



**Nigeria Centre for Disease Control**

*Protecting the health of Nigerians*

## **Weekly Epidemiological Report**

**Week 49: 2<sup>nd</sup> – 8<sup>th</sup> December 2019**

### **Highlight of the Week**

**Building human resource for health security: NCDC completes State RRT Trainings across Nigeria**



For the year 2019, one of the top priorities for the Nigeria Centre for Disease Control was to strengthen workforce for health security. This is in line with our five-year strategic plan and as part of the requirements of the International Health Regulations (IHR). Specifically, we set out to establish functional Rapid Teams (RRT) in all 36 states (including Federal Capital Territory) of Nigeria by the end of 2019.

To achieve the above, the Zonal Rapid Response Team Training (ZRRT) was conceptualised and subsequently implemented in all the six geo-political zones in Nigeria. These are North-East, North-Central, North-West, South-West, South-East and South-South zones. The sixth (final) zonal training was recently conducted for the South-South zone in Uyo, Akwa-Ibom State from 14<sup>th</sup> -18<sup>th</sup> December, 2019. With this, we have met our target for 2019 to ensure every State in Nigeria has a well-trained and established RRT for immediate response during outbreaks.

The goal of the RRT training is to reinforce the capacity and skills of inter-disciplinary RRT and their individual members for early detection and effective response to public health events. The trained RRTs are expected to cascade the training to other health workers in their respective States, ensuring that all States in Nigeria have adequate personnel that can be mobilised quickly for outbreak response.

Till date, **295 state level officers have been trained across 36 states in Nigeria.** This is in addition to the already trained National Rapid Response Team.

In States where these training have been completed, the skills acquired are now being consistently applied in the management of public health emergencies. The next critical step is to ensure periodic supportive supervision of already trained states RRT and also work closely with them to cascade the training to the officers at the Local Government Level.

The Nigeria Centre for Disease Control remains committed to supporting states in building a strong public health workforce capable of providing quick and effective response to public health threats. The zonal RRT training has begun to yield key results, contributing to national health security.

This training was funded by the World Bank Regional Disease Surveillance System Enhancement project (REDISSE).

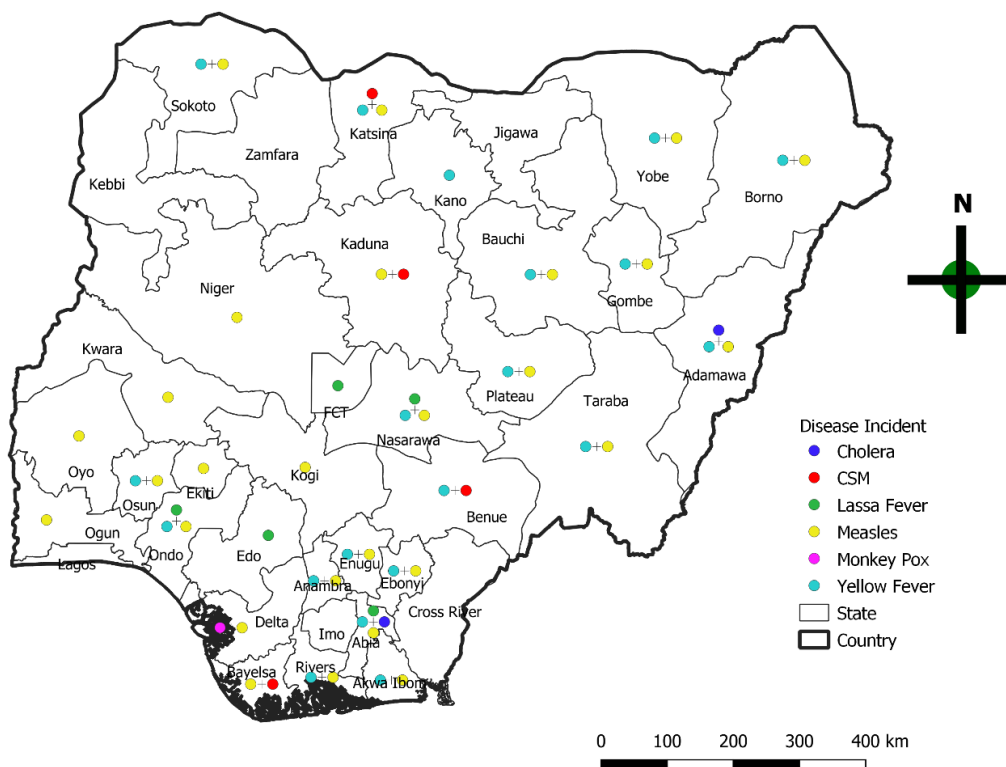
## Summary of Incidents

### Ongoing incidents

0

Ongoing Incidents are defined as confirmed cases where a national EOC or equivalent has been activated

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



Data Source: SITAware

## Summary

### Week 49: 2<sup>nd</sup> – 8<sup>th</sup> December 2019

Lassa Fever <sub>1,2</sub>	Cerebrospinal Meningitis (CSM) <sub>3,4</sub>	Yellow Fever <sub>3,4</sub>
51 Suspected cases	9 Suspected cases	44 Suspected cases
13 Confirmed case(s)	0 Confirmed cases	0 Confirmed cases
4 Death(s)	0 Death(s)	0 Death(s)
Cholera <sub>3,4</sub>	Measles <sub>3,4</sub>	Monkeypox <sub>1,4</sub>
60 Suspected cases	351 Suspected cases	2 Suspected case(s)
2 Confirmed cases	0 Confirmed cases	0 Confirmed cases
11 Death(s)	0 Death(s)	0 Death(s)
Acute Flaccid Paralysis (AFP) <sub>3,4</sub>	National Sentinel influenza surveillance <sub>5</sub>	
89 Suspected cases	0 Suspected cases	
0 Confirmed Polio	0 Confirmed cases	

Timeliness of reports <sub>3</sub>	Completeness of reports <sub>3</sub>
91.9% Last 4 weeks	98% Last 4 weeks
89% Year to date	100% 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 49

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
51	13	4	State: 11 LGA: 13

### Year to date (week 1 – 49)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
3229	4820	581	806	147	166	25.3%	20.6%

Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, Week 1 – 49, 2019

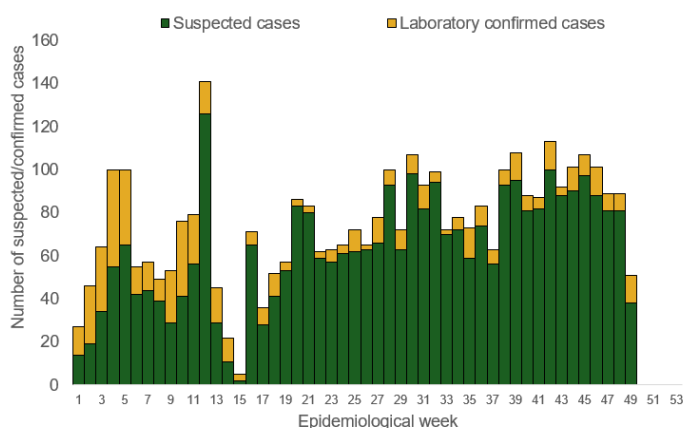
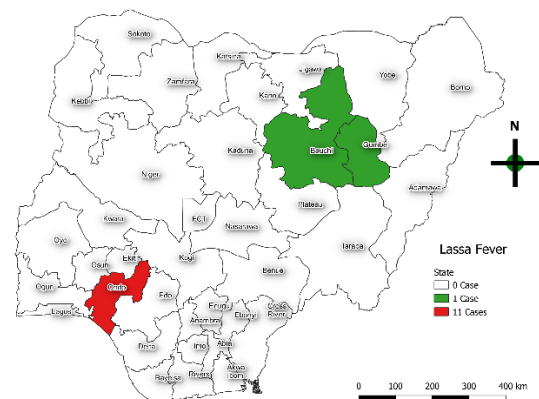


Figure 2: Location of **confirmed** cases of Lassa Fever by state, Nigeria, week 49, 2019



### Key points

- There were 51 suspected cases of Lassa Fever (LF) reported from 13 LGAs in 11 states (Edo – 2, Ondo – 34, Ebonyi – 2, Bauchi – 4, Nasarawa – 1, Plateau – 2, Taraba – 1, Adamawa – 1, Gombe – 2, Kogi -1 & Oyo – 1). There were 13 confirmed cases and four deaths were recorded from Ondo (3) and Gombe (1) states

### Actions

#### To date:

- National Lassa Fever multi-sectoral Technical Working Group (TWG) continues to coordinate response activities and support states
- Engaged contact tracers in hot spot and high burden states
- National Lassa fever After Action Review (AAR) retreat conducted
- Conducted meeting to review process for implementation of support to indigent patients
- Reviewed Lassa fever case management and surveillance tools and SOPs

#### Planned:

- Finalise the Lassa fever clinical fellowship curriculum
- Finalise advocacy packages for national and subnational policy/decision makers
- Finalise the Lassa fever 5-year Strategic plan

## Cerebrospinal Meningitis (CSM)

### Week 49

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
9	0	0	State: 3 LGA: 5

### Year to date (week 1 – 49)

Suspected cases	Confirmed cases	Deaths	CFR
2018 2019	2018 2019	2018 2019	2018 2019
4466 2077	318 126	360 103	8.1% 5%

Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, week 1 – 49, 2019

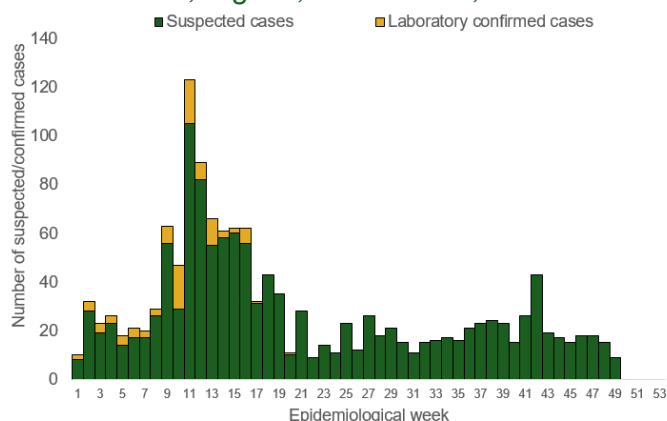
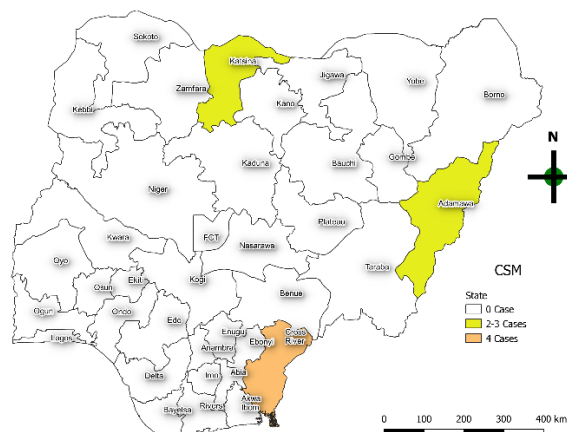


Figure 4: Location of suspected cases of CSM by State, Nigeria, week 49, 2019



### Key points

There were 9 suspected cases of Cerebrospinal Meningitis (CSM) reported from five LGAs in three states (Adamawa – 2, Cross River – 4 & Katsina – 3). None was laboratory confirmed and no death was recorded

### Actions

#### To date:

- National CSM Technical Working Group (TWG) meets weekly to review reports from states and plan appropriately
- Enhanced surveillance in all states (with focus in states at higher risk)
- Conducted After Action Review (AAR) meeting with five states (Katsina, Sokoto, Zamfara, Ebonyi and Cross River)
- Developed 2019/2020 CSM preparedness and response plan

#### Planned:

- Continue harmonisation of the national line list and SORMAS data

## Yellow Fever

### Week 49

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
44	0	0	State: 15 + FCT LGA: 38

### Year to date (week 1 – 49)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
2597	3364	7	10	1	47	0%	1.4%

Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, week 1 – 49, 2019

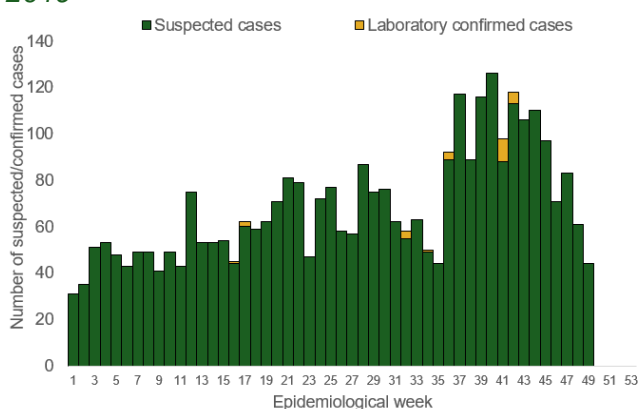
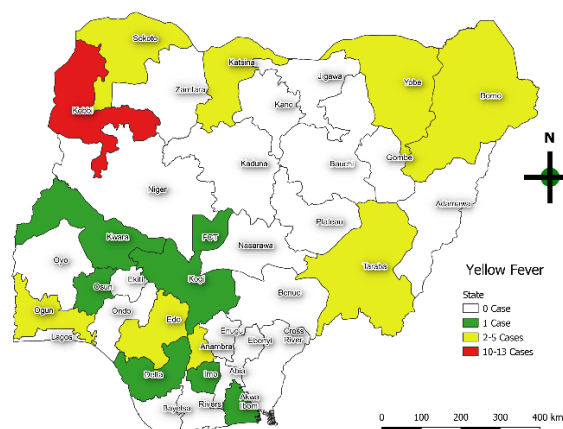


Figure 6: Location of suspected cases of Yellow Fever by State, Nigeria, week 49, 2019



### Key points

- There were 44 suspected cases of Yellow Fever (YF) reported from 38 LGAs in 15 states and FCT. None was laboratory confirmed and three deaths was recorded

### Actions

#### To date:

- National multiagency YF EOC is coordinating response activities
- National Rapid Response Team (RRT) deployed to Bauchi, Benue and Katsina states
- International Coordinating Group (ICG) request for vaccines developed for Bauchi and Benue states with NPHCDA

#### Planned:

- Follow up on outcome of ICG request

## Cholera

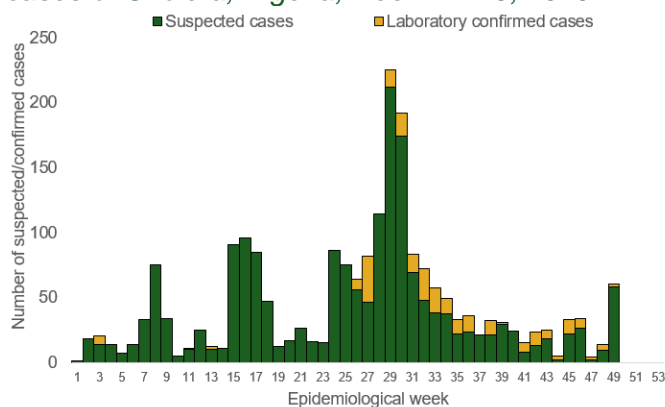
### Week 49

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
60	2	11	State: 3 LGA: 4

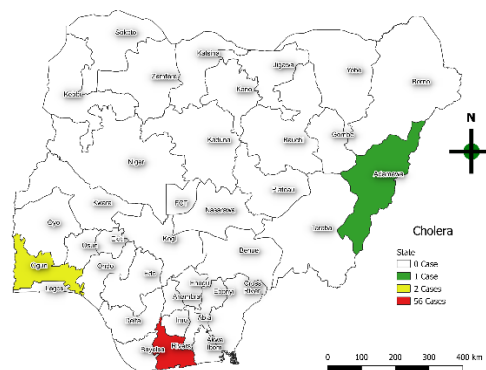
### Year to date (week 1 – 49)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
50662	3499	956	595	1135	71	2.2%	2.1%

*Figure 7: Number of suspected and confirmed cases of Cholera, Nigeria, week 1 – 49, 2019*



*Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 49, 2019*



### Key points

- There were 60 suspected cases of cholera reported from four LGAs in three states (Adamawa – 2, Ogun – 2 & Rivers – 56). There were two laboratory confirmed cases with 11 deaths recorded

### Actions To date

- National cholera multi-sectoral Technical Working Group (TWG) is monitoring all states and supporting already affected states

### Planned:

- Follow up with states with active outbreaks and monitor non-reporting states



## Measles

### Week 49

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
351	0	0	State: 26 LGA:

### Year to date (week 1 – 49)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
16632	58931	21	122361	124	289	0.7%	0.5%

Figure 11: Number of suspected and confirmed cases of Measles, Nigeria, week 1 – 49, 2019

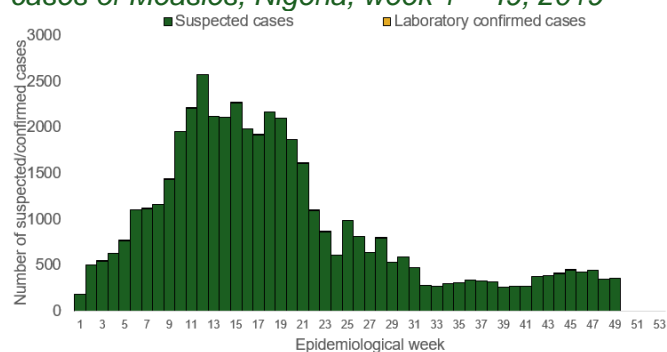
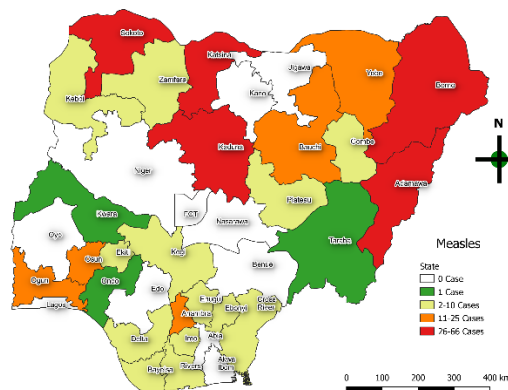


Figure 12: Location of suspected cases of Measles by State, Nigeria, week 49, 2019



### Key points

- There were 351 suspected cases of measles reported from 139 LGAs in 26 states. None was laboratory confirmed and no death was recorded

### Actions

#### To date

- 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
- Finalise measles surveillance guideline
- Review implementation of sentinel sites for Congenital Rubella Syndrome in Nigeria



## Monkeypox

### Week 49

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

### Year to date (week 1 – 49)

Suspected cases	Confirmed cases	Deaths	CFR
2018 2019	2018 2019	2018 2019	2018 2019
113 116	47 44	1 2	0.9% 1.7%

Figure 13: Number of suspected and confirmed cases of Monkeypox, Nigeria, week 1–49, 2019

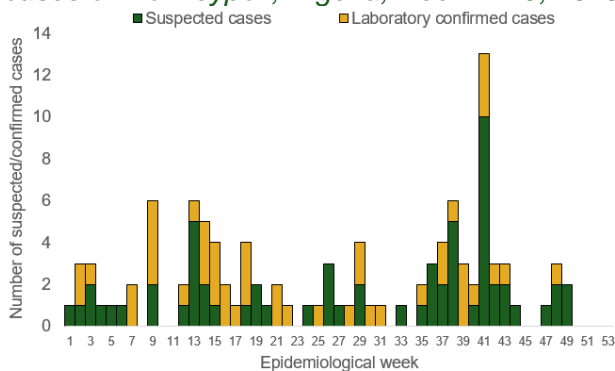
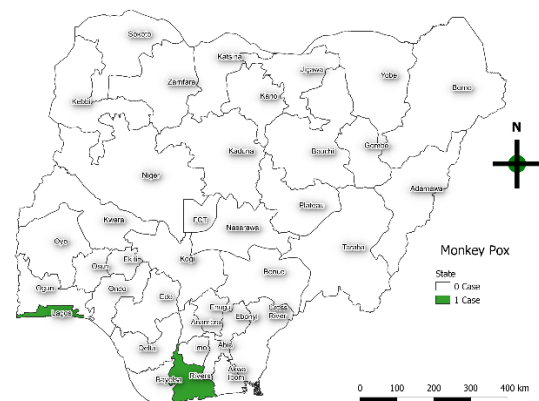


Figure 14: Location of suspected cases of Monkeypox by State, Nigeria, week 49, 2019



### Key points

- There were two suspected cases of Monkeypox reported from two LGAs in two states (Lagos – 1 & Rivers – 1)

### Actions

- National Monkeypox Technical Working Group (TWG) is monitoring activities in all states
- Capacity building of the state level officers in the South-South region
- Off-site support to affected states

### Planned:

- Enhance surveillance for Monkeypox in high burden states, working with the animal health colleagues.
- Conduct regional monkeypox surveillance training in South East and North Central in January 2020
- Follow up to ensure all contacts are line listed and monitored for 21 days

## Acute Flaccid Paralysis (AFP)

### Week 49

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
89	0	0	State: 28 + FCT LGA:

### Year to date (week 1 – 49)

Suspected cases	Confirmed cases	Deaths	CFR
2018 2019	2018 2019	2018 2019	2018 2019
8256 6092	0 0	0 0	0% 0%

Figure 15: Number of suspected and confirmed cases of AFP, Nigeria, week 1– 49, 2019

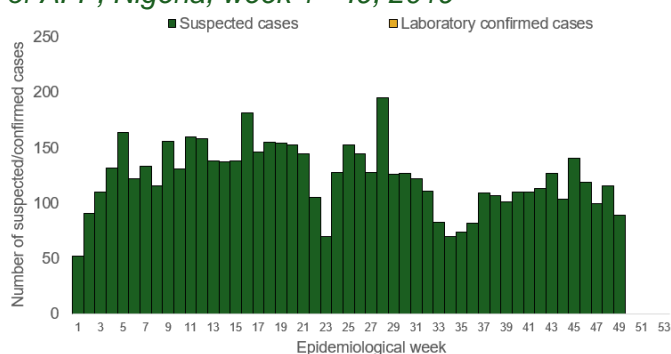
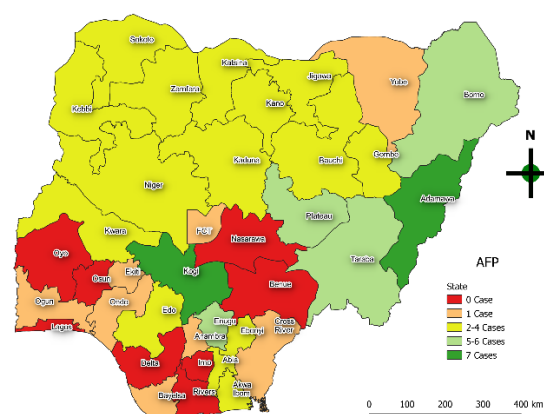


Figure 16: Location of suspected cases of AFP by State, Nigeria, week 49, 2019



### Key points

- There were 89 suspected cases of AFP reported from LGAs in 28 states and FCT. None was laboratory confirmed and no death was recorded

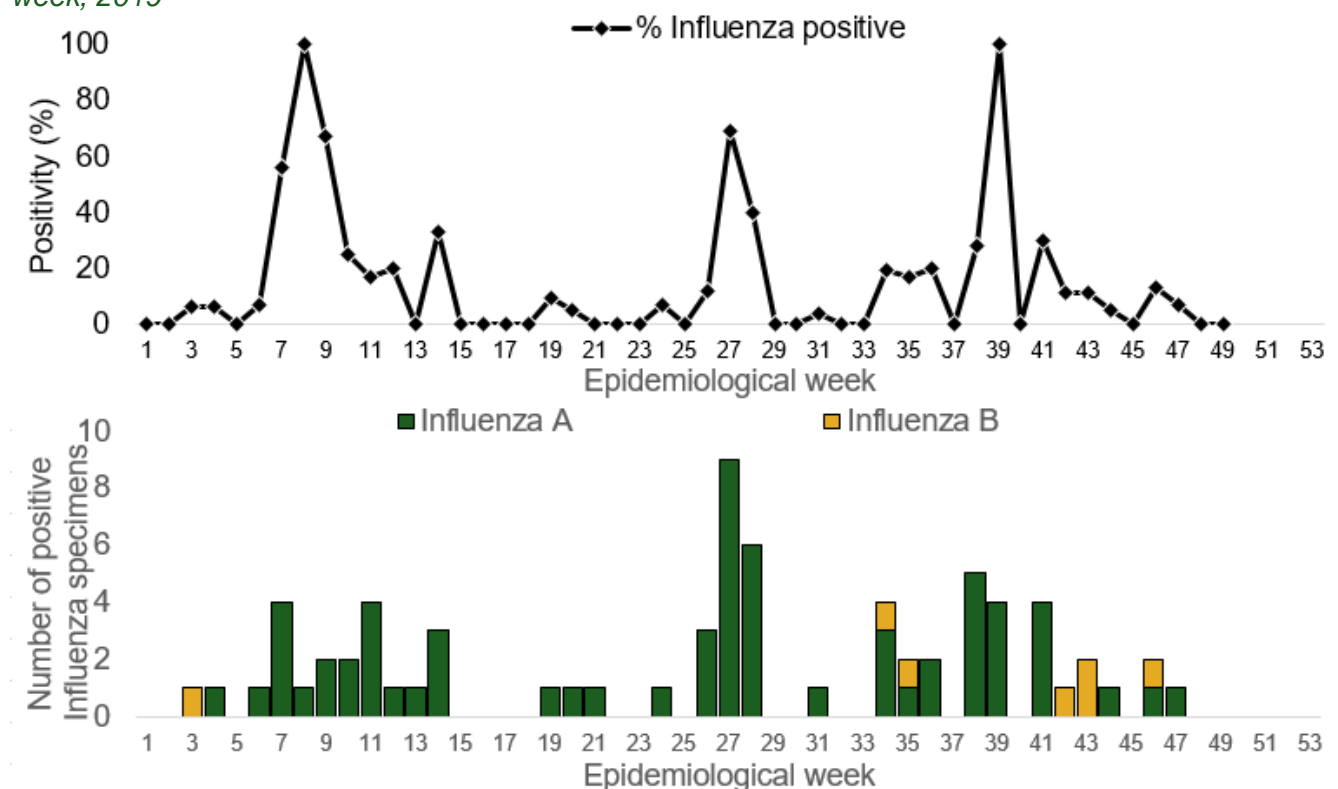
## National Influenza Sentinel Surveillance

Year to date (week 1 – 49)

	Suspected cases	Suspected ILI	Suspected SARI
Number (Percentage)	593	535(90.2%)	58(9.8%)

	Confirmed cases		Confirmed ILI		Confirmed SARI	
	Influenza A	Influenza B	Influenza A	Influenza B	Influenza A	Influenza B
Number	69	13	64	11	5	2
Positivity (%)	83.1%	1.6%	12.0%	2.1%	8.6%	3.4%

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



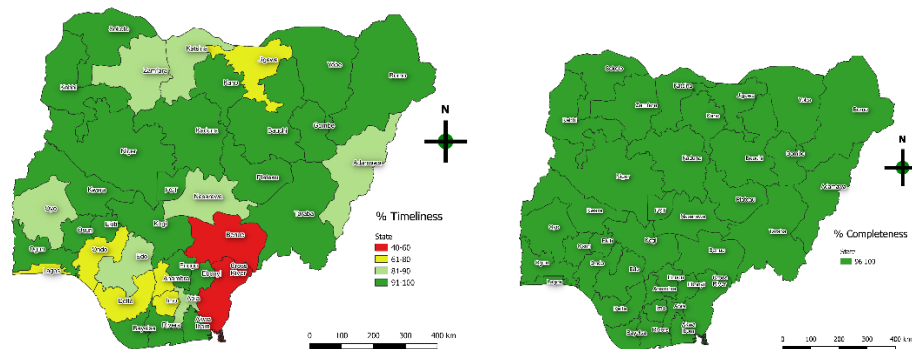
### Key points

There were 82 processed samples positive for influenza, with 68 for influenza A, 13 for influenza B and 1 for influenza A & B

## Timeliness and Completeness of Reports

### Last 4 weeks (week 46 - 49, 2019)

Figure 18: A – Timeliness by State (%); B – Completeness by State (%), week 46 – 49, 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 46 – 49	Year to date Week 1- 49
Reports sent on time	136	1605
Reports sent late	9	203
Reports not received	3	5
Timeliness	91.9%	89%
Completeness	98%	100%

### States with reports not received in 2019 (week 1 – 49)

State	Week(s) report not received
Benue	49
Delta	10, 12
Nasarawa	49
Oyo	49

## Timeliness and Completeness of Reports by State

Year to date (week 1 – 49)

State	Timeliness (%)	Completeness (%)
Abia	84	100
Adamawa	90	100
Akwa Ibom	94	100
Anambra	80	100
Bauchi	94	100
Bayelsa	100	100
Benue	57	98
Borno	92	100
Cross River	49	100
Delta	61	96
Ebonyi	98	100
Edo	88	100
Ekiti	100	100
Enugu	94	100
FCT	100	100
Gombe	94	100
Imo	80	100
Jigawa	80	100
Kaduna	94	100
Kano	100	100
Katsina	90	100
Kebbi	94	100
Kogi	92	100
Kwara	94	100
Lagos	80	100
Nasarawa	86	98
Niger	92	100
Ogun	96	100
Ondo	76	100
Osun	100	100
Oyo	82	98
Plateau	94	100
Rivers	94	100
Sokoto	100	100
Taraba	92	100
Yobe	100	100
Zamfara	90	100