Issue: Volume 11 No. 32. 21st August 2020

**Nigeria Centre for Disease Control**

*Protecting the health of Nigerians*

# Weekly Epidemiological Report

## Week 32: 3rd – 9th August 2020

## Highlight of the Week

**Enhancing COVID-19 Response in Nigeria: REDISSE Operational Funding Support to States**

Nigeria is one of many countries that have commenced the gradual easing of lockdown measures initially instituted at the beginning of the COVID-19 pandemic. This is to ensure a balance between preserving lives and livelihoods while addressing the socio-economic disruptions caused by the outbreak. Recently, the federal government also announced the gradual re-opening of international air flights within established parameters. As the response unfolds, it is important to put in place measures to sustain and improve the gains that have been made since the beginning of the outbreak as well as prevent a surge in infections.

The Federal Government of Nigeria through the World Bank Regional Disease Surveillance Systems Enhancement (REDISSE) Project is providing operational funding support of One Hundred Million Naira (N100 million) to each state of the federation and the FCT. This is to fund the incident action plan (IAP) submitted by each state. These IAPs reflect priority response activities across pillars of the public health emergency operation centre (PHEOC) in each state including surveillance, laboratory, risk communication etc. The Nigeria Centre for Disease Control (NCDC) is coordinating the REDISSE project and has supported states through the process of developing these IAPs.

The project will be implemented over the next three months and these prioritised high impact response activities will improve the early detection and management of COVID-19 cases. Some of these include contact tracing; scaling-up sample collection and testing; establishment of triaging stations in health facilities; training of health workers and so on. In addition, NCDC has deployed Technical Advisors to each state to support the successful implementation of this project.

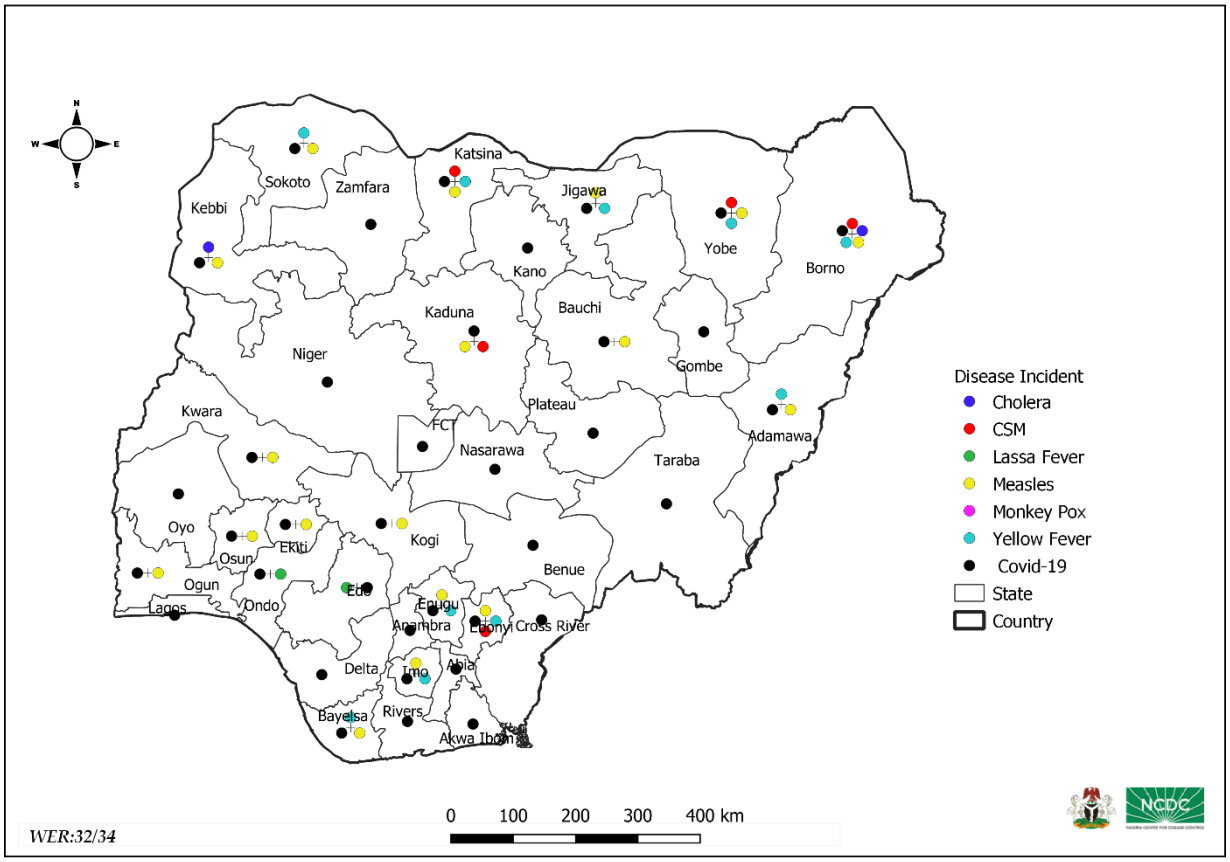
The NCDC remains committed to working with states to strengthen the subnational response to COVID-19 and other infectious diseases in Nigeria.

# Summary of Incidents

| Ongoing incidents |
| --- |
| 1 |

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

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




Data Source: SITAware

**Weekly Epidemiological Report**

**Issue: Volume 11 No. 32. 21st August 2020**

# Summary

## Week 32: 3rd – 9th August 2020 (Coronavirus Disease as at 23rd August 2020)

| Lassa Fever[1,2] | Cerebrospinal Meningitis (CSM)[3,4] | Yellow Fever[3,4] |
|---|---|---|
| 56 Suspected case(s) | 9 Suspected case(s) | 14 Suspected case(s) |
| 6 Confirmed case(s) | 0 Confirmed case(s) | 0 Confirmed case(s) |
| 0 Death(s) | 1 Death(s) | 0 Death(s) |
| **Cholera[3,4]** | **Measles[3,4]** | **Monkeypox[1,4]** |
| 21 Suspected case(s) | 110 Suspected case(s) | 0 Suspected case(s) |
| 0 Confirmed case(s) | 0 Confirmed case(s) | 0 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 32[2]** |
| 99 Suspected case(s) | 0 Suspected case(s) | 379,542 Suspected case(s) |
| 0 Confirmed case(s) | 0 Confirmed case(s) | 52,227 Confirmed case(s) |
| | | 1002 Death(s) |

| Timeliness of reports[3] | Completeness of reports[3] |
|---|---|
| 97.3% Last 4 weeks | 90.5% Last 4 weeks |
| 97.3% Year to date | 99.2% 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 32

| Suspected cases | Confirmed cases | Deaths | Number of States and LGAs affected |
|---|---|---|---|
| 56 | 6 | 0 | State: 2<br>LGA: 3 |

## Year to date (week 1 – 32)

| Suspected cases | | Confirmed cases | | Deaths | | CFR | |
|---|---|---|---|---|---|---|---|
| 2019 | 2020 | 2019 | 2020 | 2019 | 2020 | 2019 | 2020 |
| 3402 | 5494 | 656 | 1060 | 145 | 220 | *22.1%* | *20.8%* |

*Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, Week 1 – 32, 2020*

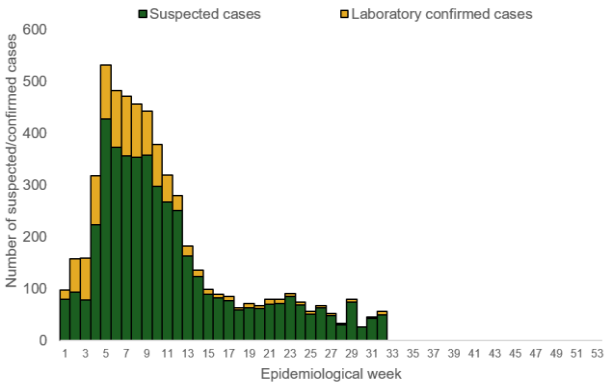
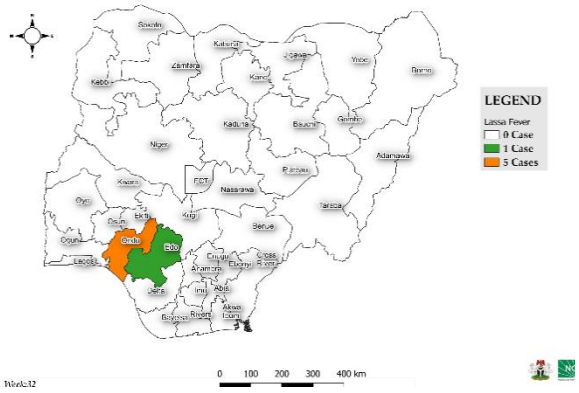



*Figure 2: Location of **confirmed** cases of Lassa Fever by state, Nigeria, week 32, 2020*




## Key points

- There were 56 suspected cases, six were laboratory confirmed and no death was recorded from three LGAs in two states.

## Actions

### To date:

- National Lassa fever multi-partner, multi-sectoral Technical Working Group (TWG) continues to coordinate the response activities at all levels
- Enhanced surveillance (contact tracing and active case finding) ongoing in affected states

### Planned:

- Continue mobilisation of resources

# Cerebrospinal Meningitis (CSM)

## Week 32

| Suspected cases | Confirmed cases | Deaths | Number of States and LGAs affected |
|---|---|---|---|
| 9 | 0 | 1 | State: 5<br>LGA: 6 |

## Year to date (week 1 – 32)

| Suspected cases | | Confirmed cases | | Deaths | | CFR | |
|---|---|---|---|---|---|---|---|
| 2019 | 2020 | 2019 | 2020 | 2019 | 2020 | 2019 | 2020 |
| 1719 | 511 | 123 | 11 | 100 | 9 | *5.8%* | *1.8%* |

*Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, week 1 – 32, 2020*

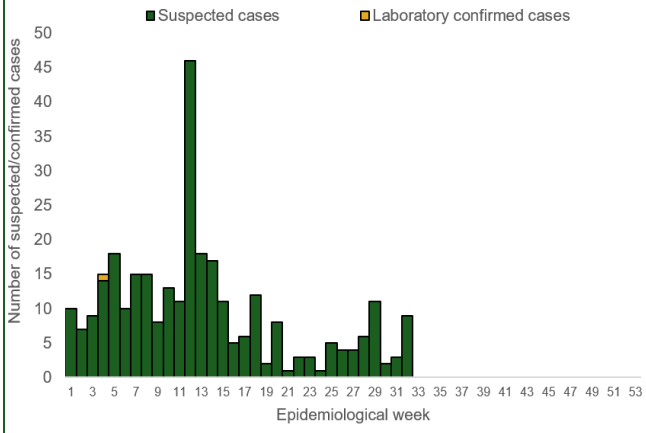
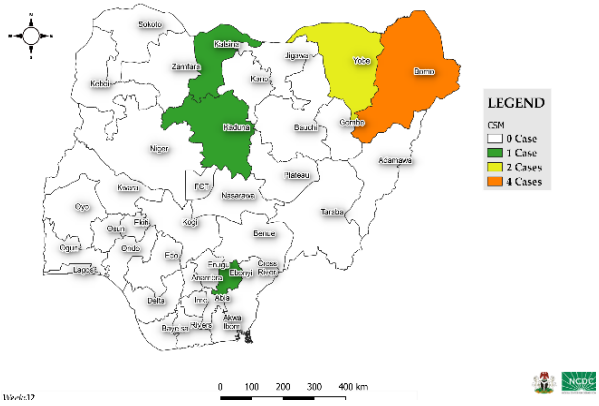



*Figure 4: Location of suspected cases of CSM by State, Nigeria, week 32, 2020*




## Key points

There were nine suspected cases of Cerebrospinal Meningitis (CSM) reported from six LGAs in five states (Borno – 4, Ebonyi – 1, Kaduna – 1, Katsina – 1 & Yobe – 2). There was no laboratory confirmed case and one 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 32

| Suspected cases | Confirmed cases | Deaths | Number of States and LGAs affected |
|---|---|---|---|
| 14 | 0 | 0 | State: 8<br>LGA: 11 |

## Year to date (week 1 – 32)

| Suspected cases | | Confirmed cases | | Deaths | | CFR | |
|---|---|---|---|---|---|---|---|
| 2019 | 2020 | 2019 | 2020 | 2019 | 2020 | 2019 | 2020 |
| 1852 | 1462 | 22 | 13 | 25 | 0 | *1.3%* | *0%* |

*Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, week 1 – 32, 2020*

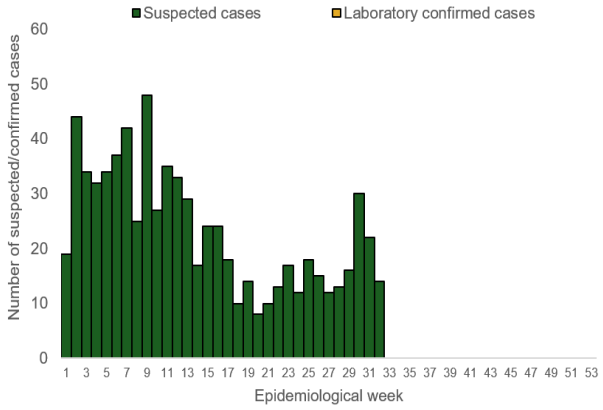
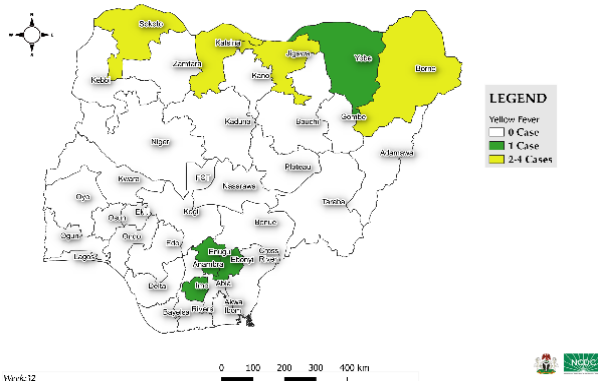



*Figure 6: Location of suspected cases of Yellow Fever by State, Nigeria, week 32, 2020*




## Key points

- There were 14 suspected cases of Yellow Fever (YF) reported from 11 LGAs in eight states. None was laboratory confirmed and no death was recorded

### Actions

**To date:**

- National multiagency YF Technical Working Group (TWG) is coordinating response activities

**Planned:**

- Continue harmonisation of surveillance and laboratory data ongoing

# Cholera

## Week 32

| Suspected cases | Confirmed cases | Deaths | Number of States and LGAs affected |
|---|---|---|---|
| 21 | 0 | 0 | State: 2<br>LGA: 2 |

## Year to date (week 1 – 32)

| Suspected cases | | Confirmed cases | | Deaths | | CFR | |
|---|---|---|---|---|---|---|---|
| 2019 | 2020 | 2019 | 2020 | 2019 | 2020 | 2019 | 2020 |
| 2274 | 1071 | 251 | 40 | 38 | 59 | *1.7%* | *5.5%* |

*Figure 7: Number of suspected and confirmed cases of Cholera, Nigeria, week 1 – 32, 2020*

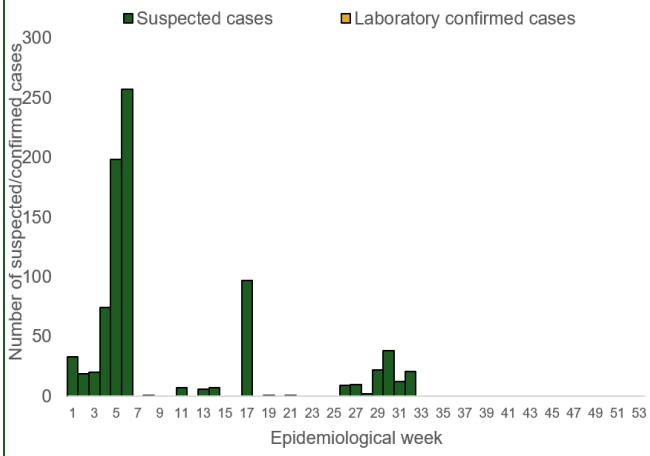
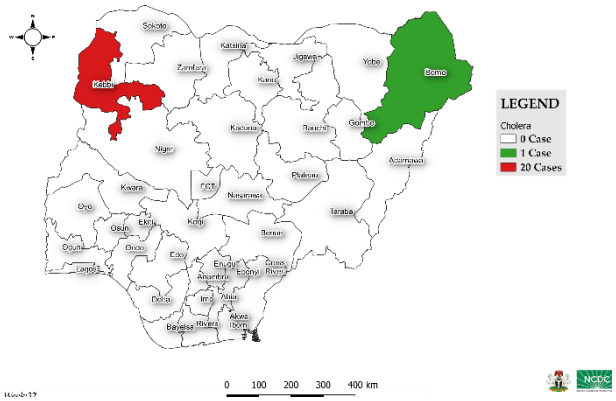



*Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 32, 2020*




## Key points

- There were 21 suspected cases of cholera reported from two LGAs in two states (Borno – 1 & Kebbi – 20). None was laboratory confirmed and no death was recorded

### 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 32

| Suspected cases | Confirmed cases | Deaths | Number of States and LGAs affected |
|---|---|---|---|
| 110 | 0 | 0 | State: 18<br>LGA: 59 |

## Year to date (week 1 – 32)

| Suspected cases | | Confirmed cases | | Deaths | | CFR | |
|---|---|---|---|---|---|---|---|
| 2019 | 2020 | 2019 | 2020 | 2019 | 2020 | 2019 | 2020 |
| 50516 | 20406 | 2054 | 2063 | 257 | 111 | *0.5%* | *0.5%* |

*Figure 9: Number of suspected and confirmed cases of Measles, Nigeria, week 1 – 32, 2020*

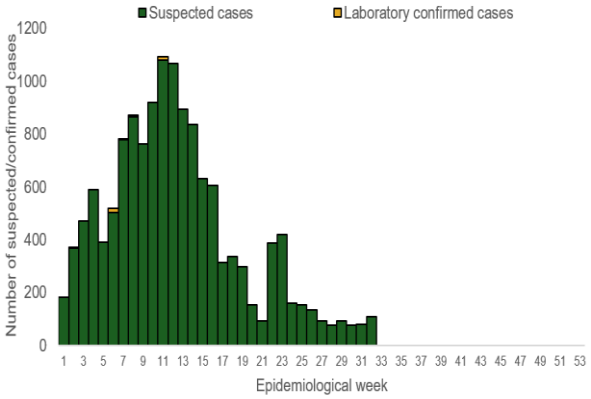
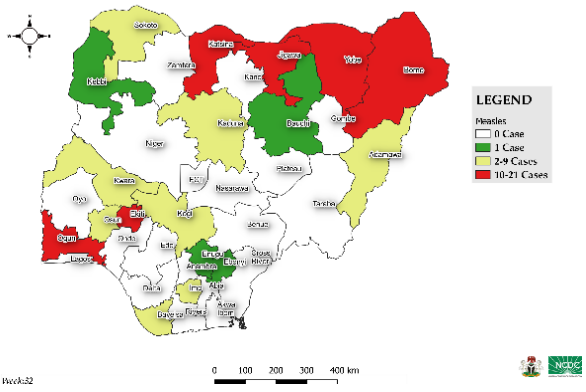



*Figure 10: Location of suspected cases of Measles by State, Nigeria, week 32, 2020*




### Key points

- There were 110 suspected cases of measles reported from 59 LGAs in 18 states. None was 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
- 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 32

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

## Year to date (week 1 – 32)

| Suspected cases | | Confirmed cases | | Deaths | | CFR | |
|---|---|---|---|---|---|---|---|
| 2019 | 2020 | 2019 | 2020 | 2019 | 2020 | 2019 | 2020 |
| 62 | 21 | 35 | 3 | 2 | 0 | *3.2%* | *0%* |

*Figure 11: Number of suspected and confirmed cases of Monkeypox, Nigeria, week 1 – 32, 2020*

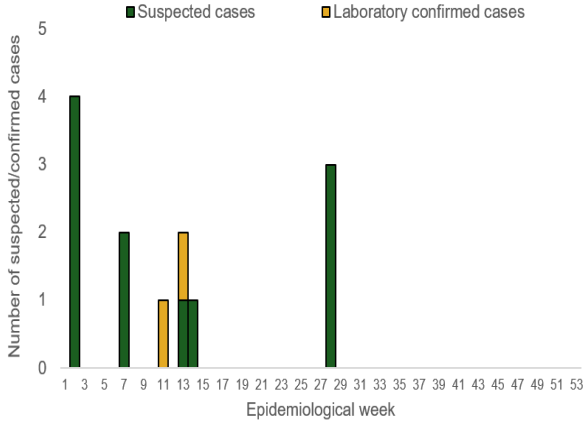
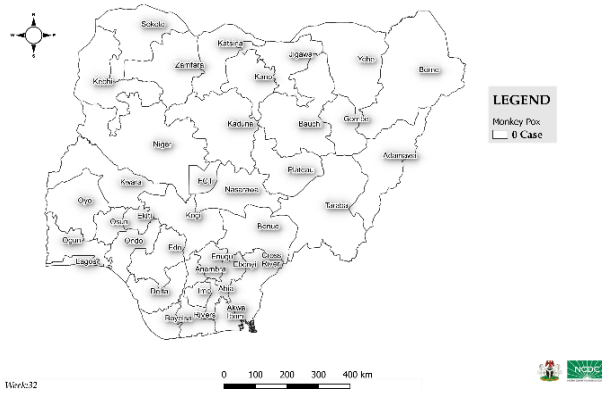



*Figure12: Location of suspected cases of Monkeypox by State, Nigeria, week 32, 2020*




### Key points

- There was no suspected case of Monkeypox reported this week

### 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 32

| Suspected cases | Confirmed cases | Deaths | Number of States and LGAs affected |
|---|---|---|---|
| 99 | 0 | 0 | State: 28 + FCT<br>LGA: 86 |

## Year to date (week 1 – 32)

| Suspected cases | | Confirmed cases | | Deaths | | CFR | |
|---|---|---|---|---|---|---|---|
| 2019 | 2020 | 2019 | 2020 | 2019 | 2020 | 2019 | 2020 |
| 4262 | 2778 | 0 | 0 | 0 | 0 | *0%* | *0%* |

*Figure 13: Number of suspected and confirmed cases of AFP, Nigeria, week 1 – 32, 2020*

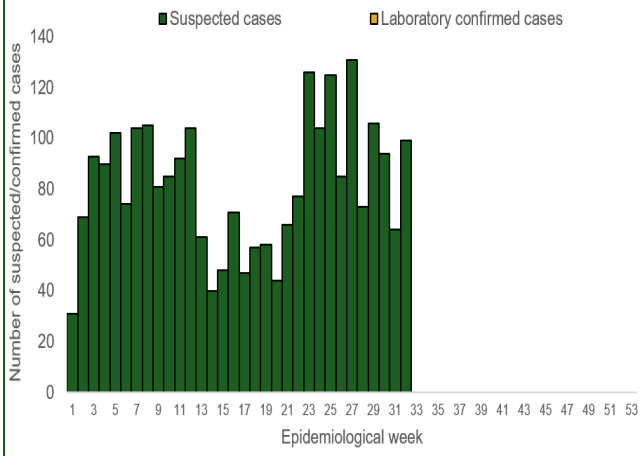
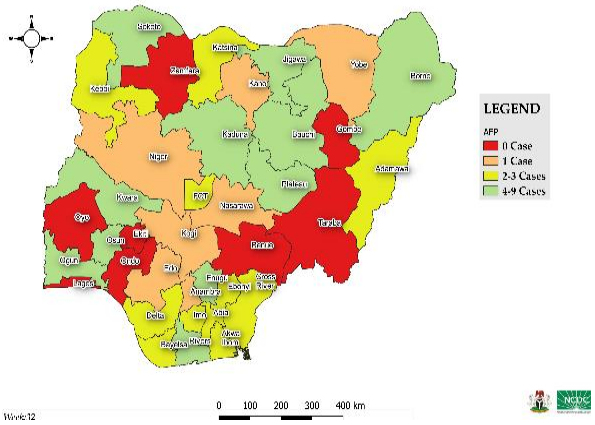



*Figure 14: Location of suspected cases of AFP by State, Nigeria, week 32, 2020*




## Key points

- There were 99 suspected cases of AFP reported from 86 LGAs in 28 states & FCT. None was laboratory confirmed and no death was recorded

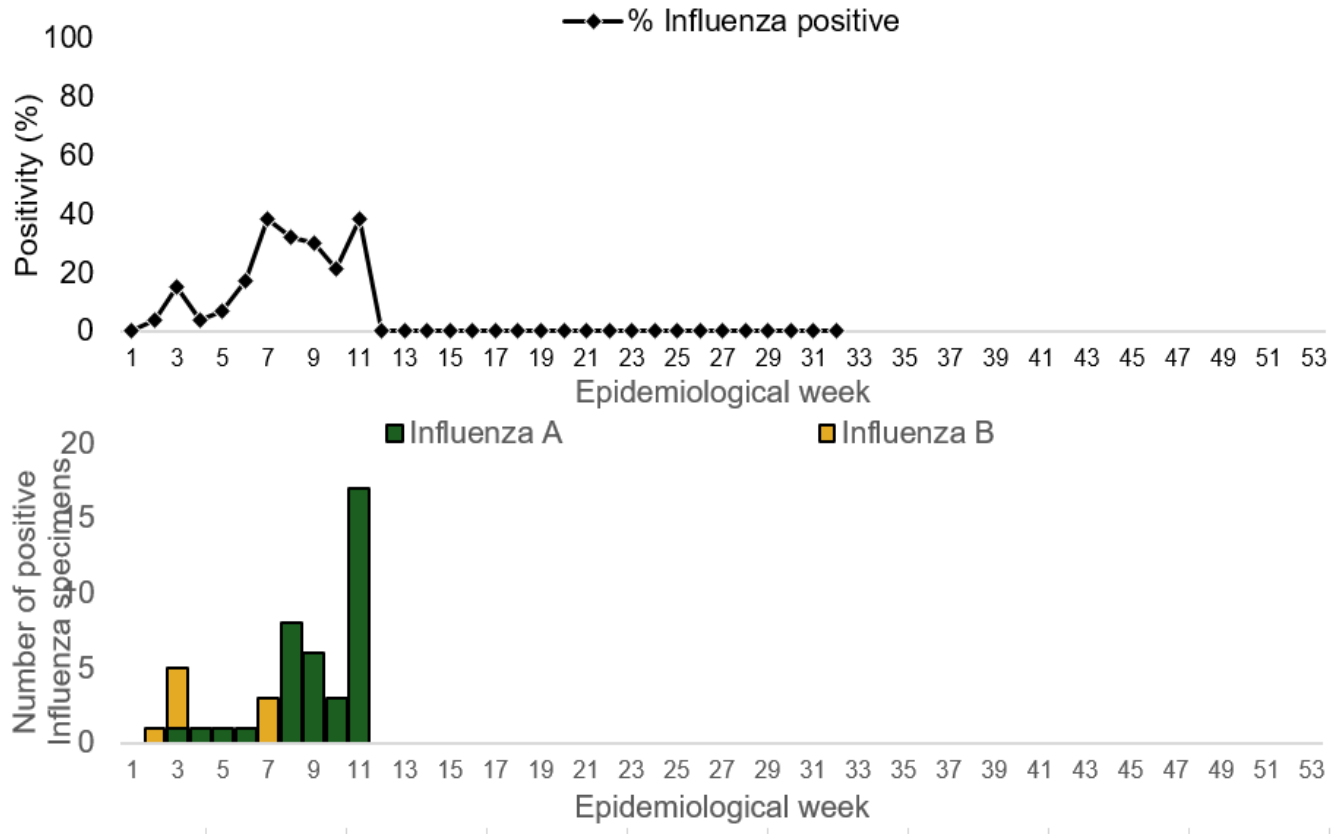
# National Influenza Sentinel Surveillance

## Year to date (week 1 – 32)

| | Suspected cases | Suspected ILI | Suspected SARI |
|---|---|---|---|
| Number (*Percentage*) | 264 | 204 (77.3%) | 60 (22.7%) |

| | Confirmed cases | | Confirmed ILI | | Confirmed SARI | |
|---|---|---|---|---|---|---|
| | Influenza A | Influenza B | Influenza A | Influenza B | Influenza A | Influenza B |
| Number | 48 | 11 | 39 | 8 | 9 | 3 |
| Positivity (%) | *18.2%* | *4.2%* | *19.1%* | *3.9%* | *15%* | *5%* |

*Figure 15: Number of influenza positive specimens by type and percent positive by epidemiological week, 2020.*




## Key points

- The subtypes A seasonal H3, 2009A/H1N1 and A/not subtyped account for 0 (0.0%), 2 (9.5%) and 19 (90.5%) of the total influenza A positive sample, respectively. The subtypes B VICTORIA, B Not subtyped and B Yamagata account for 0 (0.0%), 8 (100%) and 0 (0.0%) of the total influenza B positive samples, respectively.
- The percentage influenza positive was highest in week 10 with 40%.

# Coronavirus Disease (COVID-19)

## As at week 34

| Suspected cases | Confirmed cases | Deaths | Number of States and LGAs affected |
|---|---|---|---|
| 379,542 | 52,227 | 1,002 | State: 36 + FCT<br>LGA: |

*Figure 15: Epidemic curve of confirmed cases of COVID-19, Nigeria, week 1 – 34, 2020*

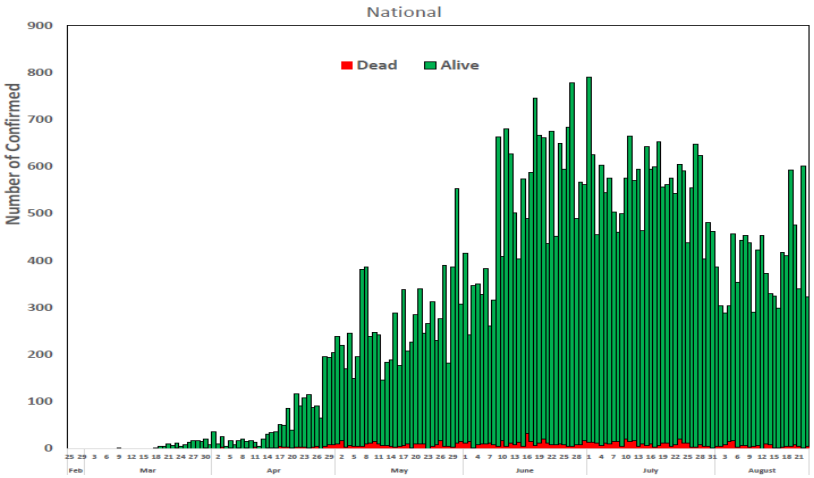
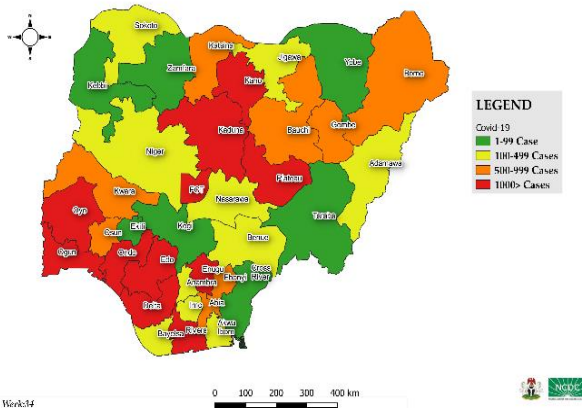



*Figure 16: Location of **confirmed** cases of COVID-19 by State, Nigeria, as at week 34, 2020*




## Actions

### To date:

- National COVID-19 multi-partner Emergency Operations Centre (EOC) continues to coordinate response activities across states
- Commenced daily tracking of implementation of COVID-19 IAP activities in 20 States
- Continuous support provided for COVID-19 response coordination in all states
- Reviewed and updated guidelines for SARS-CoV-2 specimen packaging and transportation
- Developed training manual for sample packaging and transportation for COVID-19 and other infectious diseases
- Processed and delivered emergency order from states and laboratories in the network
- Commenced the implementation of the "Prospective cohort study of COVID-19 cases and their close contacts" in Delta state
- Development of tools for tracking stakeholders' activities is ongoing

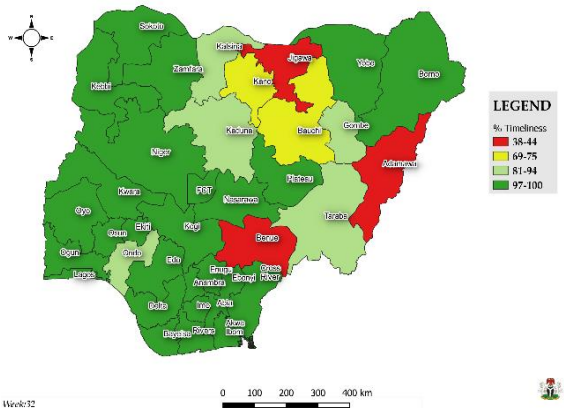
### Planned:

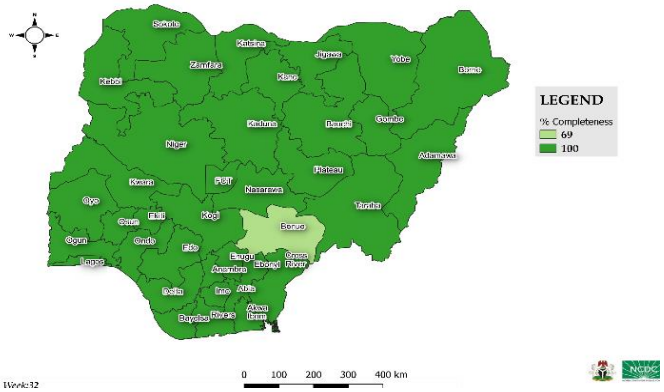
- Distribution of August/September Medical supplies to states and treatment centres, Federal Health Institutions (FHIs) and Primary Healthcare Centres (PHCs)
- Continue to support MDAs to develop plans and guidelines, and advocate for resources to facilitate implementation
- Monitoring of state implementation of Surveillance activities in the IAP
- Supervision of home-based care services to ensure compliance with IPC standards in Lagos state
- Support the expansion of Event Based Surveillance (EBS) system in eight more states

# Timeliness and Completeness of Reports

## Last 4 weeks (29 – 32, 2020)

*Figure 16: A – Timeliness by State (%); B – Completeness by State (%), weeks 29 - 32, 2020*




### 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<br>Week 29 – 32 | Year to date<br>Week 1 – 32 |
|---|---|---|
| Reports sent on time | 144 | 1072 |
| Reports sent late | 0 | 102 |
| Reports not received | 4 | 10 |
| Timeliness | 97.3% | 90.5% |
| Completeness | 97.3% | 99.2% |

### States with reports not received in 2020 (week 1 – 32)

| State | Week(s) report not received |
|---|---|
| Benue | 21, 22, 23, 24, 25, 28, 29, 30, 31 & 32 |

# Timeliness and Completeness of Reports by State

## Year to date (week 1 – 32)

| State | Timeliness (%) | Completeness (%) |
|---|---|---|
| Abia | 97 | 100 |
| Adamawa | 38 | 100 |
| Akwa Ibom | 97 | 100 |
| Anambra | 97 | 100 |
| Bauchi | 75 | 100 |
| Bayelsa | 100 | 100 |
| Benue | 44 | 69 |
| Borno | 97 | 100 |
| Cross River | 94 | 100 |
| Delta | 100 | 100 |
| Ebonyi | 97 | 100 |
| Edo | 100 | 100 |
| Ekiti | 100 | 100 |
| Enugu | 100 | 100 |
| FCT | 100 | 100 |
| Gombe | 91 | 100 |
| Imo | 100 | 100 |
| Jigawa | 38 | 100 |
| Kaduna | 91 | 100 |
| Kano | 69 | 100 |
| Katsina | 88 | 100 |
| Kebbi | 100 | 100 |
| Kogi | 100 | 100 |
| Kwara | 97 | 100 |
| Lagos | 94 | 100 |
| Nasarawa | 100 | 100 |
| Niger | 100 | 100 |
| Ogun | 94 | 100 |
| Ondo | 81 | 100 |
| Osun | 94 | 100 |
| Oyo | 97 | 100 |
| Plateau | 100 | 100 |
| Rivers | 100 | 100 |
| Sokoto | 97 | 100 |
| Taraba | 91 | 100 |
| Yobe | 100 | 100 |
| Zamfara | 97 | 100 |