

DIGITALIZATION FOR UNIVERSAL HEALTH COVERAGE

21-06-2023

Pillar for delivery of UHC

1. Health Commodity Security
2. Integrated Health Information Management ecosystem
3. Human Resources for Health
4. Health Financing

PRIMARY HEALTHCARE

Community-based Primary Healthcare: Basic screening, Preventive and Promotive Health, Water, Sanitation and Hygiene, Outreaches

Facility-based Primary Healthcare: Medical outpatient and inpatient, screening, Oral and Eye care services, basic lab investigations, Maternal and Child Health

SECONDARY AND TERTIARY HEALTHCARE

Hospital-based: Referred outpatient and Inpatient, Critical care, Surgical procedures and transplant surgeries, Cancer treatment, medical imaging, rehabilitation and palliative services, hospital level screening services, renal dialysis, Maternal and Child Health, Mental Health Services

MANDATORY SERVICES

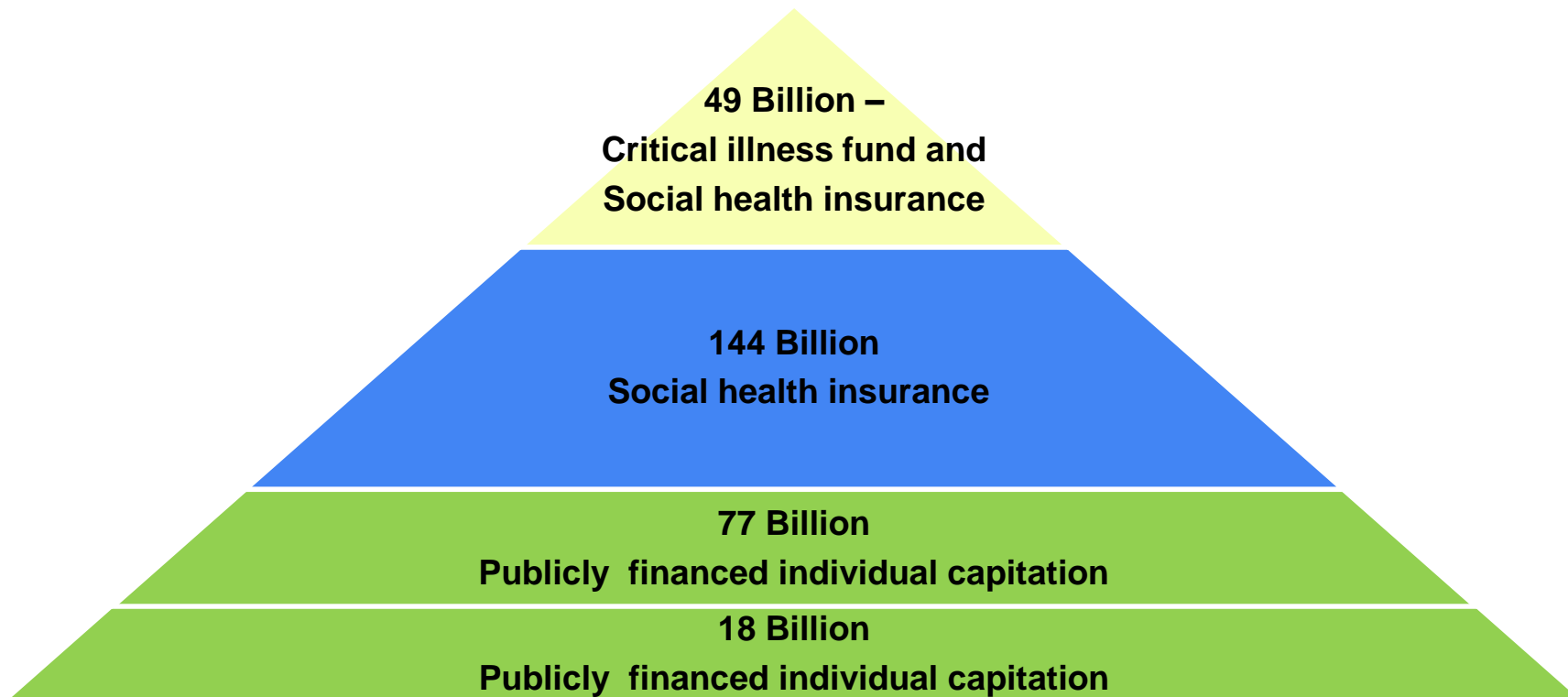
Ambulance Evacuation: Basic Life Support (BLS), Advanced Cardiac Life Support (ACLS) and Pediatric Advanced Life Support (PALS) Ambulances

Accident and Emergency care

LAST EXPENSE

THE
UHC
ESSENTI
AL
BENEFIT
PACKAG
E (EBP)

Costing and Financing model



The 4 paradigm shifts to address PHC

Current state



Curative approach



Non comprehensive/vertical services



Fragmented primary healthcare structures



Non-Sustainable Financial support

Shift to



Preventive and Promotive approach



Comprehensive & Integrated services



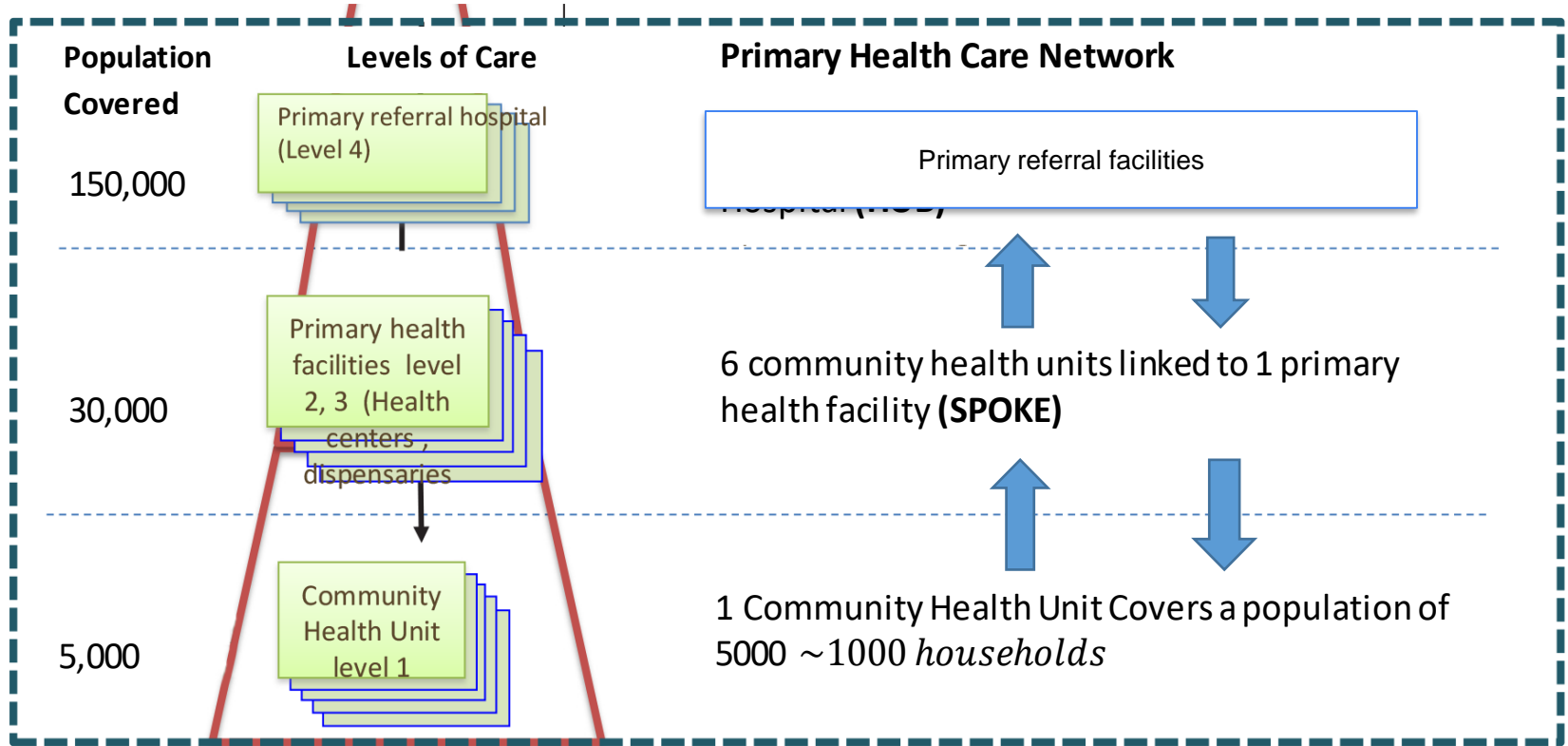
PCNs to strengthen service delivery at level 3, 2 and 1



Sustainable Financing

Goal: Enhancing preventive and promotive care to reduce the demand for healthcare commodities

PRIMARY CARE NETWORKS (PCN)



Integrated Health Information Technology

- Set up a fully integrated and interoperable health information ecosystem to drive **patient centric services, prevent fraud, Improve responsiveness, efficiency, transparency and** sharing of health data between health providers
 - The system will provide **interconnectivity** in the health sector (private and public) unlocking efficiency at all levels through end-to-end visibility of the whole health ecosystem.
 - Implement the Kenya Integrated Human Resource Information (IHRIS) system to track and manage the health workforce, operationalize Telemedicine
 - facilitate the use of telemedicine by caregivers in geographically isolated communities to provide healthcare services,
 - Patient data portability across the providers
 - The ecosystem will provide patient data portability, remote diagnostics and telemedicine.
- **We seek to work together to see the dream of fully digitization of our health care system across all the facets and functions**



[illegible]

What will it take to effectively
implement the KNHIE?

Our Justification

To accelerate the progress towards attainment of UHC through digitization of health services. The benefits include:

- Last mile service delivery of health care including remote consultation and telemedicine support.
- Ensuring continuity of care across the cascade
- Improved public health reporting and surveillance
- Improved quality of care
- Reduced cost through improved efficiency, preventing fraud
- Improved revenue collection and accountability of the funds
- Promoting patient centric care with patient taking control of the health records and data portability
- Spur growth of the digital health sector creating opportunities for job creation.



Digitalization Deployment Requirements-L2&3

ICT Infrastructure: Level 2			
Output	Activities	Equipment	Quantity
ICT equipment	Procurement and Installation of equipment	Computers	7
		PC UPS	7
		Tablets	1
		Thermoprinters	1
		printer (MFP)	1
		barcode scanner	1
Connectivity of service points	Deployment of Lan + Wireless	LAN infrastructure	1
Capacity building	Training of users	Capacity Building	Misc.
TOTAL FACILITIES: 4,630.			

ICT Infrastructure: Level 3			
Output	Activities	Equipment	Quantity
ICT equipment	Procurement and Installation of equipment	Computers	17
		PC UPS	17
		Tablets	3
		Thermoprinters	3
		printer (MFP)	1
		barcode scanner	1
Connectivity of service points	Deployment of Lan + Wireless	LAN infrastructure	1
Capacity building	Training of users	Capacity Building	Misc.
TOTAL LEVEL 3 FACILITIES: 1,088			

Digitalization Deployment Requirements-L4&5

ICT Infrastructure: Level 4			
Output	Activities	Equipment	Quantity
Procured equipment	Procurement of equipment	Computers	70
		Laptop	5
		PC UPS	70
		Tablets	10
		Thermoprinters	6
		Printer (MFP)	2
		barcode scanner	1
Connectivity of service points	Deployment of Lan + Wireless	LAN infrastructure	1
Capacity building	Training of users	Capacity Building	Misc.
TOTAL LEVEL 4 FACILITIES: 337			

ICT Infrastructure Level 5			
Output	Activities	Equipment	Quantity
ICT equipment	Procurement and Installation of equipment	Computers	194
		PC UPS	10
		Tablets	194
		Thermoprinters	24
		Printer (MFP)	10
		barcode scanner	4
Connectivity of service points	Deployment of LAN +Wireless	LAN infrastructure	2
Capacity building	Training of users	Capacity Building	Misc.
Telemedicine Conference	Procurement & installation s	Video conference equipment	1
TOTAL LEVEL 5 FACILITIES: 47			

Q&A