



REPUBLIC OF ZAMBIA
MINISTRY OF HEALTH



Public Health Security, Universal Health Coverage & Health Promotion:

Zambia's Approach and Experiences

Dr. Victor Mukonka *BSc, MD, DCH, DIH, DTM, MPH, PhD*

Director – Zambia National Public Health Institute, Ministry of Health
Interim Coordinator – Africa CDC Southern Africa Regional Collaborating Center

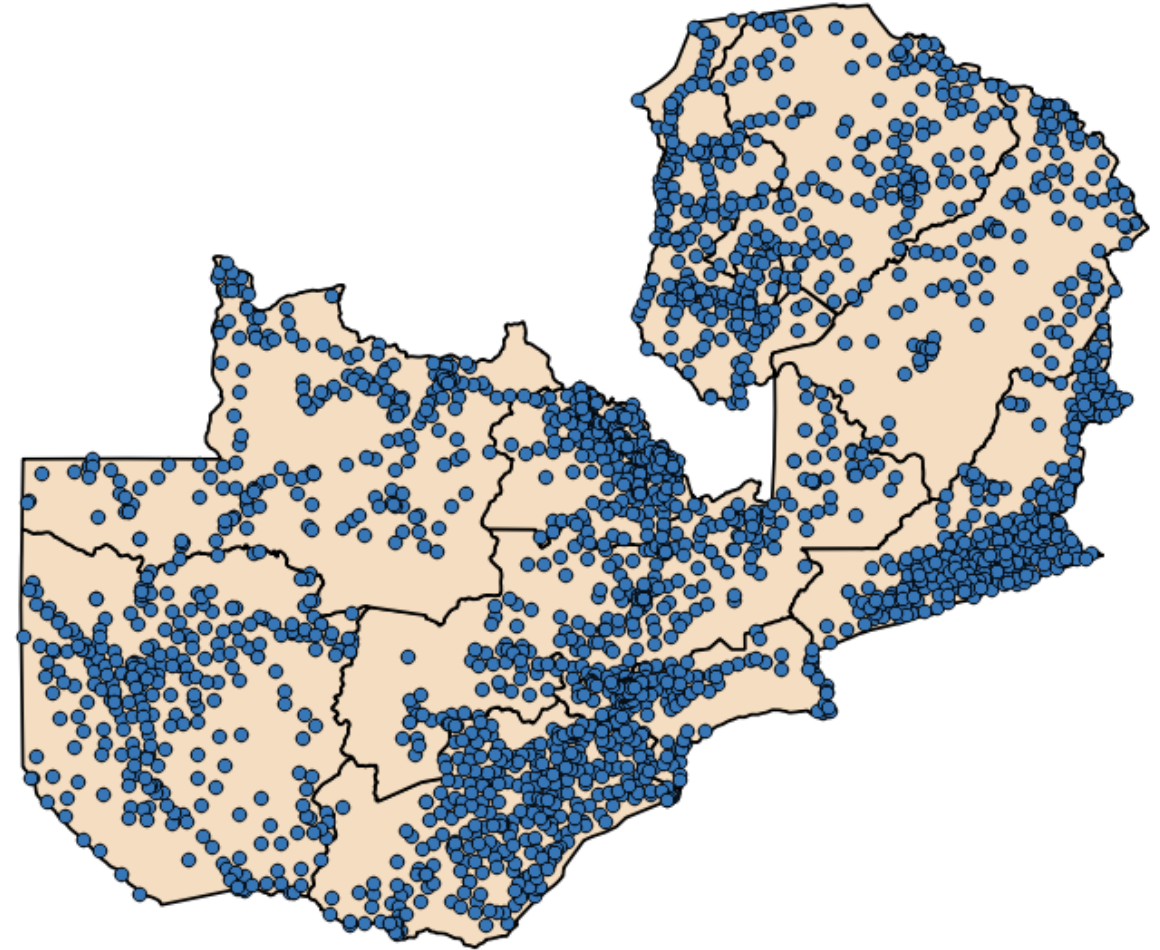
Zambia: Country Profile

- Located in south-central Africa
- Member of SADC & COMESA
- Land-inked country surrounded by 8 neighbours: *Angola, Botswana, Democratic Republic of Congo, Malawi, Mozambique, Namibia, Tanzania, Zimbabwe*
- Surface area: 752,614 km²
- 10 provinces; 118 districts
- Population: ~17 million
- Capital City: Lusaka



Healthcare System

- Three healthcare levels: National, Provincial, District
- 2,922 health facilities (MoH, 2017)
- Four main players : Government, Mines, Faith-based, Private
- Expenditure on health \approx 8.5% of national budget



Map showing health facilities in Zambia, 2017

Key Health Indicators

INDICATOR	1996	2002	2007	2014	2018
Life expectancy		37.35	38.44	51.83	62.3
Under 5 Mortality Rate/1,000 live births	197	168	119	75	61
Infant Mortality Rate/1,000 live births	109	95	70	45	42
Neonatal Mortality Rate/1,000 live births	35	37	34	24	27
Maternal Mortality Rate/100,000 live births	649	729	591	398	278
Adult Mortality Rate/1,000 Pop	10.9	14.1	12.5	8.4	
HIV and AIDS prevalence % (14-49 yrs age group)	13.3	15.6	14.3	13.3	12.1

Preamble

- The Zambian Government is pursuing a Transformation Agenda ***to become a prosperous middle income country by 2030 (Vision 2030)***
 - Health has been prioritized as a key economic investment, to guarantee a healthy & productive citizenry that will drive and sustain economic development
 - The National Health Strategic Plan 2017-21 is therefore aligned to the 7th National Development Plan and Vision 2030
 - Goal of NHSP:
To build a robust and resilient health system through an integrated community and primary health care approach across the continuum of care:
Promotive*, ***Preventive****, *Curative, Rehabilitative, Palliative*
- *Directorate of Health Promotion, Environment and Social Determinants created in MoH to promote wellness and link with multi-sectoral players

- Top on the health agenda is attainment of **Universal Health Coverage** through strengthening core pillars of the health system:
 - i. Service delivery
 - ii. Human Resources for Health;
 - iii. Leadership & Governance;
 - iv. Health information;
 - v. Medical products, vaccines, and technologies;
 - vi. Healthcare Financing

Zambia has included an additional pillar: **Public Health Security**

- Relevance showcased during 2017/18 cholera outbreak & other subsequent threats

Public Health Security

- Key to shielding the population, health system and economy from acute health threats and events
- Policy decision taken by Govt. of Zambia in 2015 to establish the Zambia National Public Health Institute (ZNPFI) as a specialized technical arm of MoH & Public Health Centre of Excellence
- In advanced process of being set as a statutory body by an Act of Parliament
- ZNPFI Mandate:
 - To preserve the country's health security
 - To efficiently prevent disease transmission, conduct surveillance and be prepared to respond to health threats and outbreaks
 - To build national capacity to detect and respond effectively to disease threats and outbreaks, based on scientific evidence
 - To host Africa CDC Regional Collaborating Center (RCC) for Southern Africa

- Technical institution dedicated to safeguarding public health security through:
 - Surveillance and disease intelligence
 - Emergency preparedness and response capability
 - Specialised laboratory functions
 - Research and Information management
 - Workforce development
- Core to ensuring UHC, in line with Health Sector transformation agenda
- Consistent with current international best practice for strengthening national and global public health security
- Aligned to African Union aspiration and Africa CDC's 3-tier operational model
- Provides platform for actualizing the One Health concept
- Serves as national focal point for implementation of the International Health Regulations (IHR)

ZNPFI Strategic Pillars

ZNPFI

Surveillance & Disease Intelligence

- Routine
- Sentinel
- Event-based
- Facility-based
- Community-based
- Cross border
- eIDSR

Emergency Preparedness & Response

- PHEOC
- Conform to IHR
- Coordinate EPRCs & RRTs
- Outbreak Invx.

Laboratory Systems & Network

- NPHL: BSL3+ Lab
- Capacity building:
 - QMS
 - Microbiology
 - Biosafety & Biosecurity
- Courier system
- Biobank
- AMR

Communication, Information & Research

- Information sharing platform
- **The Health Press**
- Data repository
- Support NHRA
- Platform for dialogue
- Public health research

Workforce Development

- FETP
- Training
- Mentorship
- Exercises:
 - Table-top
 - Drills
 - Simulations

Monitoring & Evaluation

- Strategic planning
- Forecasting
- Data Audit
- Analytics
- Monitoring
- Evaluation

Finance, Leadership, Partnerships, Innovation

Zambia's Approach: Key Points

- HP essential to minimise the more costly traditional emphasis on curative approach, thereby freeing resources for wider coverage of services
 - maintaining wellness through healthy behaviors and environments
- UHC & PHS are inseparable; two sides of the same coin
- NPHI role & link to UHC & HP
 - Dedicated technical institution for PHS
 - Shields citizenry, health system & economy from acute health threats
 - Evidence-based (scientific / research) practice
 - Anchors implementation of IHR (2005)
 - Consistent with international best practice
- Unified system approach taken by Zambia to address HP & PHS for attainment of UHC



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Thank You