



Weekly Epidemiological Report

Week 40: 30th September – 6th October 2019

Highlight of the Week

Towards Nigeria's Mid-Term Joint External Evaluation



In 2017, the Nigeria Centre for Disease Control in collaboration with various Ministries, Departments and Agencies (MDAs), as well as relevant development partners carried out a Joint External Evaluation (JEE) of Nigeria's International Health Regulations (IHR 2005) capacities.

The 2017 JEE highlighted critical gaps in Nigeria's health security system. Out of that, a National Action Plan for Health Security (NAPHS) was developed and launched in 2018. Since the 2017 JEE, NCDC as the IHR National Focal Point, as well as other MDAs have invested resources in closing the gaps identified. Towards this, Nigeria intends to hold a mid-term JEE to answer the critical question on ***"What progress has been made across the 19 IHR technical areas in Nigeria since 2017?"*** The mid-term JEE will be carried out from November 18 - 22 2019, supported by the World Health Organization.

Since the first JEE in Nigeria in 2017, changes have been made including the introduction of a JEE 2.0 tool. To ensure technical leads are better prepared for the process, the US Centers for Disease Control (US-CDC) and World Health Organisation (WHO) supported NCDC to train officers on the new JEE 2.0 tool. In attendance were representatives from the Federal Ministry of Health, Ministry of Agriculture and Rural Development, Ministry of Finance, Office of the National Security Adviser etc. The workshop provided a unique opportunity to introduce the new tool as well as brainstorm on strategies to ensure a successful mid-term JEE.

A major outcome from the workshop was that the cross-sectoral technical leads have improved understanding and capacity to provide support in the following desired mid-term JEE outputs:

1. Objectively revise the JEE scores using the new tool
2. Document a narrative describing major accomplishments and challenges since the JEE was conducted
3. Develop a one-year operational plan, using JEE scores to identify the [Benchmark Actions](#) (approximately three Benchmark Actions per technical area)
4. Map partner areas of support to selected benchmarks, with identification of gap areas that should be prioritised for resource mobilization

As the national focal point for IHR implementation in Nigeria, NCDC remains committed to fulfilling its obligations in ensuring national health security. This is in collaboration with other MDAs in Nigeria and partners. It is hoped that the forth-coming mid-term JEE review will provide another opportunity for diverse stakeholders to come together to review progress made and ultimately develop a one-year operational plan for a seamless implementation of NAPHS.

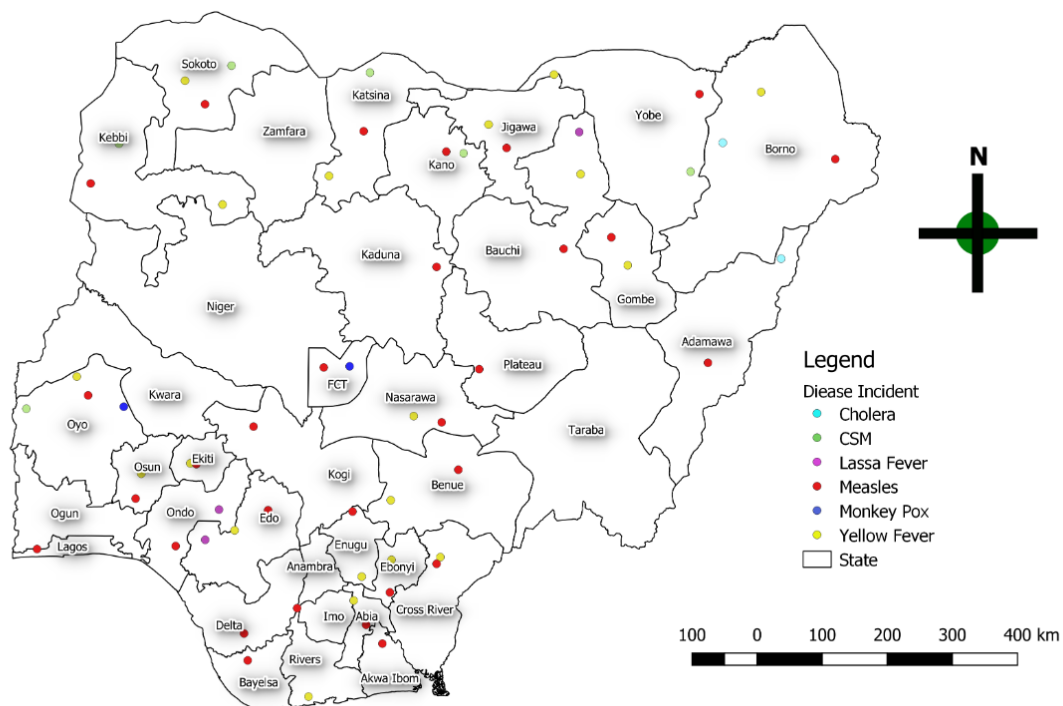
Summary of Incidents

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 40: 30th September – 6th October 2019

Lassa Fever _{1,2}	Cerebrospinal Meningitis (CSM) _{3,4}	Yellow Fever _{3,4}
88 Suspected cases	15 Suspected cases	126 Suspected cases
7 Confirmed case(s)	0 Confirmed cases	0 Confirmed cases
1 Death(s)	0 Death(s)	1 Death(s)
Cholera _{3,4}	Measles _{3,4}	Monkeypox _{1,4}
24 Suspected cases	270 Suspected cases	2 Suspected case(s)
0 Confirmed cases	0 Confirmed cases	1 Confirmed cases
0 Death(s)	0 Death(s)	0 Death(s)
Acute Flaccid Paralysis (AFP) _{3,4}	National Sentinel influenza surveillance ₅	
110 Suspected cases	0 Suspected cases	
0 Confirmed Polio	0 Confirmed cases	

Timeliness of reports ₃	Completeness of reports ₃
94.6% Last 4 weeks	96.6% Last 4 weeks
89% Year to date	99% 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 40

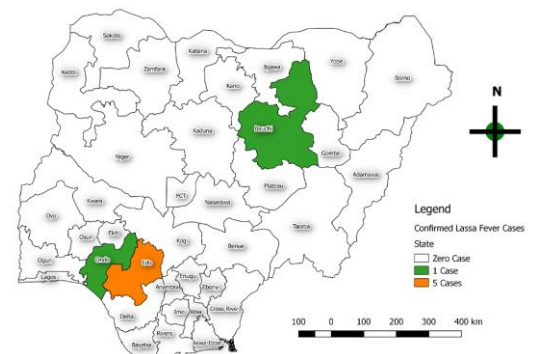
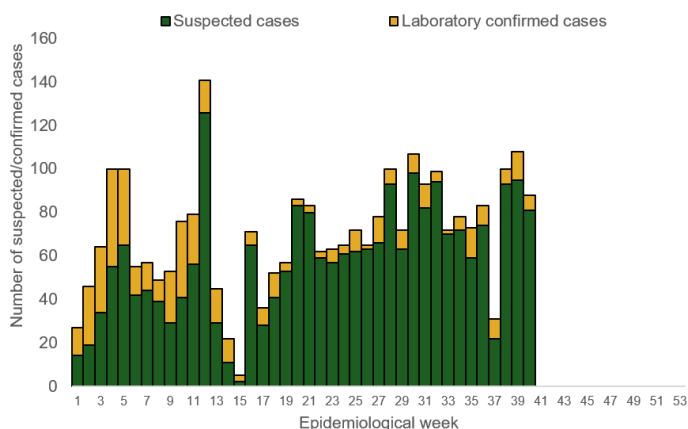
Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
88	7	1	State: 10 LGA: 15

Year to date (week 1 – 40)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
2648	4019	523	721	135	154	19.8%	18%

Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, Week 1 – 40, 2019

Figure 2: Location of **confirmed** cases of Lassa Fever by state, Nigeria, week 40, 2019



Key points

- There were 88 suspected cases of Lassa Fever (LF) reported from 15 LGAs in 10 states (Edo – 54, Ondo – 22, Ebonyi – 2, Bauchi – 3, Plateau – 2, Benue – 1, Enugu – 1, Oyo – 1, Delta – 1, Lagos – 1). There were seven confirmed cases and one death was recorded

Actions

To date:

- National Lassa Fever multi-partner, multi-sectoral Technical Working Group (TWG) continues to coordinate the response activities at all levels
- Lassa Fever treatment centres assessment visits to Bauchi, Taraba and Plateau states
- Implementation of targeted risk communication and enhanced surveillance activities in affected states

Planned:

- Support indigent patients with treatment cost via basic health care provision funds
- Conduct a meeting to finalise the LF psychosocial guideline in October 2019
- Review LF case management and surveillance tools, and SOPs in October 2019

Cerebrospinal Meningitis (CSM)

Week 40

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
15	0	0	State: 6 LGA: 8

Year to date (week 1 – 40)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
4342	1872	318	122	357	101	8.2%	5.4%

Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, week 1 – 40, 2019

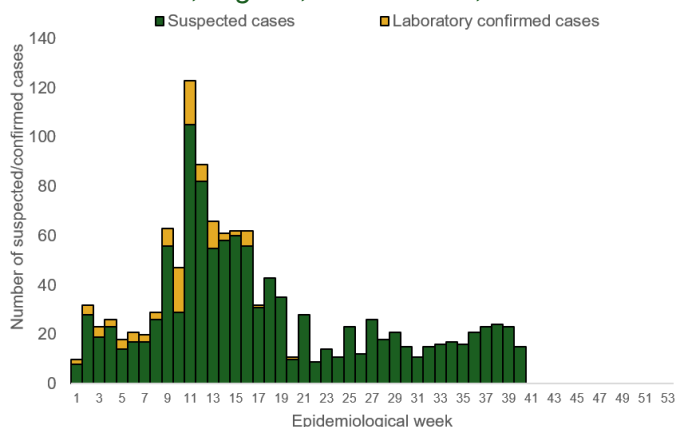
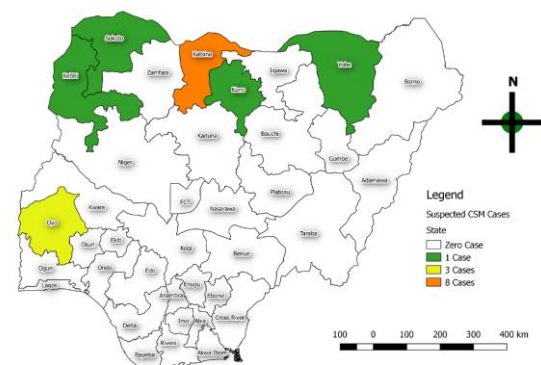


Figure 4: Location of suspected cases of CSM by State, Nigeria, week 40, 2019



Key points

There were 15 suspected cases of Cerebrospinal Meningitis (CSM) reported from eight LGAs in six states (Kano – 1, Katsina – 8, Kebbi – 1, Oyo – 3, Sokoto – 1, & Yobe – 1). None was laboratory confirmed and no 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
- Establish a mechanism for getting weekly feedback from states

Yellow Fever

Week 40

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
126	0	1	State: 19 LGA: 75

Year to date (week 1 – 40)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
2091	2570	7	10	1	38	0%	1.5%

Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, week 1 – 40, 2019

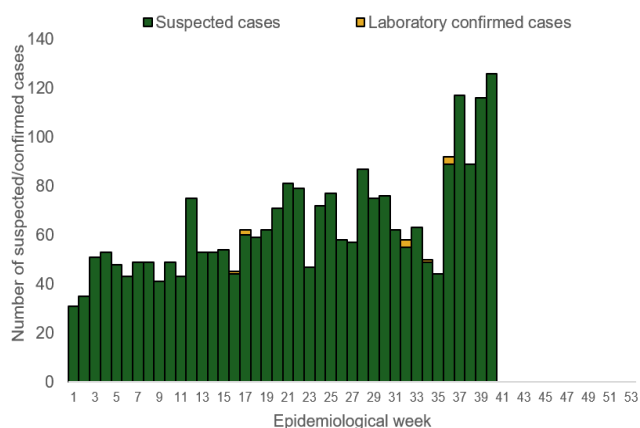
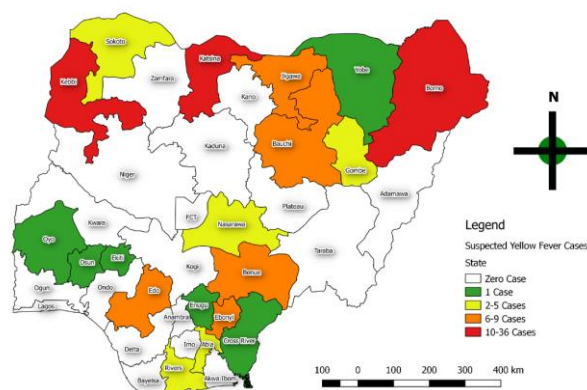


Figure 6: Location of suspected cases of Yellow Fever by State, Nigeria, week 40, 2019



Key points

There were 126 suspected cases of Yellow Fever (YF) reported from 75 LGAs in 19 states. None was laboratory confirmed and one death was recorded

Actions

To date:

- The multiagency Yellow Fever (YF) Incident Management System (IMS) has been de-activated to YF Technical Working Group to continue with the coordination of the response activities
- Following up with the new states with confirmed cases (Taraba and Plateau states)
- Operationalisation of the three new laboratories added to the YF laboratory network

Planned:

- Continue on-site and off-site support to affected states
- Conduct preventive mass vaccination campaign at Rivers, Ekiti & Anambra states in the fourth week of November 2019
- Notify all North- Eastern states to officially begin to send samples to National Reference Laboratory Gaduwa, Abuja

Cholera

Week 40

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
24	0	0	State: 2 LGA: 2

Year to date (week 1 – 40)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
46012	2532	838	289	1063	38	2.3%	1.5%

Figure 7: Number of suspected and confirmed cases of Cholera, Nigeria, week 1 – 40, 2019

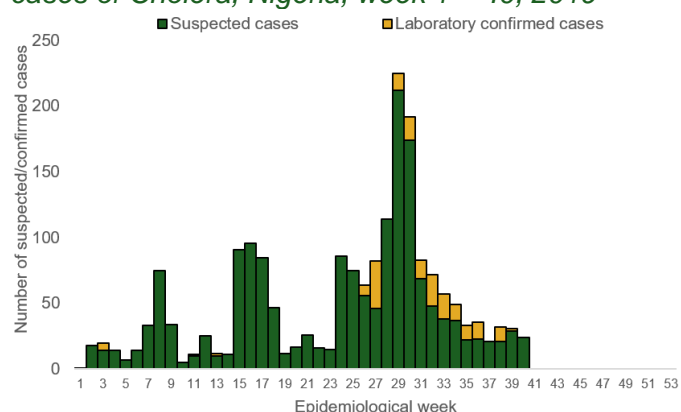
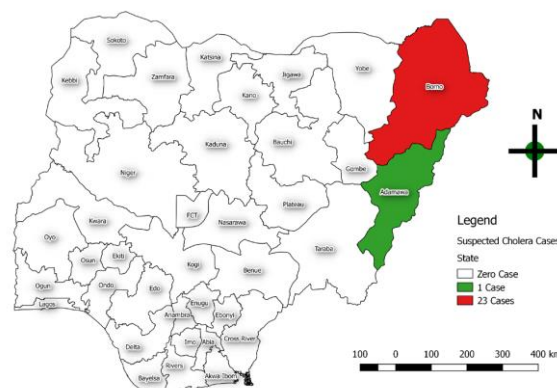


Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 40, 2019



Key points

There were 24 suspected cases of Cholera reported from two LGAs in two states (Adamawa – 1 & Borno – 23). None was laboratory confirmed and no death was recorded

Actions

To date:

- Cholera multisectoral preparedness meeting held with partners in Borno state
- National cholera TWG continues to coordinate activities in states in collaboration with Federal Ministry of Water Resources (FMWR) and support from partners
- Adamawa state EOC continues to coordinate response activities with support from partners

Planned:

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

Measles

Week 40

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
270	0	0	State: 29 + FCT LGA: 121

Year to date (week 1 – 40)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
14671	55746	21	1881	116	275	0.8%	0.5%

Figure 11: Number of suspected and confirmed cases of Measles, Nigeria, week 1 – 40, 2019

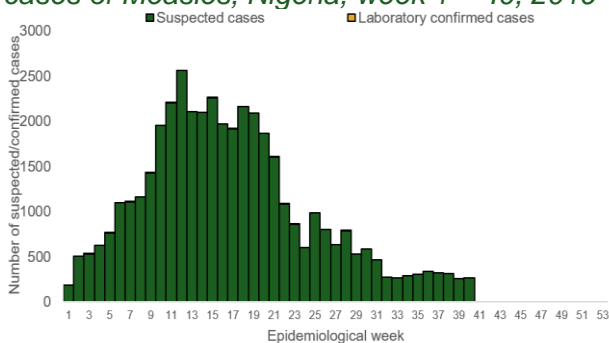
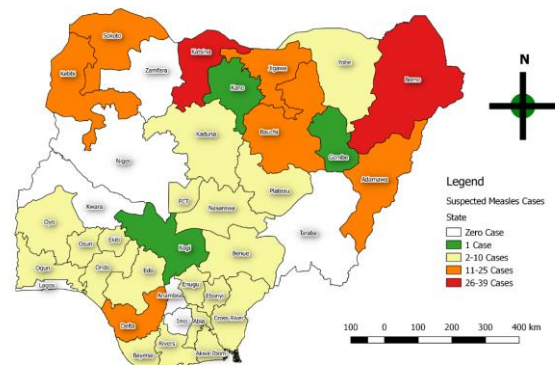


Figure 12: Location of suspected cases of Measles by State, Nigeria, week 40, 2019



Key points

- There were 270 suspected cases of measles reported from 121 LGAs in 29 states and FCT
- None was laboratory confirmed and no death was recorded

Actions

To date

- Measles TWG closely monitoring surveillance data and response activities across the country
- The TWG is working closely with NPHCDA towards measles Supplemental Immunization Activity in Nigeria
- Following up with states still reporting more than 50 cases of measles
- Conducted measles surveillance guideline consolidation meeting from 15th – 17th October 2019

Planned:

- Continue the review of measles surveillance data across the country
- Follow up with Katsina state on the next line of action

Monkeypox

Week 40

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
2	1	0	State: 1 + FCT LGA: 2

Year to date (week 1 – 39)

Suspected cases	Confirmed cases	Deaths	CFR
2018 2019	2018 2019	2018 2019	2018 2019
89 83	47 40	1 0	1.1% 0%

Figure 13: Number of suspected and confirmed cases of Monkeypox, Nigeria, week 1–40, 2019

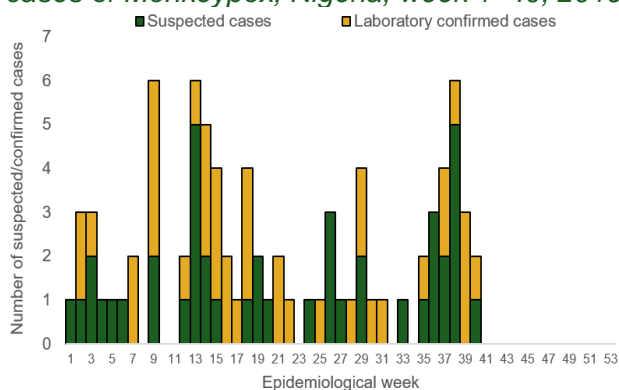
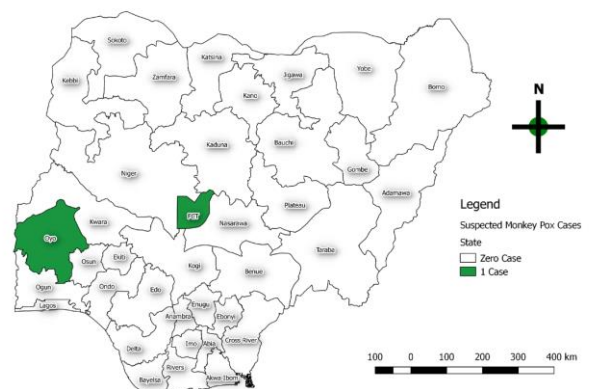


Figure 14: Location of suspected cases of Monkeypox by State, Nigeria, week 40, 2019



Key points

- There were two suspected cases of monkeypox reported from two LGAs in one state (Oyo) and the FCT
- None was laboratory confirmed and no death was recorded

Actions

To date:

- Rapid Response Team deployed to Akwa Ibom state to support surveillance activities
- Surveillance has been enhanced in all affected states

Planned

- Follow up with affected states on completing missing information in the Case Information Form
- Follow up to ensure all contacts are line listed and monitored for 21 days

Acute Flaccid Paralysis (AFP)

Week 40

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
110	0	0	State: 29 + FCT LGA: 91

Year to date (week 1 – 40)

Suspected cases		Confirmed cases		Deaths		CFR	
2018	2019	2018	2019	2018	2019	2018	2019
0	5048	0	0	0	0	0%	0%

Figure 15: Number of suspected and confirmed cases of AFP, Nigeria, week 1–40, 2019

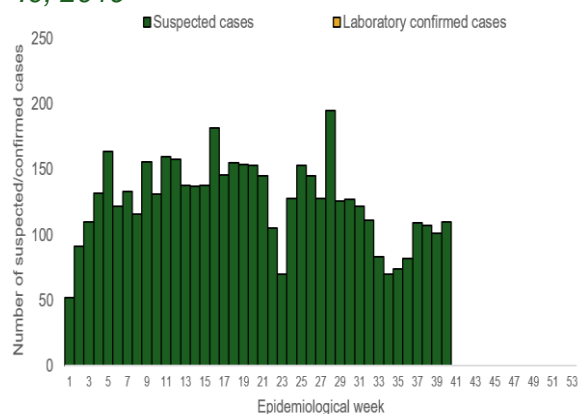
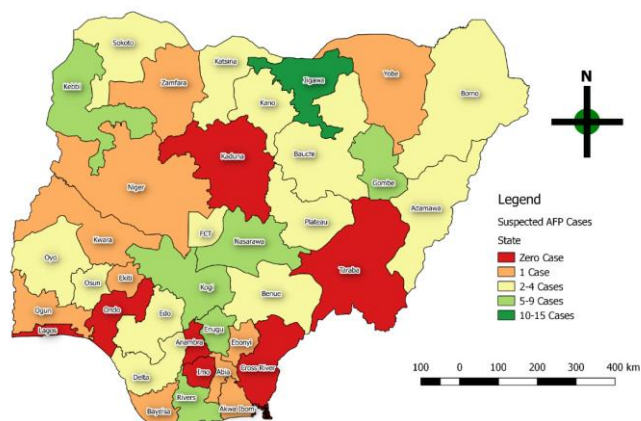


Figure 16: Location of suspected cases of AFP by State, Nigeria, week 40, 2019



Key points

- There were 110 suspected cases of AFP reported from 91 LGAs in 29 states and FCT. None was laboratory confirmed and no death was recorded

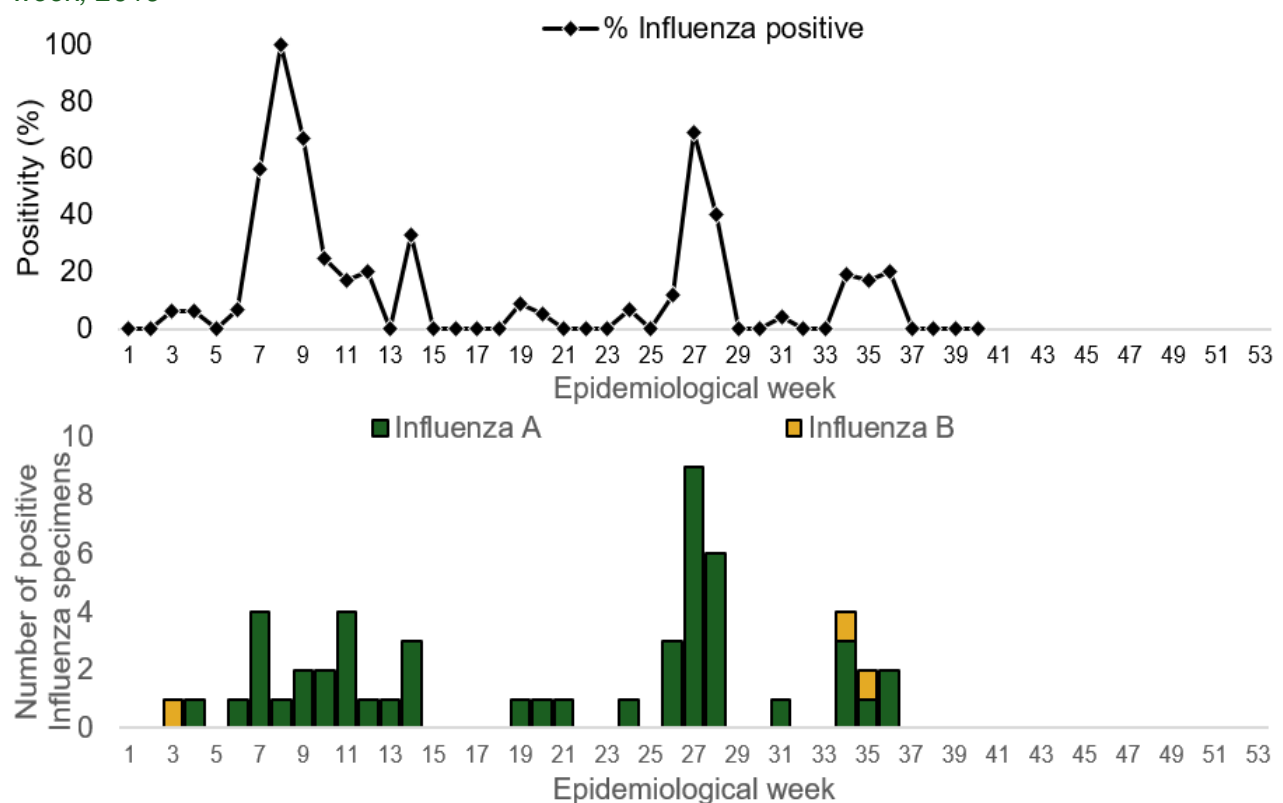
National Influenza Sentinel Surveillance

Year to date (week 1 – 40)

	Suspected cases	Suspected ILI	Suspected SARI
Number (Percentage)	421	382(90.5%)	40(9.5%)

	Confirmed cases		Confirmed ILI		Confirmed SARI	
	Influenza A	Influenza B	Influenza A	Influenza B	Influenza A	Influenza B
Number	49	3	45	3	4	0
Positivity (%)	11.6%	0.7%	11.8%	0.8%	10%	0%

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



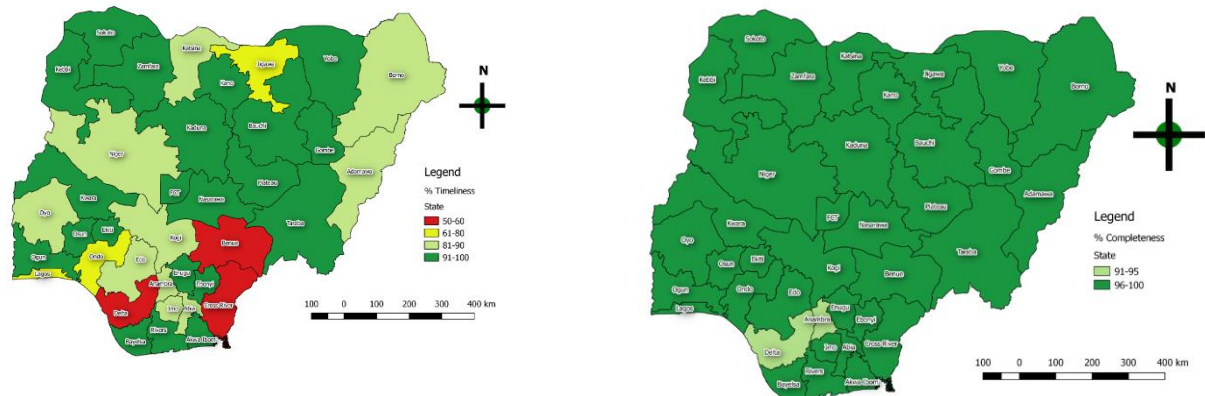
Key points

There were 53 processed samples positive for influenza, with 49 for influenza A, 3 for influenza B and 1 for influenza A & B

Timeliness and Completeness of Reports

Last 4 weeks (week 37 - 40, 2019)

Figure 18: A – Timeliness by State (%); B – Completeness by State (%), week 37 – 40, 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 37 – 40	Year to date Week 1- 40
Reports sent on time	140	1321
Reports sent late	3	151
Reports not received	5	8
Timeliness	94.6%	89%
Completeness	96.6%	99%

States with reports not received in 2019 (week 1 – 40)

Anambra	38,39,40
Delta	8,10,12
Imo	40
Lagos	40

Timeliness and Completeness of Reports by State

Year to date (week 1 – 40)

State	Timeliness (%)	Completeness (%)
Abia	88	100
Adamawa	90	100
Akwa Ibom	95	100
Anambra	83	93
Bauchi	93	100
Bayelsa	100	100
Benue	60	100
Borno	90	100
Cross River	50	100
Delta	53	93
Ebonyi	98	100
Edo	88	100
Ekiti	100	100
Enugu	93	100
FCT	100	100
Gombe	95	100
Imo	88	98
Jigawa	78	100
Kaduna	93	100
Kano	100	100
Katsina	90	100
Kebbi	95	100
Kogi	90	100
Kwara	98	100
Lagos	80	98
Nasarawa	95	100
Niger	90	100
Ogun	95	100
Ondo	75	100
Osun	100	100
Oyo	88	100
Plateau	93	100
Rivers	93	100
Sokoto	100	100
Taraba	95	100
Yobe	100	100
Zamfara	98	100