

THE ROLE OF PHARMACISTS IN INCREASING VACCINATION UPTAKE IN COMMUNITIES



SEFAKO MAKGATHO
HEALTH SCIENCES UNIVERSITY

Hannelie Meyer

South African Vaccination and
Immunisation Centre

School of Pharmacy, Sefako Makgatho
Health Sciences University

Email: hannelie.meyer@smu.ac.za



5 September 2023

Pharmacy Month 2023

Pharmacy United in Promoting
Healthcare for Patients



Quality Healthcare for All
Ask your pharmacist for further information or scan



Presentation overview

PROMOTE

PROVIDE

EMPOWER

**PHARMACY
UNITED**

PROMOTE

PROVIDE

EMPOWER



PROVIDE

Vaccines



Vaccines are safe and effective in preventing many diseases. Speak to your pharmacist about what vaccines you and your family should receive to keep you healthy.

PROMOTE

PROVIDE

EMPOWER

PHARMACY UNITED

PROMOTE

PROVIDE

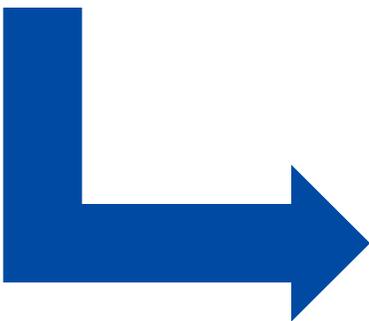
EMPOWER

PROVIDE

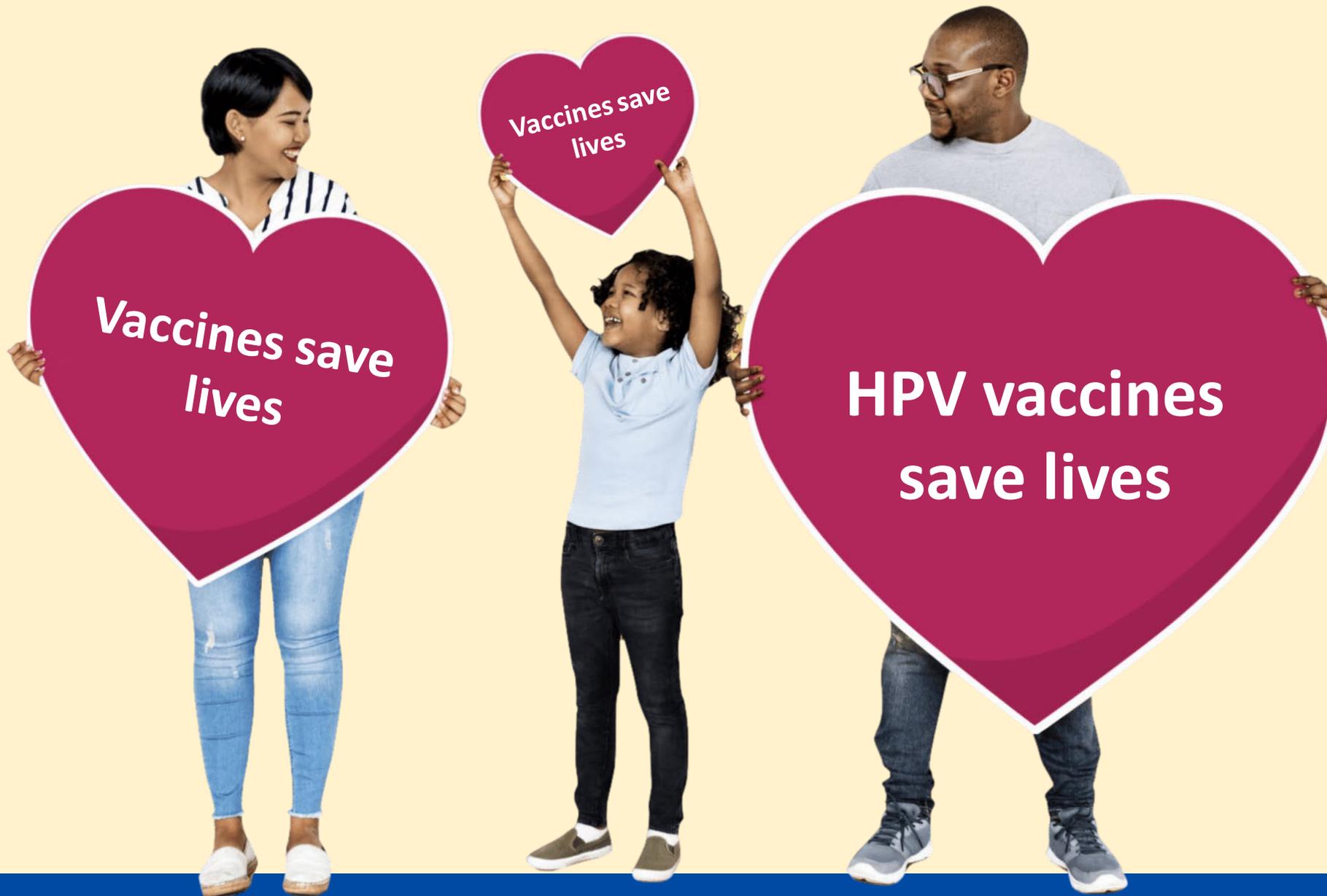
Vaccines



Vaccines are safe and effective in preventing many diseases. Speak to your pharmacist about what vaccines you and your family should receive to keep you healthy.



Where are we now with uptake?



Vaccines save

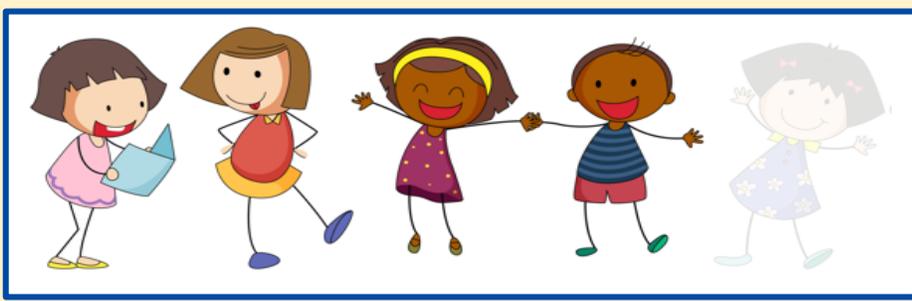
**4.4
million
lives**

every year, a figure
that could rise to

**5.8
million**

by 2030 if the
goals of the
Immunization
Agenda 2030
(IA2030) are met.

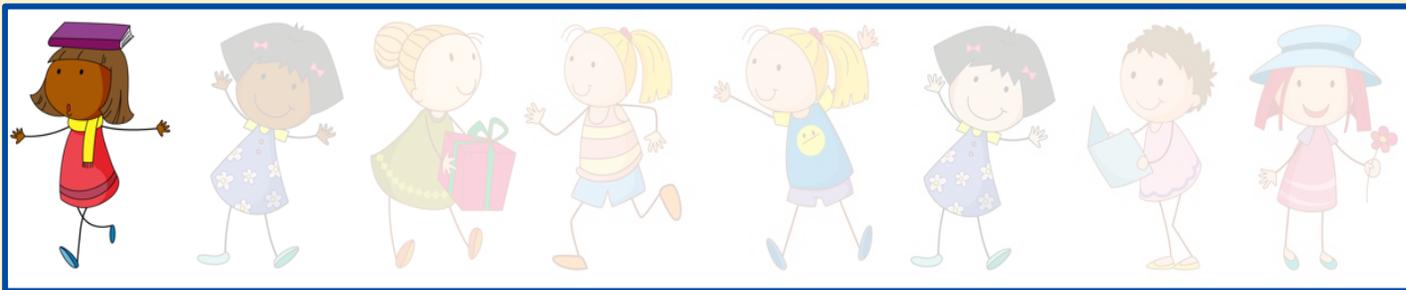
BUT ...



1 in 5 children are zero-dose →
vulnerable to vaccine-preventable diseases



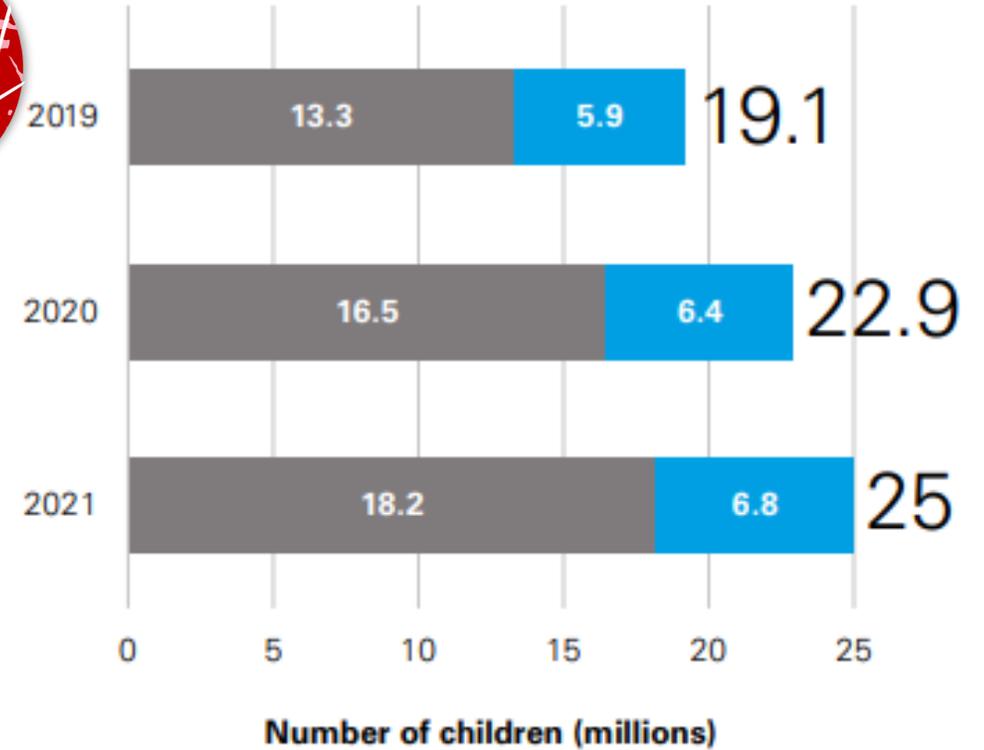
1 in 5 children have no protection against measles



7 in 8 eligible girls are not vaccinated against HPV →
cervical cancer

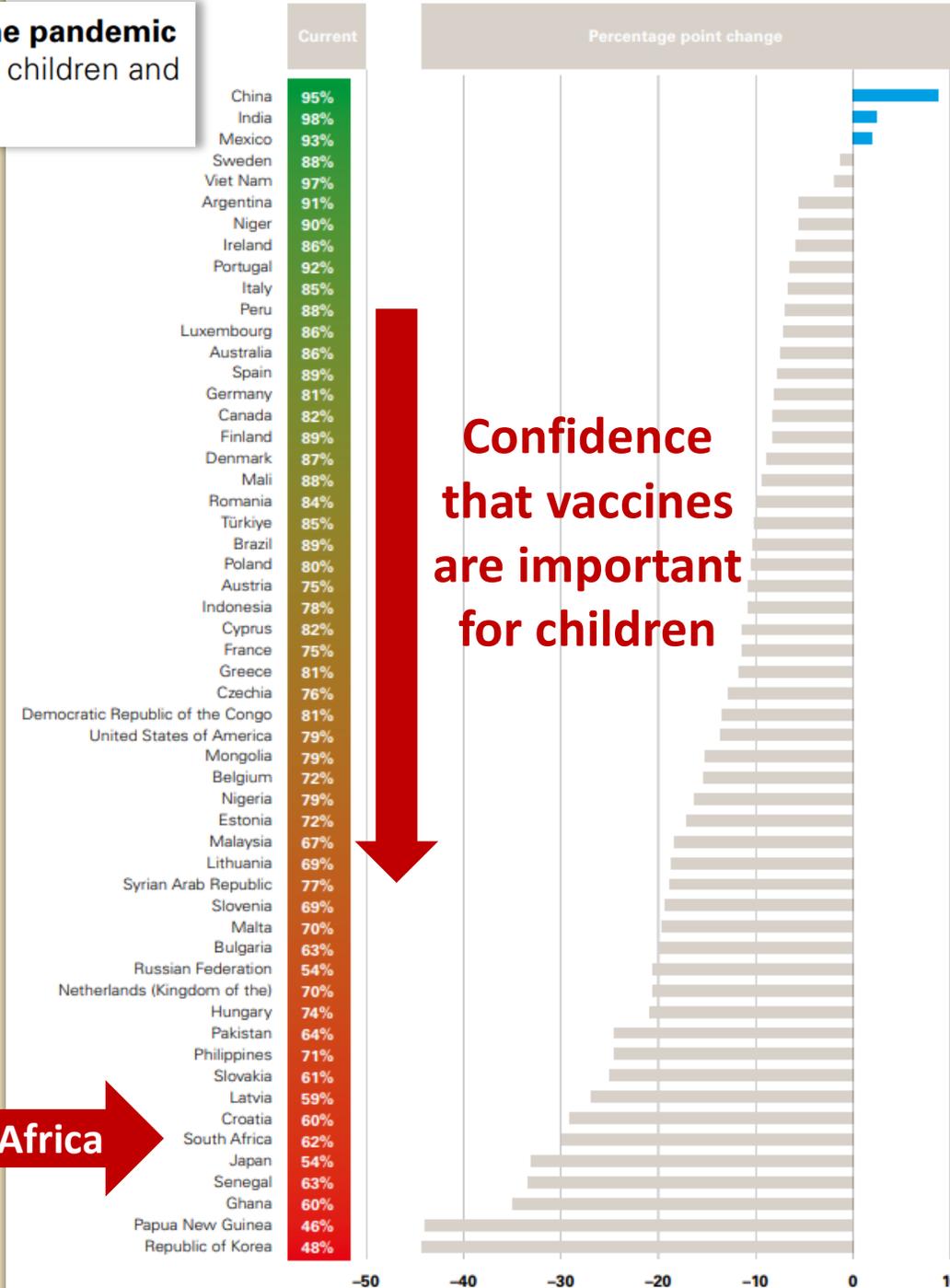


Figure 2. The number* of children who missed vaccination rose during the COVID-19 pandemic



Source: World Health Organization and United Nations Children's Fund, 'Estimates of National Immunization Coverage (WUENIC), 2021 revision', July 2022. *Numbers are rounded.

Figure 3. Confidence that vaccines are important for children dropped after the start of the pandemic
 Percentage of population that currently (most recent year) perceive vaccines as important for children and percentage-point change before and after the start of the pandemic



Confidence that vaccines are important for children

South Africa

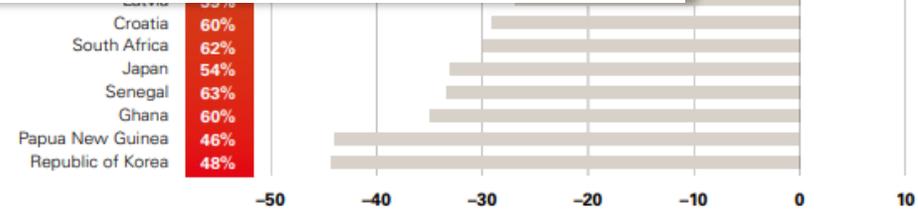
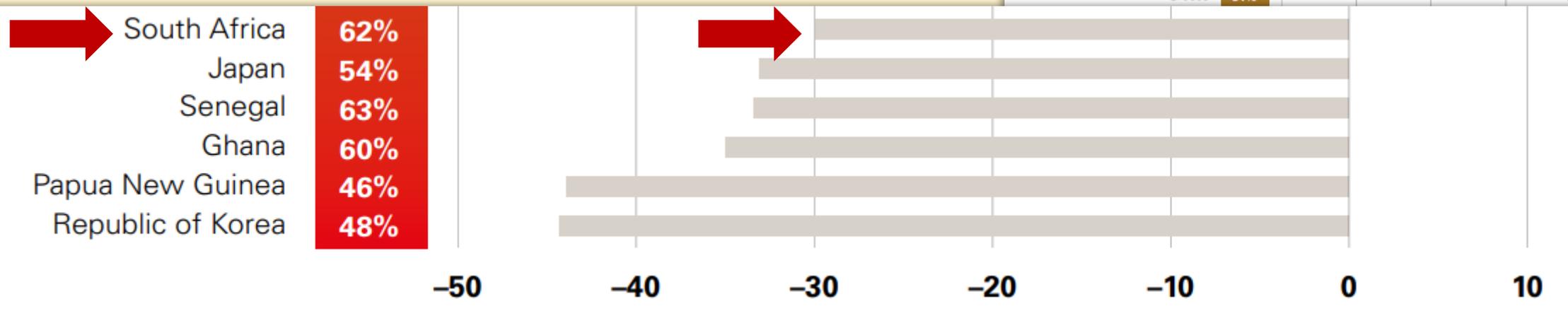
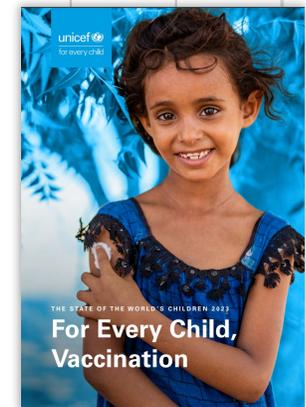
<https://www.unicef.org/reports/state-worlds-children-2023#SOWC>
<https://www.unicef.org/southafrica/press-releases/new-data-indicates-30-decline-confidence-childhood-vaccines-south-africa>

Figure 3. Confidence that vaccines are important for children dropped after the start of the pandemic

Percentage of population that currently (most recent year) perceive vaccines as important for children and percentage-point change before and after the start of the pandemic

New data indicates 30% decline in confidence in childhood vaccines in South Africa

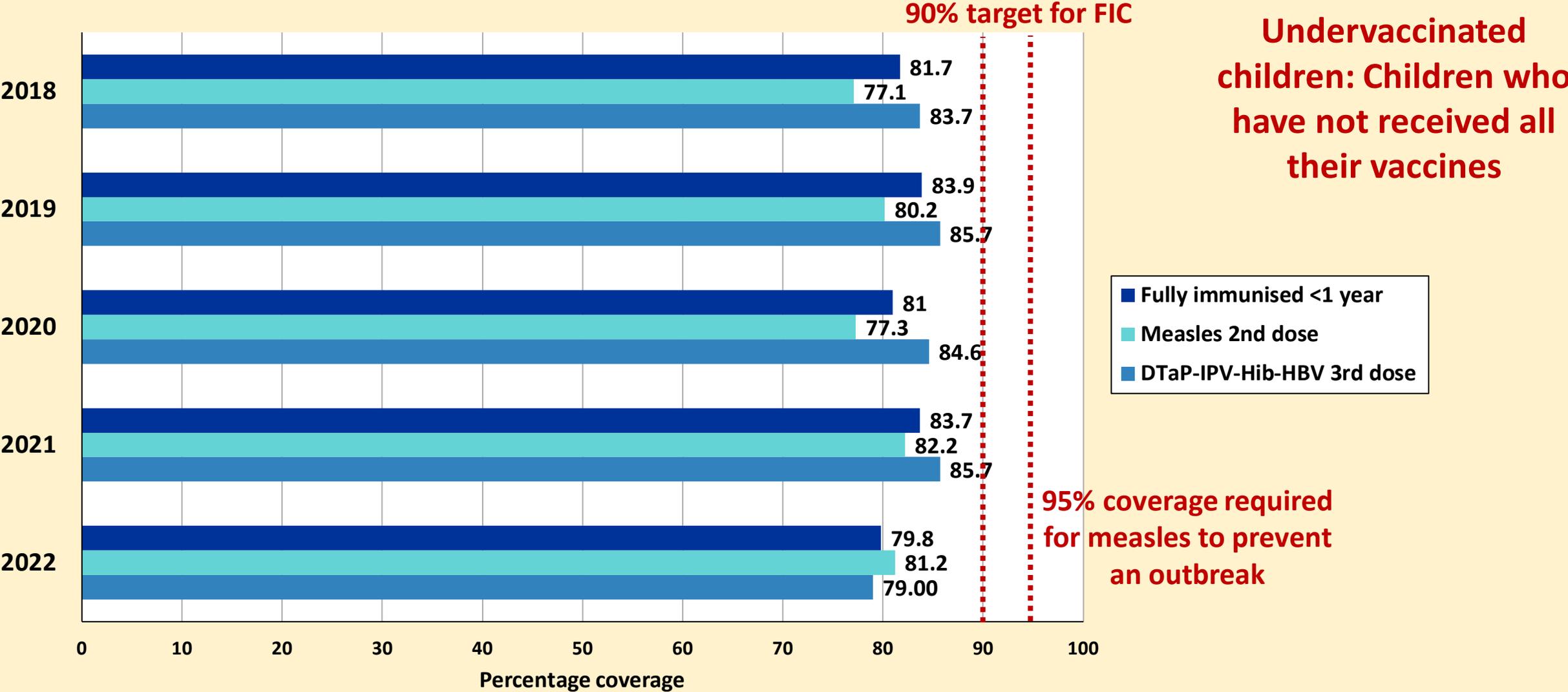
UNICEF's flagship report highlights 1 in 5 children in South Africa are under-immunised amid heightened vaccine scepticism during COVID-19, while 67 million children globally missed out on one or more vaccinations over the past 3 years.



<https://www.unicef.org/reports/state-worlds-children-2023#SOWC>

<https://www.unicef.org/southafrica/press-releases/new-data-indicates-30-decline-confidence-childhood-vaccines-south-africa>

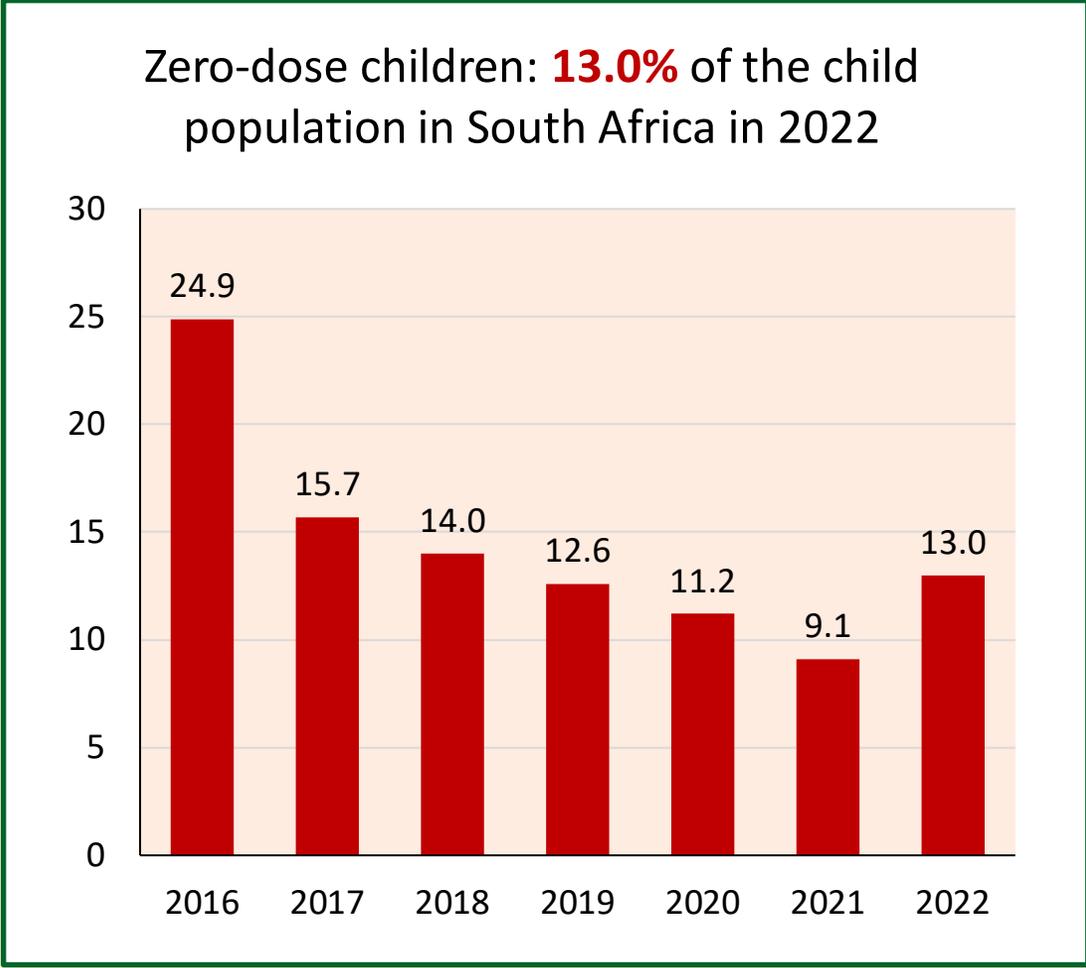
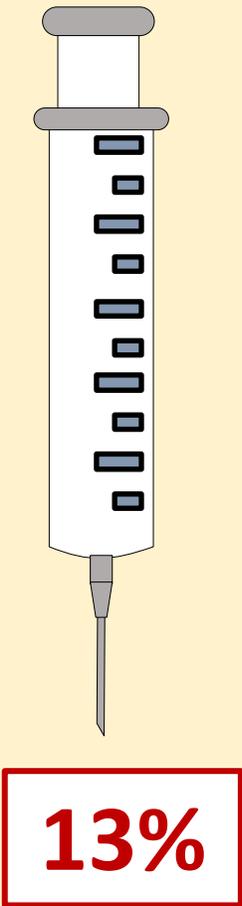
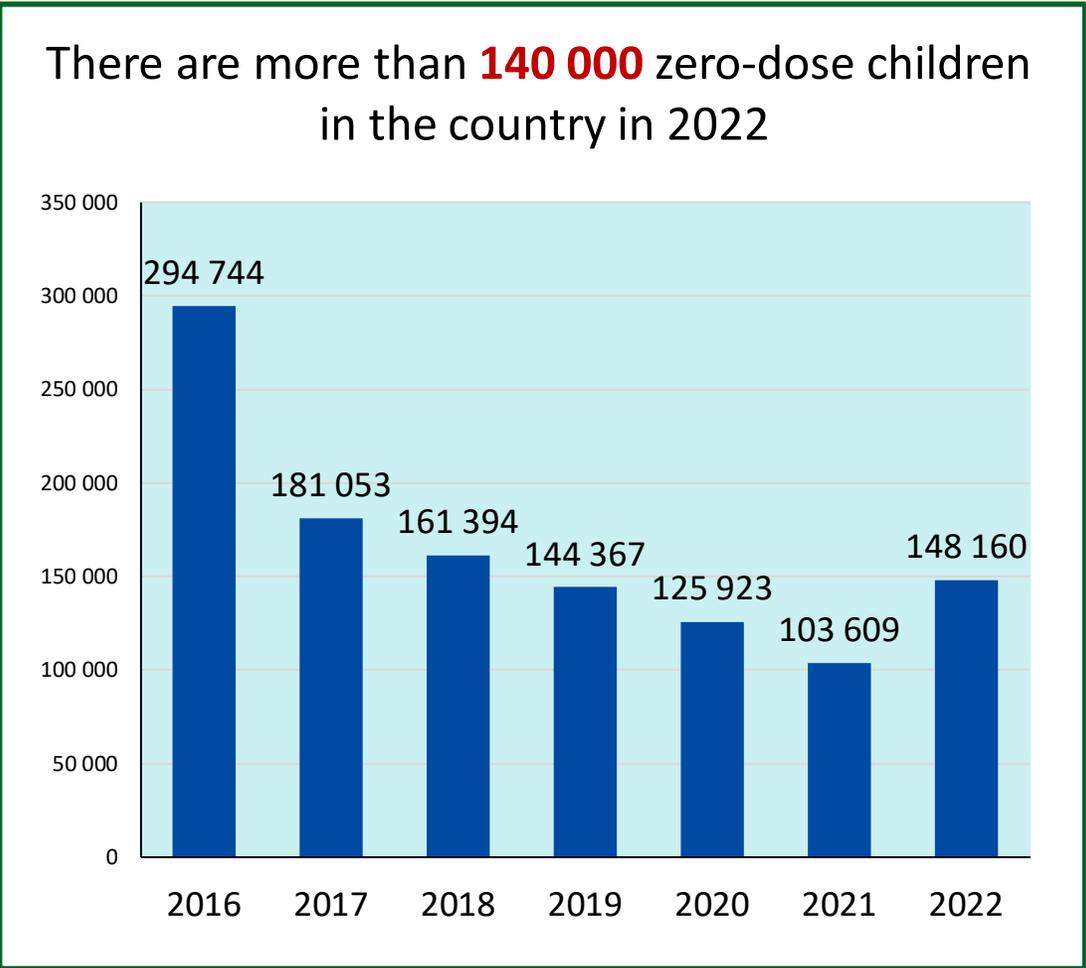
Routine immunisation coverage in South Africa (2018 – 2022)



Source: Provisional, unpublished data from the DHIS, November 2022 [NOT FOR REFERENCE]

Total (n) and proportion (%) of zero-dose children in South Africa (2016-2022)

Zero-dose: Children who have not received any vaccinations (hexavalent first dose)



Source: Department of Health Routine Administrative Data (DHIS 2 data)

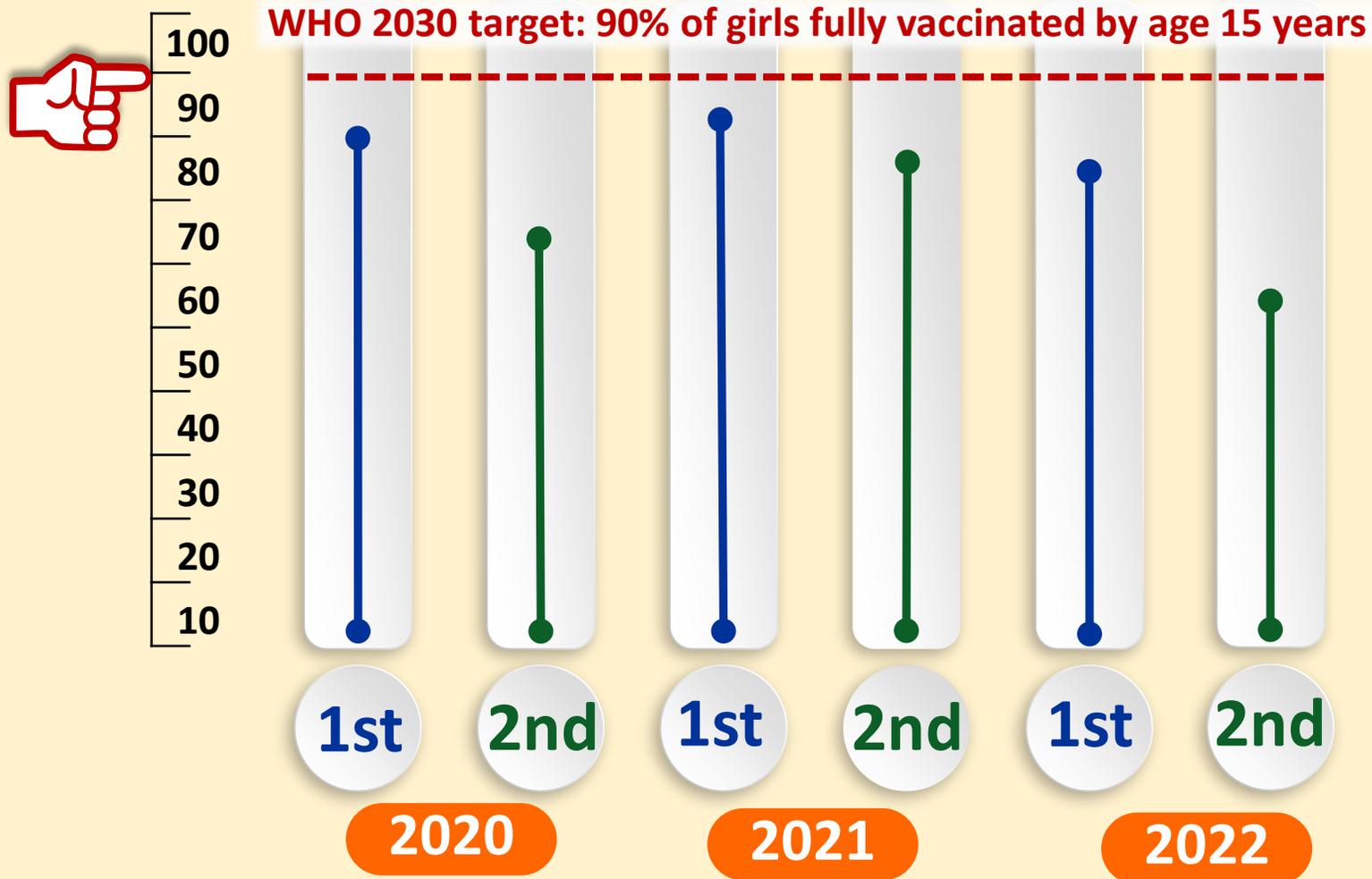
HPV vaccination coverage in South Africa

Public sector School Health Programme: Females by age 15 years

Global strategy to accelerate the elimination of cervical cancer as a public health problem



World Health Organization



79% First dose

2020

64% Second dose

82% First dose

2021

74% Second dose

72% First dose

2022

56% Second dose

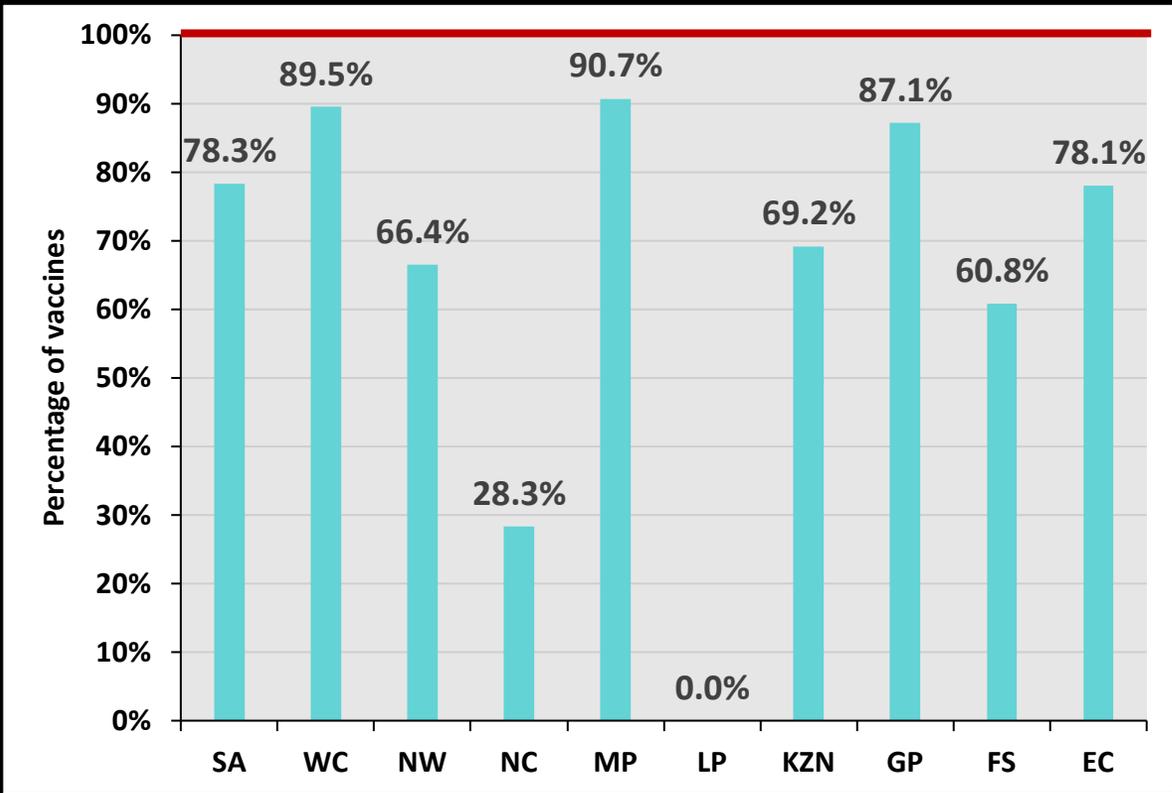
Cervical cancer: Leading cause of female cancer deaths in South Africa

Public sector influenza vaccine utilisation

As of 31 December 2022

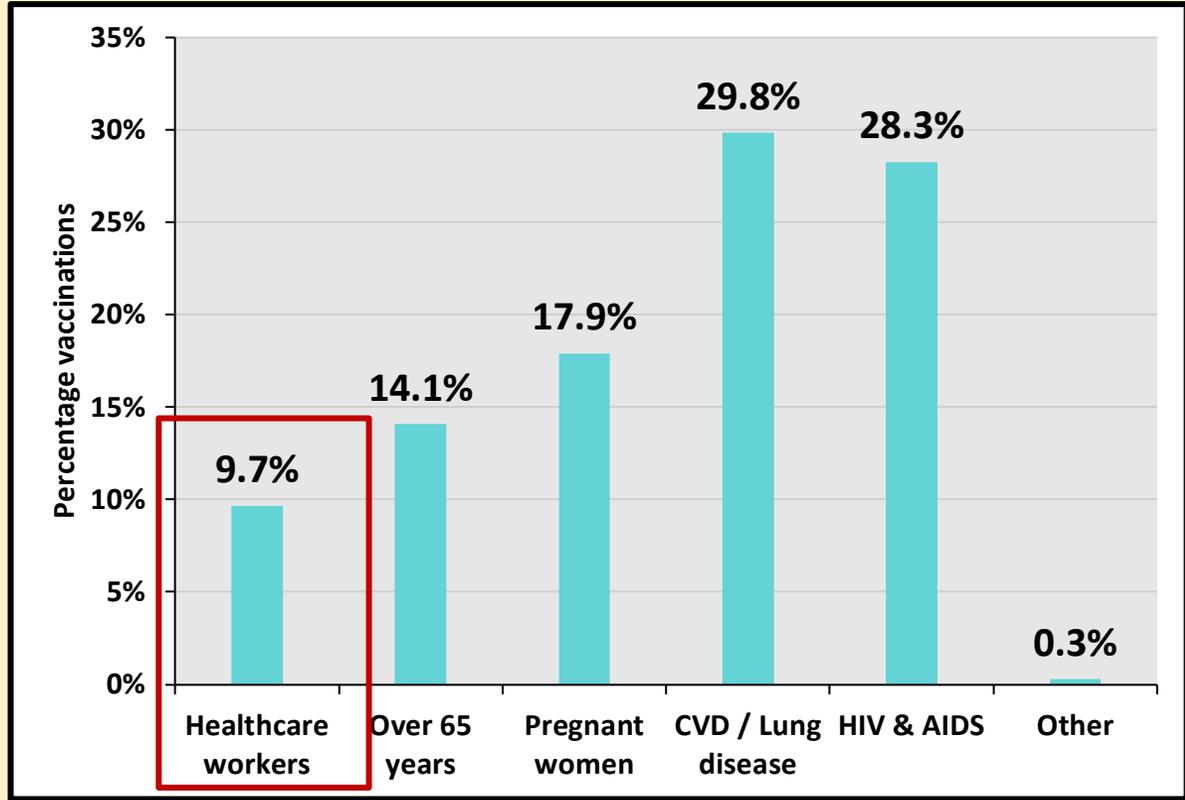
- 690 938 doses distributed to provinces
- Estimated utilisation: **75.0%**

Target: 100%



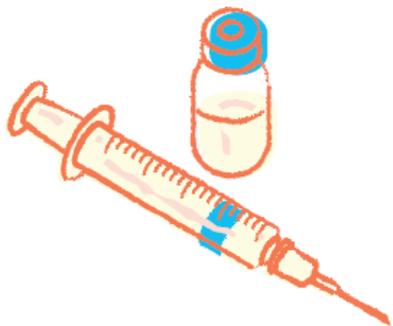
As of 23 August 2023

- 787 300 doses distributed to provinces
- Estimated utilisation: **81.5%**

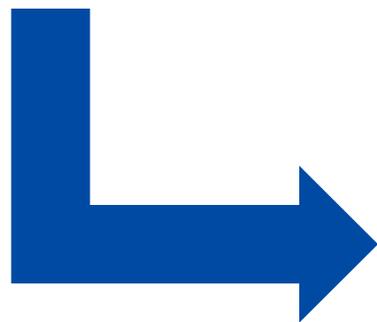


PROVIDE

Vaccines



Vaccines are safe and effective in preventing many diseases. Speak to your pharmacist about what vaccines you and your family should receive to keep you healthy.



What are the challenges?



PROMOTE

PROVIDE

EMPOWER

PHARMACY
UNITED

PROMOTE

PROVIDE

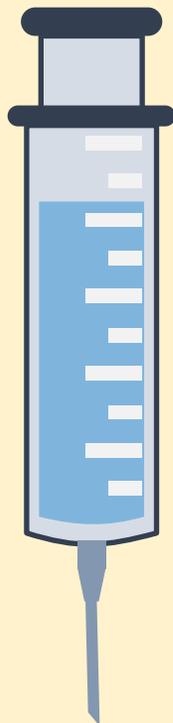
EMPOWER

REPUBLIC OF SOUTH AFRICA
EXPANDED PROGRAMME ON IMMUNISATION (EPI) NATIONAL COVERAGE
SURVEY REPORT
2020

Department of Health
National Expanded Program on Immunization
Pretoria
South Africa

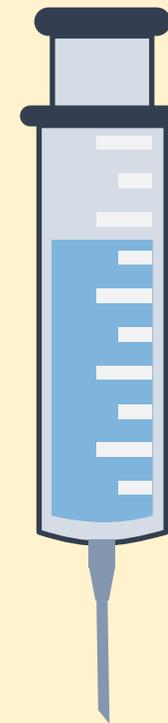
Survey investigators
Dr Portia C Makamba-Mutevedzi
Prof Shabir Madhi
Prof Rose Burnett

National household coverage survey 2019



83.9%

Received all basic
vaccines up to
Measles 1



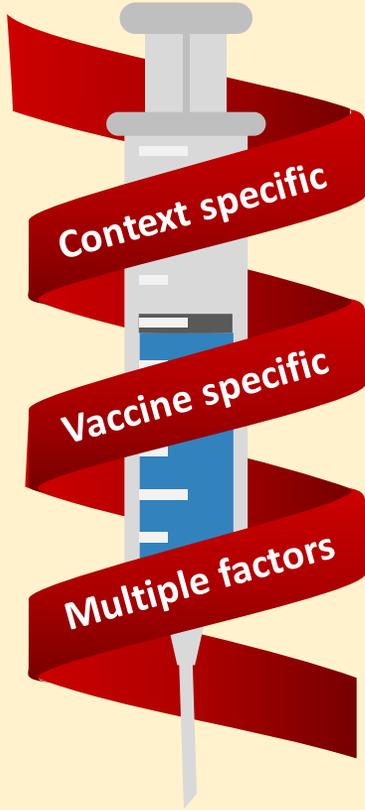
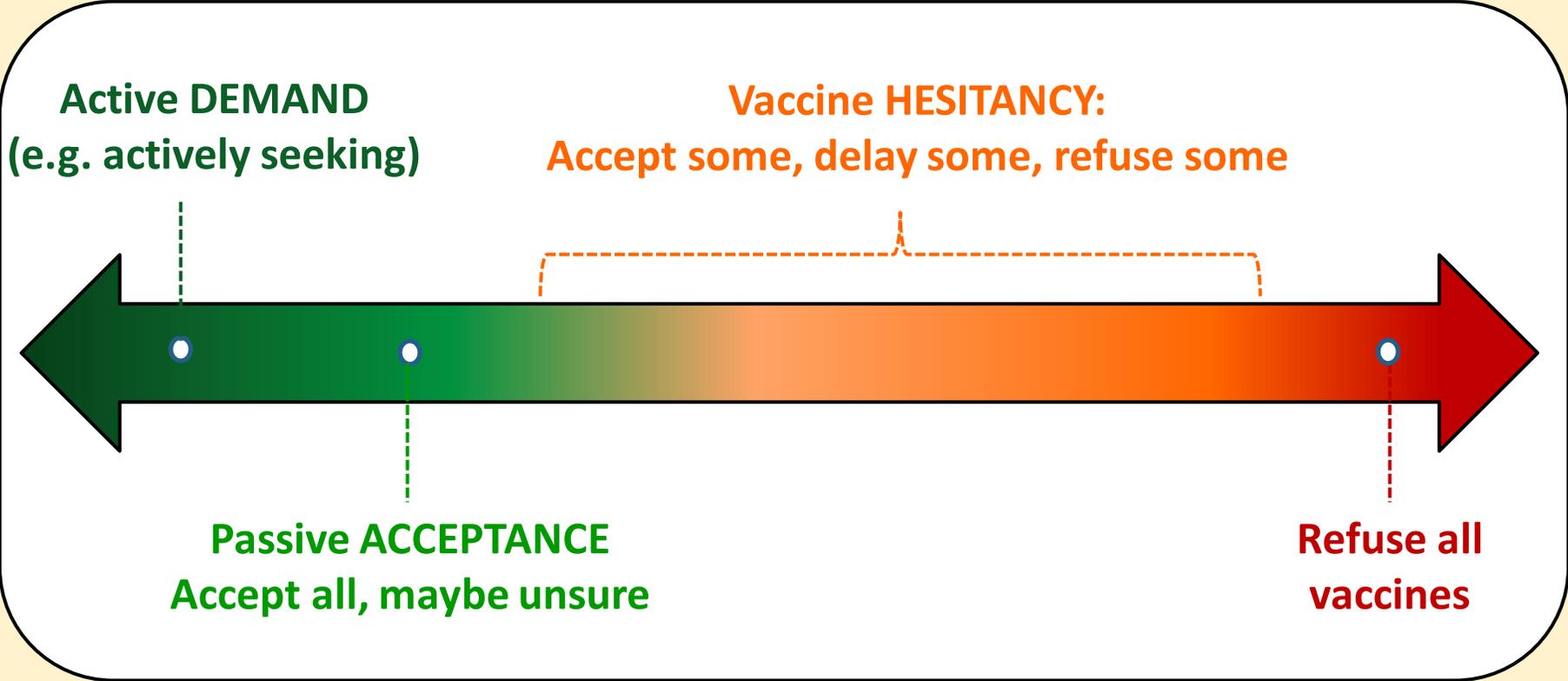
76.8%

Received all
age-appropriate
vaccines from birth
to 18 months

Some reasons for missed doses

- Vaccines being out of stock = **most common**
- Primary caregiver didn't know vaccination was due
- Child was ill and taken to health facility, but not given vaccine
- No-one to take the child
- Health facility too far
- Primary caregiver forgot

Continuum of vaccine hesitancy and demand



Drivers of vaccine hesitancy

Target interventions

Convenience (Constraints)

Can I afford paying for transport to the clinic/
paying for the vaccine/taking time
off work to go to the clinic?

Collective responsibility

Am I responsible for
protecting the herd?
If everyone else is vaccinated, do I
really need to be vaccinated too?

Complacency

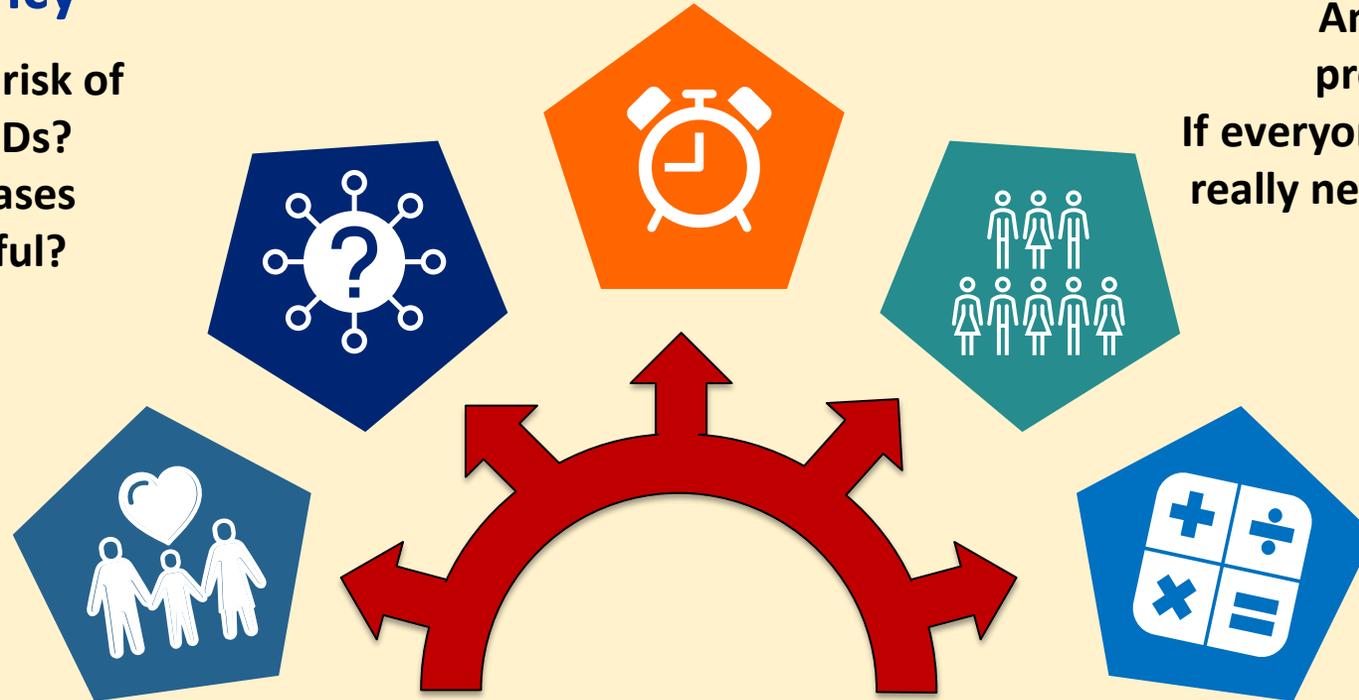
Am I/my child at risk of
contracting VPDs?
Are these diseases
actually harmful?

Confidence

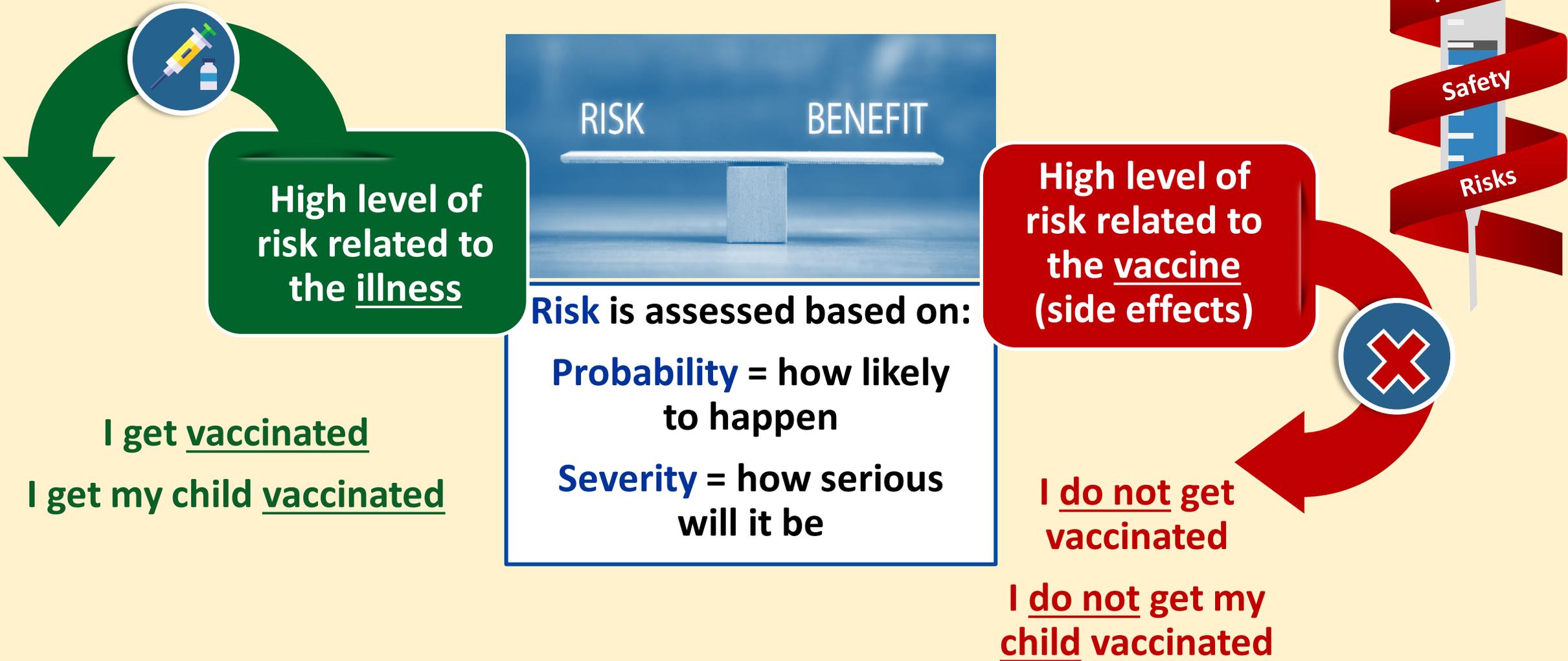
Do I trust the healthcare
system or vaccines or
vaccination?

Calculation

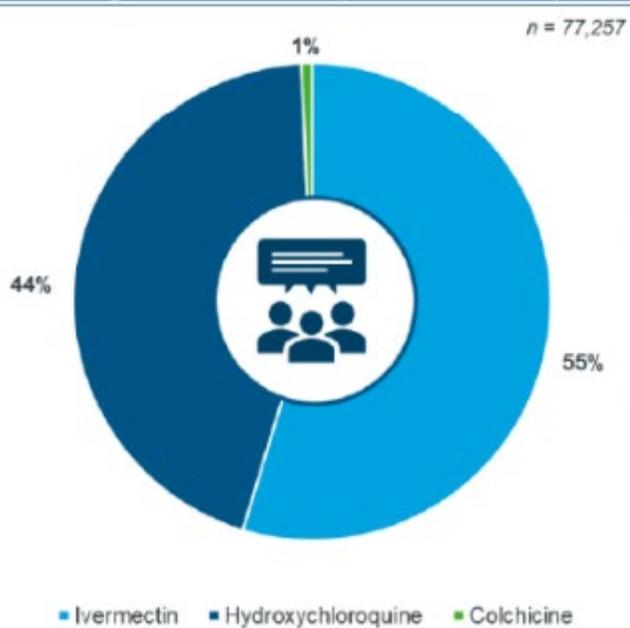
Are the risks of
vaccination worth the
benefits?



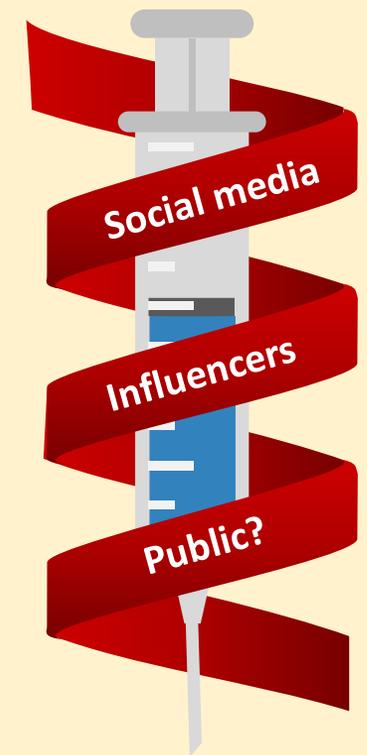
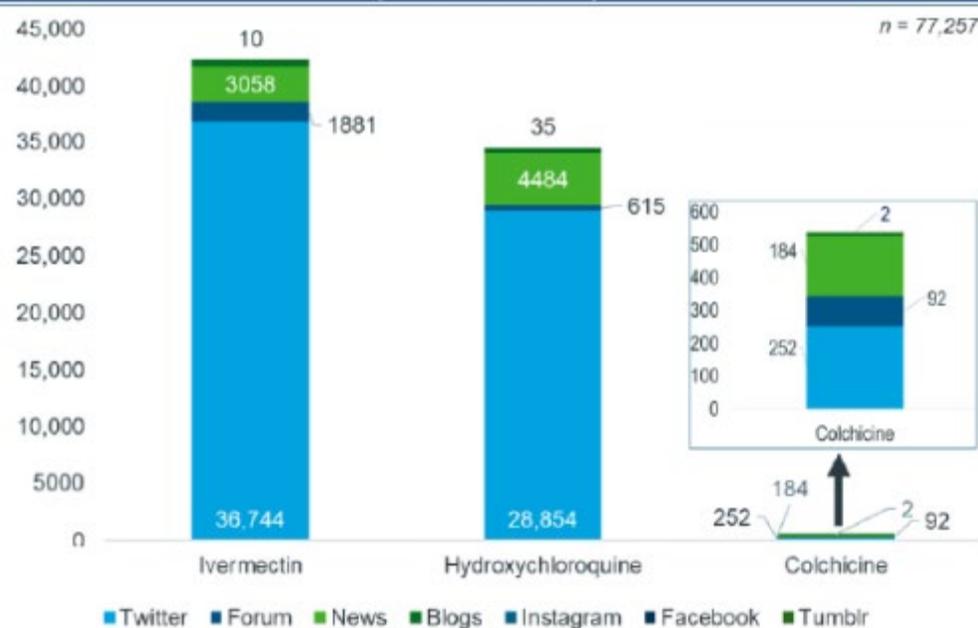
Decision to vaccinate: Perception of risk



Social mentions related to COVID-19 repurposed drugs in South Africa (Jan '20 – Jun '21)



Platform split of COVID-19 repurposed drugs in South Africa (Jan '20 – Jun '21)

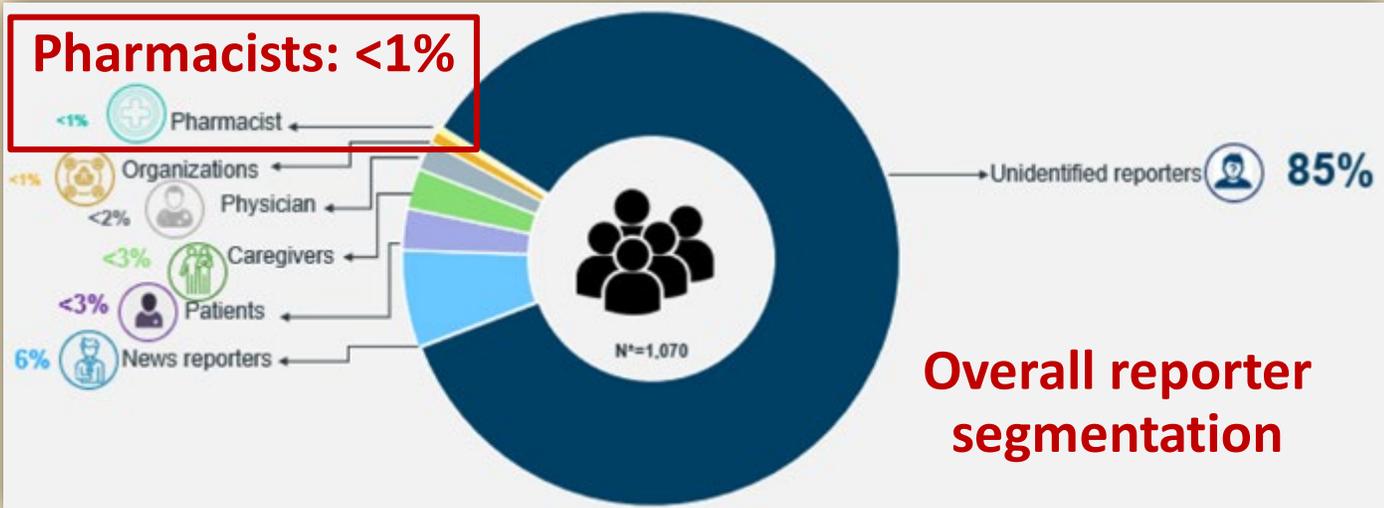


Open Access Article

Social Media and COVID-19— Perceptions and Public Deceptions of Ivermectin, Colchicine and Hydroxychloroquine: Lessons for Future Pandemics

by Natalie Schellack ^{1,*} Morné Strydom ¹ Michael S. Pepper ² Candice L. Herd ² Candice Laverne Hendricks ² Elmien Bronkhorst ³ Johanna C. Meyer ³ Neelaveni Padayachee ⁴ Varsha Bangalee ⁵ Ilse Truter ⁶ Andrea Antonio Ellero ^{1,7} Thulisa Myaka ¹ Elysha Naidoo ¹ and Brian Godman ^{3,8,9,*}

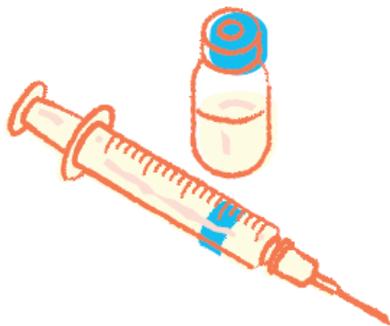
Social mentions of repurposed medicines



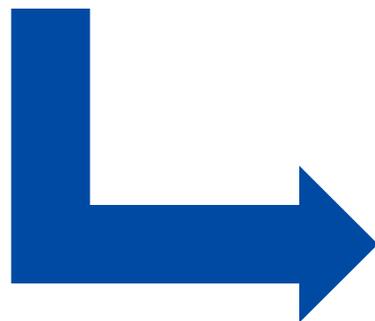
Overall reporter segmentation

PROVIDE

Vaccines



Vaccines are safe and effective in preventing many diseases. Speak to your pharmacist about what vaccines you and your family should receive to keep you healthy.



What are we aiming for?



PROMOTE

PROVIDE

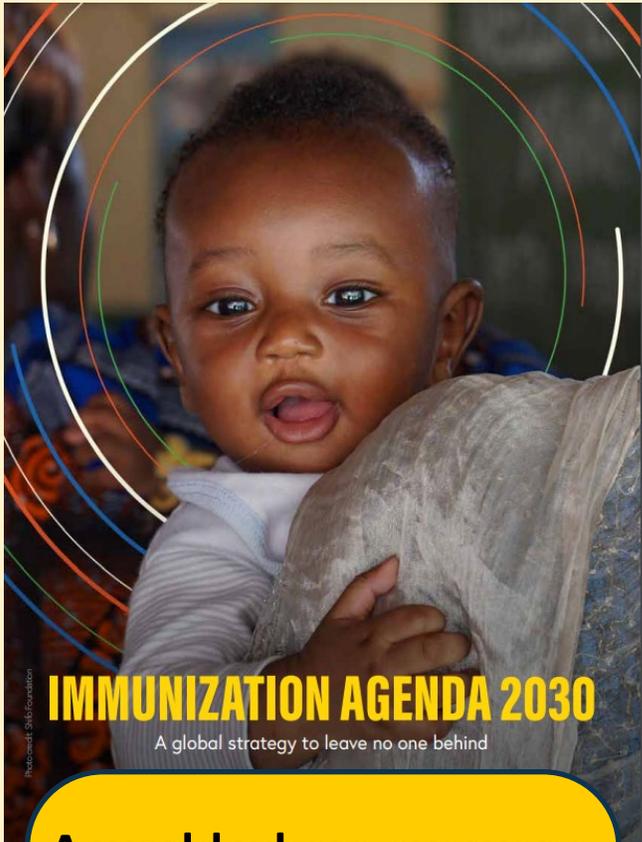
EMPOWER

PHARMACY
UNITED

PROMOTE

PROVIDE

EMPOWER



**A world where everyone,
everywhere, at every age
... fully benefits from
vaccines
... for good health and
well-being**



**Reduce mortality
and morbidity
from vaccine-
preventable
diseases for
everyone
throughout the
life course**

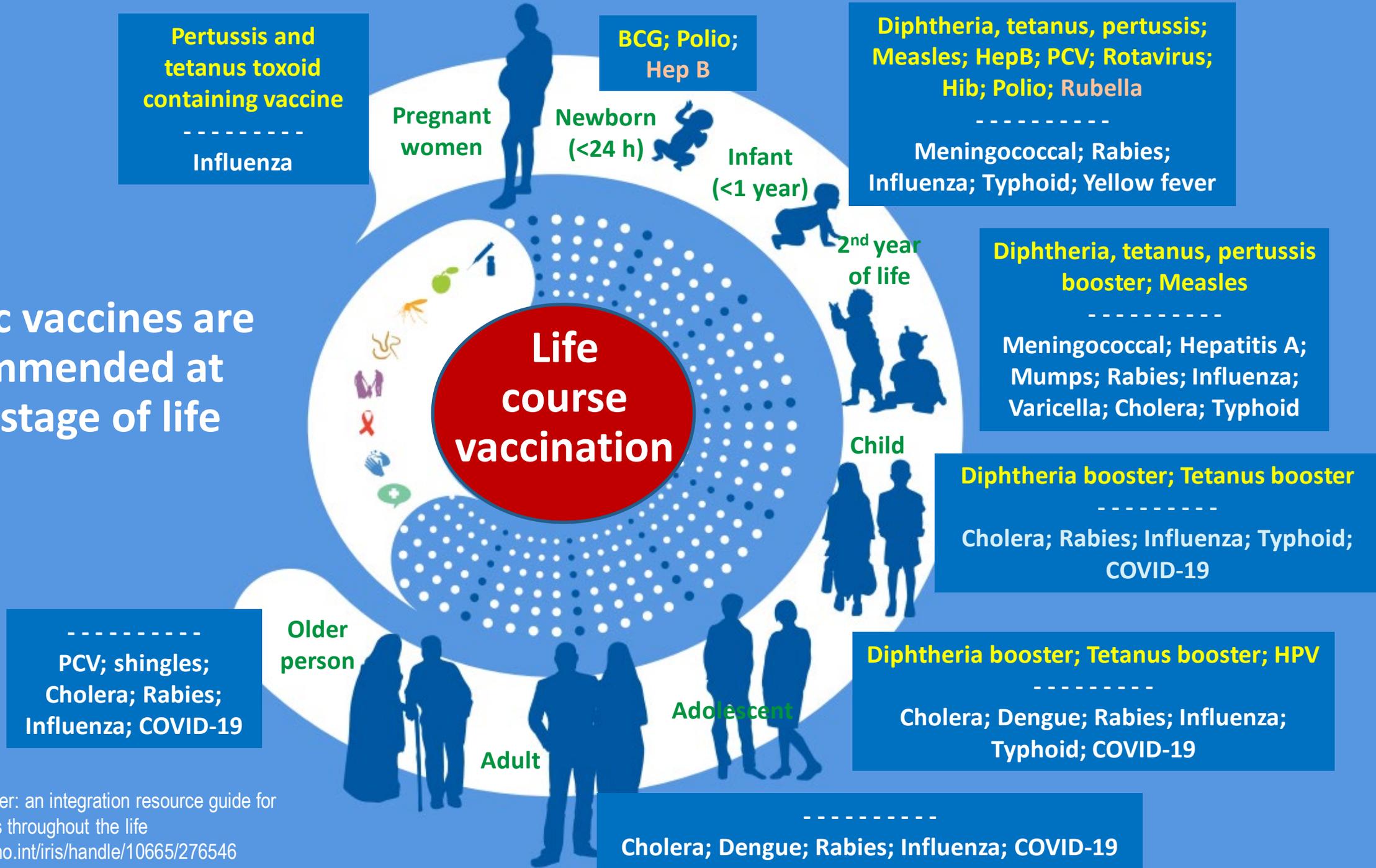


**Leave no-one
behind,
by increasing
equitable access
and use of new and
existing vaccines**



**Ensure good health
and well-being for
everyone by
strengthening
immunisation
within PHC and
contributing to UHC
and sustainable
development**

Specific vaccines are recommended at each stage of life



WHO. Working together: an integration resource guide for immunization services throughout the life course. <https://apps.who.int/iris/handle/10665/276546>

Targets and strategies for immunisation recovery

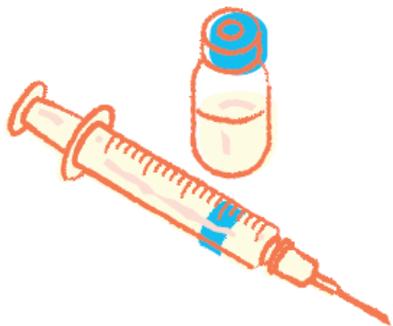
- Reduce the number of **zero-dose children** by 70%
- Reach **90% fully immunised** coverage in all 52 districts
- Reach **≥95% Measles 1st** and **≥90% 2nd dose** coverage in all 52 districts
- Reduce **missed opportunities** to vaccinate
- Integrated child health **catch-up schedule**
- Strategies for **life-course vaccination**
- Enhance **outreach** and **mobile sessions**
- **Defaulter tracking**
- **Advocacy** and **social mobilisation**
- **Effective vaccine management**
- **Private-Public partnership**



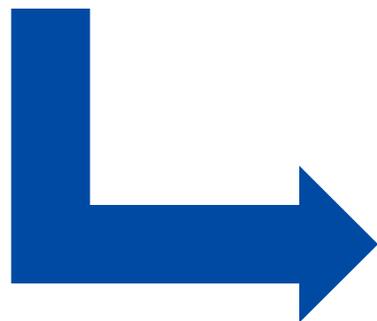
Source: SAVIC Library

PROVIDE

Vaccines



Vaccines are safe and effective in preventing many diseases. Speak to your pharmacist about what vaccines you and your family should receive to keep you healthy.



PROMOTE

PROVIDE

EMPOWER

PHARMACY
UNITED

PROMOTE

PROVIDE

EMPOWER

Trust in People With Our Health Country Findings



Percent trust to tell the truth about health issues and about how to best protect the health of the public

**South Africa and UK:
Pharmacists 2nd most trusted
with health issues**



GLOBAL 9

■ Distrust (1-49)
 ■ Neutral (50-59)
 ■ Trust (60-100)

● ○ +

 Significant change

+/- Mar 2022 to Mar 2023

	Global 9		Brazil		Canada		China		France		Germany		India		Japan		Mexico		*Nigeria		S. Africa		S. Korea		UK		U.S.	
	%	+/-	%	+/-	%	+/-	%	+/-	%	+/-	%	+/-	%	+/-	%	+/-	%	+/-	%	+/-	%	+/-	%	+/-	%	+/-	%	+/-
My doctor	80	3	82	-	84	2	88	6	85	7	83	4	91	-	69	0	82	1	84	-	80	-	73	4	79	2	78	-1
Nurses	79	4	81	-	84	3	88	7	84	9	77	10	88	-	69	2	80	2	79	-	70	-	67	0	82	3	80	2
Pharmacists	76	6	72	-	80	5	88	8	81	10	77	7	86	-	67	5	69	4	79	-	74	-	67	4	80	6	73	4
My friends and family	76	11	74	-	75	11	90	7	71	14	81	13	90	-	63	9	78	13	77	-	73	-	73	12	76	9	74	12
Health experts/scientists	74	1	81	-	76	1	88	4	70	8	68	-1	89	-	65	2	83	0	82	-	72	-	72	2	76	0	68	-2
National health authorities	64	0	63	-	67	-2	89	2	56	4	55	-5	86	-	57	1	60	2	66	-	54	-	57	-4	68	-3	61	2
Global health authorities	61	0	62	-	65	-3	87	4	54	2	49	-5	87	-	49	7	69	-5	76	-	59	-	57	1	59	-5	55	0
Teachers	61	-	76	-	66	-	87	-	56	-	48	-	88	-	38	-	69	-	72	-	66	-	57	-	63	-	64	-
My Chief Health Officer	60	-	74	-	58	-	86	-	53	-	52	-	87	-	43	-	69	-	73	-	65	-	52	-	57	-	61	-
My CEO	56	2	67	-	55	3	85	5	46	0	40	-4	83	-	44	2	67	4	60	-	61	-	45	4	51	0	60	1

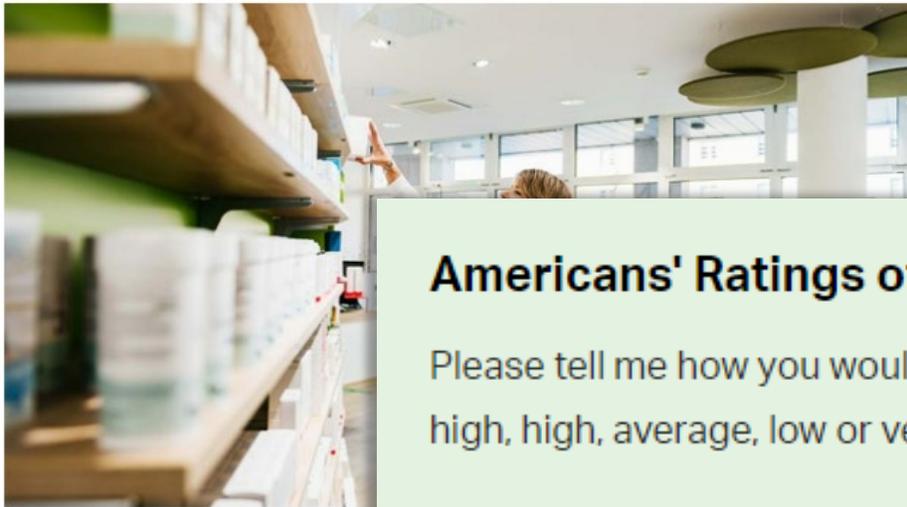
2023 Edelman Trust Barometer Special Report: Trust and Health. HEA_TRU_PEP. Below is a list of categories of people. For each one, please indicate how much you trust that group of people to tell you the truth about health issues and about how best to protect the health of the public. 9-point scale; top 4 box, trust. General population, 9-mkt avg. "My Chief Health Officer" and "my CEO" only asked of those who are an employee of an organization (Q43/1). Data shown is rebased to exclude those who selected "don't know/not applicable." Year-over-year changes were tested for significance using a t-test set at the 99%+ confidence level.

People placing more trust in pharmacists for care management

Patients had a high level of trust in pharmacists to complete most activities, including prescribing medications and providing counseling. <https://www.hfma.org/leadership/highest-ethics-rankings/>



Jeff Lagasse, Associate Editor



Healthcare News of Note: Nurses, doctors and pharmacists rank highest in Gallup's latest ethics poll



Deborah Filipek



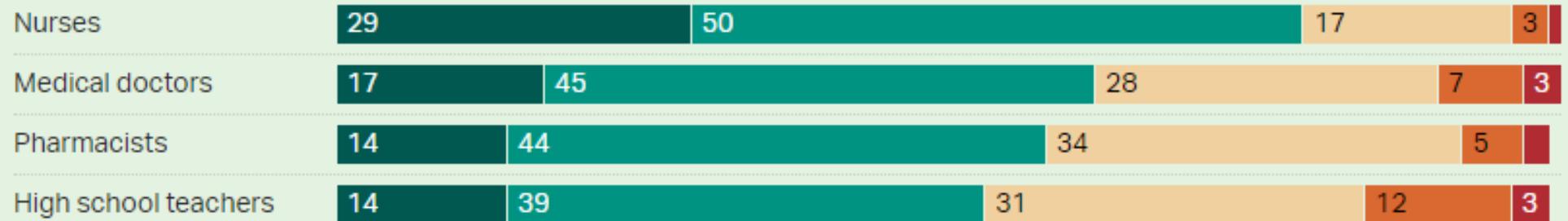
January 23, 2023 10:08 am

<https://www.healthcarefinancenews.com/news/people-placing-more-trust-pharmacists-care-management>

Americans' Ratings of Honesty and Ethics of Professions

Please tell me how you would rate the honesty and ethical standards of people in these different fields -- very high, high, average, low or very low?

■ % Very high ■ % High ■ % Average ■ % Low ■ % Very low



<https://www.ethicssage.com/2023/03/gallup-poll-on-honest-ethics.html>

Why trust in pharmacists remains high

June 03, 2022 | Pharmacy

Download ↓ Share ↗



“That’s how we build trust, starting with frequent communication and even more frequent listening”

Prem Shah,
Executive Vice President and Chief Pharmacy Officer at CVS Health

So why are pharmacists such trusted professionals?

Shah: I can think of three things. First, we’re available. Across the country there are more than 60,000 retail pharmacies, which means a pharmacist is always nearby, and usually, with convenient hours, including evenings and weekends.

Second, the atmosphere of the pharmacy is approachable and familiar. We are in the community and work in an environment where people frequently stop by to shop for daily essentials. And third, we help people, and we reliably help them often. If you have a question about medication or have a sick child and want an over-the-counter solution, we can give you advice without a lot of fuss.

We also — and this is key — see patients more frequently than their doctors do. And if a patient has multiple doctors, we are often the only health care provider who has visibility across all of their prescriptions.

So those things — availability, approachability and reliability — have really helped position pharmacists as trusted health care providers.





Missing the Point — How Primary Care Can Overcome Covid-19 Vaccine “Hesitancy”

Scott Ratzan, M.D., M.P.A., Eric C. Schneider, M.D., Hilary

Who should be engaged?

Who should be empowered?

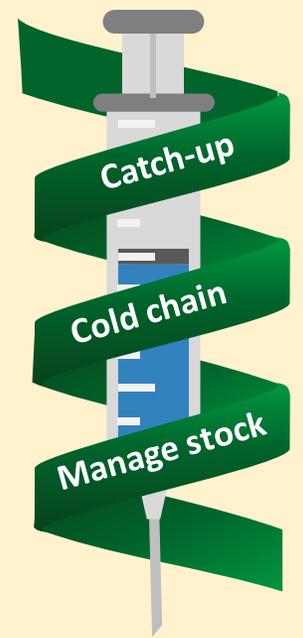
Who should be trained?

but not sufficient. Emphasizing hesitancy misses the point. Planners should **expand access** by building flexibility into the sites, times, and methods for administering Covid-19 vaccines, engaging the most trusted purveyors of health care in many communities: the **doctors, nurses, and community leaders** who know how to **create access, convey persuasive messages, and deliver care.**



Reduce missed opportunities, integrated child health catch-up and access to adult vaccines

- At every encounter for **all children** up to age of **12 years**
 - Screen for eligibility according to SA-EPI schedule
 - Assess for any missed doses
- Adult** vaccination → bundle with acute and chronic care
- Prevent vaccine shortages → **effective vaccine management**
- Manage cold chain → **effective supply chain**



How can you bridge the risk perception gap?



MEMBERS OF THE PUBLIC

Information
Emotions
Experience
Biases (heuristics)

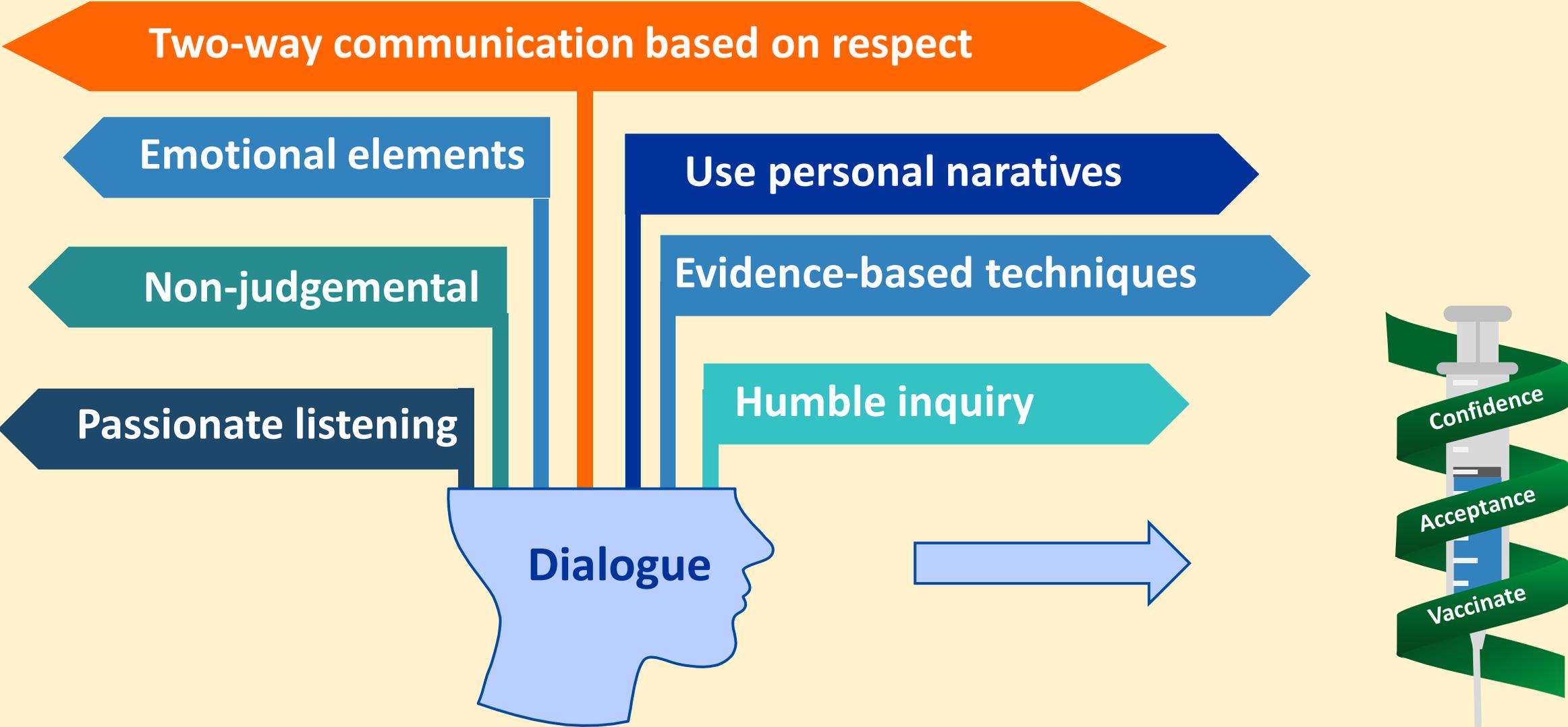
A light blue rounded rectangle containing four icons: a woman, a family (two adults and a child), a person with a cane, and a person in a wheelchair.

HEALTHCARE SECTOR

Information
Evidence & data
Training
Research
Evaluation
of causality

A light red rounded rectangle containing four icons: a doctor, a person at a presentation, a doctor, and an ambulance.

Interpersonal communication



Initiating the vaccination conversation

Best communication strategies



Strong recommendation

Use strong language in favour of vaccination:

“Your child is due for the HPV vaccine, and I recommend that he/she gets it because it protects against cancer.”

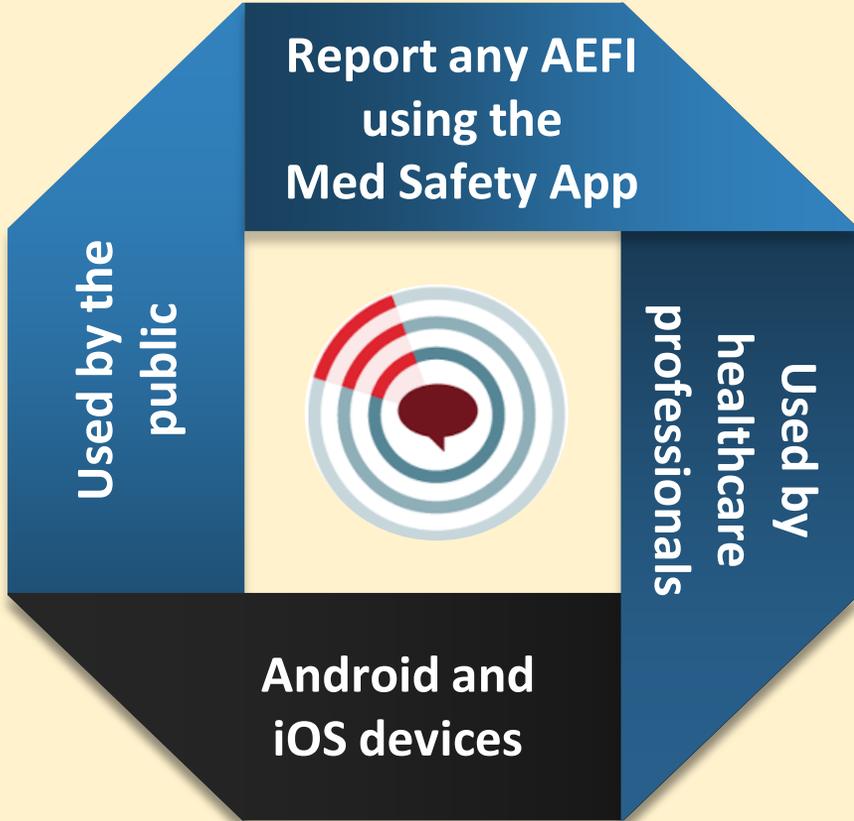
Presumptive style of communication

Recommendation as a statement not requiring a response and bundling the vaccines together:

“Your child is due for the influenza and tetanus vaccines today.”

Report adverse events following immunisation (AEFI)

Be transparent at all times



Download instructions and information:

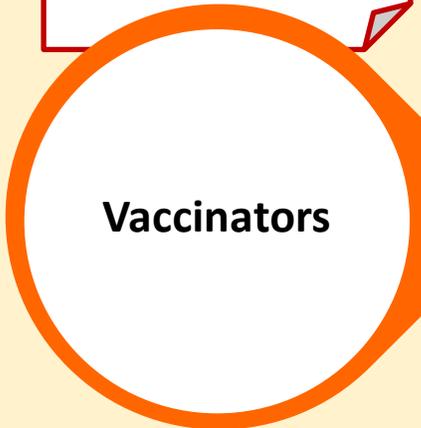
<http://medsafety.sahpra.org.za/>

<https://www.youtube.com/watch?v=jvuQZddyFTM>

Public-Private partnerships: Offer EPI services and vaccines in the pharmacy



Training for pharmacists as vaccinators



Registered with Professional Council



Record evidence of competence with SAPC



Record permit with SAPC



Accreditation and approval of site by Provincial Department of Health



Provincial Department of Health through District Pharmacist

Service level agreement with Provincial Department of Health

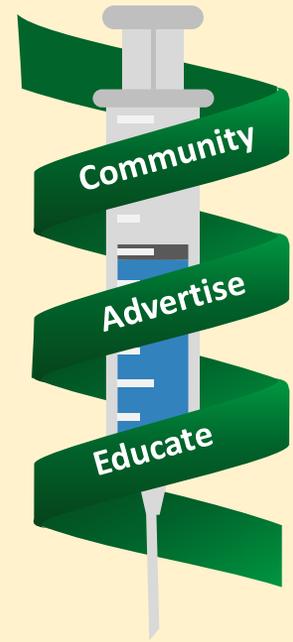
- **Contact:** District Pharmacist in relevant Province
- **Valid** for an initial period of 2 (two) years
- **Compliance with legislation**
 - Medicines and Related Substances (Act 101 of 1965)
 - Nursing Act No. 33 of 2005
 - Pharmacy Act 1974 (Act 53 of 1974) as amended
- Facility registered on **Master Health Facility List**
- **Fees allowed** for services provided
- Reporting **adverse events following immunisation**
- **Data management**
- **Stock management**

Age	Scheduled vaccines
Birth	OPV (0), BCG, (HepB from 2024)
6 weeks	OPV (1), RV (1), Hexaxim (1), PCV (1)
10 weeks	Hexaxim (2)
14 weeks	RV (2), Hexaxim (3), PCV (2)
6 months	Measles (1) (MR from 2024)
9 months	PCV (3)
12 months	Measles (2) (MR from 2024)
18 months	Hexaxim (4)
6 Years	Td (1)(TdaP from 2024)
9 years	HPV (TdaP campaign dose from 2024)
12 Years	Td (2) (TdaP from 2024)

Community outreach and catch-up campaigns



Source: SAVIC Library



Source: SAVIC Library

SMU Public Health Pharmacy
Published by Hannelie Meyer · 4 December 2020 · 4

Proudly #publichealthpharmacy serving our community!
#VaccinesWork #StaySafeStayHealthy

SMU Public Health Pharmacy
Published by Instagram · 4 December 2020 · Instagram · 4

Today (04/12/2020) the School of Pharmacy, PHPM division was handing out sanitizers and pamphlets to cars passing by the SMU gate (mainly Taxis). A reminder tha... See more

412 People reached · 20 Engagements · - Distribution score · Boost Unavailable

SMU Public Health Pharmacy is at Sefako Makgatho Health Sciences University.
Published by Instagram · 4 December 2020 · Ga-Rankuwa · 4

Today (04/12/2020) the School of Pharmacy, PHPM division was handing out sanitizers and pamphlets to cars passing by the SMU gate (mainly Taxis). A reminder that COVID is still amongst us! COVID is not gone!
#PHPMsanitizercampaign #COVID19

233

SMU Public Health Pharmacy is at Sefako Makgatho Health Sciences University.
Published by Instagram · 4 December 2020 · Ga-Rankuwa · 4

Thank you to the @smu_pharmaceuticalsciences division for manufacturing these sanitizers
#phpm sanitizercampaign #covid19

636

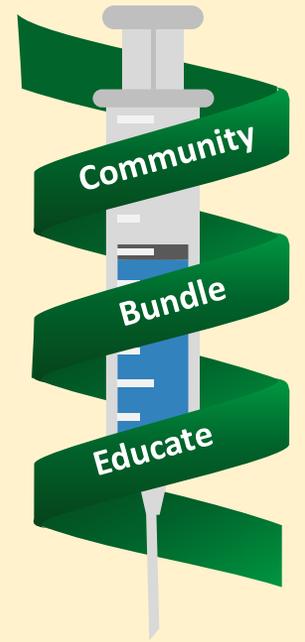
HOW TO SAFELY WEAR A MASK

DO'S

- Thoroughly wash your hands with soap and water before touching your mask
- Check the mask for any tearing or holes
- Cover your mouth, nose and chin
- Avoid touching the mask
- Wash the mask in soap or detergent, preferably with hot water, at least once a day
- Clean hands after removing the mask
- Remove the mask by the straps behind the ears or head
- For surgical mask: the top side contains a metal piece/stiff edge. Place the metal piece/stiff edge over your nose
- Clean hands before removing the mask

Division of Public Health Pharmacy and Management
SCHOOL OF PHARMACY

South African Vaccination and Immunisation Centre
Email: info@savic.ac.za



Source: SAVIC Library

Stay safe during COVID-19
Good hygiene lowers your risk for disease. COVID-19 is transmitted through viruses and bacteria.

Did you know?
The viruses and bacteria can live on the outside of your phone

Clean your phone
Regularly clean your phone with an alcohol wipe and remember to wash your hands afterwards

Hand washing

- Wet hands before applying soap
- Rub soap all over palms, back of hands and inbetween fingers
- Scrub your hands for 20-30 seconds, then rinse with clean water
- Wipe hands with clean towel/paper towel

Division of Public Health Pharmacy and Management
SCHOOL OF PHARMACY

South African Vaccination and Immunisation Centre
Email: info@savic.ac.za

Good Hygiene practices during Self Quarantine
Self-quarantine is recommended for individuals who have been directly exposed to the Coronavirus

- Do not travel, stay at home for at least 14 days, self isolate in a separate room alone
- Use your own plate, bowl and utensils - do not share food with anyone
- Wash your hands frequently with soap and water for at least 20 seconds
- Keep a 2-metre distance from other people at all times
- Linen can be cleaned with detergent and water
- Wipe down surfaces that you touch frequently
- Cover your mouth with cloth or paper when coughing or sneezing

Division of Public Health Pharmacy and Management
SCHOOL OF PHARMACY

South African Vaccination and Immunisation Centre
Email: info@savic.ac.za

Vaccination during COVID-19
Vaccination protects young and old from dangerous and deadly infectious diseases. Those too sick or young for vaccination, can be protected if most community members are vaccinated.

Check your child's immunisation record for any missed doses

ROAD TO HEALTH

DID YOUR CHILD MISS A SCHEDULED VACCINE BECAUSE OF COVID-19?
Do not worry! You can still go to your nearest clinic to catch-up on any vaccinations missed

Vaccine	Scheduled age of child	If your child missed their scheduled vaccine -
Born	BCG can be administered up to the age of 1 year	
DTaP-IPV (Diphtheria, Tetanus, acellular Pertussis)	Birth and 6 weeks	DTaP-IPV can be administered up to the age of 6 months
Polio (OPV)	6, 12 and 18 weeks (18 months)	OPV can be administered up to the age of 5 years
MM (Measles, Mumps, Rubella)	9 and 14 weeks	MM can be administered at any age
MM2 (Measles, Mumps, Rubella)	6 and 14 weeks	MM2 can be administered up to the age of 24 weeks
MMR (Measles, Mumps, Rubella)	6 and 12 months	MMR can be administered at any age
Hib (Haemophilus influenzae type b)	6 and 12 weeks	Hib can be administered at any age

IS IT SAFE TO VISIT THE CLINIC?
Strict infection prevention measures are in place to minimise the risk of transmission. Wear a mask, sanitise your hands and keep social distancing

Division of Public Health Pharmacy and Management
SCHOOL OF PHARMACY

South African Vaccination and Immunisation Centre
Email: info@savic.ac.za

Chronic Patient Guide
It is important to continue taking your chronic medicines during COVID-19

Ask a friend or family member to collect your medicines if you are sick or at high risk of getting COVID-19

Do not miss your clinic/hospital check-up and collect your medicines on time

When collecting your medicines protect yourself and others! Wear a mask, sanitise your hands and maintain social distancing!

5 Medicine Collection Days

Division of Public Health Pharmacy and Management
SCHOOL OF PHARMACY

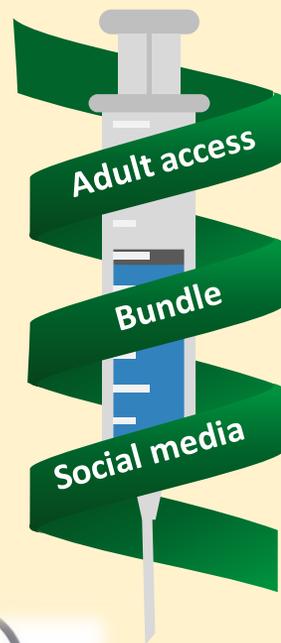
South African Vaccination and Immunisation Centre
Email: info@savic.ac.za

WHEN YOU WEAR A MASK, DO NOT....

- Don't share your mask with someone else
- Don't wear your mask under your nose
- Don't wear a dirty or wet mask
- Don't wear a torn mask or mask with holes
- Don't wear a loose mask
- Don't wear a mask that is difficult to breathe through
- Don't remove the mask where there are people within 1 metre
- Don't put a mask on children below 2 years

Division of Public Health Pharmacy and Management
SCHOOL OF PHARMACY

South African Vaccination and Immunisation Centre
Email: info@savic.ac.za



NWU® | AUTHer

5 THINGS
on a Friday

VACCINES KEEP US HEALTHY
#VACCINESWORK FOR ALL

SEFAKO MAKGATHO HEALTH SCIENCES UNIVERSITY | SAVIC | World Health Organization South Africa

NWU® | AUTHer

#VaccinesWork for all

Did your child miss any routine vaccines because of lockdown?

- Fully vaccinated children live healthier lives
- Catch up on all your child's missed vaccinations now
- It is never too late to vaccinate!

SEFAKO MAKGATHO HEALTH SCIENCES UNIVERSITY | SAVIC | World Health Organization South Africa

NWU® | AUTHer

#VaccinesWork for all

Are you pregnant?

- Flu vaccines protect you and your baby
- Protecting new born babies against flu gives them a healthy start to life
- Get your flu vaccine now before winter starts!

SEFAKO MAKGATHO HEALTH SCIENCES UNIVERSITY | SAVIC | World Health Organization South Africa

NWU® | AUTHer

#VaccinesWork for all

Do you have a chronic health condition?

- Some health conditions can make it harder for your body to fight off infections
- You could get very ill if you catch diseases such as flu or COVID-19
- Vaccines can protect you; Stay healthy by getting vaccinated!

SEFAKO MAKGATHO HEALTH SCIENCES UNIVERSITY | SAVIC | World Health Organization South Africa

NWU® | AUTHer

#VaccinesWork for all

Are you aged 35 years or older?

- COVID-19 vaccines protect against severe disease and death
- COVID-19 vaccines are safe and will keep you healthy
- Register for receiving the vaccine today:
<https://vaccine.enroll.health.gov.za/#/>

SEFAKO MAKGATHO HEALTH SCIENCES UNIVERSITY | SAVIC | World Health Organization South Africa

NWU® | AUTHer

#VaccinesWork for all

Are you aged 65 years or older?

- The flu vaccine protects the elderly against severe disease, hospitalisation and death from flu
- Get your flu vaccine now to stay healthy
- There must be at least a two week gap between the flu vaccine and the COVID-19 vaccine

SEFAKO MAKGATHO HEALTH SCIENCES UNIVERSITY | SAVIC | World Health Organization South Africa



The pharmacist as a critical role player in vaccination

CREATE DEMAND



● Accessible and trusted source of health information

● Identify and address missed opportunities

● Advocacy and build confidence in vaccines

● Training and public-private partnership to extend services

● Community outreach and collaboration



Let's protect our communities against vaccine-preventable diseases!

THANK YOU!



**Acknowledgements:
Prof Rose Burnett and
SAVIC team**



**Website: <https://savic.ac.za/>
Email: info@savic.ac.za**

