



Nigeria Centre for Disease Control

Protecting the health of Nigerians

Weekly Epidemiological Report

Week 6: 3rd – 9th February 2020

Highlight of the Week

National Case Management Guidelines for COVID-19



Since the beginning of the coronavirus disease (COVID-19) outbreak in China, the Nigeria Centre for Disease Control has continued to strengthen the level of preparedness in the country. As at the 23rd of February 2020, the virus had spread to 26 other countries.

As part of our preparedness, a Coronavirus Preparedness Group (CPG) was established by the Nigeria Centre for Disease Control (NCDC). This group includes representatives from the Port Health Services of the Federal Ministry of Health (FMOH), Health Promotion Division of the FMOH, Office of the National Security Adviser, Ministry of Defence Health Implementation Programme, Federal Ministry of Foreign Affairs, National Orientation Agency, World Health Organisation, World Bank, US Centre for Disease Control, Public Health England, Pro-Health International and Resolve to Save Lives.

The provision of specialised care is a critical component of COVID-19 response activities. In the last one month, NCDC has conducted further assessments in existing infectious disease treatment centres. This assessment has focused on identifying gaps and developing plans to rapidly ensure that we are prepared to manage all cases of COVID-19, regardless of the severity.

From the 17th – 19th of February, 2020, the Coronavirus Preparedness Group successfully conducted a workshop to develop protocols and guidelines for case management of COVID-19. These guidelines will be used by health care workers in providing care for patients, in the event of a COVID-19 outbreak in Nigeria.

The workshop which was supported by Resolve to Save Lives, had subject matter experts drawn from relevant specialised fields. This includes physicians, clinical virologists & nurses with MDR-TB management experience from teaching hospitals, WHO and other partners working closely with the National COVID-19 Preparedness Group.

An important outcome from the workshop was the development of an interim national case management guideline for COVID-19 highlighting:

1. Standard of management of COVID-19 cases
2. Sample collection procedure from suspect cases of COVID-19
3. Transfer of suspect / ill persons
4. Safe and dignified burial for suspect/confirmed cases

This guideline will be finalised and distributed widely to health care workers, starting from designated isolation and treatment centres in five priority states with international airports (Lagos, FCT, Kano, Rivers and Enugu) in Nigeria. The guideline will be made available on the NCDC website.

The Nigeria Centre for Disease Control remains committed to working with stakeholders, in improving the capacity of treatment centres to manage cases in the event of a COVID-19 outbreak.

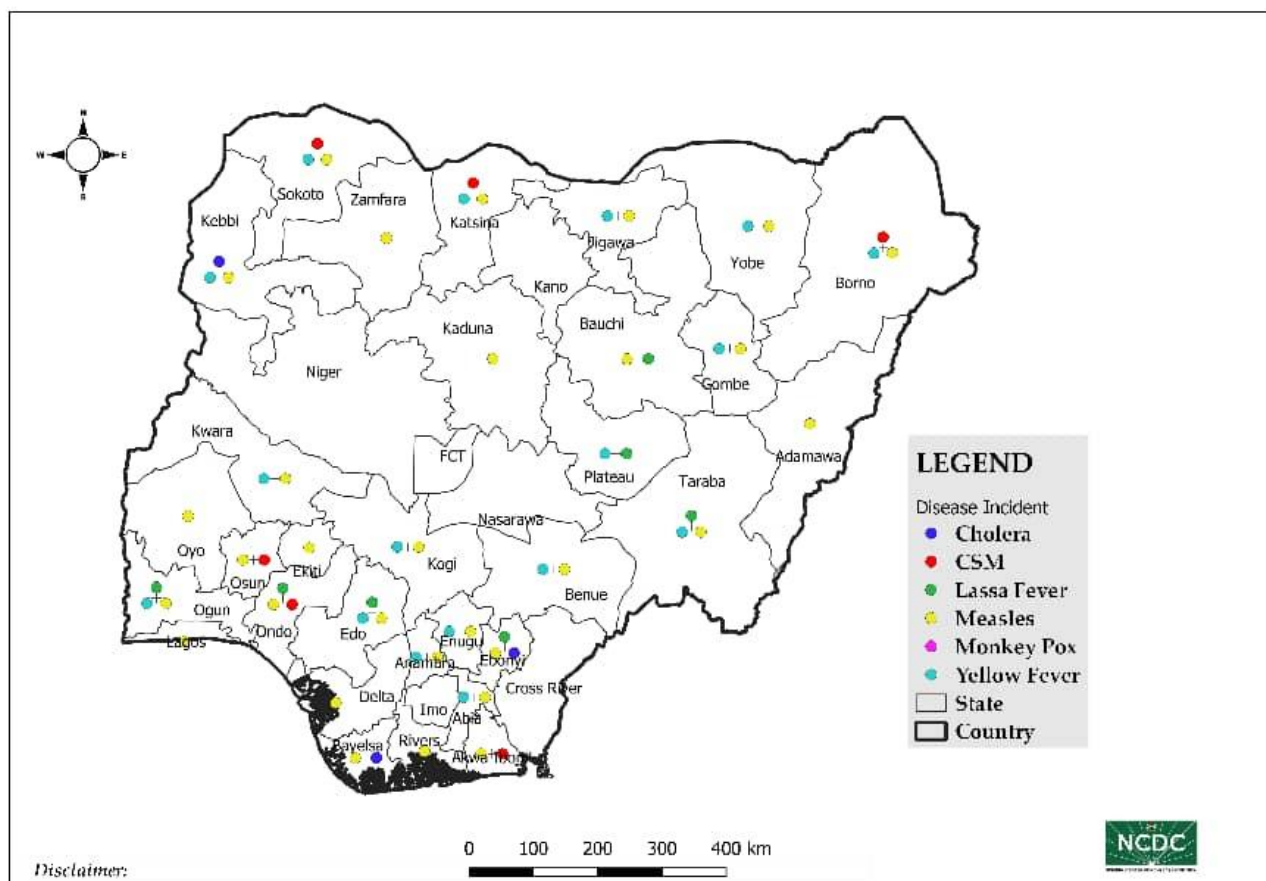
Summary of Incidents

Ongoing incidents

1

Ongoing Incidents are defined as confirmed cases where a national EOC or equivalent has been activated (EOC is currently activated for Lassa fever)

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



Data Source: SITAware

Summary

Week 6: 3rd – 9th February 2020

Lassa Fever _{1,2}	Cerebrospinal Meningitis (CSM) _{3,4}	Yellow Fever _{3,4}
482 Suspected cases	10 Suspected cases	37 Suspected cases
109 Confirmed case(s)	0 Confirmed cases	0 Confirmed cases
8 Death(s)	0 Death(s)	0 Death(s)
Cholera _{3,4}	Measles _{3,4}	Monkeypox _{1,4}
257 Suspected cases	521 Suspected cases	0 Suspected case(s)
0 Confirmed cases	17 Confirmed cases	0 Confirmed cases
4 Death(s)	1 Death(s)	0 Death(s)
Acute Flaccid Paralysis (AFP) _{3,4}	National Sentinel influenza surveillance ₅	
74 Suspected cases	0 Suspected cases	
0 Confirmed Polio	0 Confirmed cases	

Timeliness of reports ₃	Completeness of reports ₃
91.2% Last 4 weeks	96.6% Last 4 weeks
92.3% Year to date	97.7% 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 6

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
482	109	8	State: 19 LGA: 43

Year to date (week 1 – 6)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
947	1708	324	472	69	70	21.3%	14.8%

Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, Week 1 – 6, 2020

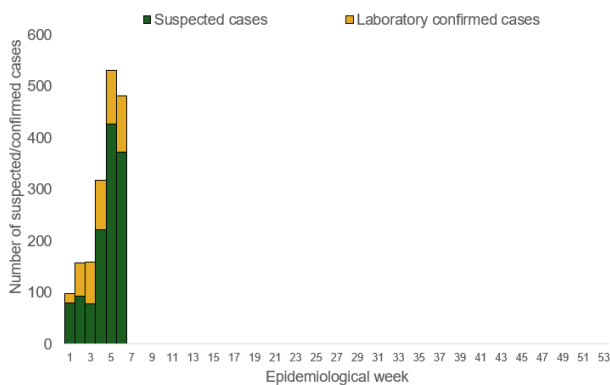
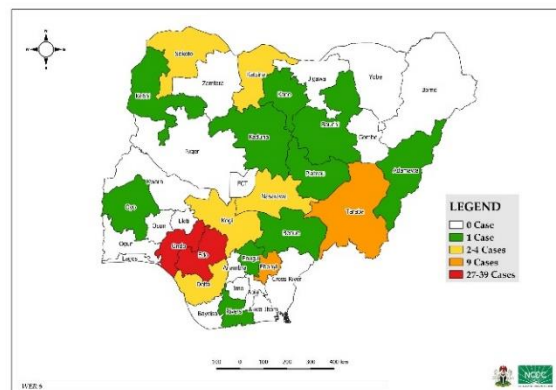


Figure 2: Location of confirmed cases of Lassa Fever by state, Nigeria, week 6, 2020



Key points

- There were 482 suspected cases, 109 confirmed cases and eight deaths recorded from 43 LGAs in 19 states
- Four new Health Care Workers were affected from Ondo, Delta and Kaduna states in the reporting week

Actions

To date:

- The National LF multi-partner, multi-sectoral EOC continues to coordinate the response activities at all levels
- Multi-sectoral, multi-disciplinary Public Health Emergency Operation Centres (PHEOC) activated in affected states
- Dissemination of reviewed IPC and safe burial guideline
- Establishment of Lassa fever laboratory at the Federal Medical Centre Owo

Planned:

- Support states to develop and implement Lassa fever response sustainability plan
- Operationalisation of LGA *sanitation desks* by Environmental Health Officers in all states
- Implement regular sanitation exercise in all states

Cerebrospinal Meningitis (CSM)

Week 6

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
10	0	0	State: 5 LGA: 8

Year to date (week 1 – 6)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
262	68	20	0	18	1	6.9%	1.5%

Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, week 1 – 6, 2020

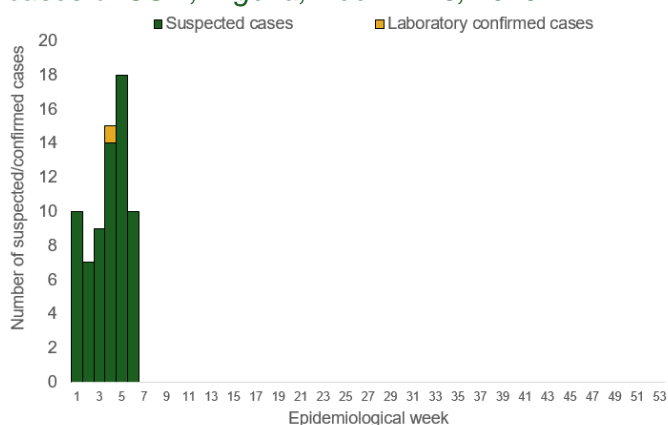
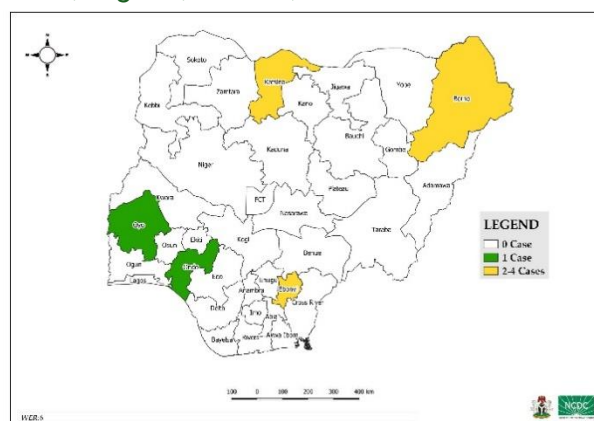


Figure 4: Location of suspected cases of CSM by State, Nigeria, week 6, 2020



Key points

- There were 10 suspected cases of Cerebrospinal Meningitis (CSM) reported from eight LGAs in five states (Borno – 2, Ebonyi – 2, Katsina – 4, Ondo - 1 & Oyo – 1). None was laboratory confirmed and no death was recorded

Actions

To date:

- The 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 6

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
37	0	0	State: 17 LGA: 21

Year to date (week 1 – 6)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
261	200	0	0	0	0	0%	0%

Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, week 1 – 6, 2020

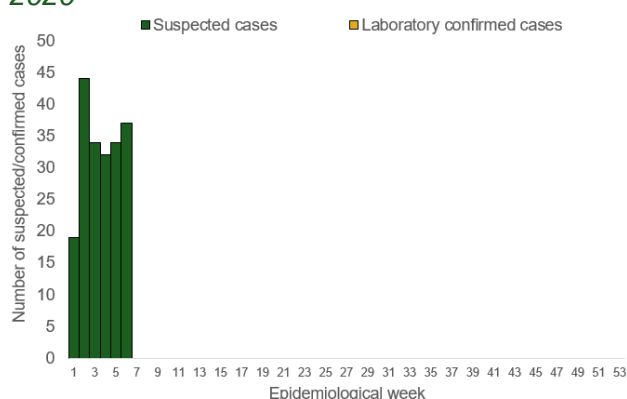
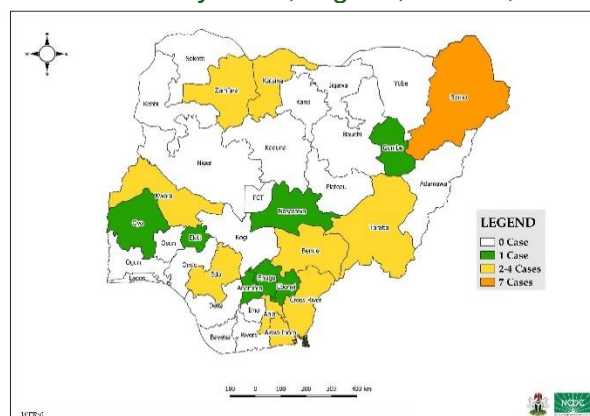


Figure 6: Location of suspected cases of Yellow Fever by State, Nigeria, week 6, 2020



Key points

- There were 37 suspected cases of yellow fever (YF) reported from 21 LGAs in 17 states. None was laboratory confirmed and no death was recorded

Actions

To date:

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

Planned:

- Continue to harmonise surveillance and laboratory data

Cholera

Week 6

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
257	0	4	State: 1 LGA: 6

Year to date (week 1 – 6)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
163	728	1	0	8	31	4.9%	4.3%

Figure 7: Number of suspected and confirmed cases of Cholera, Nigeria, week 1 – 6, 2020

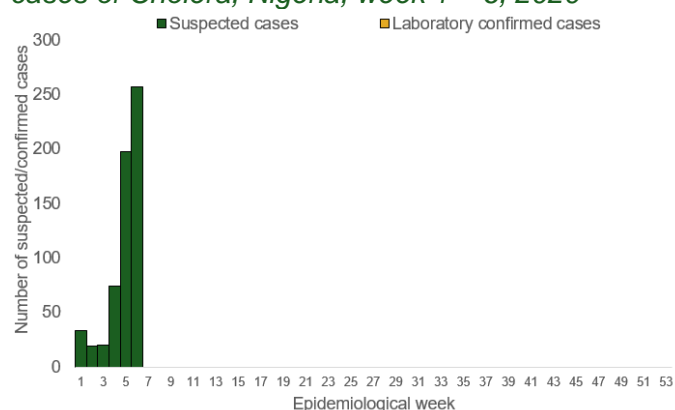


Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 6, 2020



Key points

- There were 257 suspected cases of cholera reported from six LGAs (Abakaliki – 61, Afikpo North – 82, Ezza South – 2, Ivo – 66, Izzi – 44 & Ohaukwu - 2) in Ebonyi state. None was laboratory confirmed and four deaths were recorded

Actions

To date

- The National cholera multi-sectoral Technical Working Group (TWG) is monitoring all states and supporting already affected states
- Finalise the development 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 6

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
521	17	1	State: 30 + FCT LGA: 180

Year to date (week 1 – 6)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
3723	3174	6	461	6	7	0.2%	0.2%

Figure 11: Number of suspected and confirmed cases of Measles, Nigeria, week 1 – 6, 2020

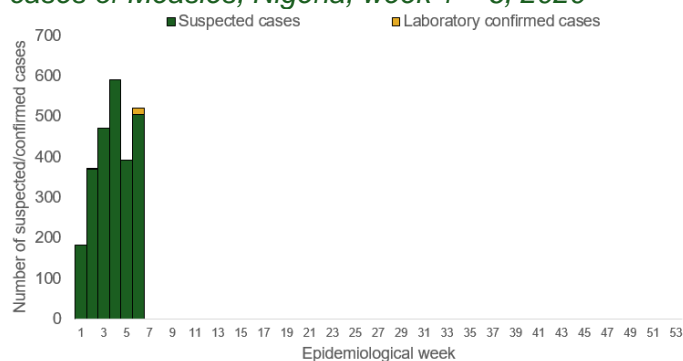
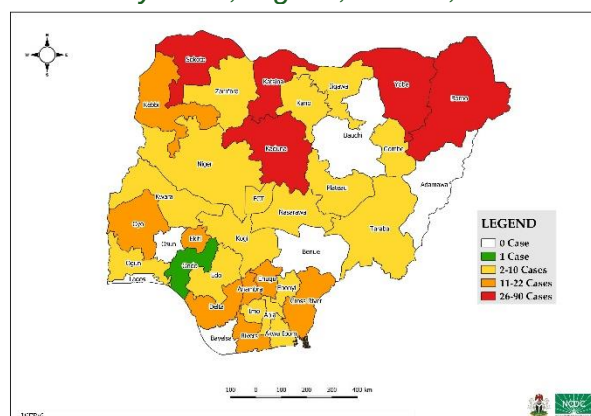


Figure 12: Location of suspected cases of Measles by State, Nigeria, week 6, 2020



Key points

- There were 521 suspected cases, 17 laboratory confirmed cases and one death reported from 180 LGAs in 30 states and FCT

Actions

To date

- The National measles Technical Working Group (TWG) is closely monitoring surveillance data and response activities across the country

Planned:

- Continue the review of measles surveillance data across the country
- Continue harmonisation of the national line list and SORMAS data

Monkeypox

Week 6

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

Year to date (week 1 – 6)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
7	7	3	0	0	0	0%	0%

Figure 13: Number of suspected and confirmed cases of Monkeypox, Nigeria, week 1–5, 2020

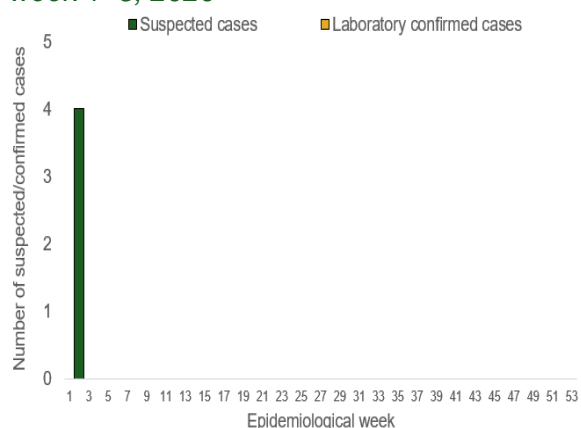
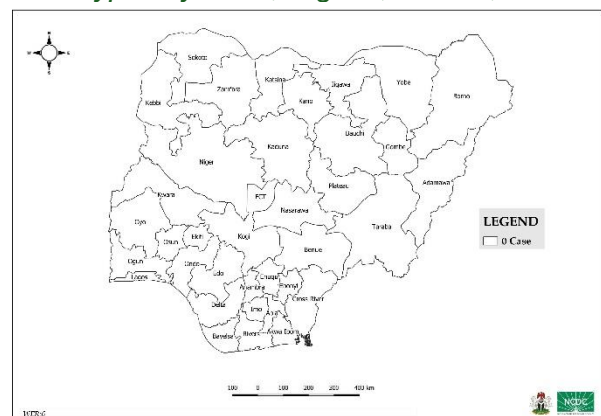


Figure 14: Location of suspected cases of Monkeypox by State, Nigeria, week 5, 2020



Key points

- There was no suspected case of monkeypox reported this week

Actions

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

Planned:

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

Acute Flaccid Paralysis (AFP)

Week 6

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
74	0	0	State: 22 + FCT LGA: 63

Year to date (week 1 – 6)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
671	462	0	0	0	0	0%	0%

Figure 15: Number of suspected and confirmed cases of AFP, Nigeria, week 1– 5, 2020

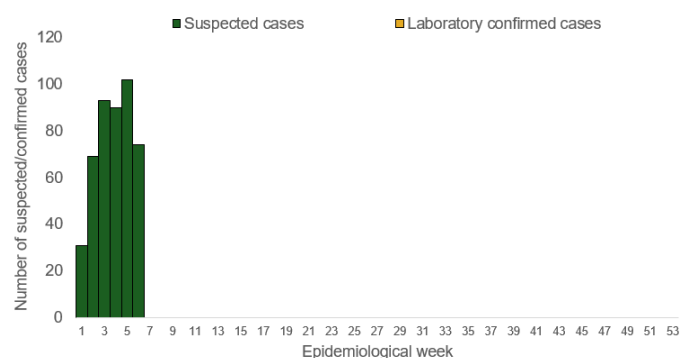
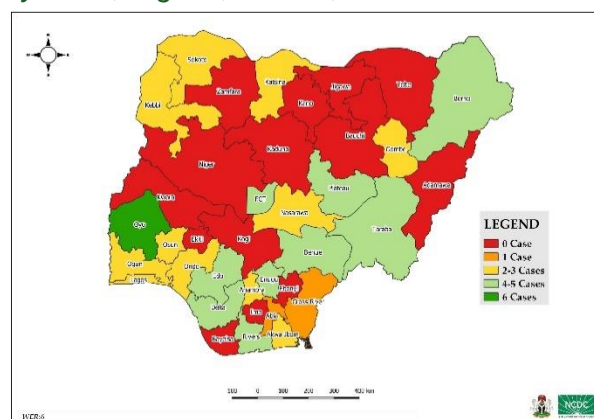


Figure 16: Location of suspected cases of AFP by State, Nigeria, week 5, 2020



Key points

- There were 74 suspected cases of AFP reported from 63 LGAs in 22 states and FCT. None was laboratory confirmed and no death was recorded

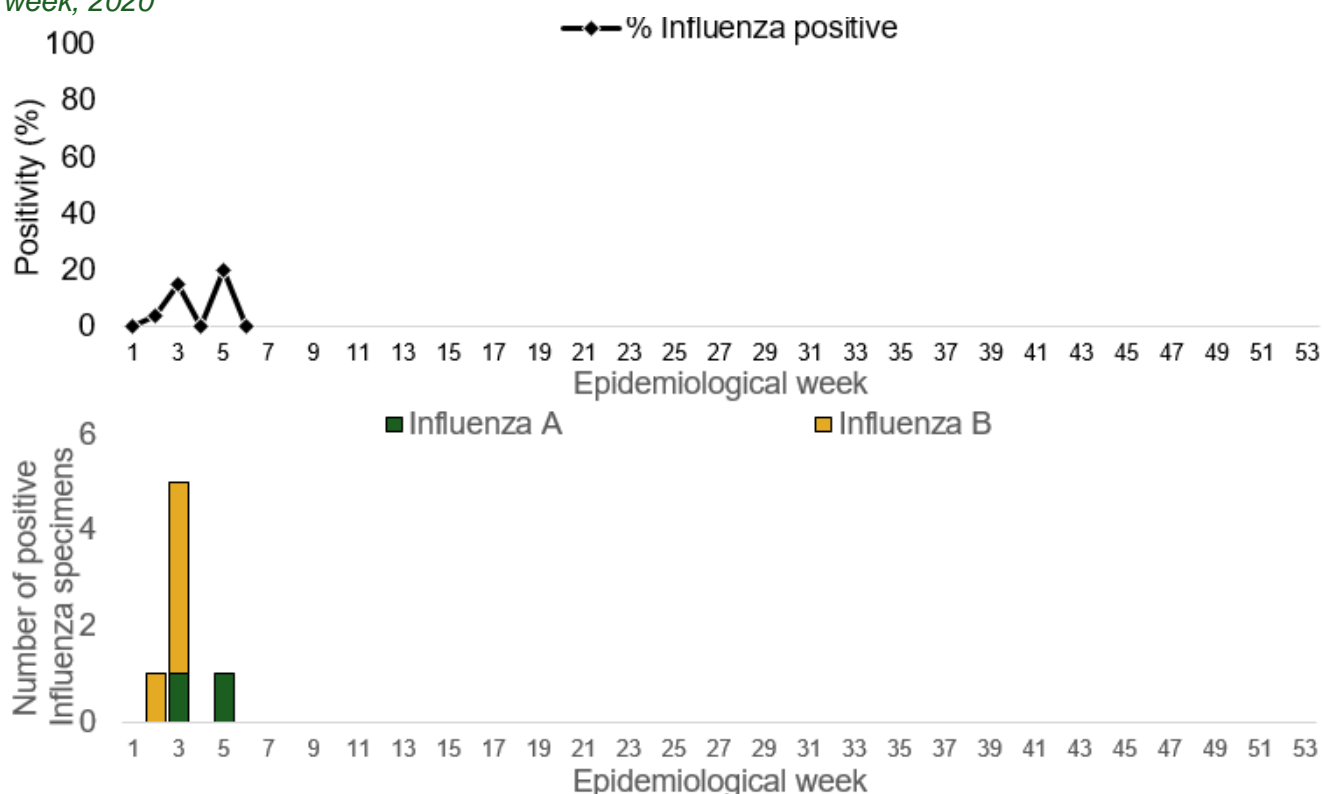
National Influenza Sentinel Surveillance

Year to date (week 1 – 6)

	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



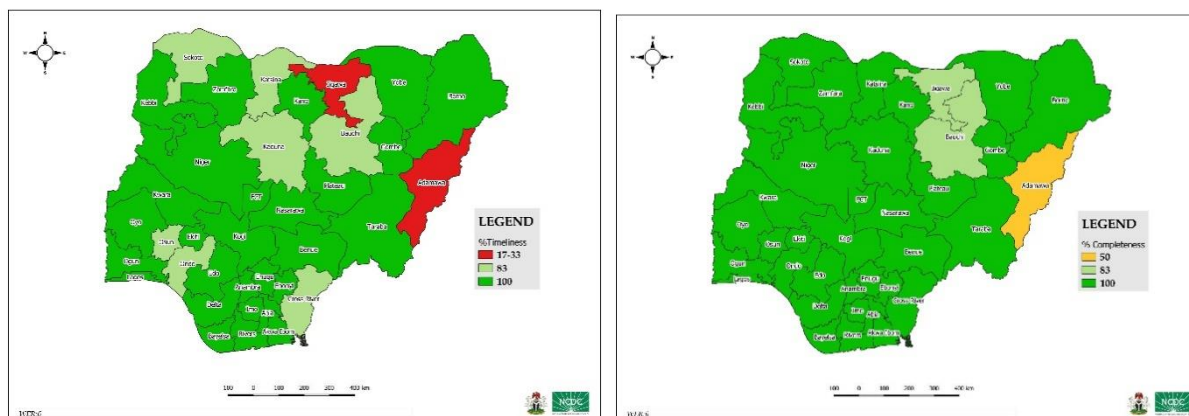
Key points

- 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 samples 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 (3 – 6, 2020)

Figure 18: A – Timeliness by State (%); B – Completeness by State (%), weeks 3 - 6, 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 Week 3 - 6	Year to date Week 1- 6
Reports sent on time	135	205
Reports sent late	8	12
Reports not received	5	5
Timeliness	91.2%	92.3%
Completeness	96.6%	97.7%

States with reports not received in 2020 (week 1 – 6)

State	Week(s) report not received
Adamawa	4, 5 & 6
Bauchi	6
Jigawa	6

Timeliness and Completeness of Reports by State

Year to date (week 1 – 6)

State	Timeliness (%)	Completeness (%)
Abia	100	100
Adamawa	33	50
Akwa Ibom	100	100
Anambra	100	100
Bauchi	83	83
Bayelsa	100	100
Benue	83	100
Borno	100	100
Cross River	83	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	17	83
Kaduna	83	100
Kano	100	100
Katsina	83	100
Kebbi	100	100
Kogi	100	100
Kwara	100	100
Lagos	100	100
Nasarawa	100	100
Niger	100	100
Ogun	100	100
Ondo	83	100
Osun	83	100
Oyo	100	100
Plateau	100	100
Rivers	100	100
Sokoto	83	100
Taraba	100	100
Yobe	100	100
Zamfara	100	100