



Weekly Epidemiological Report

Week 46: 11th – 17th November 2019

Highlight of the Week

Nigeria Commemorates National Antibiotics Awareness Week



Globally, antibiotics are widely used for the treatment of infections in human and animals. Unfortunately, these drugs are often misused resulting in Antimicrobial Resistance (AMR). AMR is a threat to public health, contributing to mortality rates and economic burden across the world.

In 2017, the Honourable Minister of Health appointed the Nigeria Centre for Disease Control (NCDC) as the National Coordinating Secretariat for AMR-related issues in Nigeria. Since then, NCDC has continued to work closely with relevant Ministries, Departments and Agencies (MDAs) as well as key stakeholders in AMR surveillance, awareness and other related activities. In 2017, this collaboration led to the development of the AMR National Action Plan (using a One Health approach) and Nigeria's enrollment into the Global Antimicrobial Resistance Surveillance System.

In recognition of the importance of public awareness of AMR and as part of the global commemoration, Nigeria joined the global community to commemorate the World Antibiotics Awareness Week from the 18th–24th of November, 2019. Through an awareness walk, community engagement and other methods (see [link](#)), the AMR week provided another opportunity to raise awareness on the threats from antibiotic resistance and encourage best practices among key audiences. These audiences included farmers, students, care givers, patent drug dealers, health workers and policy makers and the global community at large.

The participants at the event included representatives from the Federal Ministry of Health, other relevant (MDAs) at the National level, key partners as well as influencers in the community. The objectives of the Walk and Community Engagement which held in Mpape, Abuja were to:

- Adopt a one-health approach in health, environment and agriculture in raising awareness on antibiotic resistance across all sectors
- Decrease demand for antibiotics use amongst healthy adults, children and animals
- Increase adherence to healthy behavior and sensitization to prevent acquiring infection

An important outcome from the AMR week was the strong collaboration with the Ministries of Agriculture and Environment to promote healthy behaviour as well as an appropriate and rational use of antibiotics among farmers, patent medicine vendors etc. The week ended with the launch of the National Antibiotic Pledge, which is a commitment to prevent AMR. This was done by the Chair of the Senate Committee on Health, Distinguished Senator Oloriegbe and the Chair of the House Committee on Agricultural Production and Services, Honourable Dandutse Muntari.

NCDC remains committed to working with other stakeholders, in the fight against AMR.

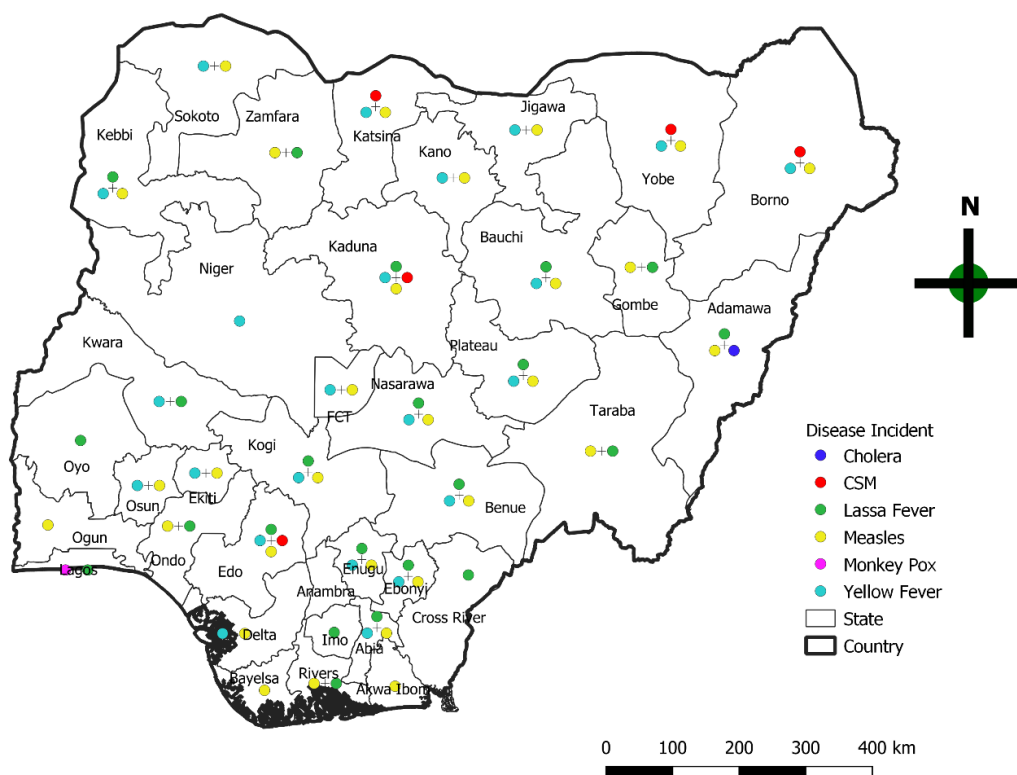
Summary of Incidents

Ongoing incidents

1

Ongoing incidents are defined as confirmed cases where a national EOC or equivalent has been activated (EOC was activated for Yellow Fever in epi-week 45)

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



Data Source: SITAware

Summary

Week 46: 11th – 17th November 2019

Lassa Fever ^{1,2}	Cerebrospinal Meningitis (CSM) ^{3,4}	Yellow Fever ^{3,4}
101 Suspected cases	18 Suspected cases	71 Suspected cases
13 Confirmed case(s)	0 Confirmed cases	0 Confirmed cases
0 Death(s)	0 Death(s)	1 Death(s)
Cholera ^{3,4}	Measles ^{3,4}	Monkeypox ^{1,4}
34 Suspected cases	427 Suspected cases	0 Suspected case(s)
8 Confirmed cases	0 Confirmed cases	0 Confirmed cases
0 Death(s)	0 Death(s)	0 Death(s)
Acute Flaccid Paralysis (AFP) ^{3,4}	National Sentinel influenza surveillance ⁵	
119 Suspected cases	15 Suspected cases	
0 Confirmed Polio	2 Confirmed cases	

Timeliness of reports ₃	Completeness of reports ₃
83.1% Last 4 weeks	98% Last 4 weeks
88% 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 46

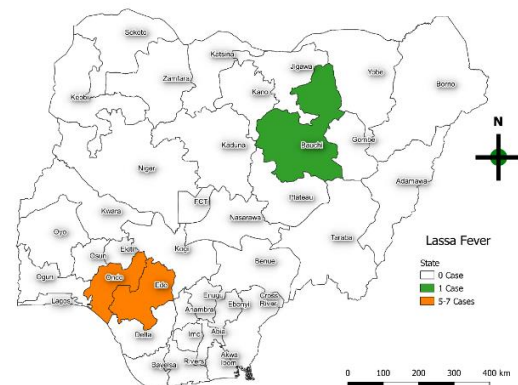
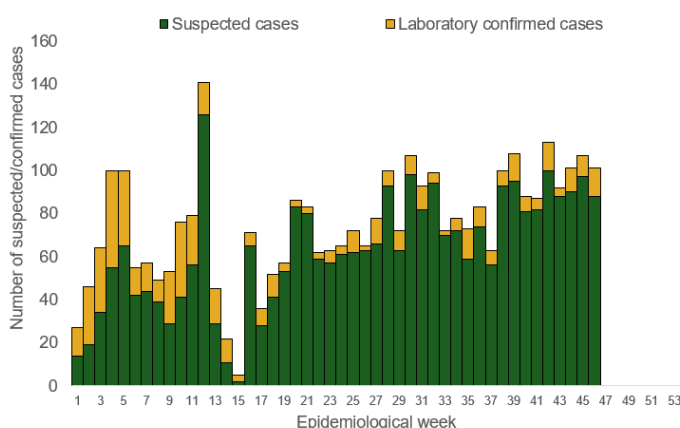
Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
101	13	0	State: 12 + FCT LGA: 19

Year to date (week 1 – 46)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
3016	4597	559	777	143	160	25.6%	20.1%

Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, Week 1 – 46, 2019

Figure 2: Location of **confirmed** cases of Lassa Fever by state, Nigeria, week 46, 2019



Key points

- There were 101 suspected cases of Lassa Fever (LF) reported from 19 LGAs in 12 states and FCT (Edo – 58, Ondo – 21, Ebonyi – 7, Bauchi – 4, Plateau – 2, Taraba – 1, Gombe – 1, Kebbi – 1, Cross River – 1, Lagos – 1, FCT – 1, Osun – 1 & Abia – 2). There were 13 confirmed cases and no death was recorded

Actions

To date:

- National Lassa Fever multi-sectoral Technical Working Group (TWG) continues to coordinate response activities and support States
- Continuous monitoring of LF situation in states
- Harmonisation of LF laboratory, case management and surveillance data into the SORMAS platform

Planned:

- Finalise LF psychosocial guideline meeting in December 2019
- Review LF case management & surveillance tools and SOPs in December 2019
- Finalise advocacy packages for national and subnational policy/decision makers

Cerebrospinal Meningitis (CSM)

Week 46

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
18	0	0	State: 5 LGA: 8

Year to date (week 1 – 46)

Suspected cases	Confirmed cases	Deaths	CFR
2018 2019	2018 2019	2018 2019	2018 2019
4416 2032	318 126	359 103	8.1% 5.1%

Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, week 1 – 46, 2019

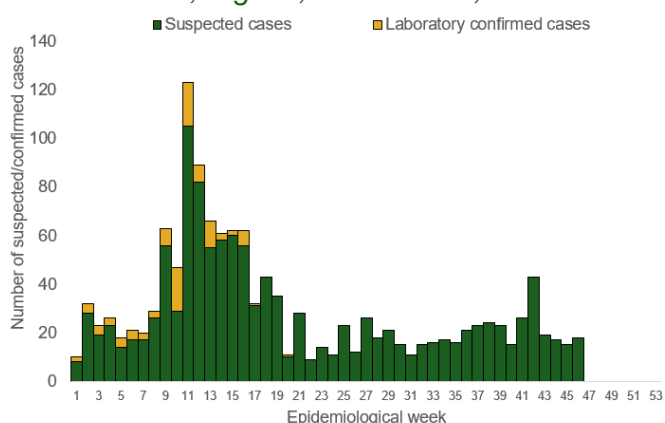
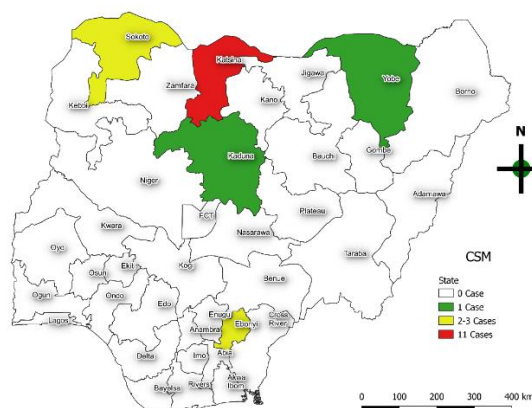


Figure 4: Location of suspected cases of CSM by State, Nigeria, week 46, 2019



Key points

There were 18 suspected cases of Cerebrospinal Meningitis (CSM) reported from eight LGAs in five states (Ebonyi – 3, Kaduna – 1, Katsina – 11, Sokoto – 2 & Yobe – 1). 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

Planned:

- Continue harmonisation of the national line list and SORMAS data

Yellow Fever

Week 46

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
71	0	1	State: 17 + FCT LGA: 40

Year to date (week 1 – 46)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
2407	3895	7	165	1	161	0%	4.1%

Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, week 1 – 46, 2019

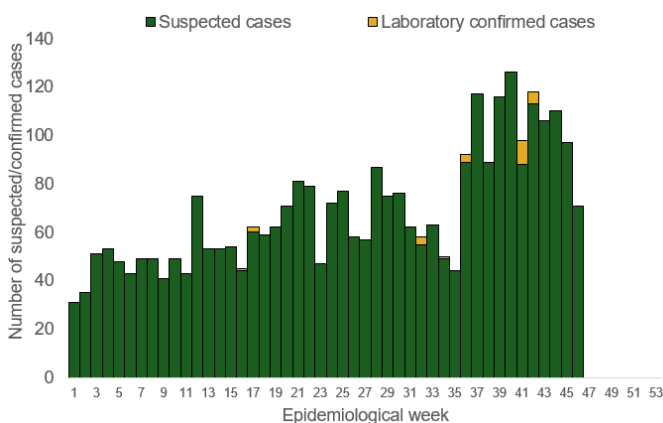
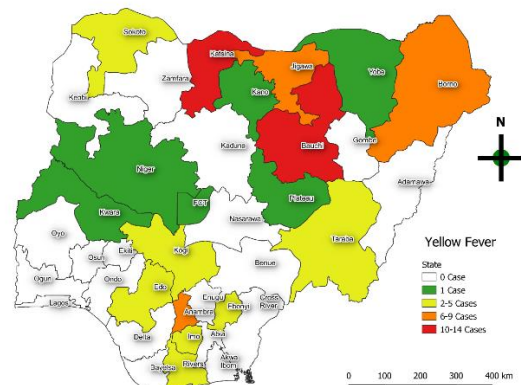


Figure 6: Location of suspected cases of Yellow Fever by State, Nigeria, week 46, 2019



Key points

- There were 71 suspected cases of Yellow Fever (YF) reported from 40 LGAs in 17 states and FCT. None was laboratory confirmed and one death was recorded

Actions

To date:

- National multiagency YF EOC is coordinating response activities
- National Rapid Response Teams (RRT) deployed to Bauchi, Benue and Katsina states
- International Coordinating Group (ICG) request for vaccines developed for Bauchi state (Ningi LGA) and Benue state (Gwer west and Makurdi LGAs) with NPHCDA
- Ongoing accreditation visit to NCDC National Reference Lab (NRL) by WHO AFRO laboratory team

Planned:

- Follow up on outcome of ICG request

Cholera

Week 46

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
34	8	0	State: 4 LGA: 7

Year to date (week 1 – 46)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
50438	2795	941	576	1127	38	2.2%	1.4%

Figure 7: Number of suspected and confirmed cases of Cholera, Nigeria, week 1 – 46, 2019

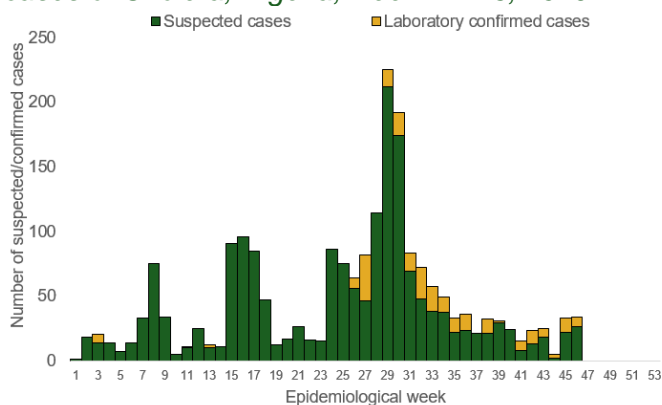
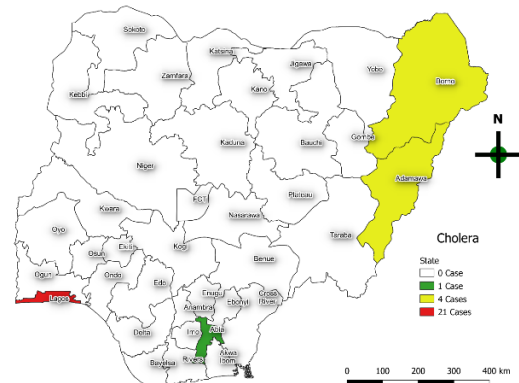


Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 46, 2019



Key points

- There were 34 suspected cases of cholera reported from seven LGAs in four states (Abia – 1, Adamawa – 8, Borno – 4 & Lagos - 21). There were eight laboratory confirmed cases and no death was recorded

Actions

To date

- National cholera multi-sectoral Technical Working Group (TWG) is monitoring all states and supporting already affected states
- Development of flood advisories by the communication team working with relevant TWGs

Planned:

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

Measles

Week 46

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
427	0	0	State: 27 LGA: 133

Year to date (week 1 – 46)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
15943	58134	21	2236	123	287	0.8%	0.5%

Figure 11: Number of suspected and confirmed cases of Measles, Nigeria, week 1 – 46, 2019

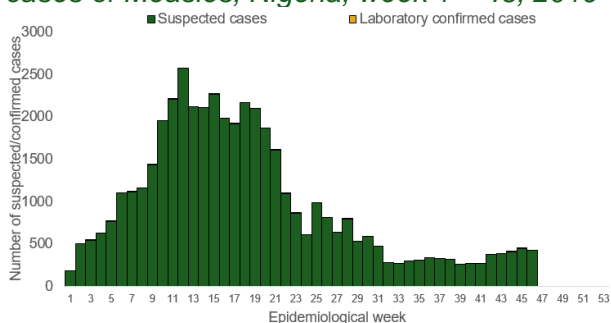
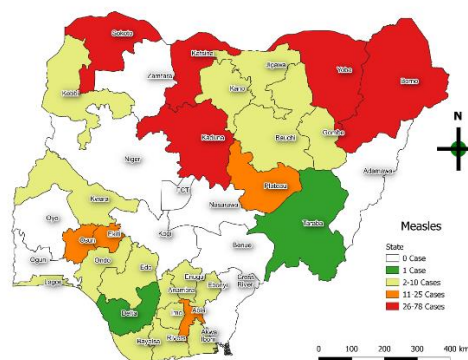


Figure 12: Location of suspected cases of Measles by State, Nigeria, week 46, 2019



Key points

- There were 427 suspected cases of measles reported from 133 LGAs in 27 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
- Conducted measles guideline review meeting

Planned:

- Continue the review of measles surveillance data across the country
- Finalise measles surveillance guideline

Monkeypox

Week 46

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

Year to date (week 1 – 46)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
104	101	42	43	1	2	1%	2%

Figure 13: Number of suspected and confirmed cases of Monkeypox, Nigeria, week 1–46, 2019

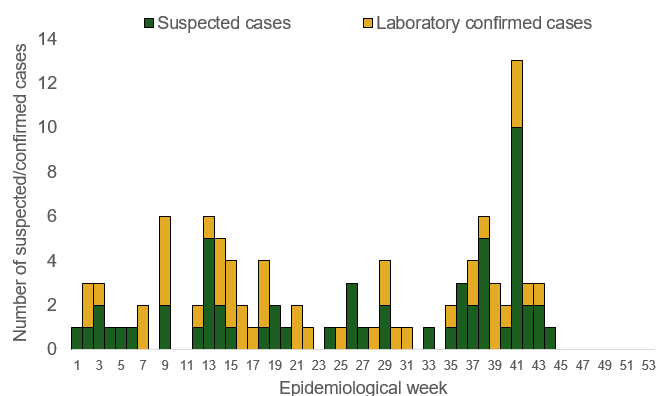
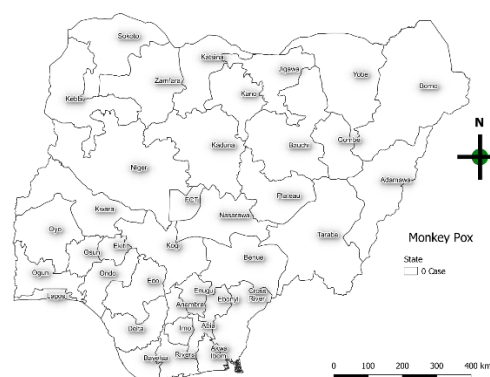


Figure 14: Location of suspected cases of Monkeypox by State, Nigeria, week 46, 2019



Key points

- There were no suspected cases of monkeypox reported this week.

Actions

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

Planned

- Regional monkeypox surveillance training in South East, South West and North Central in December 2019

Acute Flaccid Paralysis (AFP)

Week 46

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
119	0	0	State: 26 + FCT LGA: 99

Year to date (week 1 – 46)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
7845	5783	0	0	0	0	0%	0%

Figure 15: Number of suspected and confirmed cases of AFP, Nigeria, week 1– 46, 2019

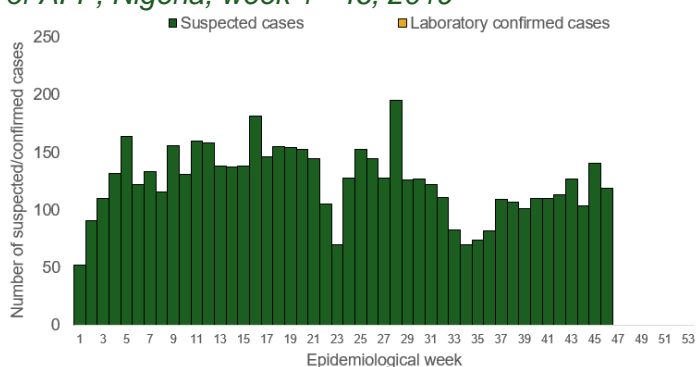
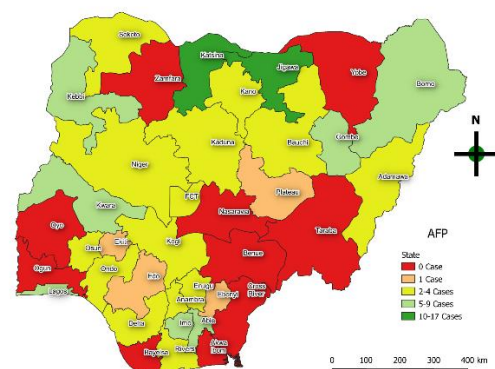


Figure 16: Location of suspected cases of AFP by State, Nigeria, week 46, 2019



Key points

- There were 119 suspected cases of AFP reported from 99 LGAs in 26 states and FCT. None was laboratory confirmed and no death was recorded

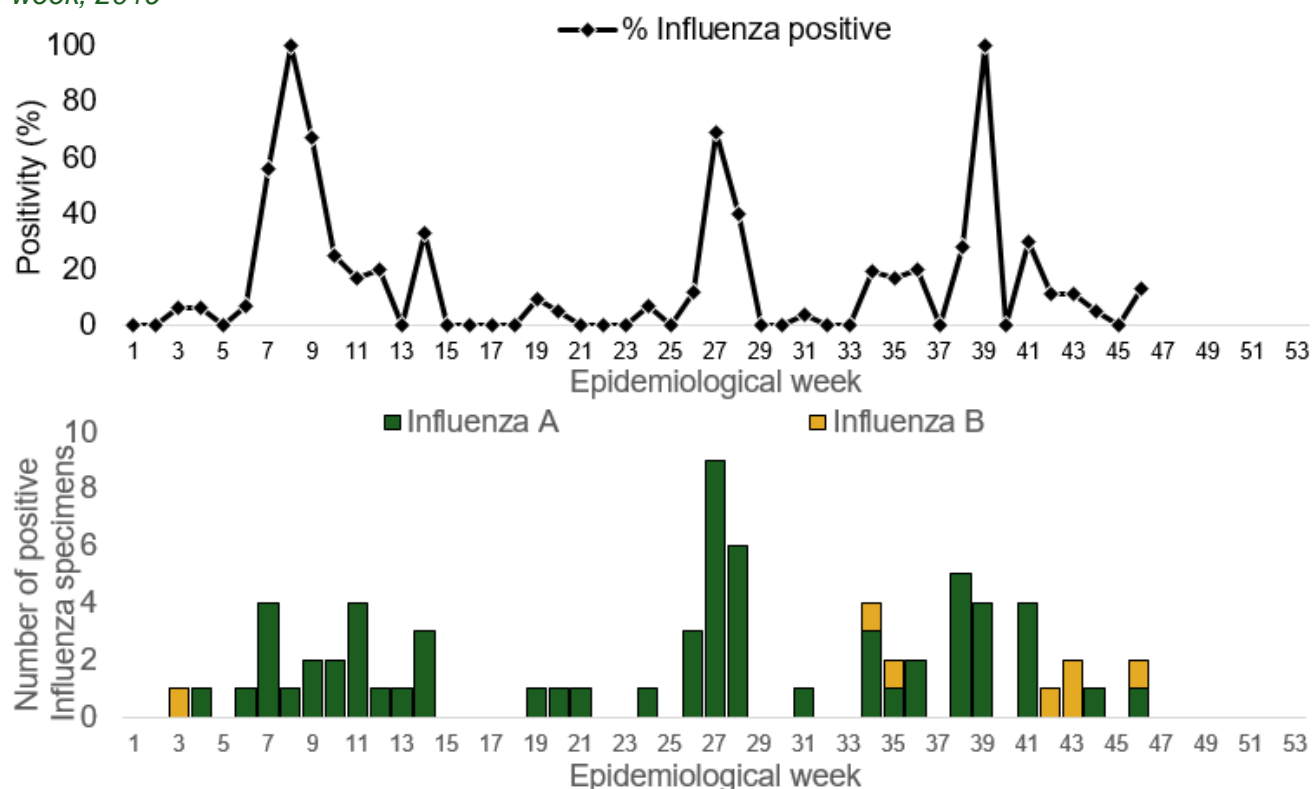
National Influenza Sentinel Surveillance

Year to date (week 1 – 46)

	Suspected cases	Suspected ILI	Suspected SARI
Number (Percentage)	552	504(91.3%)	48(8.1%)

	Confirmed cases		Confirmed ILI		Confirmed SARI	
	Influenza A	Influenza B	Influenza A	Influenza B	Influenza A	Influenza B
Number	68	9	63	9	5	0
Positivity (%)	12.3%	1.6%	12.5%	1.8%	10.4%	0%

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



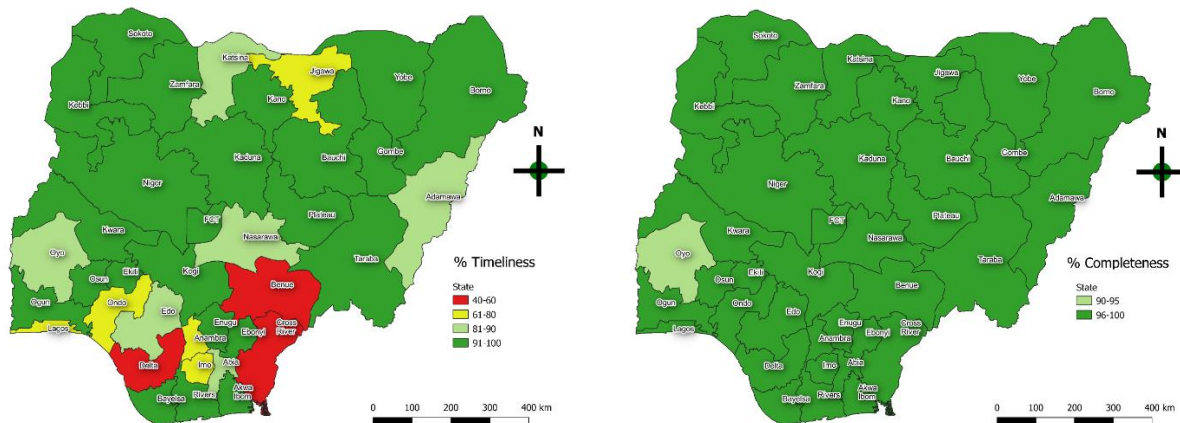
Key points

There were 78 processed samples positive for influenza, with 68 for influenza A, 9 for influenza B and 1 for influenza A & B

Timeliness and Completeness of Reports

Last 4 weeks (week 43 - 46, 2019)

Figure 18: A – Timeliness by State (%); B – Completeness by State (%), week 43 – 46, 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 43 – 46	Year to date Week 1 - 46
Reports sent on time	123	1502
Reports sent late	22	195
Reports not received	3	5
Timeliness	83.1%	88%
Completeness	98%	100%

States with reports not received in 2019 (week 1 – 46)

State	Week(s) report not received
Benue	46
Delta	10, 12
Nasarawa	46
Zamfara	46

Timeliness and Completeness of Reports by State

Year to date (week 1 – 46)

State	Timeliness (%)	Completeness (%)
Abia	83	100
Adamawa	89	100
Akwa Ibom	93	100
Anambra	78	100
Bauchi	93	100
Bayelsa	100	100
Benue	57	98
Borno	91	100
Cross River	48	100
Delta	59	96
Ebonyi	98	100
Edo	89	100
Ekiti	100	100
Enugu	93	100
FCT	100	100
Gombe	93	100
Imo	80	100
Jigawa	78	100
Kaduna	93	100
Kano	100	100
Katsina	89	100
Kebbi	93	100
Kogi	91	100
Kwara	93	100
Lagos	78	100
Nasarawa	87	98
Niger	91	100
Ogun	96	100
Ondo	74	100
Osun	100	100
Oyo	83	100
Plateau	93	100
Rivers	93	100
Sokoto	100	100
Taraba	91	100
Yobe	100	100
Zamfara	93	98