



Weekly Epidemiological Report

Week 19: 6th May – 12th May 2019

Highlight of the week

NCDC Launches Turn Nigeria Orange Project



In providing care to patients, health care workers are particularly vulnerable to infection. This would often occur in context where there is poor infection prevention and control (IPC) practice. During the 2018 Lassa fever outbreak, there were infections and deaths among health workers. A paper was published [here](#) to describe this.

Following lessons learnt and to prevent the spread of nosocomial infections, the Nigeria Centre for Disease Control has launched a national IPC programme called **“Turn Nigeria Orange Project” (TNO)**. This is a comprehensive five-year programme (2019 -2023) aimed at supporting health facilities across Nigeria, in setting up IPC programmes particularly hand hygiene. The goal is to use a multimodal strategy to develop and implement hand hygiene programmes.

To raise awareness on the project and as a show of political commitment to health security, the Chairman of the Senate Committee on Health, Distinguished Senator Lanre Tejuoso was selected to serve as the national IPC champion. In this role, the Distinguished Senator will support in raising awareness about, and encourage participation in hand hygiene activities.

Over the next five years, the core components of the TNO programme that will be implemented using multimodal strategies at the national and health facility levels are: IPC training programmes at national and health facility level; review and dissemination of the national IPC Guidelines; IPC education and training; monitoring, audit and feedback, among others.

The NCDC continues to work closely with partners including Germany’s national public health institute, the Robert Koch Institute (RKI). RKI has supported the strengthening of IPC capacity at NCDC and health facilities.

The NCDC remains committed to developing structures and designing interventions to protect the health of all Nigerians, especially health workers. Health workers are advised to practice universal care precautions and hand hygiene, at all times. Clean hands save lives!

Editor’s note: Do you know that the World Health Organisation celebrates annual World Hand hygiene Day on the 5th of May every year? The NCDC recently joined the global community to celebrate the Hand hygiene Day on the 5th of May 2019.

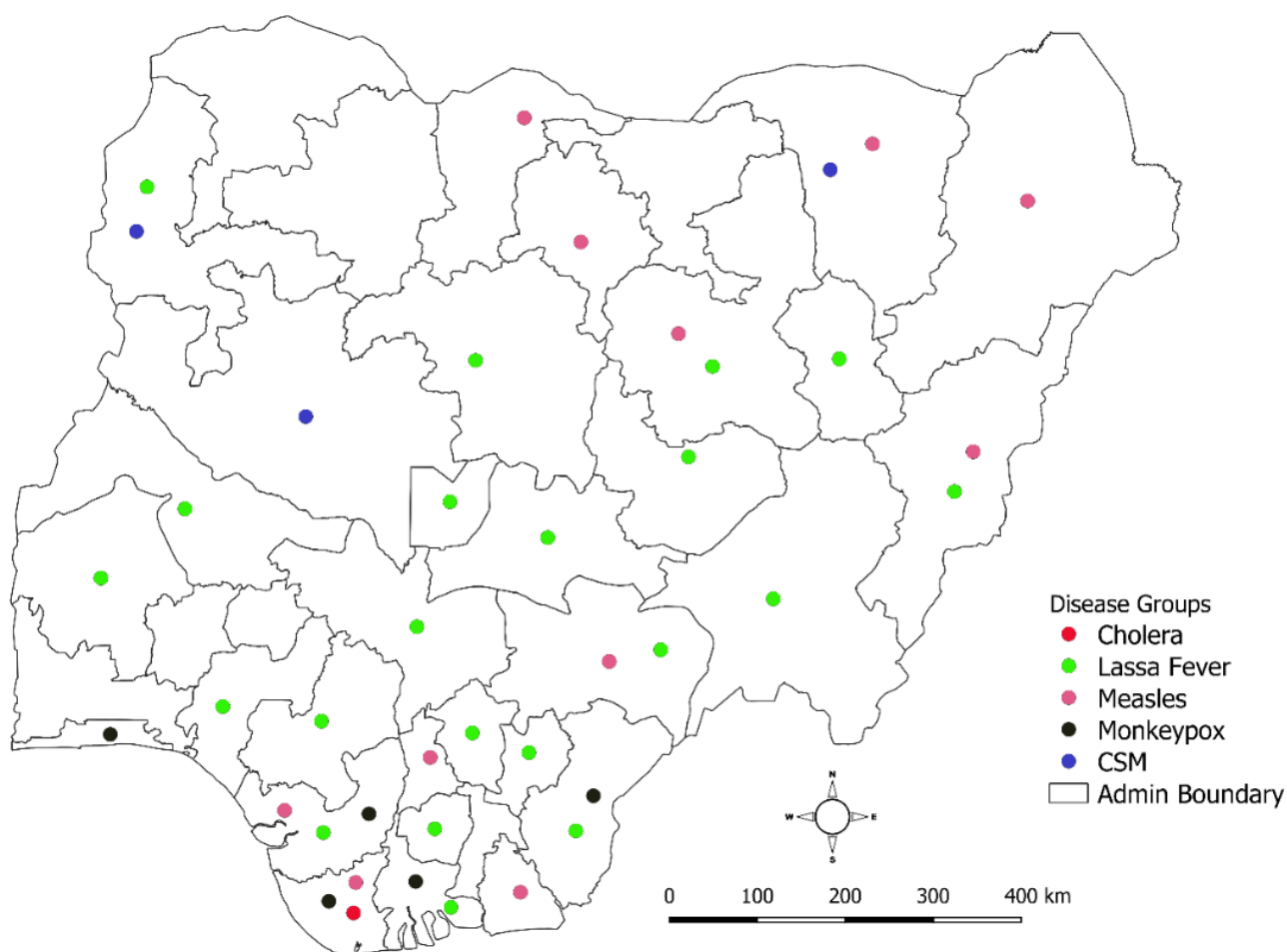
Summary of incidents

Ongoing incidents

3

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

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



Data source: SITAware

Summary

Week 19: 6th April – 12th May 2019

Lassa Fever _{1,2}	Cerebrospinal Meningitis (CSM) _{3,4}	Yellow Fever _{3,4}
56 Suspected cases	30 Suspected cases	62 Suspected cases
4 Confirmed cases	0 Confirmed cases	0 Confirmed cases
0 Deaths	1 Deaths	0 Deaths
Cholera _{3,4}	Measles _{3,4}	Monkeypox _{1,4}
12 Suspected cases	2092 Suspected cases	2 Suspected cases
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	
154 Suspected cases	11 Suspected cases	
0 Confirmed Polio	1 Confirmed cases	

Timeliness of reports ₃	Completeness of reports ₃
87.8% Last 4 weeks	100% Last 4 weeks
91% 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

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
56	4	0	State: 10 LGA: 19

Year to date (week 1 – 19)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
1914	2426	428	569	107	128	25%	22.5%

Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, week 1 – 19 2019

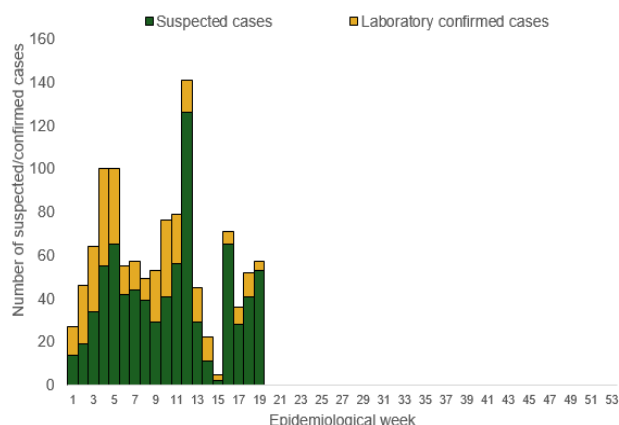
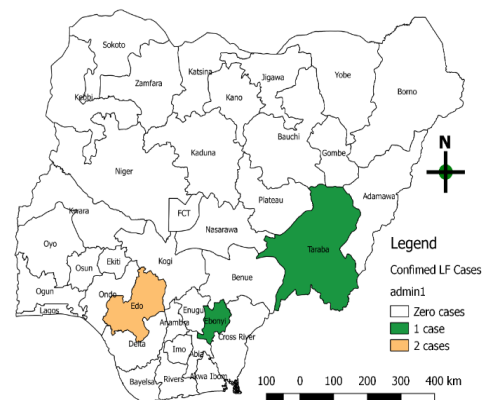


Figure 2: Location of **confirmed** cases of Lassa Fever by State, Nigeria, week 19, 2019



Key points

- There were 56 suspected cases of Lassa Fever in 10 states (Edo 30, Ondo 7, Ebonyi 8, Bauchi 2, Plateau 2, Taraba 1, Kogi 2, Enugu 1, Ogun 1, Kebbi 2). Four cases were confirmed from Edo, Ebonyi and Taraba States with no deaths.

Actions

To date:

- National Lassa fever multi-partner, multi-sectoral Technical Working Group (TWG) continues to coordinate the response activities at all levels
- Multi sectoral one health national rapid response teams (NCDC and FMEnv) deployed to Kebbi State
- Outbreak emergency phase has been declared over based on composite indicators

Planned:

- Support FMEnv to conduct LF National Environmental Response (Community rodent control, hygiene promotion) in collaboration with WHO
- 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)

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
30	0	1	State: 10 LGA: 18

Year to date (week 1 – 19)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
4048	1226	318	96	349	62	8.6%	5.1%

Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, week 1 – 19, 2019

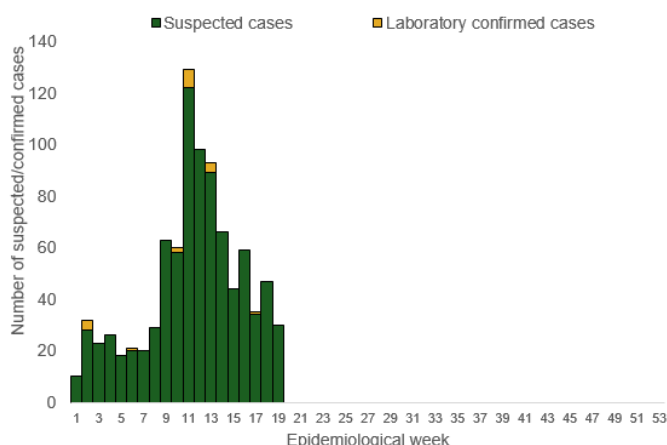
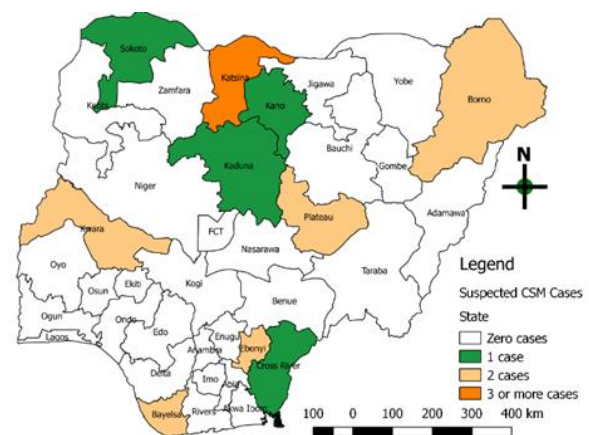


Figure 4: Location of suspected cases of CSM by State, Nigeria, week 19, 2019



Key points

- There were 30 suspected cases of Cerebrospinal Meningitis reported from 18 LGAs in 10 States (Bauchi 2, Borno 2, Cross River 1, Ebonyi 3, Kaduna 1, Katsina 14, Kano 1, Kwara 2, Plateau 3, Sokoto 1). Of these, none was laboratory confirmed and no deaths were recorded

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
- Continued engagement with Sokoto State on lumbar puncture training for Clinicians
- Training of other prioritized States on CSM case management, sample and data management in conjunction with Laboratory and Surveillance pillars

Yellow Fever

Week 19

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
62	0	0	State: 21 LGA: 51

Year to date (week 1 – 19)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
889	954	8	12	0	2	0%	0.2%

Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, week 1 – 19, 2019

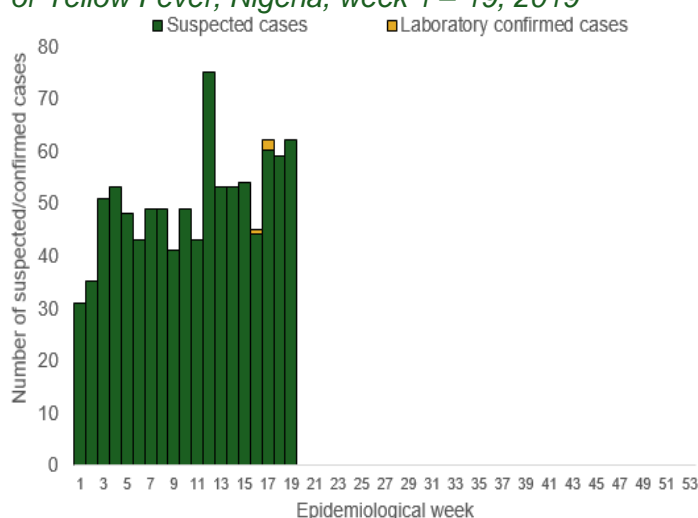
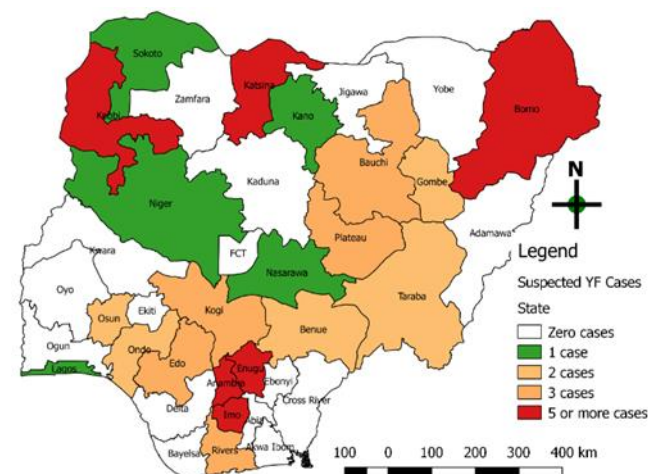


Figure 6: Location of suspected cases of Yellow Fever by State, Nigeria, week 19, 2019



Actions

To date:

- A multiagency yellow fever TWG is coordinating the response activities
- Offsite support is being provided to Ondo and Delta States
- Yellow fever surveillance is enhanced in all the States and harmonization of surveillance and laboratory data is ongoing
- Training on yellow fever testing for the three new laboratories (UBTH, UNTH and NRL Gaduwa) is completed
- 2nd draft of the yellow fever national guideline on preparedness and response completed

Planned:

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

Cholera

Week 19

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
12	0	0	State: 3 LGA: 5

Year to date (week 1 – 19)

Suspected cases	Confirmed cases	Deaths	CFR
2018 2019	2018 2019	2018 2019	2018 2019
8825 722	102 8	107 28	1.2% 3.9%

Figure 7: Number of suspected and confirmed cases of Cholera, Nigeria, week 1 – 19, 2019

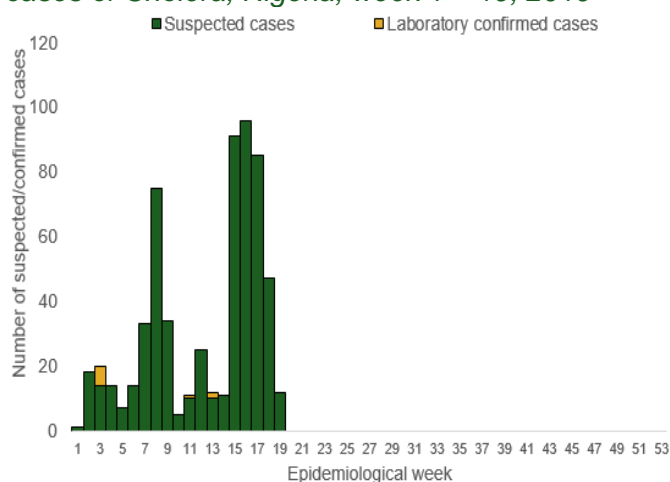
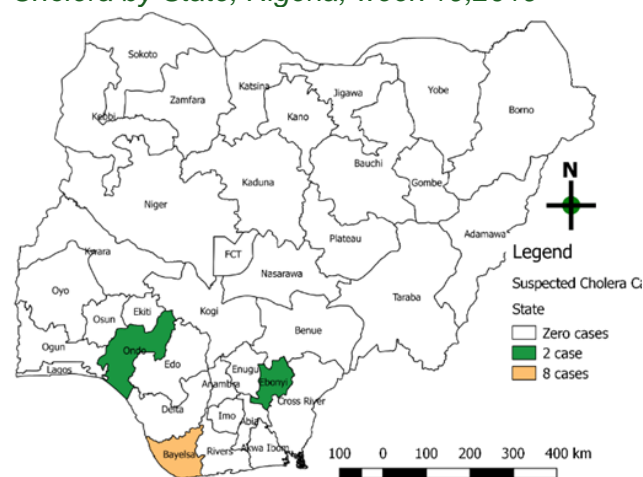


Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 19, 2019



Key points

There were 12 suspected cases of cholera reported from five LGAs in two States (Bayelsa 8, Ebonyi 2 & Ondo 2). None was laboratory confirmed and no death 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
- 2019 national preparedness and response plan has been developed
- Stock of cholera response commodities has been reviewed

Planned:

- Continuous monitoring of all States
- Assessment of State's level preparedness and prepositioning of resources
- Anambra State is planning a sensitisation campaign on cholera
- Second round of OCV campaign to be conducted in Argungu, Kebbi State and Michika, Adamawa State is now pending due to global stock out of OCV

Measles

Week 19

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
2092	0	2	State: 36 LGA: 241

Year to date (week 1 – 19)

Suspected cases	Confirmed cases	Deaths	CFR
2018 2019	2018 2019	2018 2019	2018 2019
9682 28807	131 819	87 95	% 0.33%

Figure 11: Number of suspected and confirmed cases of Measles, Nigeria, week 1 – 19, 2019

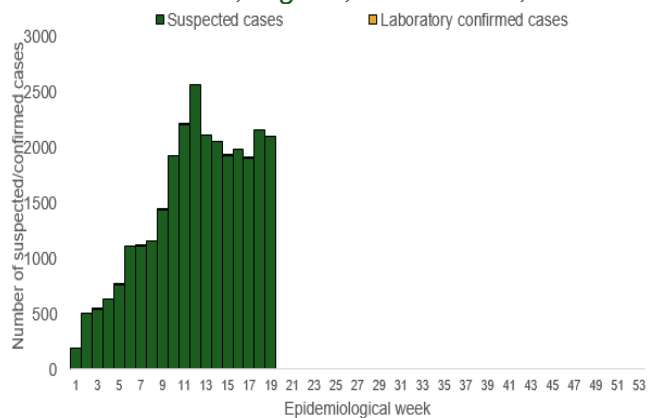
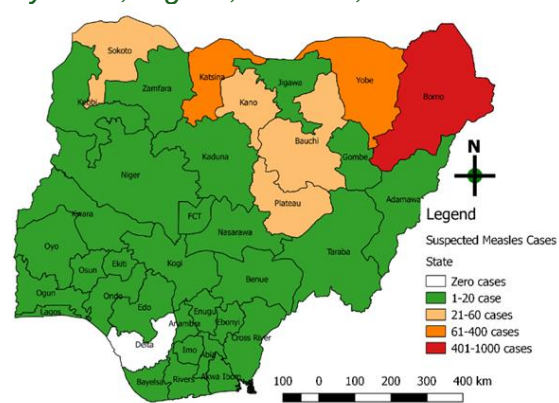


Figure 12: Location of suspected cases of Measles by State, Nigeria, week 19, 2019



Key points

- There were 2092 suspected cases reported from 35 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
- Phase II reactive measles vaccination conducted in 13 LGAs (24 wards) of Borno state (Bama, Biu, Damboa, Gubio, Gwoza, Jere, Konduga, Mafa, Magumeri, Maiduguri, Mobbar, Monguno & Ngala)
- A Mop up was conducted from 19th – 20th May, 2019
- Media messages were developed and disseminated across social and conventional media
- Case management guideline was developed and disseminated
- Throat swab specimen collected in Borno, Yobe, Adamawa and Kaduna States for viral isolation and genotyping

Planned:

- Teleconference next week with Borno, Yobe, Adamawa and Katsina States to follow up on outbreak response activities
- Follow up with Borno State on the progress of reactive vaccination activities
- Intensify surveillance and updating of Measles line list

Monkey pox

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

Year to date (week 1 – 19)

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 1–19, 2019

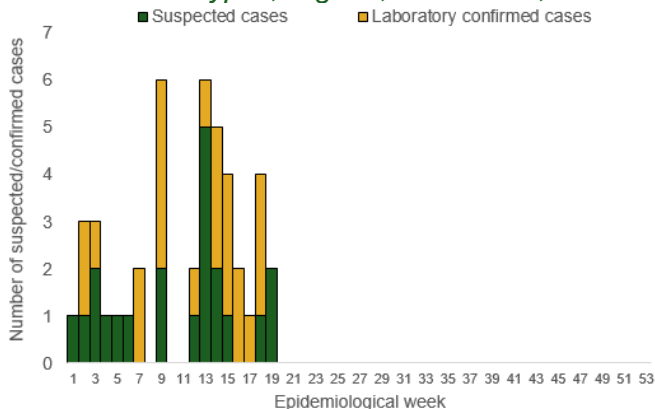
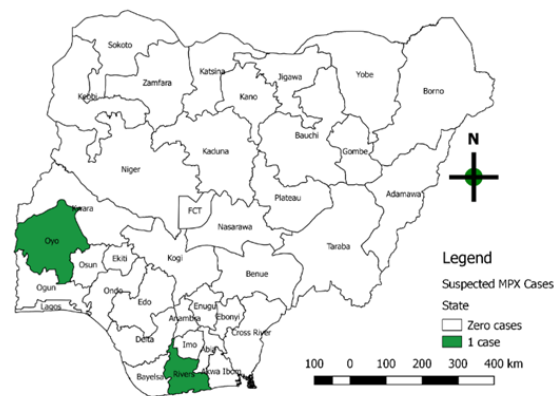


Figure 14: Location of suspected cases of Monkeypox by State, Nigeria, week 19, 2019



Key points

- Two new suspected cases were reported from Rivers (1) and Oyo (1). The case from Rivers was inconclusive while that from Oyo tested negative for monkey pox.

Actions

To date:

- Surveillance has been enhanced in all affected States
- Deployment of RRT to Oyo State to support case investigation and contact tracing
- Animal surveillance was successfully carried out in Bayelsa, Cross River and Edo States
- A zoom meeting took place with the Singapore team in respect to the exported case reported via IHR

Planned:

- Deployment of RRT to Bayelsa, Cross River, Delta and Lagos States
- Supportive supervision to silent States (Akwa Ibom, Abia, Anambra, Imo)
- Follow up meeting is planned for next week with Singapore team in respect of the exported case

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
154	0	0	State: 34 LGA: 135

Year to date (week 1 – 19)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
3152	2585	0	0	0	0	0%	0%

Figure 15: Number of suspected and confirmed cases of AFP, Nigeria, week 1–19, 2019

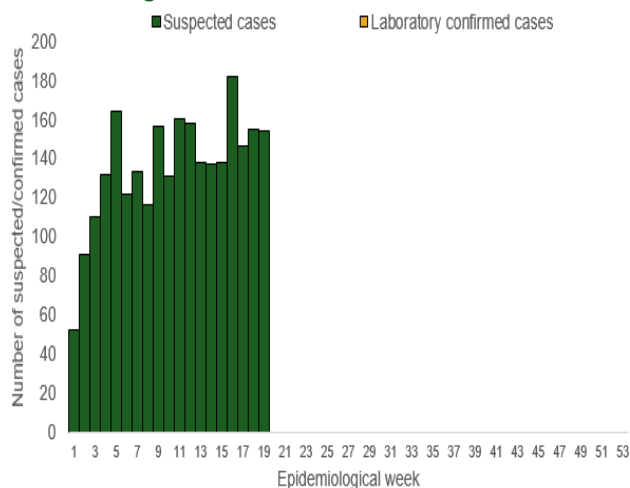
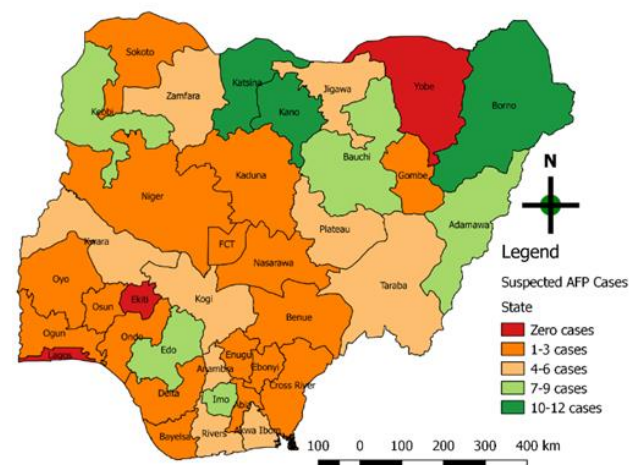


Figure 16: Location of suspected cases of AFP by State, Nigeria, week 19, 2019



Key points

- In the reporting week, 154 suspected cases of AFP were reported from 135 LGAs in 33 States and FCT
- As at 12th May, 2019, no new case of WPV was recorded
- The last reported case of polio in Nigeria was in August 2016

Actions

To date:

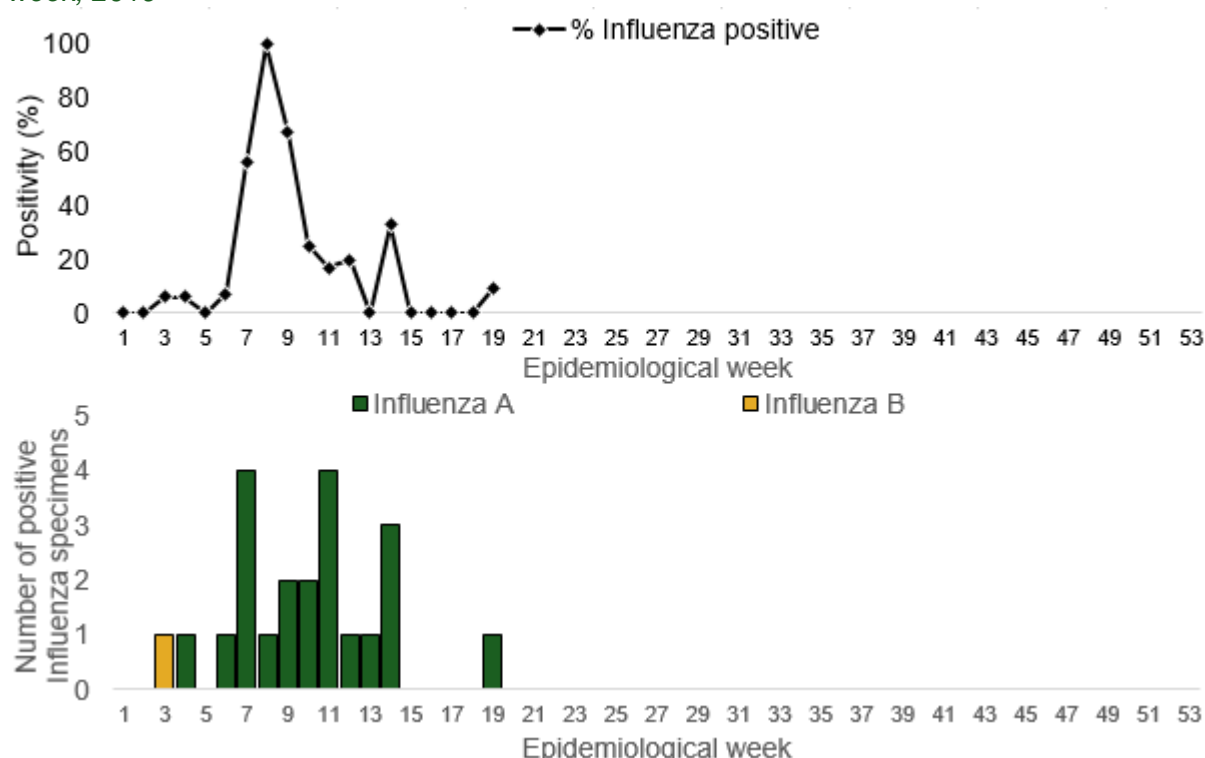
- Complete Documentation report review mission by International Support Team (West Africa) is ongoing.
- Outbreak response (OBR) targeted at the South west States is ongoing

Year to date (week 1 – 19)

	Suspected cases	Suspected ILI	Suspected SARI
Number (Percentage)	172	156(90.7%)	16(9.3%)

	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%	11.5%	0.64%	18.8%	0%

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



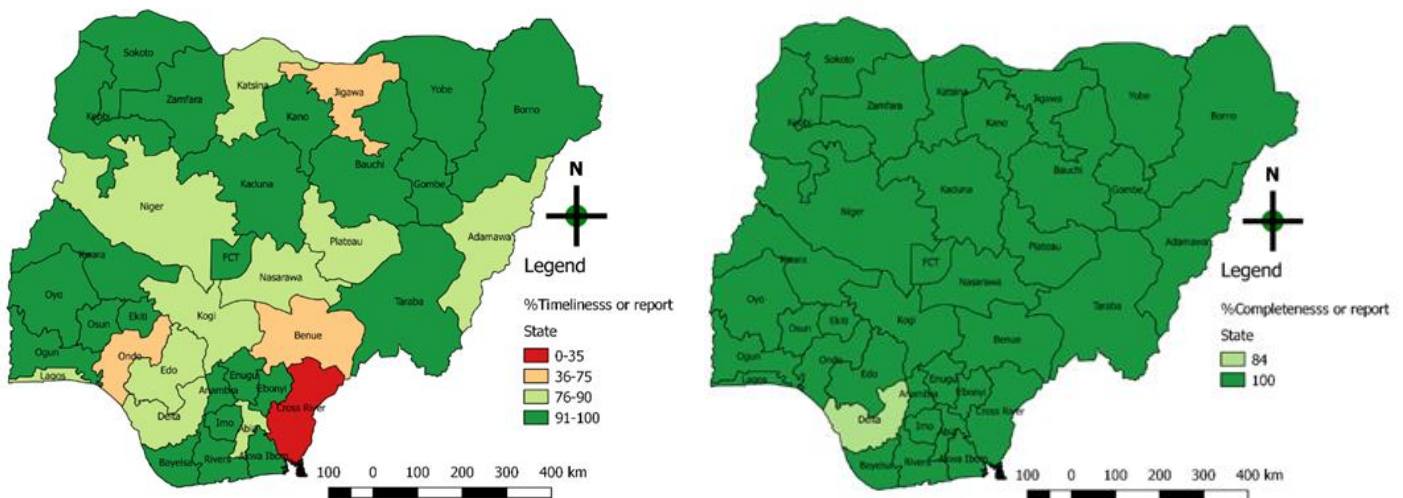
Key points

- The predominant Influenza A subtype so far this year is A seasonal H3 19 (95%).
- The predominant Influenza B subtype so far this year is 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 16 - 19, 2019)

Figure 18: A – Timeliness by State (%); B – Completeness by State (%), week 16 – 19, 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 16 – 19	Year to date Week 1- 19
Reports sent on time	130	642
Reports sent late	18	58
Reports not received	0	3
Timeliness	87.8%	91%
Completeness	100%	100%

States with reports not received in 2019 (week 1 – 19)

State	Week(s) report not received
Delta	8, 10, 12

Timeliness and completeness of reports by state

Year to date (week 1 – 19)

State	Timeliness (%)	Completeness (%)
Abia	89	100
Adamawa	89	100
Akwa Ibom	100	100
Anambra	100	100
Bauchi	100	100
Bayelsa	100	100
Benue	59	100
Borno	95	100
Cross River	32	100
Delta	84	84
Ebonyi	100	100
Edo	84	100
Ekiti	100	100
Enugu	100	100
FCT	100	100
Gombe	95	100
Imo	95	100
Jigawa	74	100
Kaduna	95	100
Kano	100	100
Katsina	84	100
Kebbi	100	100
Kogi	89	100
Kwara	95	100
Lagos	89	100
Nasarawa	89	100
Niger	89	100
Ogun	100	100
Ondo	68	100
Osun	100	100
Oyo	100	100
Plateau	89	100
Rivers	100	100
Sokoto	100	100
Taraba	100	100
Yobe	100	100
Zamfara	95	100