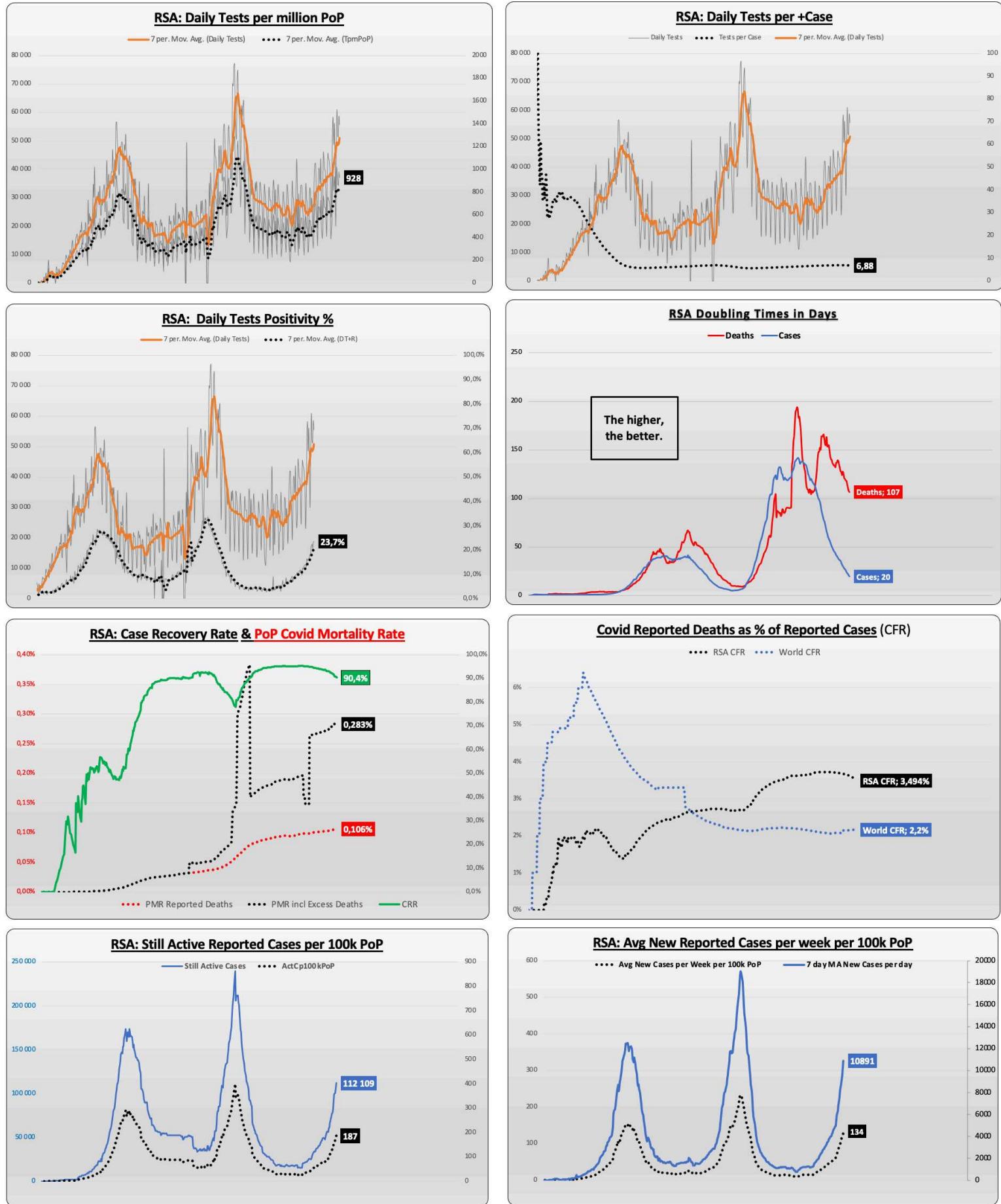
RSA Age & Gender Stats

Page 5.1



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

Page 5.2



Data as at:

20 June 2021

Unless otherwise indicated

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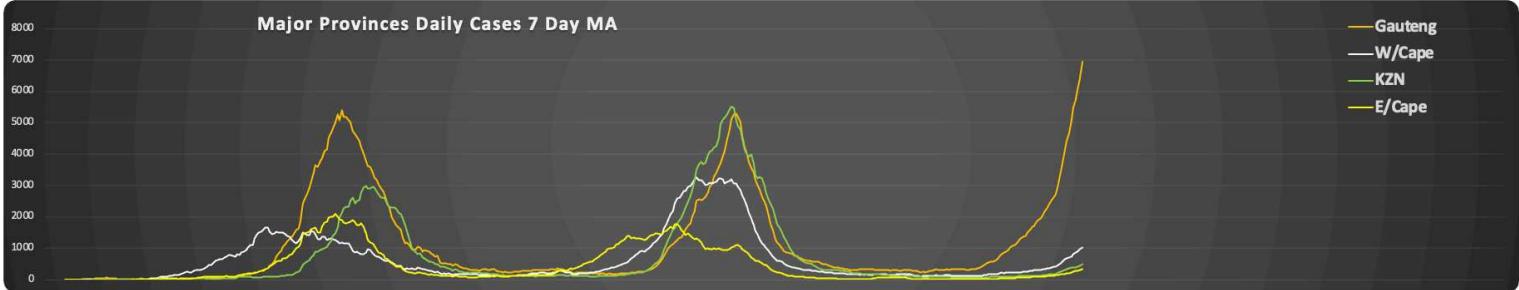
21 June 2021

RSA & Provinces Key Data Sets

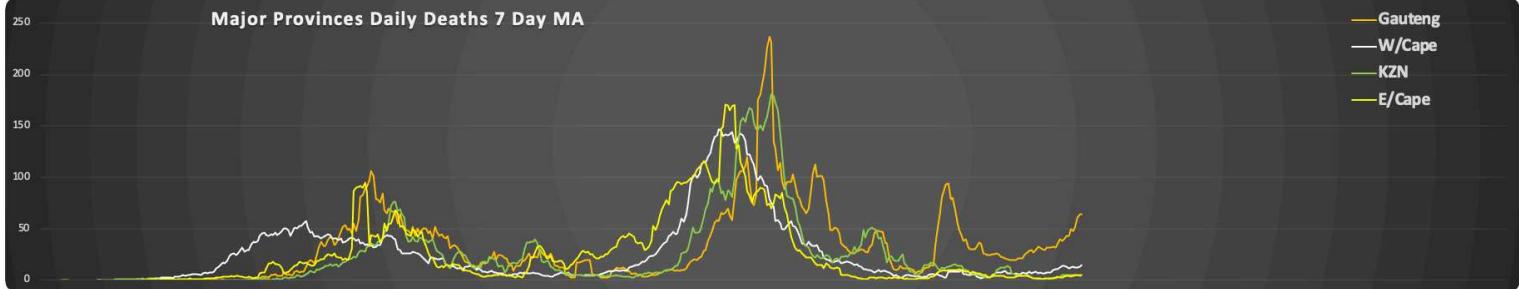
All linear scales

Page 5.3

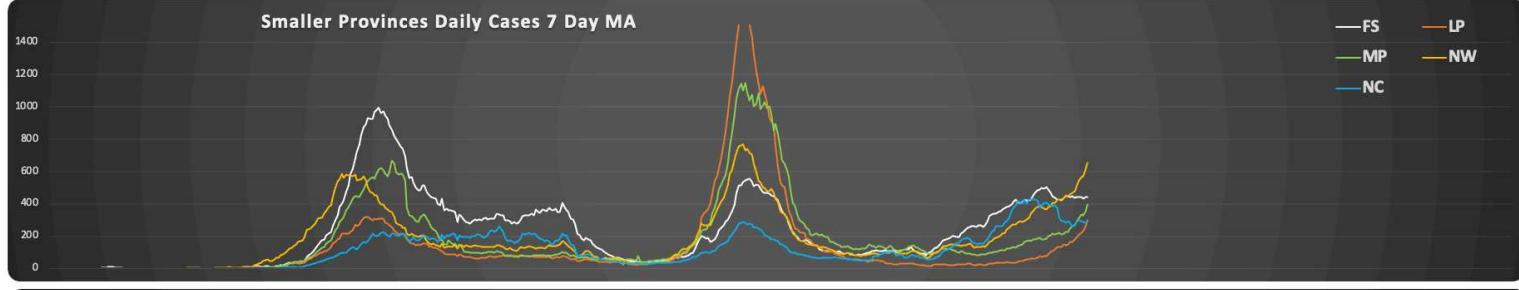
Major Provinces Daily Cases 7 Day MA



Major Provinces Daily Deaths 7 Day MA



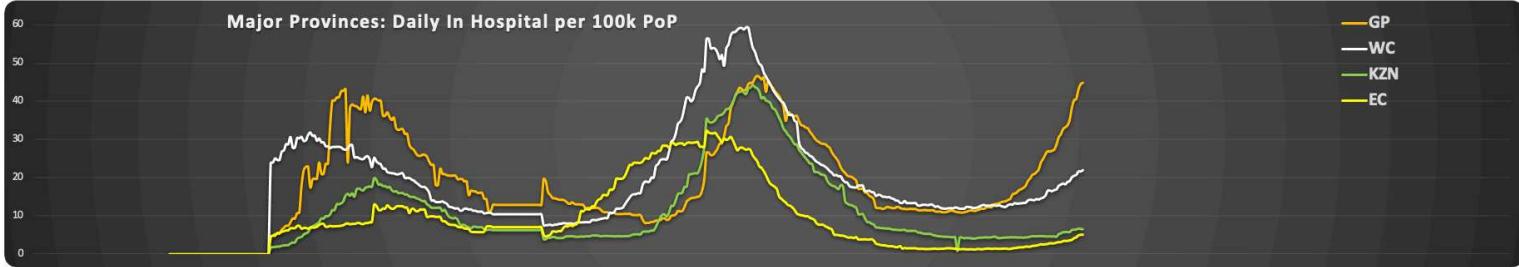
Smaller Provinces Daily Cases 7 Day MA



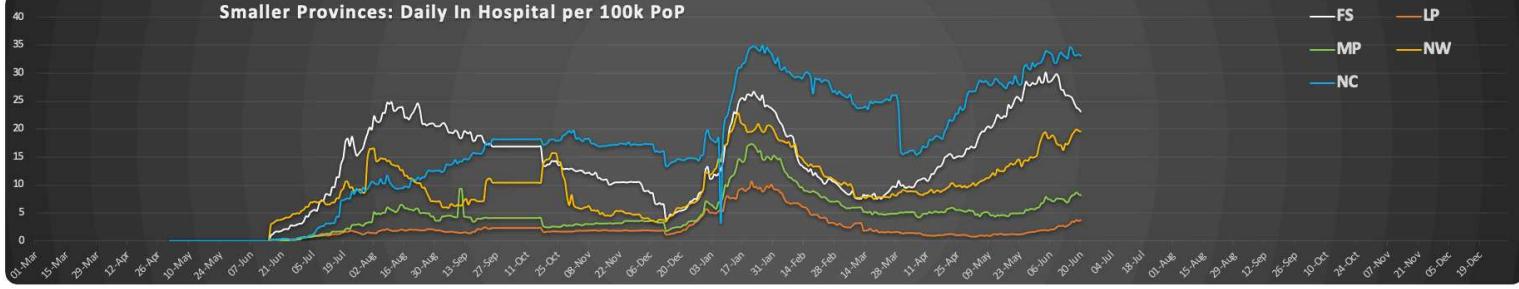
Smaller Provinces Daily Deaths 7 Day MA



Major Provinces: Daily In Hospital per 100k PoP



Smaller Provinces: Daily In Hospital per 100k PoP



Data as at:

20 June 2021

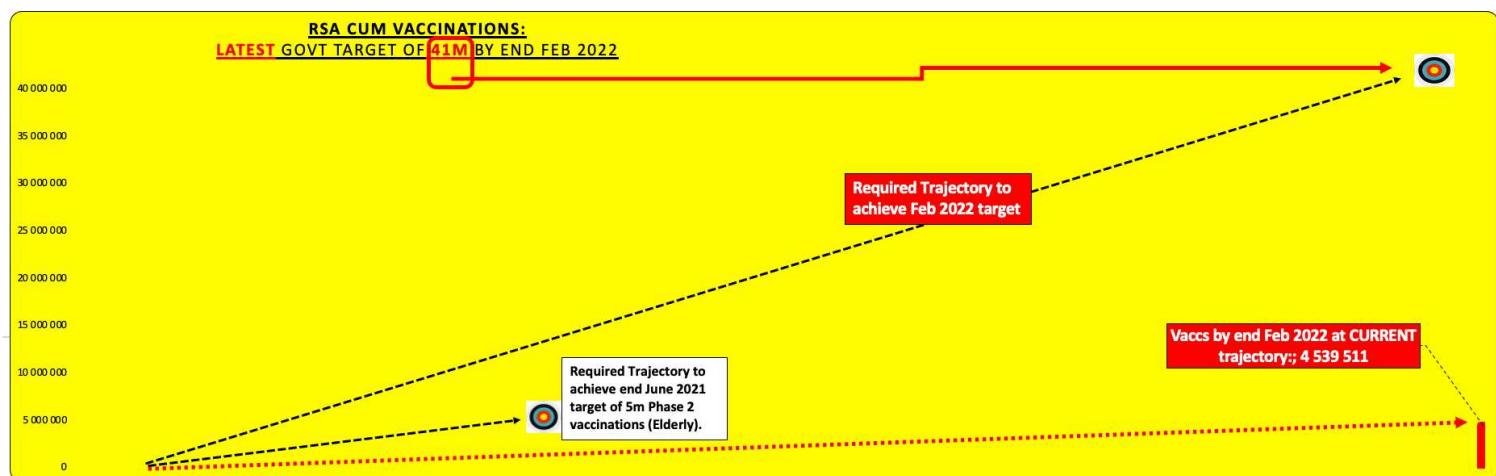
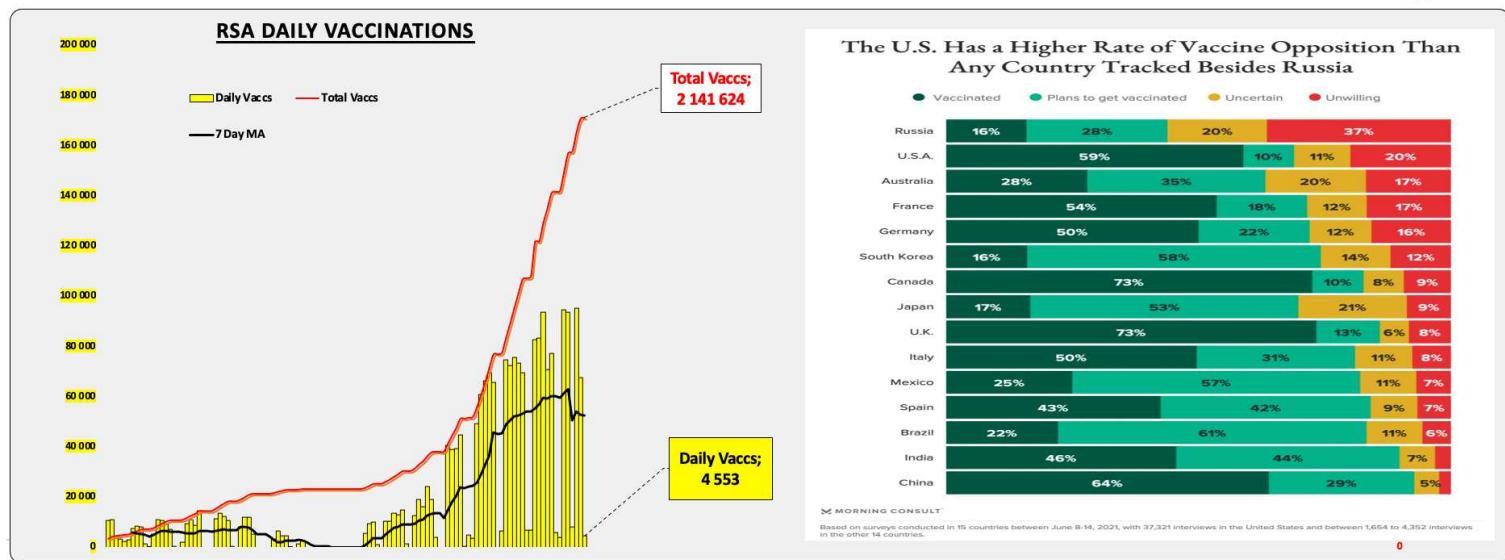
Unless otherwise indicated

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21 June 2021

Vaccination Data

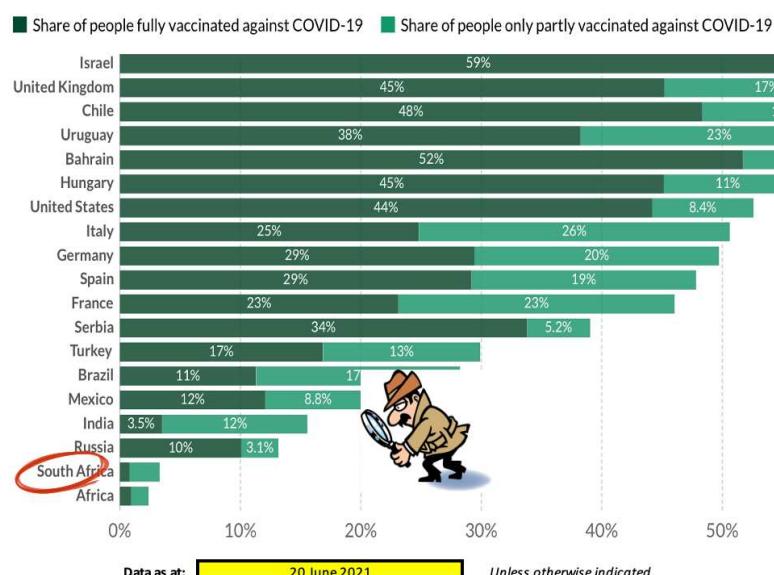
Page 6



Selected countries who publish their VAC data

Share of people vaccinated against COVID-19, Jun 17, 2021
This data is only available for countries which report the breakdown of doses administered by first and second doses.

+ Add country



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

Total Vaccs to date: 2 141 624 Avg Vaccs per day : 18 304
Fully Vaccsed : 479 768 Avg Vaccs per day over the last 7 days : 52 562
Single Dose only : 1 661 856 Phase 1 : Health Care Workers
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 Vaccs Program	6,05 Years
Time to achieve Herd Immunity at daily rate of Vaccinations over the past 7 DAYS	2,11 Years



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

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)

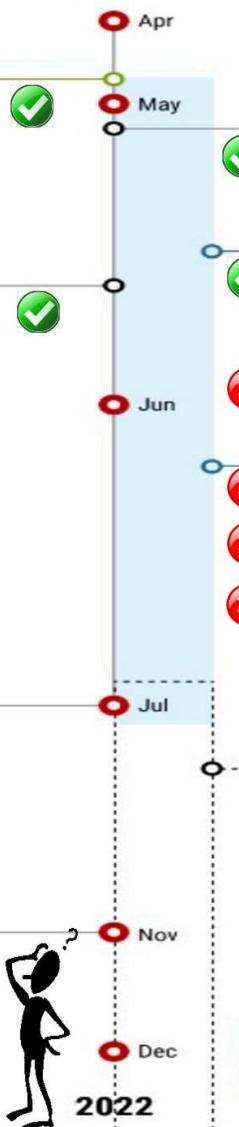
Everyone over 18 years of age

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 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.

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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:

20 June 2021

Unless otherwise indicated

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21 June 2021

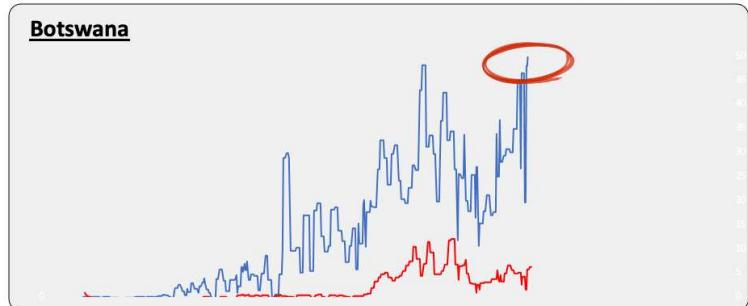
Southern Africa Daily Reported New Cases & Deaths 7 Day MA

Page 6.2

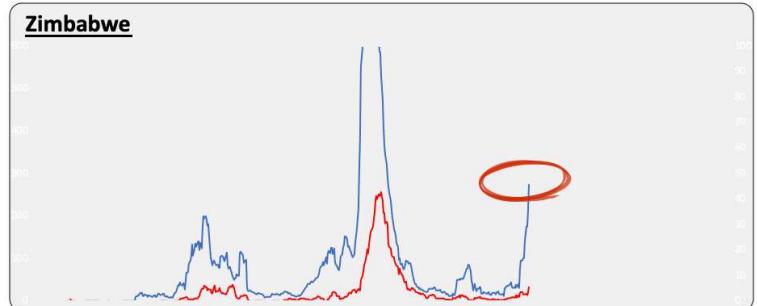
(Jan 2020 to Present)

CASES DEATHS

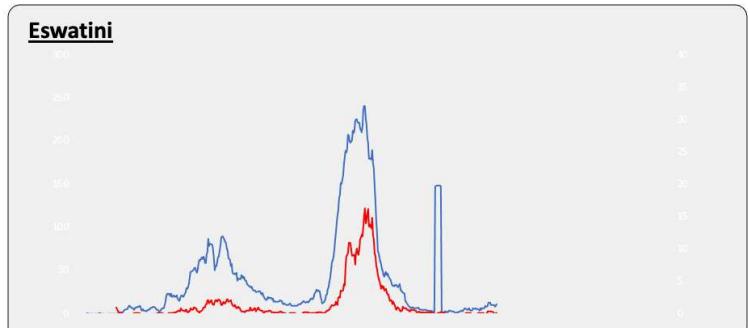
Botswana



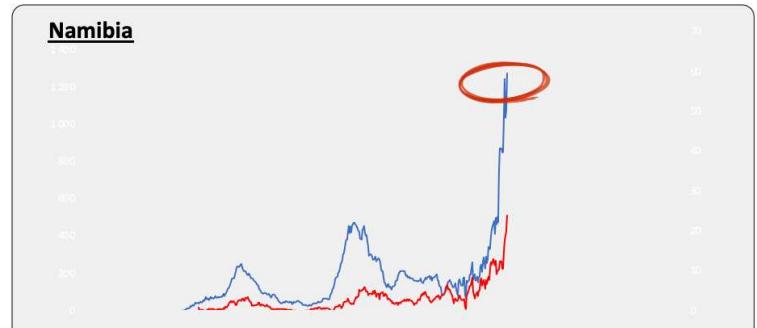
Zimbabwe



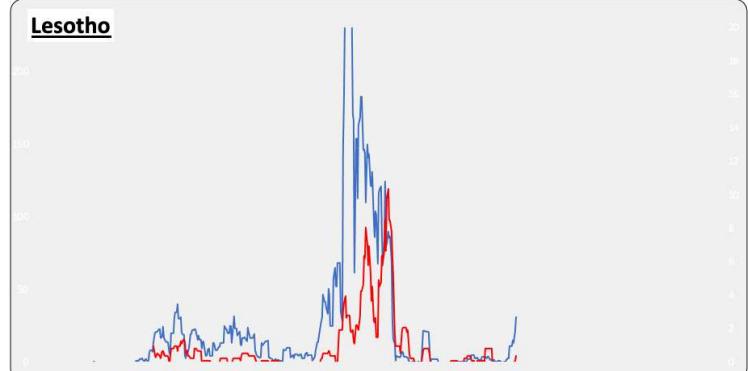
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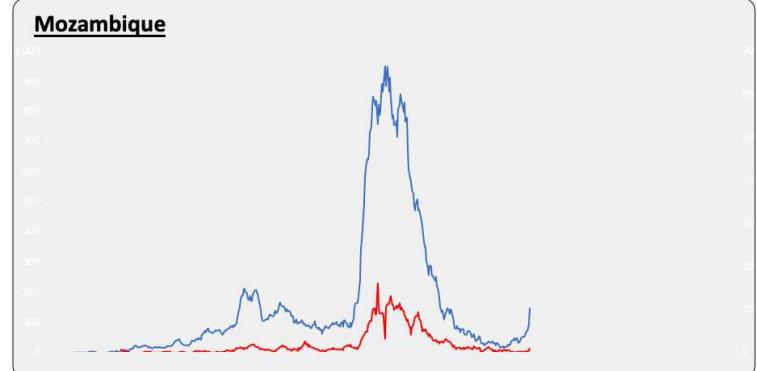
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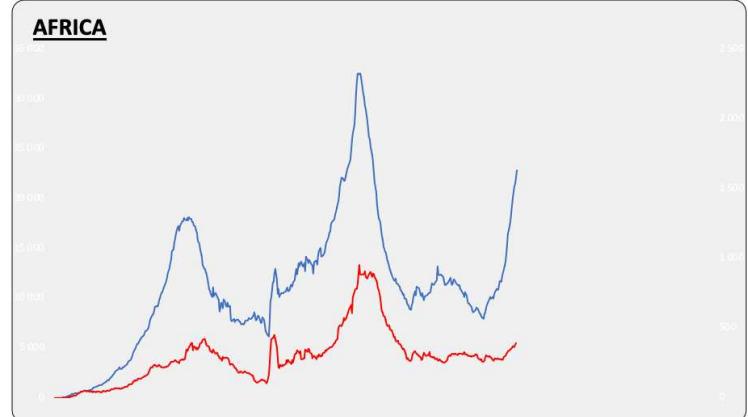
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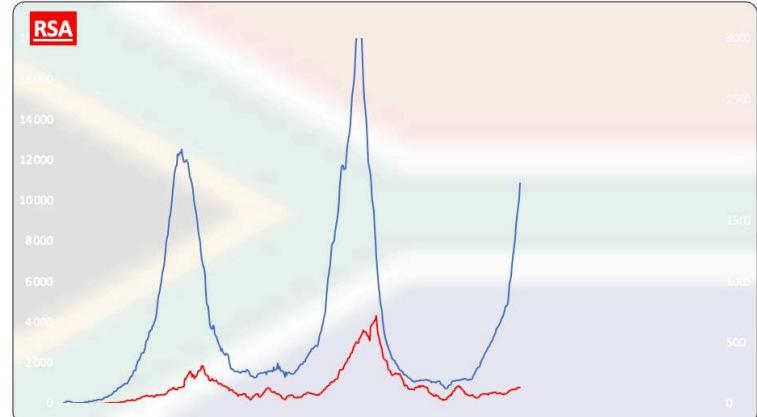
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AFRICA



RSA



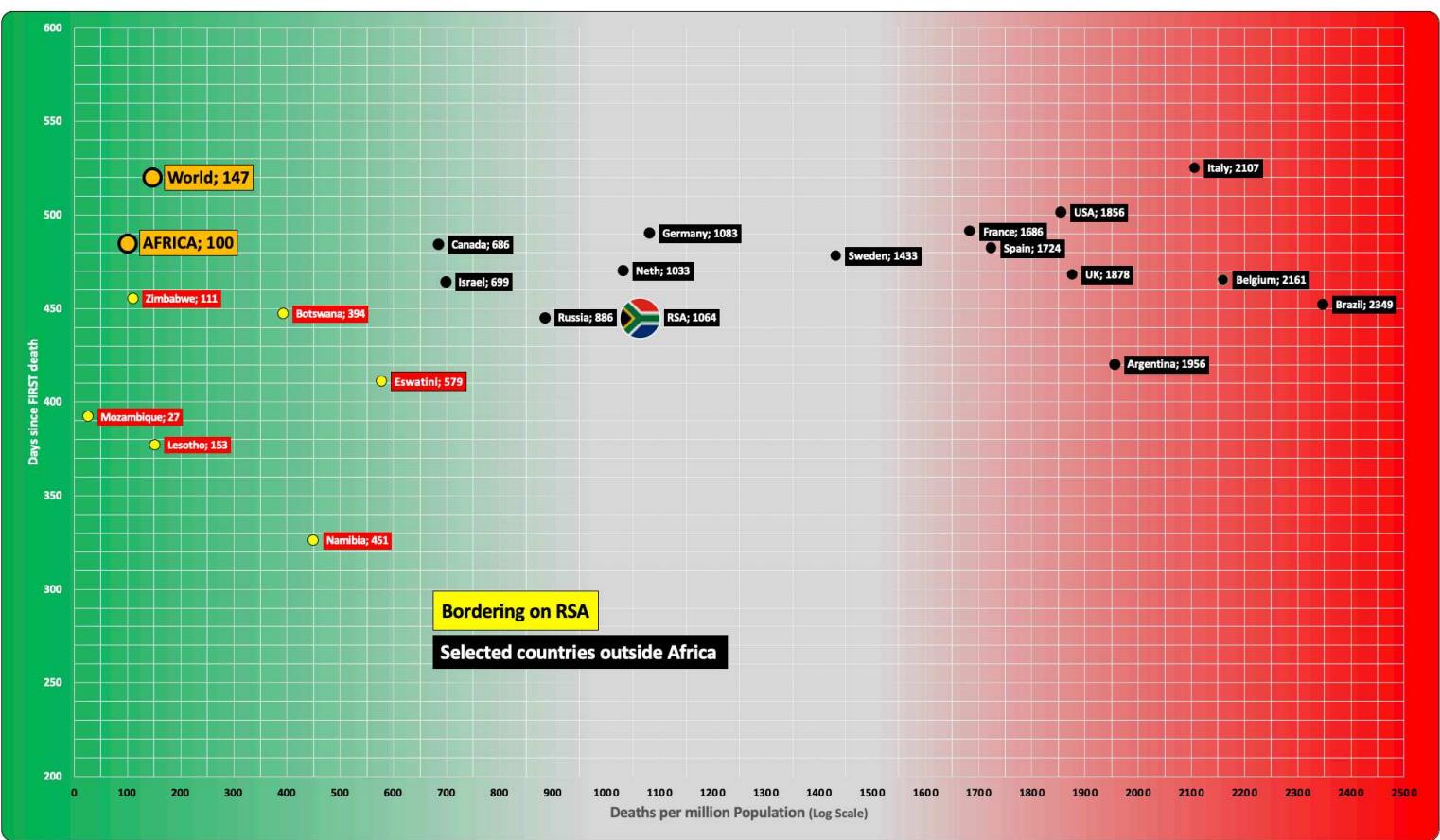
Data as at:

20 June 2021

Unless otherwise indicated

hdg

21 June 2021



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



A smile is the best vaccine....



"It appears that the vaccines are effective and the humans are returning to work. If things go as planned, we'll have the run of the house by the end of the year."