

LIMPOPO DEPARTMENT OF HEALTH COVID-19 VACCINE ROLLOUT STRATEGY

# LIMPOPO DEPARTMENT OF HEALTH COVID-19 VACCINE ROLLOUT STRATEGY

August 13th, 2021 | [Academic Articles](#), [Webinars & Presentations](#)



**LIMPOPO**  
PROVINCIAL GOVERNMENT  
REPUBLIC OF SOUTH AFRICA

**LIMPOPO DEPARTMENT OF HEALTH**

**COVID-19 VACCINE ROLLOUT  
STRATEGY**

**BEST PRACTICE INPUT**

NDOH VIRTUAL MEDIA BRIEFING: SA RESPONSE TO COVID-19  
13 AUGUST 2021

PRESENTER: DR M DOMBO  
ZOOM

*The heartland of southern Africa - development is about people*

# Overview

- Planning and co-ordination
- Phase 1 implementation and lessons
- Phase 2 & 3 implementation
- Social mobilization & demand creation
- Registration and vaccine coverage
- Expansion plan
- Challenges and success factors

*The heartland of southern Africa - development is about people*

- We do not have unlimited resources: **do more with less**
- Budget cuts, COVID-19 budget essentially from ES
- Instruction to TWS
  - RULE OF ONE
  - KISS (Keep it simple stupid)
  - Know your context

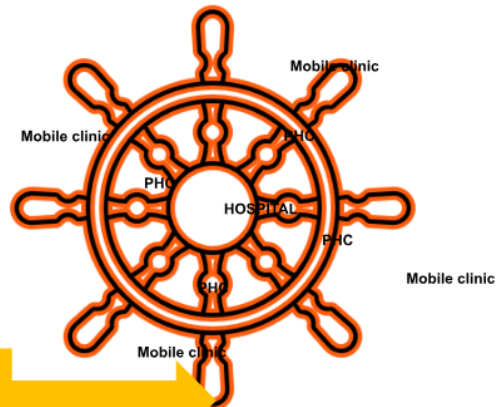
## DISCLAIMER

**THIS SITUATION IS RAPIDLY EVOLVING**  
**The response will evolve according to situation**

*The heartland of southern Africa - development is about people*

*The heartland of southern Africa - development is about people*

- **Hub and spoke method**
  - Hospital 37 (specialised hospitals excluded)
    - Hospital Staff
  - PHC Facilities: fixed x 481
    - 109 PHC mobile clinic teams (2720 visiting points)
    - PHC/ district programme staff
  - **Total of 581 fixed existing facilities as delivery platform**
  - **Total of 2720 existing mobile clinic visiting points**



**Possibilities: 3301 known, existing points of contact**

*The heartland of southern Africa - development is about people*

Human Resources Assumptions

Key assumptions Assumptions	
Number of vaccinators available	• <b>169 vaccinators identified as available from ISHP and mobile clinics ( no hospital disturbance)</b>
Vaccination capacity	Assuming one person can vaccinate min 50 people 50 persons per vaccinator X total number of vaccinators (169) <div style="float: right; border-left: 1px solid black; padding-left: 10px;">             = <b>8450 per day</b>              = <b>8450 x 5 days = 42250 per week</b> </div>
Implementation risk	<ul style="list-style-type: none"> <li>• We need to factor-in various leaves of absence (including quarantine and isolation ),</li> <li>• a buffer HR must be available</li> <li>• i.e. need a pool of 300 vaccinators , training implications</li> </ul>

**The heartland of southern Africa - development is about people**



PHASE 1 COVID 19 Vaccination strategy

**The heartland of southern Africa - development is about people**

	Scenario 1	Scenario 2	Scenario 3	Scenario 4
Total population	50 000	50 000	<b>50 000</b>	50 000
Target per day	2500	5000	<b>7500</b>	10 000
Number of vaccinators	50	100	<b>150</b>	200
Vaccination period	20 days	10 days	<b>7 days</b>	5 days

- This shows that the province has capacity to vaccinate phase 1 population within a period of 2-3 week with current vaccinators

**The heartland of southern Africa - development is about people**

#### Hospital Based Vaccination sites

- Hospital staff
- EMS
- Forensic pathology staff

#### Mobile Vaccination Outreach teams

- PHC Staff
- Mobile clinic
- Nursing colleges
- Malaria institute
- District and provincial office
- Depot

#### Approach

- The vaccination of hospital-based health care workers will be provided through the Occupational Health Care Services/Units.
- Vaccine delivered to the hospital –stored in hospital pharmacy in accordance with manufacturer's cold chain instructions
- Vaccinators may be occupational health, IPC or other staff members with experience in vaccination.

#### Approach

- Each hospital will partner with PHC to establish vaccination outreach teams which will cover each geographical service area.
- These teams will develop a schedule and move from facility to facility vaccinating all eligible health care workers.
- All hospital will also be vaccination training centres (in-service) for all the PHCs in the catchment areas

**development is about people**



**The heartland of southern Africa - development is about people**

## ASTRA-Z DIES, SISONKE IS BORN

- Vaccination planned to be implemented in phases as the vaccines becomes available
- A total 300 000 to 500 000 doses for phase 1 expected in 2 months according to NDOH
- Initial 80 000 doses with 18 vaccination sites selected across the country focussing on large hospitals
- \*For LDOH implementation is planned for two vaccination sites **Pietersburg and Mankweng hospital with 7160 doses expected for the week (17 February 2021).**
- **Needless to say we were not happy with this arrangement:**
  - 6 weeks to vaccinate HCW population vs. 10 days per LDOH plans
  - 2 sites (both in Polokwane area) vs 37 sites □ logistics and access for distant employees (discrimination by geography)
- **no access to EVDS and Sisonke database** □
  - Not able to register employees who met criteria (patient facing, specimen facing)
  - Vouchers not issued

**The heartland of southern Africa - development is about people**

- Expand the implementation from one district at a time every 7 to 10 days
- Each district: one main vaccination site in a centrally located hospital and vaccination outreach teams ( 1 -3 teams per district) **modified hub & spoke**
  - Teams will outreach to a district hospital per pre-determined **schedule (see vaccination slides)**
  - the cycle repeats itself after all districts are completed
- Outreach teams will move to district hospitals for max 2 days at a time
- Each site (main /outreach) will vaccinate its drainage area
  - PHC, EMS, Malaria, Nursing College, NHLS, district/ provincial offices
  - Private HCW will be vaccinated at the nearest public hospitals if they choose to do so
- All district will be prepared one week prior vaccination commencement in terms of:
  - EVDS registration and issuing of Sisonke vouchers
  - Vaccination site preparedness by benchmarking with current vaccination sites
  - HR requirements
  - IT and EVDS requirements
- Advance teams (IT, HIO, EPI, PHC, pharma)

*The heartland of southern Africa - development is about people*



Lessons from SISONKE

- Hub and spoke practice... does work
- Fast moving, adaptation necessary for success
- We made it fun for staff: increased uptake... 39 217 vaccinated (15 May 2021)
- Fight for what will work for you:
- **But took 12 weeks!!!**
  - not allowed to use our pharmacists
  - Resistant to the decentralization
  - In DBC: 2 days = 30k vaccinated

*The heartland of southern*

Phase 1: Scenarios

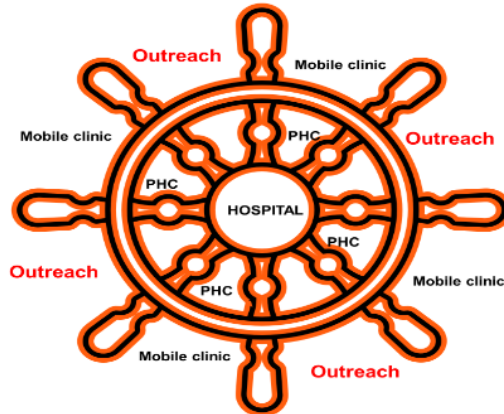
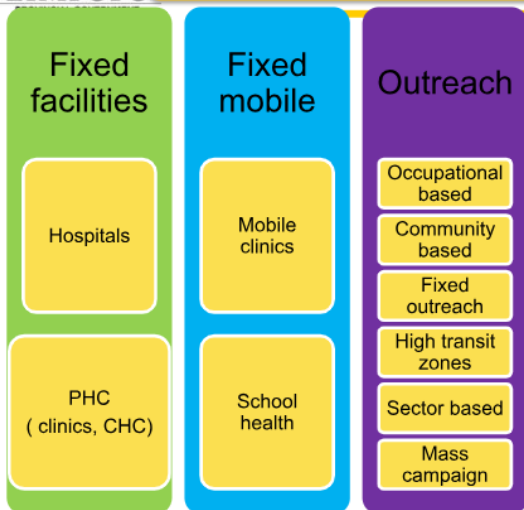
	Scenario 1	Scenario 2	Scenario 3	Scenario 4
Total population	50 000	50 000	<b>50 000</b>	50 000
Target per day	2500	5000	<b>7500</b>	10 000
Number of vaccinators	50	100	<b>150</b>	200
Vaccination period	20 days	10 days	<b>7 days</b>	5 days

This shows that the province has capacity to vaccinate phase 1 population within a period of 2-3 week with current vaccinators

**The heartland of southern Africa - development is about people**

- Total population provided: 48K
- Available days (national programme):
  - 18 consecutive calendar days
  - Provincial Decision: sector days: Fridays (7 Saturdays)
  - Thus 2-4 vaccination days
  - I.e. scenario 4, therefore
  - Augment vaccinators
  - Increase target/ day
  - = 37 sites, min 10 stations each
  - Target: 75K vaccinated in 2 weeks**

**The heartland of southern Africa - development is about people**



**Qualifying age criteria expansion**

**The heartland of southern Africa - development is about people**

## Social Mobilisation and Demand Creation approach

### Political Leadership

High level political support through the OTP and MEC Health to provide information and improve acceptance and uptake

### Vaccinators Support

Optimal support for the implementers with training and resources with clear messages, including ability to sell vaccination to clients

### Vaccine Dashboard Communication

Use of up-to-date data to monitor implementation, to encourage the implementers and update the public

### Social Mobilisation

Use of leaders, influencers and mobilisers in different communities and settings to create demand and improve acceptance and uptake

### Make the vaccine accessible

as much as possible, take the vaccine to the people while ensuring sustainability through broad platform of fixed sites

*The heartland of southern Africa - development is about people*



Vaccine enrollment, EVDS registration

### 3 pronged

- Self registration
- Family assisted registration
- GRM/CCG assisted

You are invited to the launch of  
**COVID-19 VACCINATION SELF REGISTRATIONS**  
FOR CITIZENS  
60 YEARS AND ABOVE



**DETAILS ARE AS FOLLOWS:**  
Date: Wednesday, 21 April 2021  
Time: 11h00  
Venue: Premier's Residence,  
Tooseng Village  
Lepelle Nkumpi Municipality  
Capricorn District  
Limpopo Office of the Premier



**IS YOUR GRANNY,  
FATHER, MOTHER,  
FRIEND OR  
NEIGHBOUR  
60 YEARS AND ABOVE?**

Please Register or  
Help them to Register  
for **COVID-19 VACCINATION**  
at [vaccine.enroll.health.gov.za](http://vaccine.enroll.health.gov.za)

**Register at the comfort of your home**  
Registration will enable registered people to be allocated an appointment date when vaccination commences



**Switela swa wena swa Xitirhisiwa ka Vunokoxoko bya Ntlhavelo wa Xielekironiki ya (EVDS)**

Vakhotho va malameho va 60 hantle ka lilela va tsebele ka litsebetso tse ntle tsa COVID-19 ka tshepo. Xitirhisiwa ka Malameho wa EVDS hi Vona.

**6 WA MAGOZA YO TITSARISELA NTLHAVELO LOKO U RI NA MALEHO YA 60 KUMBE KU TLULA:**

- OSISA 1** Tsebeletso e ntle e tsebeletso e ntle
- OSISA 2** U ka tsebeletso e ntle e tsebeletso e ntle
- OSISA 3** U ka tsebeletso e ntle e tsebeletso e ntle
- OSISA 4** U ka tsebeletso e ntle e tsebeletso e ntle
- OSISA 5** U ka tsebeletso e ntle e tsebeletso e ntle
- OSISA 6** U ka tsebeletso e ntle e tsebeletso e ntle

**#ItswelaNtlhavelo**

*The heartland of southern Africa*

South African COVID-19 Vaccination Programme Registration Portal: Provincial Summary (Phase 2 Registrations) 04 May 2021

**Total Registered Persons**  
**21,812**

**Total Cities**  
**225**

Municipality Name	Persons Registered
Indukweni	3,875
Thulamela	3,405
Greater Tzaneen	2,800
Mafikeng	2,007
Madibane	1,332
Mogalese	1,294
Greater Letaba	1,271
Maitsothamaga	975
Ba-Mphahlela	968
Greater Gijani	948
Lepelle-Nkomo	940
Bale-Dela	792
Matieland	761

What one CHW can do:

- 9000 CHWs
- 9000 cell phones
- Register one person/ day= 9000 registrations/ day
- 45 000 people per 5 days
- 42 282 increase in 3 days

07 May 2021

Municipality Name	Persons Registered
Mogalese	8845
Greater Tzaneen	5358
East Rand	4972
Greater Tzaneen	4710
Greater Letaba	4623
Polokwane	4173
Thulamela	4105
Matieland	3385
Mogalese	3243
Greater Gijani	2691
Ba-Mphahlela	2150
East Rand	1908

**Total Registered Persons**  
**64,094**

**Total Cities**  
**1,001**

**The heartland of southern Africa - development is about people**

Leaders, influencers





Both ZCC church leaders in one place at same time.... Message: "together we can conquer this Covid"

**The heartland of southern Africa - development is about people**



**CAPRICORN DISTRICT PHASE 2**

**COVID-19 VACCINATION SITES**

Local Municipality	Facility	Start Date
Potgietersburg	Mookeng Hospital	2021/05/18
Potgietersburg	Pietermaritzburg Hospital	2021/05/18
Roosburg	Thabakeng Hospital	2021/05/25
Potgietersburg	Madisaan Prins Hospital	2021/06/02
Potgietersburg	Sieburg Hospital	2021/06/08
Potgietersburg	St. Krystal Hospital	2021/06/08
Makwinda	Botswana Hospital	2021/06/08
Lepelle-Nkumpi	Zabedisa Hospital	2021/06/10

**OPERATING DAYS: MONDAY TO WEDNESDAY**

**OPERATING HOURS: 08:00 TO 16:00 (MONDAY TO WEDNESDAY)**

**APPOINTMENT SLOTS: 08:00 TO 10:00 (MONDAY TO WEDNESDAY)**

**PLEASE BRING YOUR IDENTIFICATION DOCUMENT AND A PHOTO IDENTIFICATION DOCUMENT TO GET A VACCINE WITHOUT AN APPOINTMENT**

**PLEASE BRING YOUR IDENTIFICATION DOCUMENT AND A PHOTO IDENTIFICATION DOCUMENT TO GET A VACCINE WITHOUT AN APPOINTMENT**

**PLEASE BRING YOUR IDENTIFICATION DOCUMENT AND A PHOTO IDENTIFICATION DOCUMENT TO GET A VACCINE WITHOUT AN APPOINTMENT**

Link your queries, email her for vaccination at [info@limpopo.health.gov.za](mailto:info@limpopo.health.gov.za)

**VACCINATION GUIDE**

- VACCINATION WILL START AT 08:00 AM, MON ON THE DATES AND VENUE BELOW
- MONDAY, 26 JULY 2021
  - LEWENTON COMMUNITY HALL
  - HOLAKO COOP FARM (E191614)
  - MORWALALA CLINIC FOR SECOND DOSE PFIZER
- TUESDAY, 27 JULY 2021
  - MAKWE TRIBAL OFFICE
  - MAKWE ATM CHURCH
  - CHALOUCLINIC
- WEDNESDAY, 28 JULY 2021
  - MOSKOWA TRIBAL OFFICE
  - TOURS CLINIC
  - DAN VURUGENZILE
  - RELELA CLINIC (30YRS AND ABOVE)
- THURSDAY, 29 JULY 2021
  - LEPHENGANE (LINDI HALL)
  - ZWAGONGI CLINIC
  - M-A-LABA TRIBAL OFFICE
  - WESTALLA 30YRS AND ABOVE

19 August 2021  
www.limpopo.gov.za

**Starting: 07 August 2021 COVID-19 Vaccination Campaign**

If you are 35 years and above then you may want to visit the facilities for vaccination as per schedule below.

DISTRICT	SUB-DISTRICT	VACCINATION SITES
MOPAN	Manukeng	Sekoto Hospital, Mankeng Mall
	Grain	Netherland Hospital, Mampota Mall
	Greater Kibla	Ngqozana Hospital, Mankeng Mall (Ngqozana Township)
VHEMBE	Thulamela	Tsheni Hospital, Thonoyanbuu CHC
		Tsheni Hospital, Thonoyanbuu
		David Fraser Hospital, Mkhala Community Hall
		Sikoni Hospital, Baka Shopping Complex
Mabhebe	Coline Chobani	Makwinda Hospital, Waveni Community Hall
	Makwinda	Makwinda Hospital, Old Netherland Community Hall
CAPRICORN	Roosburg	Herbert Franz Hospital, Sotham Complex
	Potgietersburg East	Mankeng Hospital, Paled Mall
		Leboengompa Hospital, Leboengompa Civic Centre
	Lepelle-Nkumpi	W.F. Krystal Hospital, Tisane Mall
POTGIETERSBURG	Botswana	Botswana Hospital, Botswana shopping center
	Sieburg	Sieburg Hospital, Sieburg Civic Centre
WATERBERG	Witpoort	Witpoort Hospital, Pheladira Mall
	George Masole	George Masole Hospital, Sullkop Complex
	Thulamela	Thulamela Hospital, Northern Plaza and Senterbuis
	Voorwaal	Voorwaal Hospital, Shoppe Mall Mankeng
SEKHUKHUNE	Elias Afskoots	Miskanyeng Village, SO School Hostel

**STAY SAFE**

Communicating schedules and sites

**southern Africa - development is about people**



**COVID-19 VACCINE ROLLOUT TO FARMS COMMUNITY**

Premier of Limpopo Province  
Mr. Chupu Stanley Mathabatha  
accompanied by Health MEC  
Dr. Phophi Ramathuba to  
Monitor COVID-19 Vaccines  
Rollout to Farms Community

**Details are as follows:**

**Date: Friday, 06 August 2021**

**Time: Venue**

11h30 Schoonbee Landgoed  
12h30 Goedhoop Copperpoort  
Ephraim Mogale Municipality  
SEKHUKHUNE DISTRICT

**ENQUIRIES:** by Mr. M. M. M. M.  
Telephone: 092 102 1021  
@ 092 102 1021

**DEPARTMENT OF HEALTH MOPANI DISTRICT**



Occupation based



LIMPOPO DEPARTMENT OF HEALTH (ROPHELONG)



people

**southern Africa - development is about people**

**LIMPOPO MOTORCYCLE BIKERS TO RECEIVE THEIR COVID-19 VACCINE**

Limpopo Health MEC Dr. Phopho Ramathuba in partnership with SAPAYOPA will lead a team of vaccinators to vaccinate all bikers from different clubs in our Province

**Details are as follows:**  
**Date:** Wednesday, 28 July 2021  
**Venue:** Mall of the North Polokwane Municipality CAPRICORN DISTRICT  
 If you are 35 years old and above residing around the area, you are welcomed to vaccinate.

ENQUIRIES: MEC Spokesperson: M Thabathi Mkhosini 0660 117034  
 MEDIA INVITED

**STAY SAFE**  
 VACCINATE TO SAVE CHILDREN'S LIVES

Sports & Recreation groups

**The heartland of southern Africa - development is about people**

## Community outreach: home visits

**The heartland of southern Africa - development is about people**

e.g. tribal office, drive throughs, community halls, stadium etc



The heartland of southern Africa - development is about people

e.g. malls, taxi ranks, sassa paypoints



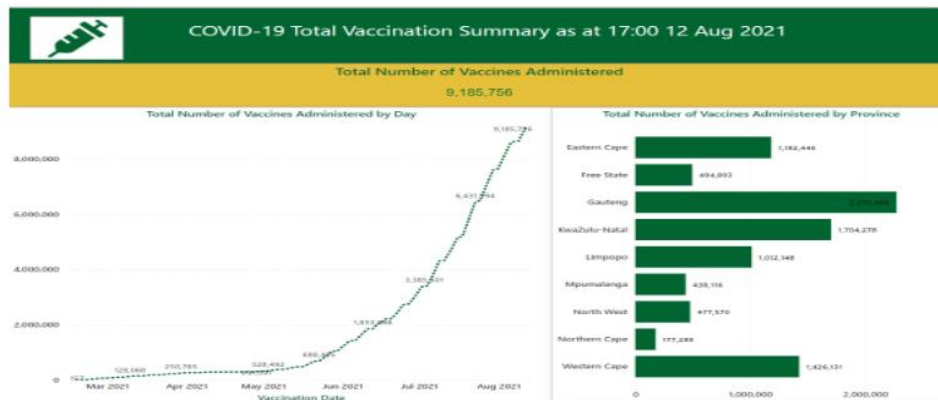
The heartland of southern Africa - development is about people

## Registration coverage as at 10 August 2021

District	60+ years			50-59 years			35-49 years		
	Population	Registered	%	Population	Registered	%	Population	Registered	%
Capricorn	141 191	113 555	80%	10 0376	48 724	49%	228 213	59 997	26%
Mopani	106 890	90 625	85%	91 809	47 250	51%	216 770	57 554	27%
Sekhukhune	90 864	94 241	104%	66 660	35 648	53%	200 615	38 468	19%
Vhembe	128 459	106 005	83%	107 322	44 419	41%	264 962	51 722	20%
Waterberg	78 472	59 570	76%	65 165	25 886	40%	156 119	33 076	21%
<b>Limpopo</b>	<b>545 876</b>	<b>463 995</b>	<b>85%</b>	<b>431 332</b>	<b>201 927</b>	<b>47%</b>	<b>1 066 679</b>	<b>240 817</b>	<b>23%</b>

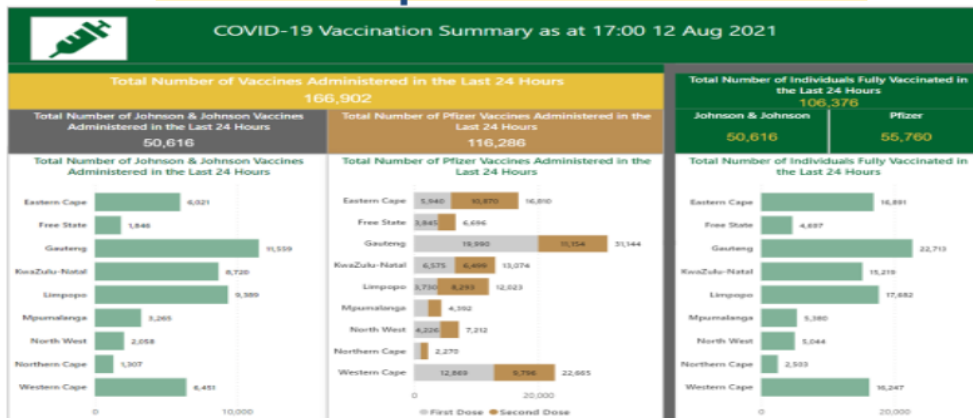
*The heartland of southern Africa - development is about people*

## Overall Vaccines administered: country & province



*The heartland of southern Africa - development is about people*

## Vaccines administered last 24 hrs : country & province



*The heartland of southern Africa - development is about people*

## Vaccine coverage against Registered population as at 10 August 2021

District	60+ years			50-59 years			35-49 years		
	Registered	Vaccinated	%	Registered	Vaccinated	%	Registered	Vaccinated	%
Capricorn	113 555	93907	83%	48 724	30576	63%	59 997	16613	28%
Mopani	90 625	74722	82%	47 250	30085	64%	57 554	17980	31%
Sekhukhune	94 241	63573	67%	35 648	14504	41%	38 468	6101	16%
Vhembe	106 005	83034	78%	44 419	28743	65%	51 722	16762	32%
Waterberg	59 570	39297	66%	25 886	25986	100%	33 076	8878	27%
Limpopo	463 995	354533	76%	201 927	129894	64%	240 817	66334	28%

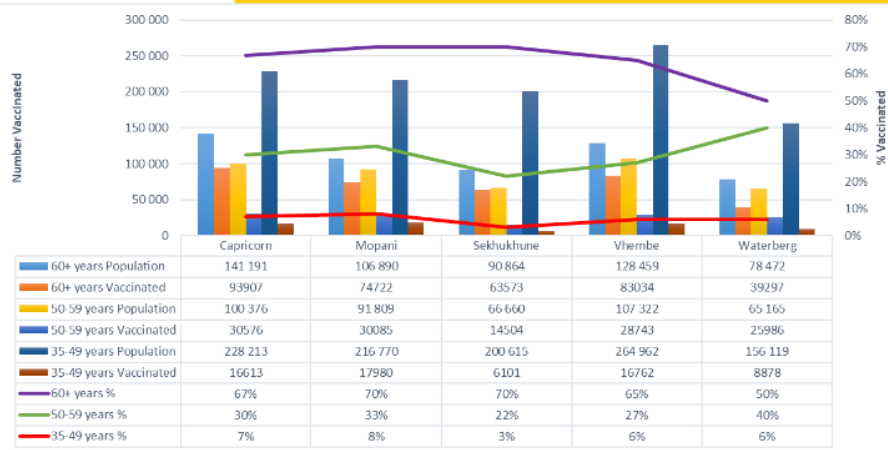
*The heartland of southern Africa - development is about people*

## Vaccine coverage against estimated population as at 10 August 2021

District	60+ years			50-59 years			35-49 years		
	Population	Vaccinated	%	Population	Vaccinated	%	Population	Vaccinated	%
Capricorn	141 191	93907	67%	100 376	30576	30%	228 213	16613	7%
Mopani	106 890	74722	70%	91 809	30085	33%	216 770	17980	8%
Sekhukhune	90 864	63573	70%	66 660	14504	22%	200 615	6101	3%
Vhembe	128 459	83034	65%	107 322	28743	27%	264 962	16762	6%
Waterberg	78 472	39297	50%	65 165	25986	40%	156 119	8878	6%
<b>Limpopo</b>	<b>545 876</b>	<b>354533</b>	<b>65%</b>	<b>431 332</b>	<b>129894</b>	<b>30%</b>	<b>1 066 679</b>	<b>66334</b>	<b>6%</b>

*The heartland of southern Africa - development is about people*

## Vaccine coverage as at 10 August 2021



*The heartland of southern Africa - development is about people*

- Fixed outreach: Universities, TVETs,
- All 481 PHC facilities as primary sites (388/481 licenses received)
- All mobile clinics as fixed outreach sites
- Find the missing



*The heartland of southern Africa - development is about people*

- Vaccine supply vs demand vs capacity
- Internet connectivity
- Availability of tools e.g. laptops, cell phones, tablets , WHO approved cooler boxes , vaccine fridges
- EVDS vaccination capturing portal not available on cell phone platform
- HR recruitment vs contract periods
- Vaccine hesitancy
- Appointment vs walk-in service

*The heartland of southern Africa - development is about people*

- Team work and dedication ( working from the heart)
- Clear communication strategy and social mobilisation approach
- Effective communication to stakeholders including beneficiaries ( sites opened and procedure to access vaccines)
- Strategic enrolment and recruitment
- Coordinated and efficient hands-on management & site management
- Management of Cold chain and vaccine stock by in-house Pharmacists
- Good coordination between PHC ,Hospital and districts teams
- Ability to respond quickly on the ground/ remaining flexible
- Supportive Strategic leadership at provincial and district level
- Donations from various stakeholders
- Adapt innovate

*The heartland of southern Africa - development is about people*

**Dr Muthei Dombo**  
DDG: Health Care Services  
[Muthei.dombo@dhsd.limpopo.gov.za](mailto:Muthei.dombo@dhsd.limpopo.gov.za)

[www.doh.limpopo.gov.za](http://www.doh.limpopo.gov.za)



*The heartland of southern Africa - development is about people*