

HarryG COVID-19 StatsPack

Deteriorating

Improving

Compared to previous day

Page 1

Cum Cases		Daily Cases	
3 785 398	4 954		
Still Active +Cases	Cum Cases p mill PoP	Cum Deaths p mill PoP	
38 797	63 219	1863	
Deaths Avg	Ages Median	Deaths Min Age	Deaths Max Age
62,3	53,1	0,2	108

RSA COVID-19 DASHBOARD as at: 30-Apr-22

Daily Still in Hospital

2398

Case Fatality Rates (CFR):
Reported Cases Hospital Cases

2,95%

19,74%

Deteriorating

Improving

Compared to previous day

Vaccinations:

Daily Avg past 7 days

48 339

Daily Avg since start

81 360

Total

34 864 969

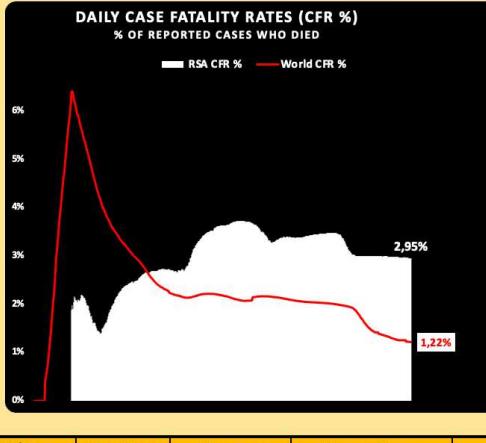
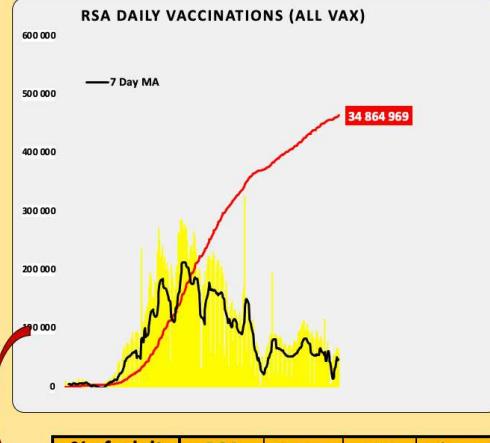
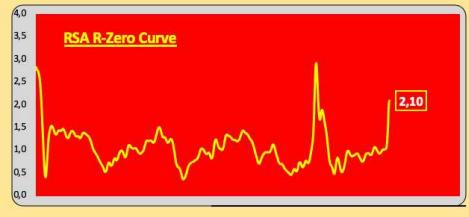
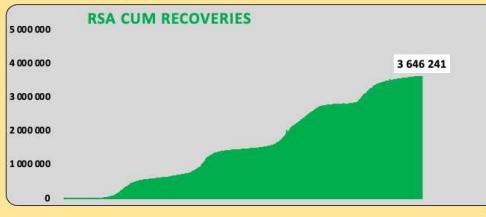
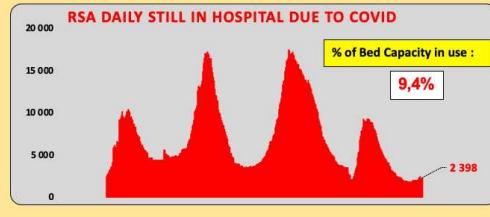
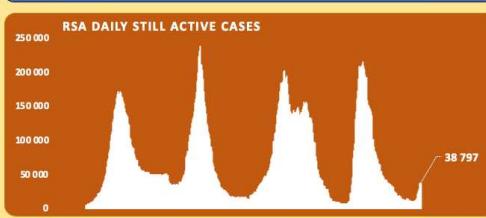
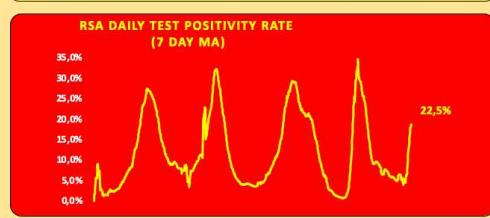
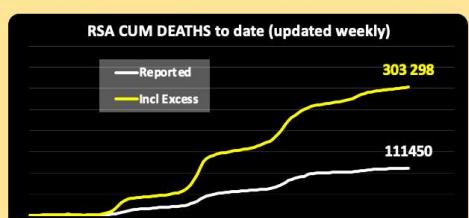
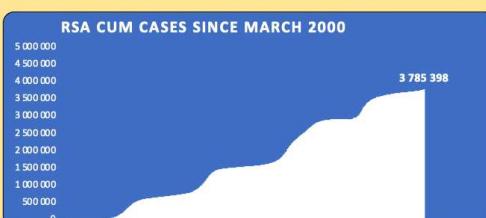
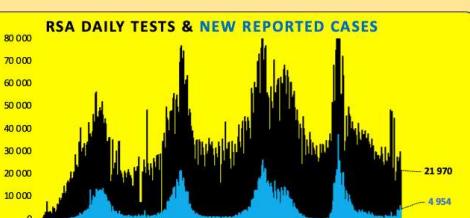
Cum Tests Daily Tests

24 445 151 21 970

Daily Test Positivity Rate:

22,5%

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

% of adult PoP VAXXED:	RSA	Gauteng	KZN	E/Cape	W/Cape	Free State	Limpopo	Mpumalanga	N/West	N/Cape
49,3%	49,3%	46,8%	42,8%	53,4%	56,6%	58,8%	55,8%	43,8%	48,2%	50,3%

(Updated weekly)

Progress Ranking by Province :

29 April 2022

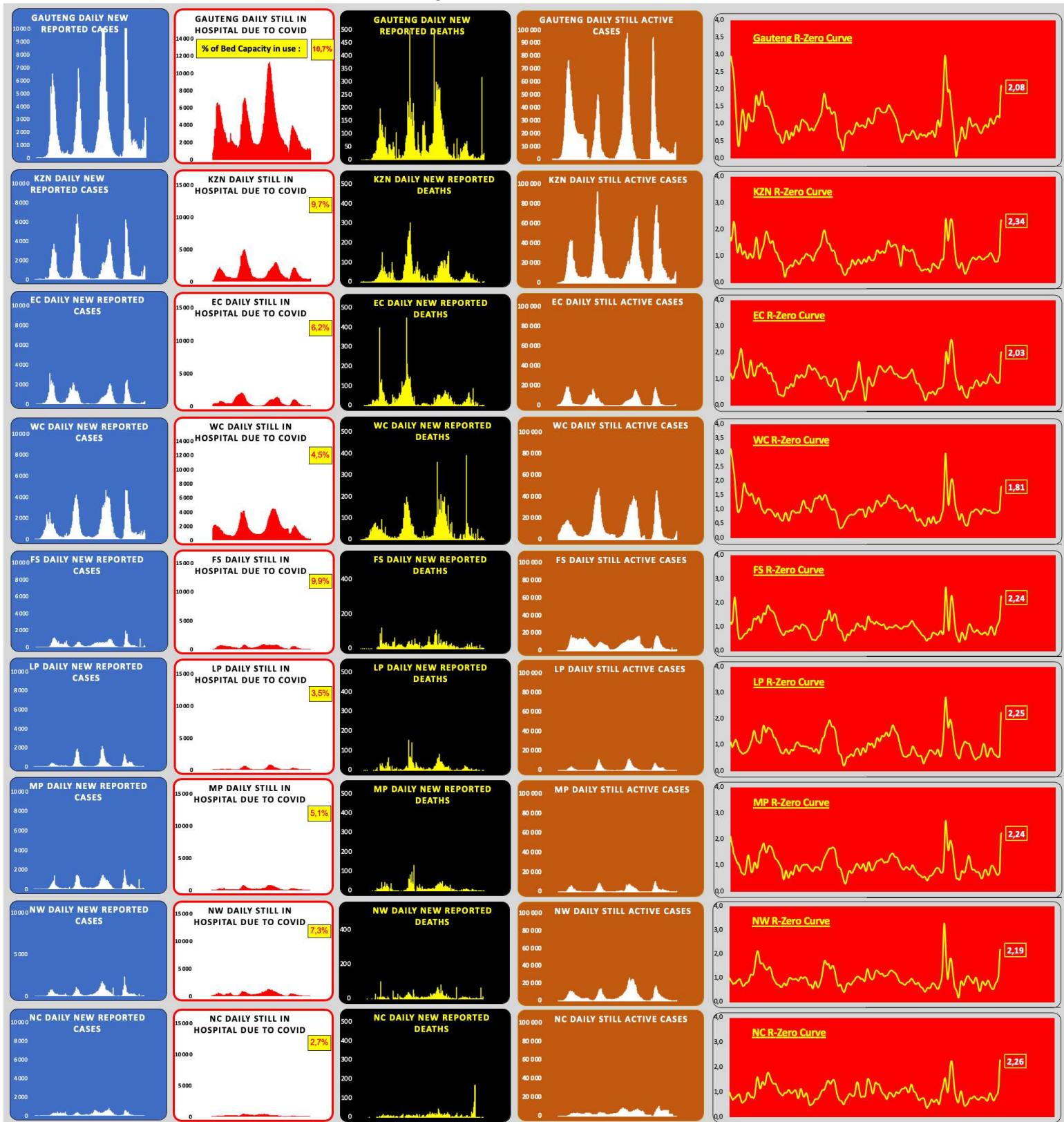
Unless otherwise indicated

hdg

30 April 2022

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

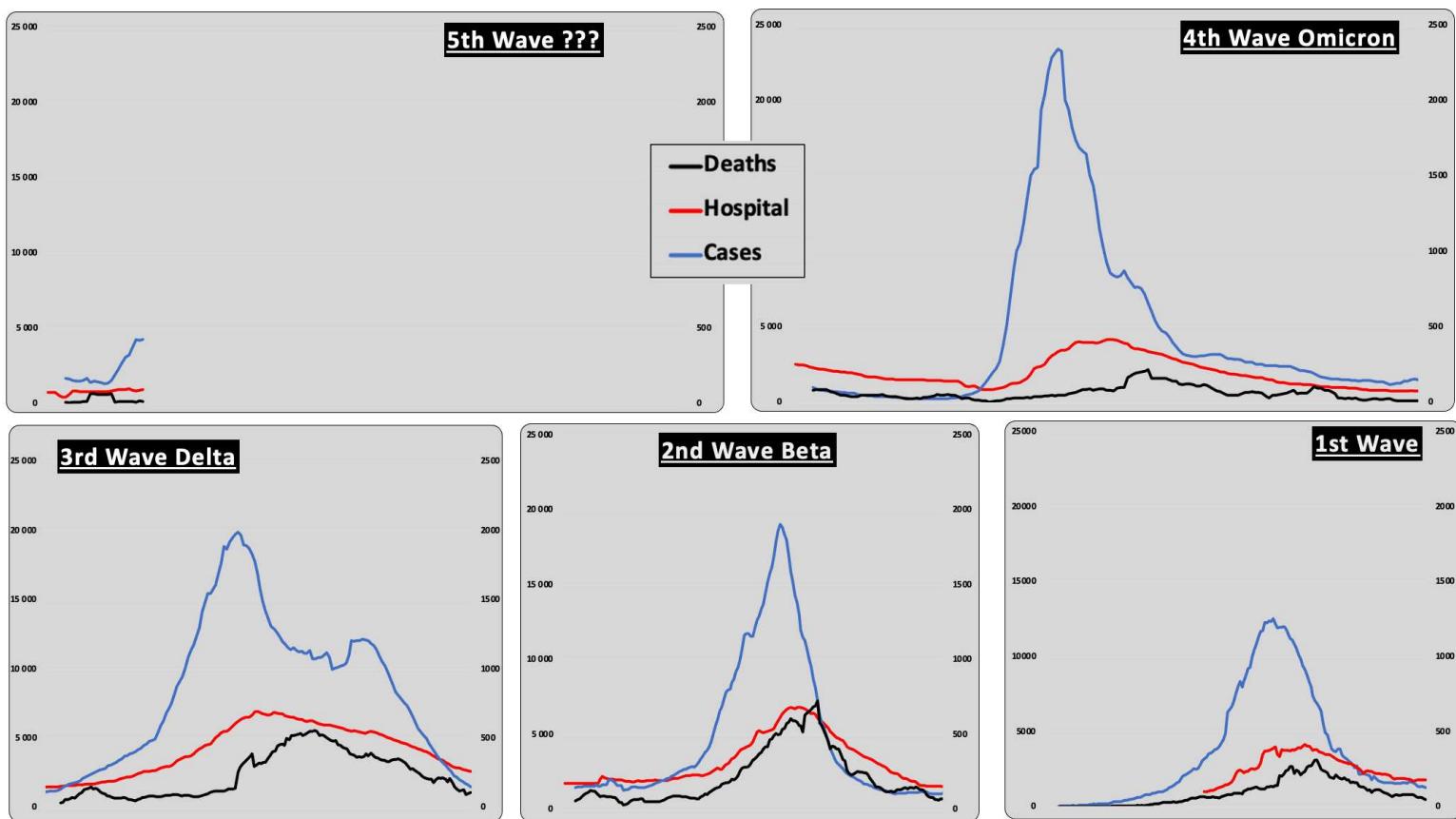
Page 1.1



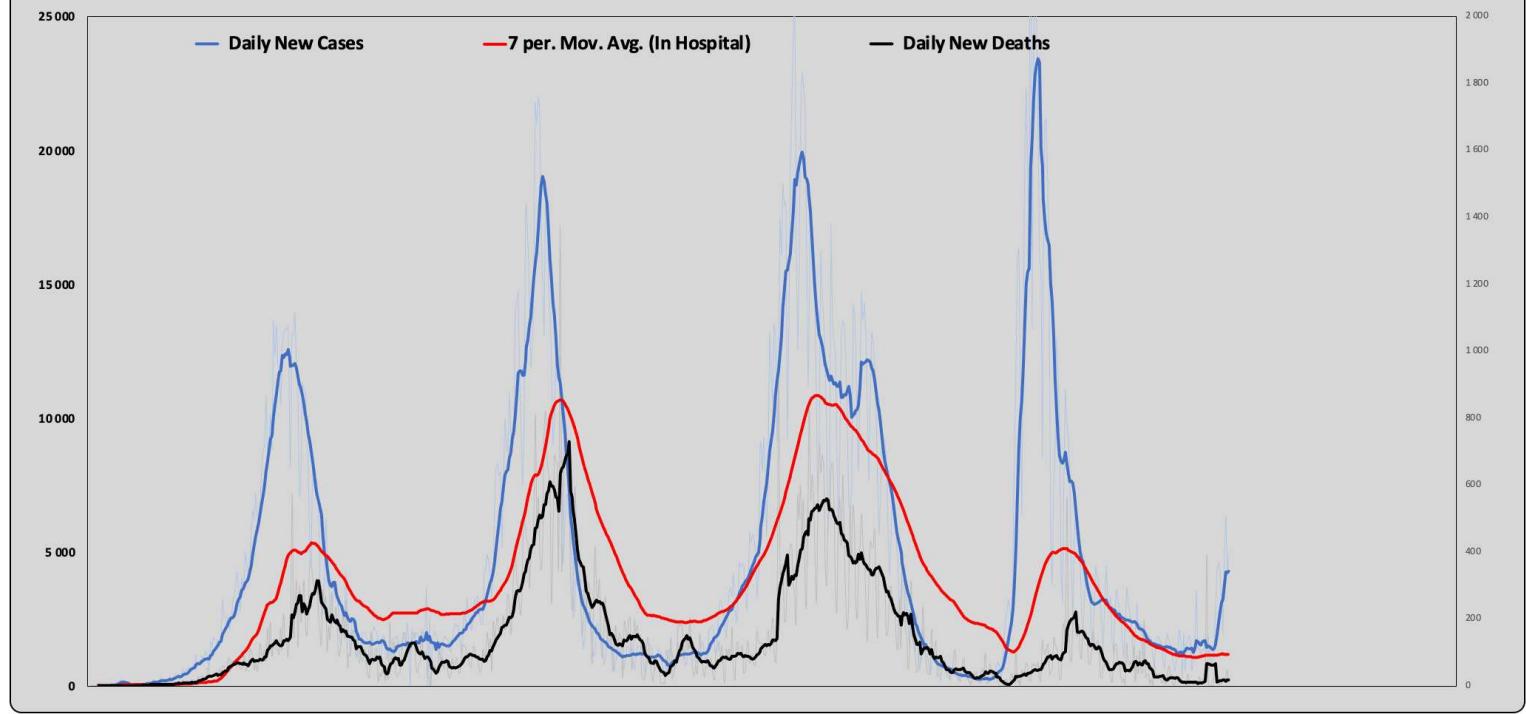
R-ZERO data sourced from: [REPRODUCTION.LIVE](https://reproduction.live)

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)

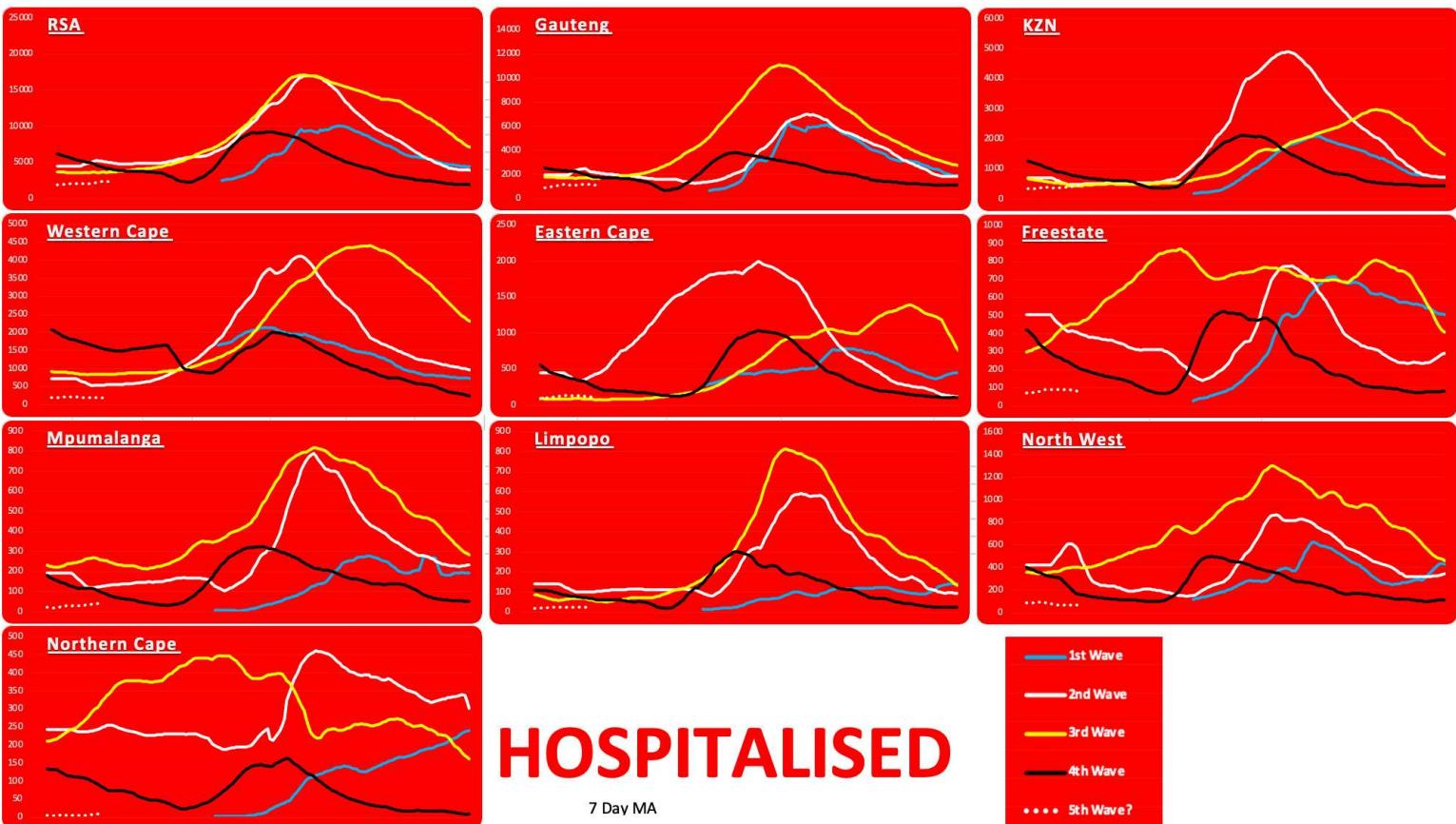
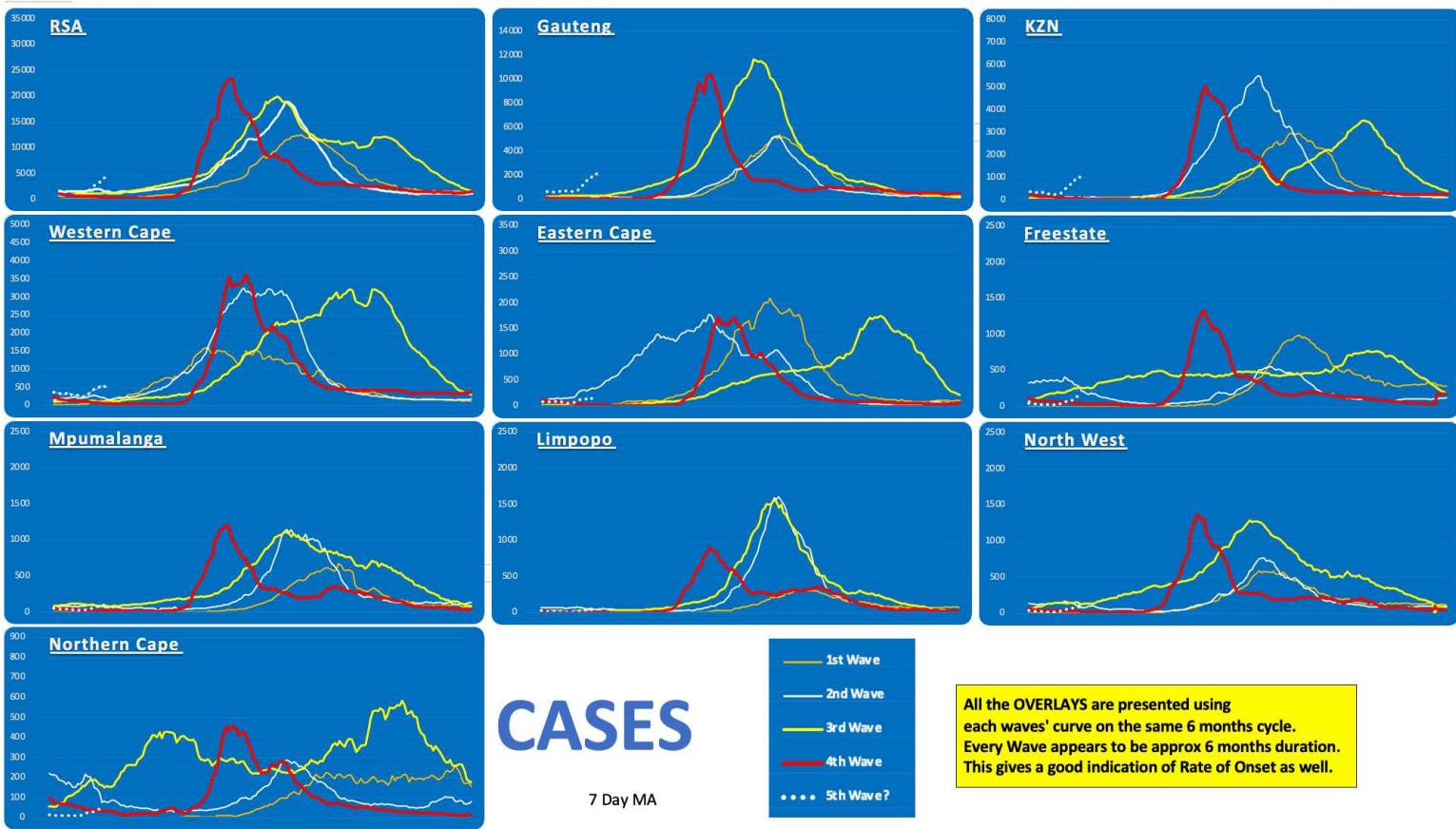


Data as at: 29 April 2022 Unless otherwise indicated

hdg 30 April 2022

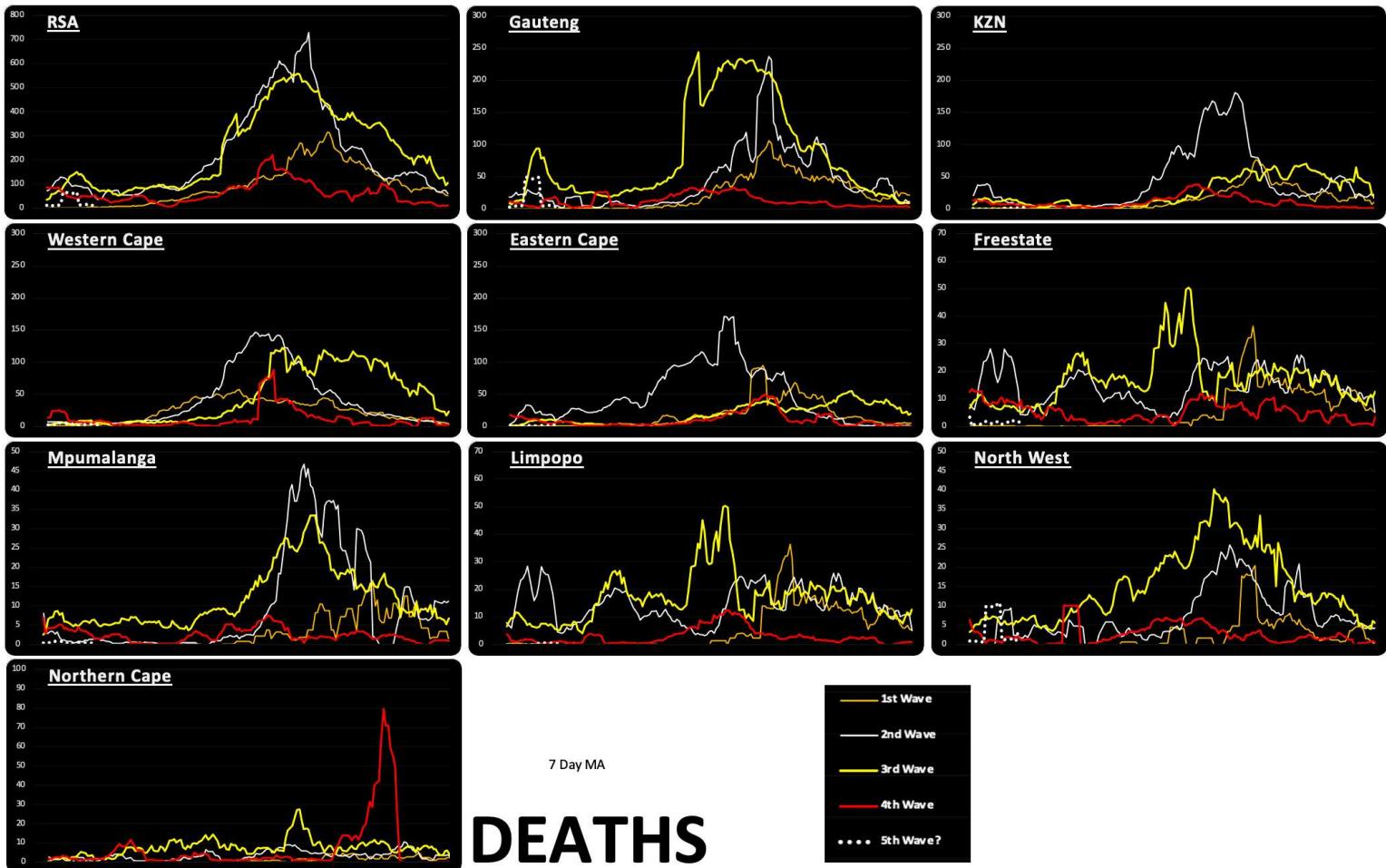
1st / 2nd / 3rd, 4th & 5th WAVE OVERLAYS

Page 2.1

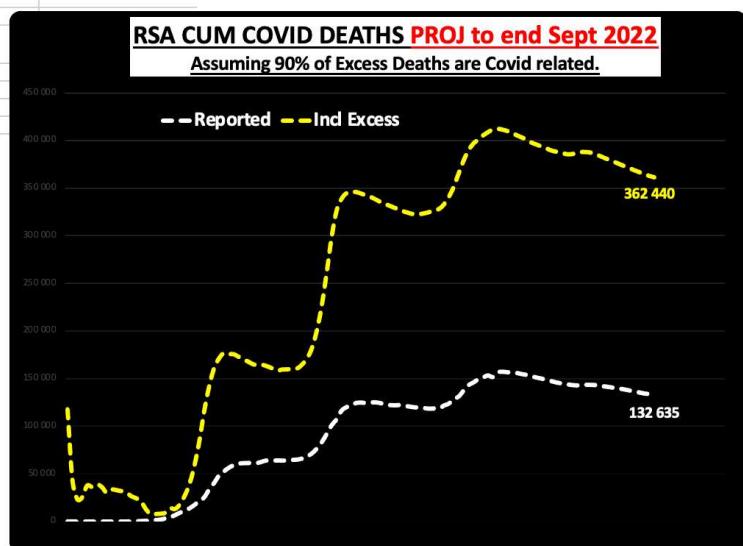
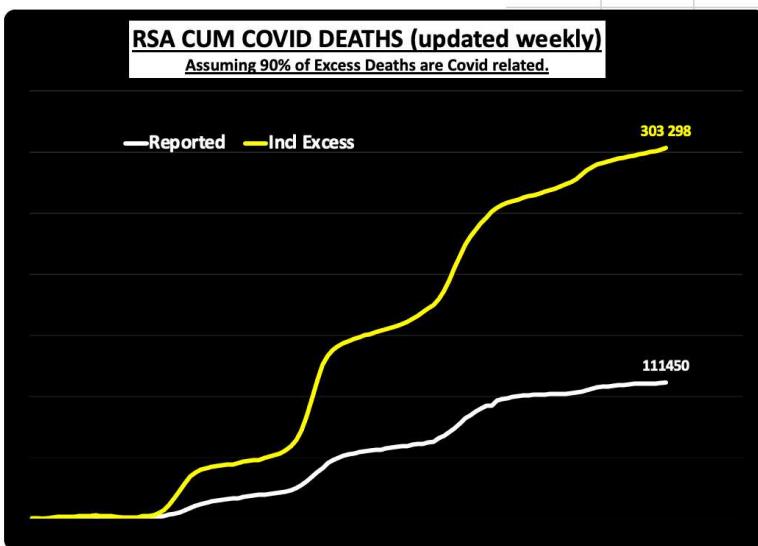


1st / 2nd / 3rd & 4th WAVE OVERLAYS (DAILY DEATHS)

Page 2.2

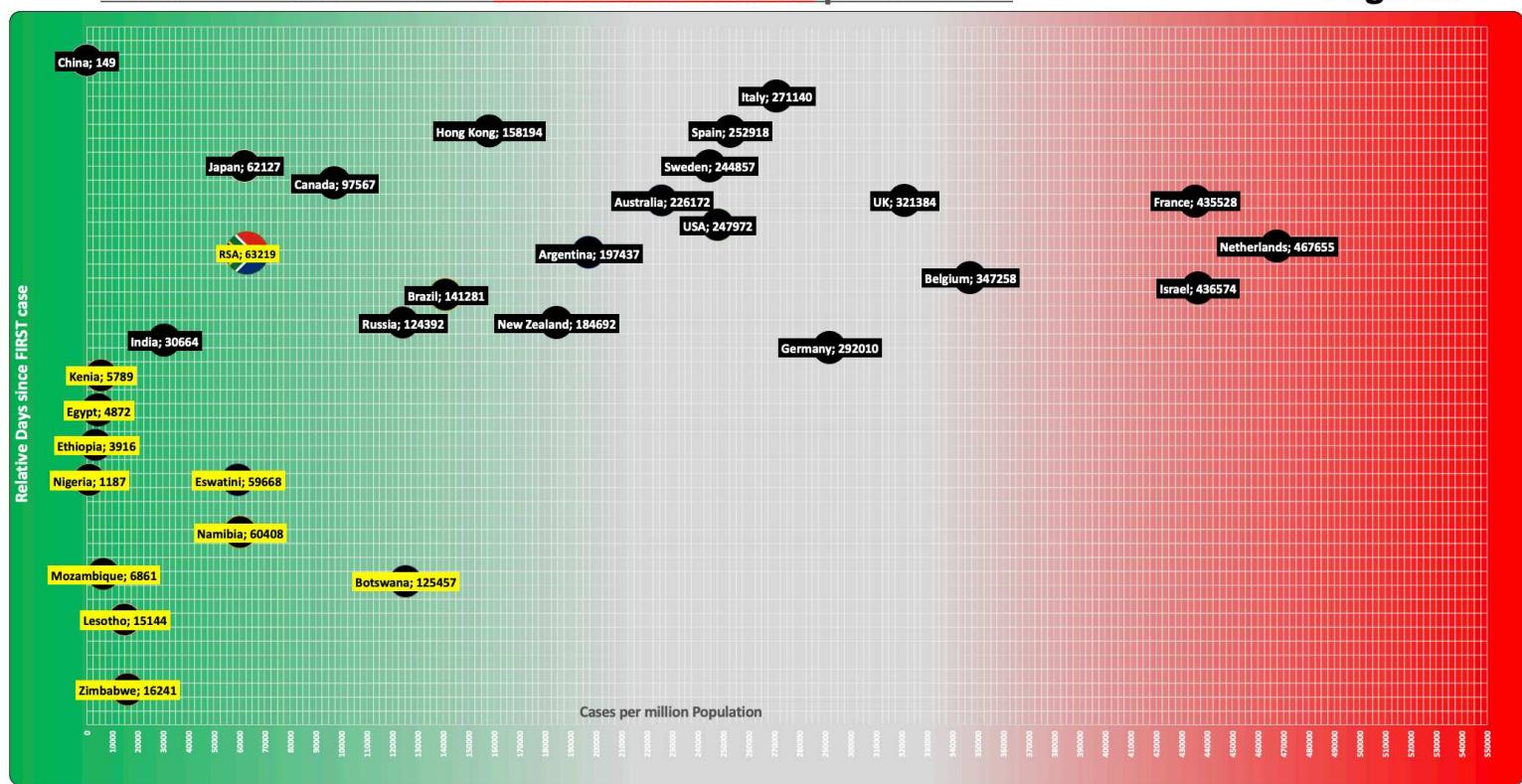


RSA Cum & Projected Deaths (Reported & Incl Excess)

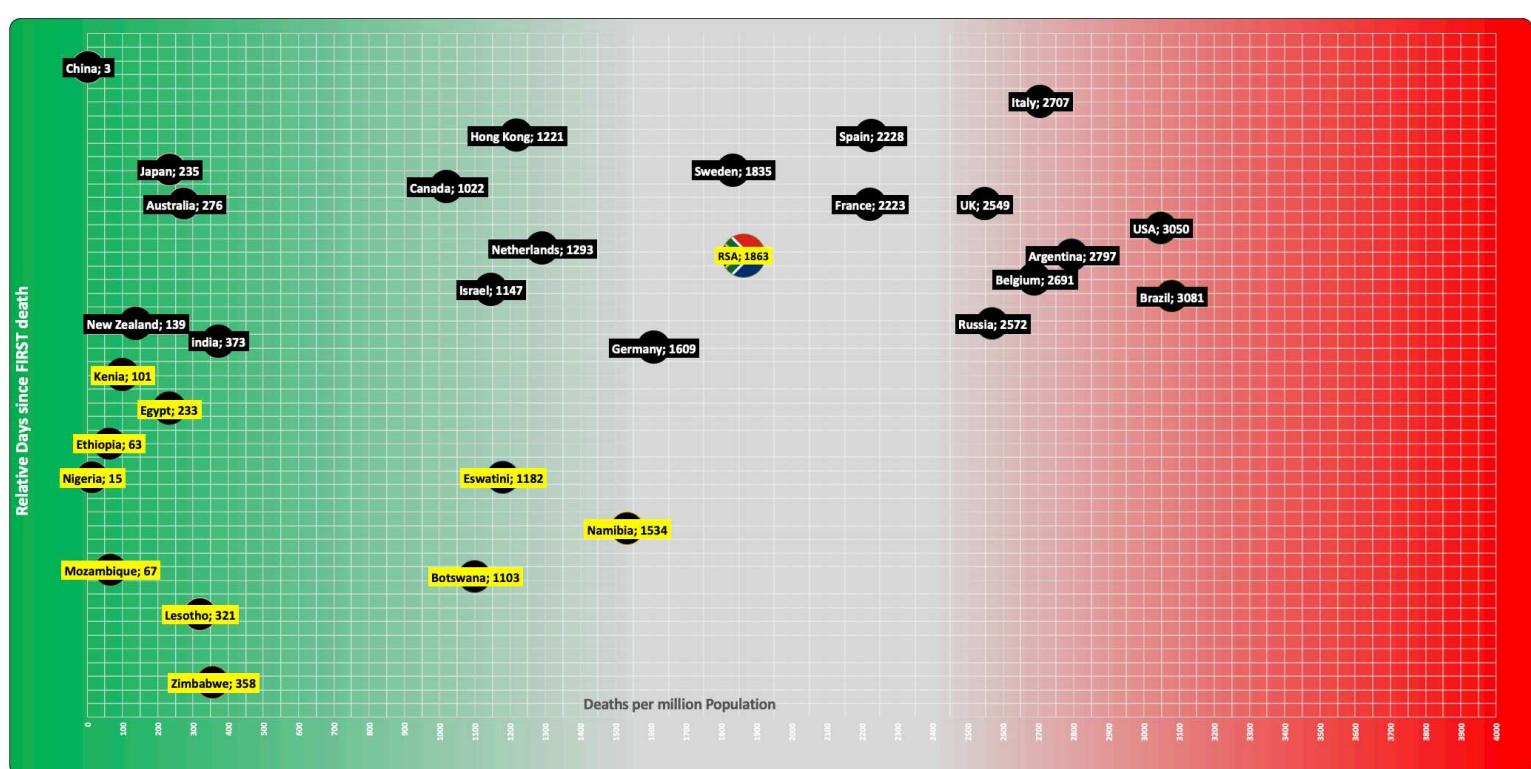


Selected Countries' Cum **REPORTED CASES** per mill PoP

Page 2.3

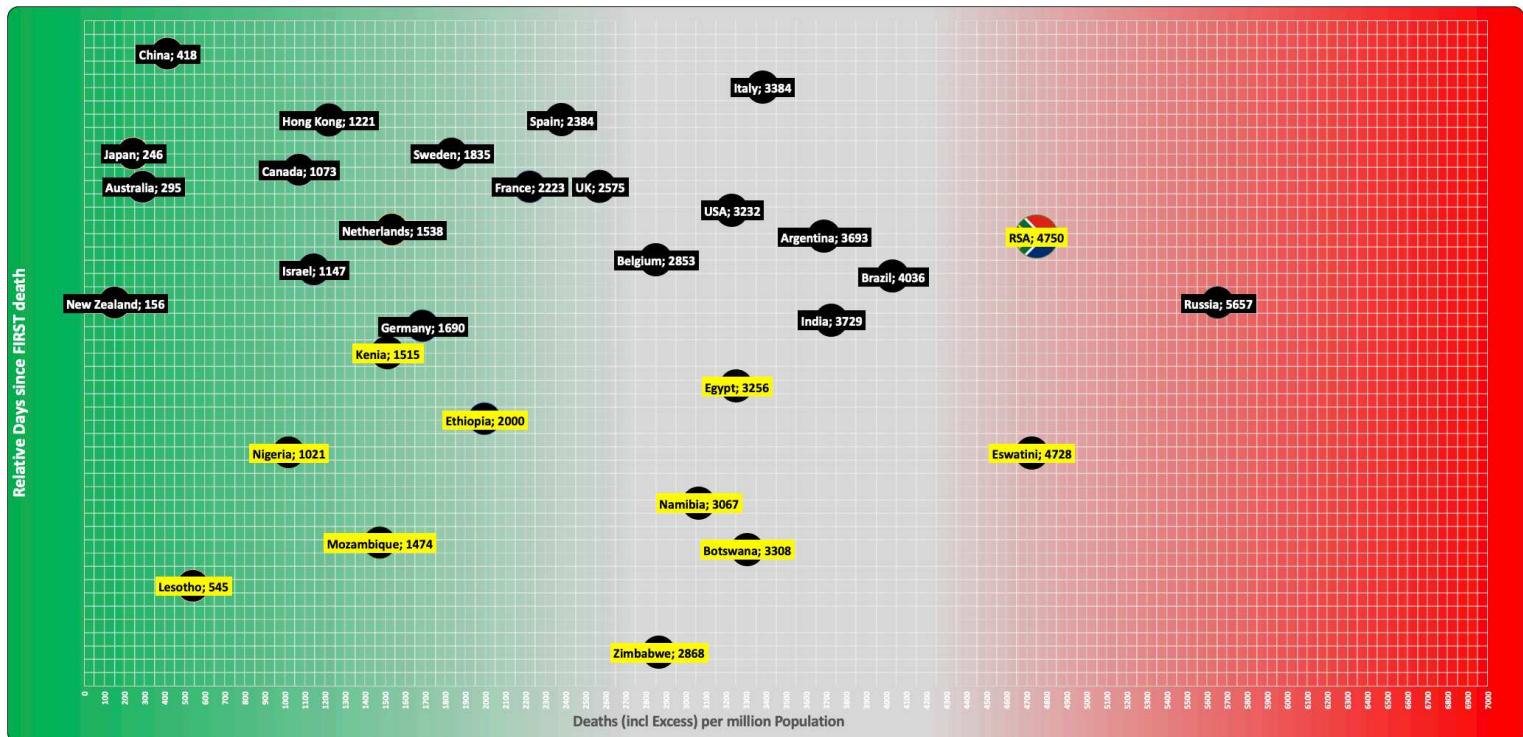


Selected Countries' Cum **REPORTED DEATHS** per mill PoP

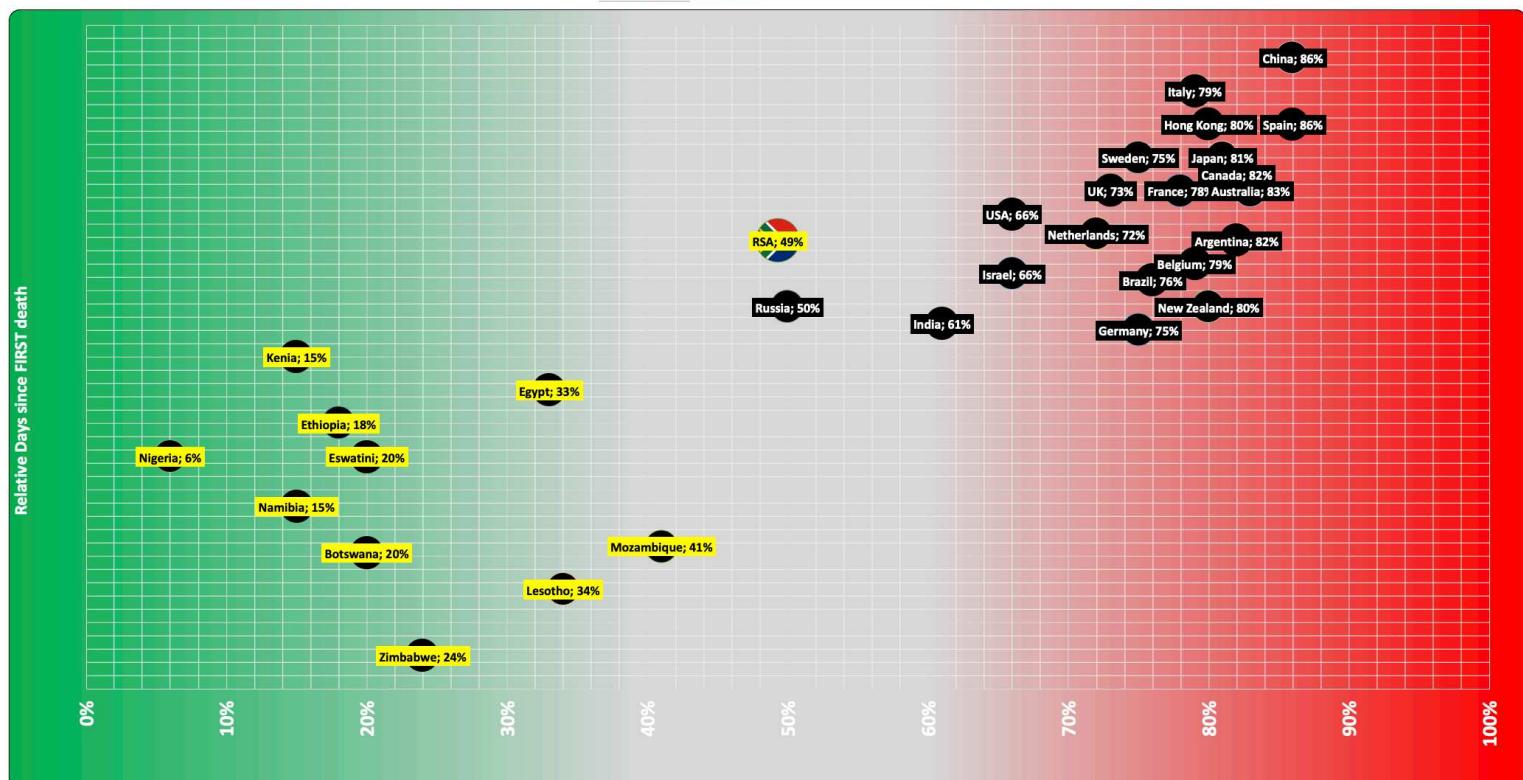


Selected Countries' Cum Deaths incl EXCESS DEATHS per mill PoP

Page 3.0



Selected Countries' VAX % of Total PoP



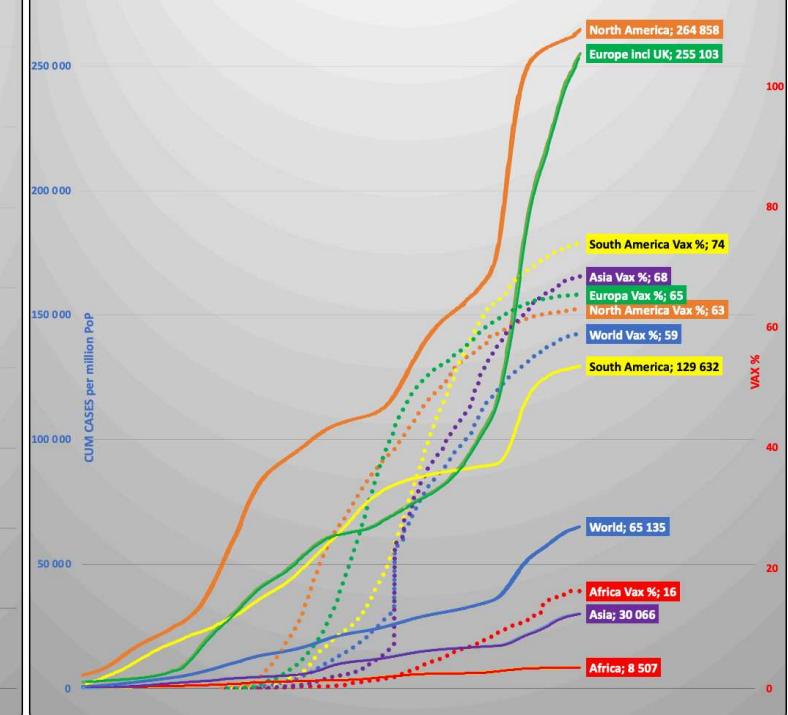
7 Day Moving Average of Daily Reported Deaths & Cases by World Region

Page 3.1

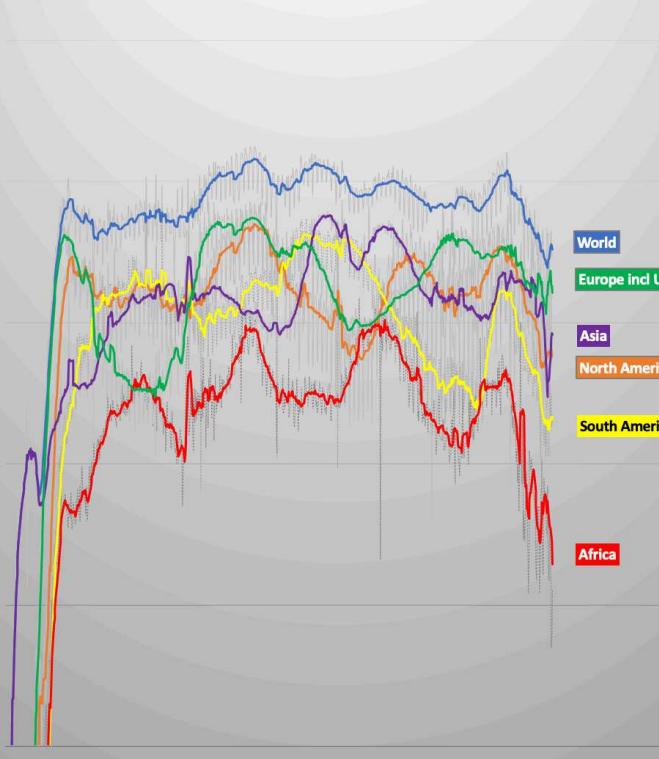
World Regions: 7 Day MA of Daily Cases (Log Scale)



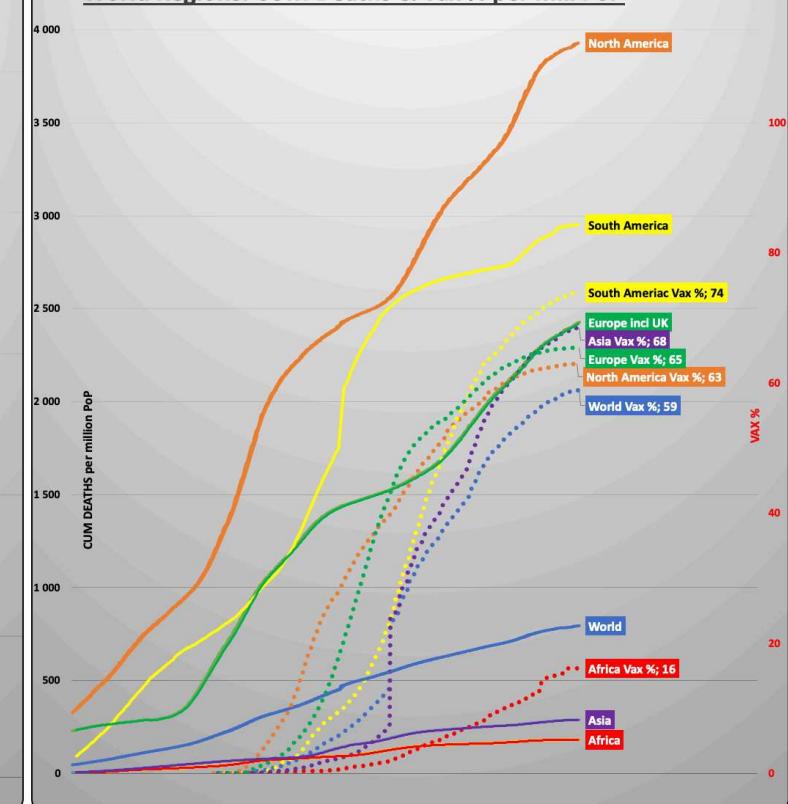
World Regions: CUM Cases & Vax % per mill PoP



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



World Regions: CUM Deaths & Vax % per mill PoP



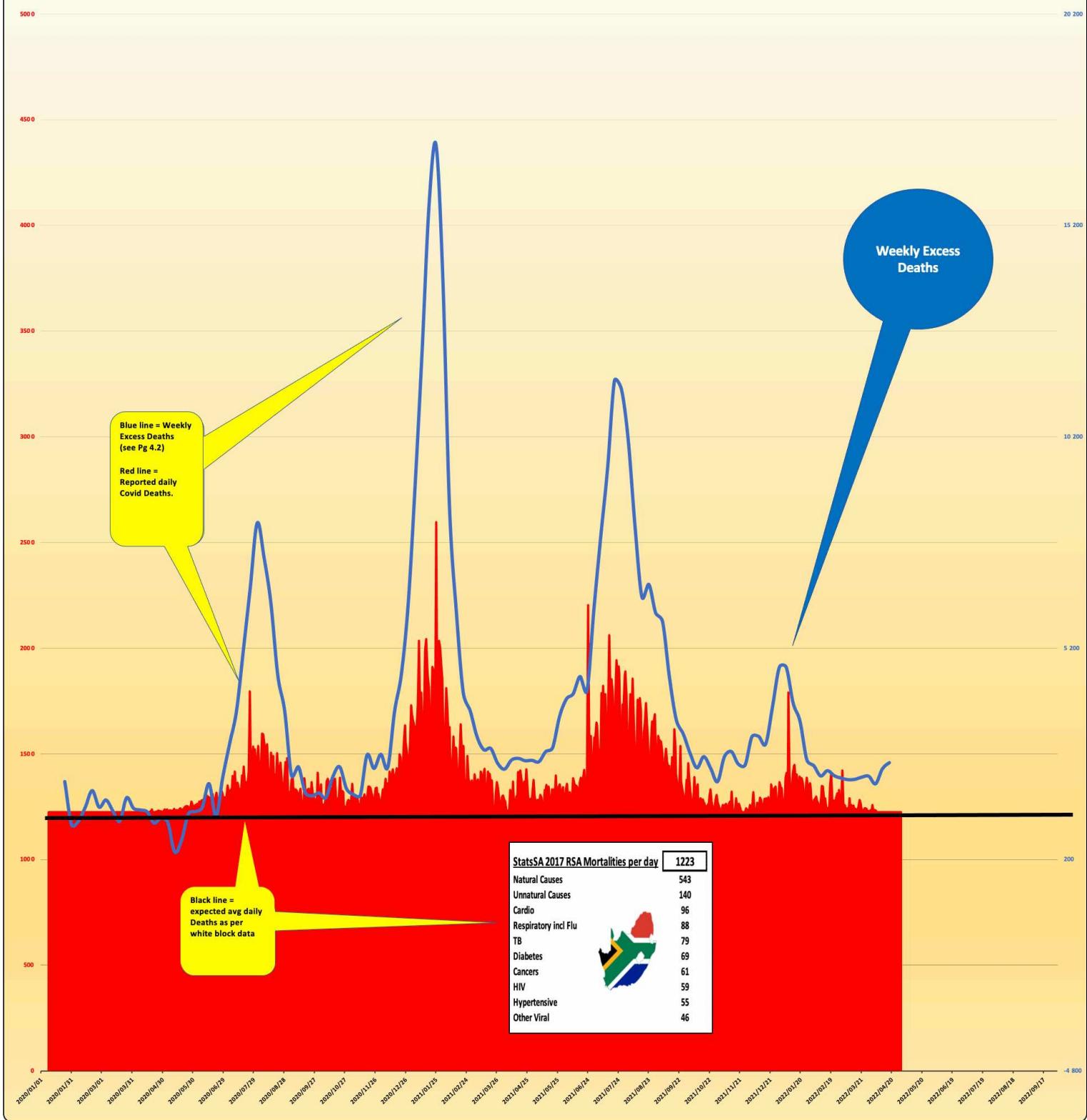
The graph below is an attempt to put the number of Covid Deaths into some sort of perspective graphically.

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

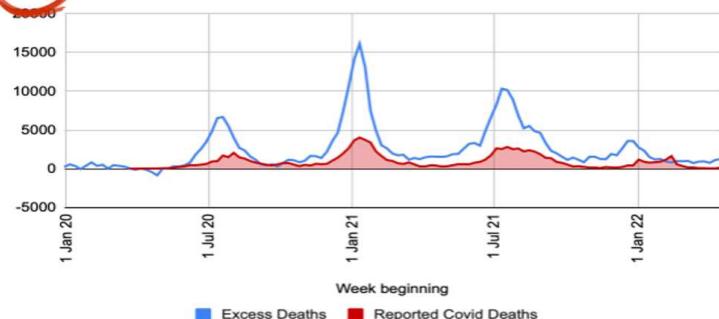
As at :

23 April 2022

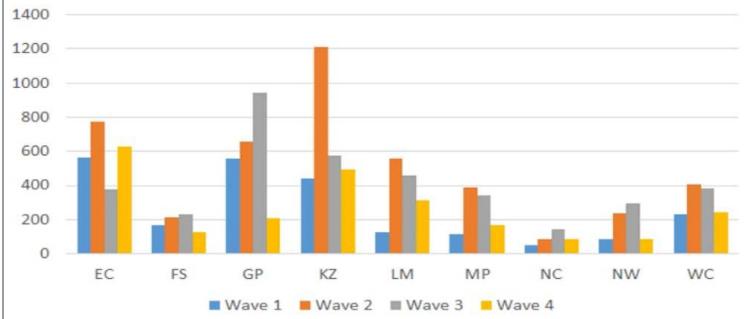
Page 4.1



RSA (Natural) Excess Deaths and Reported Covid-19 Deaths

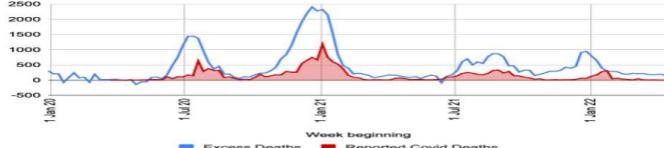


Excess deaths per week, by wave

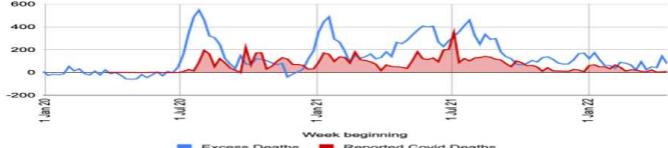


Provinces

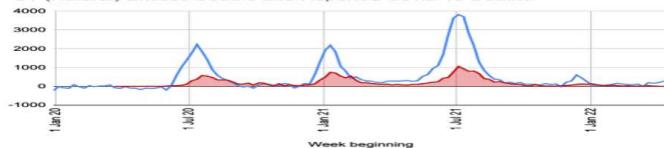
EC (Natural) Excess Deaths and Reported Covid-19 Deaths



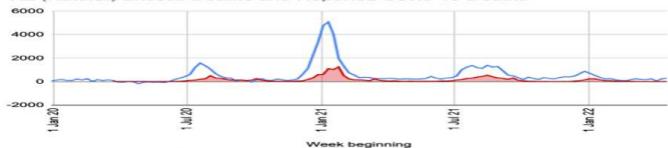
FS (Natural) Excess Deaths and Reported Covid-19 Deaths



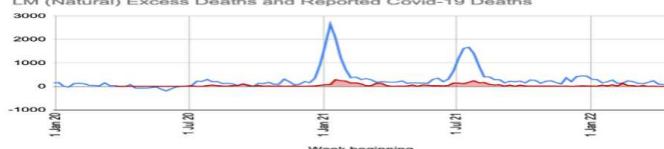
GT (Natural) Excess Deaths and Reported Covid-19 Deaths



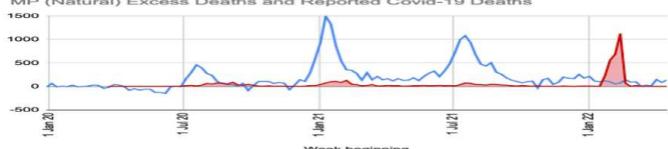
KZ (Natural) Excess Deaths and Reported Covid-19 Deaths



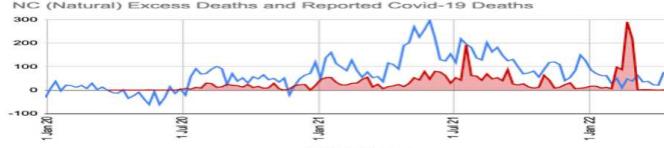
LM (Natural) Excess Deaths and Reported Covid-19 Deaths



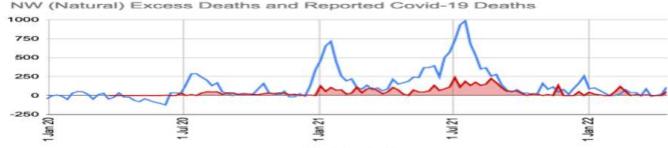
MP (Natural) Excess Deaths and Reported Covid-19 Deaths



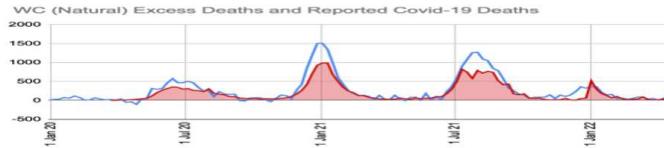
NC (Natural) Excess Deaths and Reported Covid-19 Deaths



NW (Natural) Excess Deaths and Reported Covid-19 Deaths



WC (Natural) Excess Deaths and Reported Covid-19 Deaths



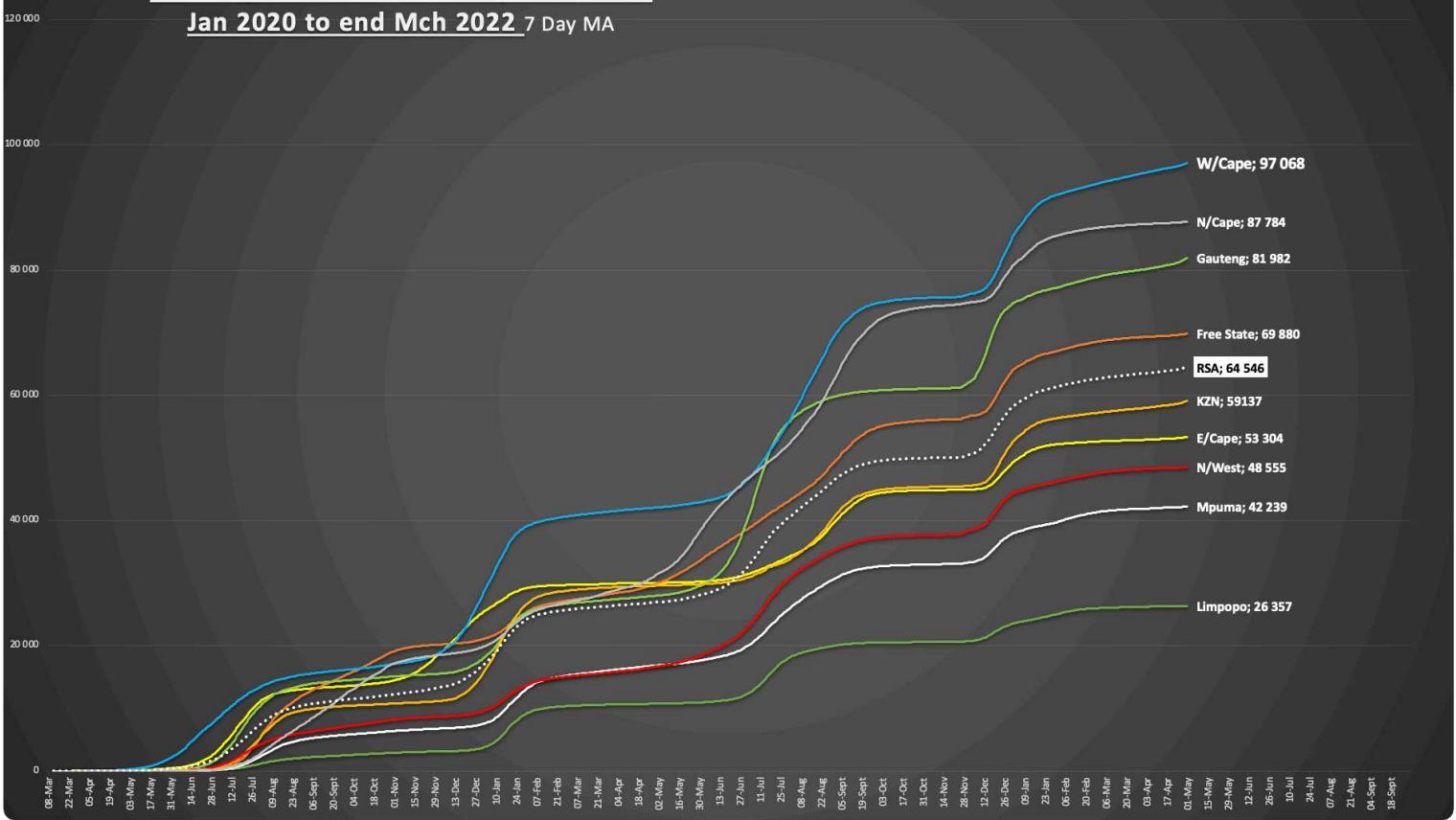
The red lines are weekly Covid deaths as reported by Dept of Health.

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).

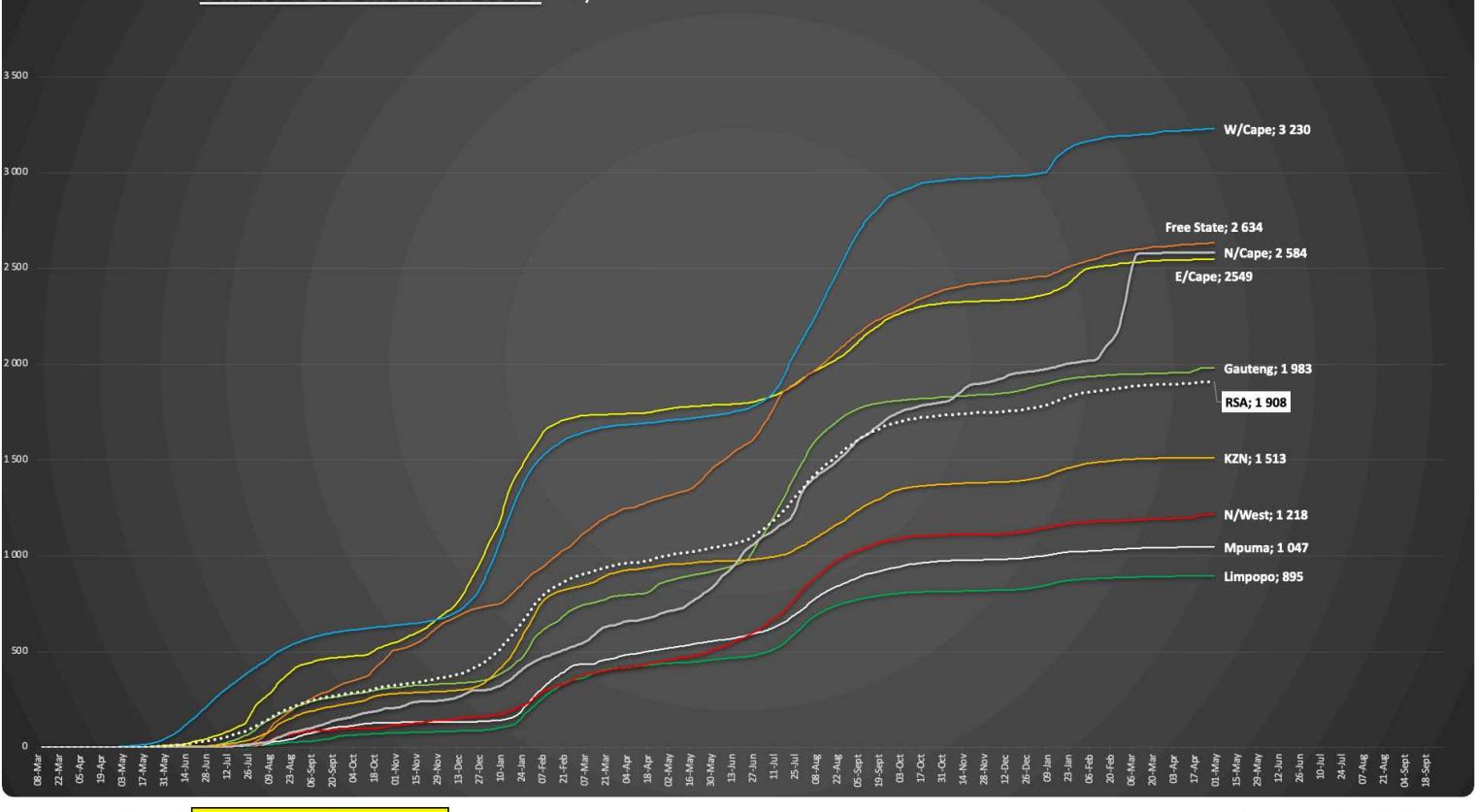
CUM reported Covid CASES per mill PoP

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:

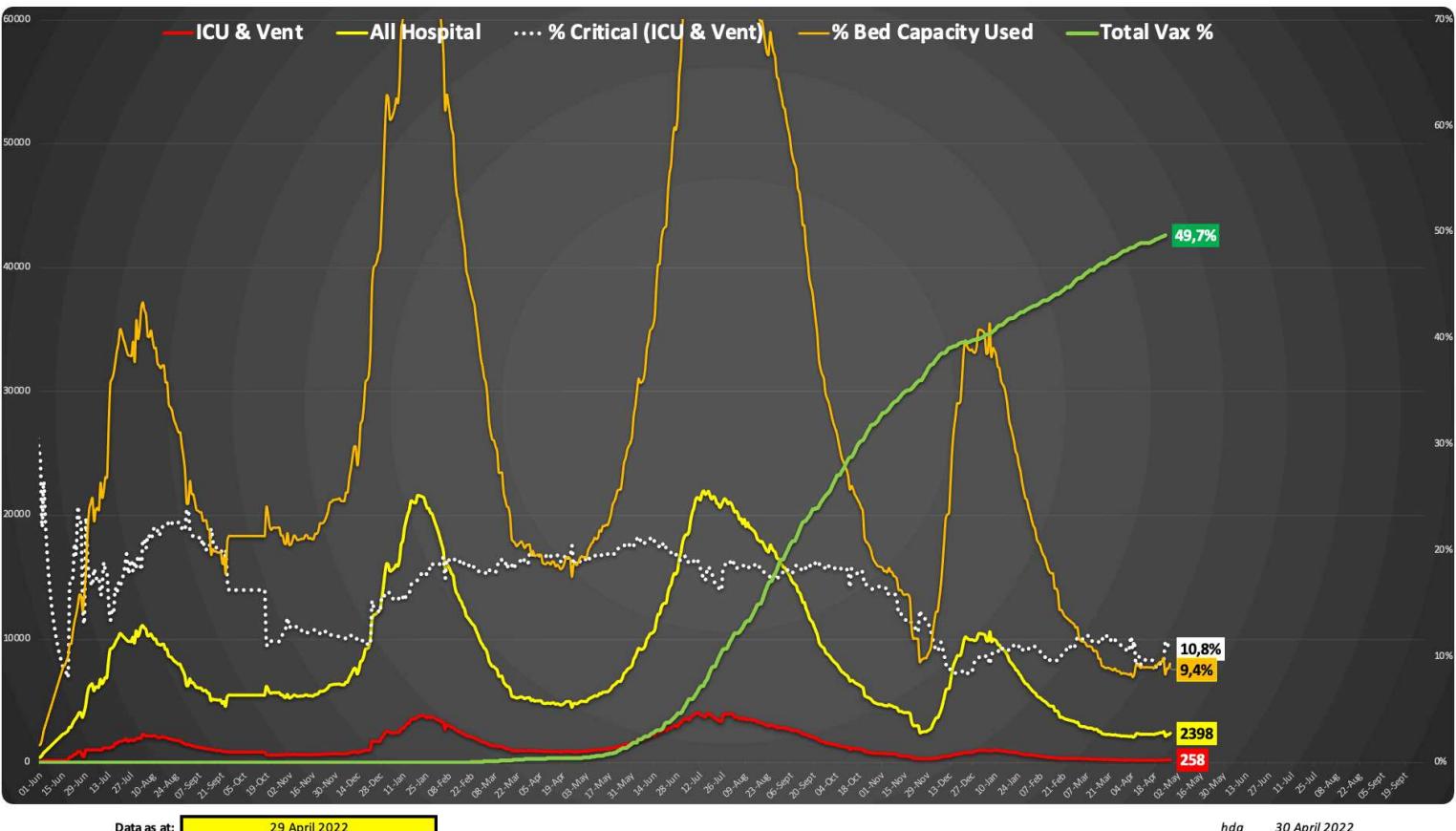
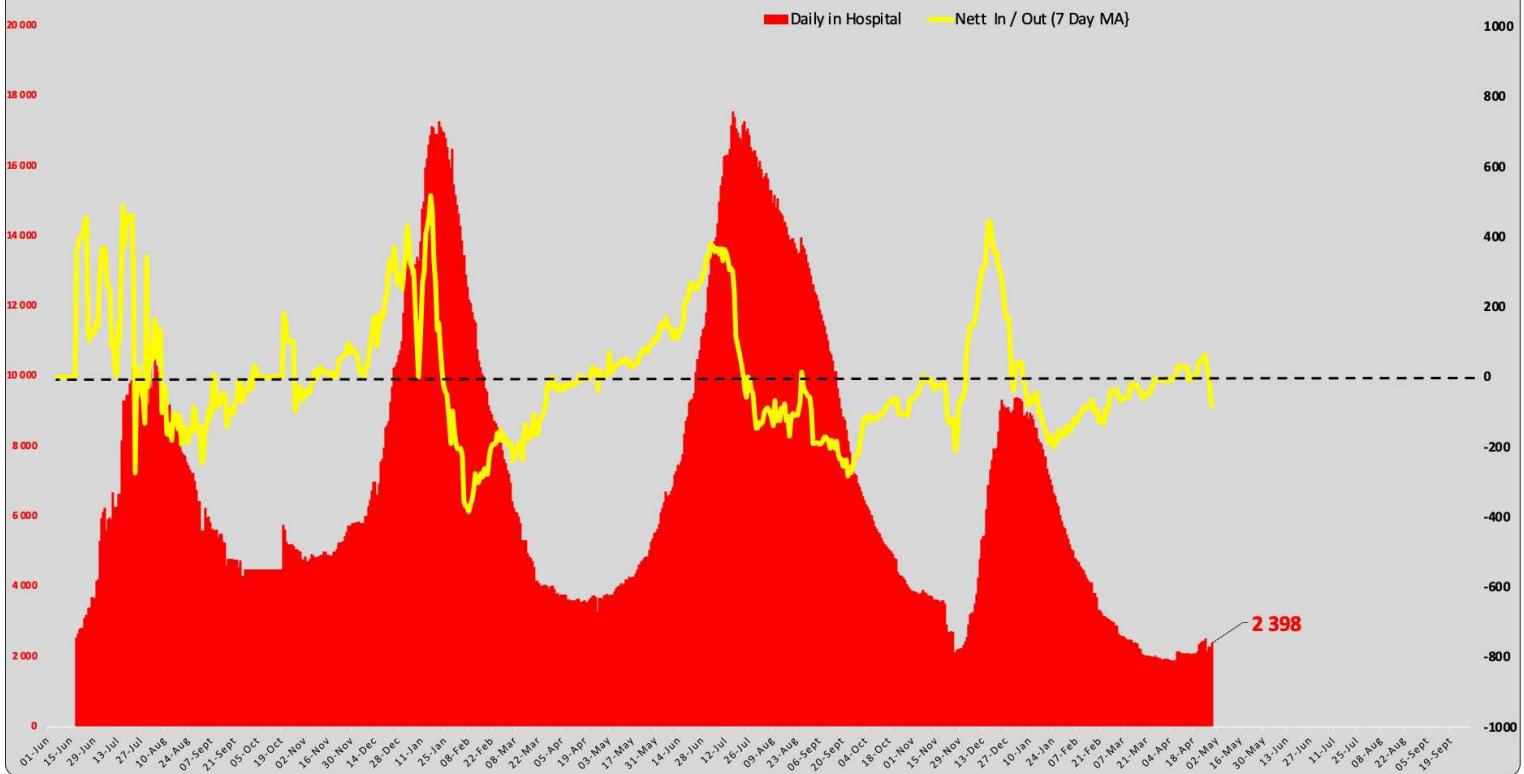
29 April 2022

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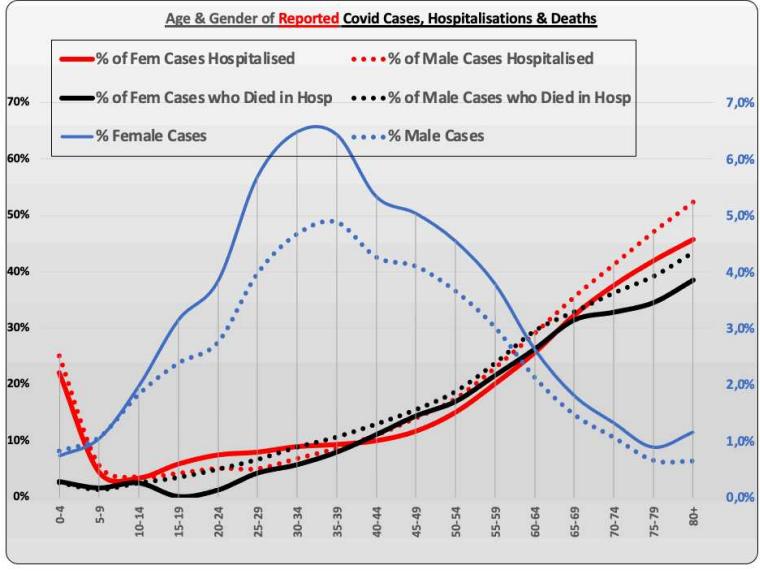
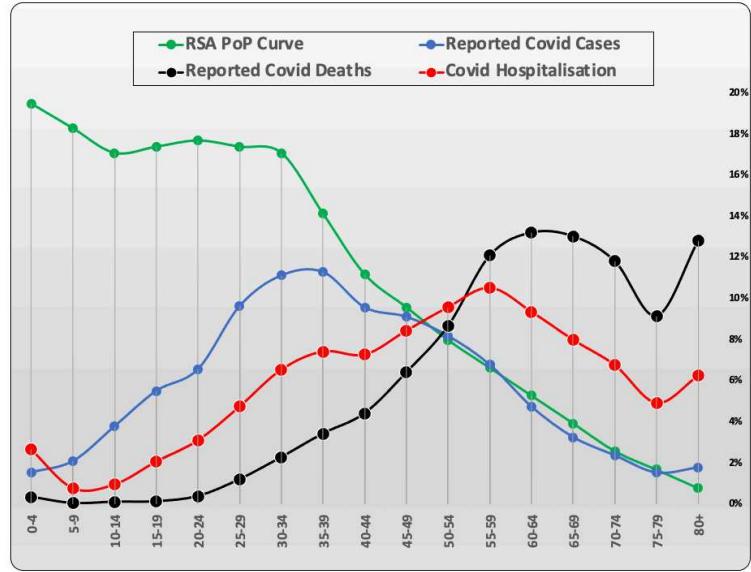
30 April 2022

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

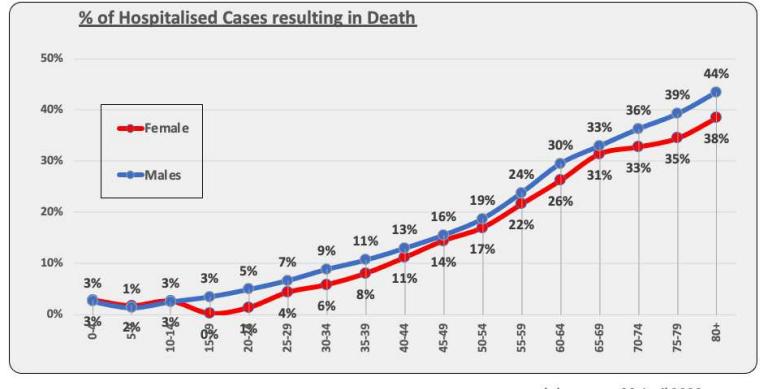
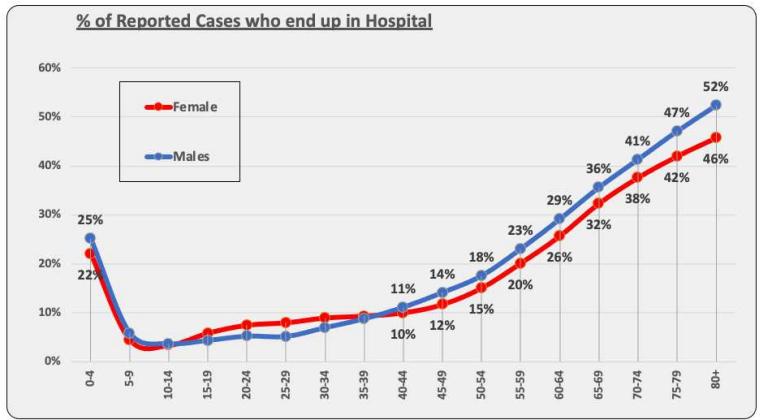
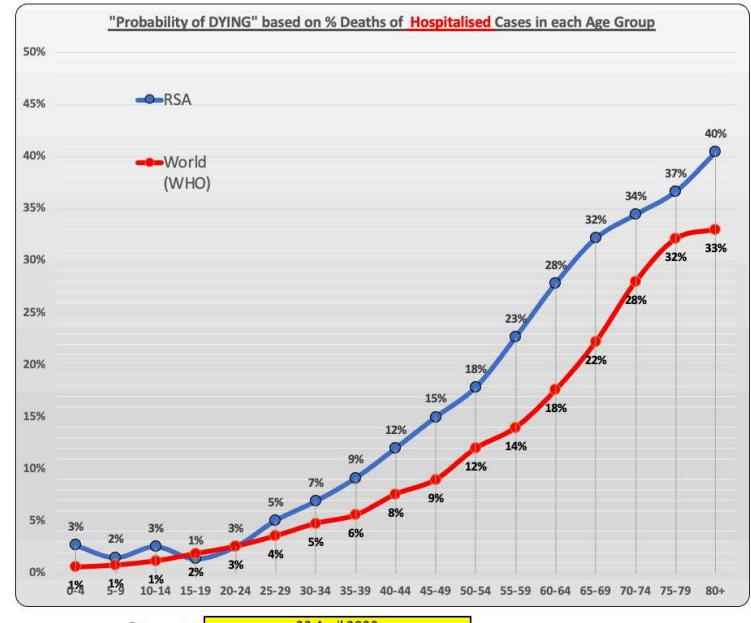
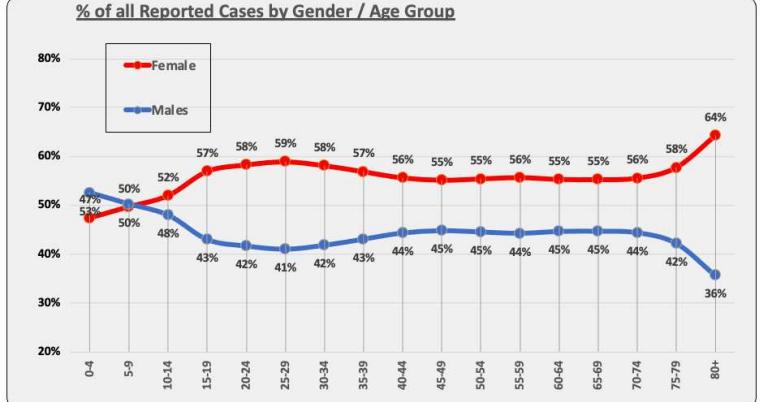
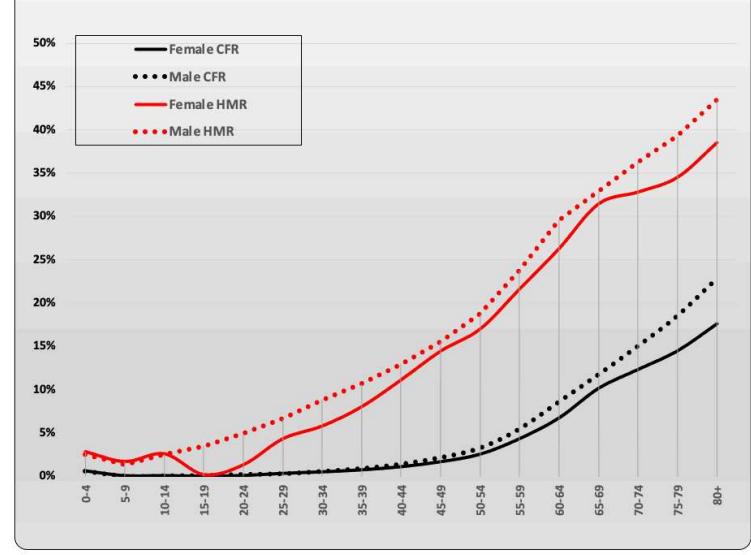
RSA DAILY STILL IN HOSPITAL DUE TO COVID



RSA Demographic Stats



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



Data as at: 23 April 2022

hdg 30 April 2022

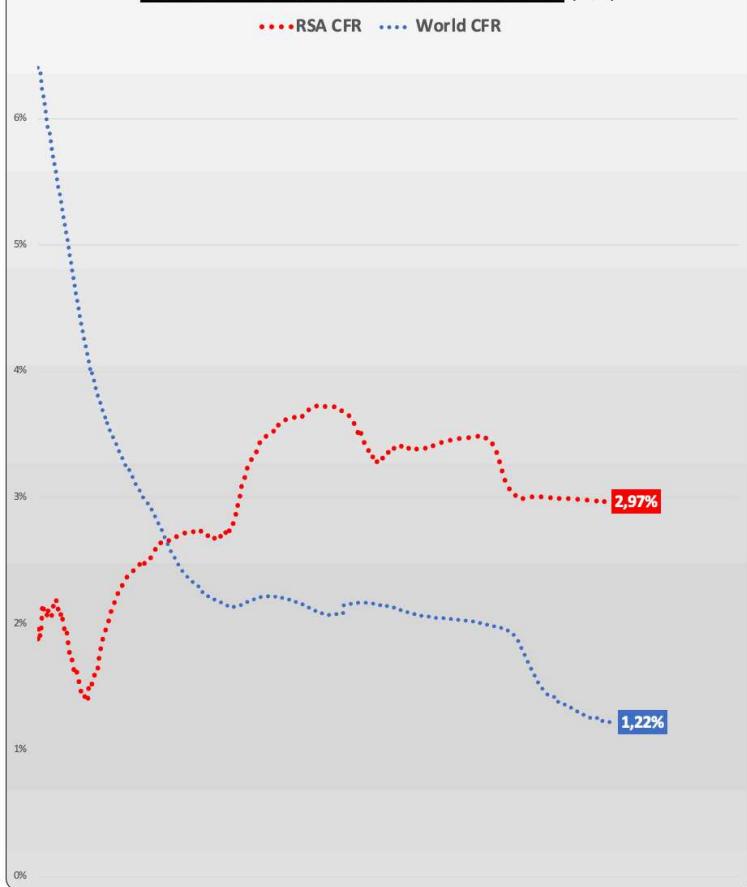
RSA Key Ratios & Comparators (all graphs from Jan 2020)

Page 6.1

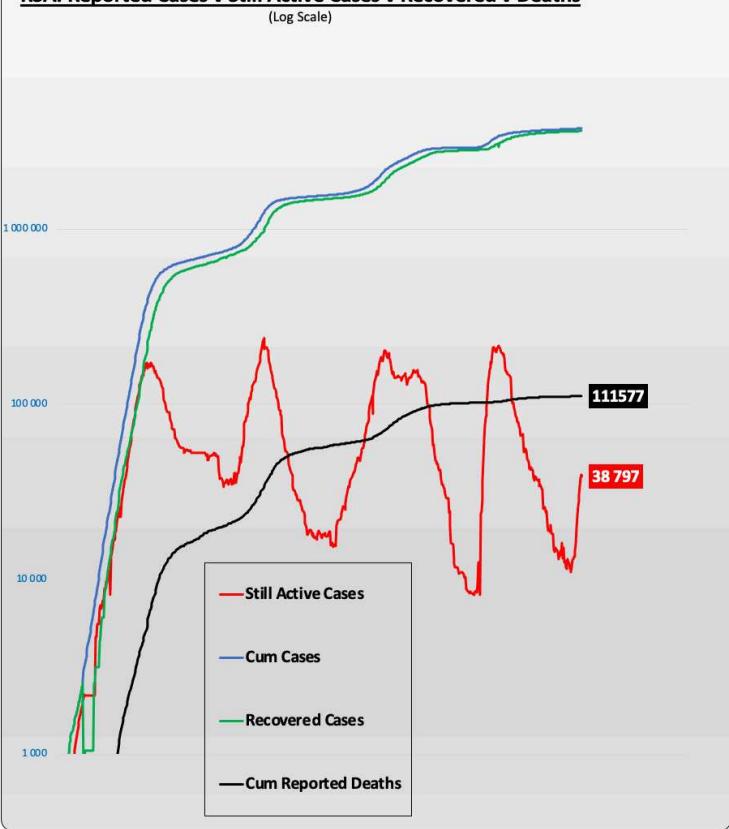
RSA: Case Recovery Rate (CRR) & PoP Covid Mortality Rate



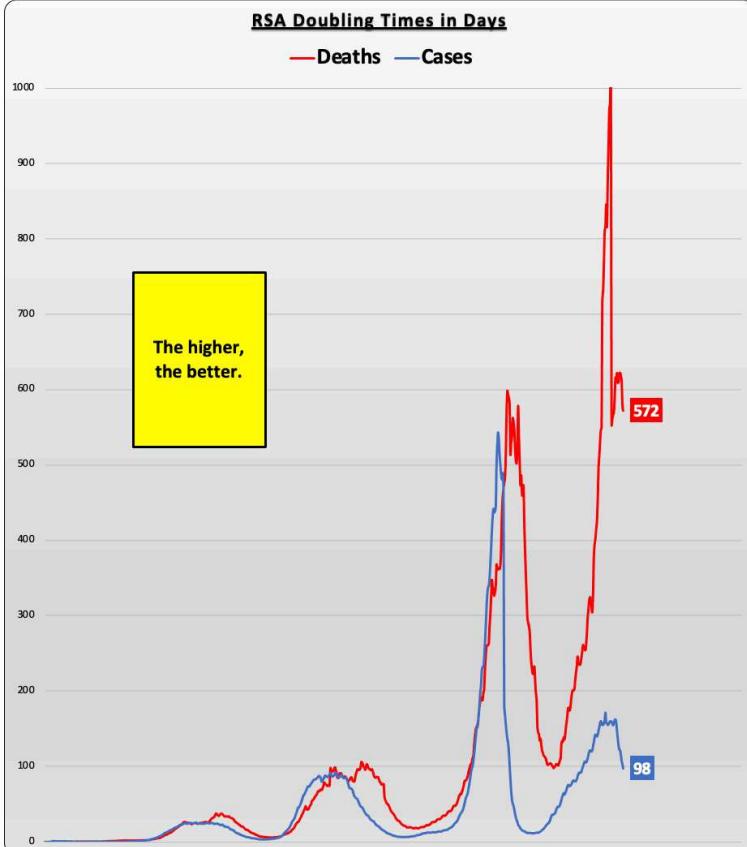
Covid Reported Deaths as % of Reported Cases (CFR)



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

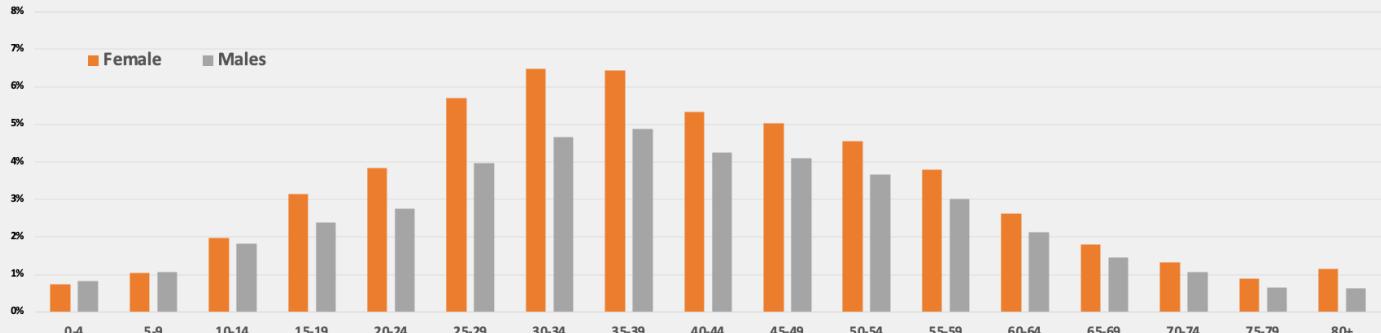


RSA Doubling Times in Days

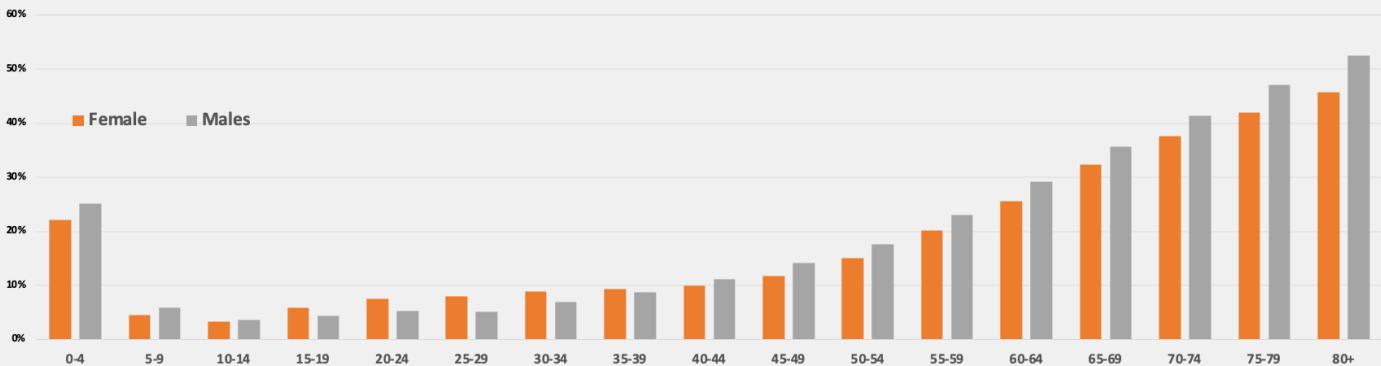


Gender & Age Data

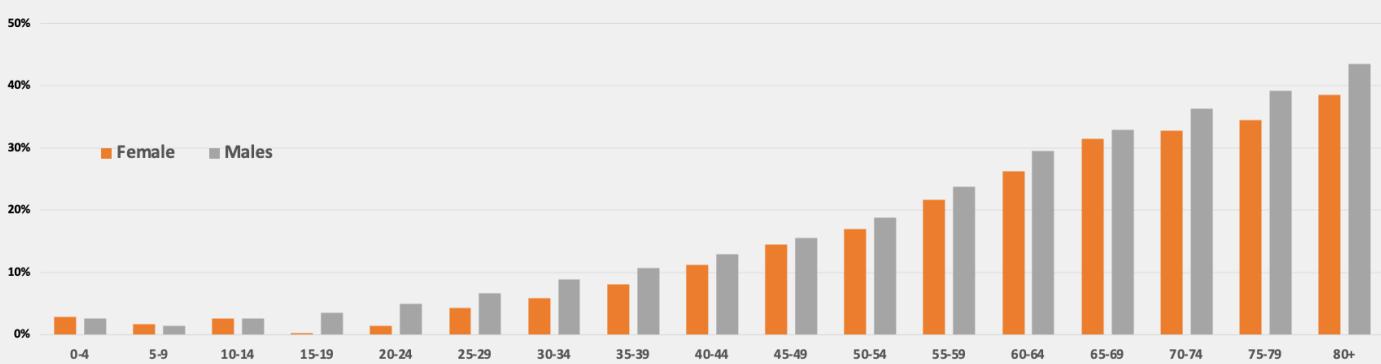
% of all Reported Cases by Gender / Age Group
(Updated weekly)



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



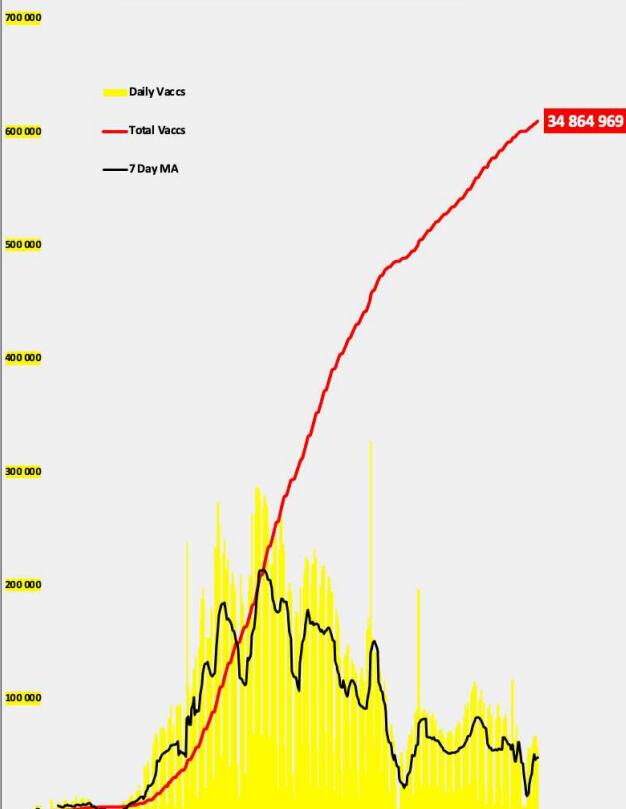
% of Hospitalised Cases resulting in Death
(Updated weekly)



Vaccination Data

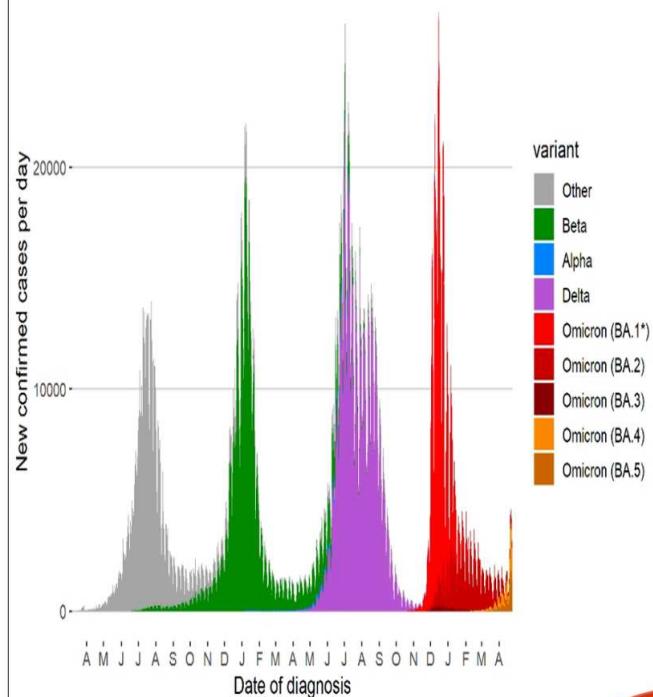
Page 7

RSA DAILY VACCINATIONS (ALL VAX)



NEW CONFIRMED SARS-CoV2 CASES PER DAY BY VARIANT IN SOUTH AFRICA

(case data NICD plus multinomial spline fit to GISAID data)



@TWennsleers
2022-04-25

COVID-19 Total Individual Adults Vaccinated Coverage Summary as at 17:00 28 Apr 2022

One dose J&J(single dose regimen) or Pfizer(two dose regimen) first dose administered

(Excluding 12 - 17 Years)

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

39,798,201

Total Number of Adult Individuals Vaccinated (2)

19,632,199

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

49.33%

Total Number of Adult Individuals Vaccinated

	Total Number of Adult Individuals Vaccinated
Eastern Cape	2,189,590
Free State	1,126,565
Gauteng	5,288,553
Kwazulu-Natal	3,092,097
Limpopo	2,061,142
Mpumalanga	1,332,659
North West	1,299,094
Northern Cape	426,105
Western Cape	2,816,394

Individuals Vaccinated as a % of the Adult Population

	Individuals Vaccinated as a % of the Adult Population
Eastern Cape	53.41%
Free State	58.84%
Gauteng	46.75%
Kwazulu-Natal	42.83%
Limpopo	55.77%
Mpumalanga	43.84%
North West	48.24%
Northern Cape	50.28%
Western Cape	56.59%

Province	Total Number of Individual Adults Vaccinated	Total Adult Population [18 Years & Older]	Individuals Vaccinated as a % of the Adult Population
Eastern Cape	2,189,590	4,099,543	53.41%
Free State	1,126,565	1,914,521	58.84%
Gauteng	5,288,553	11,311,326	46.75%
Kwazulu-Natal	3,092,097	7,219,795	42.83%
Limpopo	2,061,142	3,695,801	55.77%
Mpumalanga	1,332,659	3,039,520	43.84%
North West	1,299,094	2,693,247	48.24%
Northern Cape	426,105	847,545	50.28%
Western Cape	2,816,394	4,976,903	56.59%
Total	19,632,199	39,798,201	49.33%

Age Group	Total Number of Individual Adults Vaccinated	Total Adult Population [18 Years & Older]	Individuals Vaccinated as a % of the Adult Population
18-34	6,452,659	17,788,511	36.27%
35-49	6,216,397	11,686,937	53.19%
50-59	3,141,335	4,817,271	65.21%
60+	3,818,692	5,505,482	69.36%
Unidentified	3,116	0	0.00%
Total	19,632,199	39,798,201	49.33%

Definitions:

- (1) Total Adult Population [18 Years and Older] **Source:** StatsSA Mid-Year population estimates 2020
- (2) Total Number of Individuals Vaccinated: One dose J&J(single dose regimen) **or** Pfizer(two dose regimen) first dose administered
- (3) Individuals Vaccinated as a % of the Population: Total Number of Individuals Vaccinated(2) / Total Adult Population [18 Years and Older](1)

VIEW FULLY VACCINATED

Data as at:

29 April 2022

Unless otherwise indicated

hdg

30 April 2022

A smile is good for you....!!

