



Nigeria Centre for Disease Control
Protecting the health of Nigerians

Weekly Epidemiological Report

Week 31: 2nd – 8th August, 2021

Highlight of the Week

VALIDATING NIGERIA'S NATIONAL MULTI-HAZARD PUBLIC HEALTH EMERGENCY PREPAREDNESS AND RESPONSE PLAN



Given the population density, tropical climate and increasing migrations, Nigeria is particularly vulnerable to large outbreaks and other public health emergencies such as flood, fire, humanitarian crisis, etc. The wide scope of these emergencies has highlighted the need to develop a National Multi-Hazard Public Health Emergency Preparedness and Response Plan (NMPHEPRP) to link all relevant sectors pre-, during and post emergencies. In line with this, in 2018, the Nigeria Centre for Disease Control (NCDC) supported by the World Health Organization (WHO) AFRO and WHO Country Office initiated the process of developing a NMPHEPRP.

The first step towards having a NMPHEPRP was the hazard profiling and Vulnerability and Risk Assessment Mapping (VRAM) across 18 selected states in six geo-political zones in Nigeria. The findings revealed specific hazards and risks which were prioritised. Following this, the NCDC in conjunction with partners conducted two stakeholders meeting which provided a unique opportunity for all stakeholders to make inputs and develop NMPHEPRP by integrating plans across key sectors.

To ensure an all-inclusive plan (prior to publication and implementation) that captures all aspects of public health emergencies without leaving any gap, the NCDC in June 2021 constituted a project planning group to enable validation of the plan. To achieve this, a workshop on table-top exercise to test NMPHEPRP was convened in August 2021 and this was supported by the WHO, Public Health England (PHE), relevant Ministries, Departments and Agencies (MDAs). The workshop objectives were to:

1. Update knowledge and awareness of processes, arrangements and procedures contained within the National Public Health Multi-Hazard Emergency Preparedness Plan
2. Discuss and confirm roles and responsibilities of responding agencies as detailed in the National Public Health Multi-Hazard Emergency Preparedness Plan
3. Assess clarity of guidance on procedures of multi-sectoral decision making, command-and-control structures, communications, concept of operations and Incident Management System articulated in the plan

Key outputs from the meeting were validated multi-sectoral multi-hazard plan, improved knowledge and familiarization of participating MDAs with the multi-hazard plan and, clarity and guidance on procedures elucidated in the plan, and strengthened multi-sectoral collaboration among participating MDAs.

At the end of the workshop, the objectives were met and the plan was validated and adopted. We are grateful to all stakeholders for their inputs to this national reference document. It is expected that the plan will guide and provide a high level, unifying multi-sectoral, strategic framework for public health emergency preparedness and response for infectious and non-infectious hazards in Nigeria.

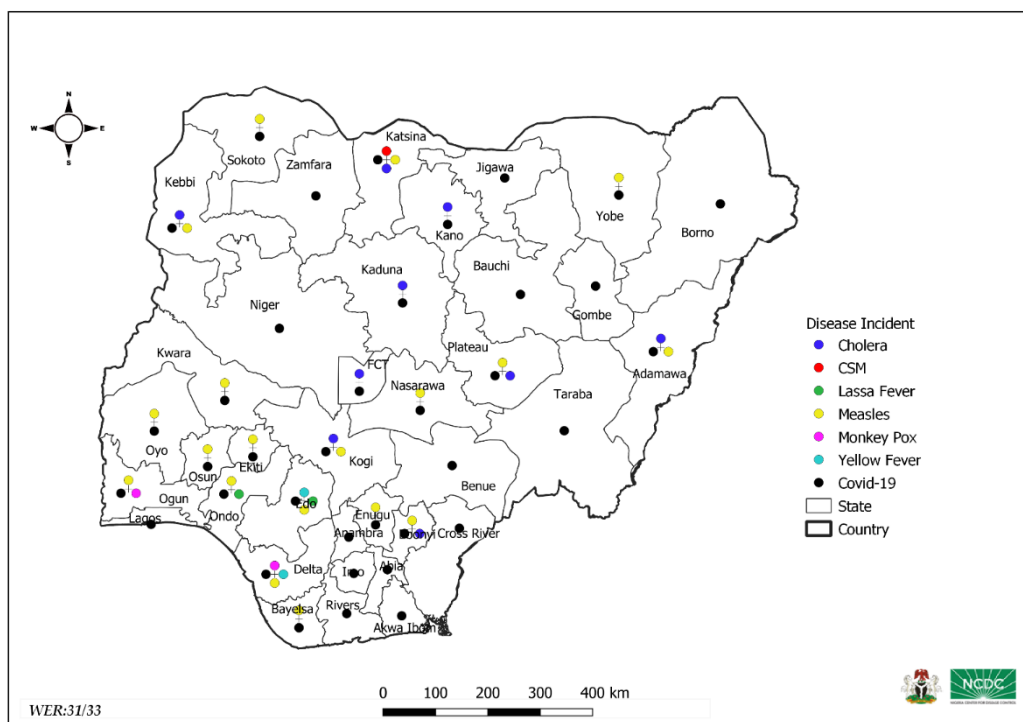
Summary of Incidents

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 Cholera)

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



Summary

Week 31: 2nd – 8th August, 2021

Note: Coronavirus Disease is from outbreak onset till week 31 2021: 22nd August, 2021)

| Lassa Fever _{1,2} | Cerebrospinal Meningitis (CSM) _{3,4} | Yellow Fever _{3,4} |
|--|---|--|
| 65 Suspected case(s) | 1 Suspected case(s) | 24 Suspected case(s) |
| 4 Confirmed case(s) | 0 Confirmed case(s) | 0 Confirmed case(s) |
| 1 Death(s) | 0 Death(s) | 0 Death(s) |
| Cholera _{3,4} | Measles _{3,4} | Monkeypox _{1,4} |
| 2156 Suspected case(s) | 117 Suspected case(s) | 1 Suspected case(s) |
| 0 Confirmed case(s) | 0 Confirmed case(s) | 1 Confirmed case(s) |
| 101 Death(s) | 0 Death(s) | 0 Death(s) |
| Acute Flaccid Paralysis (AFP) _{3,4} | National Sentinel influenza surveillance ₅ | Coronavirus Disease as at week 33 ₁ |
| 88 Suspected case(s) | 0 Suspected case(s) | 2,727,834 Suspected case(s) |
| 0 Confirmed case(s) | 0 Confirmed case(s) | 187,023 Confirmed case(s) |
| | | 2,268 Death(s) |

| Timeliness of reports ₃ | Completeness of reports ₃ |
|------------------------------------|--------------------------------------|
| 89.9% Last 4 weeks | 100% Last 4 weeks |
| 94.8% Year to date | 100% Year to date |

Notes

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

Lassa Fever

Week 31

| Suspected cases | Confirmed cases | Deaths | Number of States and LGAs affected |
|-----------------|-----------------|--------|------------------------------------|
| 65 | 4 | 1 | State: 7 LGA: 15 |

Year to date (week 1 – 31)

| Suspected cases | | Confirmed cases | | Deaths | | CFR | |
|-----------------|------|-----------------|------|--------|------|-------|-------|
| 2020 | 2021 | 2020 | 2021 | 2020 | 2021 | 2020 | 2021 |
| 5438 | 2686 | 1054 | 350 | 220 | 68 | 20.9% | 19.4% |

Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, Weeks 1 – 31, 2021

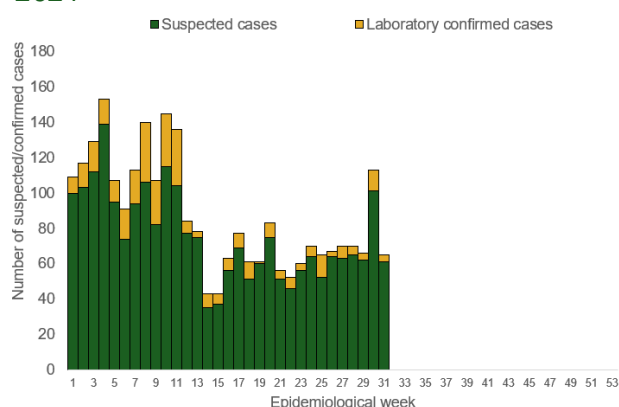
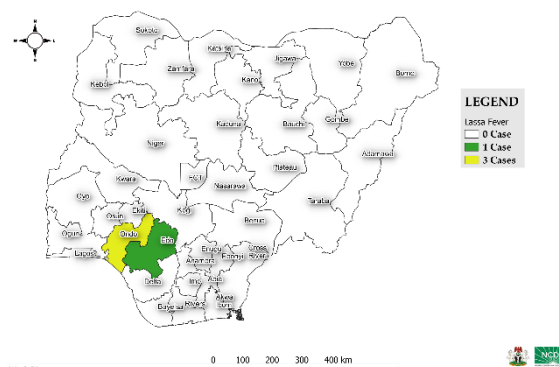


Figure 2: Location of **confirmed** cases of Lassa Fever by State, Nigeria, week 31, 2021



Key points

- There were 65 suspected cases, four were laboratory confirmed and one death was recorded from 15 LGAs in seven states

Actions

To date:

- Conducted 2021 Lassa fever (LF) high burden states preparedness/response engagement meeting
- Dissemination of reviewed case management and safe burial practices guidelines
- Ensured all five LF molecular laboratories in the NCDC network are working at full capacity for timely testing of samples with reduced turnaround time

Planned:

- Finalise LF five-year strategic plan

Cerebrospinal Meningitis (CSM)

Week 31

| Suspected cases | Confirmed cases | Deaths | Number of States and LGAs affected |
|-----------------|-----------------|--------|------------------------------------|
| 1 | 0 | 0 | State: 1 LGA: 1 |

Year to date (week 1 – 31)

| Suspected cases | | Confirmed cases | | Deaths | | CFR | |
|-----------------|------|-----------------|------|--------|------|------|-------|
| 2020 | 2021 | 2020 | 2021 | 2020 | 2021 | 2020 | 2021 |
| 499 | 171 | 11 | 11 | 9 | 3 | 1.8% | 1.75% |

Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, weeks 1 – 31, 2021

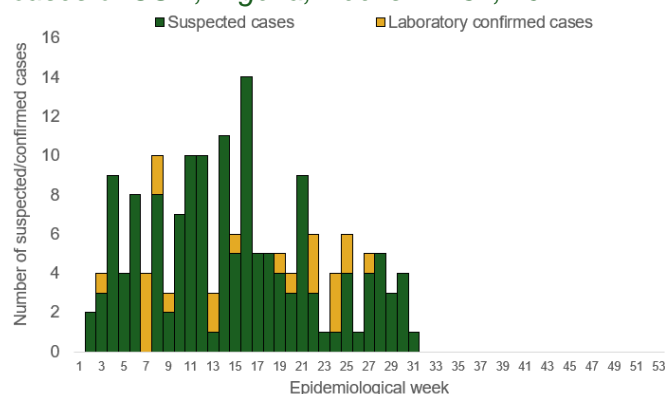
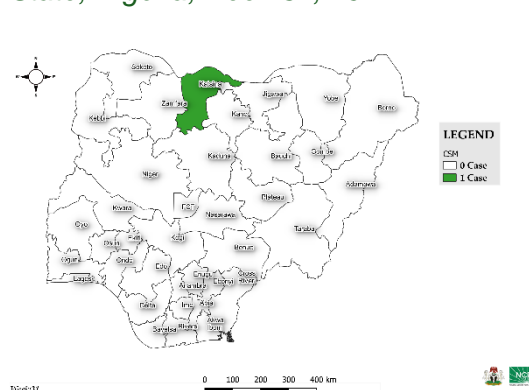


Figure 4: Location of suspected cases of CSM by State, Nigeria, week 31, 2021



Key points

- There was one suspected case of cerebrospinal meningitis (CSM) reported from Katsina LGA in Katsina state. It was not laboratory confirmed and no death was recorded.

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 31

| Suspected cases | Confirmed cases | Deaths | Number of States and LGAs affected |
|-----------------|-----------------|--------|------------------------------------|
| 24 | 0 | 0 | State: 9 LGA: 20 |

Year to date (week 1 – 31)

| Suspected cases | | Confirmed cases | | Deaths | | CFR | |
|-----------------|-------|-----------------|------|--------|------|------|------|
| 2020 | 2021 | 2020 | 2021 | 2020 | 2021 | 2020 | 2021 |
| 1448 | *1410 | 13 | *48 | 0 | *4 | 0% | 0.3% |

*Outbreak data added to routine data

Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, weeks 1 – 31, 2021

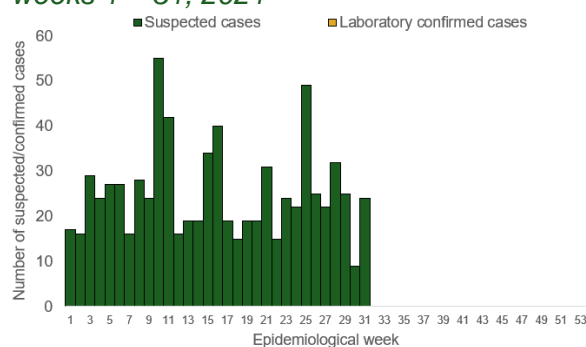
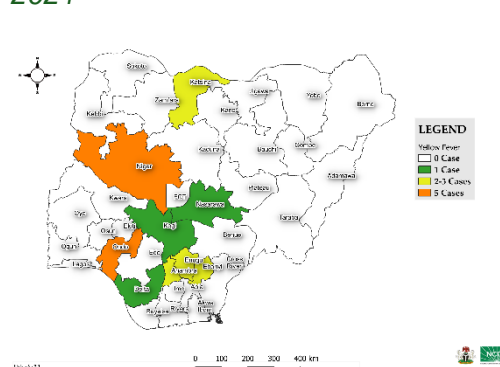


Figure 6: Location of suspected cases of Yellow Fever by States, Nigeria, week 31, 2021



Key points

- There were 24 suspected cases of Yellow Fever (YF) reported from 20 LGAs in nine states. None were laboratory confirmed and no death was recorded

Actions

To date:

- National YF multi-partner Technical Working Group (TWG) continues to coordinate activities across states.
- Daily monitoring and analysis of surveillance data across the country to guide response activities
- Commenced yellow fever testing for the South-East and South-South at University of Nigeria Teaching Hospital Enugu and University of Benin Teaching Hospital Benin City respectively

Planned:

- Continue implementation of the Incident Action Plan (IAP) and mobilize required resources for yellow fever preparedness
- Develop a protocol to guide response in states/LGAs with YF confirmed cases where vaccination campaigns have been conducted

Cholera

Week 31

| Suspected cases | Confirmed cases | Deaths | Number of States and LGAs affected |
|-----------------|-----------------|--------|------------------------------------|
| 2156 | 0 | 101 | State: 9 & FCT LGA: 81 |

Year to date (week 1 – 31)

| Suspected cases | | Confirmed cases | | Deaths | | CFR | |
|-----------------|-------|-----------------|------|--------|------|------|------|
| 2020 | 2021 | 2020 | 2021 | 2020 | 2021 | 2020 | 2021 |
| 1050 | 39323 | 40 | 269 | 59 | 1149 | 5.6% | 2.9% |

Figure 7: Number of suspected and confirmed cases of Cholera, Nigeria, weeks 1 – 31, 2021

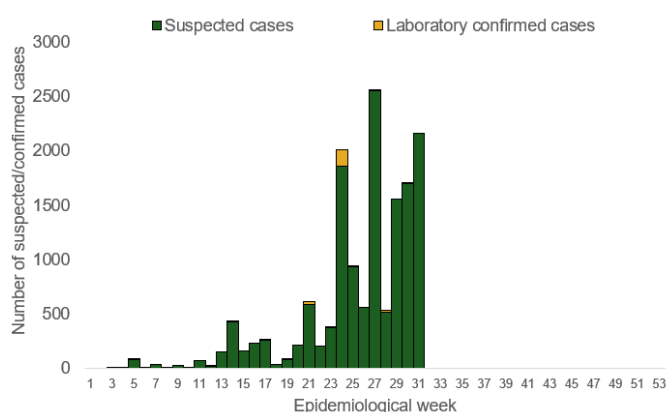
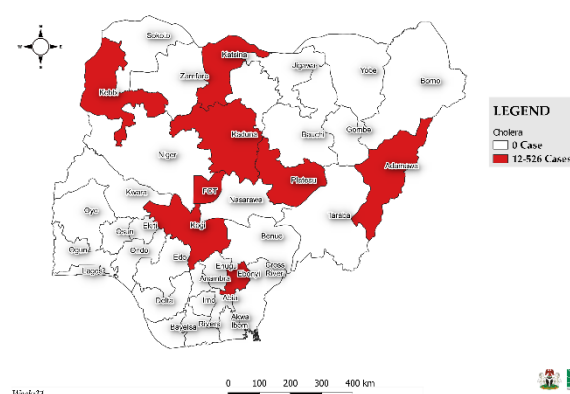


Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 31, 2021



Key points

- There were 2156 suspected cases of cholera reported from 81 LGAs in nine states and FCT. There was no laboratory confirmed case and 101 deaths were recorded

Actions

To date

- National Cholera Multi-Sectoral Technical Working Group (TWG) is monitoring all states and supporting affected states
- National Rapid Response Teams (RRTs) with response commodities were deployed to support the response in all affected states
- Cholera jingles being aired in English and local languages across the country

Planned:

- Continue follow up and monitoring of non-reporting states
- Build capacity for sample collection, transportation, and laboratory diagnosis across states

Measles

Week 31

| Suspected cases | Confirmed cases | Deaths | Number of States and LGAs affected |
|-----------------|-----------------|--------|------------------------------------|
| 117 | 0 | 0 | State: 19 LGA: 58 |

Year to date (week 1 – 31)

| Suspected cases | | Confirmed cases | | Deaths | | CFR | |
|-----------------|--------|-----------------|------|--------|------|------|------|
| 2020 | 2021 | 2020 | 2021 | 2020 | 2021 | 2020 | 2021 |
| 20296 | *17095 | 2063 | *875 | 111 | *203 | 0.5% | 1.2% |

*Outbreak data added to routine data

Figure 9: Number of suspected and confirmed cases of Measles, Nigeria, weeks 1 – 31, 2021

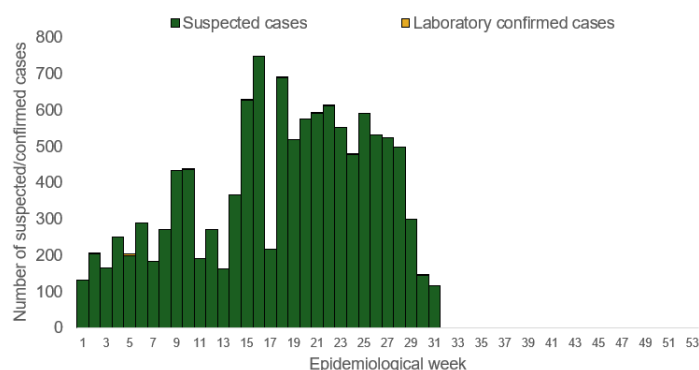
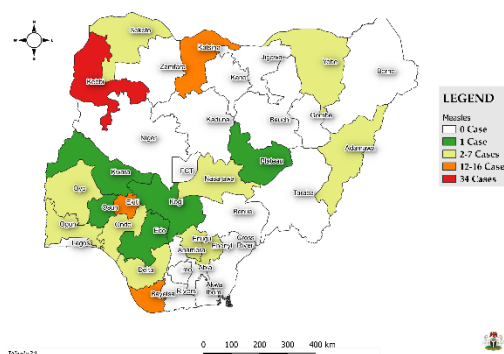


Figure 10: Location of suspected cases of Measles by State, Nigeria, week 31, 2021



Key points

- There were 117 suspected cases of Measles reported from 58 LGAs in 19 states. None were laboratory confirmed 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
- Ongoing weekly surveillance and laboratory data harmonisation

Planned:

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

Monkeypox

Week 31

| Suspected cases | Confirmed cases | Deaths | Number of States and LGAs affected |
|-----------------|-----------------|--------|------------------------------------|
| 1 | 1 | 0 | State: 1 LGA: 1 |

Year to date (week 1 – 31)

| Suspected cases | | Confirmed cases | | Deaths | | CFR | |
|-----------------|------|-----------------|------|--------|------|------|------|
| 2020 | 2021 | 2020 | 2021 | 2020 | 2021 | 2020 | 2021 |
| 21 | 58 | 3 | 19 | 0 | 0 | 0% | 0% |

Figure 11: Number of suspected and confirmed cases of Monkeypox, Nigeria, weeks 1 – 31, 2021

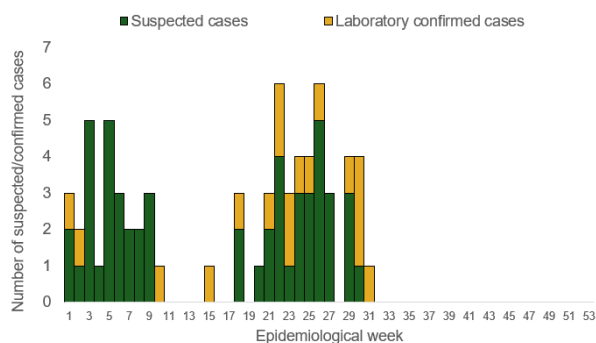
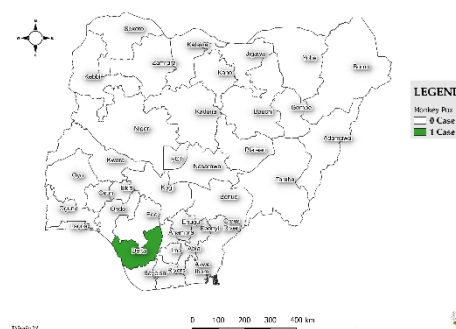


Figure 12: Location of suspected cases of Monkeypox by State, Nigeria, week 31, 2021



Key points

- There was one suspected case of Monkeypox reported in Ughelli LGA in Delta state. There was one laboratory confirmed case and no death was recorded

Actions

To date

- Enhanced Surveillance ongoing in Rivers, Delta and Bayelsa States
- 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 31

| Suspected cases | Confirmed cases | Deaths | Number of States and LGAs affected |
|-----------------|-----------------|--------|------------------------------------|
| 88 | 0 | 0 | State: 23 + FCT LGA: 80 |

Year to date (week 1 – 31)

| Suspected cases | | Confirmed cases | | Deaths | | CFR | |
|-----------------|------|-----------------|------|--------|------|------|------|
| 2020 | 2021 | 2020 | 2021 | 2020 | 2021 | 2020 | 2021 |
| 2679 | 1999 | 0 | 0 | 0 | 0 | 0% | 0% |

Figure 13: Number of suspected and confirmed cases of AFP, Nigeria, weeks 1 – 31, 2021

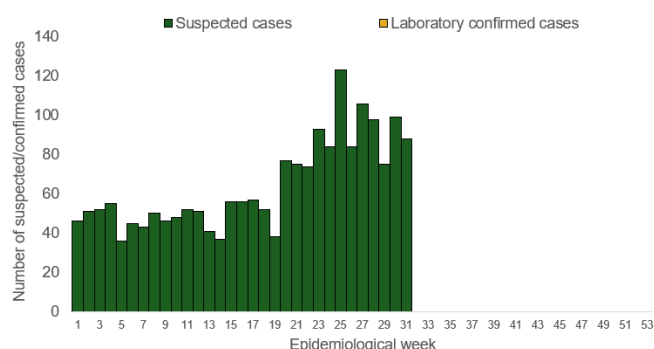
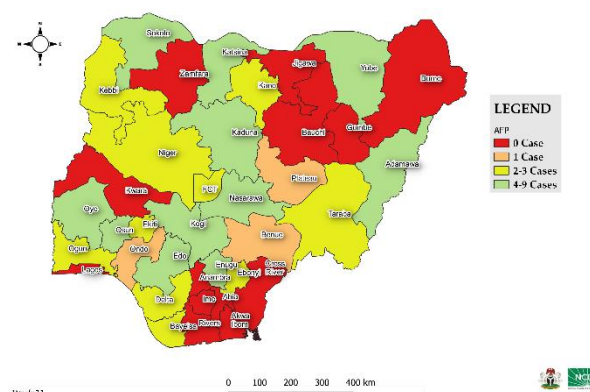


Figure 14: Location of suspected cases of AFP by State, Nigeria, week 31, 2021



Key points

- There were 88 suspected cases of AFP reported from 80 LGAs in 23 states and FCT. None were laboratory confirmed and no death was recorded.

National Influenza Sentinel Surveillance

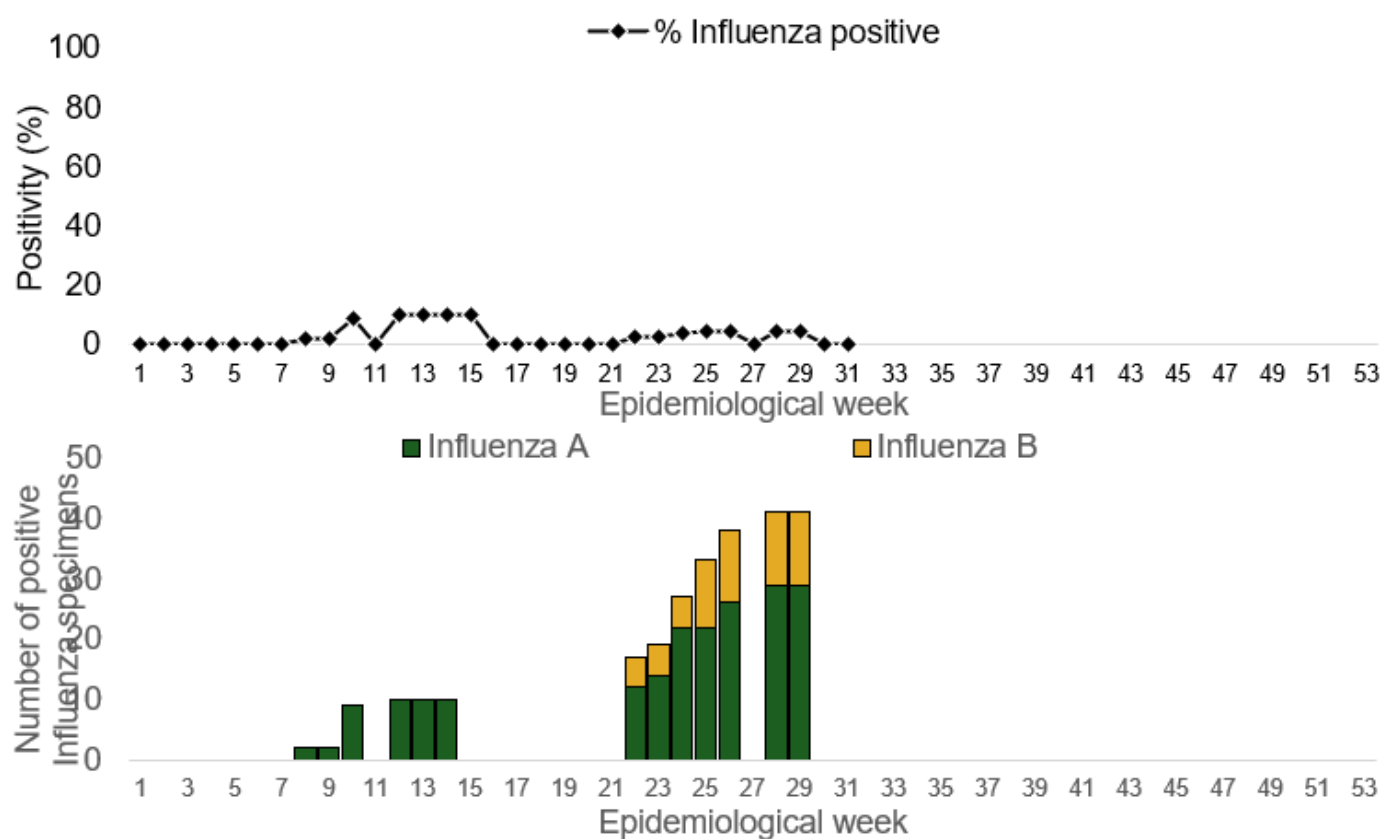
Year to date (week 1 – 31)

| | Suspected cases | Suspected ILI | Suspected SARI |
|------------------------|-----------------|---------------|----------------|
| Number (Percentage) | 901 | 790 (88%) | 111 (12%) |

Week 31

| | 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 percentage positive by epidemiological week, 2021.



Coronavirus Disease (COVID-19)

From outbreak onset (Feb 27 2020) to epi-week 33, 2021

| Suspected cases | Confirmed cases | Deaths | Number of States and LGAs affected |
|-----------------|-----------------|--------|------------------------------------|
| 2,727,834 | 187,023 | 2,268 | State: LGA: |

Figure 16: Epidemic curve of confirmed cases of COVID-19, Nigeria, week 1, 2020 – 33, 2021

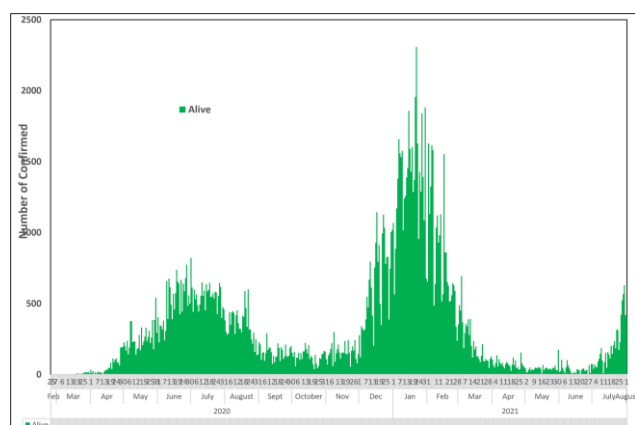
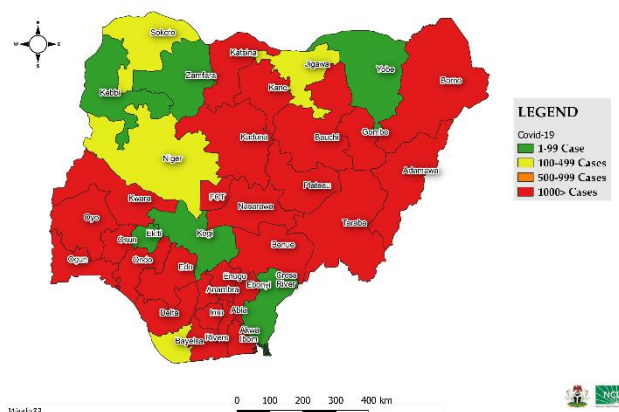


Figure 17: Location of **confirmed** cases of COVID-19 by State, Nigeria, as at week 33, 2021



Actions

To date:

- National COVID-19 multi-partner Emergency Operations Centre (EOC) continues to coordinate response activities across states
- Received donations of ventilators and pulse oximeters from WHO to be distributed to the treatment centres for the management of COVID-19 cases
- Held meeting with relevant stakeholders from South-South region on the Delta variant and the response measures taken so far. This was convened by the Port Health Services (PHS) Special Task Team on COVID-19 for Niger Delta and maritime borders
- Ongoing supportive supervision in National Youth Service Corps (NYSC) orientation camp activities to ensure adherence to COVID-19 protocols

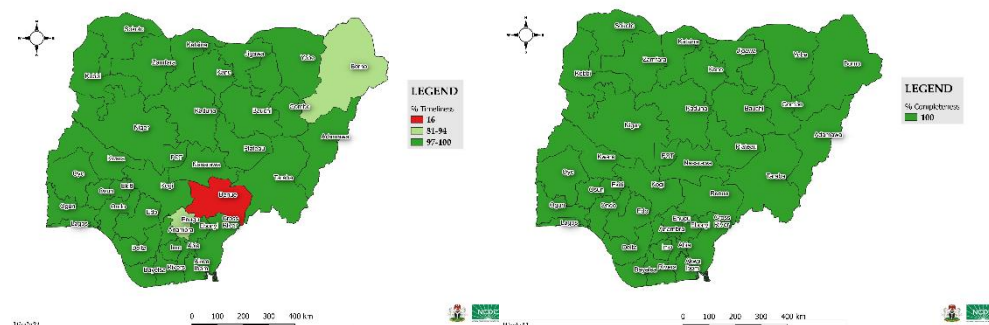
Planned:

- Deploy antigen-based rapid diagnostic test (Ag-RDT) kits and sample collection materials to the selected states
- Intensify genomic surveillance activities

Timeliness and Completeness of Reports

Week 31

Figure 18: A – Timeliness by State (%); B – Completeness by State (%), week 31, 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 | Last 4 Weeks Week 27 – 30 | Year to date Week 1 – 31 |
|-----------------------|------------------------------|-----------------------------|
| Reports sent on time | 133 | 1087 |
| Reports sent late | 15 | 60 |
| Reports not received | 0 | 0 |
| Timeliness | 89.9% | 94.8% |
| Completeness | 100% | 100% |

States with report(s) not received in 2021 (week 31 only)

| State | Week(s) report not received |
|-------|-----------------------------|
| NIL | NIL |

Timeliness and Completeness of Reports by State

Year to date (week 1 – 31)

| State | Timeliness (%) | Completeness (%) |
|-------------|----------------|------------------|
| Abia | 94 | 100 |
| Adamawa | 94 | 100 |
| Akwa Ibom | 100 | 100 |
| Anambra | 100 | 100 |
| Bauchi | 94 | 100 |
| Bayelsa | 100 | 100 |
| Benue | 16 | 100 |
| Borno | 81 | 100 |
| Cross River | 97 | 100 |
| Delta | 100 | 100 |
| Ebonyi | 100 | 100 |
| Edo | 97 | 100 |
| Ekiti | 100 | 100 |
| Enugu | 84 | 100 |
| FCT | 100 | 100 |
| Gombe | 94 | 100 |
| Imo | 97 | 100 |
| Jigawa | 97 | 100 |
| Kaduna | 97 | 100 |
| Kano | 100 | 100 |
| Katsina | 94 | 100 |
| Kebbi | 97 | 100 |
| Kogi | 100 | 100 |
| Kwara | 100 | 100 |
| Lagos | 100 | 100 |
| Nasarawa | 100 | 100 |
| Niger | 100 | 100 |
| Ogun | 100 | 100 |
| Ondo | 97 | 100 |
| Osun | 97 | 100 |
| Oyo | 97 | 100 |
| Plateau | 94 | 100 |
| Rivers | 97 | 100 |
| Sokoto | 100 | 100 |
| Taraba | 100 | 100 |
| Yobe | 97 | 100 |
| Zamfara | 100 | 100 |