



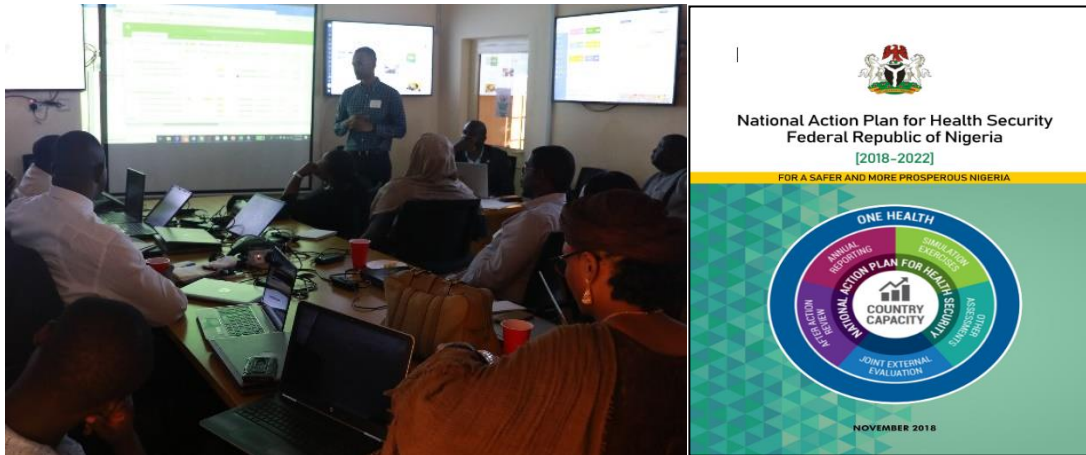
**Nigeria Centre for Disease Control**  
*Protecting the health of Nigerians*

# Weekly Epidemiological Report

Week 15: 8<sup>th</sup> April – 14<sup>th</sup> April, 2019

## Highlight of the week

### Progress Towards the National Action Plan for Health Security in Nigeria



The Nigeria Centre for Disease Control (NCDC) continues to play its leadership role as the national focal point for International Health Regulations (IHR) in the country. This includes the coordination of the implementation of the National Action Plan for Health Security (NAPHS), developed in November 2018.

The NAPHS is a five-year plan informed by the critical gaps identified following the Joint External Evaluation which was conducted in 2017. This was developed collaboratively with relevant Ministries, Departments and Agencies (MDAs) of the Federal Government of Nigeria. With 19 technical areas and over 600 activities, MDAs are currently at different levels of implementation.

In order to consolidate on the gains made, NCDC with support from Resolve to Save Lives (RTSL) conducted a three-day workshop from 24<sup>th</sup> -26<sup>th</sup> April 2019. The goals of the workshop were to:

- Discuss the status of NAPHS implementation in respective MDAs
- Train technical leads and focal points of MDAs on the functionality of NAPHS tracker tool; align on purpose, expectations and roles
- Identify risks or barriers to effective use of the tracker

This important workshop is a critical step to ensure alignment across MDAs, given the variety of players within and outside the health sector, required for the implementation of the NAPHS. The new NAPHS tracker tool will provide an opportunity for all MDAs to communicate openly, understand progress across board and hold each other accountable.

Given the importance of inter-sectoral coordination, NCDC will continue to work with relevant MDAs, to ensure Nigerians are protected from public health threats, diseases and emergencies.

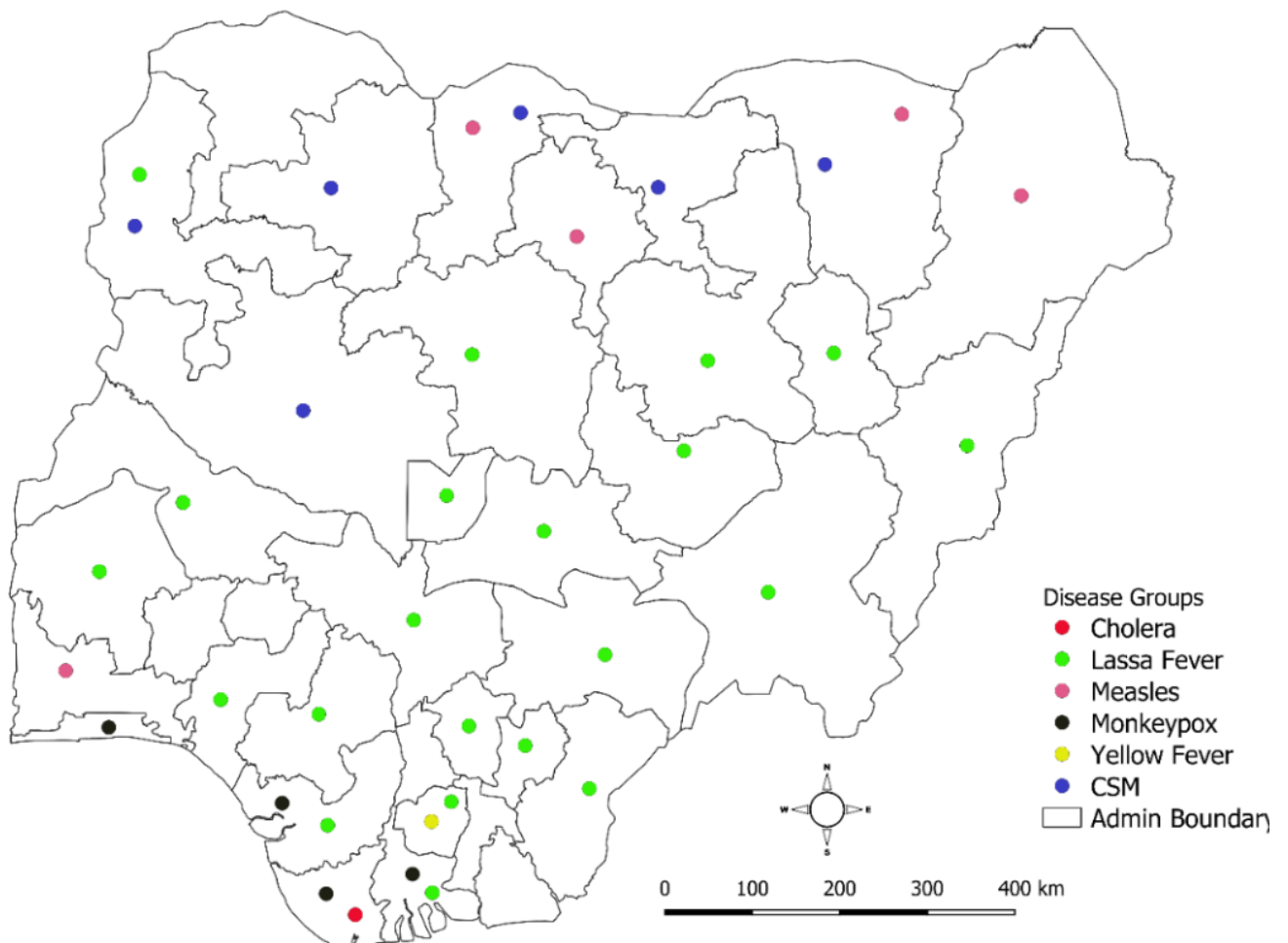
## Summary of incidents

### 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 15: 8<sup>th</sup> April – 14<sup>th</sup> April, 2019

Lassa Fever <sup>1,2</sup>	Cerebrospinal Meningitis (CSM) <sup>3,4</sup>	Yellow Fever <sup>3,4</sup>
48 Suspected cases	44 Suspected cases	54 Suspected cases
3 Confirmed cases	0 Confirmed cases	0 Confirmed cases
0 Deaths	1 Deaths	1 Deaths
Cholera <sup>3,4</sup>	Measles <sup>3,4</sup>	Acute Flaccid Paralysis (AFP) <sup>3,4</sup>
91 Suspected cases	1925 Suspected cases	138 Suspected cases
0 Confirmed cases	8 Confirmed cases	0 Confirmed Polio
4 Deaths	5 Deaths	
National Sentinel influenza surveillance <sup>5</sup>	Timeliness of reports <sup>3</sup>	Completeness of reports <sup>3</sup>
7 Suspected cases	93% Last 4 weeks	98% Last 4 weeks
0 Confirmed cases	92.4% Year to date	99.5% 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 15**

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
48	3	0	State:7 LGA:12

**Year to date (week 1 – 15)**

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
1849	2217	413	540	105	122	25%	23%

Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, week 1– 15 2019

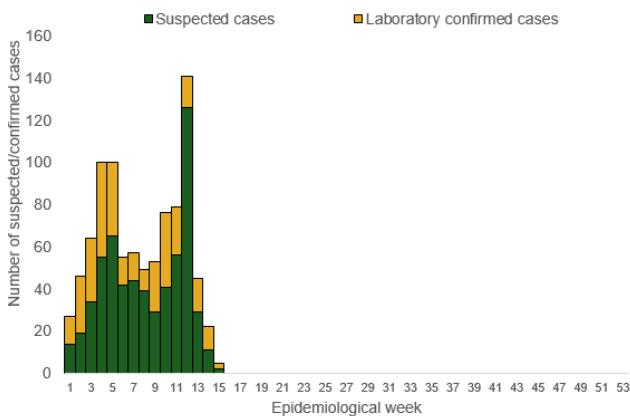
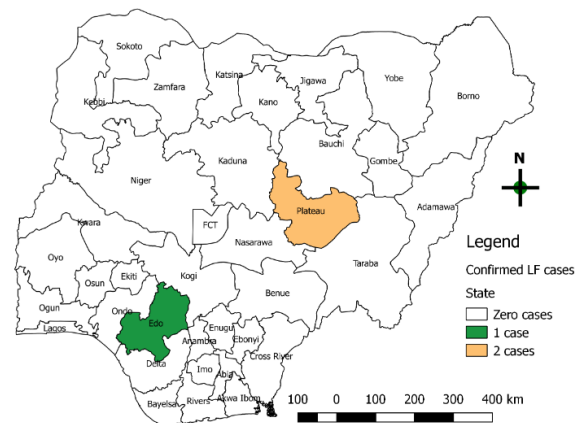


Figure 2: Location of **confirmed** cases of Lassa Fever by State, Nigeria, week 15 2019



**Key points**

- There were 48 suspected cases of Lassa fever reported from 12 LGAs in seven States (Edo – 30, Ondo – 8, Bauchi -2, Gombe – 1, FCT – 1, Kogi - 2 & Plateau – 4). Three were laboratory confirmed and no death was recorded.
- In the reporting week 15, no new health care worker was affected

**Actions**

**To date:**

- Lassa fever Emergency operation center (EOC) continues to coordinate the response activities at all levels with on/offsite collaboration of MDAs and Partners
- Multi sectoral one health national rapid response teams deployed to Taraba and Bauchi states
- Distribution of response commodities- PPEs, Ribavirin (injection and tablets), beds, IEC materials, and SOPS distributed across priority states including FCT

**Planned:**

- Support indigent patients with treatment cost through basic health care provision funds
- Dissemination of case management guidelines
- Review data to declare emergency phase of outbreak over

## Cerebrospinal Meningitis (CSM)

### Week 15

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
44	0	1	State: 15 LGA: 25

### Year to date (week 1 – 15)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
3393	967	310	78	314	55	9%	6%

Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, week 1 – 15, 2019

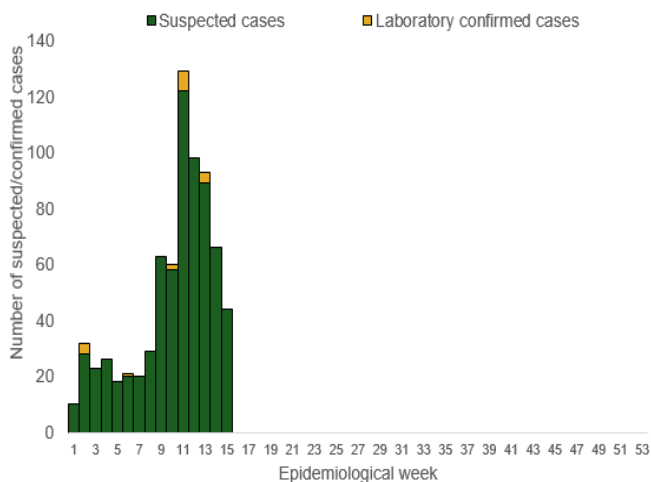
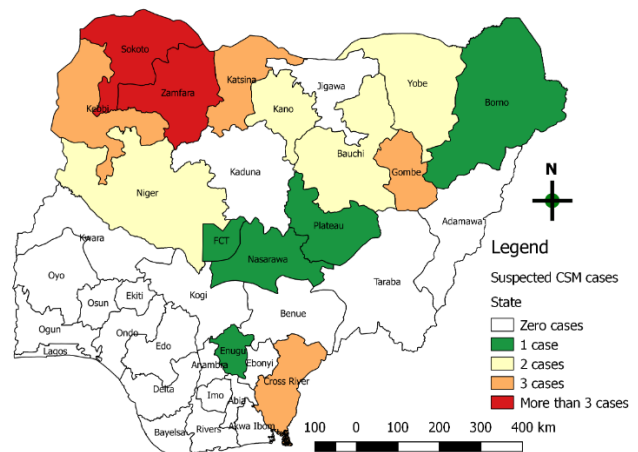


Figure 4: Location of suspected cases of CSM by State, Nigeria, week 15, 2019



### Key points

- There were 44 suspected cases of Cerebrospinal Meningitis (CSM) reported from 44 LGAs in 15 States (Bauchi – 2, Borno – 1, Cross River – 3, Enugu – 1, FCT – 1, Gombe – 3, Kano – 2, Katsina – 4, Kebbi - 3, Nasarawa – 1, Niger – 2, Plateau – 1, Sokoto – 8, Yobe – 2 & Zamfara - 10). Of these, none was laboratory confirmed and one death was recorded
- *Streptococcus pneumoniae* serogroup (Spn) accounted for 42% of the positive cases and *Neisseria meningitidis* 46% of which NmX 14% and NmC 32%

### Actions

#### To date:

- The National CSM Emergency Operation Center (EOC) is on response mode and meets weekly to review the situation
- A case management, Lumbar Puncture, sample and data management training were conducted in Katsina and Niger States.

#### Planned:

- Training in other States on CSM case management, sample and data management

**Yellow Fever**

**Week 15**

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
54	0	1	State: 20 LGA: 42

**Year to date (week 1 – 15)**

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
713	718	8	12	0	1	0%	0.1%

Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, week 1–15 2019

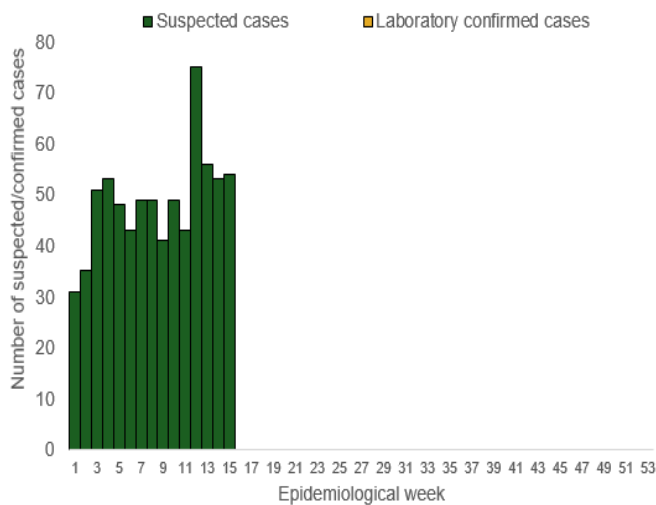
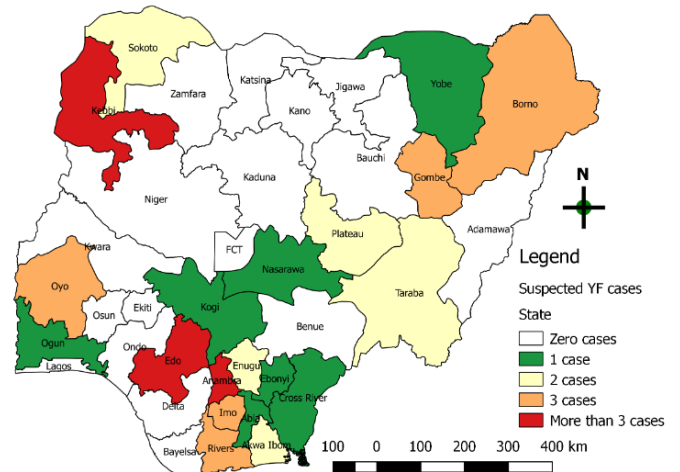


Figure 6: Location of suspected cases of Yellow Fever by State, Nigeria, week 15, 2019



**Key points**

The last confirmed case of Yellow Fever was 27<sup>th</sup> of March 2019.

**Actions**

**To date:**

- A multiagency Yellow fever TWG is coordinating the response activities
- Off-site support is ongoing in Abia, Delta, Ondo, Imo and Osun states
- ICG request for reactive vaccination campaigns have been approved for Edo (5 LGAs), Ondo (7 LGAs) and Delta States (1 LGA)
- Development of National Guideline on Preparedness and Response is ongoing

**Planned:**

- A follow up with the yellow fever reactive vaccination campaign pre-implementation activities in the approved states and their respective LGAs

## Cholera

### Week 15

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
91	0	4	State: 5 LGA: 8

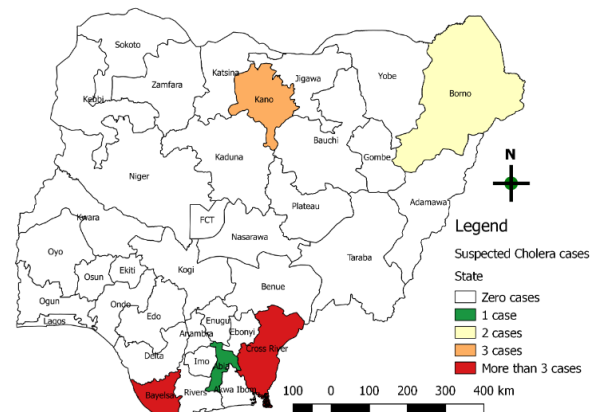
### Year to date (week 1 – 15)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
4386	482	80	8	78	28	2%	6%

Figure 7: Number of suspected and confirmed cases of Cholera, Nigeria, week 1 – 15, 2019



Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 15 2019



### Key points

There were 91 suspected cases of cholera reported from eight LGAs in five States (Abia – 1, Bayelsa – 53, Borno – 2, Cross River – 32 & Kano – 2). None was laboratory confirmed and four deaths recorded.

### Actions

#### To date:

- Cholera TWG is coordinating the activities in states in collaboration with FMWR and support from partners
- A sensitization workshop was conducted on WaSH for market women and religious leaders in Adamawa and Bauchi states
- First round of OCV campaign was conducted in Argungu LGA, Kebbi state and Michika LGA in Adamawa State on the 30th of March to 3rd of April, 2019

#### Planned:

- A second round of OCV campaign is being planned
- Review of the Cholera advisory and disseminate ahead of the season

## Measles

### Week 15

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
1925	8	5	State: 33 LGA: 246

### Year to date (week 1 – 15)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
7699	20145	131	757	84	44	1.1%	0.22%

Figure 11: Number of suspected and confirmed cases of Measles, Nigeria, week 1 – 15, 2019

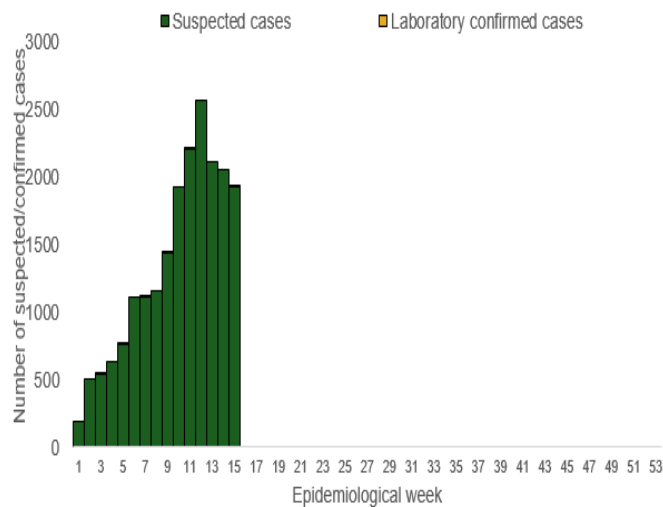
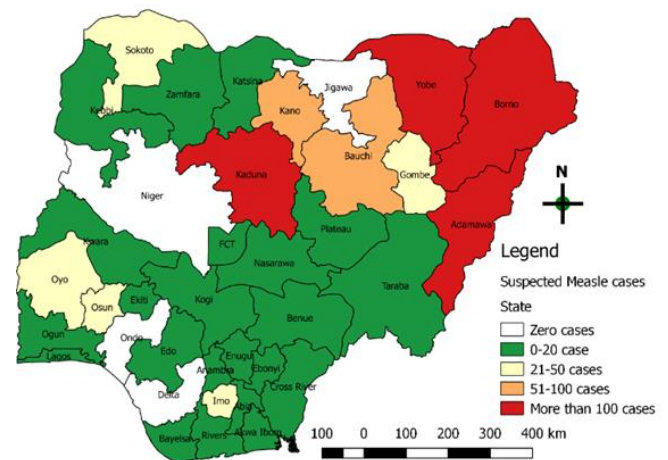


Figure 12: Location of suspected cases of Measles by State, Nigeria, week 15 2019



### Key points

Borno (958), Adamawa (180), Yobe (161) and Kaduna (124) states account for 75% of reported cases in week 15 of 2019

### Actions

#### To date:

- The Measles Emergency Operation Center (EOC) continues to coordinate activities weekly
- Continued engagement with states for early submission of data

#### Planned:

- Follow up with NPHCDA on plan for ICG request for Katsina and Yobe States
- Deploy RRT to support emergency response in Borno, Katsina, Adamawa and Yobe states



## Acute Flaccid Paralysis (AFP)

### Week 15

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
138	0	0	State: 30 LGA:122

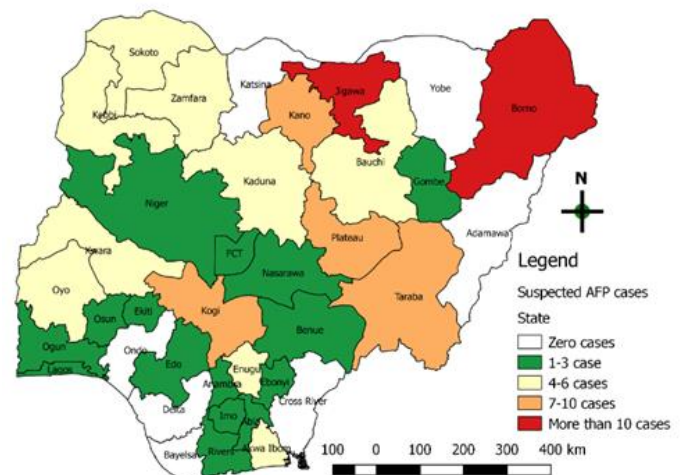
### Year to date (week 1 – 15)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
2460	1930	0	0	0	0	0%	0%

Figure 13: Number of suspected and confirmed cases of AFP, Nigeria, week 1–15 2019



Figure 14: Location of suspected cases of AFP by State, Nigeria, week 15 2019



### Key points

- The last reported case of polio in Nigeria was in August 2016
- As at 14<sup>th</sup> April 2019, no new case of WPV was recorded

### Actions

#### To date:

- Active case search for AFP is being intensified with the goal to eliminate polio in Nigeria

#### Planned:

- Intensify active AFP case search and continue to monitor progress being made to eliminate polio in Nigeria

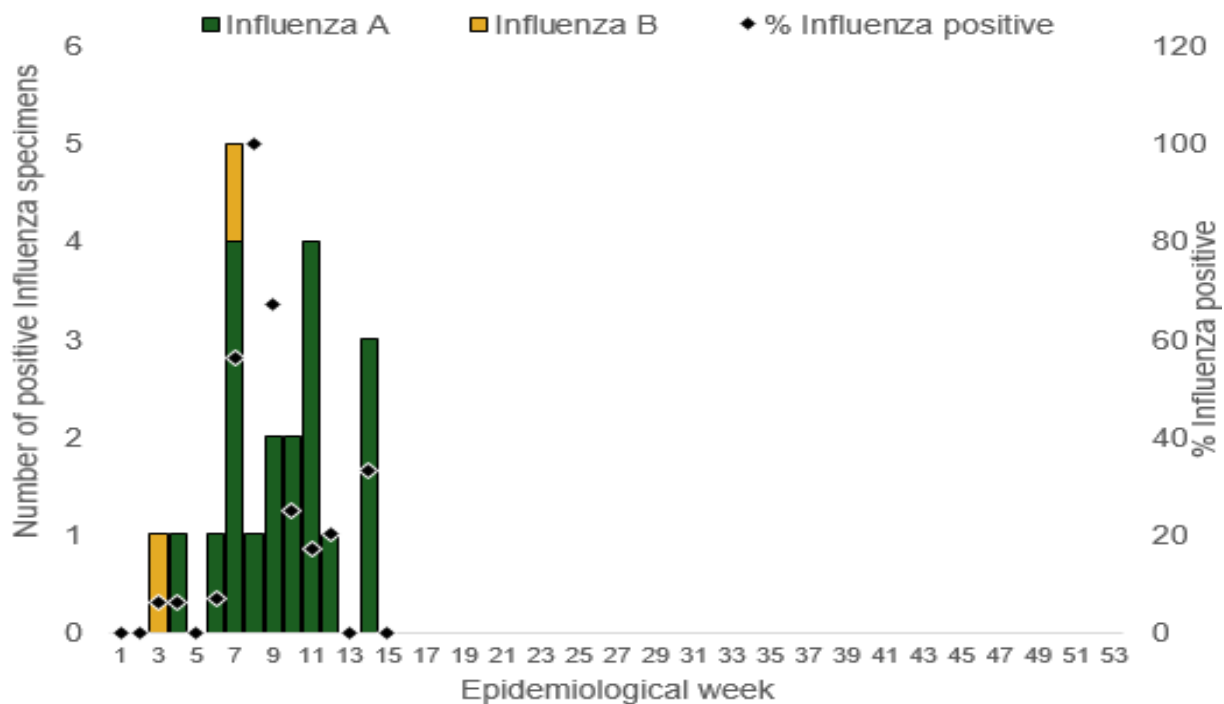
## National Influenza Sentinel Surveillance

### Year to date (week 1 – 15)

	Suspected cases	Suspected ILI	Suspected SARI
Number (Percentage)	146	13(90%)	15(10%)

	Confirmed cases		Confirmed ILI		Confirmed SARI	
	Influenza A	Influenza B	Influenza A	Influenza B	Influenza A	Influenza B
Number	20	2	17	2	3	0
Positivity (%)	13.7%	1.4%	13%	1.5%	20%	0%

Figure 15: Number of influenza positive specimens by type and percent positive by epidemiological week, 2019



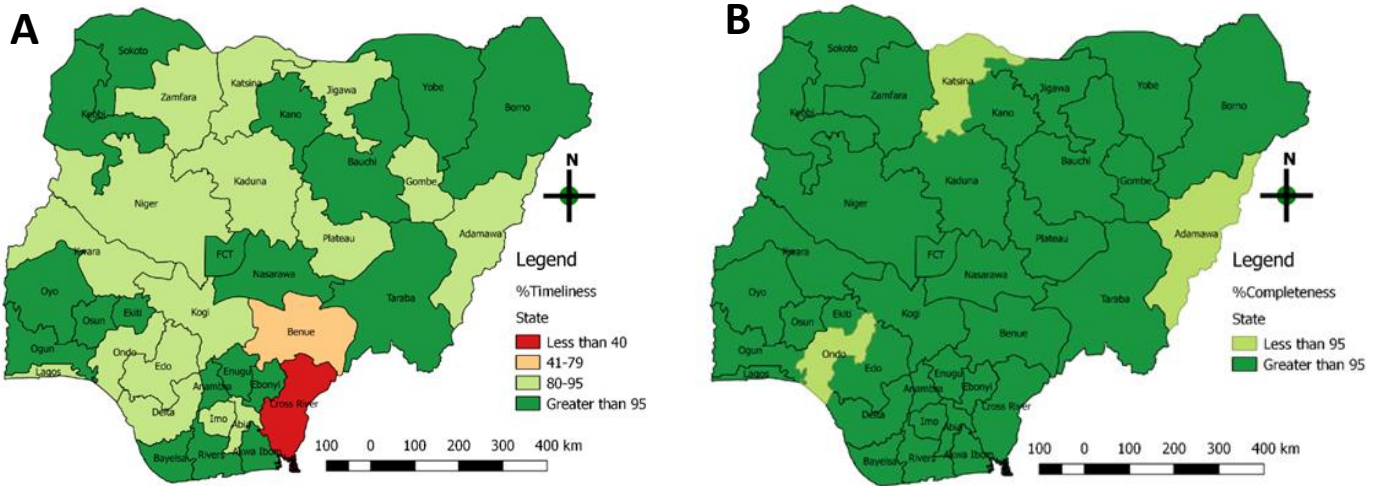
### Key points

- The predominant Influenza A subtype so far this year was A seasonal H3 19 (95%).
- The predominant Influenza B subtype so far this year was B not subtyped 2(100%).

**Timeliness and completeness of reports**

**Last 4 weeks (week 12 - 15, 2019)**

Figure 16: A – Timeliness by State (%); B – Completeness by State (%), week 12 – 15, 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**

<b>Nigeria Total Reports</b>	<b>Last 4 weeks Week 12 – 15</b>	<b>Year to date Week 1- 15</b>
Reports sent on time	137	513
Reports sent late	8	39
Reports not received	3	3
Timeliness	93%	92.4%
Completeness	98%	99.5%

**States with reports not received in 2019 (week 1 – 15)**

<b>State</b>	<b>Week(s) report not received</b>
Adamawa	15
Katsina	15
Ondo	15

## Timeliness and completeness of reports by state

Year to date (week 1 – 15)

State	Timeliness (%)	Completeness (%)
Abia	93	100
Adamawa	93	93
Akwa Ibom	100	100
Anambra	100	100
Bauchi	100	100
Bayelsa	100	100
Benue	53	100
Borno	100	100
Cross River	33	100
Delta	80	100
Ebonyi	100	100
Edo	87	100
Ekiti	100	100
Enugu	100	100
FCT	100	100
Gombe	93	100
Imo	93	100
Jigawa	80	100
Kaduna	93	100
Kano	100	100
Katsina	87	93
Kebbi	100	100
Kogi	93	100
Kwara	93	100
Lagos	93	100
Nasarawa	100	100
Niger	87	100
Ogun	100	100
Ondo	80	93
Osun	100	100
Oyo	100	100
Plateau	93	100
Rivers	100	100
Sokoto	100	100
Taraba	100	100
Yobe	100	100
Zamfara	93	100