

#### Western Cape Government

Health

#### **Digital Press Conference**

Health Update

Dr K Cloete

17<sup>th</sup> June 2021



#### **Overview**

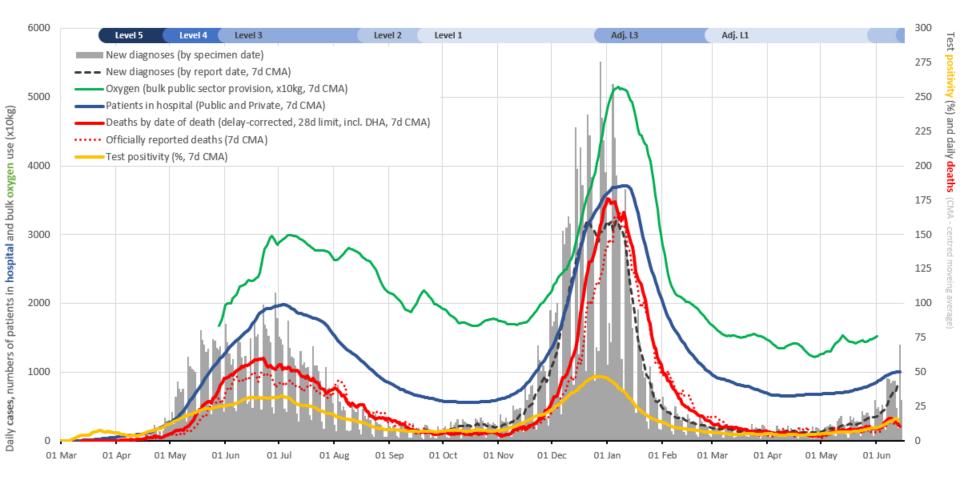
- 1. Surveillance & Response Update
- 2. Triggering the third wave response
- 3. Vaccine Implementation update
- 4. Conclusions



# Surveillance & Response Update



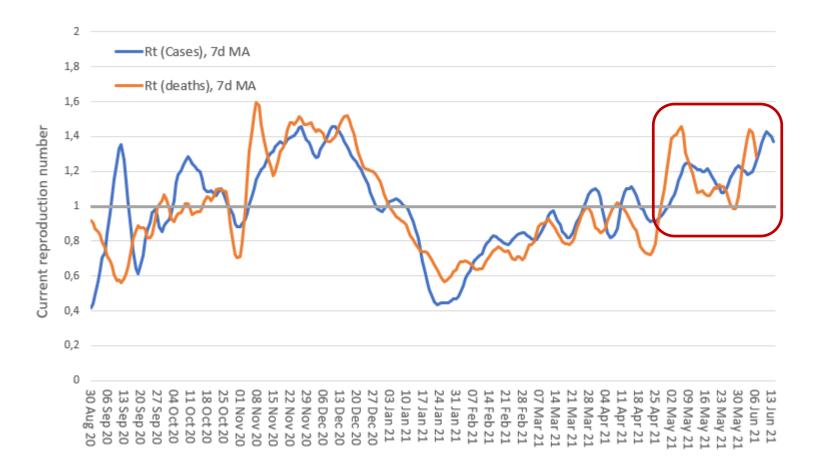
### Integrated testing, case, hospitalisation and mortality trends

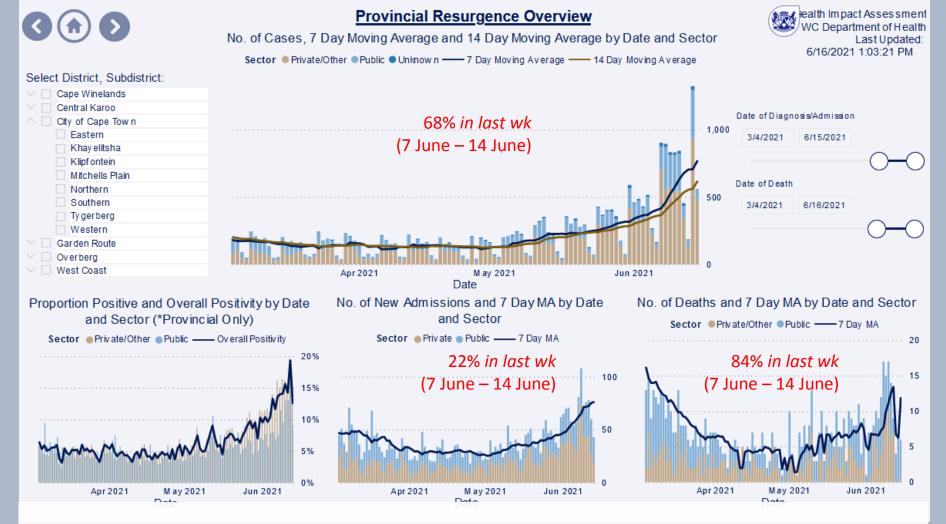




#### Current reproduction number (Western Cape)

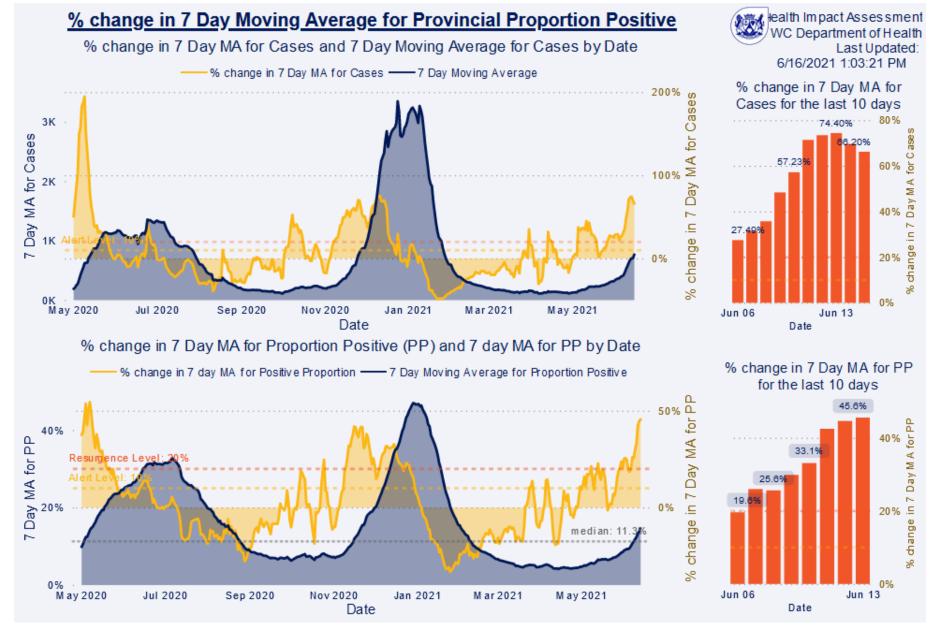
Reproductive number >1 for several days and on an upward trajectory – currently ~1.4)



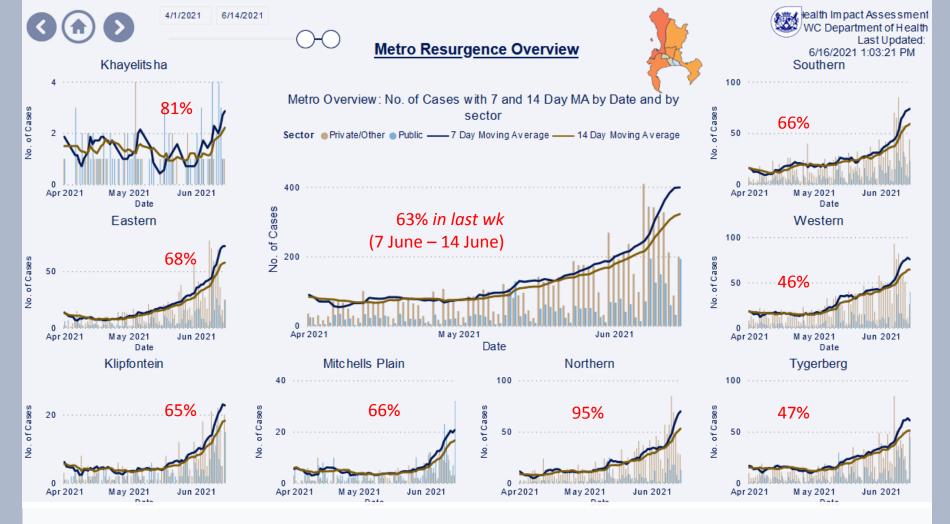


Provincial Overview

- Case numbers are increasing rapidly now, and we are currently seeing an average of 766 new diagnoses each day.
- Admissions are increasing with an average of 76 new admissions per day. Deaths have also started to increase now with around 13 each day although the absolute numbers remain small.
- The **proportion positive** has also increased markedly to an average of **16.2%** now, and was 20.6% on Monday 14 June.



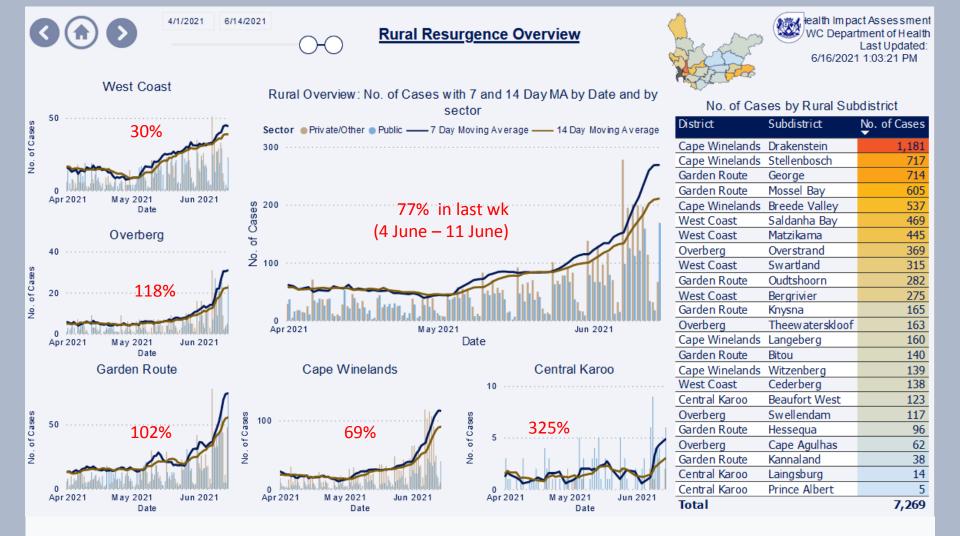
Week-on-week % change in 7dma of cases now >60% for 5 days after being >40% for several days AND proportion positive showing large percentage increases for >14 days



• Overall, there is a **63% week on week increase** in cases in the **Metro**.

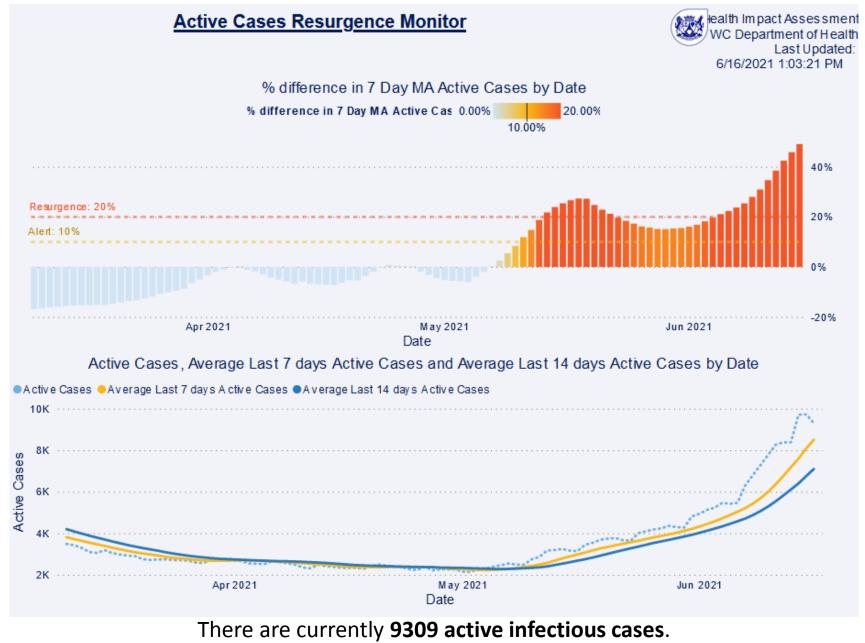
#### Metro Overview

• All the sub-districts are seeing a marked increase in cases, (but note the different axis values for the different sub-districts). Most cases diagnosed are in the **private sector**, but the number of public sector cases is also increasing especially in Mitchells Plain, Klipfontein, Tygerberg & Khayelitsha although the number of cases in Khayelitsha is small.

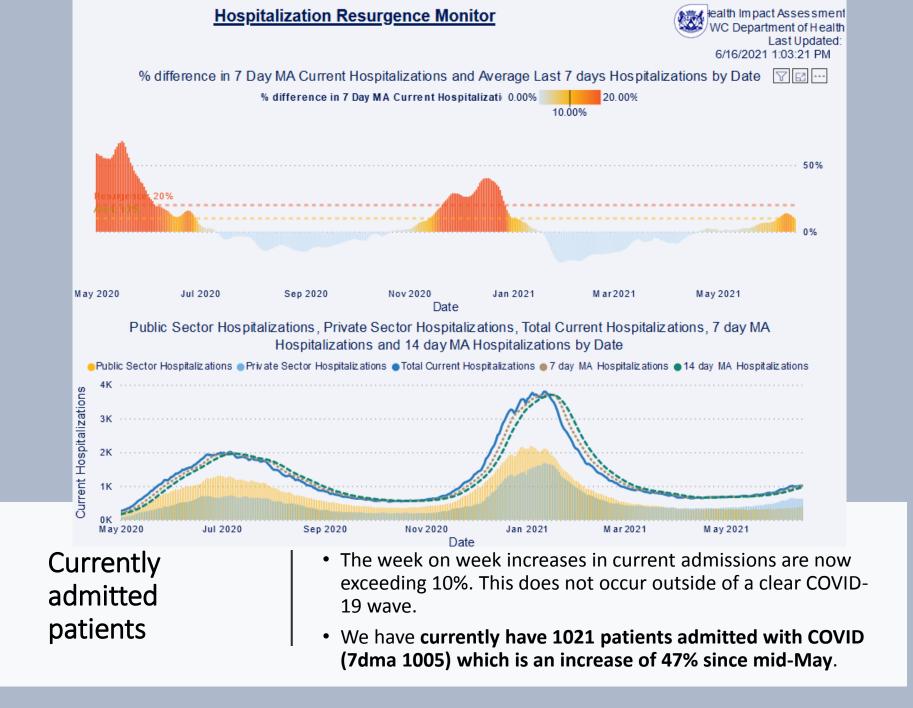


**Rural Overview** 

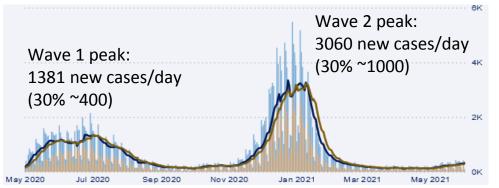
- The number of **new cases in Rural is also markedly increasing**, with all subdistricts showing increasing case numbers.
- Cape Winelands has mostly private cases, while the rest of Rural has a mix of both public and private.



This is **3507 more active cases (60%)** in the **last week alone**.



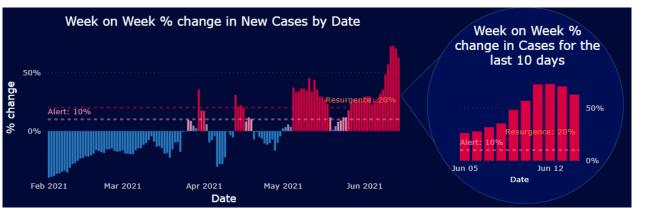
## Entering a third wave



3rd wave: daily new cases = 30% of previous peak

Since wave 2 peak was extremely high and to ensure early response, consider a new wave to start when we reach 30% of wave 1 peak.

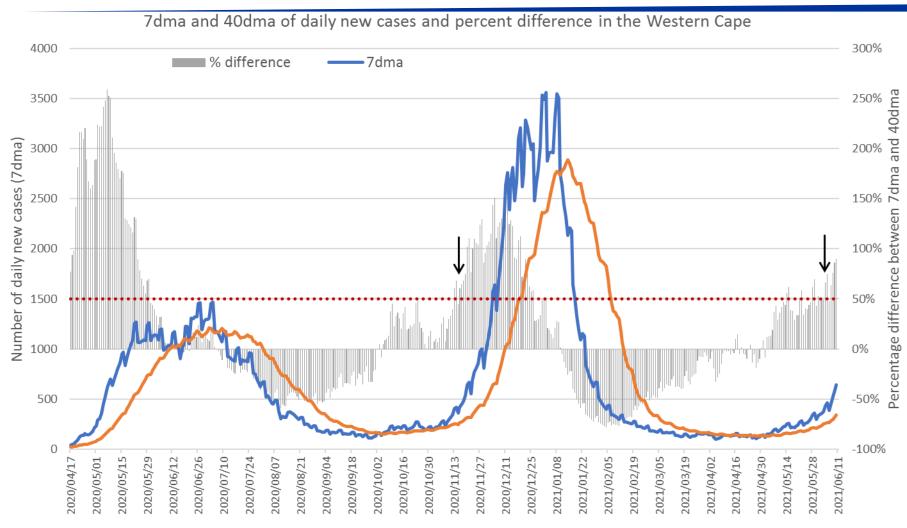
#### Currently 766 cases/day $\rightarrow$ entering a 3rd wave



The Resurgence Monitor shows that we continue to see a weekon-week % increase in new cases >20% despite already having a large number of cases.



#### 7dma of new cases much higher than 40 dma with increasing % differences



#### % difference between 40dma and 7dma increasing consistently and above 50% - very similar to ~13 November 2020 (black arrows)



# Triggering the 3<sup>rd</sup> wave response



### Western Cape 3<sup>rd</sup> wave advisory

**Principle**: Transparent pre-defined triggers for a whole of society response well in advance of 3<sup>rd</sup> wave to reduce transmission and prepare health services.

Indicator	Example of Resurgence Metric					
First warning: 个 health service demand in 14-21d	Large ↑ daily cases (increase for ≥ 1 week of ≥ 20%) Overall test positivity >7% for ≥1 week >15% of hospitals have >10% of beds occupied by COVID-19 patients $\bigcirc$ >50% ↑ in pre-COVID-19 hospital O <sub>2</sub> use					
Second warning: 个 health service demand in 7-14d	Overall test positivity 10-15% for ≥1 week>40% of hospitals have >10% of beds occupied by COVID-19 patients $0_2$ >75% $\uparrow$ in pre-COVID-19 hospital $O_2$ use					
Third warning: 个 health service demand in 2-7d	>50% of hospitals have >20% of beds occupied by COVID-19 patients >50% of high care, intensive care & HFNO <sub>2</sub> COVID-19 beds occupied $2$ >100% $\uparrow$ in pre-COVID-19 hospital O <sub>2</sub> use					
Health service capacity threatened	<ul> <li>&gt;2800 current COVID-19 inpatients</li> <li>&gt;80% of high care, intensive care &amp; HFNO<sub>2</sub> COVID-19 beds occupied</li> <li>&gt;200% ↑ in pre-COVID-19 hospital O<sub>2</sub> use</li> </ul>					

Note: Metrics in bold already met but based on case numbers only so need to confirm with admission indicators

## **Recommended actions when indicators are met**

Indicator	Recommended action
First warning	夏夏 Strong public messaging about 个 cases and need for stricter NPI adherence
indicator.	Publish ceilings of 2nd warning indicators with restriction expectations
↑ in health	?→ testing capacity, contact tracing, isolation
service demand	Prepare to mobilize resources for a substantial surge
in 14-21 days.	$\bigcirc$ $\uparrow$ vaccination
	Targeted sequencing of virus
	Recommend restrictions: gatherings, travel
Second warning	👮 🕅 Continue public messaging, vaccination, viral sequencing as above 🕥 🎇
indicator.	Publish ceilings of 3rd warning indicators with restriction expectations
↑ in health	2 Limit testing not absolutely necessary
service demand	Mobilize resources to support a substantial surge within 7 to 14 days
in 7-14 days.	Recommend further restrictions: gatherings, curfew
Third warning	fontinue public messaging, vaccination, viral sequencing, testing limits as above
indicator.	http://www.communication.com/www.communications.com/www.communications.com/www
↑ in health	Further mobilize resources to support a substantial surge within 2-7 days
service demand	Recommend restrictions: gatherings, curfew, alcohol
in 2-7 days.	

## The Public Health recommendations for restrictions

Indicator	Gatherings	Curfew	Travel*	Alcohol			
Between waves	Adherence and enforcement of all Level 1 regulations with engagement of stakeholders						
1st warning	<ol> <li>Non-essential gatherings strongly discouraged</li> <li>Max 50 people indoors; 100 people outdoors; ≤50% of venue capacity.</li> <li>Funerals ≤50 people; max duration of 2 hours.</li> <li>No spectators at sporting events.</li> <li>L1 protocols for public places strictly enforced. Special attention to:         <ul> <li>funerals</li> <li>restaurants/bars/taverns/shebeens/sports clubs.</li> </ul> </li> <li>Engage sector leaders to ensure NPI adherence.</li> </ol>	Level 1: 00:00-04:00 closing 23:00	<ul> <li>Non-essential travel to areas with ↑ case numbers strongly discouraged.</li> <li>L1 regulations for public transport; engagement transport sector to ensure adherence.</li> </ul>	No restriction			
2 <sup>nd</sup> warning	As above but no social gatherings permitted.	23:00-04:00 closing 22:00	As above	No restriction			

### Overview of the 3<sup>rd</sup> wave Response Strategy



#### **Entering The Mitigation Paradigm**

During the wave 3 period we will be asking of our staff

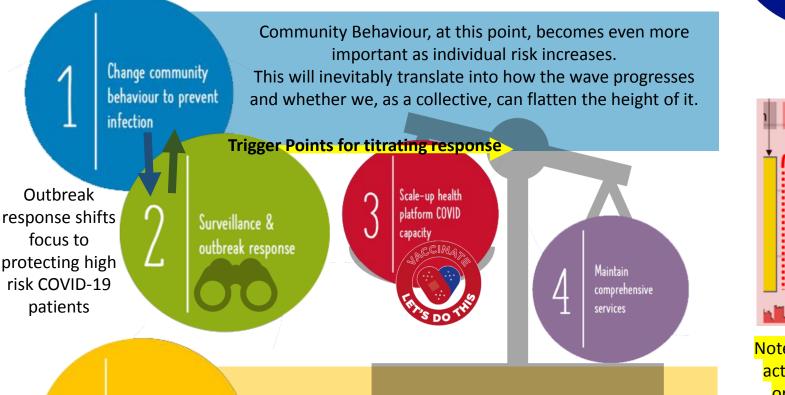
to manage increasing COVID-19 cases and a Phase 2

vaccine programme over and above their normal clinical

duties. This additional burden will stretch our staff.

5 POINT COVID CONTAINMENT STRATEGY

mitigation paradigm



Note: Trigger Points are actively monitored in order to titrate the response to the COVID-19 wave and achieve balance for COVID-19 and comprehensive service capacity.

#### Acute service platform – current picture

- 1. Currently 1 175 COVID patients in our acute hospitals (483 in public hospitals & 692 in private hospitals). This excludes PUIs and cases in specialised hospital settings.
- 2. The Metro hospitals have an average occupancy rate of 91%; George drainage area hospitals at 64%; Paarl drainage area hospitals at 79% & Worcester drainage area hospitals at 74%.
- 3. COVID & PUI cases currently make up 7% 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 37 patients (3 514 cumulative patients), Freesia & Ward 99 has 0 patients, Mitchell Plain Hospital of Hope has 0 patients and Sonstraal currently has 10 patients.
- 5. The Metro mass fatality centre has capacity for 240 bodies; currently 2 decedents (cumulative total of 1445 bodies) admitted. The overall capacity has been successfully managed across the province.





#### WCDOH: Daily Operational Bed Status Dashboard as at 15/06/2021

						BUR % for	BUR % for
		C:U.s.d				Designated	Designated
Drainage Area		Filled				Covid	Covid
	Operational	Beds		COVID	% Covid	Beds(General	Beds(Critical
	Beds		BUR %	BUR %	patients	Wards)	Care)
Cape Town /Metro	5,041	4,592	91%	14%	5%	14%	18%
George	918	586	64%	13%	7%	12%	17%
Paarl	938	745	79%	36%	13%	35%	250%
Worcester	769	571	74%	21%	13%	20%	27%
SubTotal WCDOH	7,666	6,494	85%	17%	7%	17%	23%

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

Operational Bed = an inpatient bed available for inpatient use that is staffed and equipped.

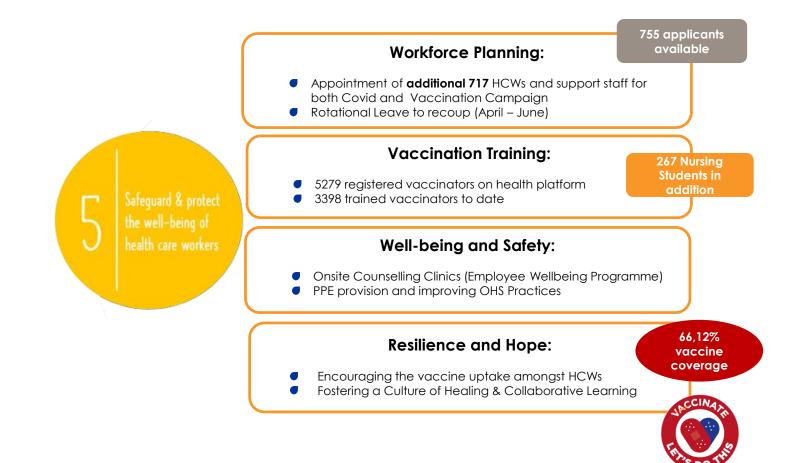


#### Oxygen utilisation – general comments

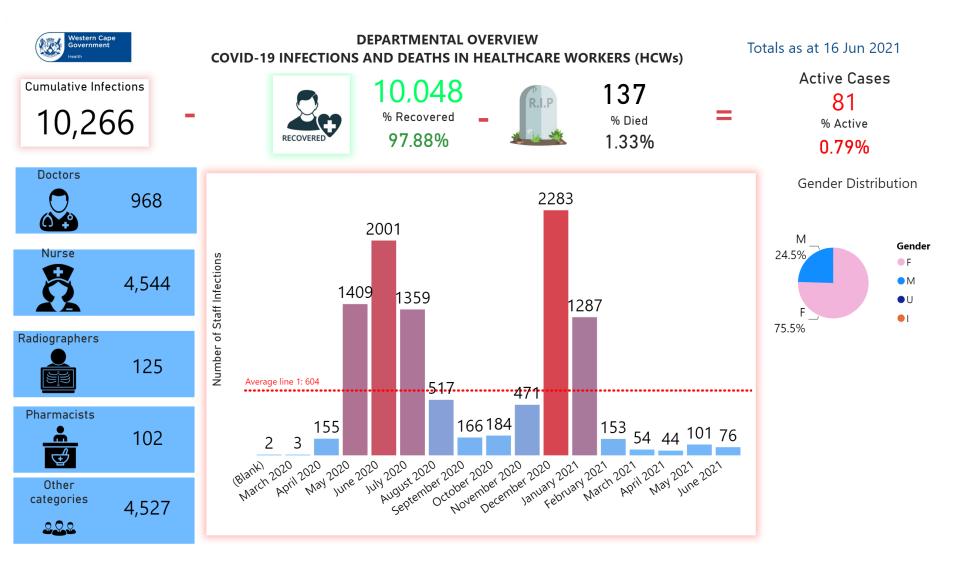
- The combined public-private utilisation is now 31.04 tons/day or 44.34% of the maximal production capacity (70 tons/day) at the Afrox Western Cape plant.
- The public sector total average bulk oxygen consumption is 16.53 tons/day. This equates to around 23.61 % of the daily bulk consumption of the Afrox WC plant for the 7-day period ending 30<sup>th</sup> April 2021. This is compared to 51 tons/day in the first week of January.
- 3. Both **public and private sectors** are **addressing some of the capacity challenges** at facility level, as identified during the 2<sup>nd</sup> wave, in preparation for the 3<sup>rd</sup> wave.
- We will continue to monitor the utilisation of oxygen over the coming weeks, with an undertaking from Afrox to be able to scale up the provision as required for a 3<sup>rd</sup> wave.

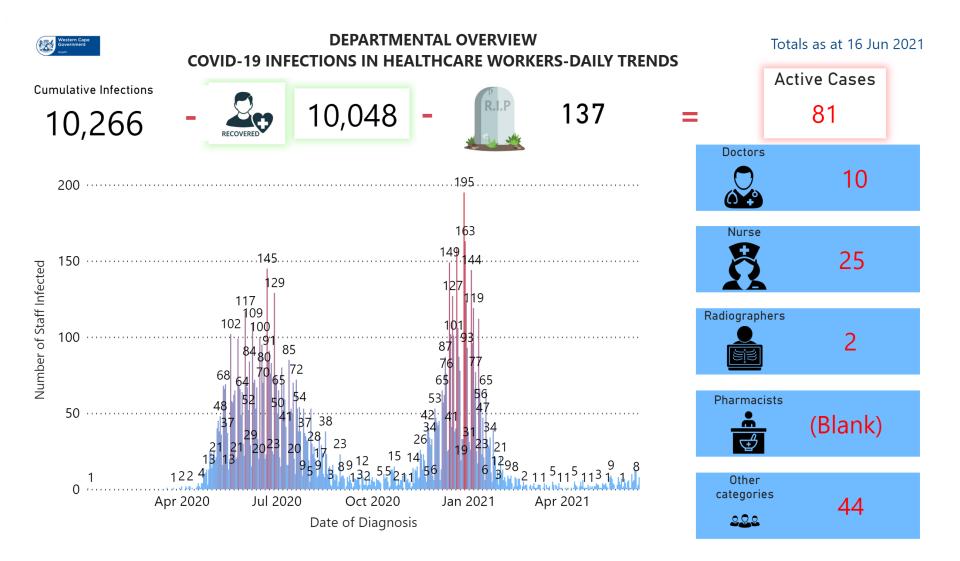


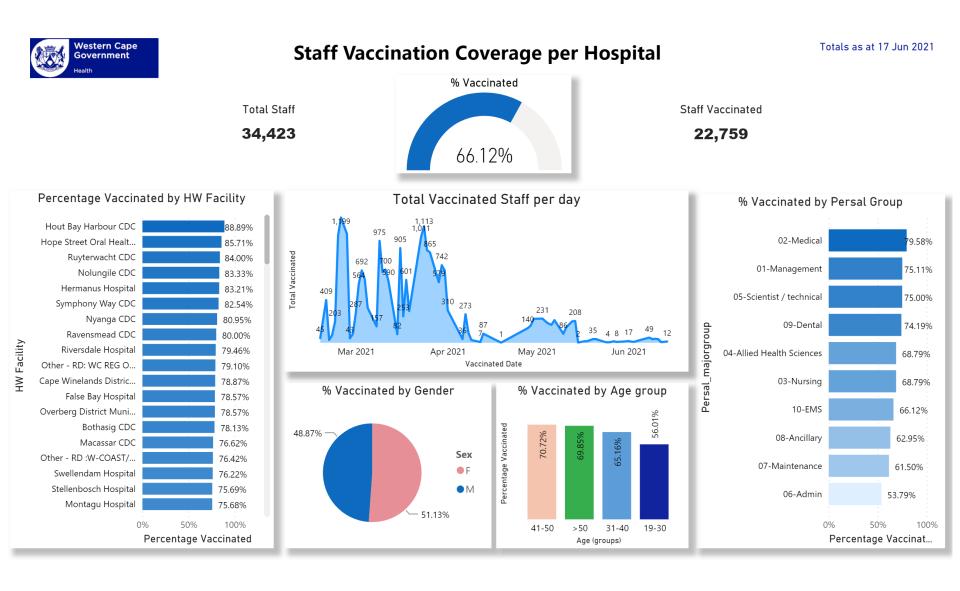
#### Preparing and Caring for our People – 3<sup>rd</sup> Wave











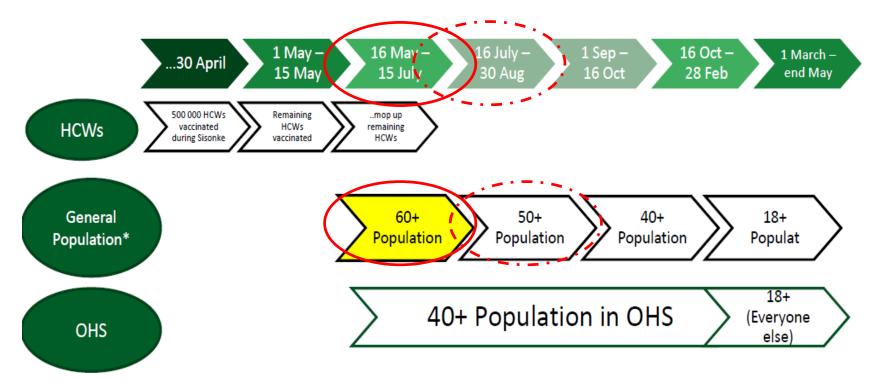
# Vaccine Implementation update







### Phase 2 and Phase 3: NDoH Timelines and Target Population



- Phase 2 commenced on 17<sup>th</sup> May 2021 and will overlap with the mop-up of healthcare workers who have not been vaccinated as part of the Sisonke Programme.
- Transition from one age band to the next once a significant proportion (~70%) of the target population in the current age band has been registered and vaccinated, and clear trigger points for opening registration for other age bands



## Age-based Sequencing in WC

	Age band	Number	Timelines
Phase 2a	>60 yrs	719 668	17 May- 30 June
Phase 2b	40-59 yrs	1 631 040	1 July – 30 Oct
Phase 3a	30-39 yrs	1 314 059	1 Nov- 28 Feb
Phase 3b	18-29 yrs	1 378 556	
	Total	5 076 130	

- Age distribution will vary across districts & sub-districts
- Workers aged 40 years and older included in Phase 2



## Vaccinator Database (as at 16 June 2021)





## Updated Vaccine Supply Pipeline for Western Cape

Date Received	14 May	22 May	24 May	27 May	03 June	10 June	17 June	24 June
Number of Pfizer	33 930	35 100	29 250	25 740	72 540	49 140	49 140	~140 400
doses received								NB: Estimate
Provincial	33 930	69 030	98 280	124 020	196 560	245 700	294 840	~ 435 240
Cumulative	(Pfizer)	(Pfizer)						
Vaccines								
Received								
	Only	Only Pfizer						
	Pfizer	Pfizer	Pfizer	Pfizer	Pfizer	Pfizer	Pfizer sites	sites
	sites	sites	sites	sites	sites	sites		

NDoH has indicated that supply constraints will be reduced from 24 June 2021 onward.

J&J supply pipeline expected to be confirmed over the coming week.



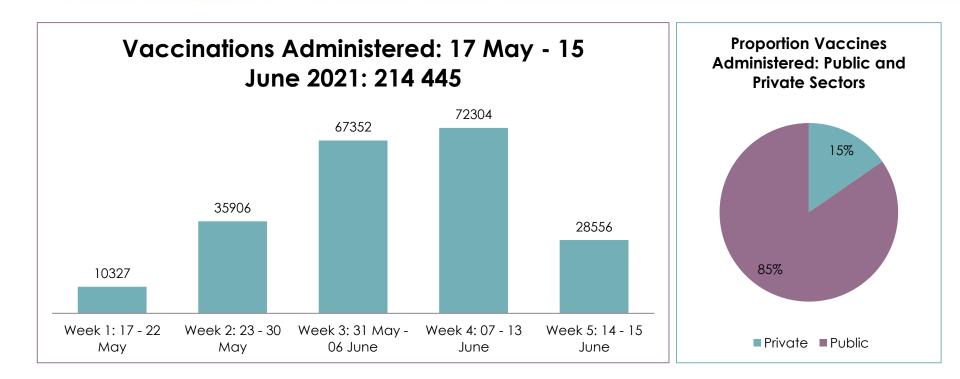
## Planned Public Sector Sites: Metro & Rural for Phase 2

District	Sub-structure	# of Vaccination Sites
City of Cape Town	Southern/Western	19
	Klipfontein/Mitchell's Plain	11
	Khayelitsha/Eastern	19
	Northern/Tygerberg	21
TOTAL		70
Rural Districts	Overberg District	48
	Garden Route District	41
	West Coast District	53
	Cape Winelands District	48
	Central Karoo District	14
TOTAL		204

- Public Sector Sites have come on line in a phased manner from 17 May onwards
- Mass sites (Metro), Private sector sites and Workplace sites are added sequentially
- There are weekly updates on activated sites per geographic area
- Currently 205 total active sites



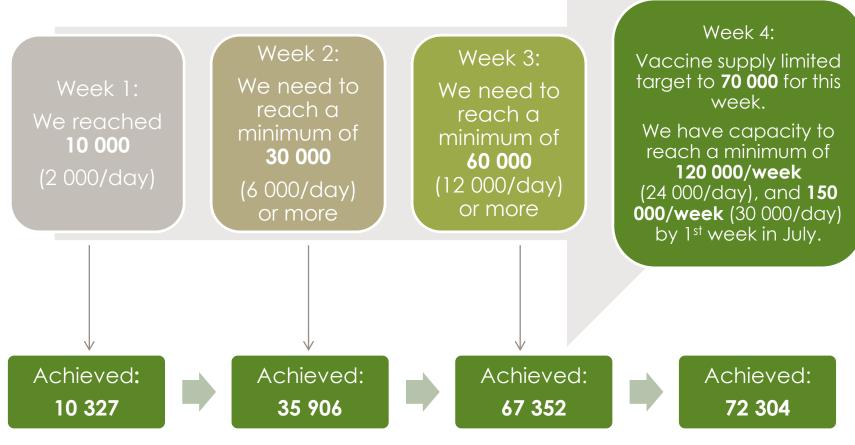
#### Vaccines Administered: Phase 1b and Phase 2



Cumulative Total = 93 153 (Sisonke) + 214 445 = 307 598 vaccines administered.

\*Phase 1b and Phase 2 recipients still to receive 2<sup>nd</sup> Pfizer dose







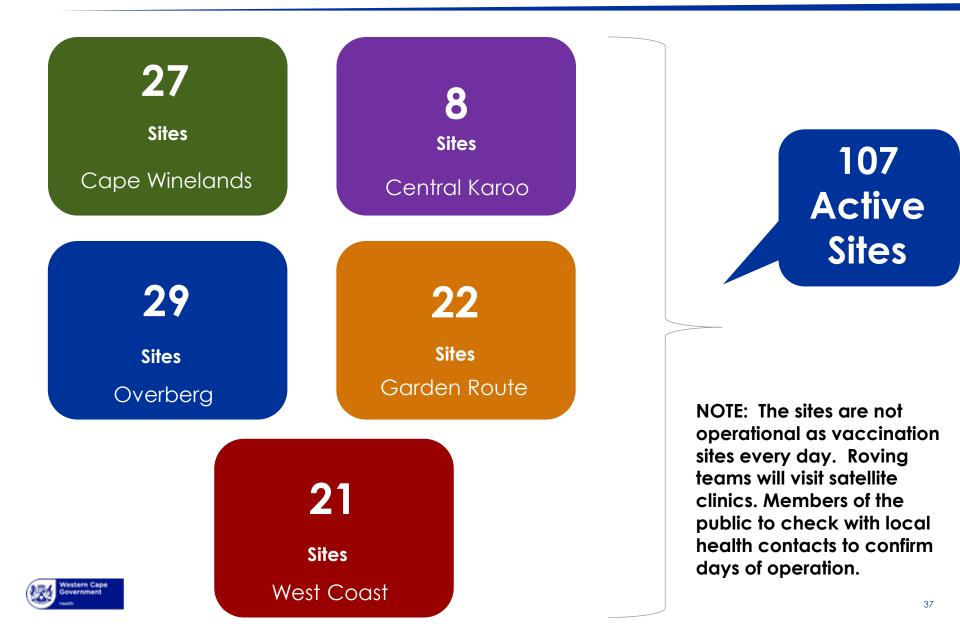
Achievement updated as EVDS is updated (back-capturing)

#### Public Sector Sites: Metro – 14 to 18 June 2021

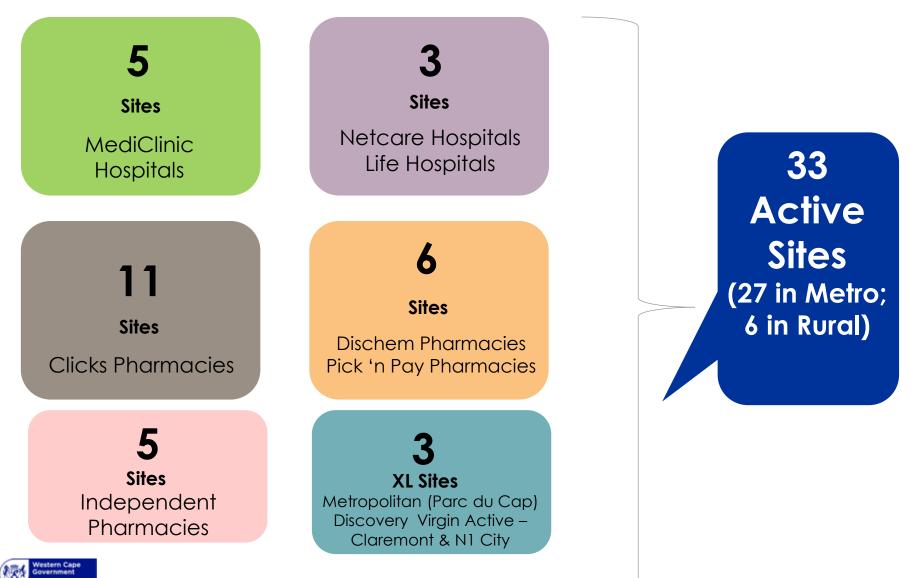




## Public Sector Sites: Rural Districts – 14 – 18 June 2021



## Private Sector Sites: 14 – 18 June 2021

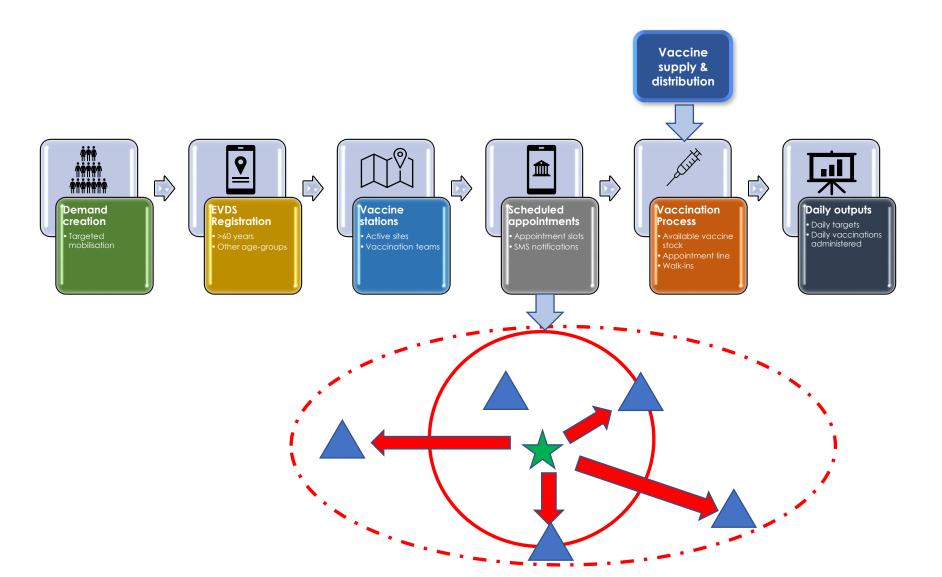


## Mass vaccination sites in the Cape Metro

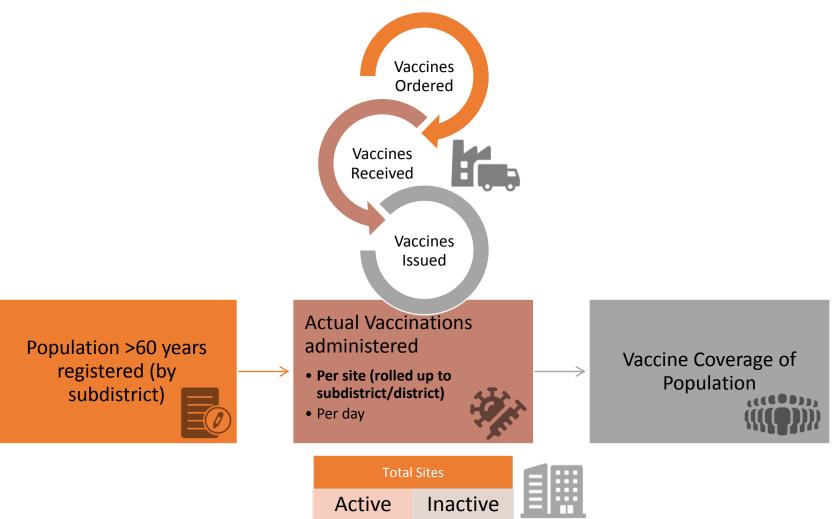
- The Metropolitian Health/Momentum mass site at the Parc Du Cap premises in the Bellville area opened on 4 June 2021. This site will serve as a private sector site primarily. The WCG will partner with this site to ensure access for uninsured clients.
- The Western Cape Government has partnered with the City of Cape Town and CTICC and the private sector to establish a mass vaccination site at the CTICC, expected to be operational by 1<sup>st</sup> week in July 2021.
- Assessments have been carried out at the Athlone Sports Stadium. This site will be able to accommodate a mix of fixed vaccination stations and drive-through stations. It is likely that this site will be brought on board as a mass site 5 – 6 weeks after CTICC.
- 4. The successful go live and functioning of these sites will depend upon receiving an adequate supply of vaccines from the NDOH.



## **High-level Vaccination Process Rationale**







		al COV Cascad	e	dated: 16/06/2021
	Vaccine K	ey Indicators		
No. of People Registered >60: 366,298	No. of Vaccines Administered: Total: 282,632 >60: 189,568		Provincia Coverage	
District/Subdistrict	Absolute Population >60	Vaccine Registrations >60	% Registered >60	No. of Vaccinations given to >60 by subdistrict administered
Overberg	32,151	24,840	77.3%	8,216
Overstrand	14,641	13,205	90.2%	2,172
Cape Aghulas	4,667	3,301	70.7%	1,745
Theewaterskloof	9,099	6,033	66.3%	3,462
Swellendam West Coast	3,744 38,455	2,301 21,729	61.5% 56.5%	837 9,049
Bergrivier	5,588	3,547	63.5%	1,264
Saldanha Bay	11,469	6,534	57.0%	2,472
Matzikama	5,654	3,218	56.9%	1,518
Cederberg	4,602	2,579	56.0%	1,007
Swartland	11,142	5,851	52.5 <mark>%</mark>	2,788
Garden Route	81,204	43,876	54.0%	13,724
Knysna	9,370	6,211	66.3%	886
Mossel Bay	18,182	11,636	64.0%	2,000
Hessequa	8,013	4,974	62.1%	1,141
Bitou	7,482	3,613	48.3%	1,754
<u>George</u> Kannaland	24,410	11,652 1,296	47.7% 46.6%	5,565 526
Oudtshoorn	2,784 10,963	4,494	40.0% 41.0%	1,852
City of Cape Town		233,130	41.0%	1,652
Southern	82,654	51,421	62.2%	15,382
Western	67,130	41,630	62.0%	23,282
Klipfontein	34,027	19,725	58.0%	16,787
Eastern	75,014	36,849	49.1%	16,558
Northern	68,642	31,028	45. <mark>2%</mark>	13,954
Tygerberg	74,072	29,898	40.4%	21,459
Khayelitsha	24,801	8,589	34.6%	9,795
Mitchells Plain	47,229	13,990	29.6%	24,723
Cape Winelands	84,652	39,461	46.6%	15,691
Stellenbosch	18,336	9,432	51.4% 50.9%	3,358
Drakenstein Breede Valley	27,439 17,693	13,973 7,570	42.8%	5,117 4,018
Langeberg	10,782	4,477	42.0%	1,601
Witzenberg	10,782	4,477	38.5%	1,597
Central Karoo	9,662	3,262	33.8%	2 5
Beaufort West	6,502	2,330	35.8%	899
Prince Albert	1,933	595	3 <mark>0.8%</mark>	
Laingsburg	1,227	337	27.5%	49
Total	719,693	366,298	50.9%	189,568 🦟

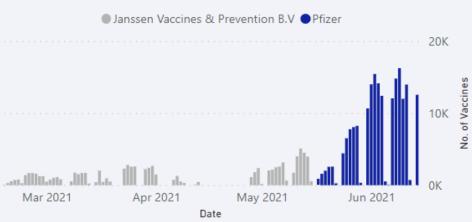


Subdistrict	No. of Vaccinations given to >60 by subdistrict administered	
Mitchells Plain	24,723	
Western	23,282	
Tygerberg	21,459	
Klipfontein	16,787	
Eastern	16,558	
Southern	15,382	
Northern	13,954	
Khayelitsha	9,795	
George	5,565	
Drakenstein	5,117	
Breede Valley	4,018	
Theewaterskloof	3,462	
Stellenbosch	3,358	
Swartland	2,788	
Saldanha Bay	2,472	
Overstrand	2,172	
Mossel Bay	2,000	
Oudtshoorn	1,852	
Bitou	1,754	
Cape Aghulas	1,745	
Langeberg	1,601	
Witzenberg	1,597	
Matzikama	1,518	
Bergrivier	1,264	
Hessequa	1,141	
Cederberg	1,007	
Beaufort West	899	
Knysna	886	
Swellendam	837	
Kannaland	526	
Laingsburg	49	
Total	189,568	

## **Vaccines Administered**

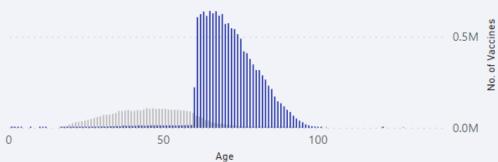
Vaccine Maunfacturer	Total No. of Vaccinations administered	No. of Vaccinations administered for >60	
Janssen Vaccines & Prevention B.V	88,027	7,299	
Pfizer	194,605	182,269	
Total	282,632	189,568	

### No. of Vaccines by Date and Vaccine Manufacturer



### No. of Vaccines by Age and Vaccine Maunfacturer

Janssen Vaccines & Prevention B.V OPfizer



Last Updated: 16/06/2021



# **EVDS Registrations**



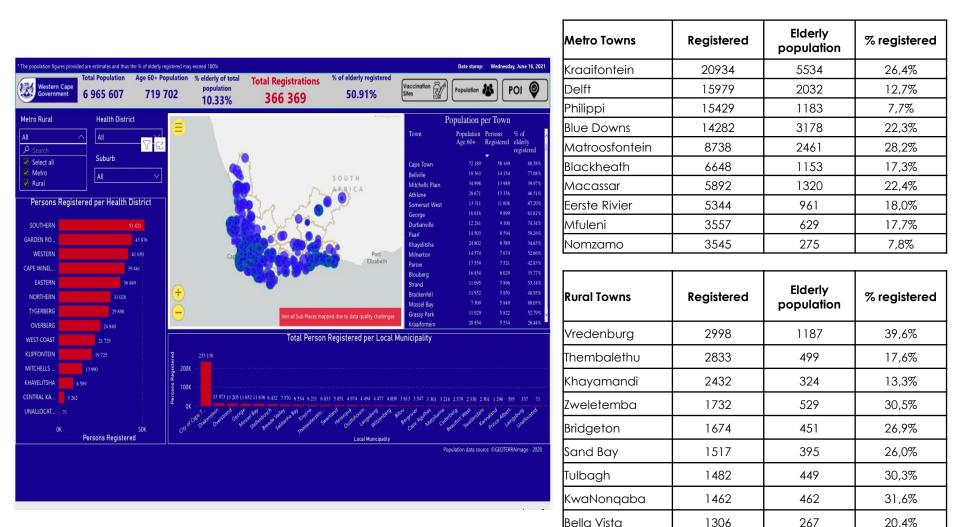


## EVDS Registrations: >60 years as at 16 June 2021

Western Cape 50.91% (366 369) Population >60 years										
RURAL			METRO							
District	Total Registered on EVDS	% >60 years registered on EVDS	Sub-district	Total Registered on EVDS	% >60 years registered on EVDS					
Cape Winelands	39 491	46.60%	Eastern	36 857	49.13%					
Central Karoo	3 262	33.77%	Khayelitsha	8 589	34.63%					
Garden Route	43 846	54.06%	Klipfontein	22 006	64.45%					
Overberg	24 840	77.27%	Mitchell's Plain	15014	31.28%					
West Coast	21 729	56.50%	Northern	31 028	45.20%					
Source:			Southern	51 442	62.91%					
https://coronavirus	s.westerncape.go	ov.za/vaccine-	Tygerberg	30 1 4 0	40.69%					
As at 16 June 2021	@ 12:10		Western	41 894	62.42%					



## Towns with large elderly populations by low registration on 16 June 2021 https://coronavirus.westerncape.gov.za/vaccine-dashboard



Bongolethu

1271

222

17,5%



# Communications



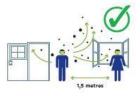
© Western Cape Government 2012

## The Third Wave Safety Message

### Stay Safe with your family and friends

We must all stand together to beat the third wave of the coronavirus. We can do this by understanding how coronavirus spreads and keeping up our good habits.

- Coronavirus spreads through the air when people breathe. talk, cough, sing or shout.
- It spreads quickly during waves that last several months.



#### We can protect ourselves by:

Keeping gatherings small, short and outdoors.

STAY SAFE

- Making sure we have as much fresh air as possible indoors.
- Wearing our masks when with others or leaving the house.

#### Mask up!

 A 3-layer cloth mask halves the amount of coronavirus you breathe in. Masks protect you and the other person - it shows you care.

#### Stay home for 10 days and test if you develop coronavirus symptoms:

- Cough
- Loss of smell or taste Body aches

Sore throat

Fever

Try to stay separate from others in your home. If you can't, wear a mask and open doors and windows.

#### Go to hospital immediately if you

#### develop:

- Difficulty breathing Chest pain or pressure that won't go away
- Confusion
- Can't wake up completely

### Spend time with others safely







STAY SAFE

If you are sick, stay at home.

Keep physical distance from others.

Wear a mask.

Cover your cough.







Don't spit, shout or sing close to other people.

Wash or sanitize your hands often.

Do not shake hands, hug or kiss anyone outside those in your home.









Postpone or cancel parties

Limit the size of your gatherings and keep them short.

outside where possible.

If you must be inside, open windows and doors to create good airflow.

Be extra careful if you are at risk of severe COVID-19: over 55 years or with diabetes, HIV. TB. kidney disease, hypertension. chronic lung disease or cancer.





Western Cape call centre: 0860 142 142 www.westerncape.gov.za



Western Cape call centre: 0860 142 142 www.westerncape.gov.za

### https://www.facebook.com/WCGHealth/

### Pfizer-Biontech COVID-19 vaccine waiting period now 42 days between 1st and 2nd dose

- The waiting period between the first and second dose has changed from 21 days to 42 days, nationwide.
- You will receive an appointment for your second dose. The appointment date will be 42 days after the first dose.
- If you do not receive a second appointment date, and 42 days have passed since your first dose, please contact 0860 142 142 for further assistance.



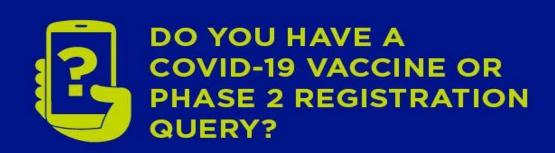


### https://coronavirus.westerncape.gov.za/vaccine/





## Call Centre for public queries in addition to National Call Centre



Please call 0860 142 142 OR email: service@westerncape.gov.za

Operating hours: Monday - Friday: 08:00 - 20:00 Weekends & Public Holidays: 08:00 - 16:00







# Conclusions



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### **Concluding remarks**

- We have entered a 3<sup>rd</sup> wave, and urge everyone to adhere to protective behaviours, as a key drive to contain it.
- We anticipate that the 3<sup>rd</sup> wave will be lower than the 2<sup>nd</sup> wave. However this is dependent on the strength of our behaviour over the coming weeks.
- 3. We are prepared for the 3<sup>rd</sup> wave, with clearly identified trigger points for an appropriate health platform and societal response.
- We require a concerted whole of government and whole of society response to flatten the 3<sup>rd</sup> wave.
- We have scaled up our Phase 2 vaccination capacity to administer vaccines over the past four weeks, in a sequential manner in each geographic area.
   We have the capacity to scale up rapidly, when we receive more vaccines.
- We need to mobilise and assist everyone >60 years to be registered on the EVDS for Phase 2, it is in everybody's interest – "Let's do This"



# Thank you

