

Health

Digital Press Conference

Update on COVID-19 and Vaccination Roll-out

Dr K Cloete

9 November 2021

Overview

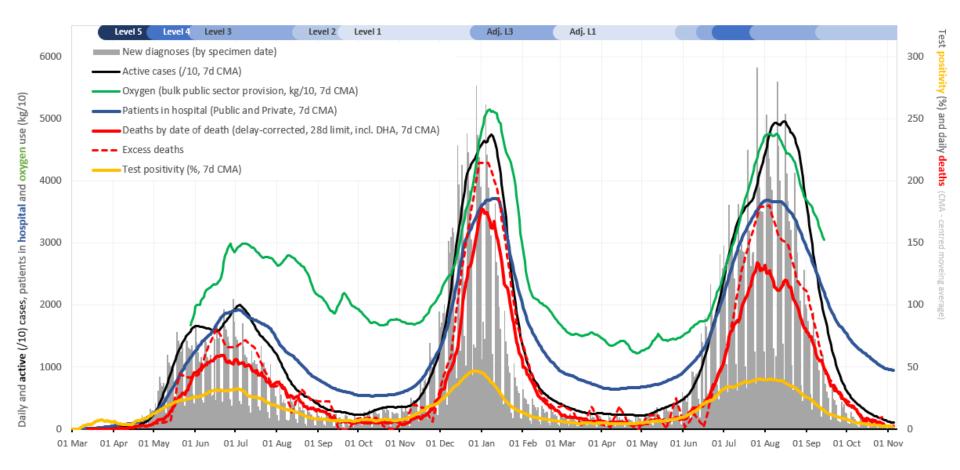
- 1. COVID Surveillance & Response Update
- 2. The current status of the health platform
- 3. Vaccine Implementation update
- 4. Key messages
- 5. Conclusions



COVID Surveillance & Response Update



Integrated testing, case, hospitalisation and mortality trends

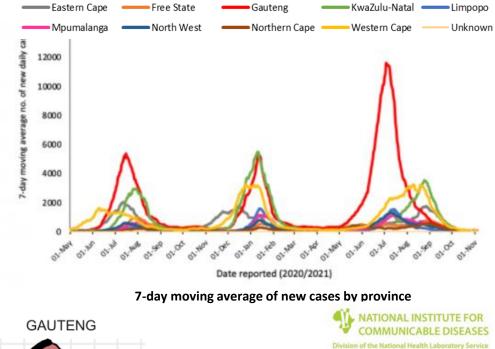


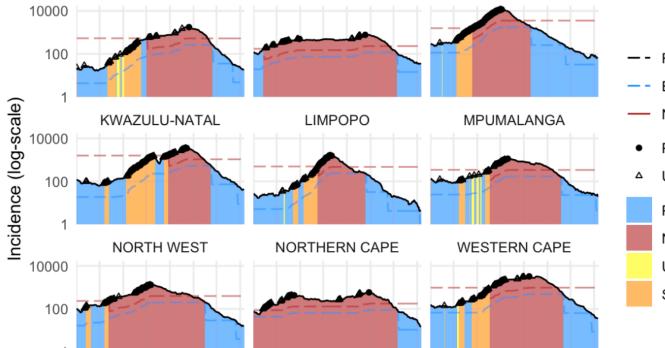


National trends

EASTERN CAPE

- South Africa as a whole and all provinces are clearly out of the 3rd wave.
- Small uptick noted in Gauteng in the last week – mainly due to delayed reporting of antigen tests.





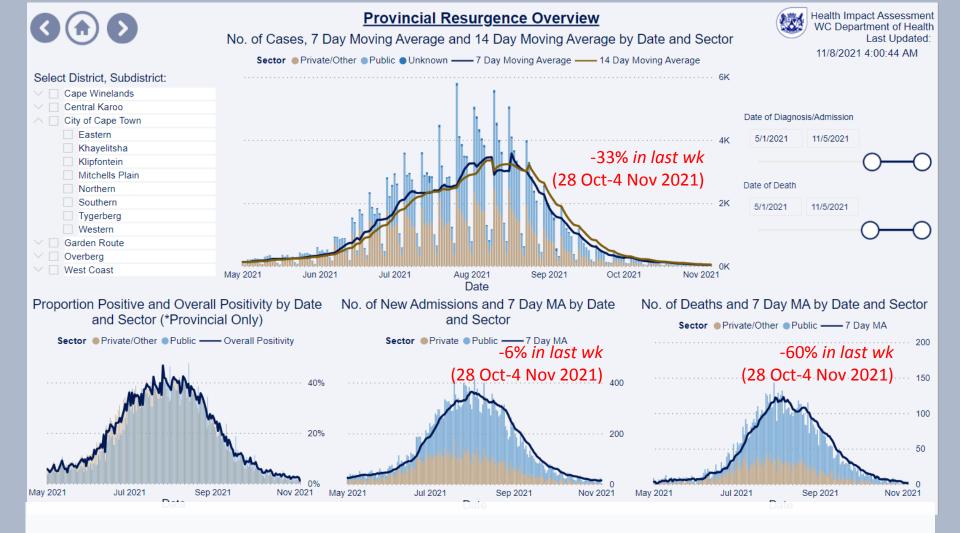
Apr May Jun Jul Aug Sep Oct NovApr May Jun Jul Aug Sep Oct NovApr May Jun Jul Aug Sep Oct Nov

FREE STATE

- **Reported Cases**
- End Wave Threshold
- New Wave Threshold
- Peak
- Uptick
 - Post Wave
 - New Wave
 - Upswing
 - Sustained Increase

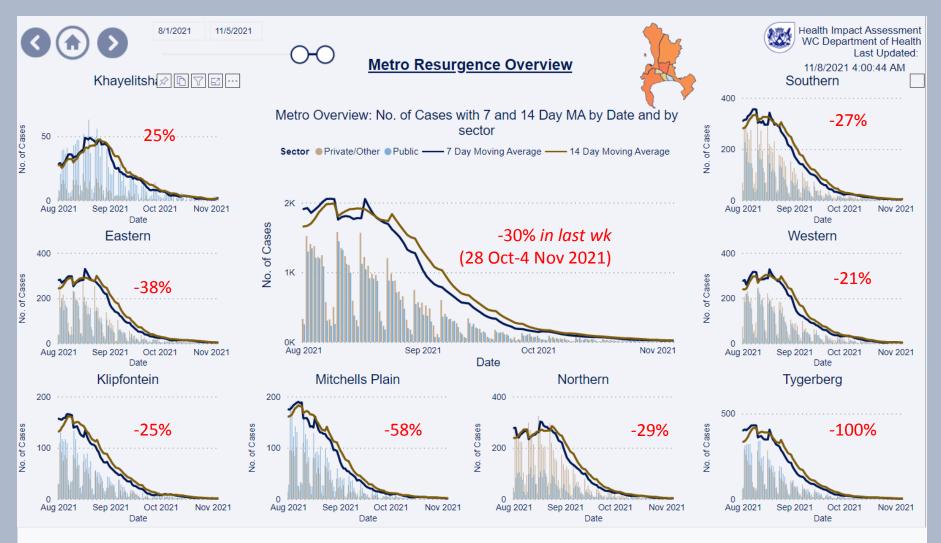






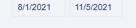
Provincial Overview

- Case numbers continue on a downward trend.
- The **proportion positive** has decreased to **2.4%** now.
- We are currently seeing an average of around **52 new** diagnoses, **15 new admissions** and **2 deaths each day**.



Metro Overview

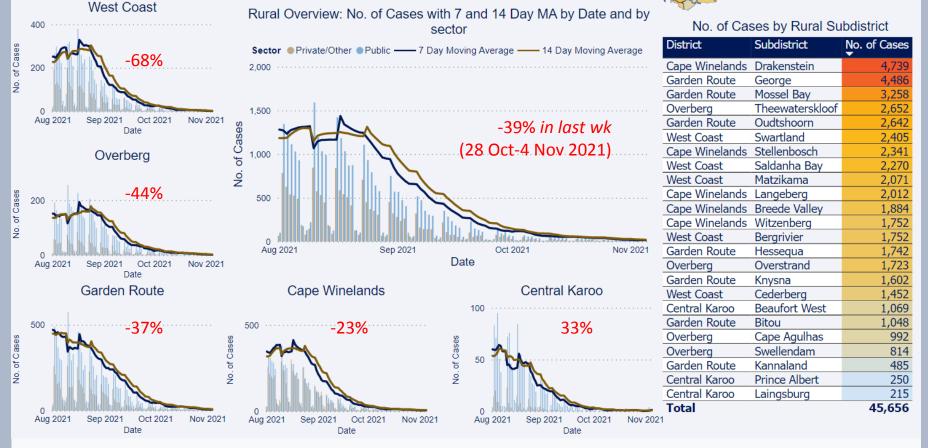
- Overall, there is a 30% week on week decrease in cases in the Metro.
- Only Khayelitsha showing a small percent increase in week-onweek cases, but low absolute numbers of cases.



Rural Resurgence Overview



Health Impact Assessment WC Department of Health Last Updated: 11/8/2021 4:00:44 AM

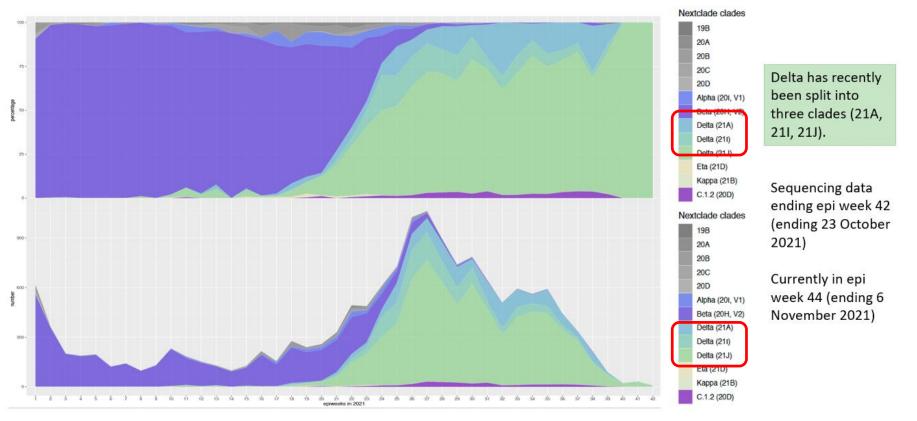


Rural Overview

- A similar decrease in case numbers is being seen in the rural districts as well.
- There are percentage increase in the Central Karoo, but also with very low absolute case numbers

Update on genomic surveillance in South Africa

Distribution and number of clades in South Africa, 2021 (N= 16 258)

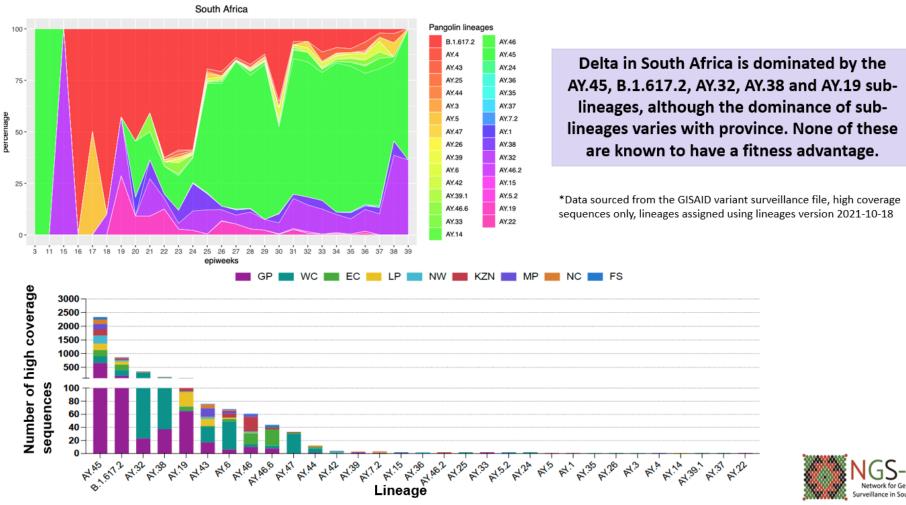


Delta came to dominate by end June at >65% , in July at >85% and in August and September at >90% C.1.2 present at <4% frequency since March

- Delta remains overwhelmingly dominant variant globally and in SA, with very little Beta or C.1.2 detected, though C.1.2 is established at constant and low levels in every province including the WC.
- Delta has been split into 3 clades and several sub-lineages.
- Based on the updated definition of the new Delta sub-lineage in the UK (AY.4.2.), this lineage **has not been** detected in South Africa. Lamda and Mu variants **have not been** detected in SA.

Update on genomic surveillance in South Africa

Delta sub-lineages* in South Africa

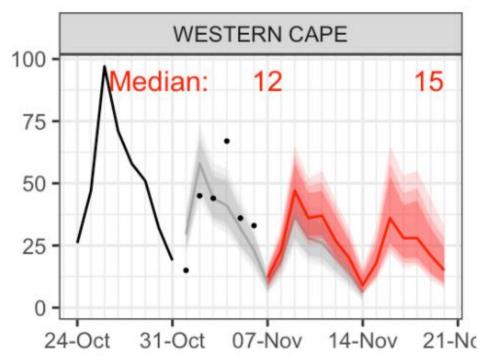


• AY.45 has been the dominant Delta sub-lineage in South Africa with some variation between provinces.

Short term predictions from SACMC – new cases

Actual cases continue to fit well with predicted numbers for the past week with ongoing low case numbers expected for the coming week.

Await longer term scenarios on 4th wave that take into account seroprevalence, vaccination expected behaviour changes and possible emergence of new variants



Black line: previous cases

Grey line: forecast for this week

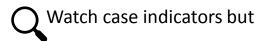
Dots: actual cases

Red line: Prediction for next week





Proposal for differentiated approach to wave 4:





RESPOND (i.t.o restrictions) to hospital indicators

- probability that hospital indicators will be met with high vaccine coverage & high levels of prior infection is expected to be very low, but SACMC 4th wave scenarios will inform our preparation for the 4th wave.

Indicator	Re	surgence Metric
First warning:	•	Large \uparrow case incidence (\uparrow for ≥ 1week of ≥ 20%) & moderate case numbers (200-300 new cases/day)
↑ health service	•	Moderate \uparrow case incidence (increase for ≥ 1week of ≥ 10%) when case numbers already high (> 300 new cases/day)
demand	•	Facility-based test positivity > 15% or Overall test positivity 7%
in 14-21d	•	>15% of hospitals have >10% of beds occupied by COVID-19 patients
	•	>50% increase in pre-COVID-19 baseline of oxygen consumption by hospitals (>18.3 tons per day) for ≥3 day
Second warning:	•	Overall test positivity >15%
↑ health service	•	7 dma of new cases is >10% more than 40dma of new cases for \geq 14 consecutive days if 40dma >100 new cases/day
demand	•	Testing approaches 80% of max capacity OR TAT >24 hrs (urgent cases - admissions) & >48 hours (non-urgent cases) for 2d consecutively >40% of hospitals
in 7-14d		have >10% of beds occupied by COVID-19 patients
	•	>15% week-on-week increase in 7 day moving average of current admissions
	•	>75% increase in pre-COVID-19 baseline of oxygen consumption by hospitals (>21.4 tons per day) for ≥3 days
Third warning:	•	>20% week-on-week increase in 7 day moving average of current admissions.
↑ health service demand in 2-7d	•	>50% bed occupancy of available HC, ICU and HFNO ₂ COVID-19 beds.
	•	COVID-19 patients occupy >20% of beds in >50% of hospitals OR >10% of beds in >80% of hospitals.
111 2-7 ú	•	>100% increase in pre-COVID-19 baseline of oxygen consumption by hospitals (or >24.4 tons per day) for ≥3 days.
Health service	•	Sustained increase of probable/confirmed cases needing hospital admission (as per first, second and third warning indicator)
capacity close to	•	Absolute current COVID-19 hospitalization >2800
overwhelmed	•	BUR % for designated COVID-19 general beds >70% in a district/province
	•	BUR % for designated COVID-19 critical care beds (HC, intensive care and high flow nasal oxygen) >80%
	•	Oxygen consumption/supply >200% baseline pre-COVID-19 reference level (or >36.6 tons/day)

Current status of the health platform



Acute service platform – current picture

- 1. The Metro hospitals have an average BOR of 90%; George drainage area hospitals at 69%; Paarl drainage area hospitals at 69% & Worcester drainage area hospitals at 75%. Critical care BOR for designated COVID beds for the province at 23%.
- 2. COVID & PUI cases currently make up 4% of all available acute general hospital capacity in both Metro and Rural Regional Hospital drainage areas.
- COVID inter-mediate care the Brackengate Hospital of Hope currently has 21 patients (6% BOR), Sonstraal currently has 0 clients; Freesia & Ward 99 have 0 patients. Mitchell Plain Hospital of Hope has now closed.

4. The Metro **mass fatality centre** has capacity has now closed.

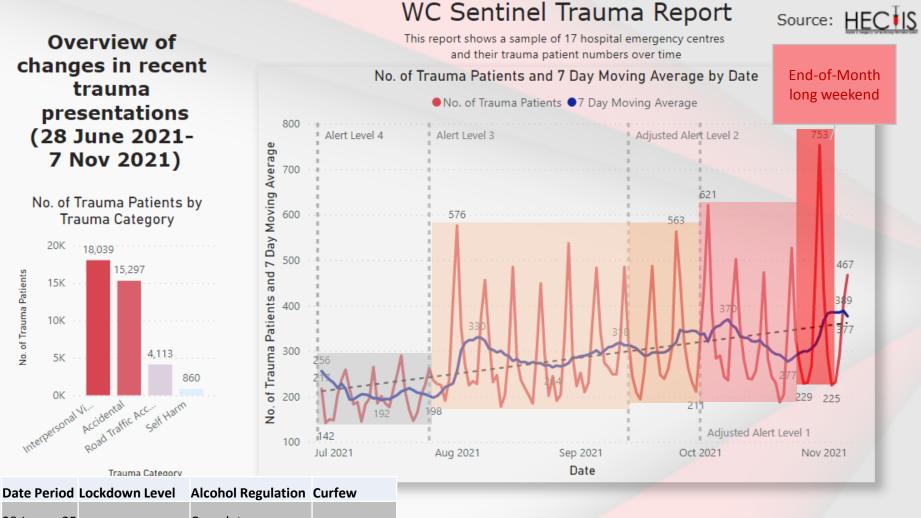


WCDOH: Daily Operational Bed Status Dashboard as at 08/11/2021

Drainage Area	Operational	Filled Beds al CC		COVID	% Covid	BUR % for Designated Covid Beds(General	BUR % for Designated Covid Beds(Critical
	Beds		BUR %	BUR %	patients	Wards)	Care)
Cape Town /Metro	5,032	4,551	90 %	7%	2%	6%	29 %
George	918	638	69%	8%	4%	<mark>8</mark> %	5%
Paarl	988	681	69%	13%	<mark>6</mark> %	13%	5%
Worcester	741	554	75%	26 %	12%	25%	42%
SubTotal WCDOH	7,679	6,424	84%	10%	4%	9 %	23%

Excluding Specialised Hospitals e.g. Mowbray Maternity, Psychiatric Hospitals, etc





28 June – 25		Complete		
July 2021	Adjusted Level 4	prohibition of sale	21:00-04:00	
26 July - 12		Offsite sale		
September		restriction Mon-		
2021	Adjusted Level 3	Thurs 10-00-18:00	22:00-04:00	
13 Sept –		Offsite sale		
30 Sept		restriction Mon-		
2021	Adjusted Level 2	Friday 10-00-18:00	23:00-04:00	
>1 Oct 2021	Adjusted Level 1	No restrictions	00:00-04:00	

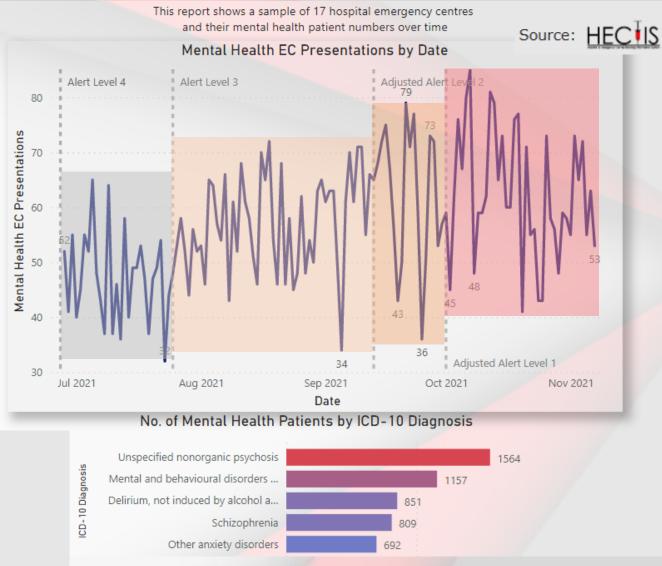
With no current alcohol restrictions the previous end-of-month long weekend saw a new highest single day of trauma cases for the year (753 cases).

There were a total of 1681 trauma cases over the entire long weekend (Sat-Mon)

Overview of changes in mental health presentations to EC's (28 June 2021-07 Nov 2021)

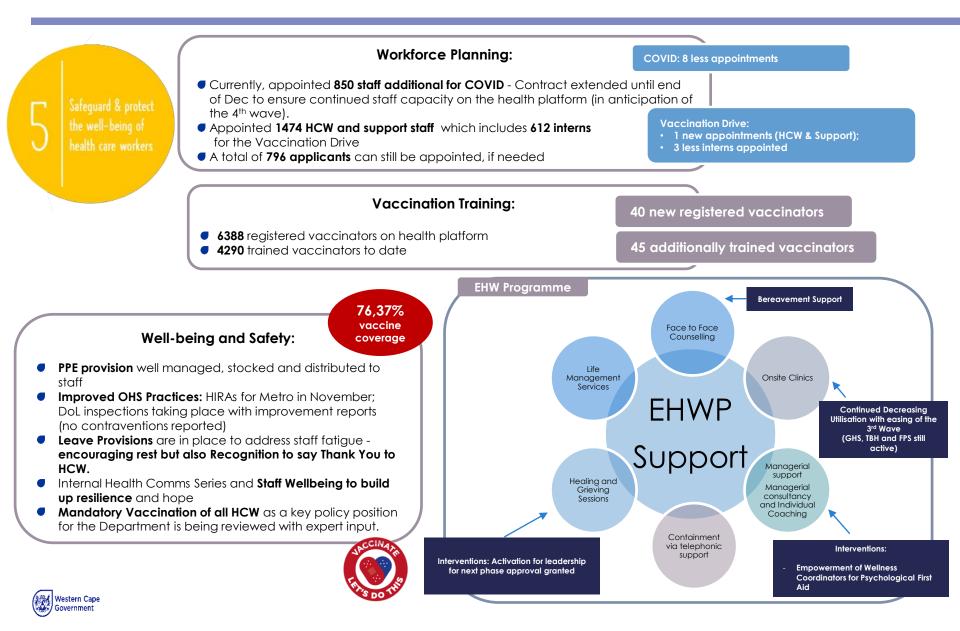
This graph reflects all acute Mental Health presentations that presented to 17 Emergency Centres across the province over the last few months.

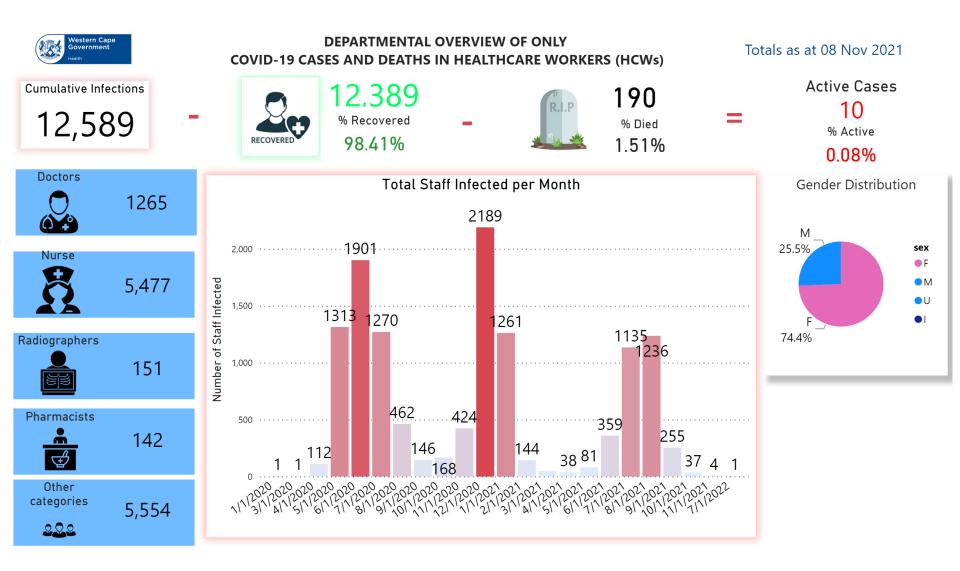
Date Period	Lockdown Level
28 June – 25	
July 2021	Adjusted Level 4
26 July - 12	
September	
2021	Adjusted Level 3
13 Sept – 30	
Sept 2021	Adjusted Level 2
>1 Oct 2021	Adjusted Level 1



Mental Health presentations to Emergency Centres have recently been increasing with nonorganic psychosis and mental and behavioural disorders related to substances accounting for the highest number of presentations over the period.

Preparing the People Capacity - 4th Wave





Vaccine Implementation update



Strategic Focus: Adjusting Aim



Promoting Equity

Increase access to registration and vaccination sites

Community-level interventions

Target identified geographic areas



Demand Creation

Retain focus on **>50 years as the most vulnerable** population group

Neutralise misinformation &

strengthen pro-vaccine trusted voices

Target **Business**, **Government** & **Civil Society** with specific daily targets



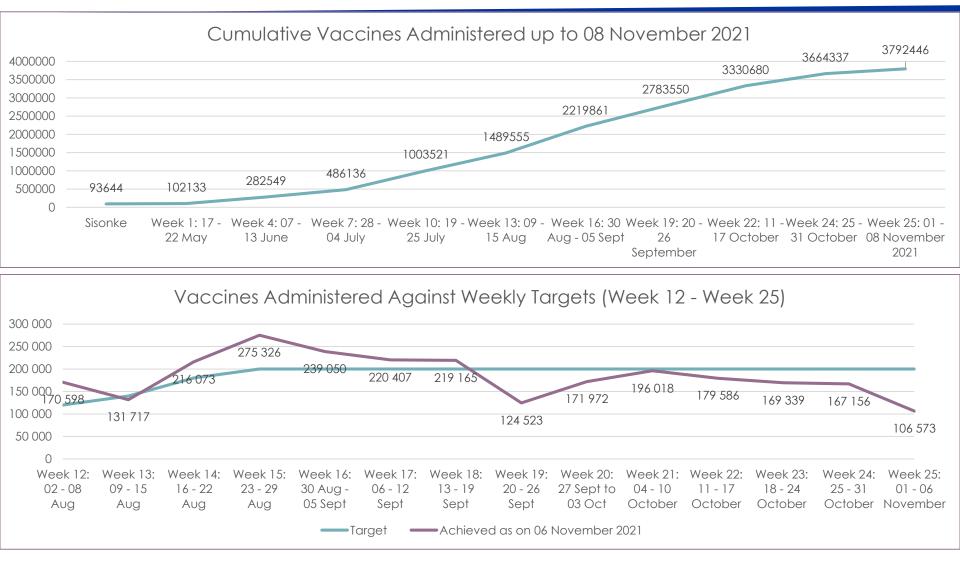
Targeted Approach

Focus on geographic areas with low vaccine uptake

Maximise reach and efficiencies through **increased outreach** services and **pop-up** sites

Western Cape Government **Rationalise and retain** fixed vaccination sites with high throughput and **where appropriately placed**

Vaccines Administered

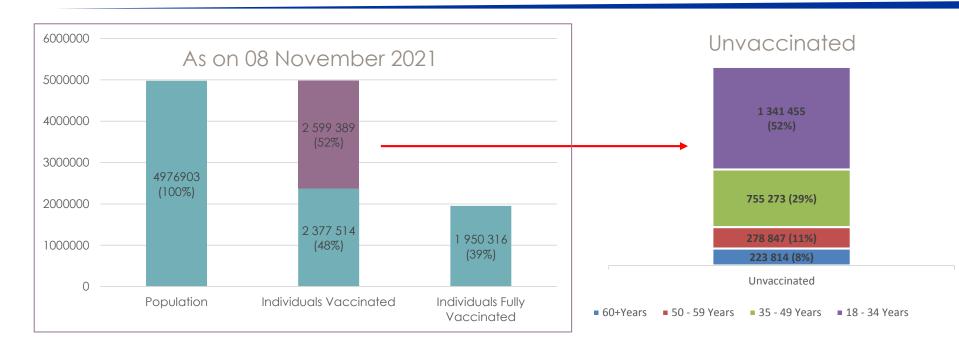


Source: NDoH Dashboard (Microsoft Power BI) accessed on 08 November @ 17:00



[Disclaimer: Data displayed in these graphs and tables only contains records captured on EVDS. Totals will be adjusted as back-capturing and data validation is done.]

Current status and the road ahead



As on 08 November 2021:

Total number of individuals (18 Years and older) vaccinated (at least one dose) = 2 377 514 = 48% of >18s (EVDS National Dashboard on 08 November 2021)

Total number of individuals (18 Years and older) fully vaccinated = 1 950 316 = 39% of >18s (EVDS National Dashboard on 08 November 2021)

Number of unvaccinated persons aged 18 years and older = 2 599 389

Total number of children (aged 12 – 17 Years) Vaccinated = 36 554 (6%)



Registration breakdown

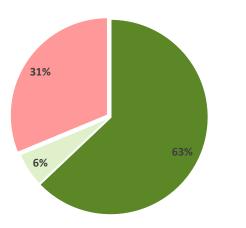
As on 08 November 2021, a total of **2 494 648** people in the Western Cape have registered on EVDS, equalling **45.45% of the total eligible population (>12 years).**

Age Band	Total Registrat	ions	% Inc	lividuals Registered	
12 – 17 Years	53 096		8.22%		
18 – 35 Years	761 149		37.09%		
35 – 49 Years	770 304			50.94%	
50 – 59 Years	393 969			57.72%	
60 Years +	516 130)		71.71%	
Metro: Sub-district	Proportion >18 years as on 08 November 2021	Rural: District		Proportion >18 years as on 06 November 2021	
Eastern	51.94%	Cape Wineld	ands	51.39%	
Khayelitsha	30.73%	Central Karoo		39.51%	
Klipfontein	47.61%	Garden Route		50.73%	
Mitchell's Plain	29.30%	Overberg		58.15%	
Northern	52.25%	West Coast		47.67%	
Southern	53.61%				
Tygerberg	44.26%				
Western	76.17%				



Vaccinations & Registrations: >50 Years

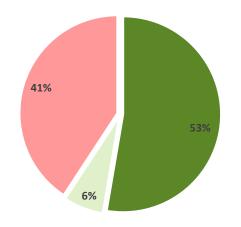
Vaccinations >60 Years as on 08 November 2021



Proportion Fully Vaccinated

- Proportion partially vaccinated
- Proportion Unvaccinated

Vaccinations 50 - 59 Years as on 08 November 2021



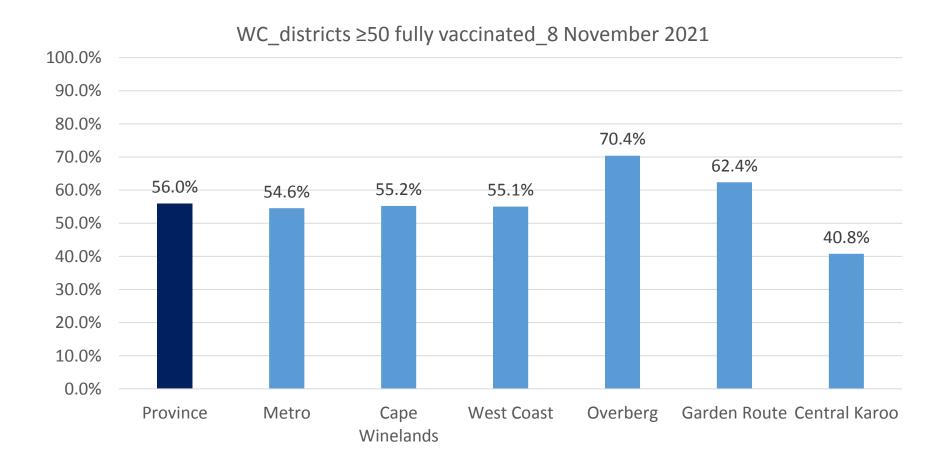
- Proportion Fully Vaccinated
- Proportion partially vaccinated
- Proportion Unvaccinated

EVDS Registrations	60+ Years
Cape Winelands	69.65%
Central Karoo	51.10%
Garden Route	80.46%
Overberg	101.95%
West Coast	86.16%
Eastern	68.85%
Khayelithsa	50.79%
Klipfontein	83.37%
Mitchell's Plain	46.31%
Northern	59.24%
Southern	77.72%
Tygerberg	61.07%
Western	83.86%
Western Cape	71.71%

EVDS Registrations	50 - 59 Years
Cape Winelands	59.95%
Central Karoo	51.64%
Garden Route	60.56%
Overberg	65.45%
West Coast	56.22%
Eastern	58.86%
Khayelithsa	53.63%
Klipfontein	61.62%
Mitchell's Plain	36.26%
Northern	57.33%
Southern	56.68%
Tygerberg	51.74%
Western	78.40%
Western Cape	57.72%
	25



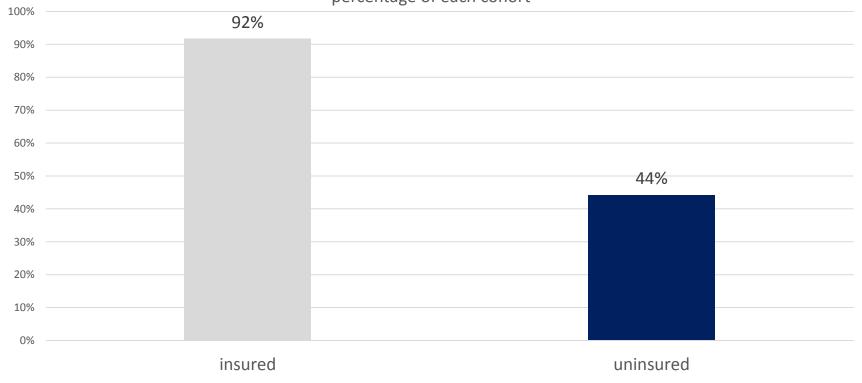
Vaccinations ≥50 Fully Vaccinated





Vaccinations ≥50 Fully Vaccinated - Insured vs Uninsured

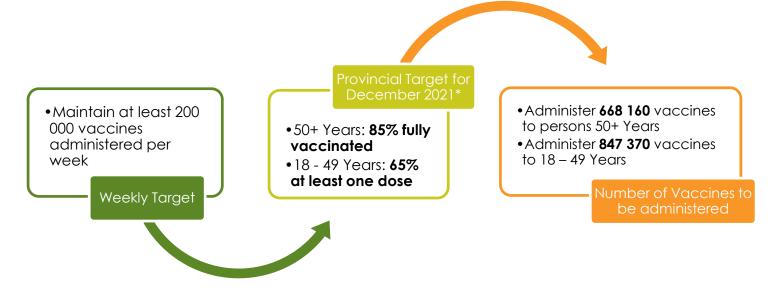
WC_≥ 50 fully vaccinated_ insured vs uninsured_8 November 2021 percentage of each cohort





Provincial Targets up to December 2021

Age in years	Total Population	Proportion <u>Fully Vaccinated</u> (Received either 1 dose J&J or 2-dose Pfizer) as on 08 November 2021	Proportion <u>Partially Vaccinated</u> (One dose of two-dose regimen received) as on 08 November 2021	Proportion <u>Unvaccinated</u> as on 08 November 2021
60 Years +	723 160	63.49%	5.56%	30.95%
50 – 59 Years	684 149	52.69%	6.55%	40.76%
50 Years +	1 407 309	58.24%	6.04%	35.72%
35 – 49 Years	1 511 813	41.57%	8.47%	49.96%
18 – 34 Years	2 057 781	24.41%	10.40%	65.19%
18 - 49	3 569 594	31.68%	9.59%	58.74%
18 Years +	4 976 903	39.19%	8.58%	52.23%





Definition of Vaccinated Individual: One dose J&J (single-dose regiment) or Pfizer (two-dose regiment) 1st dose administered
Definition of Fully Vaccinated Individual: One dose J&J (single-dose regiment) or Pfizer (two-dose regiment) 1st and 2nd dose administered

Sisonke 2: Booster doses for HCWs (Circular H186 of 2021)

- 1. The Sisonke 2 programme will be conducted as a **Phase 3b implementation study** and healthcare workers will be required to provide informed consent indicating that they agree to participate in this phase of the study.
- 2. All healthcare workers who were vaccinated as part of Sisonke 1 (between 17 February and 16 May 2021) will be eligible to participate in Sisonke 2.
- 3. Healthcare workers will be offered a **booster dose of the J&J Vaccine**.
- 4. Implementation will commence on **10 November 2021** at selected vaccination sites.
- 5. This will ensure that healthcare workers are offered additional protection from severe Covid-19 disease in preparation of an anticipated 4th wave.
- 6. All eligible HCWs who opt out of Sisonke 2 as well as HCWs who were vaccinated with J&J after 17 May 2021, will be able to access a Pfizer booster dose within a few weeks once all necessary approvals have been granted by SAHPRA and NDoH.





Remarks on Vaccine Implementation

- 1. Projected Weekly Throughput: The province will need to increase weekly throughput to at least 235 000 vaccines administered per week to reach the targets that have been set for mid-December. Sufficient capacity is available for this but there is urgent need for concerted demand creation and social mobilisation efforts.
- 2. Focus
 - The primary focus will remain on ensuring that the most vulnerable groups are vaccinated (>50yrs and people >18yrs with co-morbidities).
 - NDOH is issuing R100 grocery vouchers to clients 60+ years old who receive their 1st C-19 vaccine dose from 1st November 2021. Vouchers will be issued on a first come first serve basis until the initial 26 000 vouchers have been issued across the country. Vouchers will only be issued for 1st dose vaccinations (either J&J or Pfizer) and will not be issued for the second Pfizer dose.
 - Ensuring Equity in Access: Ongoing efforts to remove barriers to access to ensure equitable access between males/ females, insured/ uninsured and more affluent/ poorer communities.
 - Targeted Mobilisation: Reaching everyone who has not got around to it yet, as well as everyone who is still unsure or anxious.



Communications



Vaccine access: Promote sites access and locations – central and local areas ("people that have not got around to it")

8 November 2021

Look out for these pop-up vaccination sites

Vaccination Site	Time
St Mary's Catholic Church, Merryvale Avenue, Lentegeur	09:00 -14:00
Woolworths, Kromboom Centre, Jan Smuts, Athlone	09:00 -14:00
Charleville, Cnr Steve Biko and Valhalla, Gugulethu	09:00 -14:00
Beautiful Gate, 73 Stock Rd Philippi	09:00 -14:00
Lost City, Tafelsig	09:00 -14:00
Church of Worshippers, Nomzamo	09:00 -14:00
Spar, Khayelitsha	09:00 -14:00
Hope Building, Blikkiesdorp	09:00 -14:00
Shoprite, Paarl	07:30 -16:30

Vaccinate today! Let's do this





SATURDAY VACCINATION SITES: 6 NOVEMBER 2021

Vaccination sites in the Metro

SouthernWestern

- DP Marais 09:00 -13:00
- UCT Community of Hope 09:00 -13:00
- Saxon Sea Community Hall 08:00 -12:00

Klipfontein/Mitchells Plain

- Ikwezi Hall, Gugulethu 09:00 -14:00
- Beaconvale Frail Care 09:00 -14:00
- Athlone Stadium 09:00 -14:00

Khayelitsha/Eastern

- Kleinvlei Recreational Hall 08:00 -14:00
- Site B CDC 08:00 -14:00
- Nomzamo CDC 08:00 14:00
- Somerset West Town Hall 08:30 12:30
- Mfuleni Milton Martin Society Extension 6 09:00-14:00
- Khayelitsha Town 2 Murial Launch Lansdowne Road 09:00-14:00

Northern/Tygerberg

- Goodwood Civic Centre 08:00 -11:30
- Durbanville Town Hall 08:00 -11:30

*Additional weekend sites will be considered, on an ongoing basis, as this is dependent on vaccine supplies.





5 November 2021

Vaccination sites Rural

Cape Winelands • TC Newman CDC 08:00 -13:00

West Coast

- Kathy Johnson Hall, Clanwilliam 08:00-13:00
- Vredendal Central Clinic 09:00 -14:00
- Riebeek Kasteel Community Hall 08:00 -12:00

Overberg

Mount Pleasant Sports Grounds 09:00 -14:00

Garden Route • Harry Comay Hospital 09:00 -14:00



Vaccine hesitancy – Ask a Doctor – "people with concerns" (face to face access to trusted information source)



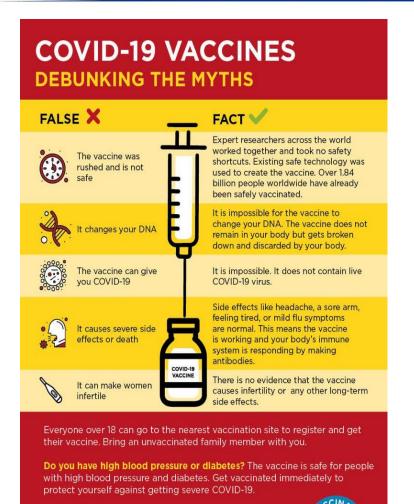








Addressing misinformation and "anti-vaccine" sentiments





Western Cape Government Health





Risk mitigation: Save our Summer

SAVE YOUR SUMMER

If the majority of us are vaccinated with Covid-19 vaccines by December, we will have a much safer summer.



Vaccination is the best way of saving ourselves from illness, death and ongoing disruptions of our lives and work.

- Go for vaccination as a matter of urgency
- Continue to wear a mask (even when vaccinated)
- Ensure open windows, fresh air and good ventilation (even when vaccinated)
- When you have symptoms, stay home

Please call 0860 142 142 for more information on weekly sites or visit our Facebook page https://www.facebook.com/WCGHealth/ Also watch local media and municipal pages for details









Concluding remarks

- We are in-between waves. We urge everyone to adhere to protective behaviours, to contain spread over the coming weeks and months, in expectation of a 4th wave.
- 2. We are finalising a **tailored step-wise health** and **societal response** and to trigger appropriate responses **to detect**, **avert** and contain **a 4th wave**.
- Our biggest weapon against a big impact 4th wave is vaccination (especially for >50yr olds). We have the capacity to administer 40 000 vaccines/ day, but now require a massive whole of society effort to generate increased targeted demand.
- 4. We need to scale our multi-sector mobilisation efforts to reach everyone that has not yet been vaccinated, in a targeted and intentional manner, to restore our economy, and normalise the health system & societal functioning.



Thank you

K Cloete