



Nigeria Centre for Disease Control
Protecting the health of Nigerians

Weekly Epidemiological Report

Week 20: 13th May – 19th May 2019

Highlight of the week

Raising the bar on psychosocial needs for Lassa fever cases



Nigeria continues to express yearly outbreaks of Lassa fever (LF), with increase in the number of cases in the last two years. Besides the commonly known symptoms such as fever, bleeding, joint pains etc., there is an epidemiological evidence that LF is also associated with psychological variables such as depression and anxiety. In addition, stigmatisation, fear, self-blame and lack of social support also contribute to the psychosocial burden of LF.

Over the years, NCDC has responded to outbreaks of LF and other epidemic prone diseases using a multisectoral, multi-agency approach in line with global best practice. Our experience in responding to these outbreaks has highlighted a critical need to strengthen the management of psychosocial burden of LF cases. To address this, NCDC has set up a group with the responsibility to integrate psychosocial support into LF case management.

On the 2nd and 3rd of May 2019, the group convened a review meeting to identify psychosocial needs for Lassa fever cases, and develop guidelines for providing psychosocial care to both patients and their families.

The participants at the meeting included psychologists and psychiatrists (including other experts providing psychosocial care for LF management) drawn from the three main treatment centres for LF in Nigeria. These are Irrua Specialist Teaching Hospital, Federal Medical Centre, Owo and Federal Teaching Hospital, Abakaliki. An important outcome of the meeting was the development of a draft guideline for psychosocial support in the management of Lassa fever.

The goal is to complete the development of this guideline, and strategically include psychosocial care for Lassa fever and other infectious diseases in outbreak response activities. Upon development, the guideline will be made available on the NCDC website and to all treatment centres and state epidemiologists.

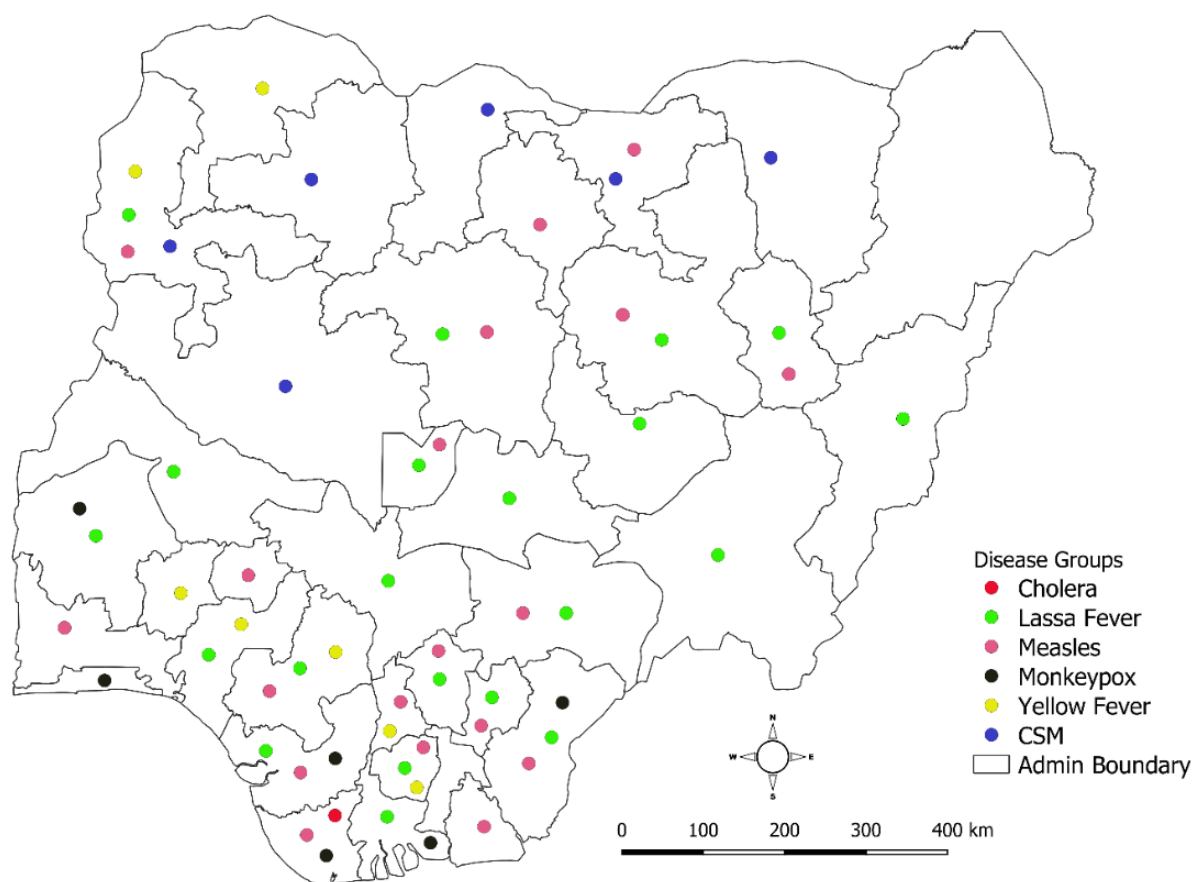
Summary of incidents

Ongoing incidents

2

Ongoing Incidents are defined as confirmed cases where a national EOC or equivalent has been activated (**EOC is currently activated Cerebrospinal meningitis and Measles**)

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



Data source: SITAware

Summary

Week 20: 13th May – 19th May 2019

Lassa Fever _{1,2}	Cerebrospinal Meningitis (CSM) _{3,4}	Yellow Fever _{3,4}
86 Suspected cases	27 Suspected cases	71 Suspected cases
6 Confirmed case(s)	0 Confirmed cases	0 Confirmed cases
1 Death(s)	0 Deaths	0 Deaths
Cholera _{3,4}	Measles _{3,4}	Monkeypox _{1,4}
17 Suspected cases	1862 Suspected cases	1 Suspected case(s)
0 Confirmed cases	0 Confirmed cases	0 Confirmed cases
0 Deaths	2 Deaths	0 Deaths
Acute Flaccid Paralysis (AFP) _{3,4}	National Sentinel influenza surveillance ₅	
153 Suspected cases	0 Suspected cases	
0 Confirmed Polio	0 Confirmed cases	

Timeliness of reports ₃	Completeness of reports ₃
89.9% Last 4 weeks	98.7% Last 4 weeks
91.6% Year to date	99.7% 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 20

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
86	6	1	State: 9 LGA: 21

Year to date (week 1 – 20)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
1940	2504	431	575	108	129	25.1%	22.4%

Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, week 1 – 20, 2019

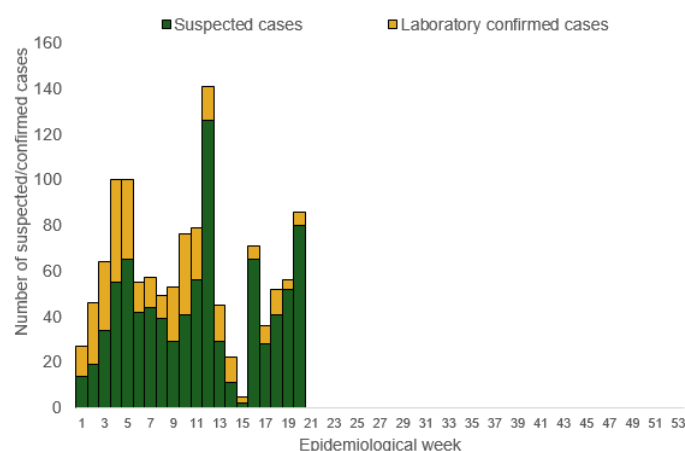
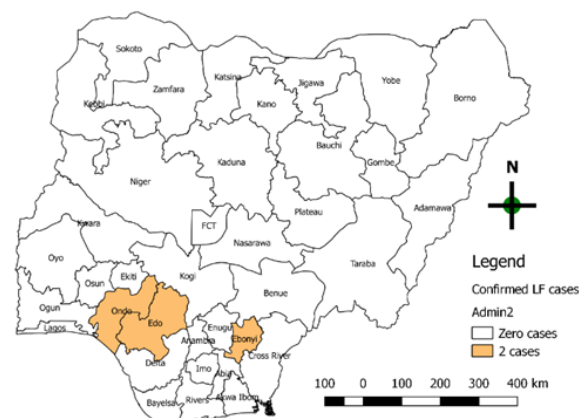


Figure 2: Location of **confirmed** cases of Lassa Fever by State, Nigeria, week 20, 2019



Key points

- There were 86 suspected cases of Lassa fever from 19 LGAs in 10 States (Edo - 45, Ondo - 19, Ebonyi - 6, Bauchi - 3, Plateau - 3, Taraba - 1, FCT - 1, Gombe - 1, Delta - 2, Kebbi - 5). Six cases from Ebonyi, Ondo and Edo States were confirmed with one death recorded.

Actions

To date:

- National Lassa fever multi-partner, multi-sectoral Technical Working Group (TWG) continues to coordinate response activities at all levels

Planned:

- Psychosocial support guideline development workshop
- Support indigent patients with treatment cost through Basic Health Care Provision Funds
- Harmonisation of LF laboratory and surveillance data into one database platform is ongoing

Cerebrospinal Meningitis (CSM)

Week 20

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
27	0	0	State: 10 LGA: 12

Year to date (week 1 – 20)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
4072	1271	318	96	348	62	8.5%	4.9%

Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, week 1 – 20, 2019

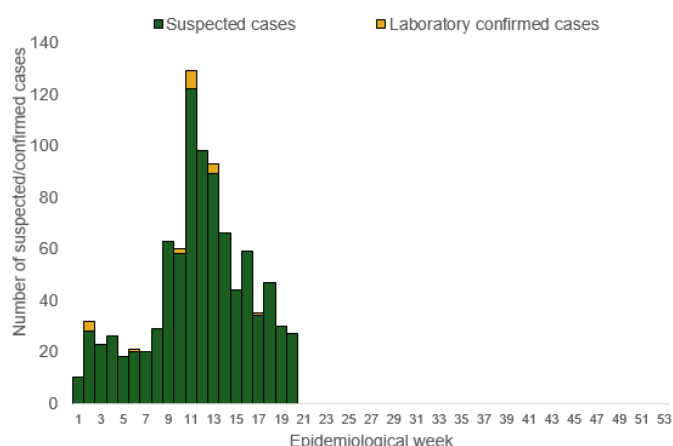
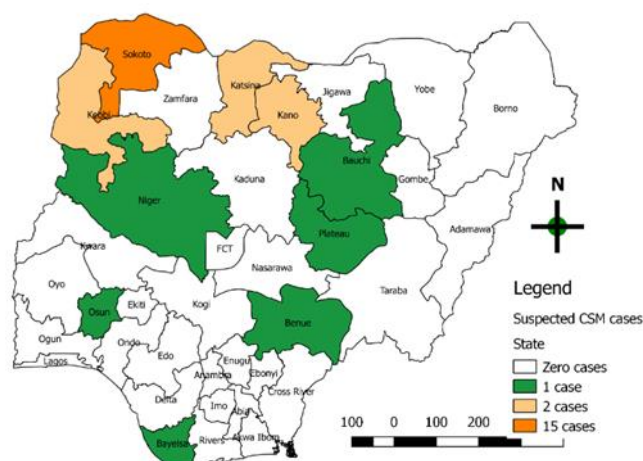


Figure 4: Location of suspected cases of CSM by State, Nigeria, week 20, 2019



Key points

- There were 27 suspected cases of Cerebrospinal Meningitis reported from 12 LGAs in 10 States (Bauchi – 1, Bayelsa – 1, Benue – 1, Kano – 2, Katsina – 2, Kebbi – 2, Niger – 1, Osun – 1, Plateau – 1 & Sokoto - 15). There was no laboratory confirmed case(s) and no death(s) recorded
- Sabon Birni LGA, Sokoto State crossed alert threshold in week 20.

Actions

To date:

- The National CSM Emergency Operations Center meets weekly to review the situation

Planned:

- Intensify surveillance in all States by providing onsite/offsite support
- Continue follow-up with the States to enhance reporting and preparedness
- Conclude the recalling process of Ceftriaxone (about to expire) from Cross River State
- Continue engagement with Sokoto State on CSM case management training for Clinicians

Yellow Fever

Week 20

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
71	0	0	State: 27 LGA: 63

Year to date (week 1 – 20)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
940	1025	8	15	0	2	0%	0.2%

Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, week 1 – 20, 2019

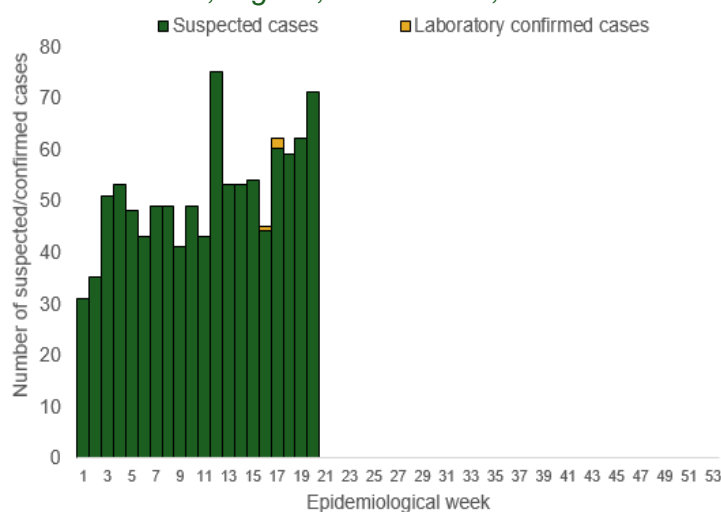
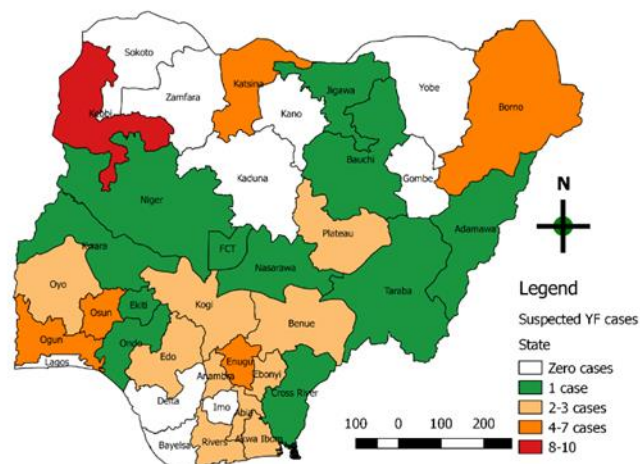


Figure 6: Location of suspected cases of Yellow Fever by State, Nigeria, week 20, 2019



Actions

To date:

- A multiagency Yellow fever TWG is coordinating the response activities
- Yellow fever surveillance is enhanced in all the States
- The second draft of the yellow fever National Guideline on Preparedness and Response has been completed

Planned:

- YF Reactive vaccination campaign in Edo State (5 LGAs), Ondo State (7 LGAs) and Delta State (1 LGA) tentatively scheduled to commence on the 30th May, 2019
- Yellow fever 2019 Preventive mass vaccination campaign to take place in Katsina, Edo, Ekiti and Rivers States

Cholera

Week 20

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
17	0	0	State: 3 LGA: 5

Year to date (week 1 – 20)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
9888	739	117	8	127	28	1.3%	3.8%

Figure 7: Number of suspected and confirmed cases of Cholera, Nigeria, week 1 – 20, 2019

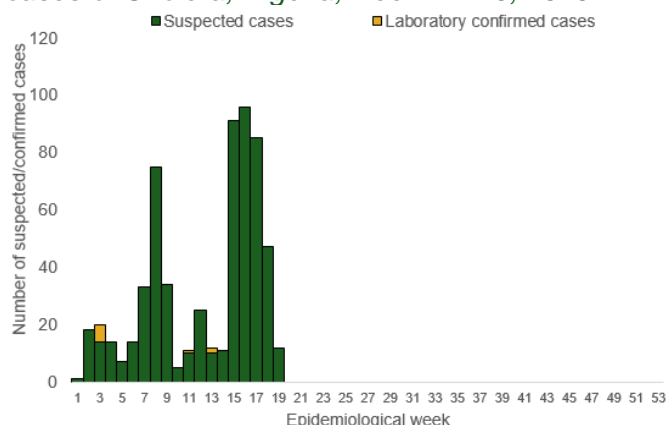
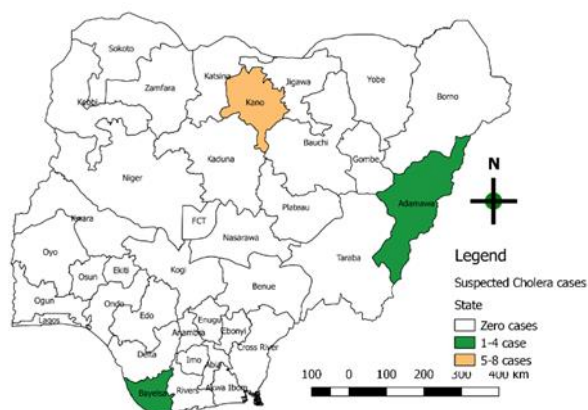


Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 20, 2019



Key points

There were 17 suspected cases of cholera reported from 5 LGAs in 3 States (Bayelsa (4), Adamawa (5) & Kano (8)). None was laboratory confirmed and no death was recorded.

Actions

To date:

- NCDC cholera Technical Working Group (TWG) continues to coordinate Cholera activities in States in collaboration with FMWR and support from partners
- Routine monitoring of States through IDSR
- Assessment of level of preparedness in all States, so far only 17 States responded
- Cholera specific jingles developed and other IECs reviewed
- Cholera 2019 National preparedness and response Plan finalized.

Planned:

- Continuous monitoring of all States
- Support all States on Cholera outbreak preparedness
- Print and disseminate IECs to all States
- Continuous collaboration with FMWR, FMEv and partners

Measles

Week 20

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
1862	0	2	State: 35 LGA: 234

Year to date (week 1 – 20)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
9966	30669	13	33	93	91	0.9%	0.3%

Figure 11: Number of suspected and confirmed cases of Measles, Nigeria, week 1 – 20, 2019

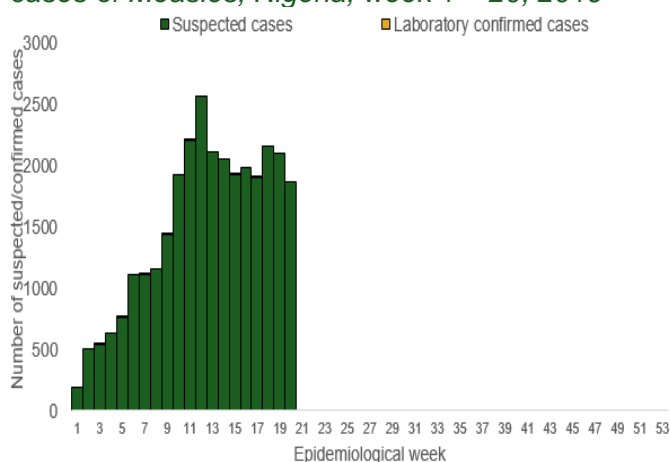
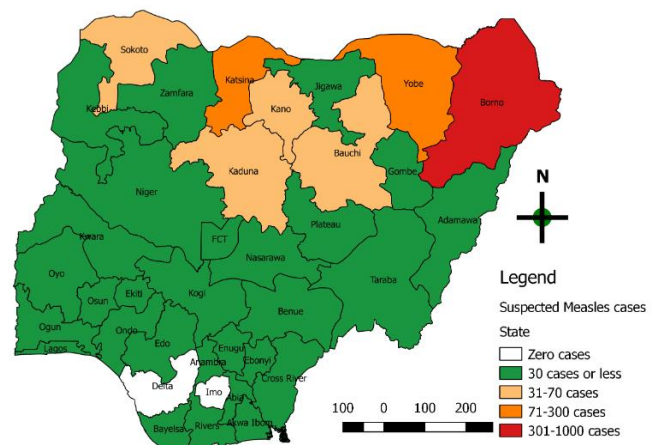


Figure 12: Location of suspected cases of Measles by State, Nigeria, week 20, 2019



Key points

- There were 1862 suspected cases reported from 34 States and FCT. None was laboratory confirmed and two deaths were recorded

Actions

To date:

- The multi-agency National Measles EOC is monitoring and coordinating response activities across the States
- Reactive measles vaccination conducted in Borno State
- Media messages developed and disseminated across social and conventional media
- Case management guideline developed and disseminated
- Throat swab specimen collected in Borno, Yobe, Adamawa and Kaduna for viral isolation and genotyping

Planned:

- A biweekly teleconference with Borno, Yobe, Adamawa and Katsina States to follow up on outbreak response activities
- Intensify surveillance and updating of Measles line list

Monkey pox

Week 20

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

Year to date (week 1 – 20)

Suspected case s		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
44	42	20	23	1	0	2.3%	0%

Figure 13: Number of suspected and confirmed cases of Monkeypox, Nigeria, week 1–20, 2019

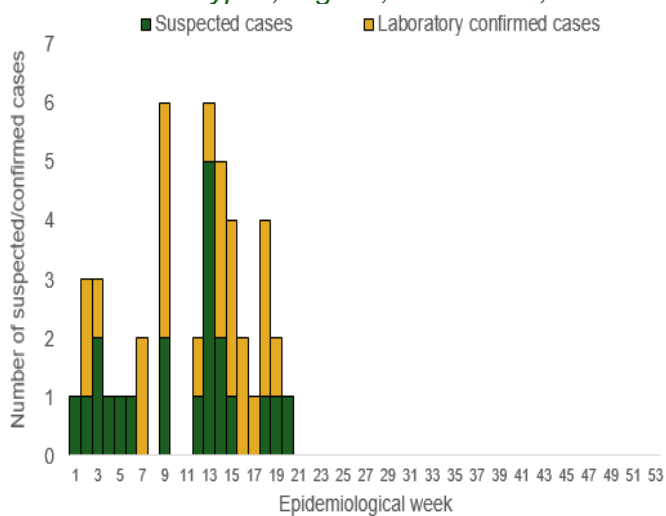
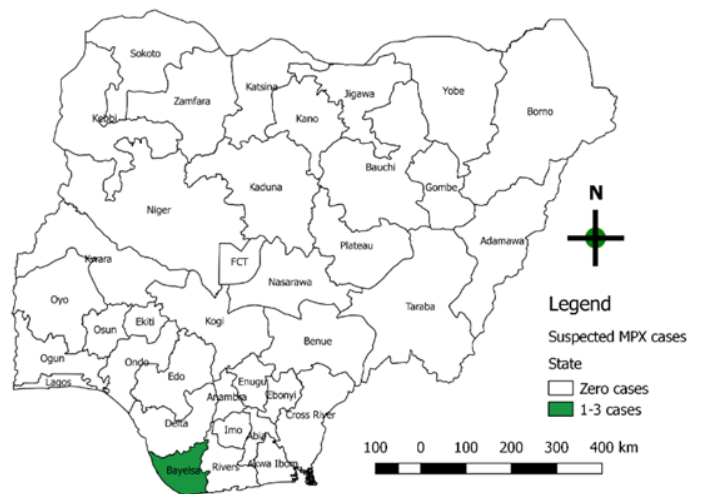


Figure 14: Location of suspected cases of Monkeypox by State, Nigeria, week 20, 2019



Key points

- One new suspected case reported from Bayelsa State tested negative for MPX but positive for VZV.

Actions

To date:

- Surveillance has been enhanced in all affected States

Planned:

- Deployment of RRT to Bayelsa, Cross River, Delta and Lagos States
- Supportive supervision to silent States (Akwa Ibom, Abia, Anambra, Imo)

Acute Flaccid Paralysis (AFP)

Week 20

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
153	0	0	State: 34 LGA: 136

Year to date (week 1 – 20)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
3318	2738	0	0	0	0	0%	0%

Figure 15: Number of suspected and confirmed cases of AFP, Nigeria, week 1– 20, 2019

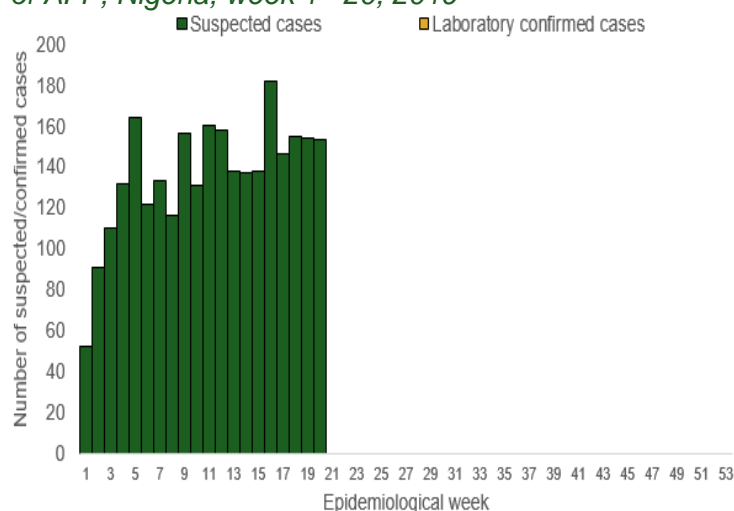
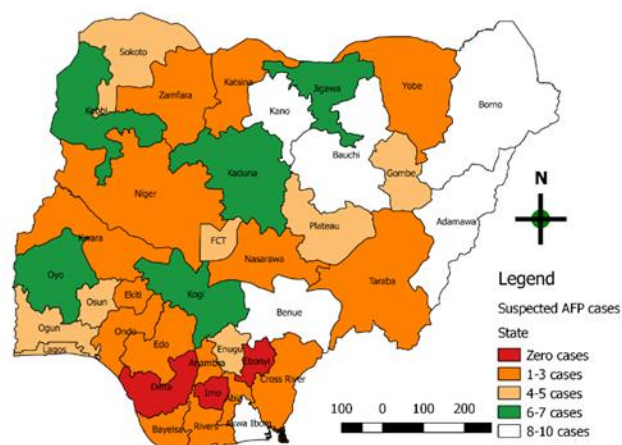


Figure 16: Location of suspected cases of AFP by State, Nigeria, week 20, 2019



Key points

- In the reporting week, 153 suspected cases of AFP were reported from 135 LGAs in 33 States and FCT
- As at 19th May, 2019, no new case of WPV was recorded
- The last reported case of polio in Nigeria was in August 2016

Actions

To date:

- Complete Documentation report review mission by International Support Team (West Africa) is ongoing.
- The first round of outbreak response (OBR) targeted at the South western States has been concluded and plans are ongoing for the second round.

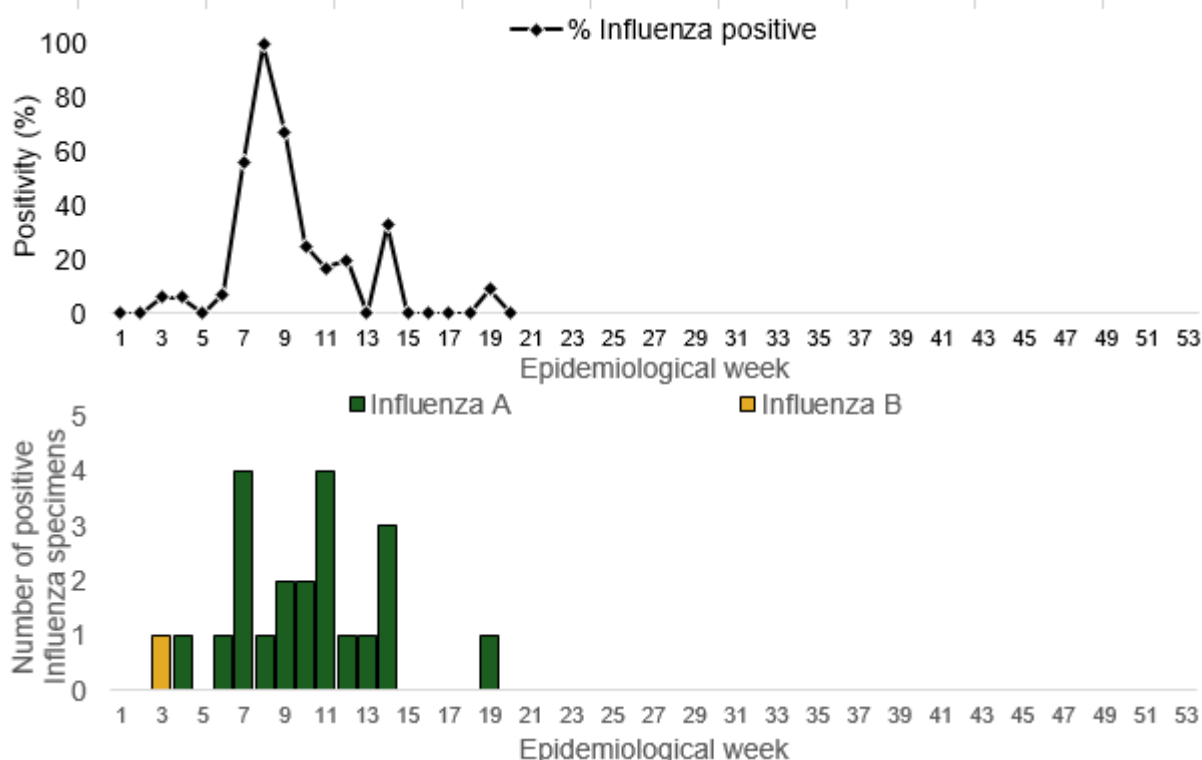
National Influenza Sentinel Surveillance

Year to date (week 1 – 20)

	Suspected cases	Suspected ILI	Suspected SARI
Number (Percentage)	181	165(91.2%)	16(8.8%)

	Confirmed cases		Confirmed ILI		Confirmed SARI	
	Influenza A	Influenza B	Influenza A	Influenza B	Influenza A	Influenza B
Number	21	1	18	1	3	0
Positivity (%)	12.2%	0.6%	10.9%	0.61%	18.8%	0%

Figure 17: Number of influenza positive specimens by type and percent positive by epidemiological week, 2019



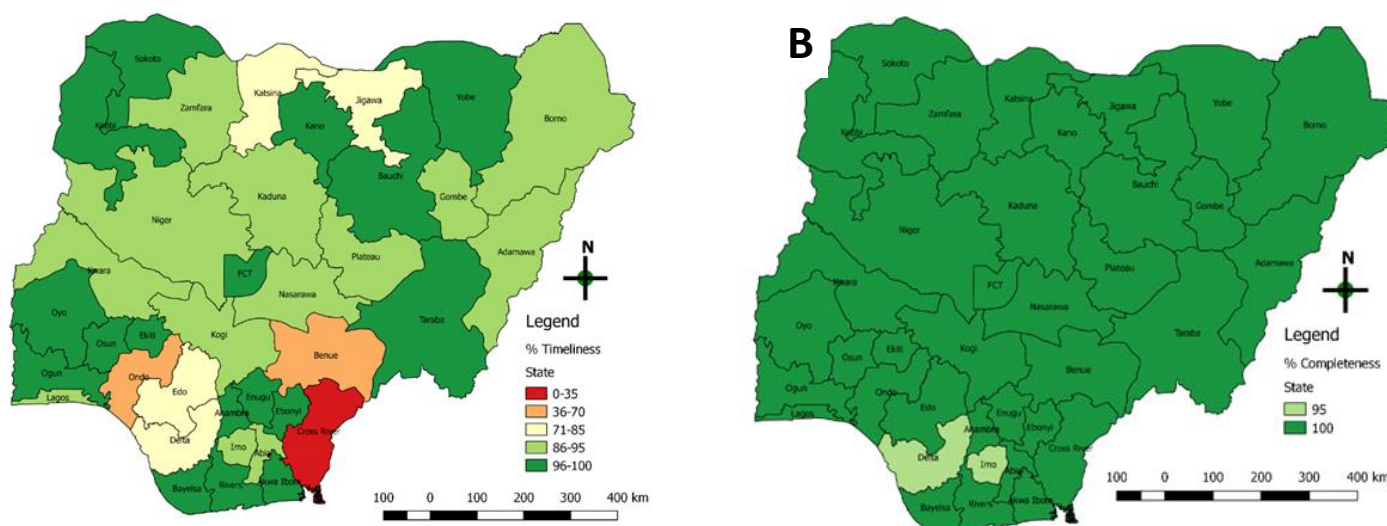
Key points

- There was a positive case of Influenza subtype A&B (4.43.1%)
- The predominant Influenza A subtype so far this year was A seasonal H3 19 (95%).
- The predominant Influenza B subtype so far this year was B not subtyped 2(100%).
- The percentage influenza positive was highest (100.0%) in week 8

Timeliness and completeness of reports

Last 4 weeks (week 17 - 20, 2019)

Figure 18: A – Timeliness by State (%); B – Completeness by State (%), week 17 – 20, 2019



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 17 – 20	Year to date Week 1- 20
Reports sent on time	133	678
Reports sent late	13	60
Reports not received	2	2
Timeliness	89.9%	91.6%
Completeness	98.7%	99.7%

States with reports not received in 2019 (week 1 – 20)

State	Week(s) report not received
Delta	20
Imo	20

Timeliness and completeness of reports by state

Year to date (week 1 – 20)

State	Timeliness (%)	Completeness (%)
Abia	90	100
Adamawa	90	100
Akwa Ibom	100	100
Anambra	100	100
Bauchi	100	100
Bayelsa	100	100
Benue	60	100
Borno	95	100
Cross River	35	100
Delta	80	95
Ebonyi	100	100
Edo	85	100
Ekiti	100	100
Enugu	100	100
FCT	100	100
Gombe	95	100
Imo	90	95
Jigawa	80	100
Kaduna	95	100
Kano	100	100
Katsina	85	100
Kebbi	100	100
Kogi	90	100
Kwara	95	100
Lagos	90	100
Nasarawa	90	100
Niger	90	100
Ogun	100	100
Ondo	70	100
Osun	100	100
Oyo	100	100
Plateau	90	100
Rivers	100	100
Sokoto	100	100
Taraba	100	100
Yobe	100	100
Zamfara	95	100