



Nigeria Centre for Disease Control
Protecting the health of Nigerians

Weekly Epidemiological Report

Week 8: 17th – 23rd February 2020

Highlight of the Week

Infection Prevention and Control (IPC) Training on COVID-19 for Health Facilities and Healthcare Workers in the Private Sector



The coronavirus disease (COVID-19) was first reported in Wuhan, China to the World Health Organization (WHO) on the 31st of December 2019. Since then, the disease has spread at an exponential rate across several countries on all continents except Antarctica. On the 27th of February, Nigeria also confirmed its first case of the disease. In line with this, a national Emergency Operations Centre (EOC) led by the Nigeria Centre for Disease Control (NCDC) was activated at the highest level, to coordinate response activities using the principles of Incident Management System (see details [here](#)).

The NCDC has continued to implement activities aimed at preventing the spread of the disease in Nigeria. This includes the development and dissemination of guidelines on IPC measures to both public and private health facilities. In view of the critical role the private sector plays in healthcare delivery in Nigeria, it is imperative to actively integrate them into the strategic alliance to strengthen response activities and resilience to COVID-19 and other infectious diseases in Nigeria.

Accordingly, the IPC pillar of the national COVID-19 EOC recently conducted training on IPC in FCT (Guild of Medical Directors) and Lagos (Guild of Medical Directors and Association of General and Private Medical Practitioners of Nigeria).

The objectives of the training were to;

1. Improve IPC adherence across private hospitals in the country
2. Prevent the spread of COVID-19, Lassa fever and other infectious disease
3. Build the capacity and resilience of the private health facility networks in epidemic response and preparedness
4. Augment on-going health system response to COVID-19 at the national, state and local government levels
5. Reinforce IPC behaviour and practices within private healthcare facilities
6. Provide a veritable and trusted information platform for healthcare workers (HCWs) within the private sector through alignment with NCDC and public health emergency operations centres (PHEOCs)

The training had 92 participants in attendance including Chief Medical Directors, Managing Directors, and IPC focal persons from private hospitals in FCT and Lagos State. The significant outputs from the training were improved understanding of the need for high index of suspicion among HCWs, particularly for COVID-19; health facilities with clear protocols on triaging for COVID-19 (screening, isolation and notification); and HCWs trained on standard precautions.

The NCDC continues to work closely with the network of IPC focal persons and remains committed to developing structures to protect the health of all Nigerians. HCWs as well as members of the public are advised to continue to exercise good IPC practices especially frequent handwashing, in their day-to-day activities.

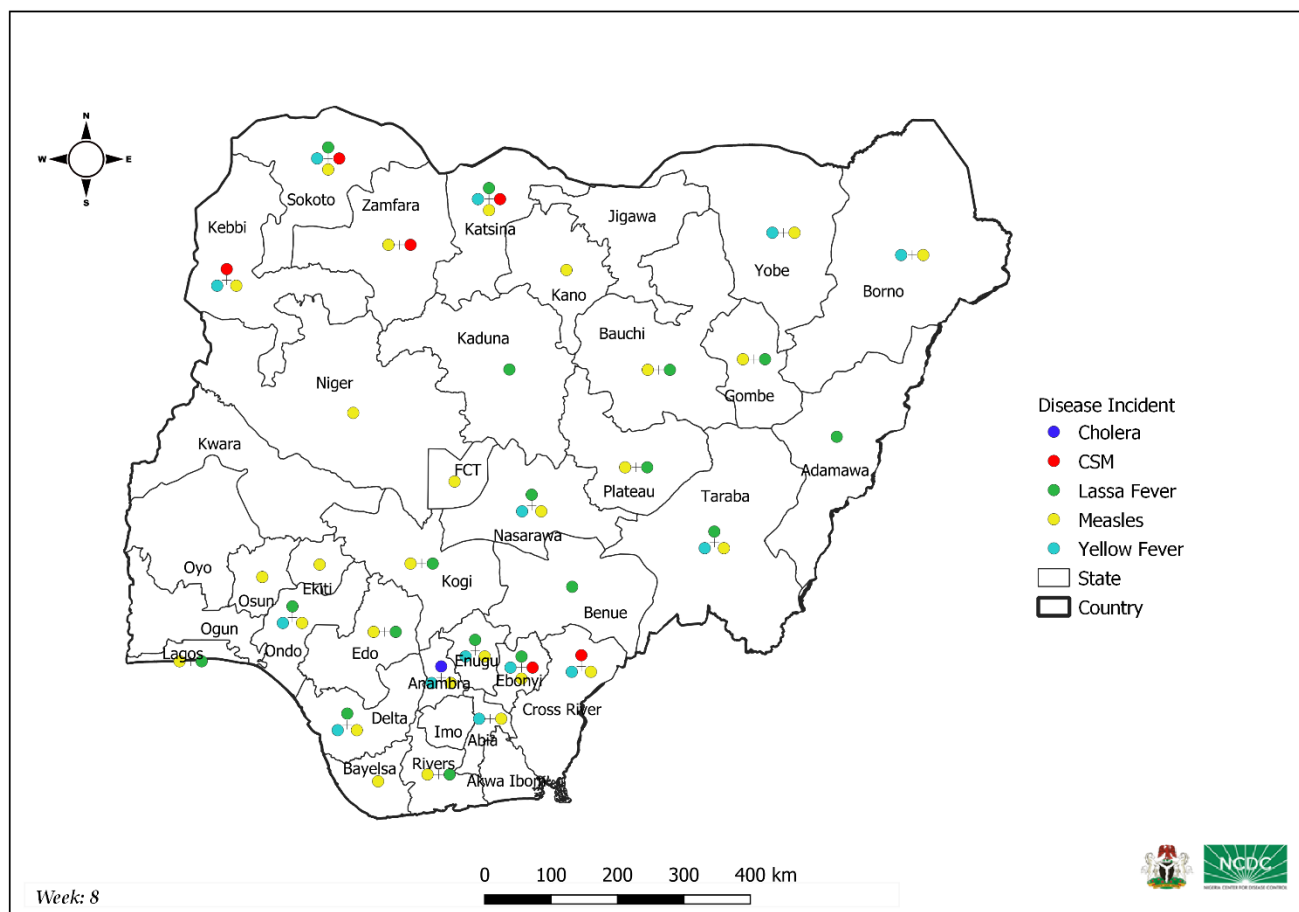
Summary of Incidents

Ongoing incidents

2

Ongoing Incidents are defined as confirmed cases where a national EOC or equivalent has been activated (EOC is currently activated for Lassa fever and coronavirus disease (COVID-19)).

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



Summary

Week 8: 17th – 23rd February 2020

Lassa Fever^{1,2}	Cerebrospinal Meningitis (CSM)^{3,4}	Yellow Fever^{3,4}
456 Suspected cases	15 Suspected cases	25 Suspected cases
102 Confirmed case(s)	0 Confirmed cases	0 Confirmed cases
13 Death(s)	0 Death(s)	0 Death(s)
Cholera^{3,4}	Measles^{3,4}	Monkeypox^{1,4}
1 Suspected cases	871 Suspected cases	0 Suspected case(s)
0 Confirmed cases	6 Confirmed cases	0 Confirmed cases
0 Death(s)	5 Death(s)	0 Death(s)
Acute Flaccid Paralysis (AFP)^{3,4}	National Sentinel influenza surveillance⁵	
105 Suspected cases	0 Suspected cases	
0 Confirmed Polio	0 Confirmed cases	

Timeliness of reports³	Completeness of reports³
89.2% Last 4 weeks	93.3% Last 4 weeks
91.2% Year to date	96.3% 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 8

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
456	102	13	State: 18 LGA: 46

Year to date (week 1 – 8)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
1249	2633	381	689	83	118	21.8%	17.1%

Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, Week 1 – 8, 2020

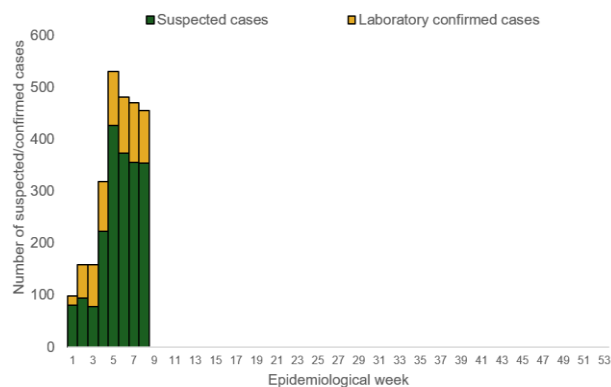
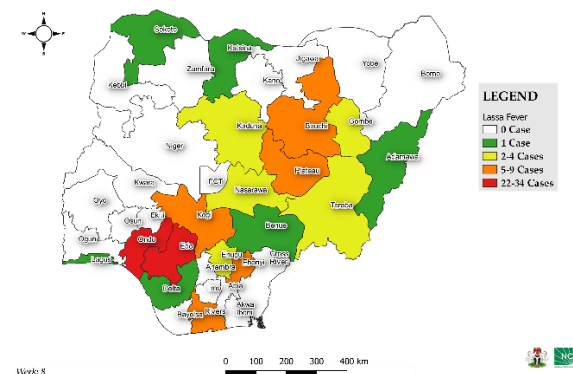


Figure 2: Location of confirmed cases of Lassa Fever by state, Nigeria, week 8, 2020



Key points

- There were 456 suspected cases, 102 confirmed cases and 13 deaths recorded from 46 LGAs in 18 states
- Four new Healthcare Workers were affected in Edo and Ondo states in the reporting week

Actions

To date:

- Diagnosis of all samples in the five Lassa fever (LF) testing laboratories across the country
- Multi-sectoral, multi-disciplinary Public Health Emergency Operation Centres (PHEOCs) activated in affected states
- Dissemination of reviewed case management and safe burial practices guidelines
- Deployed surge staff to Irrua Specialist Teaching Hospital and Federal Medical Centre, Owo

Planned:

- Support states to develop and implement LF response sustainability plan
- Review LF deaths
- Continue harmonisation of laboratory and surveillance data

Cerebrospinal Meningitis (CSM)

Week 8

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
15	0	0	State: 6 LGA: 10

Year to date (week 1 – 8)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
255	98	10	0	12	1	4.7%	1%

Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, week 1 – 8, 2020

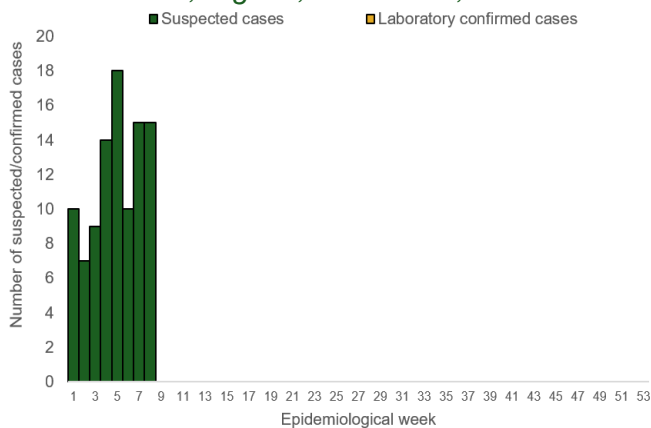
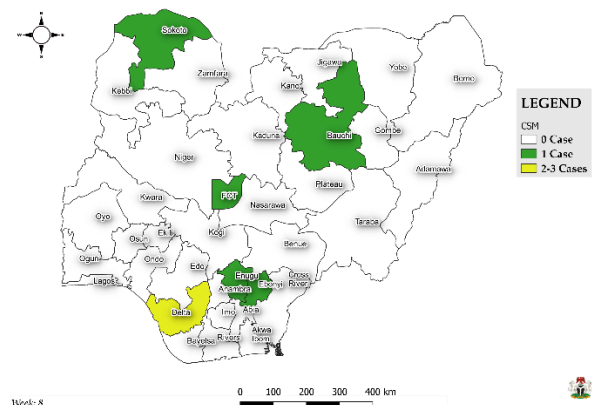


Figure 4: Location of suspected cases of CSM by State, Nigeria, week 8, 2020



Key points

- There were 15 suspected cases of Cerebrospinal Meningitis (CSM) reported from 10 LGAs in six states (Cross River – 4, Ebonyi – 1, Kebbi – 1, Sokoto – 1, Katsina – 5 & Zamfara – 3). None was 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 8

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
25	0	0	State: 14 LGA: 23

Year to date (week 1 – 8)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
369	482	5	6	0	0	0%	0%

Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, week 1 – 8, 2020

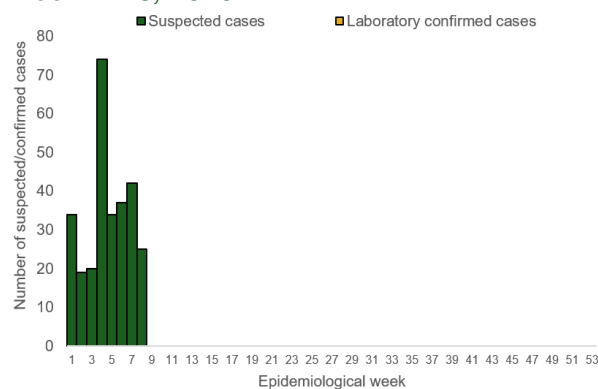
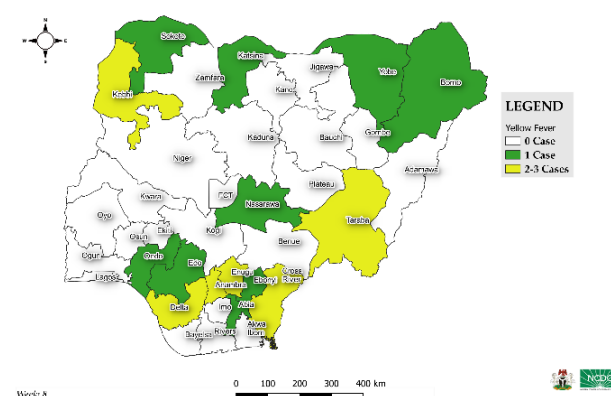


Figure 6: Location of suspected cases of Yellow Fever by State, Nigeria, week 8, 2020



Key points

- There were 25 suspected cases of Yellow fever (YF) reported from 23 LGAs in 14 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 to harmonise surveillance and laboratory data

Cholera

Week 8

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

Year to date (week 1 – 8)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
282	729	4	0	17	31	6%	4.3%

Figure 7: Number of suspected and confirmed cases of Cholera, Nigeria, week 1 – 8, 2020

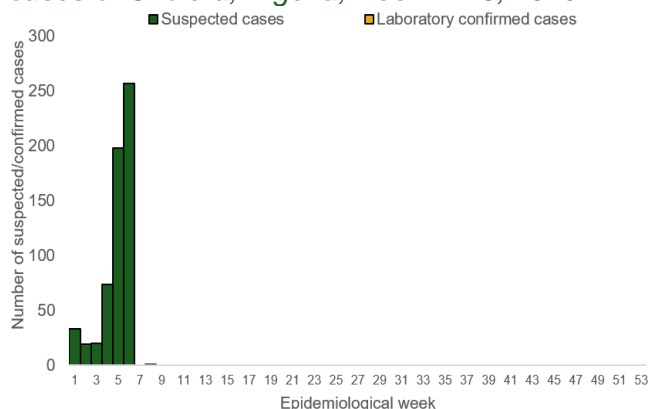
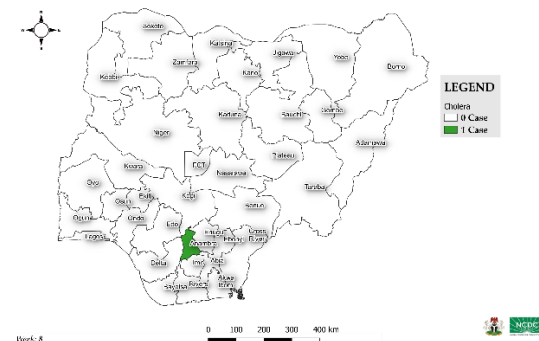


Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 8, 2020



Key points

- There was one suspected case of cholera reported in Anambra state

Actions

To date

- National cholera multi-sectoral Technical Working Group (TWG) is monitoring all states
- Finalisation of the 2020 cholera preparedness and response plan

Planned:

- Ensure that reporting states conduct rapid diagnostic test/culture test and send line list of all reported cases to the national level
- Continue follow up and monitoring of non-reporting states
- Continue harmonisation of the national line list and SORMAS data

Measles

Week 8

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
871	6	5	State: 29 + FCT LGA: 186

Year to date (week 1 – 8)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
5998	5365	12	636	15	18	0.3%	0.3%

Figure 11: Number of suspected and confirmed cases of Measles, Nigeria, week 1 – 8, 2020

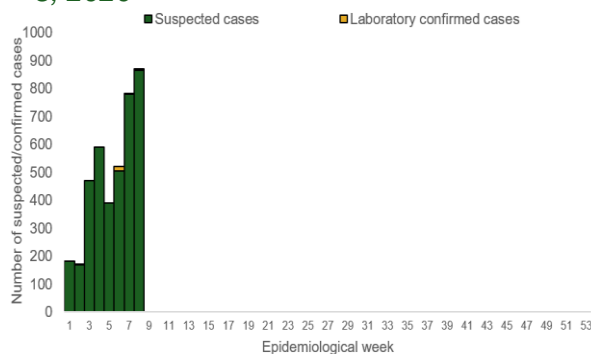
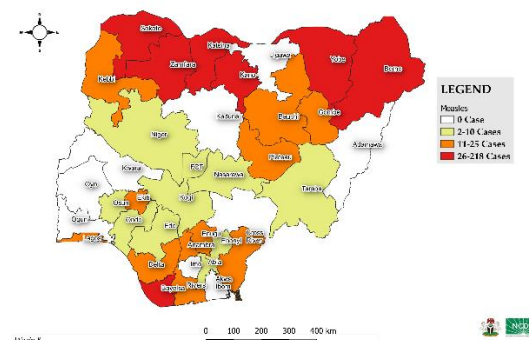


Figure 12: Location of suspected cases of Measles by State, Nigeria, week 8, 2020



Key points

- There were 871 suspected cases of measles reported from 186 LGAs in 29 states and FCT. There were six laboratory confirmed cases and five deaths were recorded

Actions

To date

- National Measles Technical Working Group (TWG) is closely monitoring surveillance data and response activities across the country
- State surveillance officers followed up and requested to share measles data

Planned:

- Repeat *measles Dynamic Risk Assessment*
- Intensify follow up with states to update and transmit line list to NCDC

Monkeypox

Week 8

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

Year to date (week 1 – 8)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020

Figure 13: Number of suspected and confirmed cases of Monkeypox, Nigeria, week 1–8, 2020

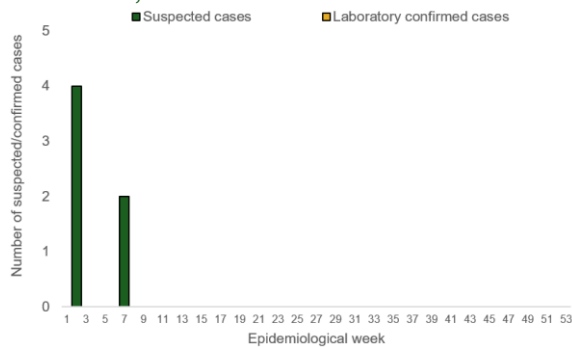
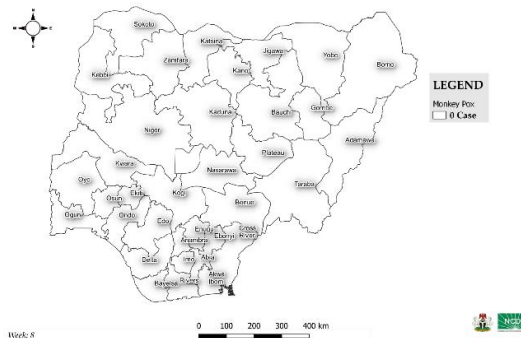


Figure 14: Location of suspected cases of Monkeypox by State, Nigeria, week 8, 2020



Key points

- There was no suspected case of monkeypox reported this week

Actions

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

Planned:

- Enhance surveillance for monkeypox in high burden states, working with the animal health colleagues

Acute Flaccid Paralysis (AFP)

Week

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
105	0	0	State: 28 + FCT LGA: 96

Year to date (week 1 – 8)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
900	671	0	0	0	0	0%	0%

Figure 15: Number of suspected and confirmed cases of AFP, Nigeria, week 1– 8, 2020

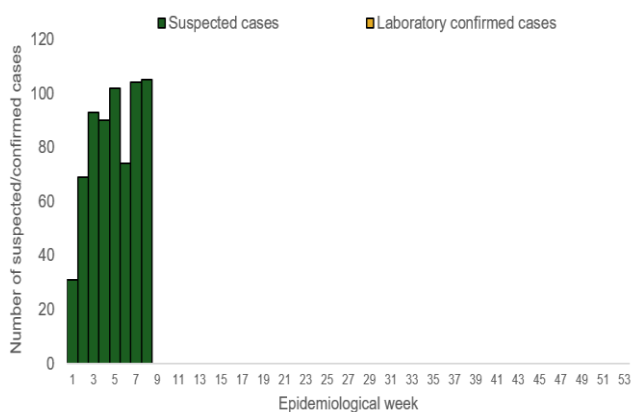
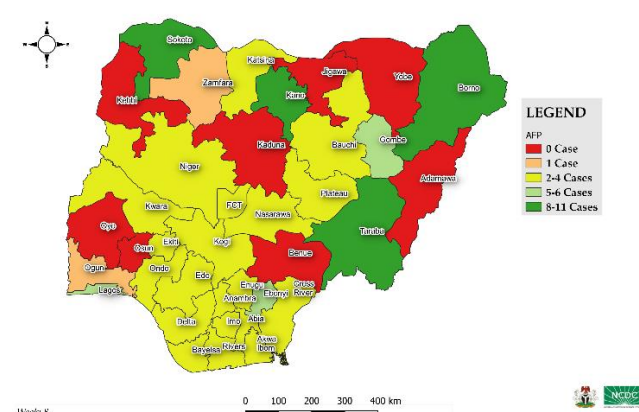


Figure 16: Location of suspected cases of AFP by State, Nigeria, week 8, 2020



Key points

- There were 105 suspected cases of AFP reported from 96 LGAs in 28 states and FCT. None was laboratory confirmed and no death was recorded

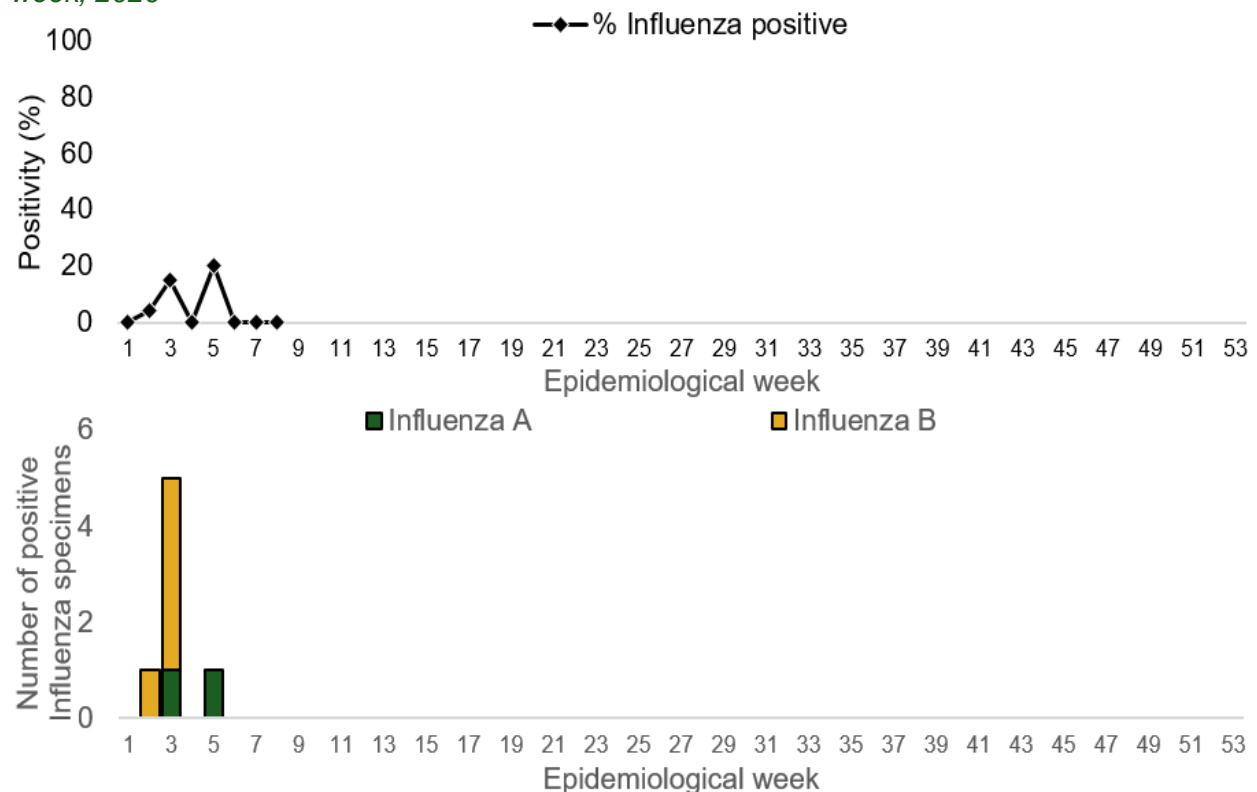
National Influenza Sentinel Surveillance

Year to date (week 1 – 8)

	Suspected cases	Suspected ILI	Suspected SARI
Number (Percentage)	105	71 (67.6%)	34 (32.4%)

	Confirmed cases		Confirmed ILI		Confirmed SARI	
	Influenza A	Influenza B	Influenza A	Influenza B	Influenza A	Influenza B
Number	2	5	2	3	0	2
Positivity (%)	1.9%	4.8%	2.8%	4.2%	0%	5.9%

Figure 17: Number of influenza positive specimens by type and percent positive by epidemiological week, 2020



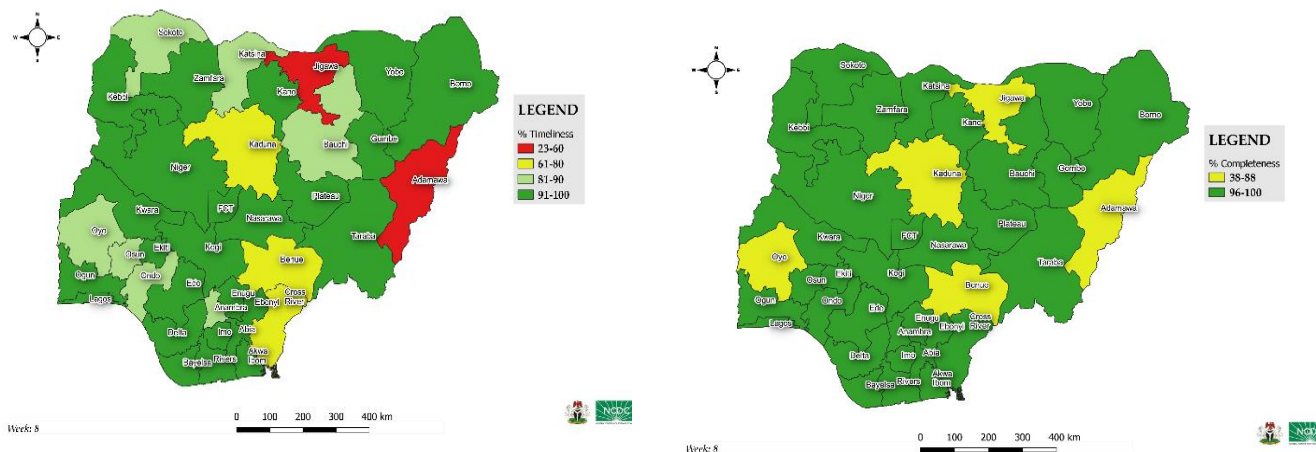
Key points

- The subtypes A seasonal H3, 2009A/H1N1 and A/not subtyped account for 0(0.0%), 0(0.0%) and 2 (100%) of the total influenza A positive sample respectively. The subtypes B VICTORIA, B Not subtyped and B Yamagata account for 0(0.0%), 5(100%) and 0(0.0%) of the total influenza B positive samples respectively
- The percentage influenza positive was highest in week 5 with 20%.

Timeliness and Completeness of Reports

Last 4 weeks (5 – 8, 2020)

Figure 18: A – Timeliness by State (%); B – Completeness by State (%), weeks 5 - 8, 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	Year to date
	Week 5 - 8	Week 1 - 8
Reports sent on time	132	270
Reports sent late	6	15
Reports not received	10	11
Timeliness	89.2%	91.2%
Completeness	93.3%	96.3%

States with reports not received in 2020 (week 1 – 8)

State	Week(s) report not received
Adamawa	4, 5, 6, 7 & 8
Benue	8
Jigawa	6, 7 & 8
Kaduna	8
Oyo	8

Timeliness and Completeness of Reports by State

Year to date (week 1 – 8)

State	Timeliness (%)	Completeness (%)
Abia	100	100
Adamawa	23	38
Akwa Ibom	100	100
Anambra	88	100
Bauchi	88	100
Bayelsa	100	100
Benue	75	88
Borno	100	100
Cross River	75	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	13	63
Kaduna	75	88
Kano	100	100
Katsina	88	100
Kebbi	100	100
Kogi	100	100
Kwara	100	100
Lagos	100	100
Nasarawa	100	100
Niger	100	100
Ogun	100	100
Ondo	88	100
Osun	88	100
Oyo	88	88
Plateau	100	100
Rivers	100	100
Sokoto	88	100
Taraba	100	100
Yobe	100	100
Zamfara	100	100