



Nigeria Centre for Disease Control

Protecting the health of Nigerians

Nigeria Cholera Surveillance Structure

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Standard case definitions

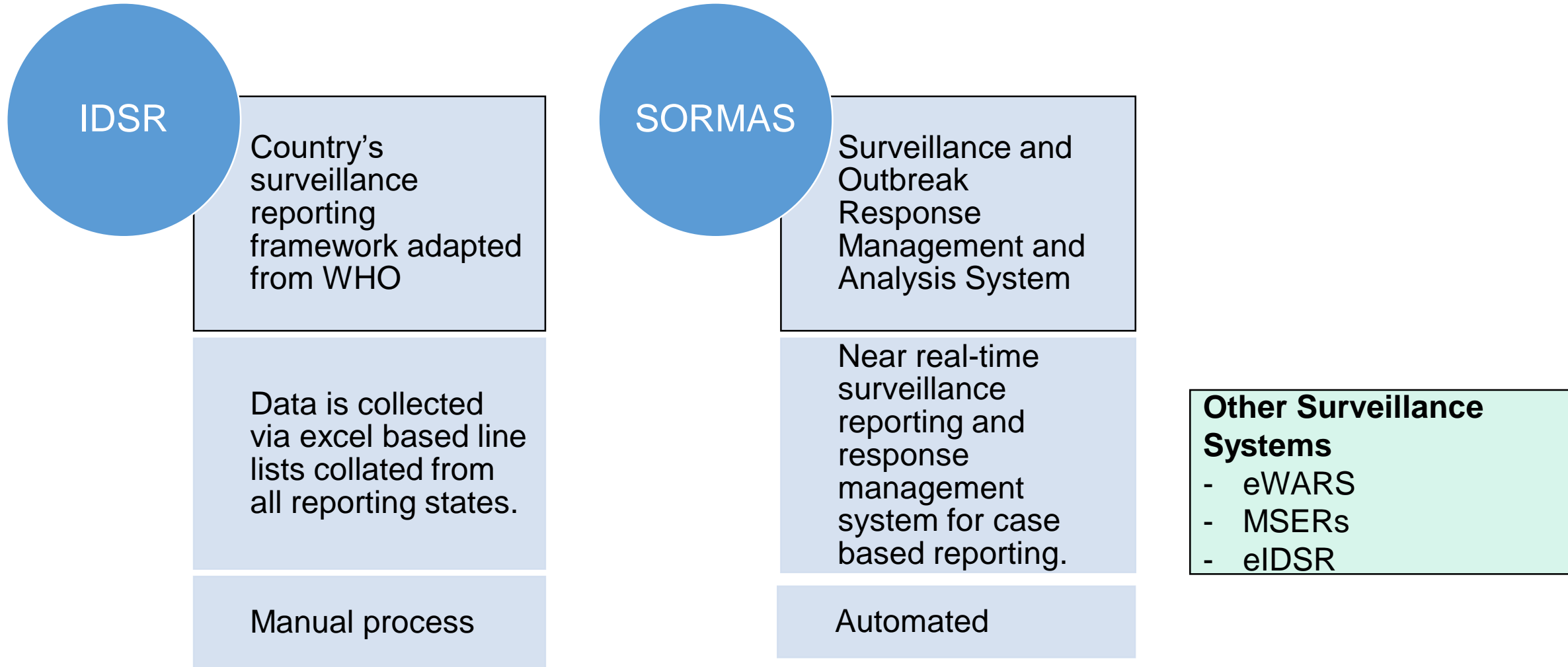
Cholera Community Case: Any person 2years and above with lots of watery diarrhoea

Cholera Suspected Case: Any patient aged ≥ 2 years presenting with acute watery diarrhoea and severe dehydration or dying from acute watery diarrhoea with or without vomiting.

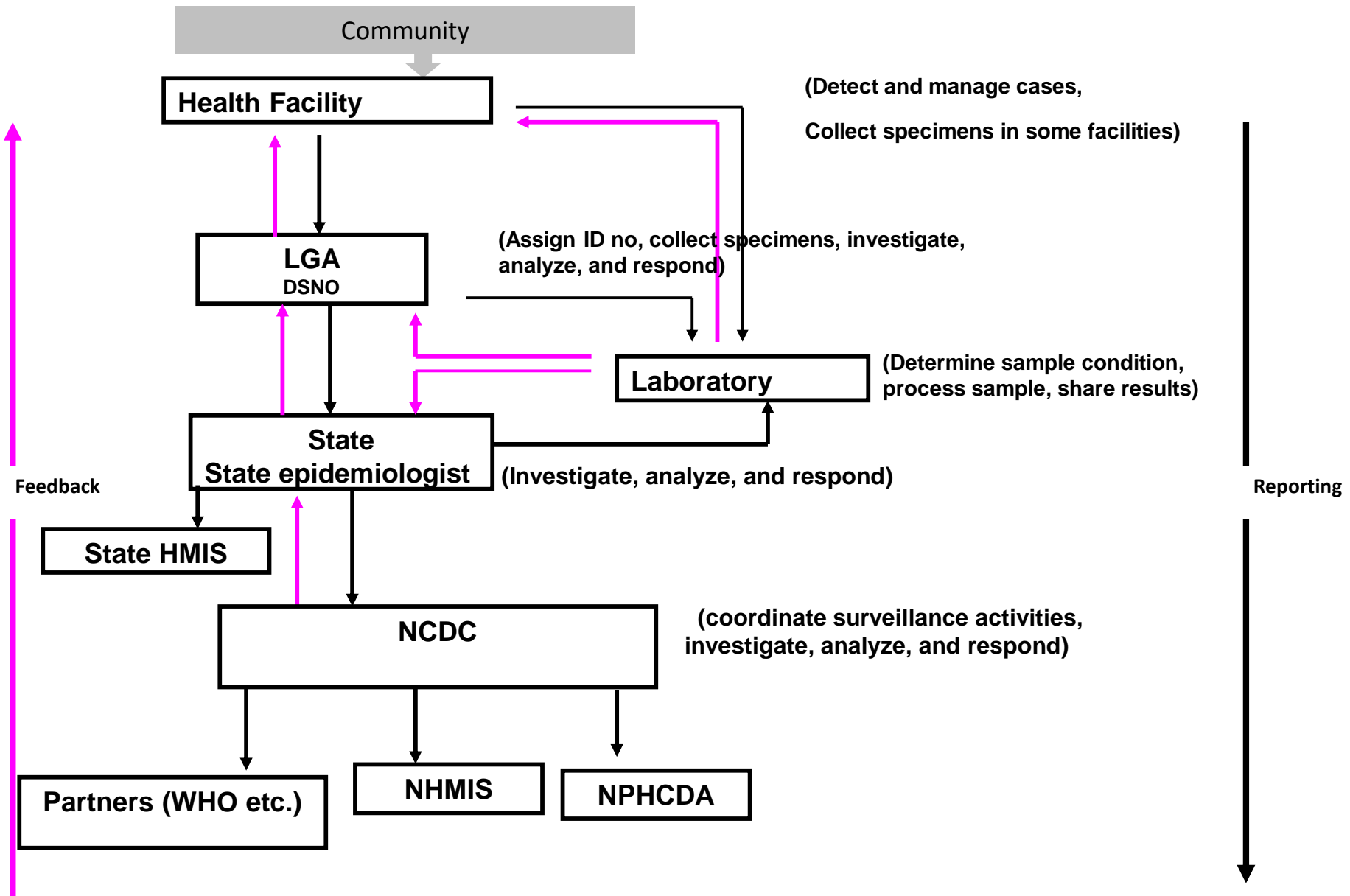
In areas where a Cholera outbreak is declared, any person presenting with or dying from acute watery diarrhoea with or without vomiting

Cholera Confirmed Case: A suspected case in which *Vibrio cholerae* O1 or O139 has been isolated from the stool by culture.

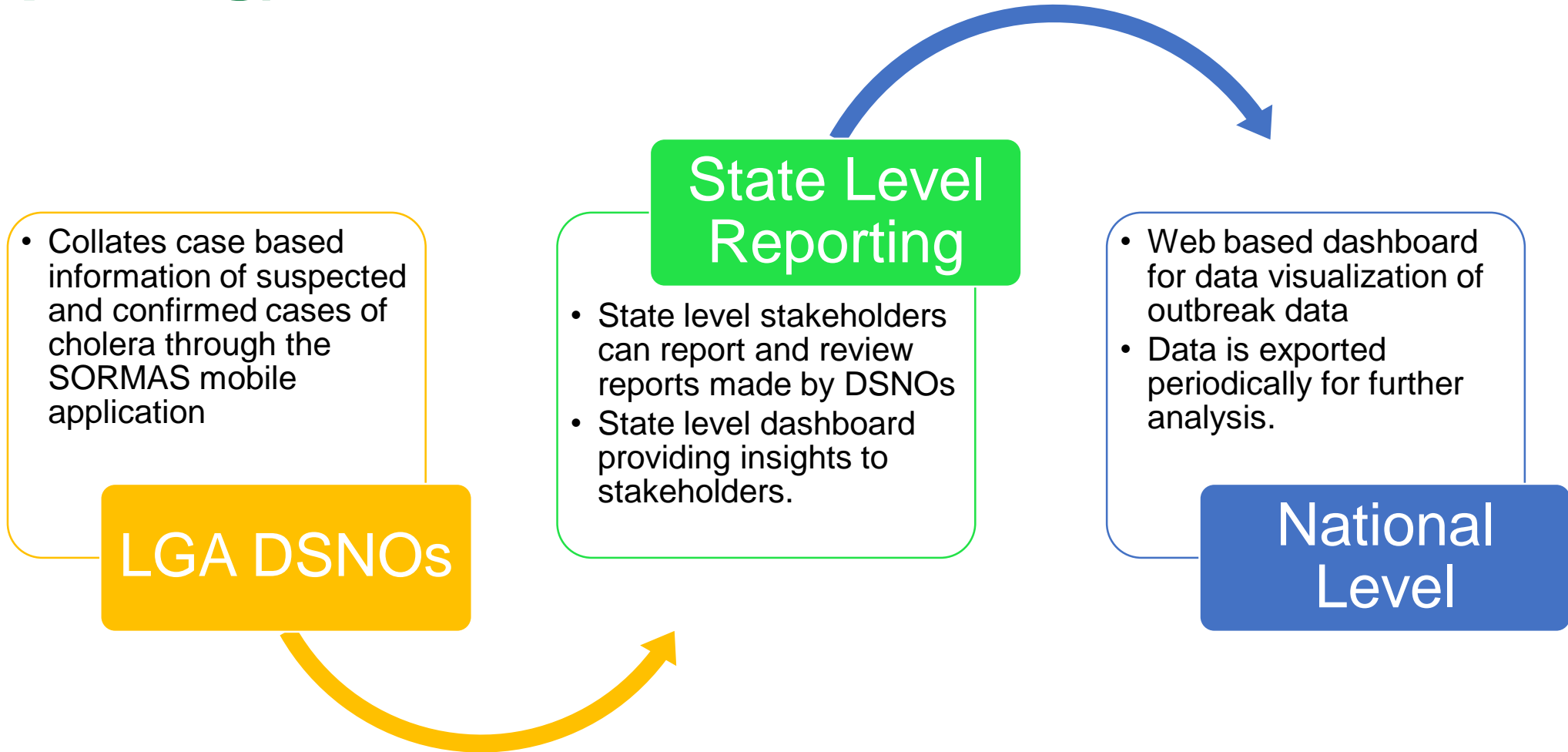
Cholera Surveillance Data Systems Framework



IDSR data flow in Nigeria



SORMAS Data Flow (Cased based reporting)



State ▼

Today

Yesterday

This week

Last week

This year

Last year

01/01/18 - 15/04/19 ▼



Hide overview

slide show

CHOLERA

CSM

DENGUE

EVD

LASSA

MEASLES

MONKEYPOX

NEW FLU

PLAGUE

YELLOW FEVER

OTHER

3283 New Cases



CFR 3.05%
Case Fatality Rate

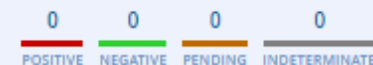
100 ▲
Fatalities

0 Outbreak Districts

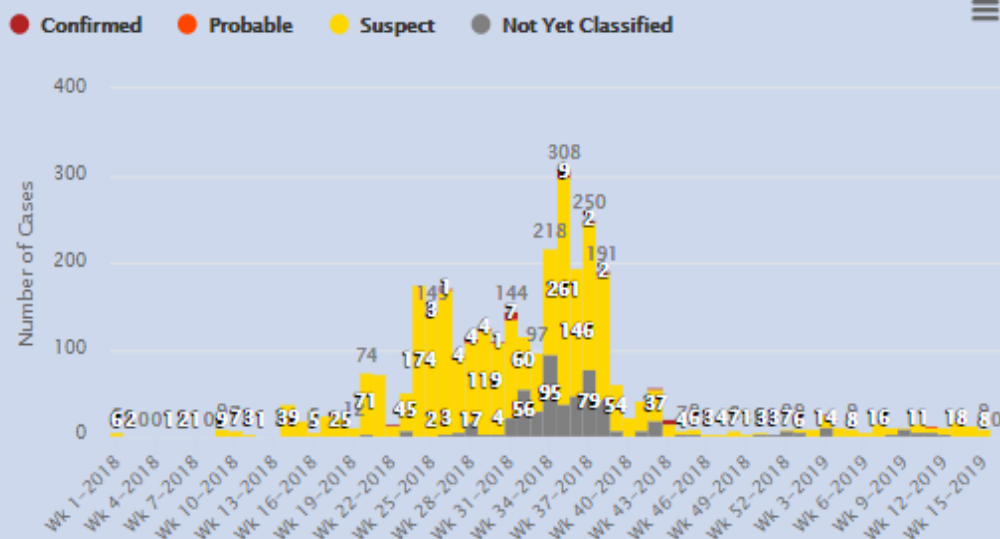
24 New Events



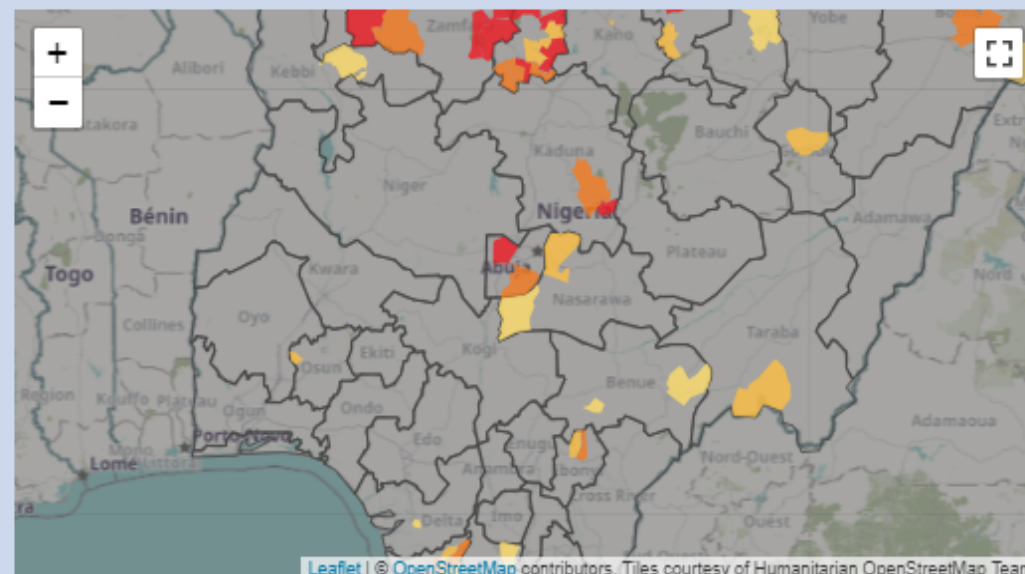
0 New Test Results



Epidemiological Curve



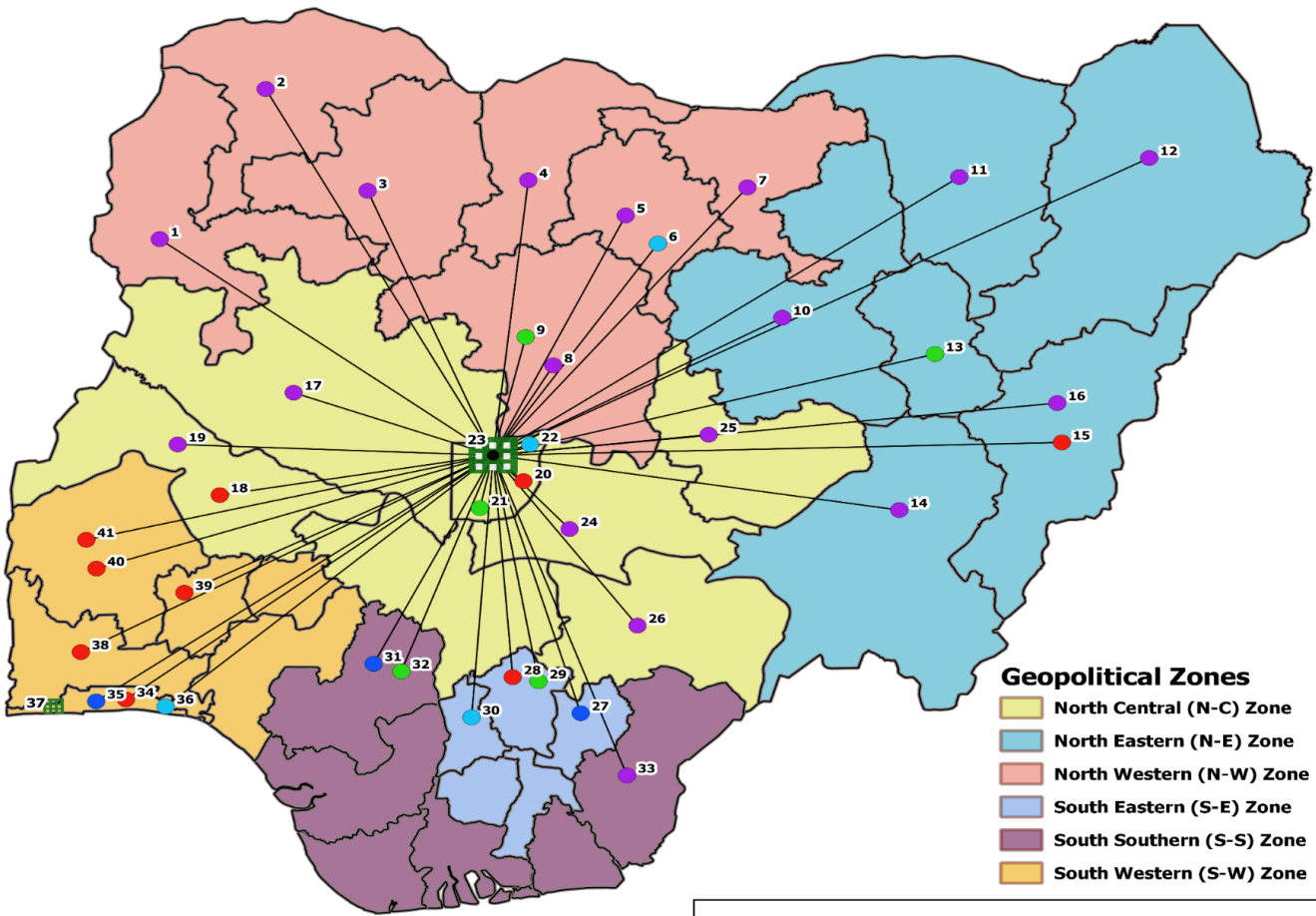
Case Status Map



GROUPING ▼ CASE_STATUS ALIVE_OR_DEAD

MAP KEY ▼ LAYERS ▼

NCDC LABORATORY NETWORK



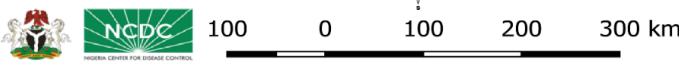
LEGEND

Laboratories

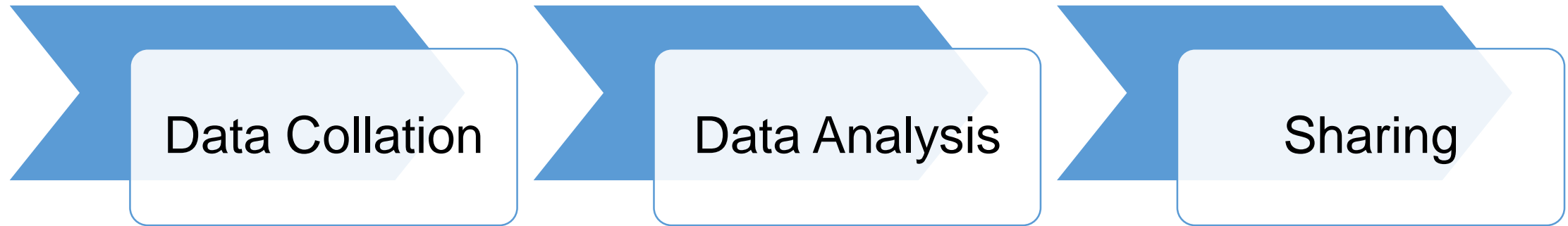
- AMR
- CSM/Cholera
- Influenza
- Lassa/VHF
- Yellow Fever/Measles/ Rubella

- CPHL, Yaba
- NRL, Gaduwa
- State Boundary

Ref. ID	Name	State	Cluster
1	Sir Yahaya Memorial Hospital, Birnin Kebbi	Kebbi	CSM/Cholera
2	Public Health Laboratory, Sokoto	Sokoto	CSM/Cholera
3	Ahmad Sani Yarima Bakura Specialist Hospital, Gusau	Zamfara	CSM/Cholera
4	State Public Health Laboratory, Katsina	Katsina	CSM/Cholera
5	Infectious Disease Hospital, Kano	Kano	CSM/Cholera
6	Aminu Kano Teaching Hospital, Kano (Sentinel Site)	Kano	Influenza
7	Rasheed Shakoni Specialist Hospital, Dutse	Jigawa	CSM/Cholera
8	Yusuf Dantsoho Hospital, Kaduna	Kaduna	CSM/Cholera
9	Yusuf Dantsoho Hospital, Kaduna	Kaduna	Yellow Fever/Measles/ Rubella
10	Abubakar Tafawa Balewa Teaching Hospital, Bauchi	Bauchi	CSM/Cholera
11	General Hospital, Damaturu	Yobe	CSM/Cholera
12	University of Maiduguri Teaching Hospital, Maiduguri	Borno	CSM/Cholera
13	State Specialist Hospital, Gombe	Gombe	Yellow Fever/Measles/ Rubella
14	State Specialist Hospital, Jalingo	Taraba	CSM/Cholera
15	Federal Medical Centre, Jalingo	Taraba	AMR
16	General Hospital, Yola	Adamawa	CSM/Cholera
17	General Hospital, Minna	Niger	CSM/Cholera
18	University of Ilorin Teaching Hospital, Ilorin	Kwara	AMR
19	General Hospital, Ilorin	Kwara	CSM/Cholera
20	National Hospital, Abuja	FCT	AMR
21	Maitama District Hospital, Abuja	FCT	Yellow Fever/Measles/ Rubella
22	Asokoro District Hospital, Abuja (Sentinel Site)	FCT	Influenza
23	NCDC National Reference Laboratory (NRL), Gaduwa, Abuja	FCT	Yellow Fever/Measles/ Rubella, CSM/Cholera, Lassa/VHF, Influenza, Monkeypox
24	General Hospital, Lafia	Nasarawa	CSM/Cholera
25	Plateau General Hospital, Jos	Plateau	CSM/Cholera
26	Federal Medical Centre, Makurdi	Benue	CSM/Cholera
27	Federal Teaching Hospital, Abakaliki	Ebonyi	Lassa/VHF
28	University of Nigeria Teaching Hospital (UNTH), Enugu	Enugu	AMR
29	University of Nigeria Teaching Hospital (UNTH), Enugu	Enugu	Yellow Fever/Measles/ Rubella
30	Nnamdi Azikiwe University Teaching Hospital, Nnewi (Sentinel Site)	Anambra	Influenza
31	Irrua Specialist Teaching Hospital, Irrua	Edo	Lassa/VHF
32	University of Benin Teaching Hospital, Benin	Edo	Yellow Fever/Measles/ Rubella
33	Cross River General Hospital, Calabar	Cross River	CSM/Cholera
34	Lagos University Teaching Hospital (LUTH), Microbiology Laboratory, Idiaraba	Lagos	AMR
35	Lagos University Teaching Hospital (LUTH) Virology Laboratory, Idiaraba	Lagos	Lassa/VHF
36	Lagos State University Teaching Hospital (LASUTH), Ikeja (Sentinel Site)	Lagos	Influenza
37	Central Public Health Laboratory (CPHL), Yaba	Lagos	YF/Measles/Rubella, CSM/Cholera
38	Babcock University Teaching Hospital, Ilisha-remo	Ogun	AMR
39	Obafemi Awolowo University Teaching Hospital, Ile-Ife	Osun	AMR
40	Ladoko Akintola University Teaching Hospital, Ogbomosho	Oyo	AMR
41	University College Hospital, Ibadan	Oyo	AMR



Data Pipeline



Data Collation

Data Analysis

Sharing

Data is collated from health facility level, through LGAs and state level to the national level (NCDC)

The data is reviewed and analysed for decision making at both state and national levels

After analysis, information gotten from the data is shared with relevant stakeholders, FMOH, partners and feedback given to the states.

Indicators, Challenges and next steps in cholera reporting

Indicators

- Timeliness of reporting
- Completeness of data
- Consistency of reporting

Challenges

- Quality of data received from states- timeliness, completeness
- Delay in transition from excel based reporting to automated- SORMAS
- Linking consistent laboratory confirmation of cases to data reporting
- Logistics challenges in case investigation in states

Next Steps

- Scale up use of SORMAS
- Capacity building of LGA and state DSNOs

Thank you

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