

Nigeria Centre for Disease Control

Protecting the health of Nigerians

Nigeria Centre for Disease Control

Progress in last two years

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Nigeria Centre for Disease Control



Nigeria's public health institute

Mandate

Prevent, detect, and control spread of communicable diseases

Coordinate **surveillance systems** to collect, analyse and interpret data on communicable diseases to guide action

Support States in responding to small outbreaks, and lead response to large disease outbreaks

Develop and maintain a network of **public health laboratories**

Conduct, collate, synthesise and disseminate **public health research** to inform policy

Coordinate the compliance with **international health regulations**



History of NCDC



- 2007** – Endorsed by 51st National Council of Health in Lagos

- 2010** – Minister of Health approves recommendation to establish NCDC and submits memo to the Fed. Exec. Council

- 2011** – NCDC project initiated via a Memo signed by the Permanent Secretary (FMOH) constituted by moving ***Epidemiology Div of FMOH, Avian Influenza project, and all the laboratories established by the project, and Nigeria Field Epi Training***

- 2015** – NCDC selected as host of ECOWAS Regional CDC

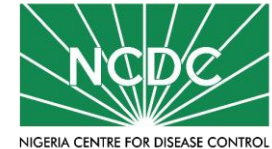
- 2017** – Bill approved by Federal Executive Council. Sent to National Assembly

- March 2018** – Bill passed by Nigerian Senate

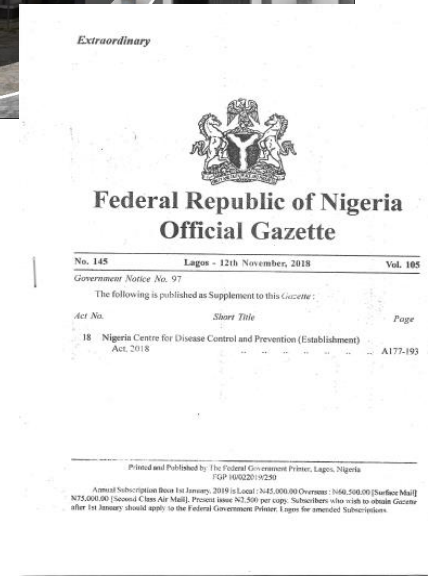
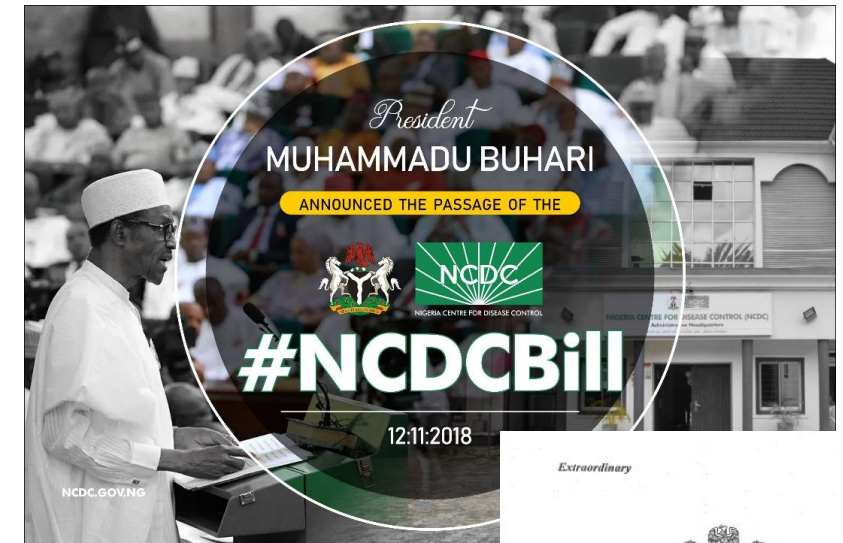
- July 2018** – Bill passed by House of Representatives

- November 2018** – **NCDC Act signed into law by President Muhammadu Buhari**

NCDC's role- The NCDC Act (2018)



- **Protect Nigerians from the impact of communicable diseases**
- **Coordination** of public health preparedness, surveillance, laboratory and response functions for **all infectious diseases**
- Lead Nigeria's implementation of **International Health Regulations**
- Lead the implementation of **Nigeria Field Epidemiology and Laboratory Training Programme**
- **Build trust** among Nigerians through regular communication



Public Health Emergencies in Nigeria



Ebola outbreak



Highlighted the global health security challenges across the region

Polio Re-emergence



Re-emergence of wild polio virus (WPV1) in the north eastern state of Borno-Insurgency and interruption in AFP surveillance major causes.

CSM outbreak



Largest outbreak of Serotype C reported in Nigeria

Monkeypox outbreak

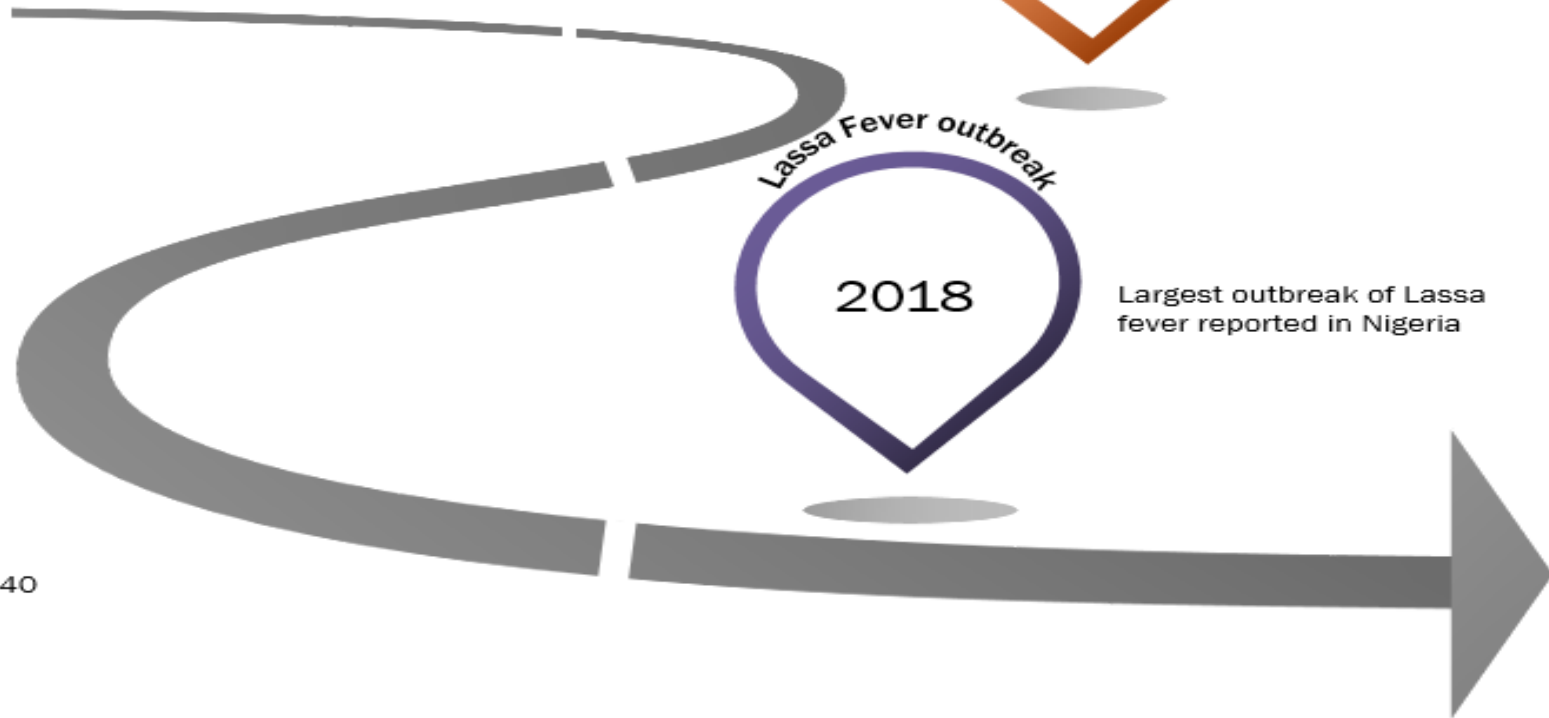


Re-emergence after 40 years

Lassa Fever outbreak



Largest outbreak of Lassa fever reported in Nigeria

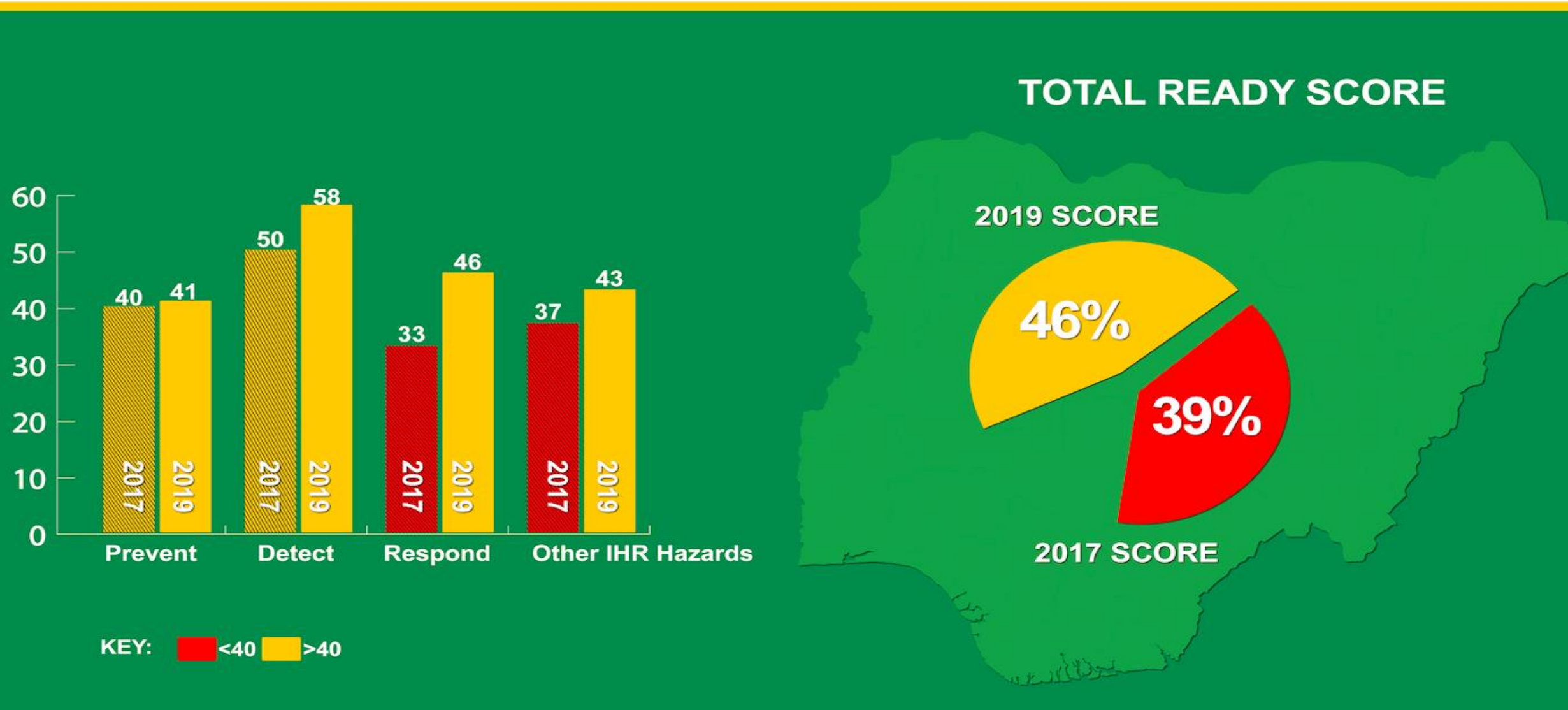




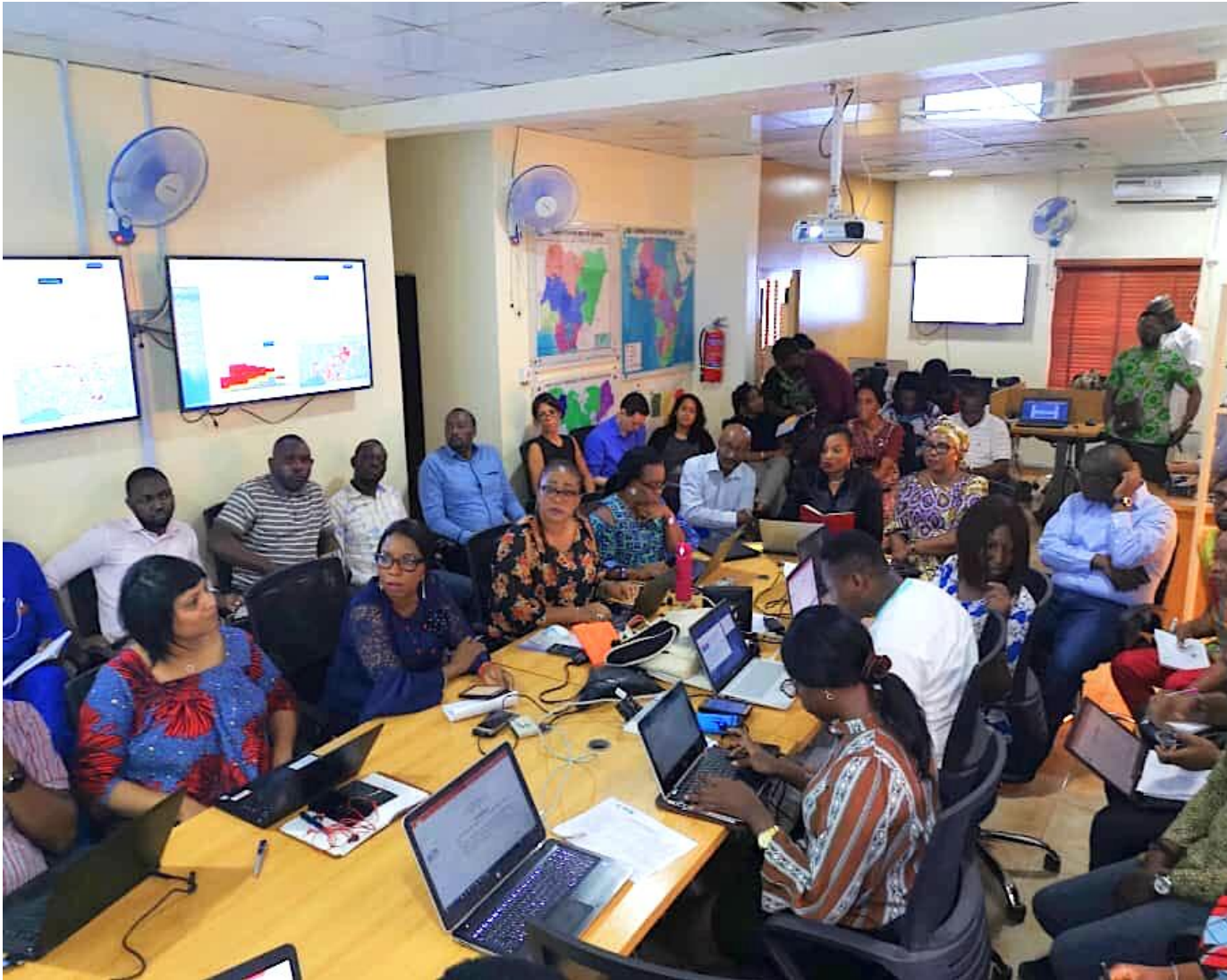
PROGRESS IN LAST TWO YEARS



NIGERIA JEE SCORES - 2017 & 2019

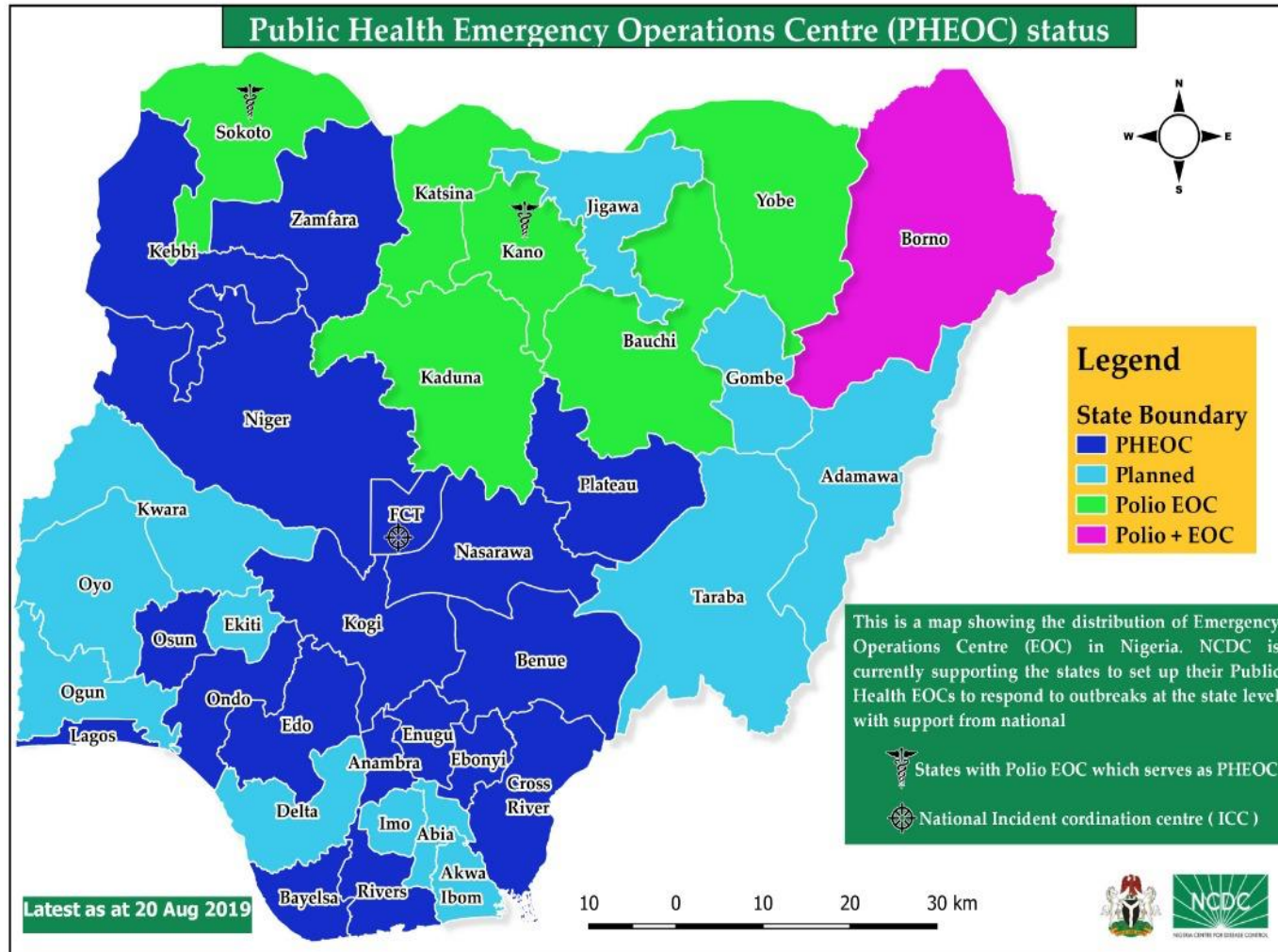


National Incident Coordination Centre



- Established in October 2017
- Monitors outbreaks and public health events 24/7
- Serves as Emergency Operations Centre during outbreaks
- Manages deployment of Rapid Response Teams
- Networked with State PHEOCs
- Trained professionals and can deploy in 2 hours

State PHEOCs



- Established in 21 states
- Support state level coordination for outbreaks and public health event
- Support from NCDC through training, mentorship and regular simulations
- Networked with NCDC and within network
- **Goal: To have a State PHEOC in all states in Nigeria by Q1 2020**

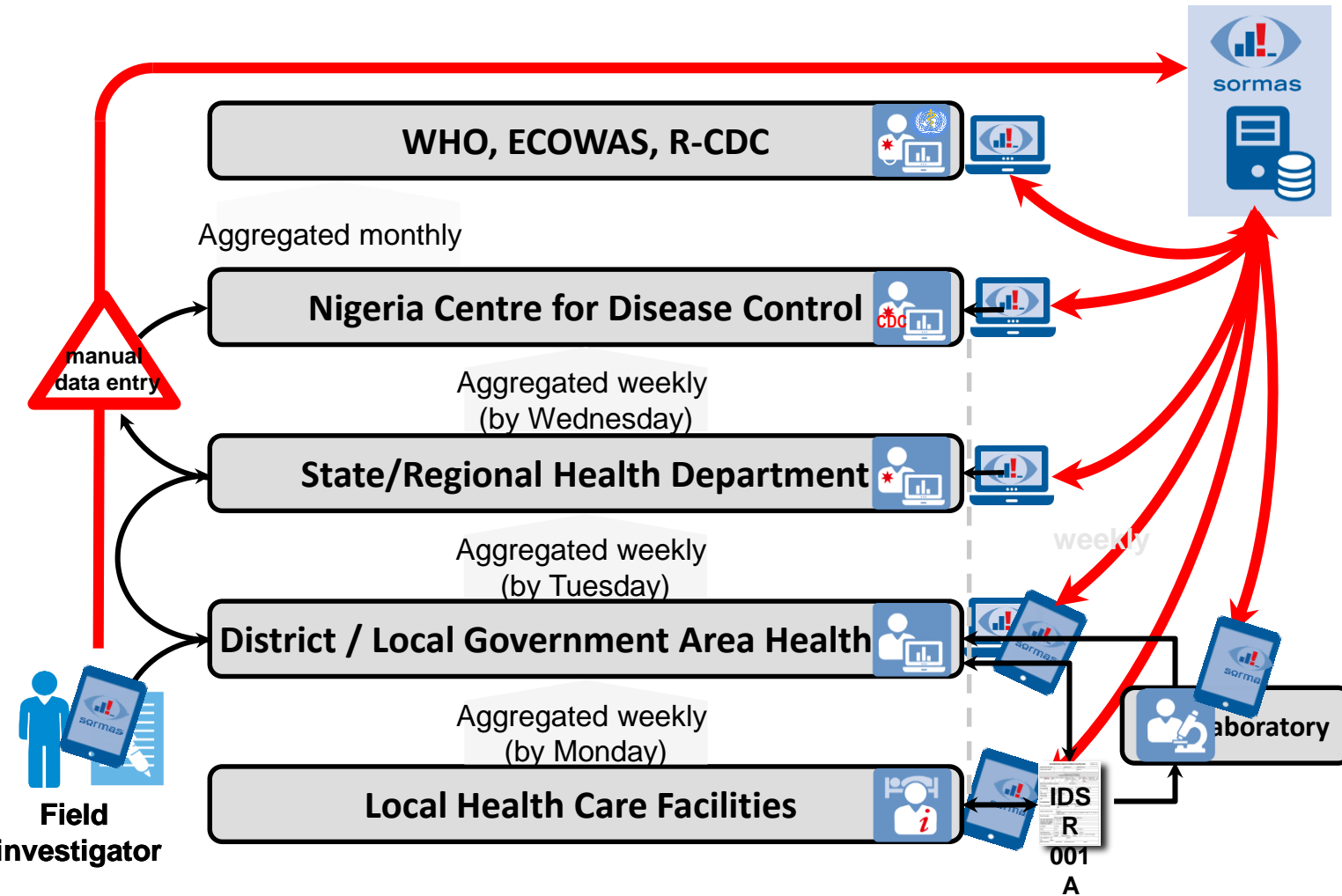
Preparedness: Simulation exercises, AARs



- Regular **simulation exercises** held with States and in NCDC
- **After Action Review meetings** held after every large outbreak
- **Supply chain support** to states with medical consumables, PPEs etc.



SORMAS for digital surveillance



- Completed fully in 15 states
- Ensures case-based information on infectious diseases
- Support from NCDC through training, mentorship, data and human resource
- **Goal: To deploy SORMAS in all states in Nigeria by Q1 2020**

National Reference Laboratory



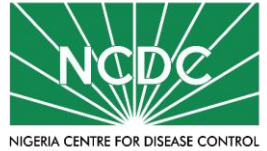
- Operationalized in May 2017
- Capacity to test for all epidemic prone diseases in Nigeria
- Central laboratory for National AIDS Impact Indicator Survey
- Capacity for differential diagnosis for monkeypox and Lassa fever
- Capacity for genetic sequencing
- Large biorepository

Antimicrobial Resistance

- **National guideline for AMR surveillance** developed
- Contribution to **Global Antimicrobial Resistance Surveillance System**
- Nigeria participates in **external quality assurance** programmes
- NCDC supporting laboratories with consumables, reagents
- **Recipient of Fleming fund grant for AMR surveillance strengthening, Fleming Fellowship**
- **Fleming Fund Regional Grant**



Infection Prevention and Control



- **National training manual** for IPC in Nigeria developed in 2018
- **Extensive training of health workers** in major treatment centres and health facilities on IPC
- **Turn Nigeria Orange project** launched in 2019 to promote IPC in health facilities in Nigeria
- Ongoing support to strengthen **major treatment centres** and establish **new special centre** in UATH Gwagwalada



NCDC Announces the launch of the

Turn Nigeria Orange PROJECT

WORLD HAND HYGIENE DAY
May 5, 2019

#TurnNigeriaOrange
#InfectionPrevention #HandHygiene #healthforall



HAND HYGIENE CHAMPION FOR NIGERIA
Senator Olanrewaju Tejuosho
Chairman of the Senate Committee on Health



Risk communications



- **Information, Education and Communication materials** developed for all epidemic prone diseases
- Regular and proactive engagement on **traditional and social media**
- **Support to state health educators** for risk communications campaigns in states and LGAs
- Weekly dissemination of **situation reports** during outbreaks, **weekly epidemiological reports** and **monthly disease updates**



Regular communication with the public



WEEKLY EPIDEMIOLOGICAL REPORT **WEEK 31**: Strong Partnerships to Prevent **Epidemics in Nigeria**

Editorial.

The Nigeria Centre for Disease Control (NCDC) has a strong network of partners that support the agency in the delivery of its mandate to protect the health of Nigerians. Since 2017, NCDC has been collaborating with Resolve to Save Lives (RTSL), an initiative of Vital Strategies, to prevent epidemics in Nigeria. On the 5th of August 2019, the collaboration between NCDC and RTSL was formally launched in Abuja, Nigeria.

The image shows a screenshot of the NCDC Twitter profile. The profile name is **NCDC** (@NCDCgov), located in Abuja, Nigeria, with a website link to ncdc.gov.ng. The bio states: "The official Twitter account of the Nigeria Centre for Disease Control. visit: ncdc.gov.ng for more." It shows 337 following and 20.9K followers. A pinned tweet from August 12, 2019, reads: "Catch up with our press release on #YellowFever: THE NCDC IS AWARE OF A SUSPECTED OUTBREAK OF YELLOW FEVER IN EBONYI STATE. Read more via: ncdc.gov.ng/news/189/the-n-.."



Support from IANPHI



Support from IANPHI

Funding and technical support for:

- IMPACT Training for 23 mid-level managers
- Risk communications and media training for NCDC staff
- Development of sample transportation guidelines
- Scientific writing training
- Kick off of the NCDC Library with audio-visual supplies





Collaboration with other NPHIs

Robert Koch Institute Germany



NCDC @NCDCgov · Jan 29

Today we hosted a team from [@rki_de](#) as we begin plans for the implementation of a joint project on surveillance of Hepatitis (HEV), Antimicrobial Resistance (AMR) and Infection Prevention and Control (IPC).



Public Health England

- Building national capacity for **emergency preparedness and response**
- Enhancing national **surveillance** systems (SitAware, WER)
- Enhancing public health **laboratory** networks (NRL)
- Supporting **workforce development and capacity building**





US Centers for Disease Control

- Strengthening of **national surveillance systems** (SORMAS, MSERS, EBS)
- Improvement of **laboratory capacity** (multiplex, biorepository etc)
- Strengthening of **programme management capacities** (Fellowships, training)
- **Workforce development** (Advanced NFELTP)



Why we need strong NPHIs

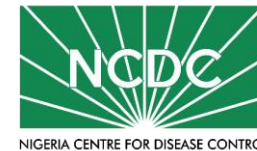


1. A public health event can go from local to global very rapidly
2. Global health security can only be assured by local health protection
3. A strong surveillance & response system, managed by a skilled public health workforce, organized in a national public health institute is needed in every country
4. Partnerships matter more than ever before
5. Vulnerability for one is vulnerability for all

Our promise is to:



“ _____
***be a world-class, science based
organisation with the competence to
protect the Nigerian people from the
threats from diseases of public health
importance*** _____ ***”***



THANK YOU