

# HarryG COVID-19 StatsPack

Deteriorating

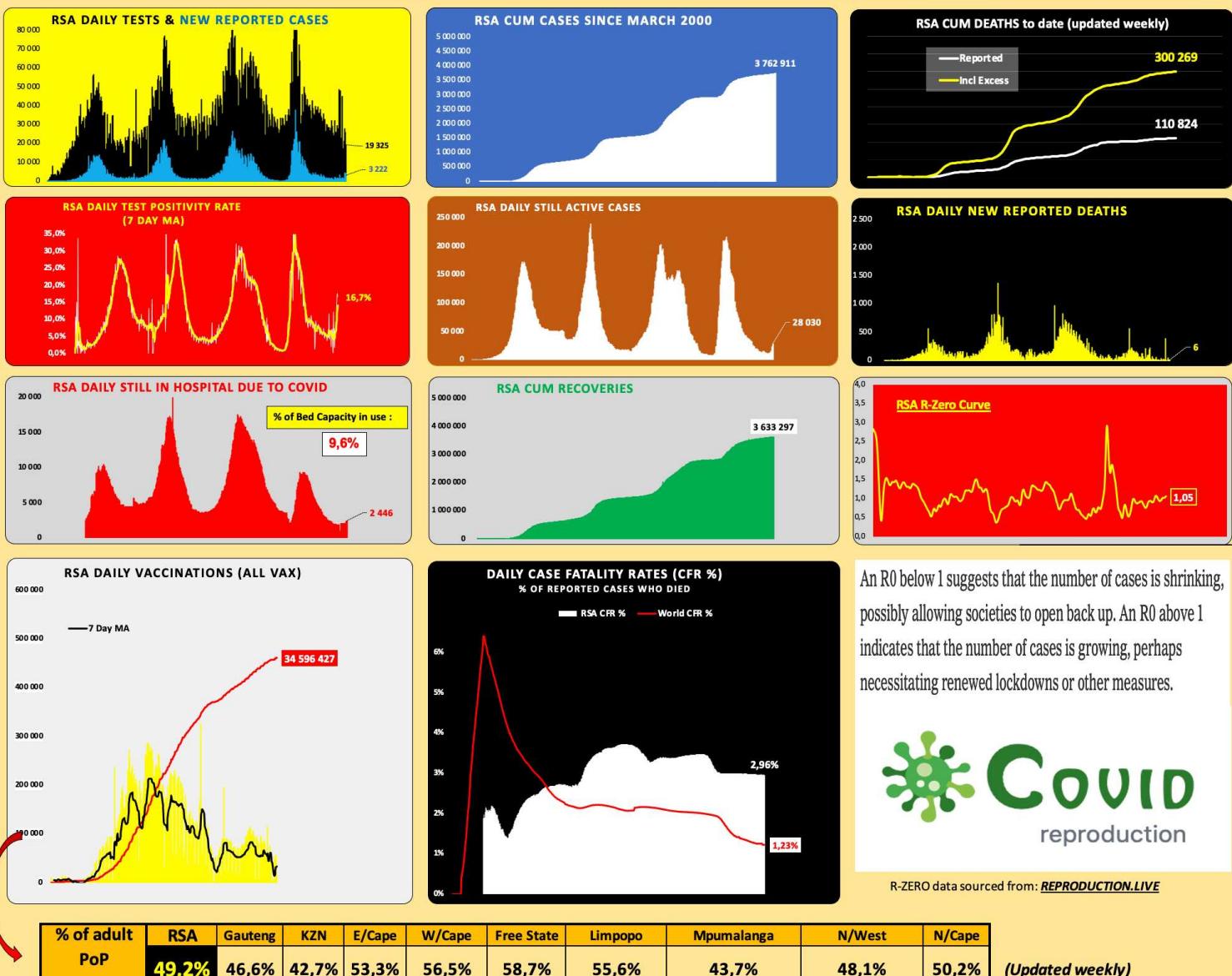
Improving

Compared to  
previous day

Page 1

| Cum Cases    |             | Daily Cases          |                       | RSA COVID-19 DASHBOARD<br>as at:<br><b>24-Apr-22</b> | Daily Still in Hospital | Case Fatality Rates (CFR):  |                    | Vaccinations:         |            |
|--------------|-------------|----------------------|-----------------------|--|-------------------------|---|--------------------|-----------------------|------------|
| Still Active | +Cases      | Cum Cases p mill PoP | Cum Deaths p mill PoP |  |                         | Reported Cases  | Hospital Cases     | Yesterday             | 12 840     |
| 28 030       | 62 843      | 1861                 |                       |  | 2446                    | 2,96%   | 19,74%             | Yesterday             | 12 840     |
| Deaths Avg   | Ages Median | Deaths Min Age       | Deaths Max Age        |  |                         | % of RSA PoP who have died to date :<br>Reported Deaths           | Incl Excess Deaths | Daily Avg since start | 81 688     |
| 62,3         | 53,1        | 0,2                  | 108                   |  |                         | 0,19%   | 0,50%              | Total                 | 34 596 427 |
| Female :     |             |                      |                       |  |                         | % of RSA PoP who have died to date<br>PROJECTED to end Sept 2022: |                    |                       |            |
| Male :       |             |                      |                       |  |                         | Reported Deaths   | Incl Excess Deaths |                       |            |
|              |             |                      |                       |  |                         | 0,18%   | 0,47%              |                       |            |
|              |             |                      |                       |  |                         | Cum Tests   | Daily Tests        |                       |            |
|              |             |                      |                       |  |                         | 24 332 659  | 19 325             |                       |            |
|              |             |                      |                       |  |                         | Daily Test Positivity Rate:                                       | 16,7%              |                       |            |
|              |             |                      |                       |  |                         |   |                    |                       |            |

23-Apr



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.



R-ZERO data sourced from: [REPRODUCTION.LIVE](https://reproduction.live)

| % of adult PoP VAXXED: | RSA   | Gauteng | KZN   | E/Cape | W/Cape | Free State | Limpopo | Mpumalanga | N/West | N/Cape           |
|------------------------|-------|---------|-------|--------|--------|------------|---------|------------|--------|------------------|
| 49,2%                  | 46,6% | 42,7%   | 53,3% | 56,5%  | 58,7%  | 55,6%      | 43,7%   | 48,1%      | 50,2%  | (Updated weekly) |

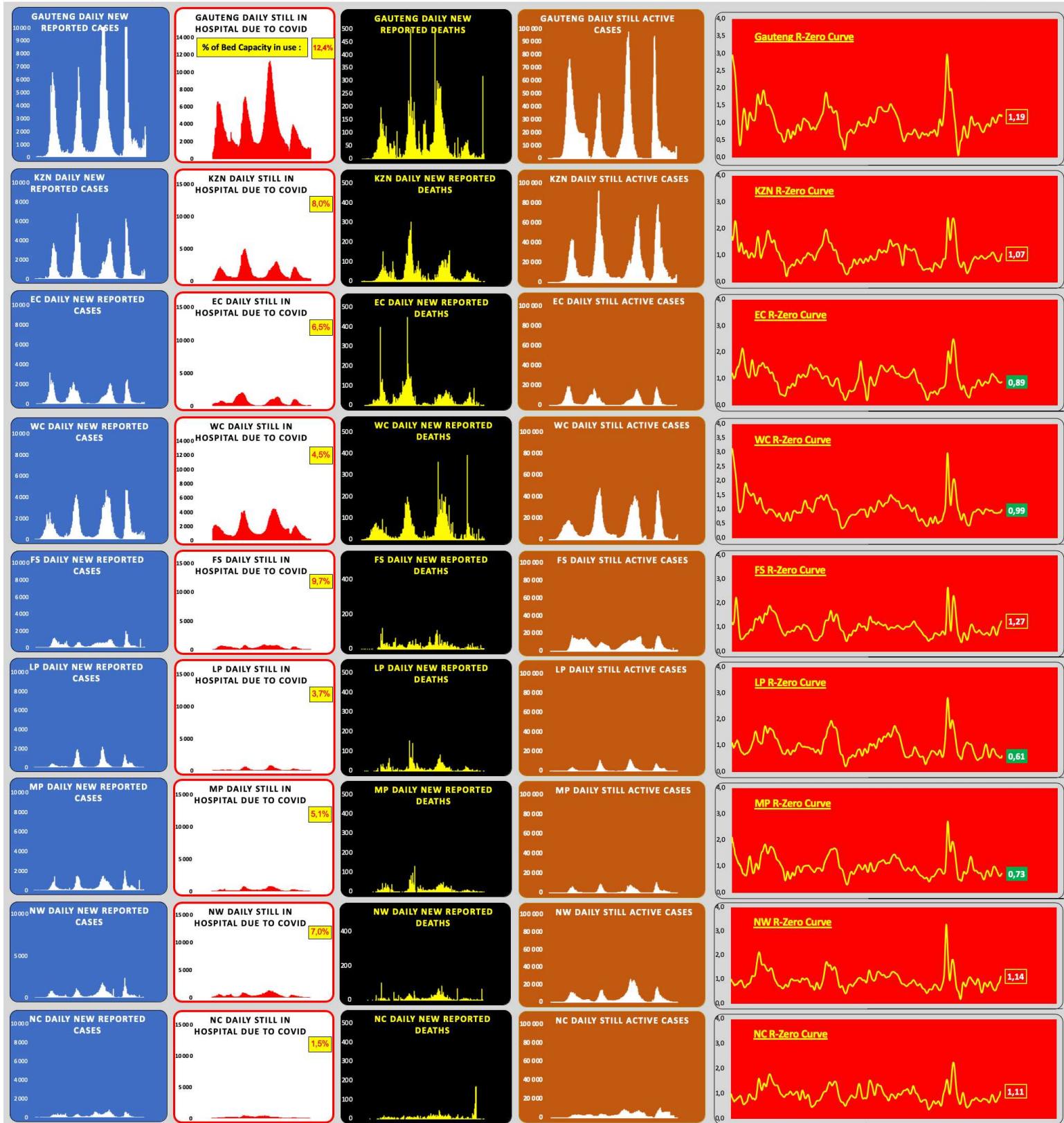
Progress Ranking by Province : 7 9 4 2 1 3 8 6 5

Data as at: 23 April 2022 Unless otherwise indicated

hdg 24 April 2022

## RSA Provinces detailed daily Data and Trends Jan 2020 to Sept 2022

Page 1.1



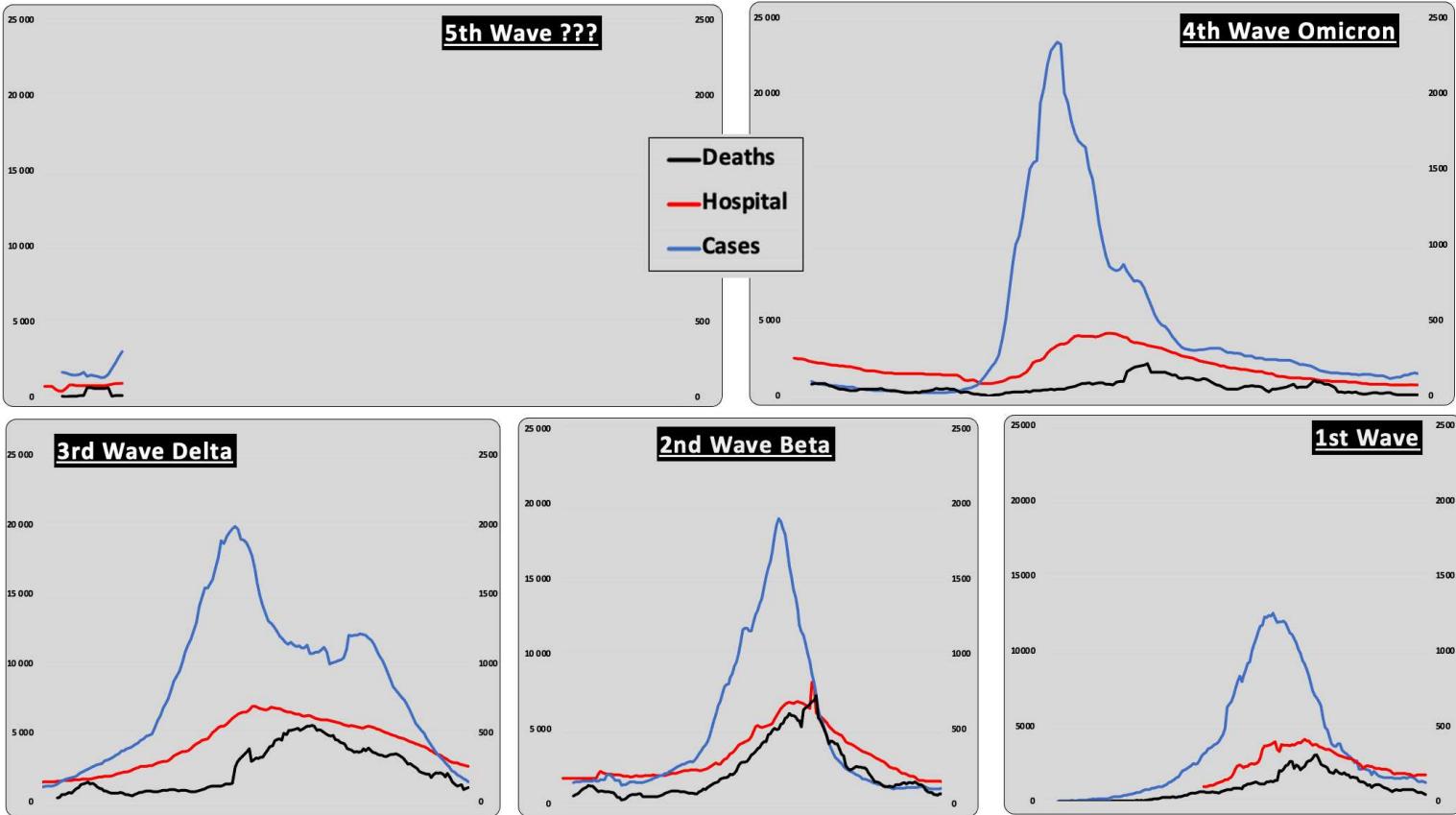
R-ZERO data sourced from: [REPRODUCTION.LIVE](https://reproduction.live)

Data as at: 23 April 2022 Unless otherwise indicated

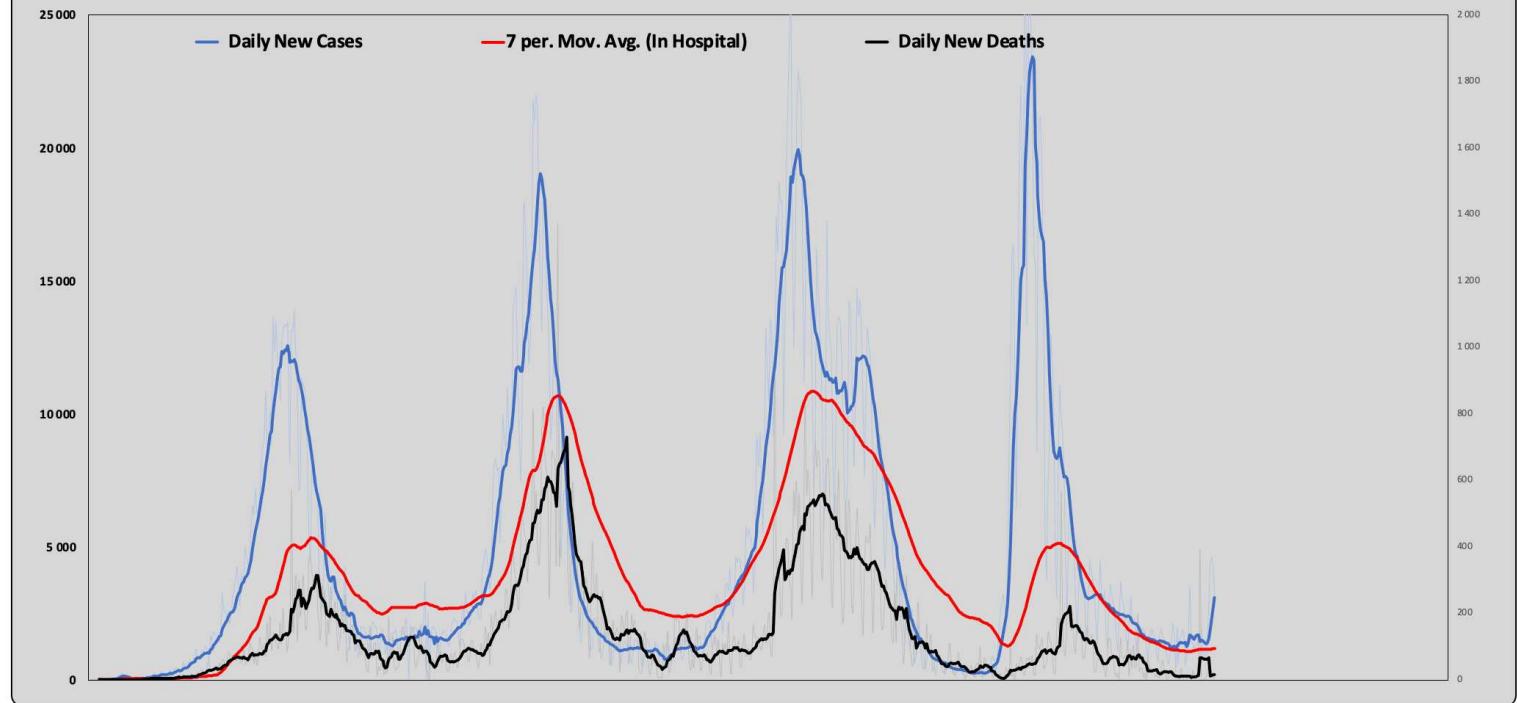
hdg 24 April 2022

## RSA Onsets by Wave (Dual axes. 7 Day MA's except for Hospitalisations which are 2 Day MA's)

Page 2



## RSA Reported Daily New Cases v Daily still in Hospital v Daily Deaths (7 Day MA note the dual axes)

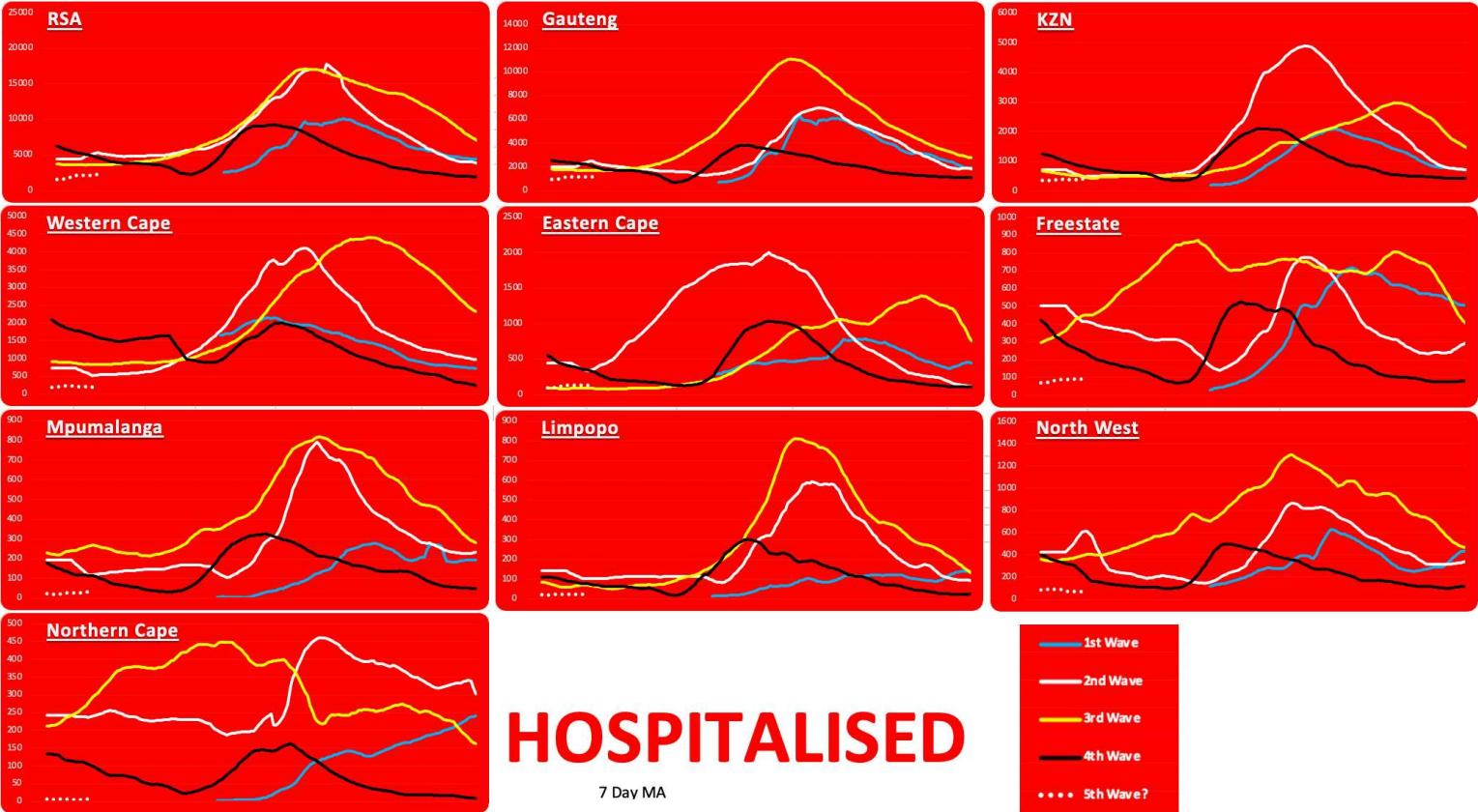
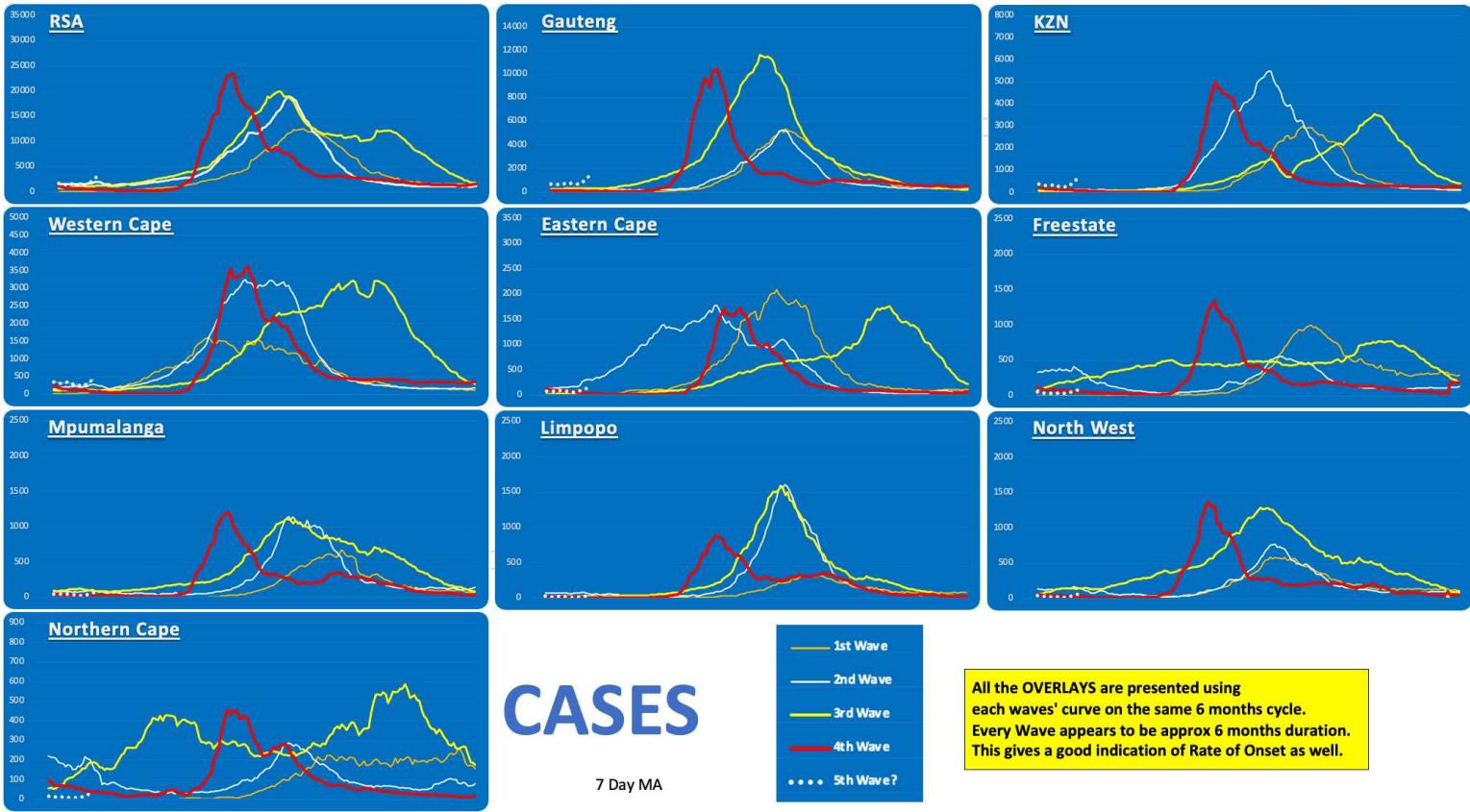


Data as at: 23 April 2022 Unless otherwise indicated

hdg 24 April 2022

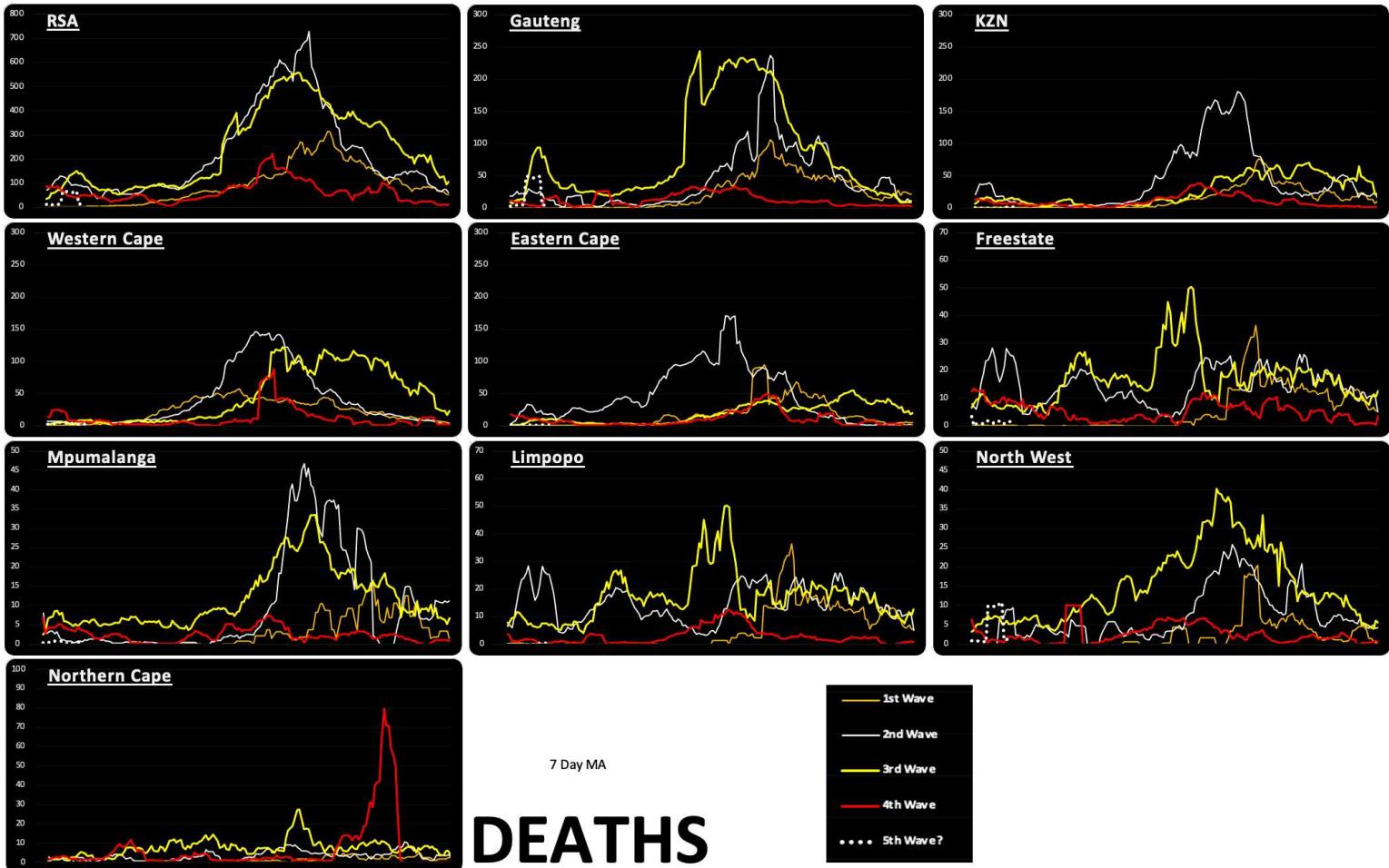
## 1st / 2nd / 3rd, 4th & 5th WAVE OVERLAYS

Page 2.1

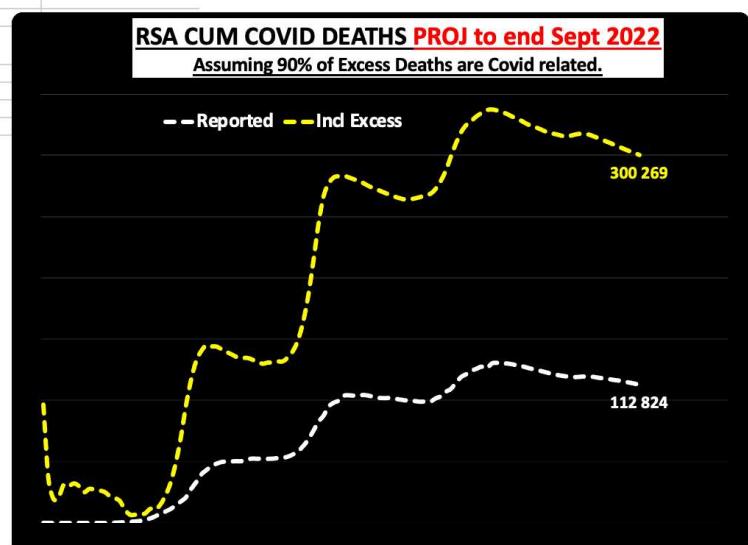
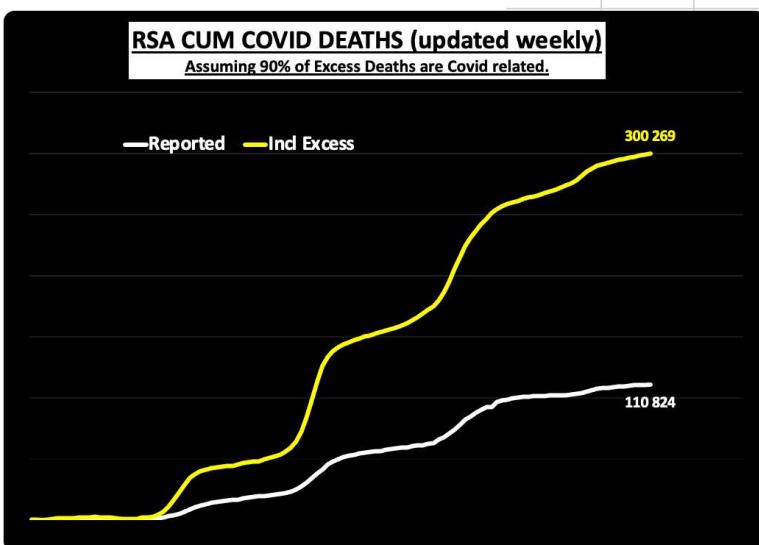


## 1st / 2nd / 3rd & 4th WAVE OVERLAYS (DAILY DEATHS)

Page 2.2

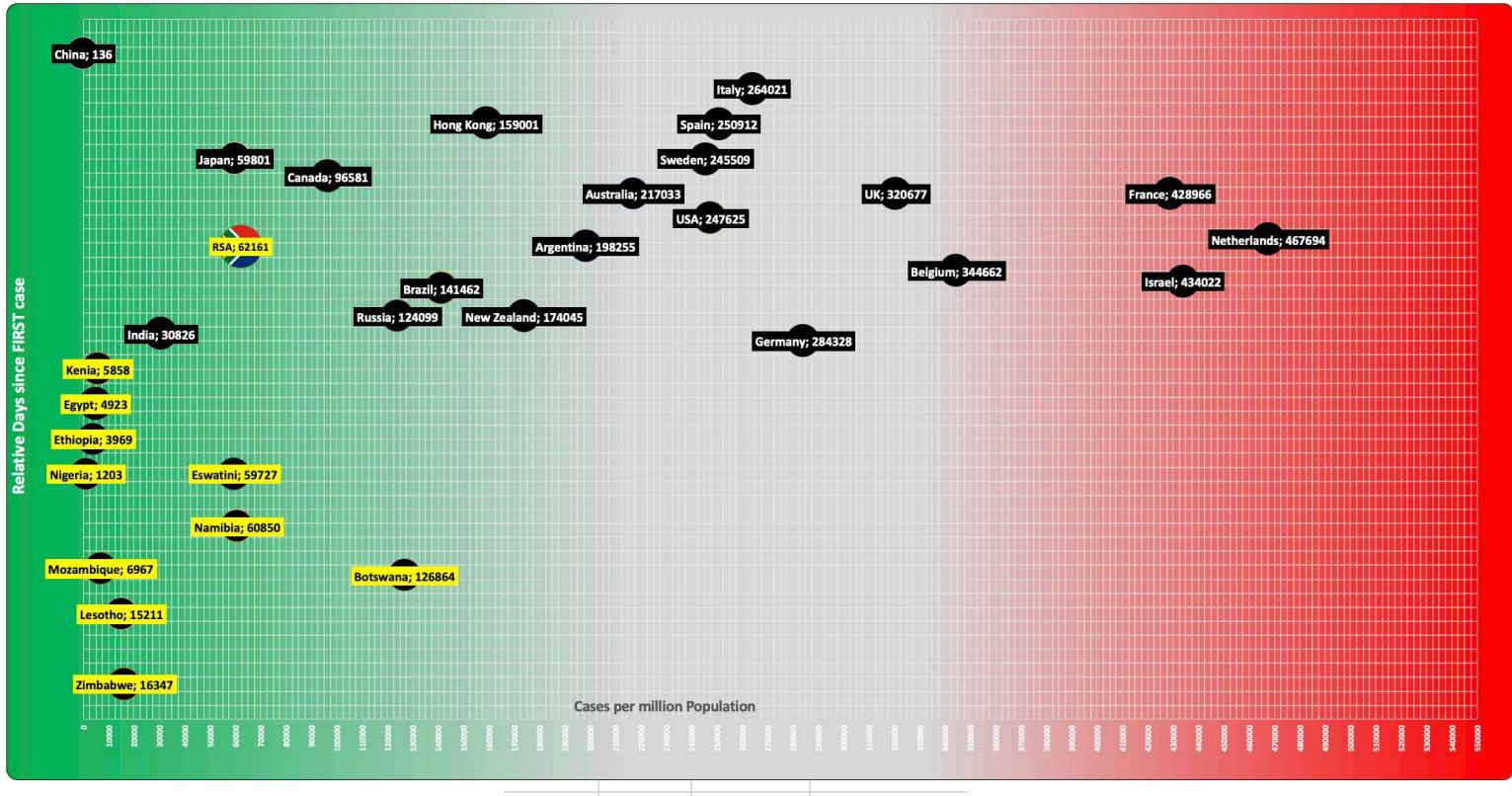


## RSA Cum & Projected Deaths (Reported & Incl Excess)

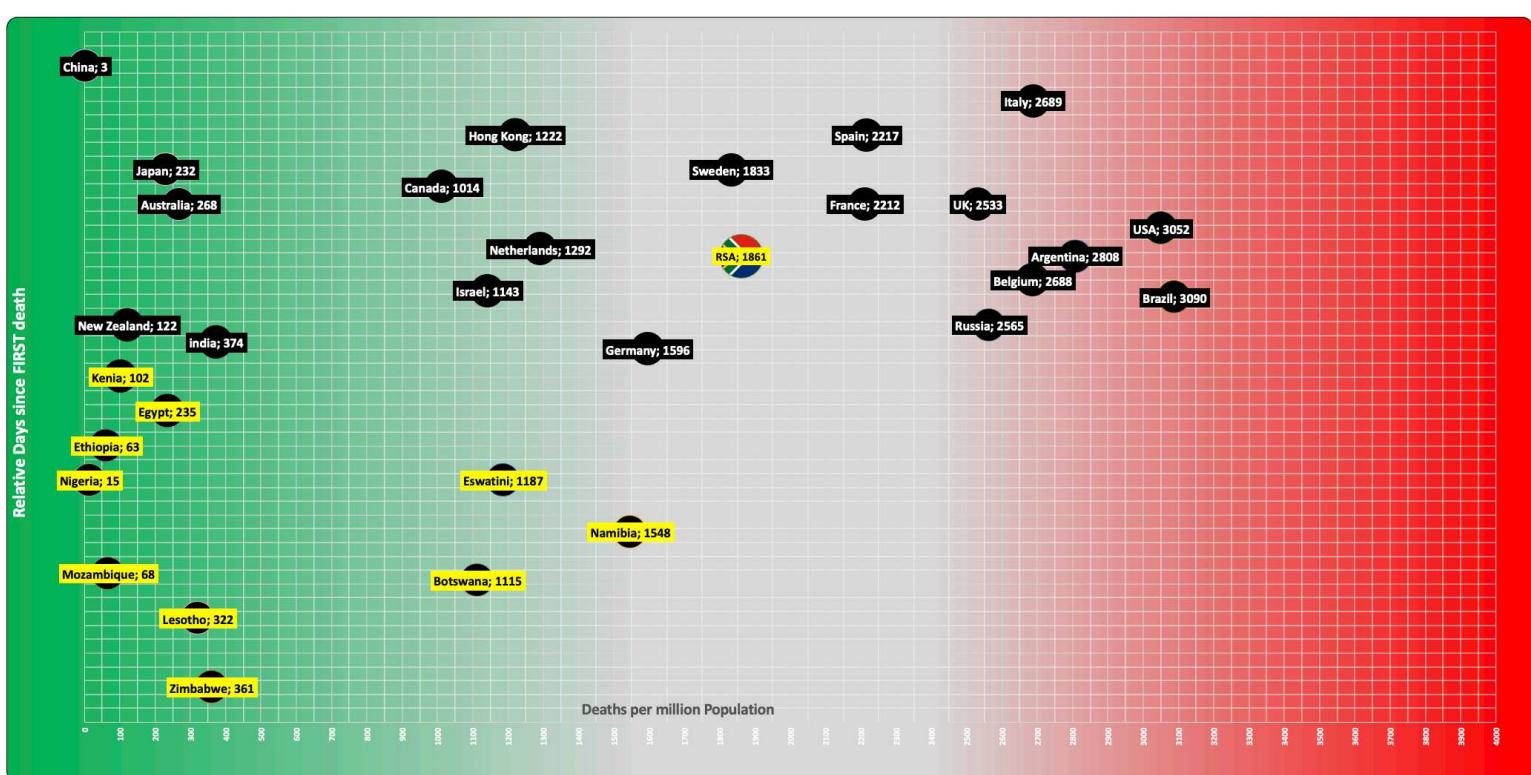


## Selected Countries' Cum **REPORTED CASES** per mill PoP

Page 2.3

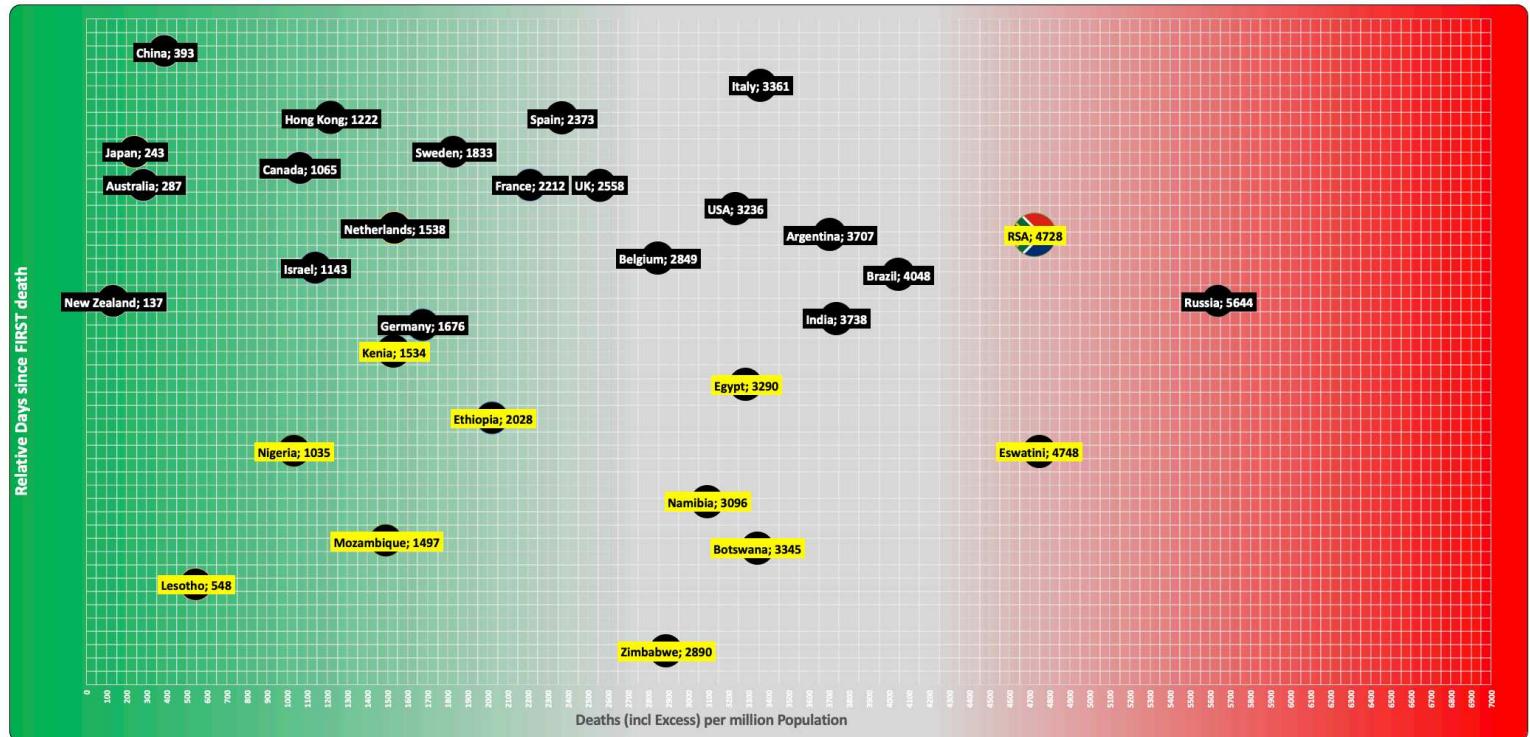


## Selected Countries' Cum **REPORTED DEATHS** per mill PoP

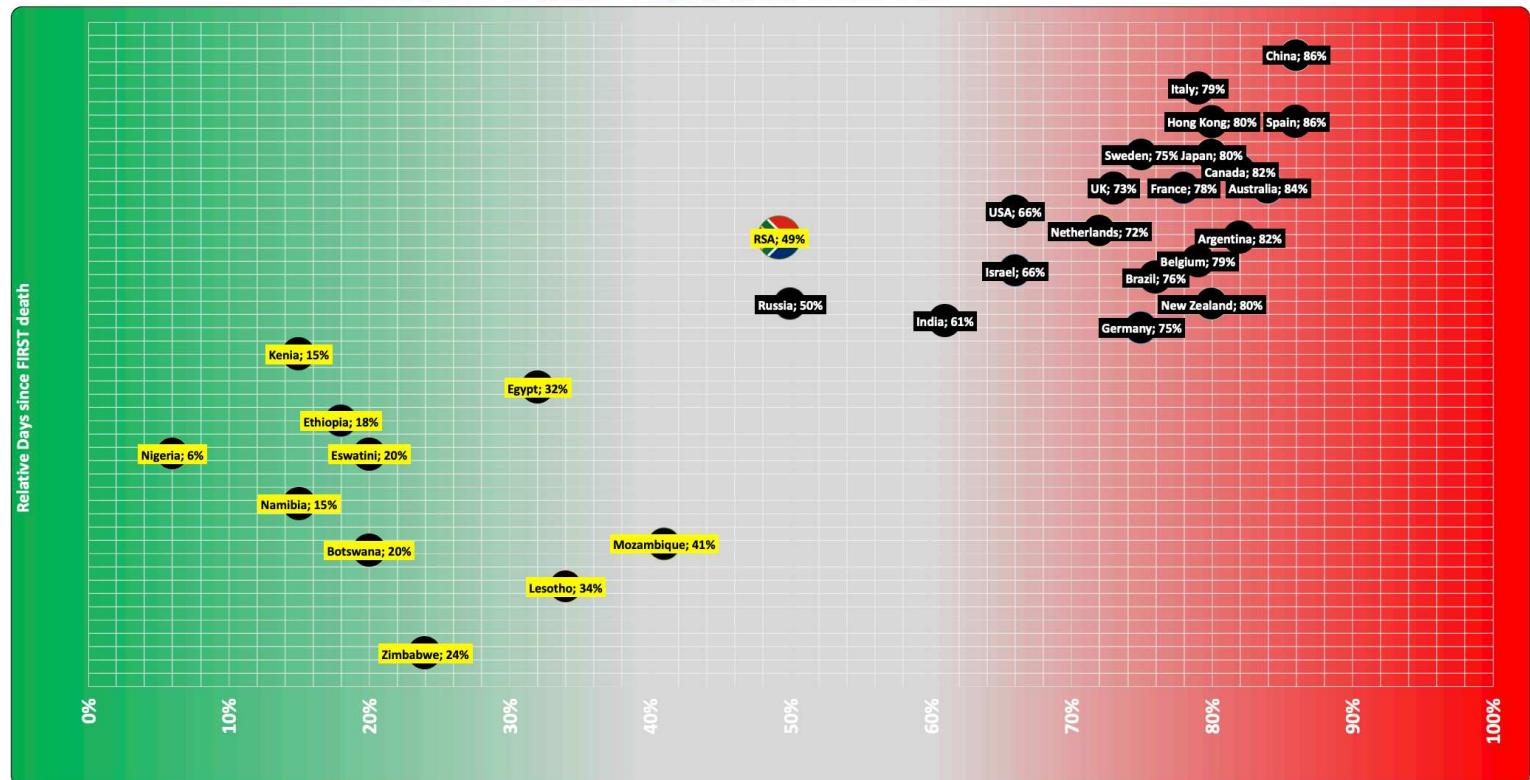


## Selected Countries' Cum Deaths incl EXCESS DEATHS\* per mill PoP

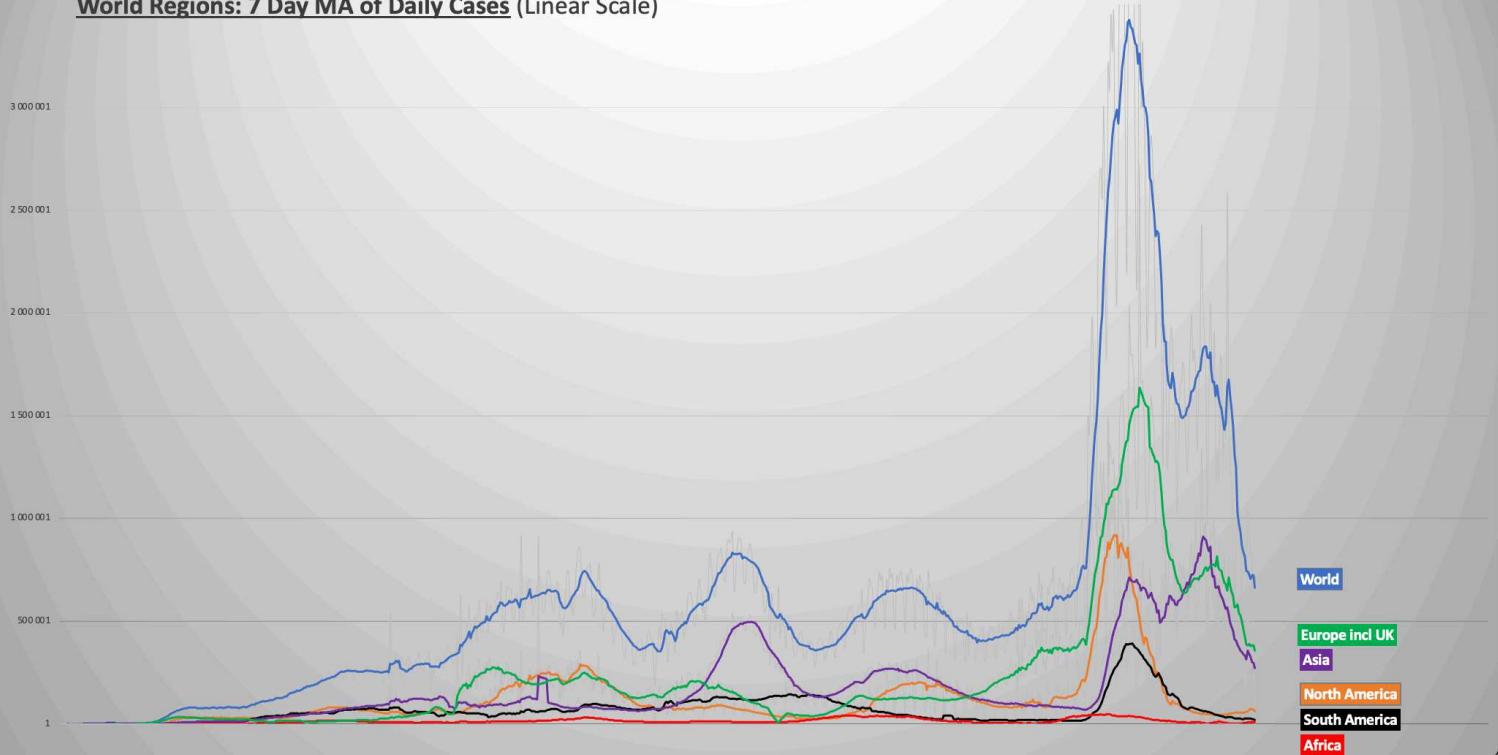
Page 3.0



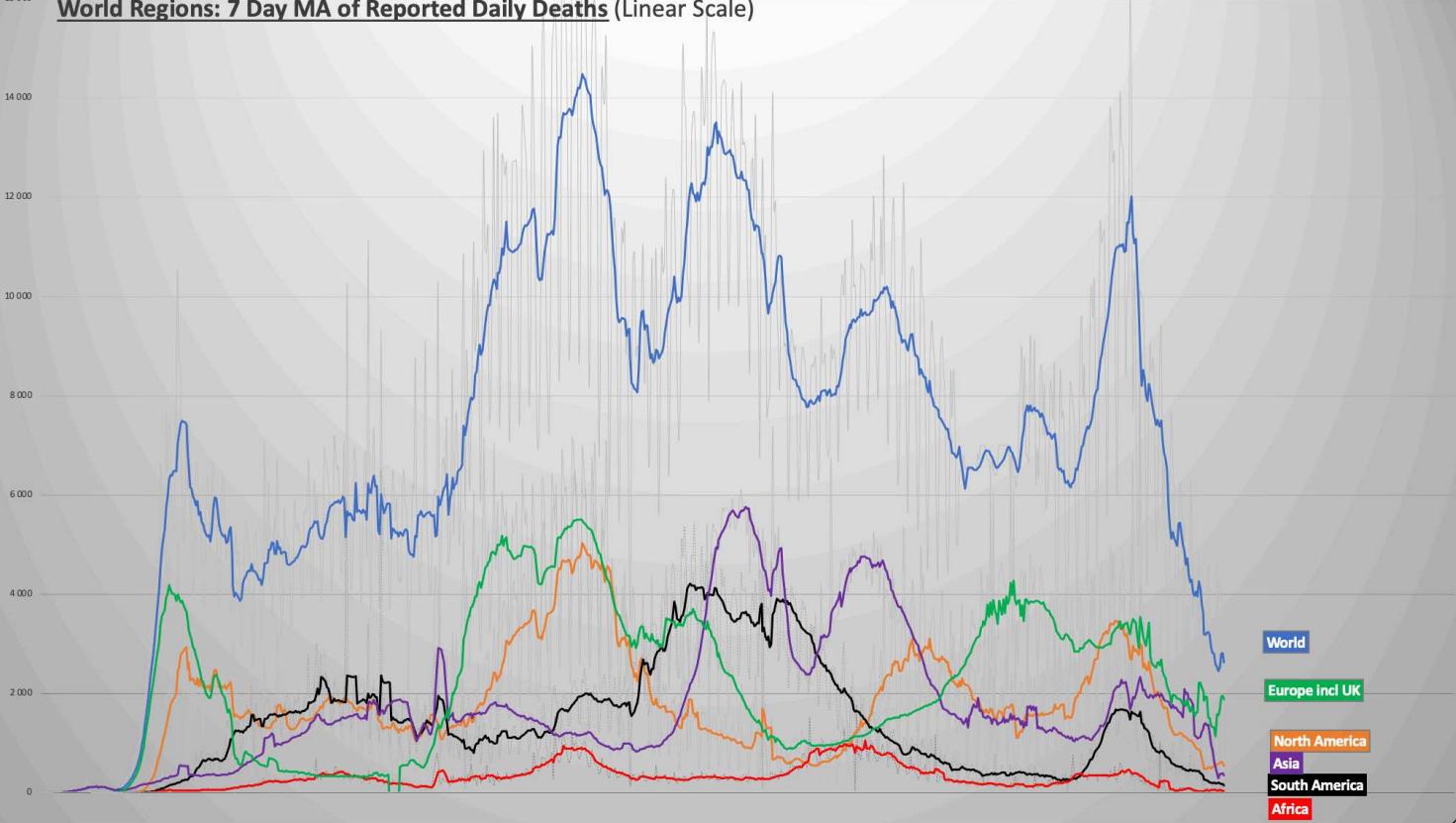
## Selected Countries' MAX % of Total DnD



**World Regions: 7 Day MA of Daily Cases (Linear Scale)**



**World Regions: 7 Day MA of Reported Daily Deaths (Linear Scale)**



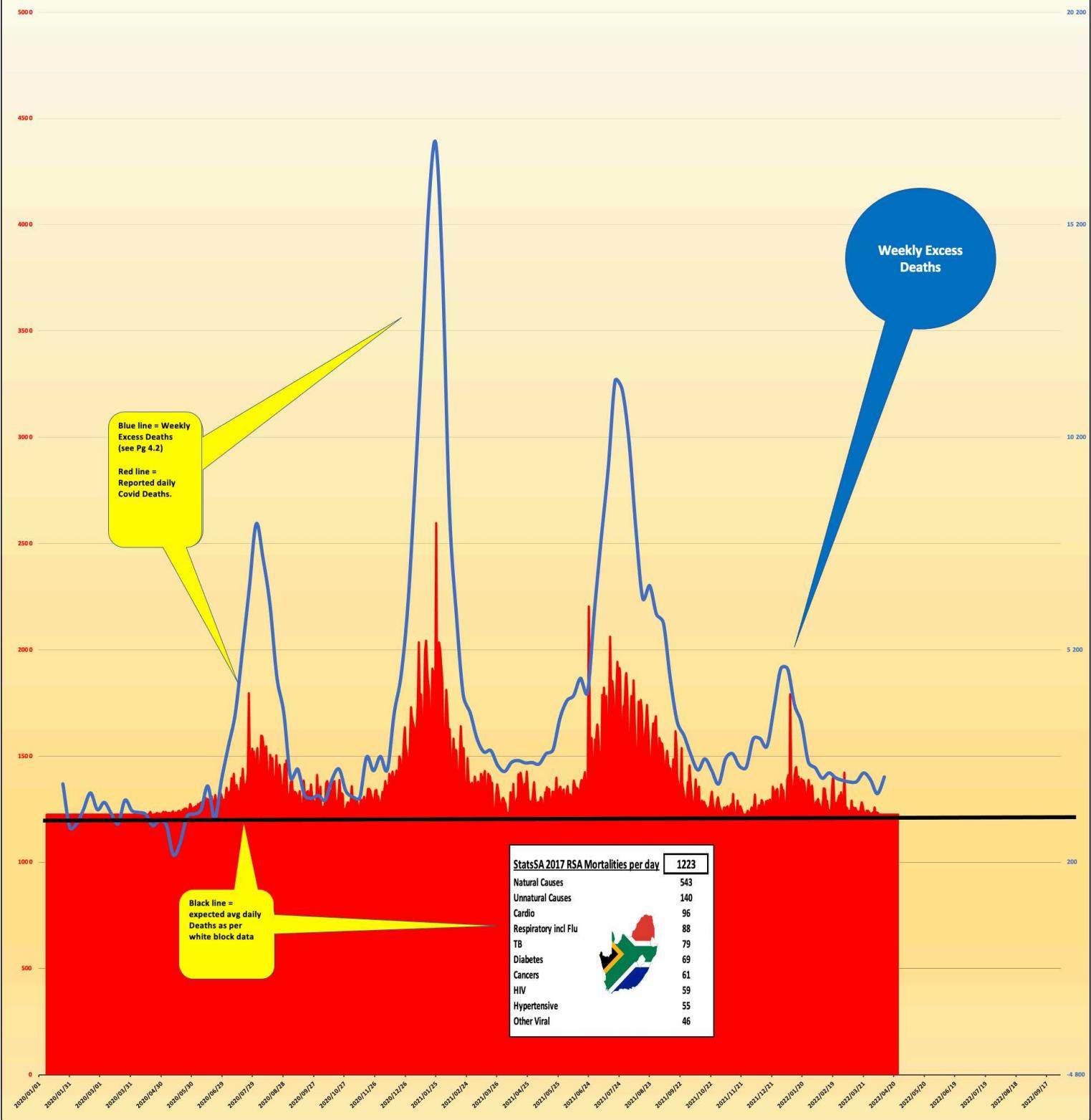
The graph below is an attempt to put the number of Covid Deaths into some sort of perspective graphically.

The big RED block below the black line is TOTAL Daily Avg Deaths from ALL causes.

The RED area/line on top of the red block is the INCREMENTAL Actual Daily Deaths due to Covid as officially reported.

The BLUE line shows the SAMRC Excess Deaths weekly numbers.

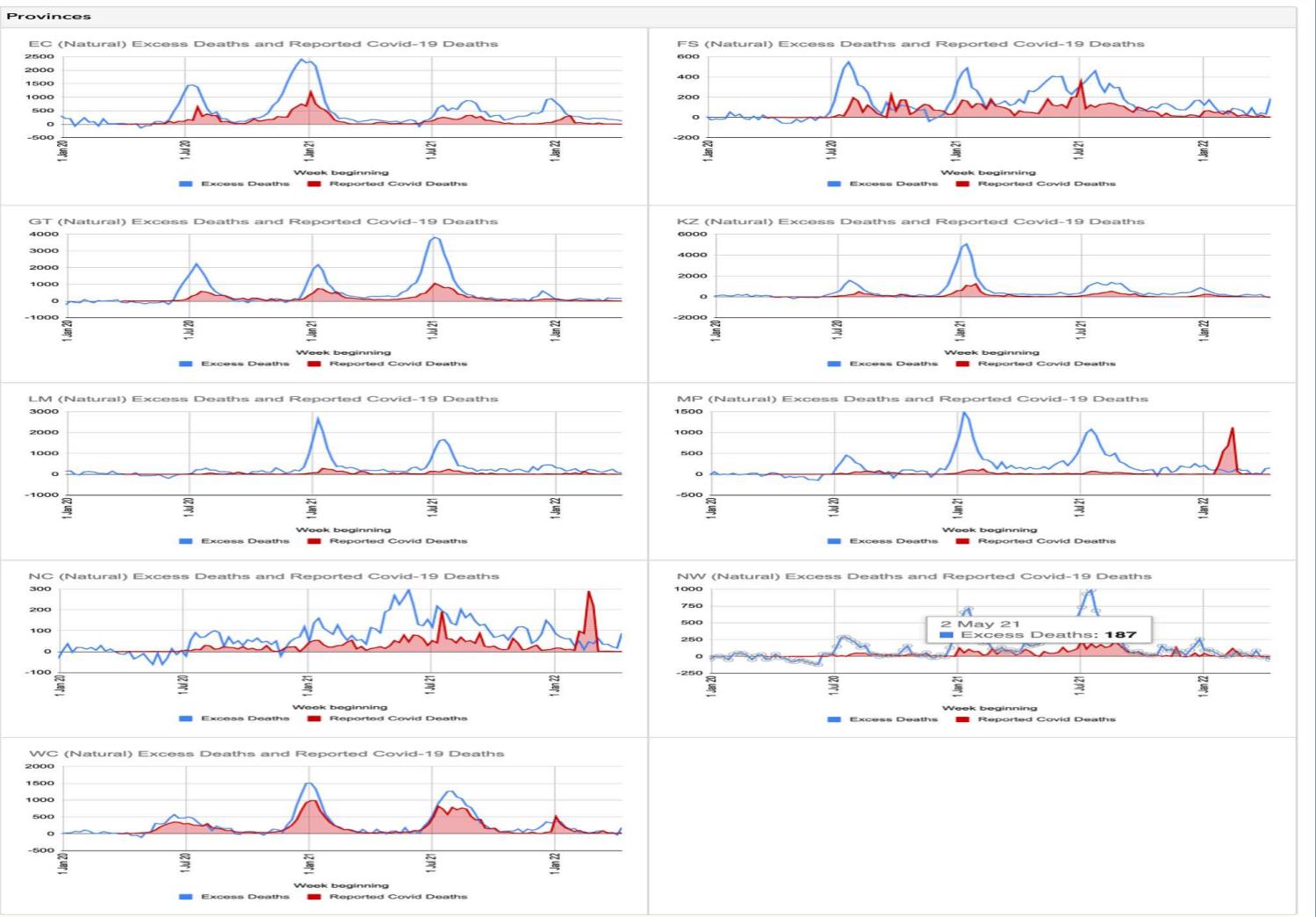
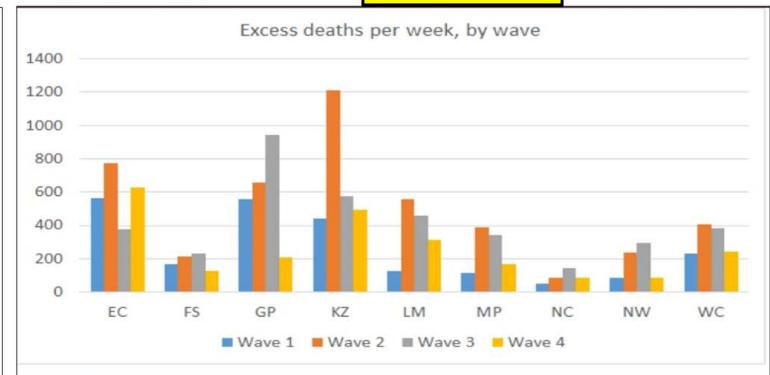
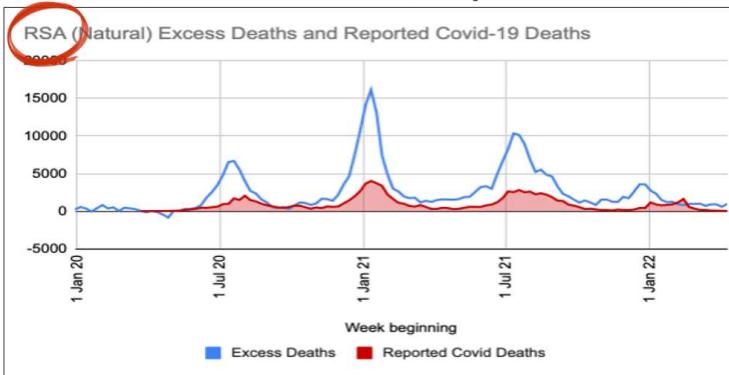
### Avg "normal" DAILY RSA Mortalities v Reported COVID Daily Deaths v Excess Deaths (Linear)



## RSA Excess Deaths as per SA Medical Research Council

As at : 16 April 2022

Page 4.1



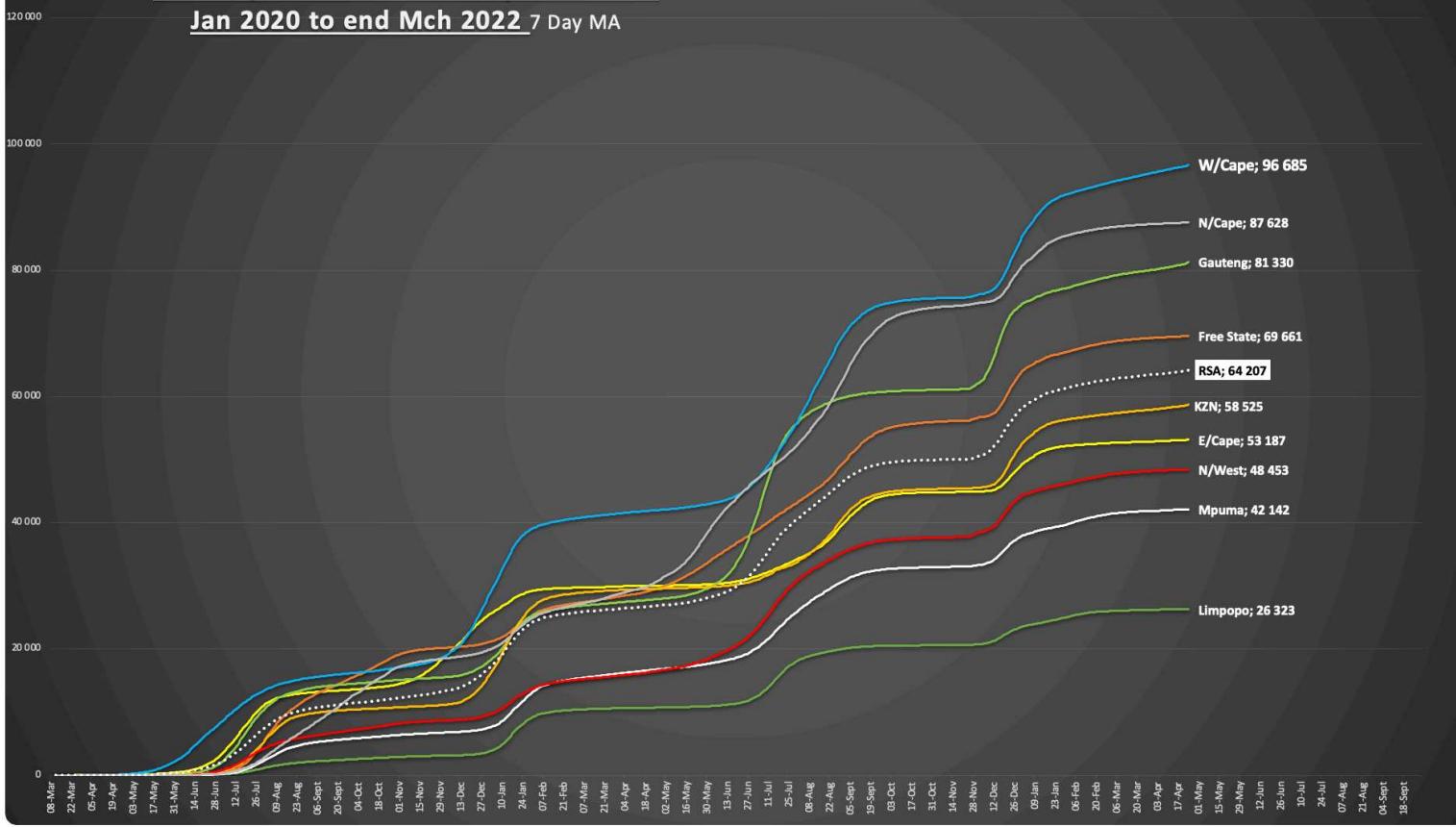
The red lines are weekly Covid deaths as reported by Dept of Health.  
The blue lines are total Natural Deaths as reported by Dept of Home Affairs.  
The differences are the so called "Excess Deaths" which can largely be ascribed to Covid, either directly (home/rural deaths) and/or indirectly (limited access to hospitals).

## RSA Provinces Key Metrics per million PoP (Jan 2020 to end Mch 2022)

Page 5

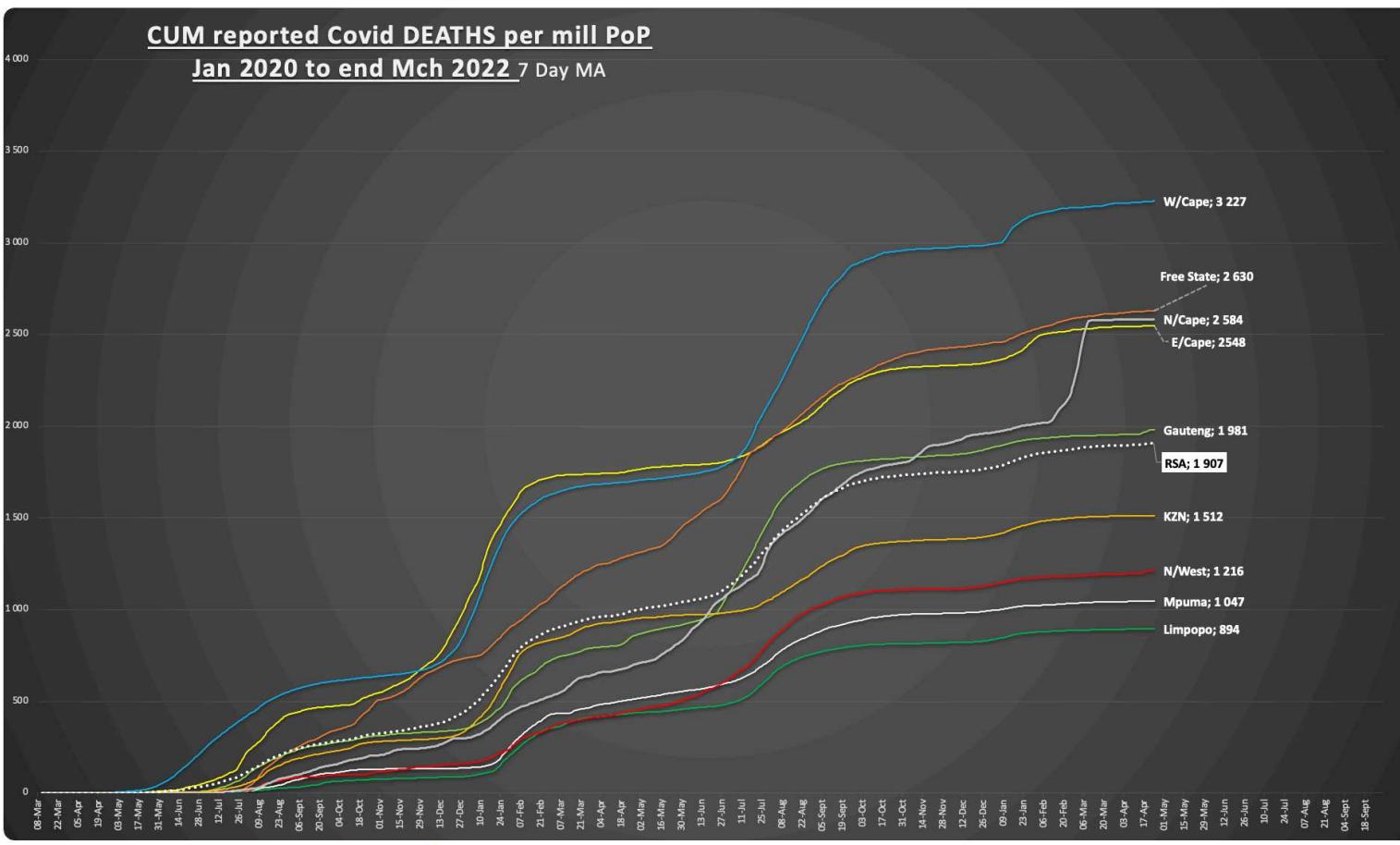
### CUM reported Covid CASES per mill PoP

Jan 2020 to end Mch 2022 7 Day MA



### CUM reported Covid DEATHS per mill PoP

Jan 2020 to end Mch 2022 7 Day MA



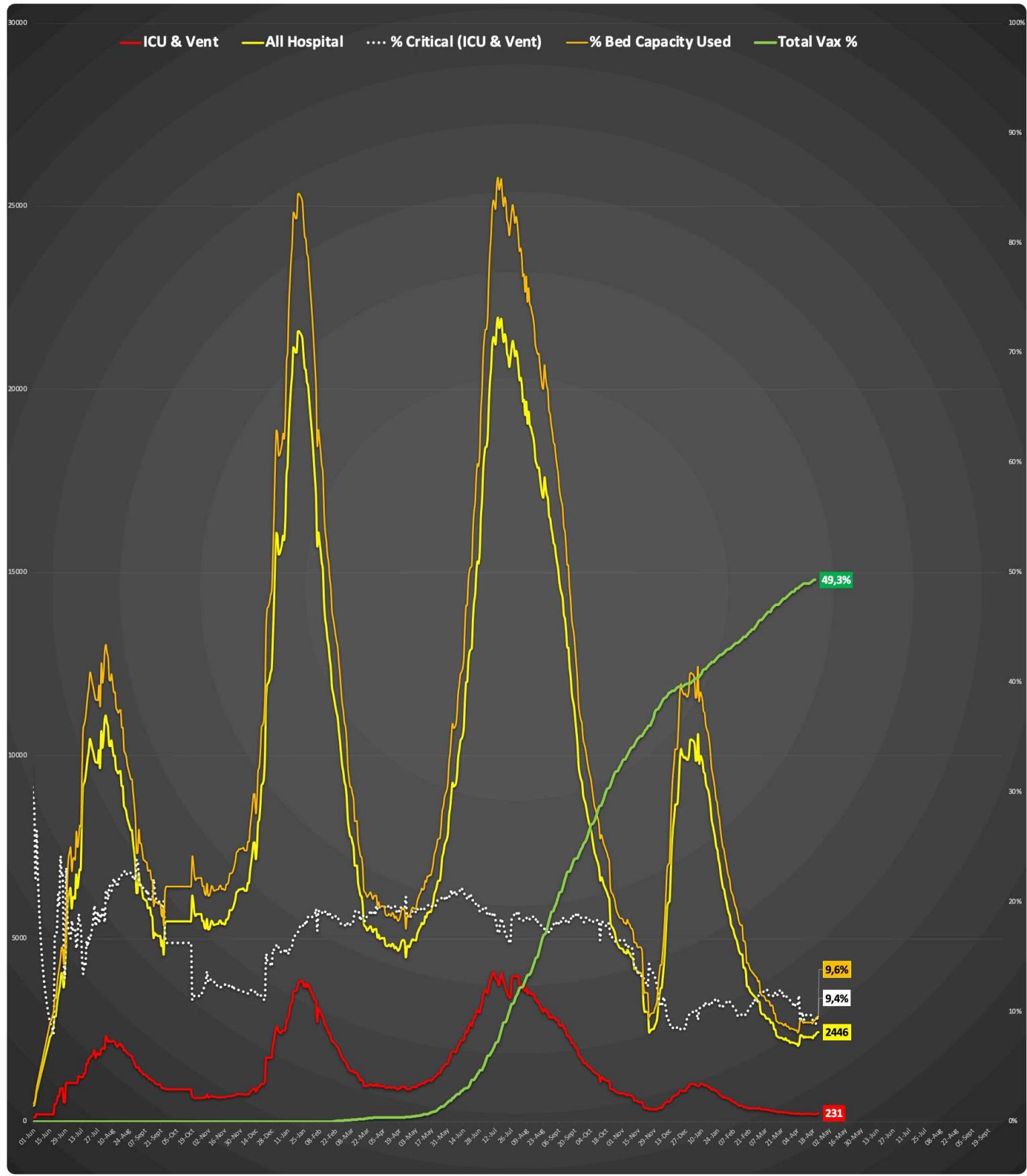
Data as at:

23 April 2022

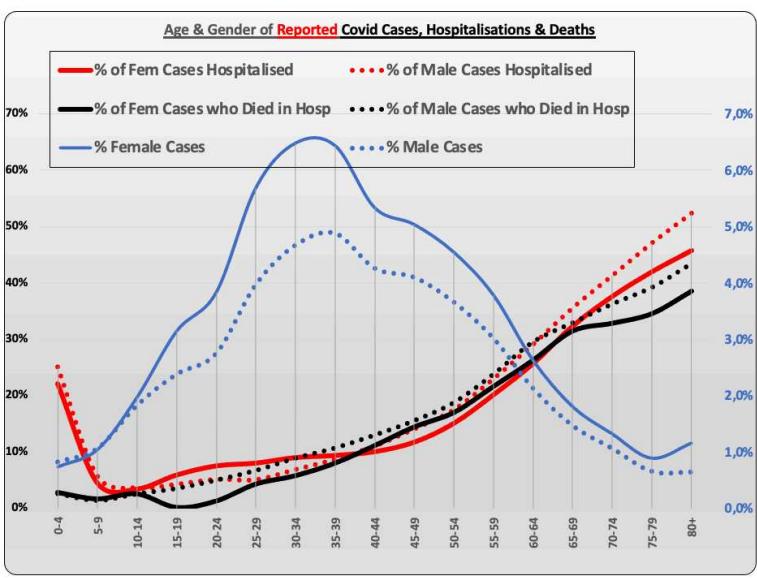
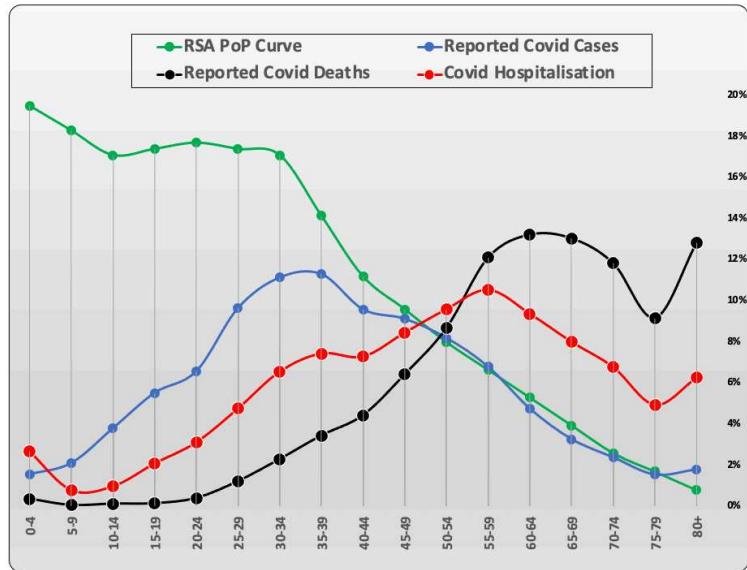
hdg

24 April 2022

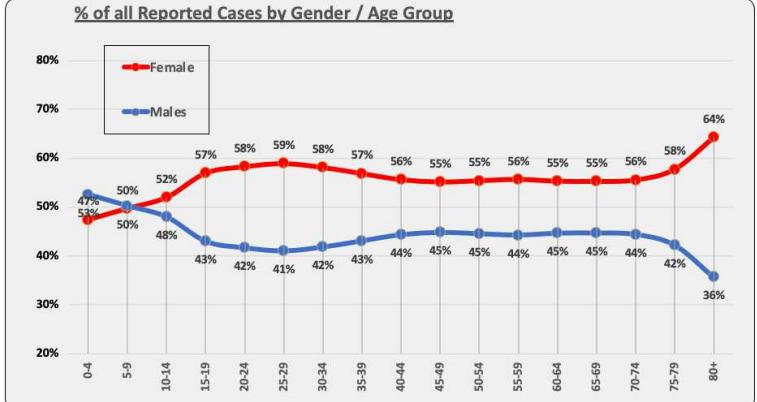
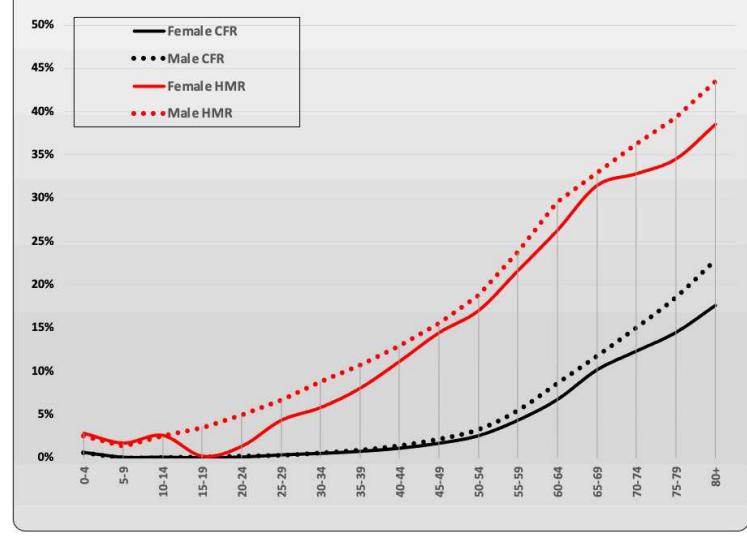
## RSA Daily Covid Cases In Hospital v Vaxxing : Mch 2020 to end Mch 2022 (actual not MA)



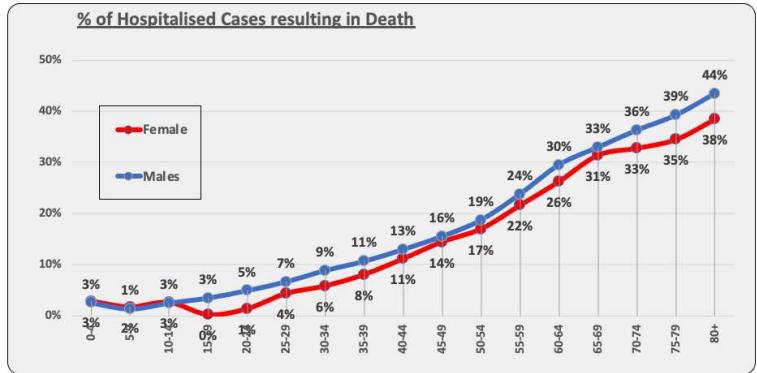
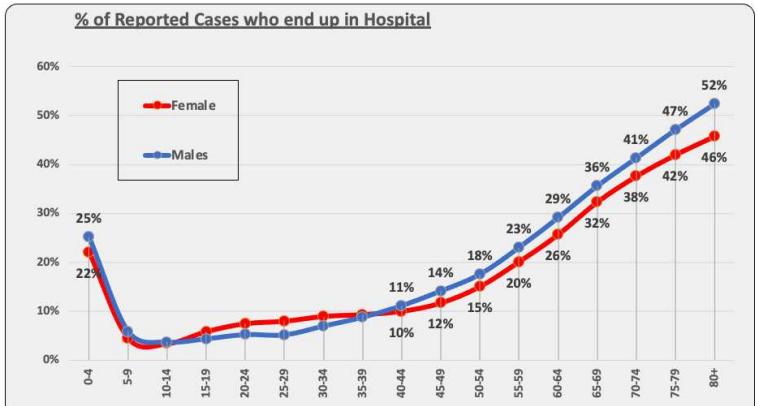
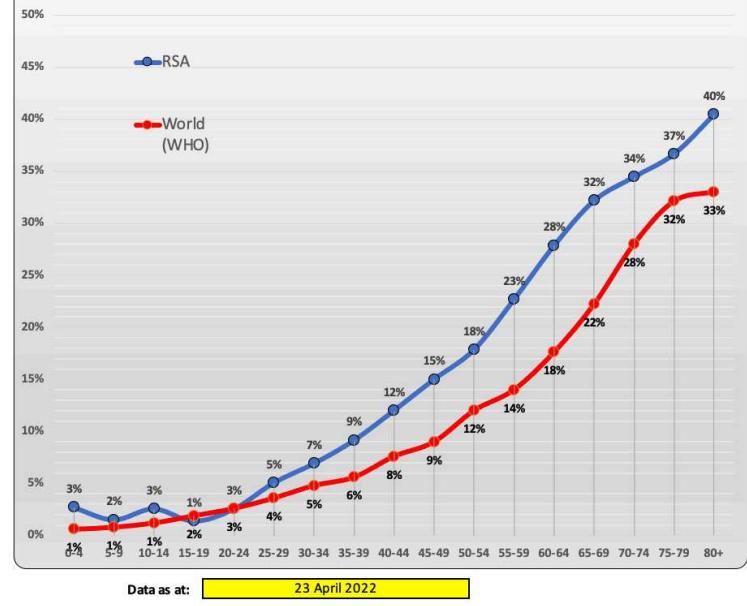
## RSA Demographic Stats



### Case Fatality Rates (CFR) & Hospital Mortality Rates (HMR)



### "Probability of DYING" based on % Deaths of Hospitalised Cases in each Age Group



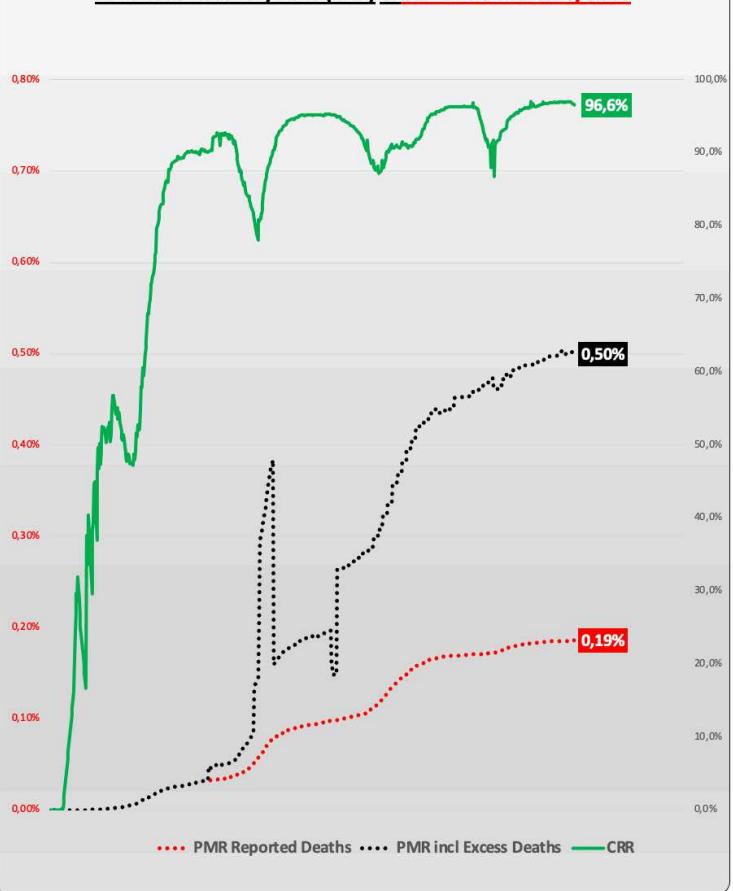
Data as at: 23 April 2022

hdg 24 April 2022

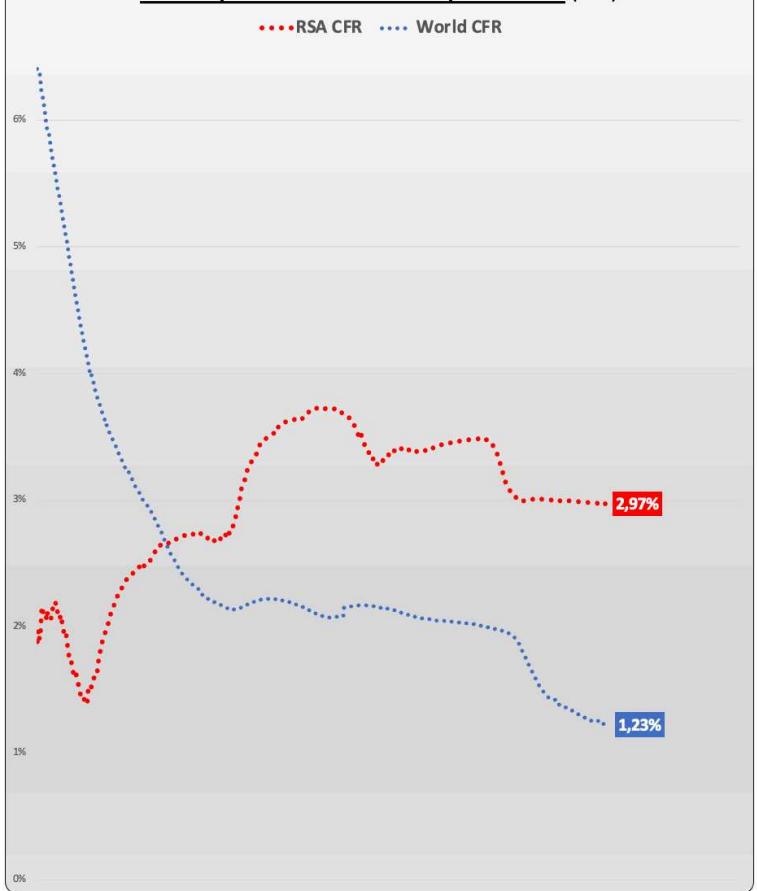
## RSA Key Ratios & Comparators (all graphs from Jan 2020)

Page 6.1

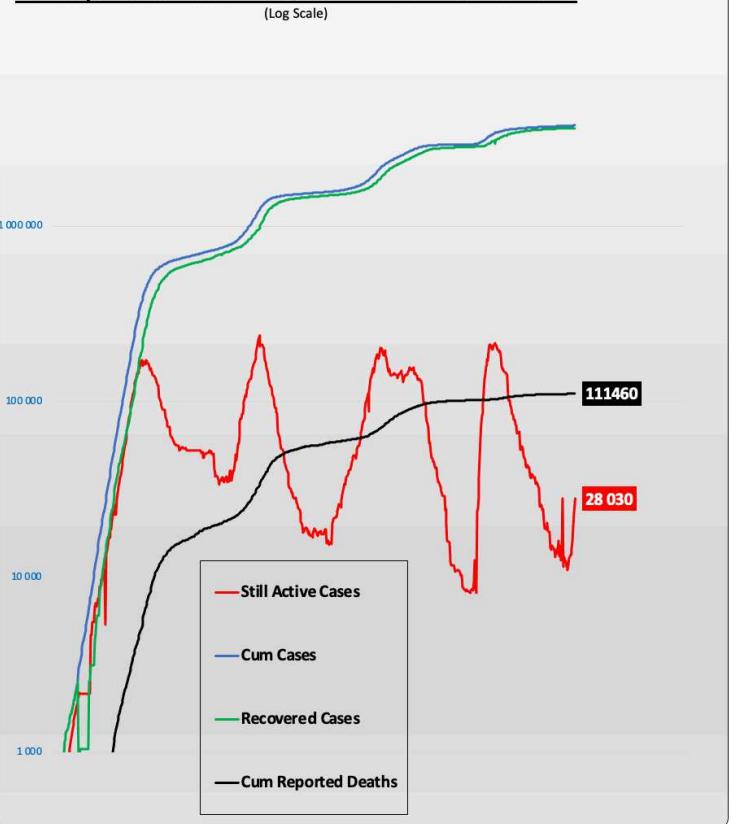
### RSA: Case Recovery Rate (CRR) & PoP Covid Mortality Rate



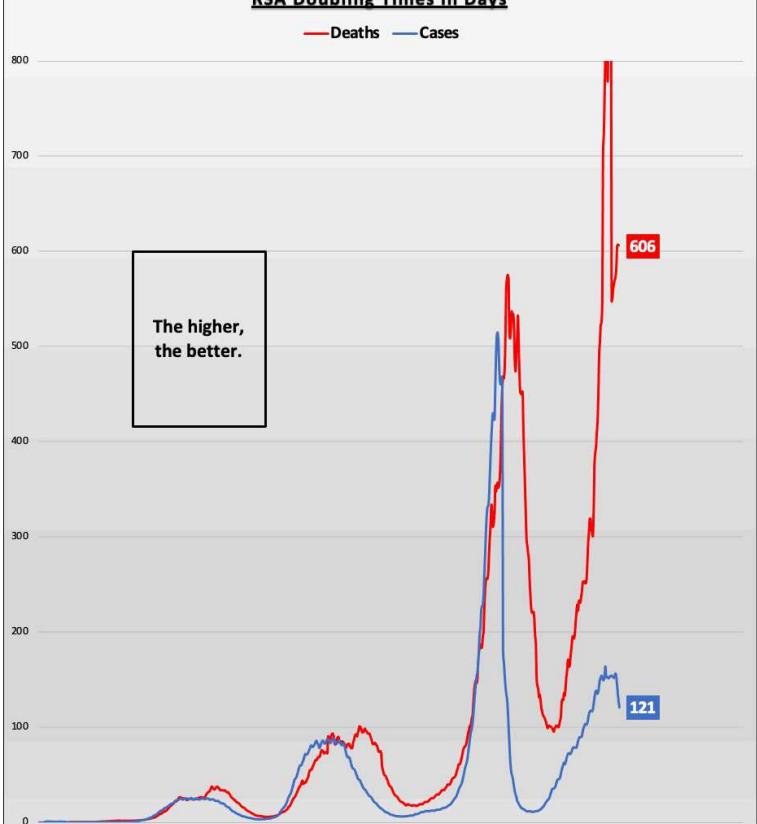
### Covid Reported Deaths as % of Reported Cases (CFR)



### RSA: Reported Cases v Still Active Cases v Recovered v Deaths



### RSA Doubling Times in Days



Data as at:

23 April 2022

Unless otherwise indicated

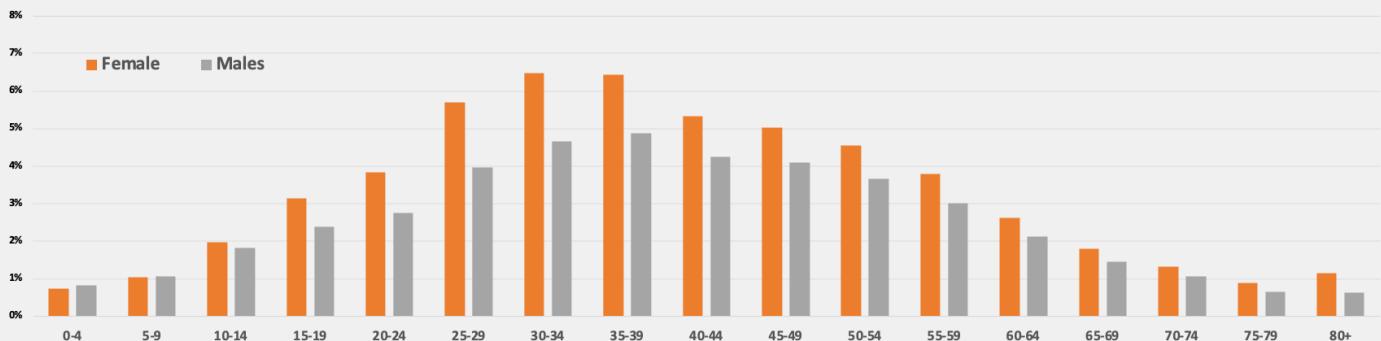
hdg

24 April 2022

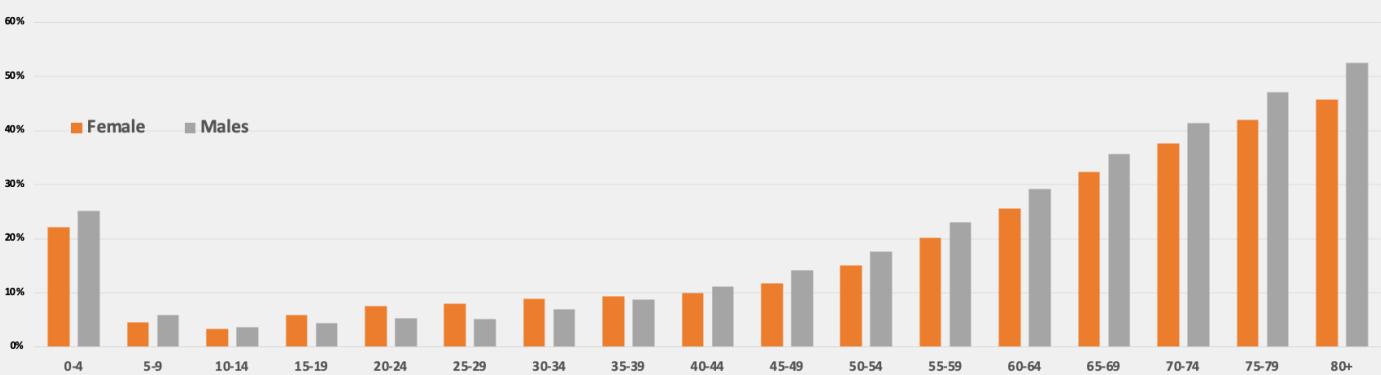
## Gender & Age Data

Page 6.2

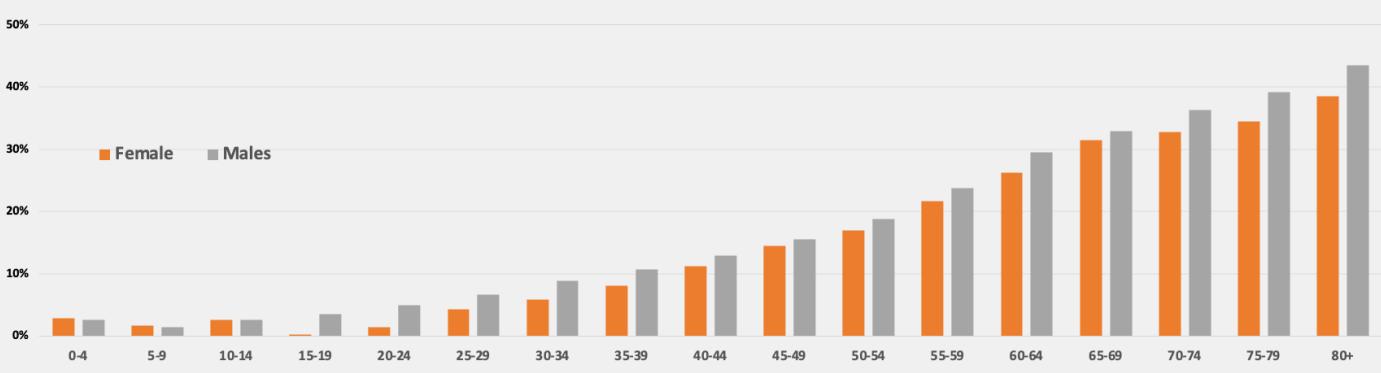
% of all Reported Cases by Gender / Age Group  
(Updated weekly)



% of Reported Cases who end up in Hospital  
(Updated weekly)



% of Hospitalised Cases resulting in Death  
(Updated weekly)

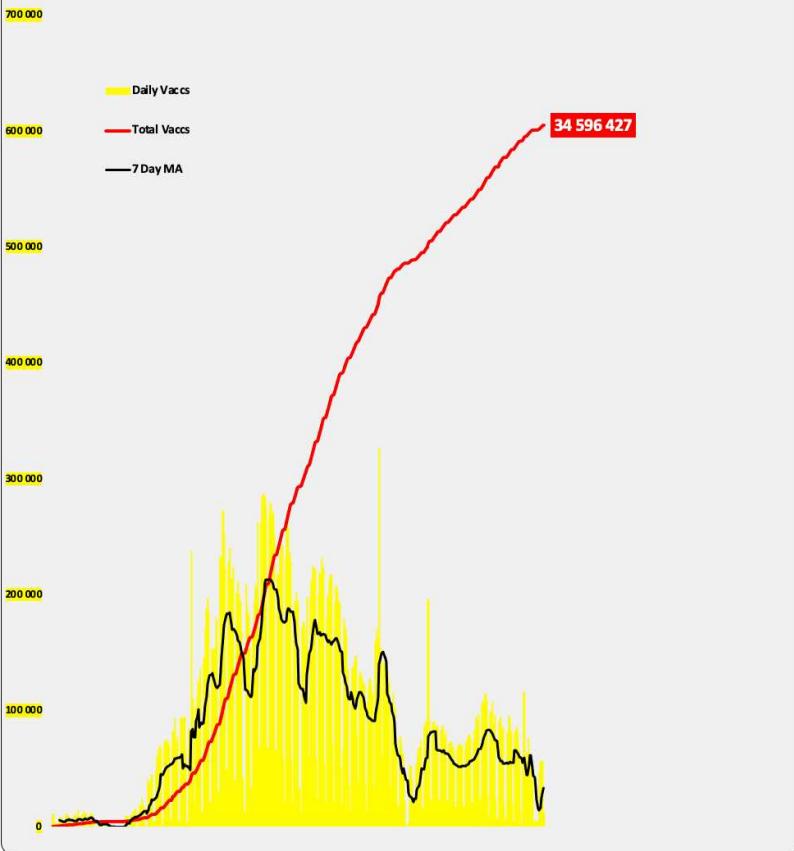


## Vaccination Data

## Vaccine Efficacy

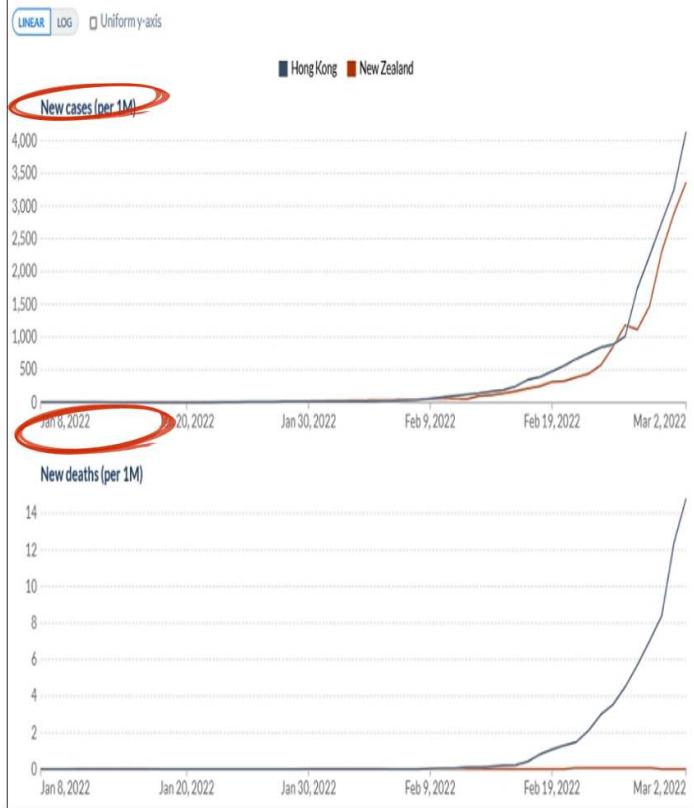
Page 7

### RSA DAILY VACCINATIONS (ALL VAX)



Daily new confirmed COVID-19 cases & deaths per million people

7-day rolling average. Limited testing and challenges in the attribution of cause of death means the cases and deaths counts may not be accurate.



### Total Adult Population [18 Years and Older] (1)

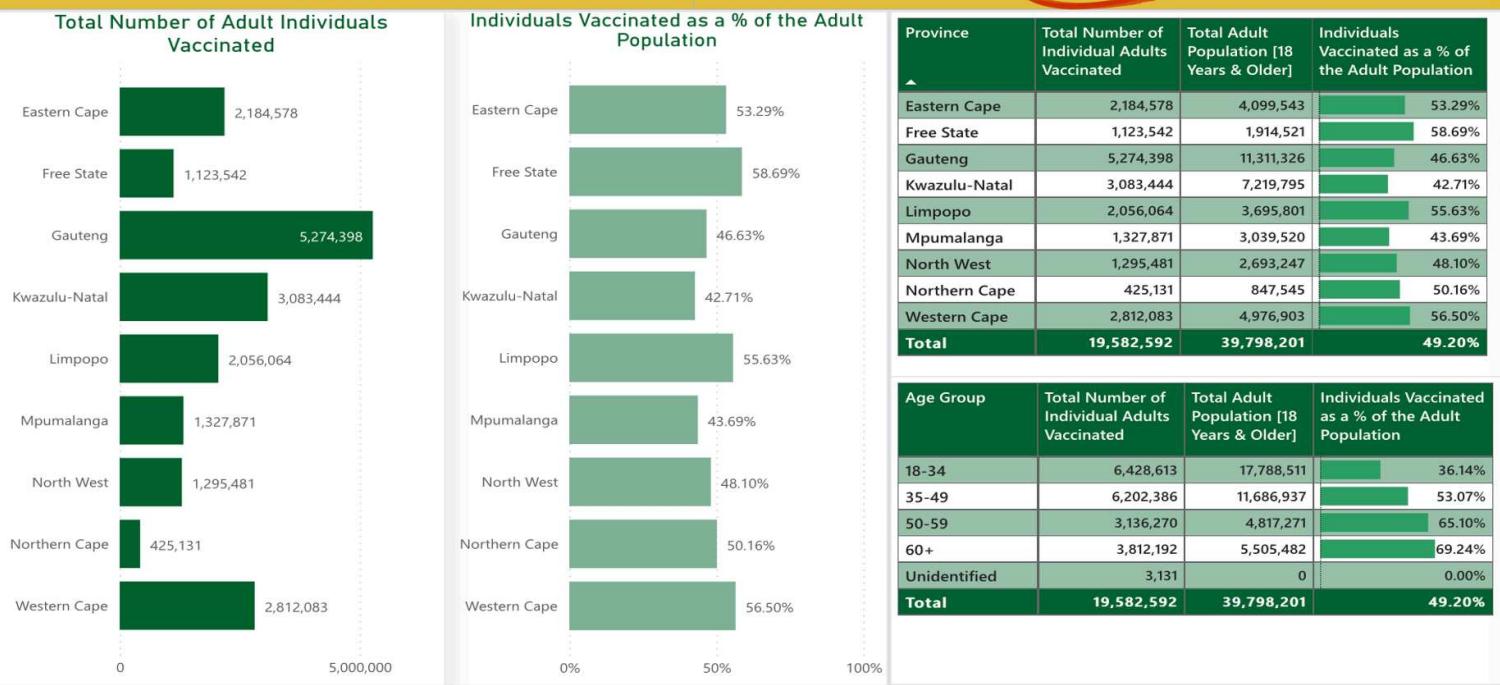
39,798,201

### Total Number of Adult Individuals Vaccinated (2)

19,582,592

### Individuals Vaccinated as a % of the Adult Population (3)

49.20%



Data as at:

23 April 2022

Unless otherwise indicated

hdg

24 April 2022

Our World  
in Data

## Some food for thought.....



AMIT CHAUDHURI The Washington Post 11/28/2021