



Nigeria Centre for Disease Control and Prevention
Protecting the health of Nigerians

One Health Collaboration on Field Epidemiology

The Perspective from Nigeria

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Nigeria's Health Profile

Form of Government

Federal Republic with
36 states and a
Federal Capital
Territory



Population

Over **200** million
(1st in Africa)

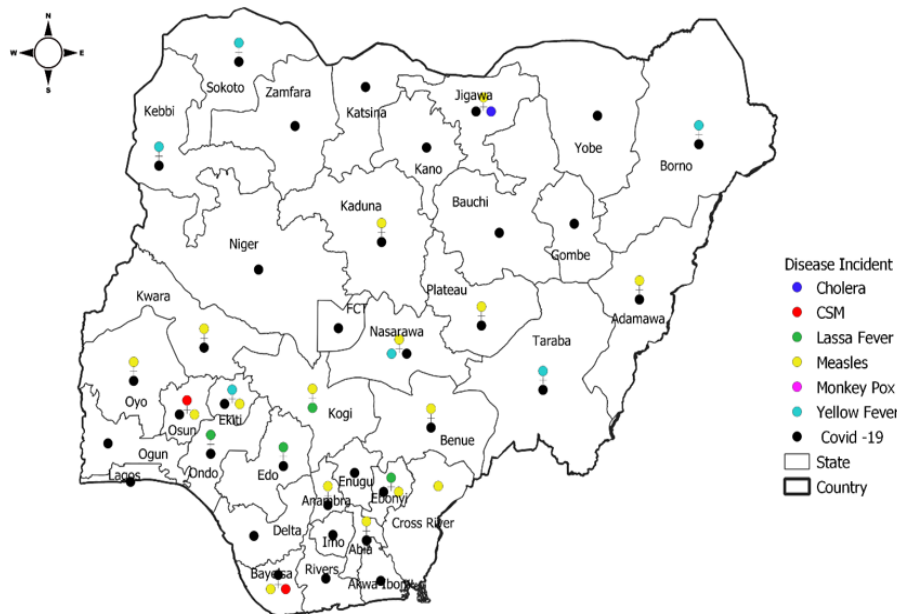


Investment

Budget allocation of **less than 5%**



2017 - 2022



Life Expectancy

56 (as at 2023)



IHR

Preparedness

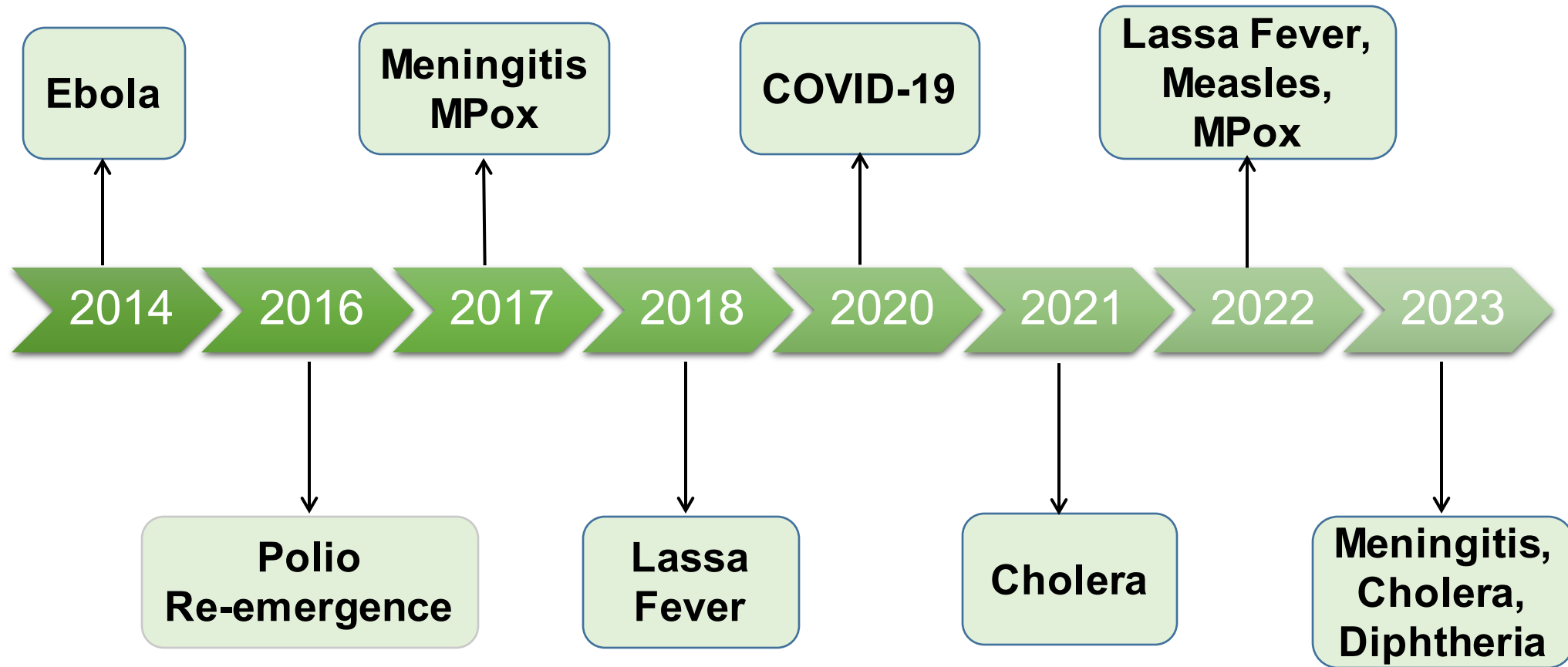
JEE Ready Score (**54%**) to
prevent, detect and respond



Maternal Mortality Ratio

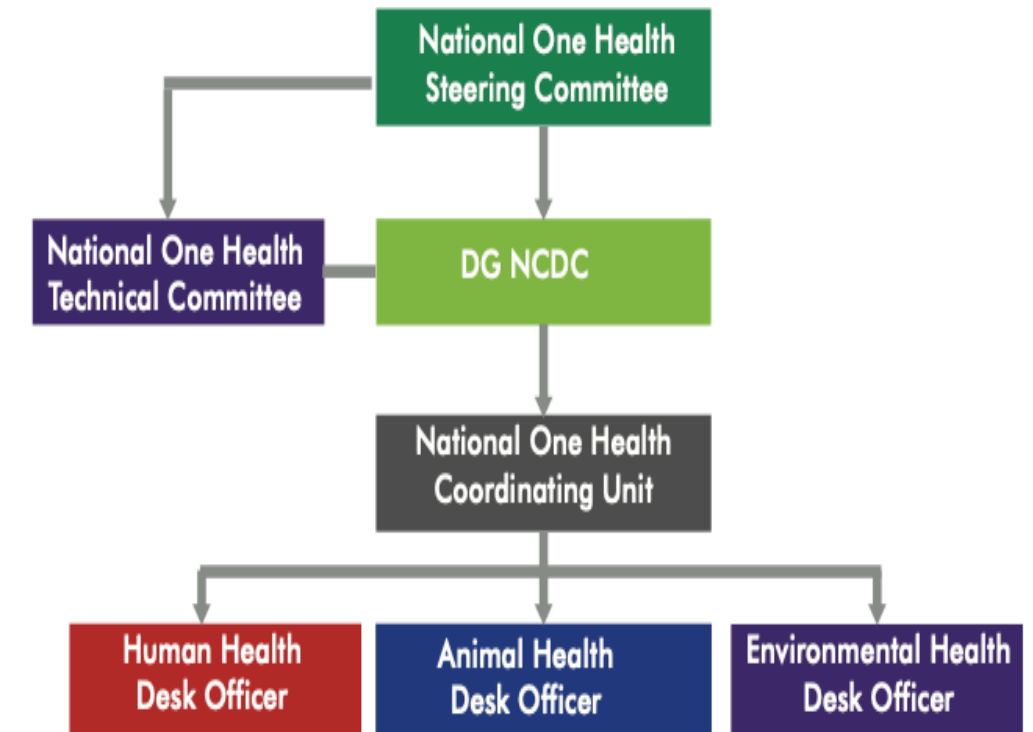
821 per 100,000 live births

Major Outbreaks in Nigeria (2014 – 2023)



National One Health Governance Structure

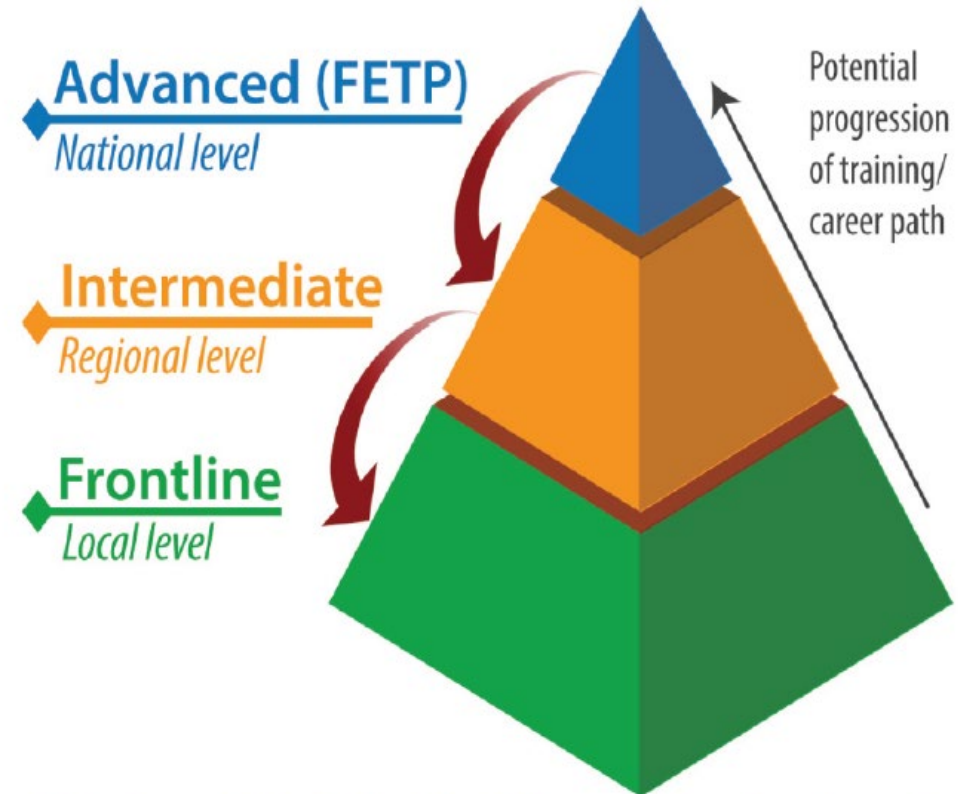
- The One Health (OH) platform has 3 structures;
 - ✓ National OH Steering Committee
 - ✓ National OH Technical Committee
 - ✓ National OH Coordinating Unit
- The platform serves to provide leadership oversight
- The DG NCDC has oversight responsibilities of the operations of the OH Coordinating Unit



Institutional/operational framework of National One Health Coordination Unit (NOHCU)

Nigeria Field Epidemiology & Laboratory Training Programme

- **Important strategy** for building a skilled and capable public health workforce
- A strategy for IHR core capacity requirements for workforce development
- The Nigeria FETP was established in 2008 and is implemented as a three-tiered pyramidal model
- Key role in responding to disease outbreaks in Nigeria and other African countries

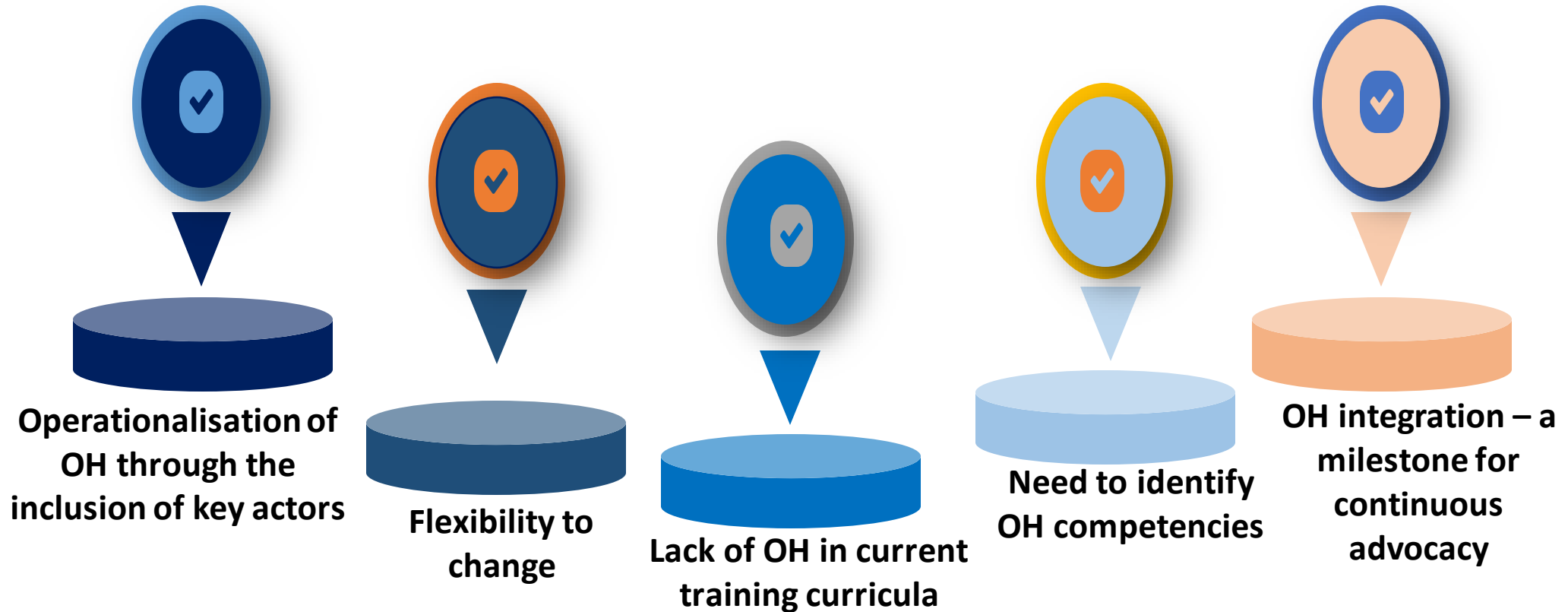


Training model for field epidemiology workforce development

Scoping Workshop Key Findings

Goal

The workshop's overall objective was to pinpoint opportunities for strengthening OH through the review of selected field epidemiology training curricula



Strengthening One Health in Nigeria FETP

Gap Identification

The Nigeria field epidemiology workforce is **not adequately prepared to work across the human-animal-environment interface**

Strategy

The ***Competencies for One Health field epidemiology (COHFE) framework***

Goal

Creation of innovative training by developing and implementing OH-focused curriculum for the Frontline In-Service Applied Veterinary Epidemiology Training (**I-SAVET**) and Integrated Training for Surveillance Officers in Nigeria (**ITSON**) **through the adaptation and validation of the COHFE framework**

Methodology

THREE-STAGE APPROACH

Scoping and understanding the landscapes (One Health and FETP)

- Literary review, protocol and tools development
- Stakeholders mapping and engagement
- Advocacy
- Readiness and needs assessment

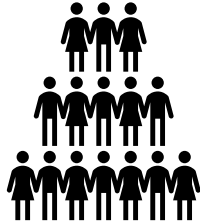
Adaptation and validation workshop

- **Adaptation and validation of the COHFE framework to country-specific contexts**
- Implementation plan for pilot in frontline FETP (ISAVET & ITSON)

The pilot of country-specific validated COHFE framework

- Curriculum review
- Development of training materials

COHFE Workshop

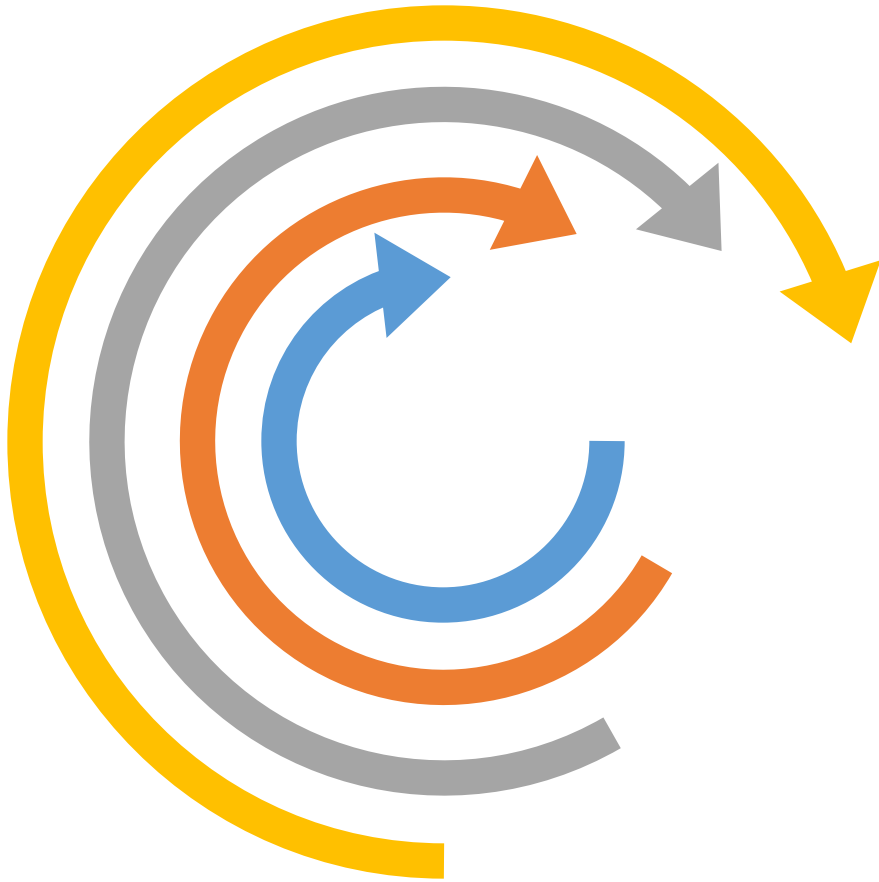


- Federal Ministry of Health and Social Welfare
- Federal Ministry of Agriculture and Food Security
- Federal Ministry of Environment
- Academia across the One Health disciplines
- African Field Epidemiology Network (AFENET)
- Africa Centres for Disease Control and Prevention (Africa CDC)
- Quadripartite country office representatives
- Others



- Technical sessions
- Brainstorming discussions
- Experience sharing structured around the COHFE framework.
- Participants conducted a cross-walk of COHFE's One Health knowledge, skills and competencies against the existing curricula for ISAVET & ITSON

COHFE Workshop Key Outcomes



- 1 Need for a shared curriculum addressing competencies across sectors
- 2 Need to develop training resources for environment health
- 3 Optimising field epidemiology curricula utilising the COHFE framework to better align with programme requirements
- 4 Establishing collaborative training programmes for resource and information sharing across the human, animal, and environment health sectors

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Thank you

Nigeria Centre for Disease Control and Prevention

**A healthier and safer Nigeria
through the prevention and control
of diseases of public health
importance**