



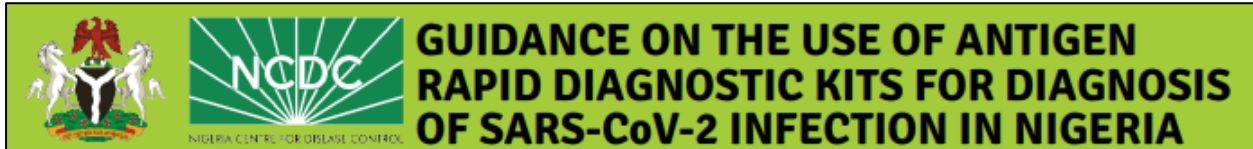
Nigeria Centre for Disease Control
Protecting the health of Nigerians

Weekly Epidemiological Report

Week 1: 4th – 10th January 2021

Highlight of the Week

Optimising SARS-CoV-2 testing capacity: NCDC pilots use of SARS-CoV-2 RDT in Nigeria



Since the first case of coronavirus disease (COVID-19) was reported in Nigeria in February 2020, the Nigeria Centre for Disease Control (NCDC) has continued to lead public health response activities. With the evolution of the pandemic and scientific guidance for response activities, NCDC has continued to introduce diverse response measures. One critical priority for the response, is scale up of access to testing.

As part of measures to scale up access to testing, NCDC has worked with States and partners to establish walk-in sites for sample collection, increase communications around testing and activate at least one testing laboratory in every state and the Federal Capital Territory (FCT). Timely access to testing is critical for early diagnosis, effective case management and prompt tracing of likely contacts thereby limiting spread of the virus.

A major challenge in the COVID-19 response is the long turnaround time for testing, using the molecular polymerase chain reaction (PCR) method. The World Health Organisation has recently granted emergency use authorisation for Rapid Diagnostic Test (Ag-RDTs) kits, produced by Abott and SD-Biosensor.

In line with the above, NCDC carried out a national validation of these test kits and has now approved its inclusion in the country's COVID-19 testing strategy. The use of these approved Ag-RDTs is limited to congregate settings such as camps, workplace, health facilities to triage patients etc. Given the limitations of these Ag-RDTs, molecular PCR remains the gold standard for testing.

The NCDC has begun a pilot use of the approved Ag-RDTs in five selected health facilities in FCT, Nigeria. The overall goal is to assess the cost effectiveness of implementing antigen detecting SARS-CoV-2 rapid diagnostic tests and use lessons learnt to scale-up to other health facilities across Nigeria. The pilot involved training of healthcare workers on detection, sample collection, packaging, transportation, testing and data collection.

The proper use of Ag-RDTs is expected to improve the national testing capacity by supporting the existing network of COVID-testing laboratories. We urge states and other public and private institutions to leverage on this plan, by ensuring appropriate use in the right settings. More information on the use of Ag-RDTs can be found [here](#).

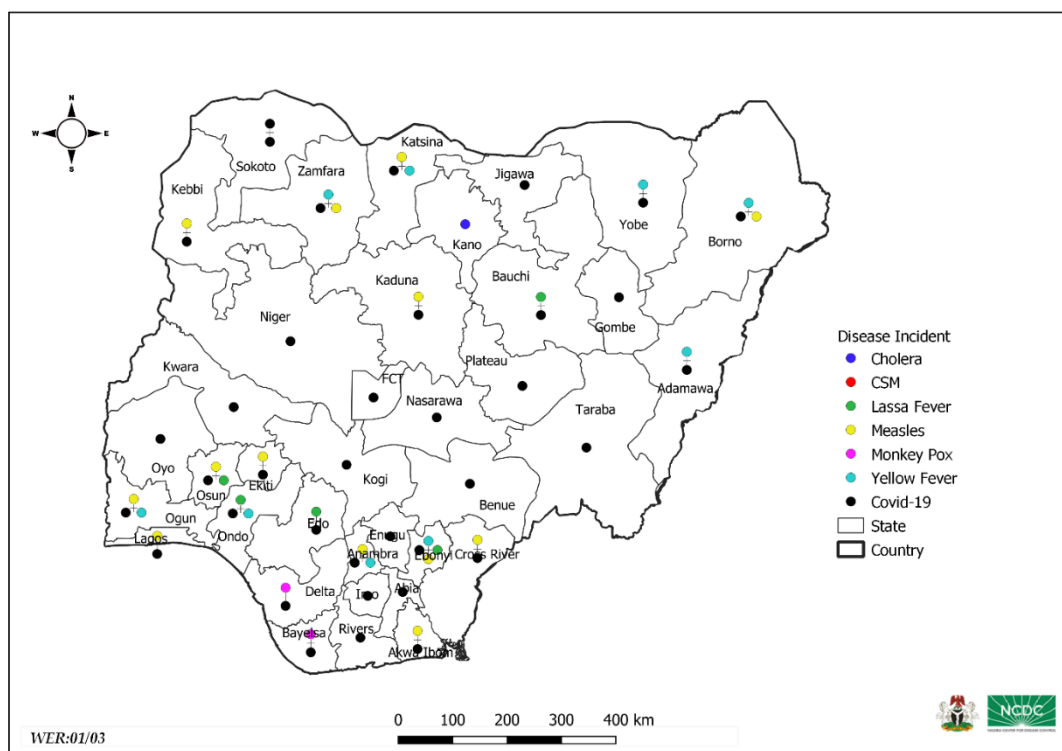
Summary of Incidents

Ongoing incidents

2

Ongoing incidents are defined as confirmed cases where a national EOC or equivalent has been activated (EOC is currently activated for COVID-19 and Yellow fever)

Other incidents are those with confirmed cases for which EOC is not activated



Data Source: SITAware

Summary

Week 1: 4th – 10th January 2021

(Coronavirus Disease as at 24th January 2021)

Lassa Fever _{1,2}	Cerebrospinal Meningitis (CSM) _{3,4}	Yellow Fever _{3,4}
109 Suspected case(s)	0 Suspected case(s)	17 Suspected case(s)
9 Confirmed case(s)	0 Confirmed case(s)	0 Confirmed case(s)
2 Death(s)	0 Death(s)	0 Death(s)
Cholera _{3,4}	Measles _{3,4}	Monkeypox _{1,4}
0 Suspected case(s)	131 Suspected case(s)	3 Suspected case(s)
0 Confirmed case(s)	0 Confirmed case(s)	1 Confirmed case(s)
0 Death(s)	0 Death(s)	0 Death(s)
Acute Flaccid Paralysis (AFP) _{3,4}	National Sentinel influenza surveillance ₅	Coronavirus Disease as at week 2 ₂
46 Suspected case(s)	15 Suspected case(s)	1,273,083 Suspected case(s)
0 Confirmed case(s)	0 Confirmed case(s)	121,566 Confirmed case(s)
		1,504 Death(s)

Timeliness of reports ₃	Completeness of reports ₃
100% Last 4 weeks	100% Last 4 weeks
100% Year to date	100% Year to date

Notes

- Information for this disease was retrieved from the Technical Working Group and Situation Reports
- Case Fatality Rate (CFR) for this disease is reported for confirmed cases only
- Information for this disease was retrieved from IDSR 002 data
- CFR for this disease is reported for total cases i.e. suspected + confirmed
- Information for sentinel influenza was retrieved from the laboratory

Lassa Fever

Week 1

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
109	9	2	State: 7 LGA: 12

Year to date (week 1 – 52)

Suspected cases		Confirmed cases		Deaths		CFR	
2020	2021	2020	2021	2020	2021	2020	2021
98	109	18	9	2	2	11.1%	22.2%

Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, Weeks 1 – 52, 2021

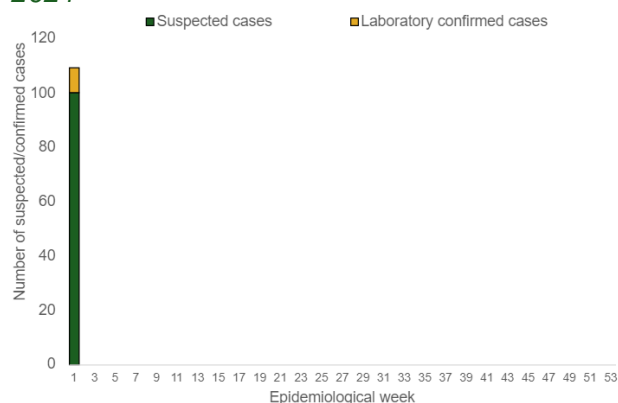
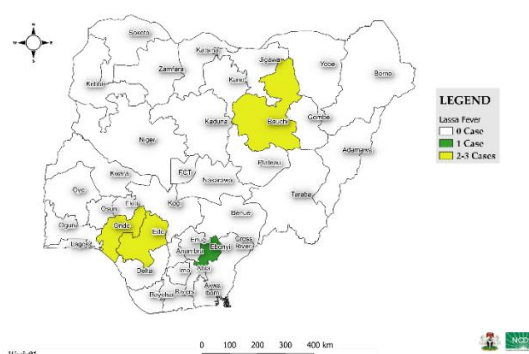


Figure 2: Location of **confirmed** cases of Lassa Fever by State, Nigeria, week 1, 2021



Key points

- There were 109 suspected cases, nine were laboratory confirmed and two deaths were recorded from four states

Actions

To date:

- The National multisectoral Lassa fever Emergency Operations Centre (EOC) was activated to coordinate response activities across states
- State Public Health Emergency Operations Centre activated in affected states

Planned:

- Continue mobilisation of resources
- Finalise Lassa fever five-year strategic plan

Cerebrospinal Meningitis (CSM)

Week 1

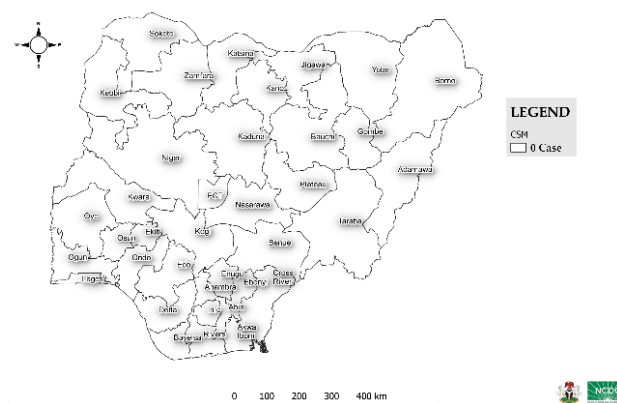
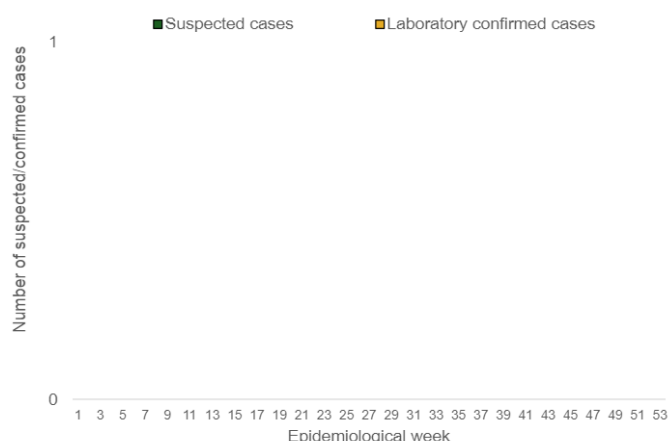
Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
0	0	0	State: 0 LGA: 0

Year to date (week 1 – 52)

Suspected cases		Confirmed cases		Deaths		CFR	
2020	2021	2020	2021	2020	2021	2020	2021
10	0	0	0	1	0	10%	0%

Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, weeks 1 – 52, 2021

Figure 4: Location of suspected cases of CSM by State, Nigeria, week 1, 2021



Key points

- There were no suspected cases of Cerebrospinal Meningitis (CSM) reported this week

Actions

To date:

- National CSM TWG meets weekly to review reports from states and plan appropriately
- Enhanced surveillance in all states

Planned:

- Continue harmonisation of the national line list and SORMAS data
- Continue to ensure that states reporting cases send their line lists and collect CSM samples

Yellow Fever

Week 1

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
17	0	0	State: 10 LGA: 14

Year to date (week 1 – 52)

Suspected cases		Confirmed cases		Deaths		CFR	
2020	2021	2020	2021	2020	2021	2020	2021
19	17	0	0	0	0	0%	0%

Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, weeks 1 – 52, 2021

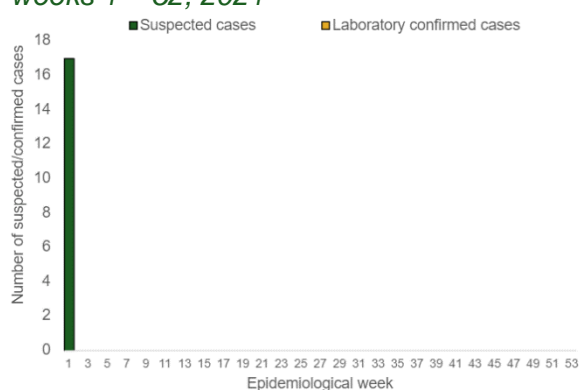
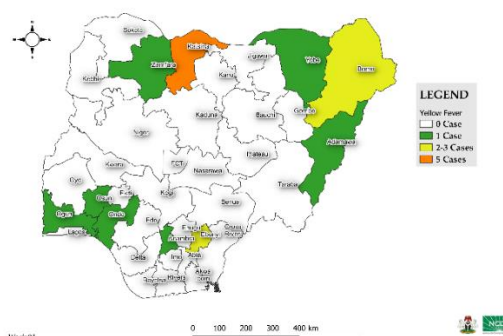


Figure 6: Location of suspected cases of Yellow Fever by States, Nigeria, week 1, 2021



Key points

- There were 17 suspected cases of Yellow Fever (YF) reported from 14 LGAs in 10 states. None was laboratory confirmed and no death was recorded

Actions

To date:

- National YF multi-partner Emergency Operations Centre (EOC) continues to coordinate response activities across States
- Daily monitoring and analysis of surveillance data across the country to guide response activities
- Concluded Accelerated Preventive Mass Vaccination (PMVC) Campaign in Enugu, Delta and PMVC in Bauchi State

Planned:

- Continue implementation of the Incident Action Plan (IAP) and mobilise required resources for the outbreak response
- Continue to support affected states across all pillars of response
- Continue harmonisation of surveillance and laboratory data ongoing

Cholera

Week 1

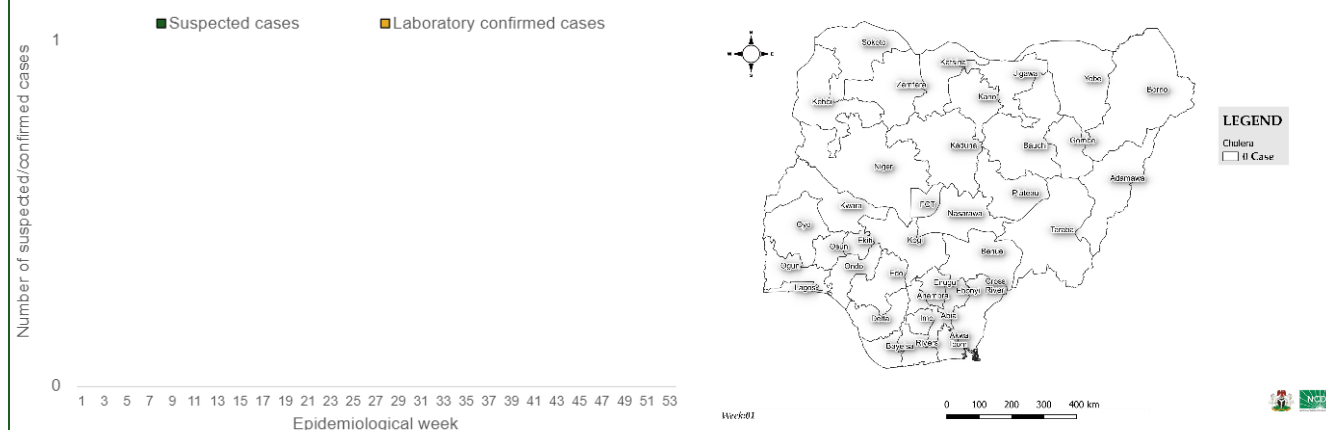
Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
0	0	0	State: 0 LGA: 0

Year to date (week 1 – 52)

Suspected cases		Confirmed cases		Deaths		CFR	
2020	2021	2020	2021	2020	2021	2020	2021
33	0	0	0	2	0	6.1%	0%

Figure 7: Number of suspected and confirmed cases of Cholera, Nigeria, weeks 1 – 52, 2021

Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 1, 2021



Key points

- There were no cases of Cholera reported this week

Actions

To date

- National Cholera Multi-Sectoral Technical Working Group (TWG) is monitoring all states and supporting affected states

Planned:

- Continue follow up and monitoring of non-reporting states
- Continue harmonisation of the national line list and SORMAS data

Measles

Week 1

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
131	0	0	State: 13 LGA: 42

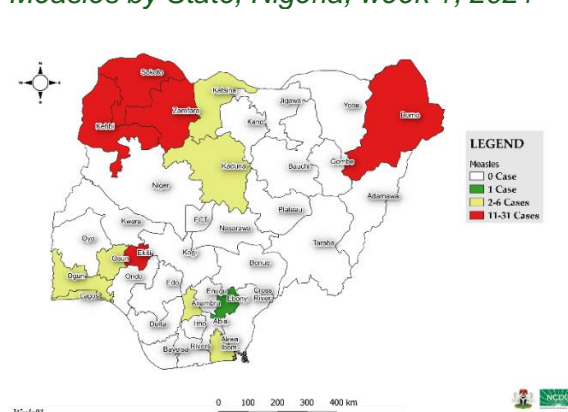
Year to date (week 1 – 52)

Suspected cases	Confirmed cases	Deaths	CFR
2020 2021	2020 2021	2020 2021	2020 2021
183 131	0 0	0 0	0% 0%

Figure 9: Number of suspected and confirmed cases of Measles, Nigeria, weeks 1 – 52, 2021



Figure 10: Location of suspected cases of Measles by State, Nigeria, week 1, 2021



Key points

- There were 131 suspected cases of Measles reported from 42 LGAs in 13 States. There was no laboratory confirmed case and no death was recorded

Actions

To date

- National Measles TWG is closely monitoring measles surveillance data and providing feedback to relevant agencies and development partners
- Weekly surveillance and laboratory data harmonisation ongoing

Planned:

- Intensify follow up with states to update and transmit line list
- Continue monthly measles surveillance data review

Monkeypox

Week 1

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
3	1	0	State: 2 LGA: 2

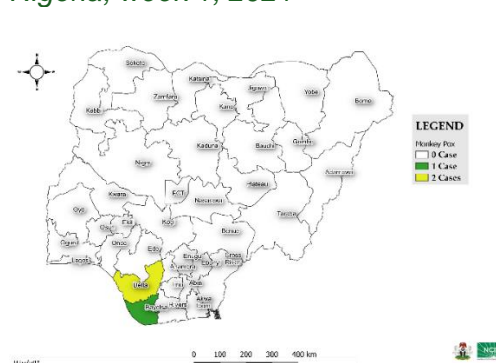
Year to date (week 1 – 52)

Suspected cases		Confirmed cases		Deaths		CFR	
2020	2021	2020	2021	2020	2021	2020	2021
1	3	0	1	0	0	0%	0%

Figure 11: Number of suspected and confirmed cases of Monkeypox, Nigeria, weeks 1 – 52, 2021



Figure 12: Location of suspected cases of Monkeypox by State, Nigeria, week 1, 2021



Key points

- There were three suspected cases of Monkeypox reported from two LGAs in two States (Bayelsa – 1 & Delta – 2)
-

Actions

To date

- National Monkeypox Technical Working Group (TWG) is monitoring activities in all states

Planned:

- Enhance surveillance for monkeypox in high burden states
- Continue harmonisation of the national line list and SORMAS data

Acute Flaccid Paralysis (AFP)

Week 1

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
46	0	0	State: 21 + FCT LGA: 41

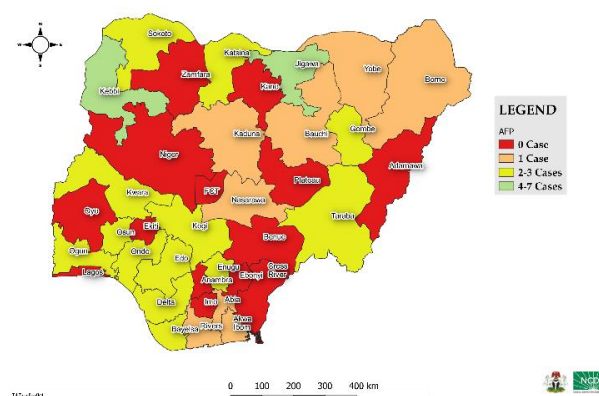
Year to date (week 1 – 52)

Suspected cases	Confirmed cases	Deaths	CFR
2020 2021	2020 2021	2020 2021	2020 2021
31 46	0 0	0 0	0% 0%

Figure 13: Number of suspected and confirmed cases of AFP, Nigeria, weeks 1 – 52, 2021



Figure 14: Location of suspected cases of AFP by State, Nigeria, week 1, 2021



Key points

- There were 46 suspected cases of AFP reported from LGAs in 21 States. None was laboratory confirmed and no death was recorded

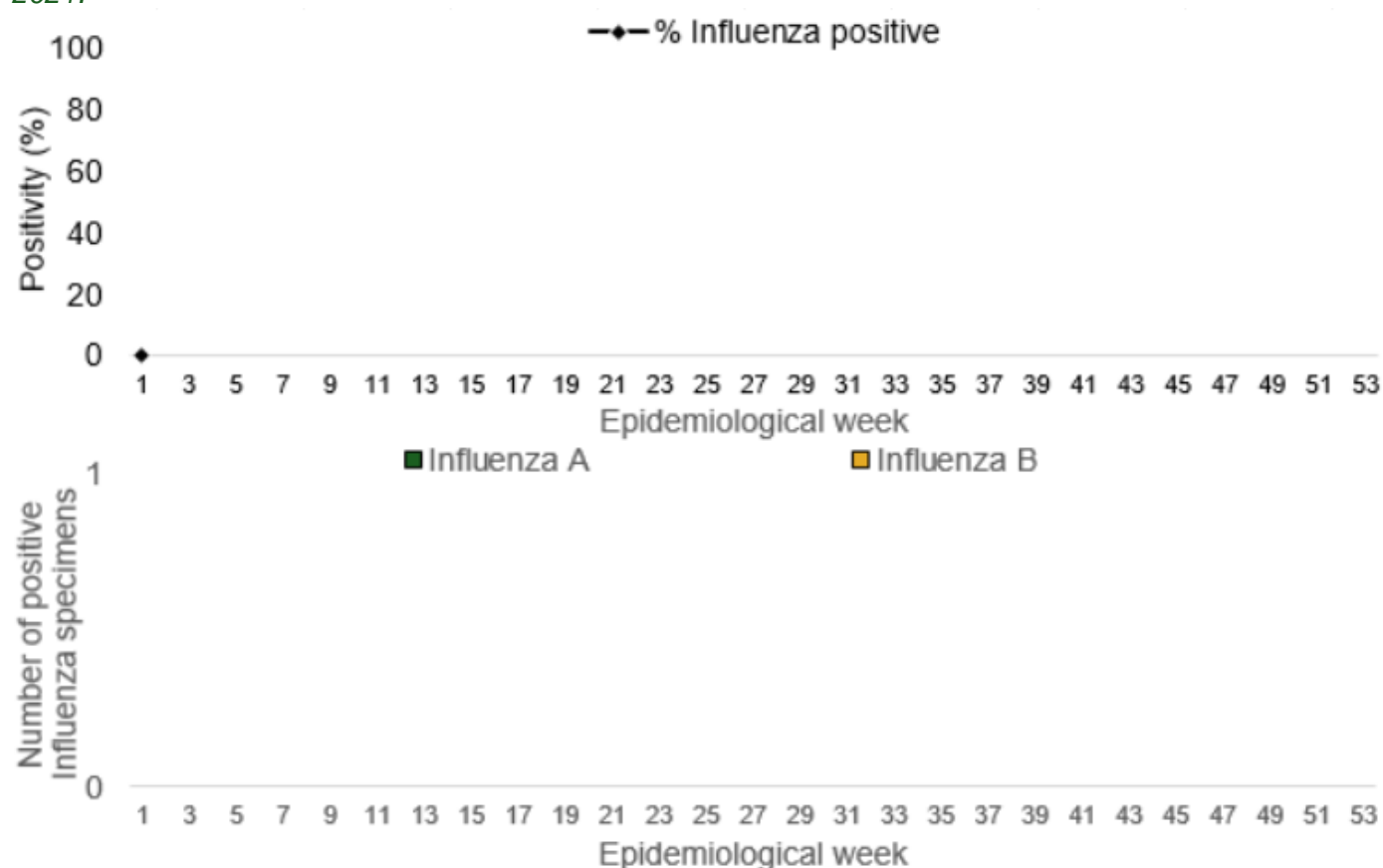
National Influenza Sentinel Surveillance

Year to date (week 1 – 52)

	Suspected cases	Suspected ILI	Suspected SARI
Number (Percentage)	15	15 (100%)	0 (0%)

	Confirmed cases		Confirmed ILI		Confirmed SARI	
	Influenza A	Influenza B	Influenza A	Influenza B	Influenza A	Influenza B
Number	0	0	0	0	0	0
Positivity (%)	0%	0%	0%	0%	0%	0%

Figure 15: Number of influenza positive specimens by type and percent positive by epidemiological week, 2021.



Coronavirus Disease (COVID-19)

As at week 3

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
1,273,083	121,565	1,504	State: LGA:

Figure 15: Epidemic curve of confirmed cases of COVID-19, Nigeria, week 1, 2020 – 3, 2021

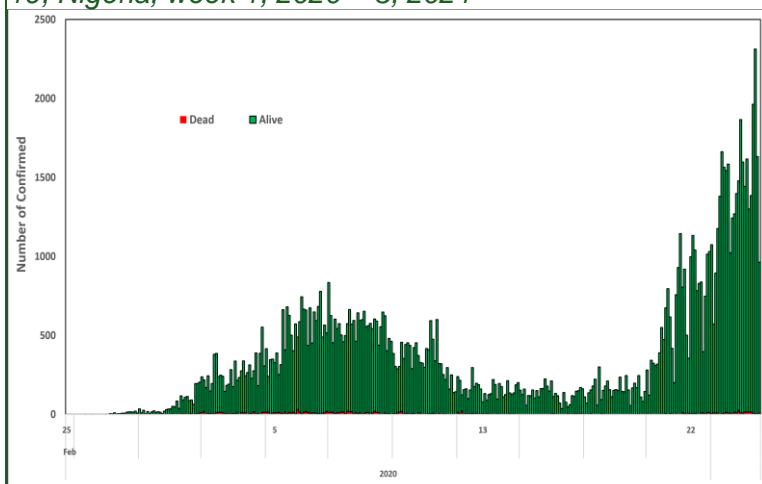
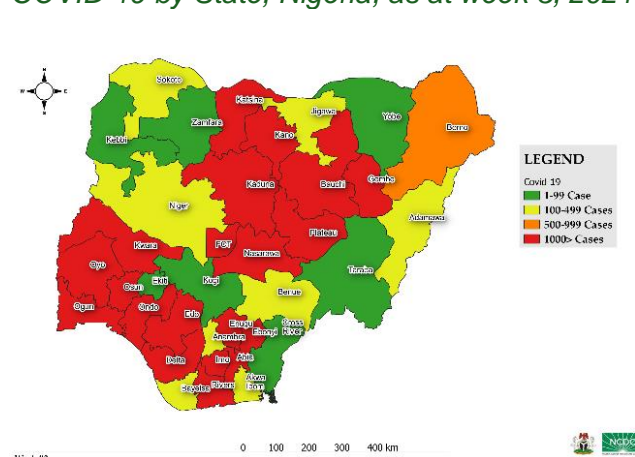


Figure 16: Location of **confirmed** cases of COVID-19 by State, Nigeria, as at week 3, 2021



Actions

To date:

- National COVID-19 multi-partner Emergency Operations Centre (EOC) continues to coordinate response activities across States
- Published and disseminated the updated COVID-19 case definition to stakeholders
- Intensified follow up with States to collect data on cases and contacts
- Trained healthcare workers on IPC in Nasarawa State
- Supported National Primary Health Care Development Agency (NPHCDA) with sensitization of religious leaders and civil society organisations (CSOs) on planned vaccination

Planned:

- Deploy additional Rapid Response Teams to support States
- Finalise Local Government Area (LGA)/State transmission categorisation
- Support supervisory visits to private laboratories in FCT

Timeliness and Completeness of Reports

Week 1

Figure 16: A – Timeliness by State (%); B – Completeness by State (%), week 1, 2021



Number of reports received on time, late or not received, the percentage timeliness and completeness, in the last 4 weeks and year to date

Nigeria Total Reports	Week 1 Week 1	Year to date Week 1 – 52
Reports sent on time	37	37
Reports sent late	0	0
Reports not received	0	0
Timeliness	100%	100%
Completeness	100%	100%

States with reports not received in 2021 (week 1 – 52)

State	Week(s) report not received

Timeliness and Completeness of Reports by State

Year to date (week 1 – 52)

State	Timeliness (%)	Completeness (%)
Abia	100	100
Adamawa	100	100
Akwa Ibom	100	100
Anambra	100	100
Bauchi	100	100
Bayelsa	100	100
Benue	100	100
Borno	100	100
Cross River	100	100
Delta	100	100
Ebonyi	100	100
Edo	100	100
Ekiti	100	100
Enugu	100	100
FCT	100	100
Gombe	100	100
Imo	100	100
Jigawa	100	100
Kaduna	100	100
Kano	100	100
Katsina	100	100
Kebbi	100	100
Kogi	100	100
Kwara	100	100
Lagos	100	100
Nasarawa	100	100
Niger	100	100
Ogun	100	100
Ondo	100	100
Osun	100	100
Oyo	100	100
Plateau	100	100
Rivers	100	100
Sokoto	100	100
Taraba	100	100
Yobe	100	100
Zamfara	100	100