



Nigeria Centre for Disease Control
Protecting the health of Nigerians

Weekly Epidemiological Report

Week 44: 28th October – 03rd November 2019

Highlight of the Week

Nigeria prepares for her mid-term Joint External Evaluation (JEE)



This week's editorial provides information regarding the preparatory efforts by the Nigeria Centre for Disease, relevant Ministries, Departments and Agencies (MDAs) and relevant development partners towards the mid-term Joint External Evaluation (JEE) of Nigeria's International Health Regulations (IHR 2005) capacities. Our editorial for the Weekly Epidemiological Report for week 40 (see [link](#)) highlighted the introduction of the "National Action Plan for Health Security (NAPHS)" technical leads to the use of the JEE 2.0 tool.

Since the first Joint External Evaluation (JEE) of Nigeria's International Health Regulations (IHR 2005) capacities in 2017, resources have been invested in bridging the identified gaps and implementing activities within the NAPHS. To answer the questions ***"Where we were (2017), Where we are (2019), and Where we intend to be (2022)?"*** the NCDC will hold its mid-term JEE review workshop from 18th - 22nd November, 2019.

To ensure technical leads are better prepared for the mid-term JEE workshop process, NCDC in collaboration with relevant MDAs, and development partners on the 14th of November 2019 organised a multi-stakeholders workshop. The objectives were to:

1. Orient technical leads on the new JEE and Benchmarks tools from WHO
2. Review slide presentation templates
3. Review self-assessed JEE scores using the JEE 2.0 tool
4. Review selected Benchmarks for 2020 implementation

The major outcomes from the workshop were the self f-assessment of current progress and challenges in implementation of NAPHS using JEE 2.0 tool as well as identification of immediate next steps to implement in 2020.

Between the 18th and 22nd of November 2019, the Government of Nigeria through its MDAs will present the results of the self-assessment to external evaluators, led by the World Health Organization (WHO).

As the national focal point for IHR implementation in Nigeria, NCDC remains committed to working closely with other MDAs, to strengthen the capacity for national health security. We remain grateful to our partners for supporting this process.

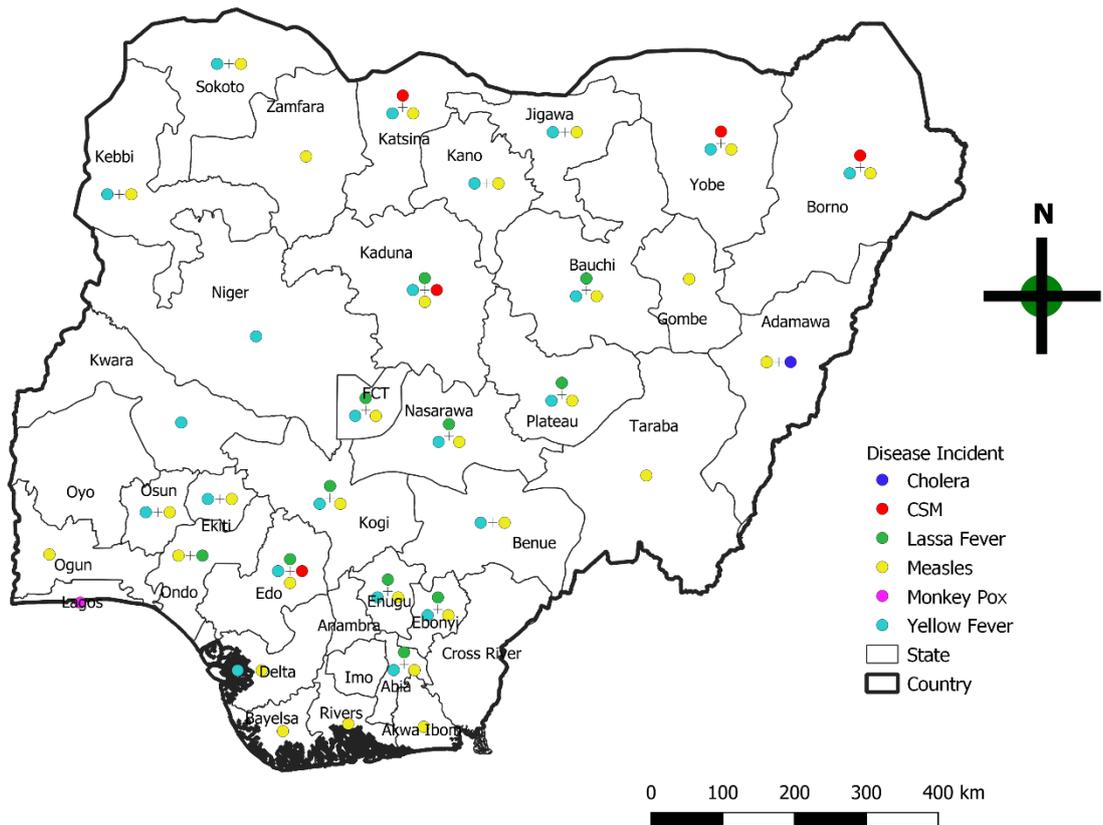
Summary of Incidents

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



Summary

Week 44: 28th October – 03rd November 2019

Lassa Fever ^{1,2}	Cerebrospinal Meningitis (CSM) ^{3,4}	Yellow Fever ^{3,4}
101 Suspected cases	17 Suspected cases	110 Suspected cases
11 Confirmed case(s)	0 Confirmed cases	0 Confirmed cases
1 Death(s)	1 Death(s)	1 Death(s)
Cholera ^{3,4}	Measles ^{3,4}	Monkeypox ^{1,4}
5 Suspected cases	403 Suspected cases	1 Suspected case(s)
3 Confirmed cases	0 Confirmed cases	0 Confirmed cases
0 Death(s)	2 Death(s)	0 Death(s)
Acute Flaccid Paralysis (AFP) ^{3,4}	National Sentinel influenza surveillance ⁵	
104 Suspected cases	0 Suspected cases	
0 Confirmed Polio	0 Confirmed cases	

Timeliness of reports ₃	Completeness of reports ₃
77.7% Last 4 weeks	92.6% Last 4 weeks
88% Year to date	99% 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 44

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
101	11	1	State: 11 + FCT LGA: 40

Year to date (week 1 – 44)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
2950	4396	553	754	143	158	25.9%	21%

Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, Week 1 – 44, 2019

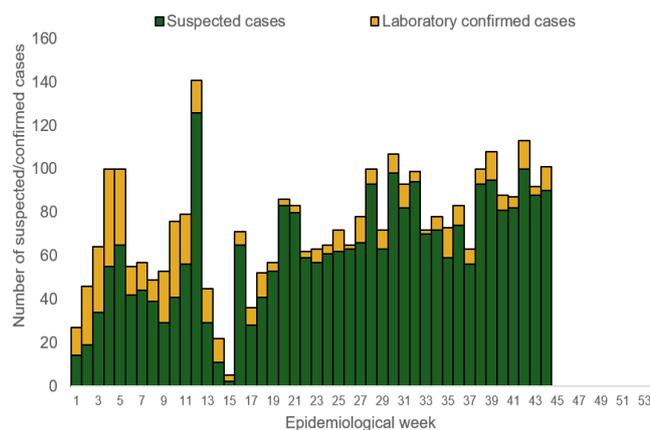
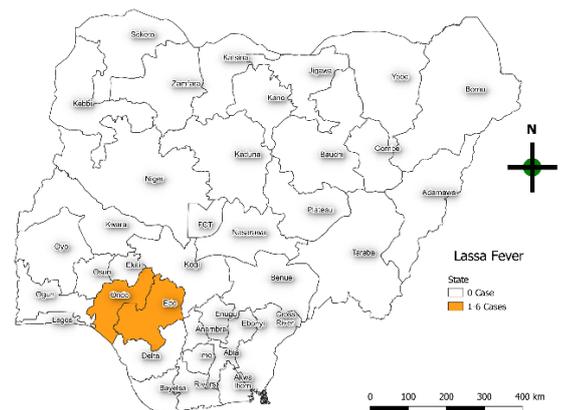


Figure 2: Location of **confirmed** cases of Lassa Fever by state, Nigeria, week 44, 2019



Key points

- There were 101 suspected cases of Lassa Fever (LF) reported from 40 LGAs in 11 states and FCT (Edo – 54, Ondo – 21, Ebonyi – 9, Bauchi – 6, Nasarawa – 1, Plateau – 3, FCT – 1, Kaduna – 2, Kogi – 1, Enugu – 1, Ogun – 1 & Abia – 1). There were 11 confirmed cases and one death was recorded

Actions

To date:

- The national Lassa Fever (LF) multi-partner, multi-sectoral Technical Working Group (TWG) continues to coordinate the response activities at all levels
- Harmonisation of LF laboratory, case management and surveillance data to SORMAS is ongoing

Planned:

- Finalise LF psychosocial guideline in November 2019
- Review LF case management and surveillance tools and SOPs in November 2019
- Implement rodent control measures in hotspot LGAs (Phase 2)

Cerebrospinal Meningitis (CSM)

Week 44

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
17	0	1	State: 5 LGA: 9

Year to date (week 1 – 44)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
4398	1977	318	122	359	102	8.2%	5.2%

Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, week 1 – 44, 2019

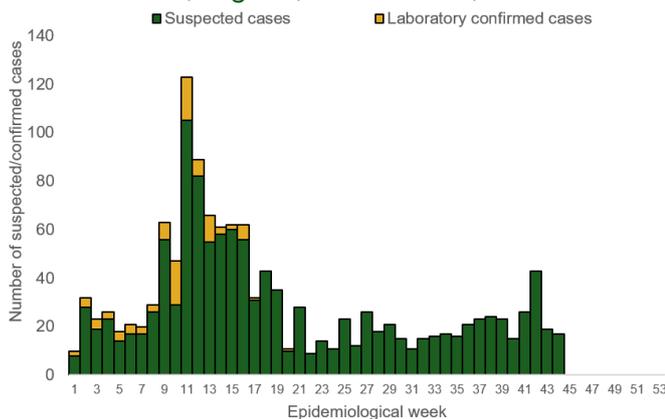
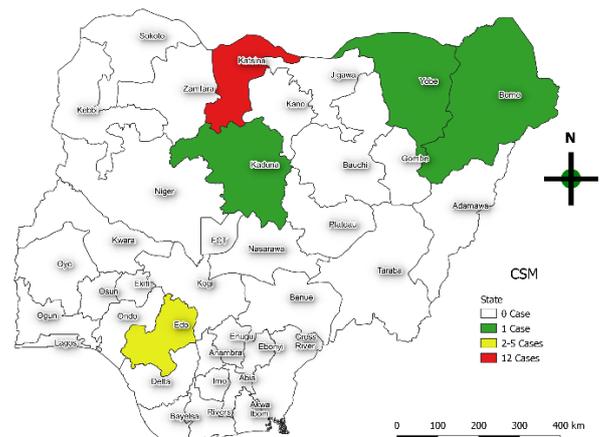


Figure 4: Location of suspected cases of CSM by State, Nigeria, week 44, 2019



Key points

There were 17 suspected cases of Cerebrospinal Meningitis (CSM) reported from nine LGAs in five states (Borno – 1, Edo – 2, Kaduna – 1, Katsina – 12, Yobe – 1). None was laboratory confirmed and one death was recorded

Actions

To date:

- The national CSM TWG meets weekly to review reports from states and plan appropriately

Planned:

- Continue harmonisation of the national line list and SORMAS data
- Collate CSM risk assessment, preparedness and response checklist for 2019/2020 from states to reflect 2018/2019 CSM response
- Continue to work closely with Katsina state's team for further investigation of CSM cases and ensure proper sample collection

Yellow Fever

Week 44

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
110	0	1	State: 22 + FCT LGA: 56

Year to date (week 1 – 44)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
2311	3006	7	10	1	40	0%	1.3%

Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, week 1 – 44, 2019

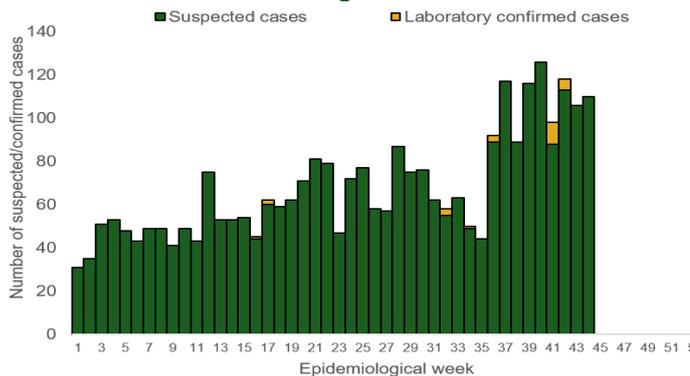
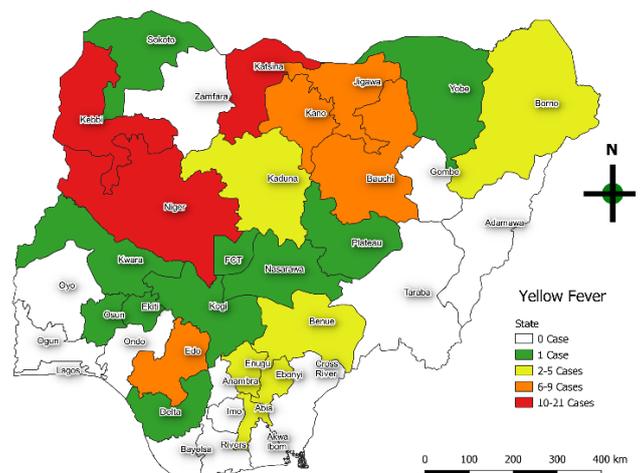


Figure 6: Location of suspected cases of Yellow Fever by State, Nigeria, week 44, 2019



Key points

- There were 110 suspected cases of Yellow Fever (YF) reported from 56 LGAs in 22 states and FCT. None was laboratory confirmed and one death was recorded

Actions

To date:

- The national Yellow Fever (YF) Technical Working Group to continues to coordinate response activities
- Following up with the new states with confirmed cases (Taraba and Plateau states)
- Rapid Response Teams (RRT) have been deployed to Benue and Katsina states

Planned:

- Provide technical assistance to Bauchi state to conduct detailed investigation in Ningi LGA
- Follow up with NPHCDA on the pre-implementation plans for yellow fever preventive/reactive mass vaccination campaigns in the implementing LGAs/states
- Provide update from States to Risk Communication pillar for Action

Cholera

Week 44

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
5	3	0	State: 1 LGA: 3

Year to date (week 1 – 44)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
49976	2602	907	319	1123	38	2.2%	1.5%

Figure 7: Number of suspected and confirmed cases of Cholera, Nigeria, week 1 – 44, 2019

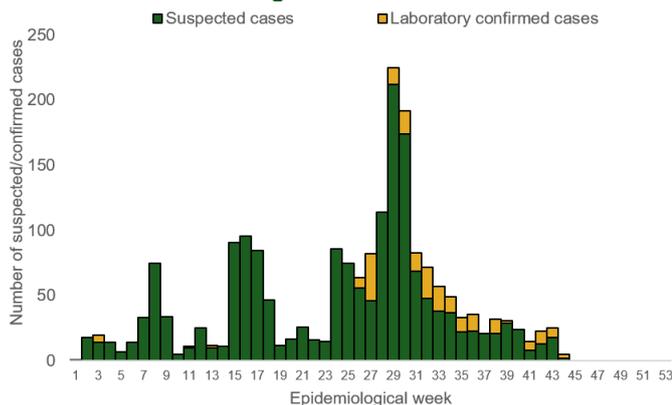
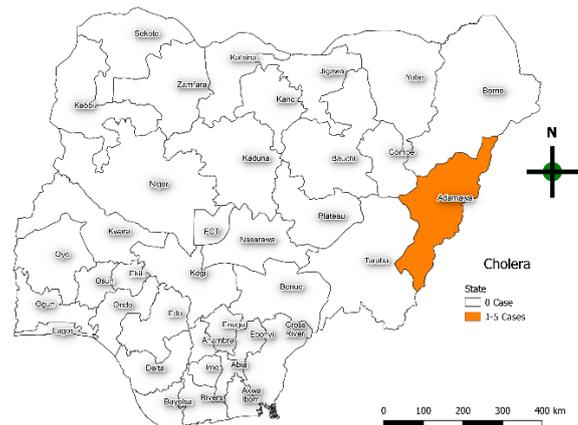


Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 44, 2019



Key points

- There were five suspected cases of cholera reported from three LGAs in Adamawa state. There were three laboratory confirmed cases and no death was recorded

Actions

To date

- The national Cholera multisectoral Technical Working Group (TWG) is monitoring all states and supporting already affected states
- Collected samples tested at the NCDC Central Public Health Laboratory Lagos
- Deploy a team from NCDC to carry out investigation of the ongoing outbreak in Lagos State
- Communication team working with relevant TWGs to develop flood advisories

Planned:

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

Measles

Week 44

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
403	0	2	State: 29 + FCT LGA: 126

Year to date (week 1 – 44)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
15518	57255	21	1881	123	277	0.8%	0.5%

Figure 11: Number of suspected and confirmed cases of Measles, Nigeria, week 1 – 44, 2019

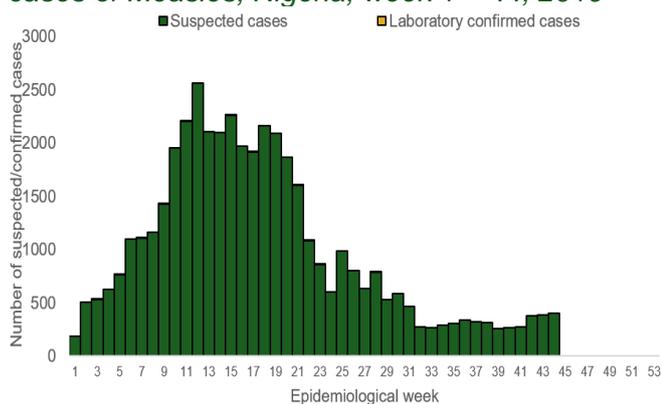
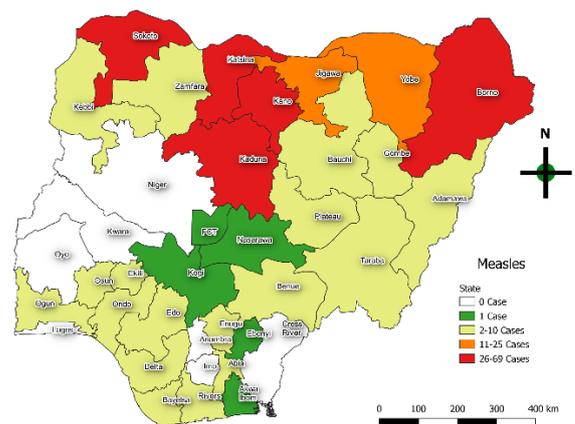


Figure 12: Location of suspected cases of Measles by State, Nigeria, week 44, 2019



Key points

- There were 403 suspected cases of measles reported from 126 LGAs in 29 states and FCT. None was laboratory confirmed and two deaths was recorded

Actions

To date

- The national measles TWG is closely monitoring surveillance data and response activities across the country

Planned:

- Continue review of measles surveillance data across the country
- Follow up with Katsina surveillance team to obtain measles line list
- National TWG to be represented at the Measles Elimination Verification committee meeting scheduled for 11th to 13th November

Monkeypox

Week 44

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

Year to date (week 1 – 44)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
98	102	52	43	0	0	0%	0%

Figure 13: Number of suspected and confirmed cases of Monkeypox, Nigeria, week 1–44, 2019

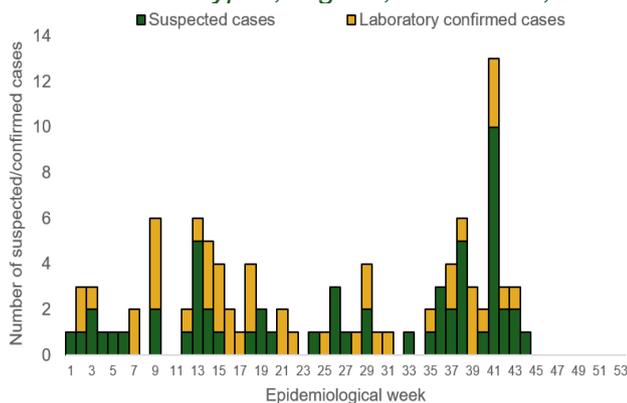
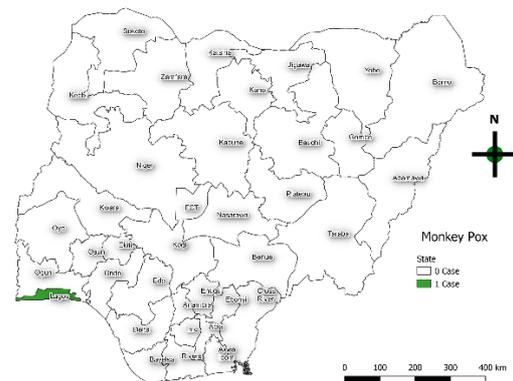


Figure 14: Location of suspected cases of Monkeypox by State, Nigeria, week 44, 2019



Key points

- There was one suspected case of monkeypox reported from one LGA in Lagos state. The case was not confirmed and no death was recorded

Actions

- The national monkeypox TWG is monitoring activities in all states
- Surveillance has been enhanced in all affected states

Planned

- Regional monkeypox surveillance training in South East, South West and North Central in November 2019
- Capture monkeypox data into SITAWARE for real time reporting

Acute Flaccid Paralysis (AFP)

Week 44

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
104	0	0	State: 28 + FCT LGA: 93

Year to date (week 1 – 44)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
7446	5523	0	0	0	0	0%	0%

Figure 15: Number of suspected and confirmed cases of AFP, Nigeria, week 1– 44, 2019

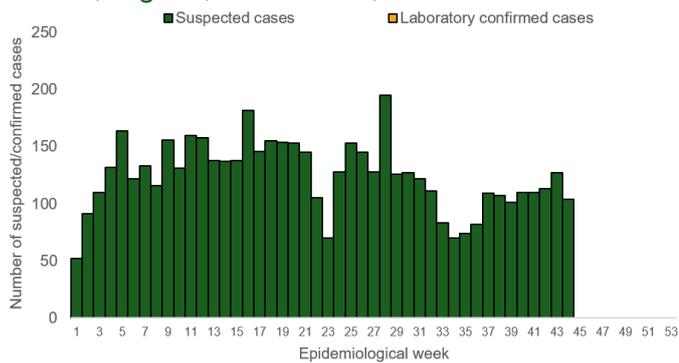
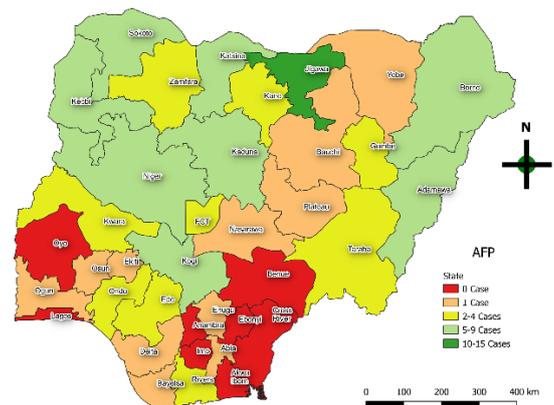


Figure 16: Location of suspected cases of AFP by State, Nigeria, week 44, 2019



Key points

- There were 104 suspected cases of AFP reported from 93 LGAs in 28 states and FCT. None was laboratory confirmed and no death was recorded

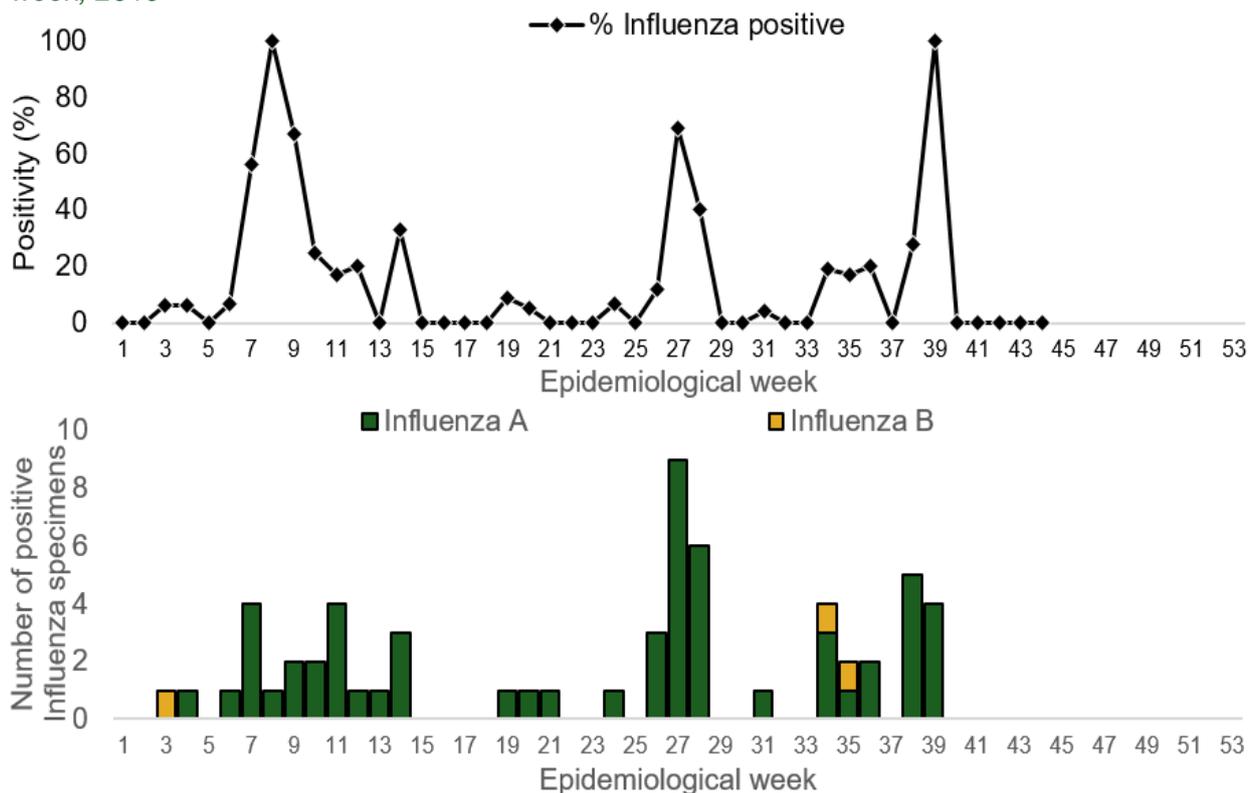
National Influenza Sentinel Surveillance

Year to date (week 1 – 44)

	Suspected cases	Suspected ILI	Suspected SARI
Number (Percentage)	463	425(91.8%)	41(8.2%)

	Confirmed cases		Confirmed ILI		Confirmed SARI	
	Influenza A	Influenza B	Influenza A	Influenza B	Influenza A	Influenza B
Number	61	5	56	5	5	0
Positivity (%)	13.2%	1.1%	13.2%	1.2%	12.2%	0%

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



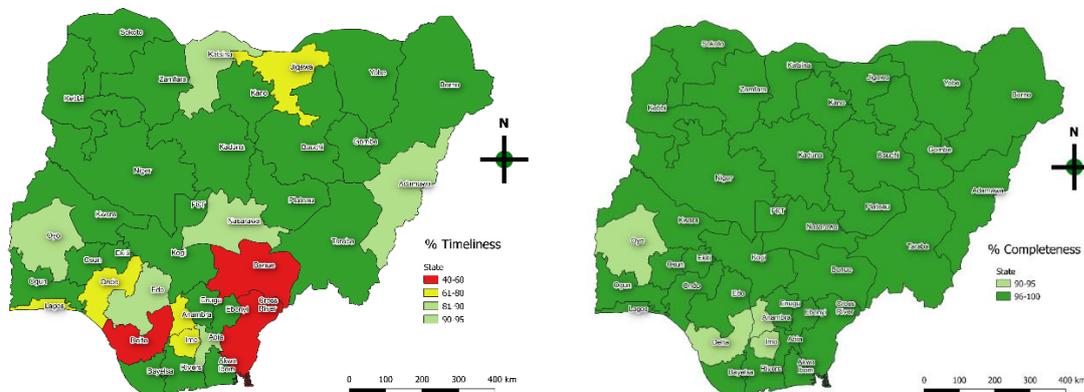
Key points

There were 67 processed samples positive for influenza, with 61 for influenza A, 5 for influenza B and 1 for influenza A & B

Timeliness and Completeness of Reports

Last 4 weeks (week 41 - 44, 2019)

Figure 18: A – Timeliness by State (%); B – Completeness by State (%), week 41 – 44, 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 40 – 43	Year to date Week 1- 43
Reports sent on time	115	1436
Reports sent late	22	179
Reports not received	11	13
Timeliness	77.7%	88%
Completeness	92.6%	99%

States with reports not received in 2019 (week 1 – 44)

State	Week(s) report not received
Adamawa	43
Anambra	43,44
Cross River	44
Delta	10,12
Imo	42,43,44
Lagos	44
Oyo	43,44
Taraba	43

Timeliness and Completeness of Reports by State

Year to date (week 1 – 44)

State	Timeliness (%)	Completeness (%)
Abia	84	100
Adamawa	89	98
Akwa Ibom	95	100
Anambra	77	95
Bauchi	93	100
Bayelsa	100	100
Benue	57	100
Borno	91	100
Cross River	45	98
Delta	57	95
Ebonyi	98	100
Edo	89	100
Ekiti	100	100
Enugu	93	100
FCT	100	100
Gombe	93	100
Imo	80	93
Jigawa	80	100
Kaduna	93	100
Kano	100	100
Katsina	89	100
Kebbi	95	100
Kogi	91	100
Kwara	93	100
Lagos	77	98
Nasarawa	89	100
Niger	91	100
Ogun	95	100
Ondo	73	100
Osun	100	100
Oyo	84	95
Plateau	93	100
Rivers	93	100
Sokoto	100	100
Taraba	91	100
Yobe	100	100
Zamfara	95	100