



Nigeria Centre for Disease Control
Protecting the health of Nigerians

Weekly Epidemiological Report

Week 50: 7th – 13th December 2020

Highlight of the Week

2020 in review: 10 highlights for the Nigeria Centre for Disease Control



The year 2020 was been unprecedented in various ways. In addition to deploying a vast amount of resources to all 36 states and the Federal Capital Territory in response to the COVID-19 pandemic, the Nigeria Centre for Disease Control (NCDC) also worked closely with colleagues at the state level, World Health Organisation and other relevant partners to respond to concurrent outbreaks of Lassa fever and yellow fever, as well as continuous surveillance and response to cases of cholera, monkeypox and measles.

The COVID-19 pandemic has had a huge impact on the lives and livelihood of Nigerians, and strained our health sector. In leading the national public health response, we have continuously employed diverse strategies at national and subnational levels. We have especially supported states to strengthen their capacities for outbreak prevention, preparedness, detection and response in Nigeria.

This week's editorial provides a summary of ten major highlights in the year 2020. The NCDC:

1. Provided support to states to respond to COVID-19 and other disease outbreaks through timely deployment of Rapid Response Teams, provision of medical and laboratory commodities and supplies, development of relevant guidelines and protocols etc.
2. Conducted COVID-19 household sero-prevalence survey to foster better understanding of the burden of the disease in Nigeria
3. Established State Public Health Emergency Operations Centres (PHEOCs) in additional seven states as well as integration of two polio PHEOCs in Nigeria. Only two states in Nigeria do not have a PHEOC currently
4. Finalised Nigeria's National Multi-Hazard Public Health Emergency Preparedness and Response Plan
5. Launched the 3rd edition of the National Integrated Disease Surveillance and Response guidelines
6. Fully deployed Surveillance Outbreak Response Management Analysis System (SORMAS) for digital surveillance to all the 774 LGAs across all the 36 States of the Federation including the FCT
7. Established infection prevention and control programmes at primary, secondary and tertiary health facilities including the military and paramilitary health facilities
8. Implemented various activities of the National Action Plan for Antimicrobial Resistance (AMR) with facilitation of National Technical Working group meetings
9. Established and activated new molecular laboratories across Nigeria. Every state in Nigeria has at least one public health laboratory with molecular testing capacity
10. Strengthened partnerships with local, regional and global institutions

Given the current increase in COVID-19 cases in Nigeria, we urge Nigerians to continue to take responsibility to prevent further spread of the disease. The NCDC remains committed to its mandate to protect the health of Nigerians and enable stronger national health security.

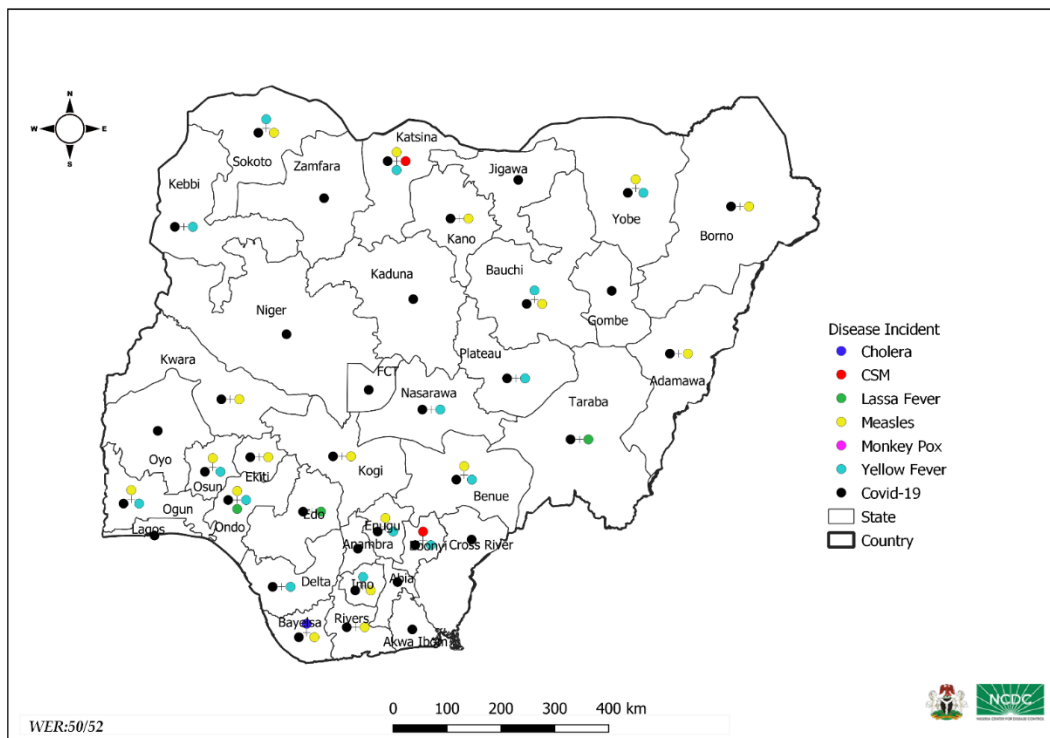
Summary of Incidents

Ongoing incidents

2

Ongoing incidents are defined as confirmed cases where a national EOC or equivalent has been activated (EOC is currently activated for COVID-19 and Yellow fever)

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



Data Source: SITAware

Summary

Week 50: 7th – 13th December 2020 (Coronavirus Disease as at 27th December 2020)

Lassa Fever_{1,2}	Cerebrospinal Meningitis (CSM)_{3,4}	Yellow Fever_{3,4}
59 Suspected case(s)	5 Suspected case(s)	55 Suspected case(s)
5 Confirmed case(s)	0 Confirmed case(s)	0 Confirmed case(s)
0 Death(s)	0 Death(s)	0 Death(s)
Cholera_{3,4}	Measles_{3,4}	Monkeypox_{1,4}
4 Suspected case(s)	95 Suspected case(s)	0 Suspected case(s)
0 Confirmed case(s)	1 Confirmed case(s)	0 Confirmed case(s)
0 Death(s)	0 Death(s)	0 Death(s)
Acute Flaccid Paralysis (AFP)_{3,4}	National Sentinel influenza surveillance₅	Coronavirus Disease as at week 52₂
80 Suspected case(s)	0 Suspected case(s)	935,037 Suspected case(s)
0 Confirmed case(s)	0 Confirmed case(s)	84,414 Confirmed case(s)
		1,254 Death(s)

Timeliness of reports₃	Completeness of reports₃
98% Last 4 weeks	98% Last 4 weeks
93% Year to date	98.5% 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 50

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
59	5	0	State: 10 LGA: 28

Year to date (week 1 – 50)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
4897	6594	810	1163	167	240	20.6%	20.6%

Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, Weeks 1 – 50, 2020

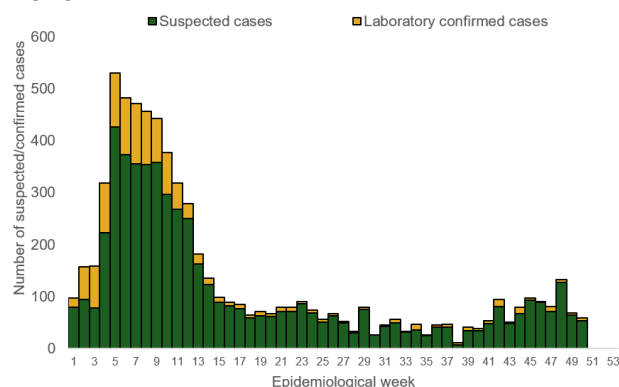
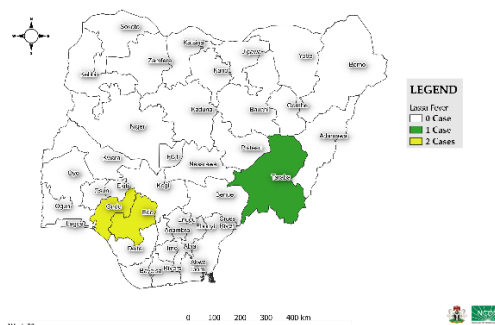


Figure 2: Location of **confirmed** cases of Lassa Fever by State, Nigeria, week 50, 2020



Key points

- There were 59 suspected cases, five were laboratory confirmed and no death was recorded from 28 LGAs in 10 States

Actions

To date:

- National Lassa fever multi-partner, multi-sectoral Technical Working Group (TWG) continues to coordinate response activities at all levels
- State Public Health Emergency Operations Centre have been activated in affected States
- National Rapid Response Teams have been deployed from NCDC to support response activities in ten States

Planned:

- Continue mobilisation of resources
- Finalise the Lassa fever five-year strategic plan

Cerebrospinal Meningitis (CSM)

Week 50

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
5	0	0	State: 2 LGA: 4

Year to date (week 1 – 50)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
2077	626	126	14	103	13	5%	2.1%

Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, weeks 1 – 50, 2020

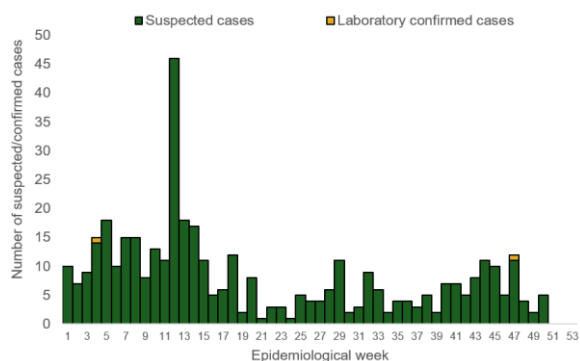
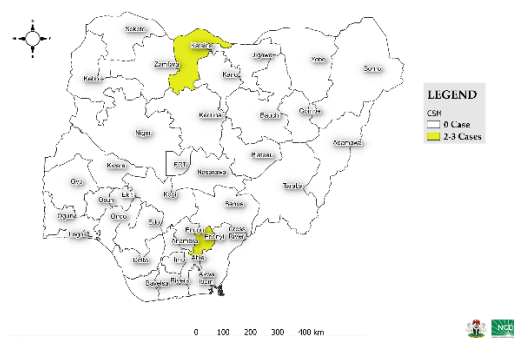


Figure 4: Location of suspected cases of CSM by State, Nigeria, week 50, 2020



Key points

- There were five suspected cases of Cerebrospinal Meningitis (CSM) reported from four LGAs in two States. None was laboratory confirmed and no death was recorded

Actions

To date:

- National CSM TWG meets weekly to review reports from States and plan appropriately
- Enhanced surveillance in all States

Planned:

- Continue harmonisation of the national line list and SORMAS data
- Continue to ensure that states reporting cases send their line lists and collect CSM samples

Yellow Fever

Week 50

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
55	0	0	State: 18 LGA: 29

Year to date (week 1 – 50)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
3410	3201	11	41	47	18	1.4%	0.6%

Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, weeks 1 – 50, 2020

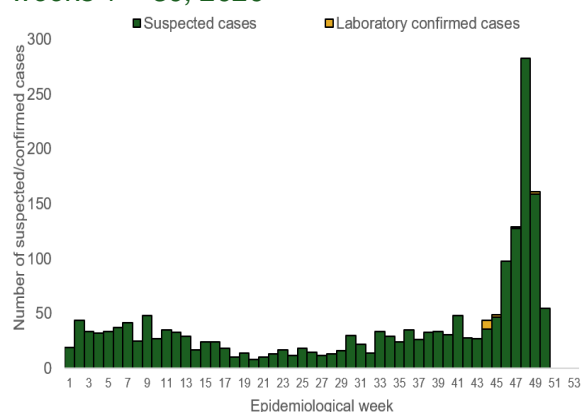
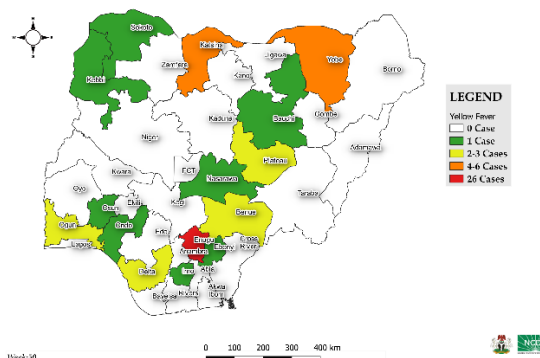


Figure 6: Location of suspected cases of Yellow Fever by States, Nigeria, week 50, 2020



Key points

- There were 55 suspected cases of Yellow Fever (YF) reported from 29 LGAs in 18 states. None was laboratory confirmed and no death was recorded

Actions

To date:

- National YF multi-partner Emergency Operations Centre (EOC) continues to coordinate response activities across states
- Nigeria has secured ICG approval for reactive mass vaccination campaign in 11 LGAs of Enugu (9) and Ebonyi (2) States
- Preventive mass vaccination campaigns (PMVC) have been concluded in all LGAs in Benue, Oyo, and Ondo States

Planned:

- Print IEC materials and distribute to states to sensitise communities and increase awareness for YF
- Continue to support affected states across all pillars of response
- Continue harmonisation of surveillance and laboratory data ongoing

Cholera

Week 50

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
4	0	0	State: 1 LGA: 1

Year to date (week 1 – 50)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
3504	1801	595	55	71	95	2%	5.2%

Figure 7: Number of suspected and confirmed cases of Cholera, Nigeria, weeks 1 – 50, 2020

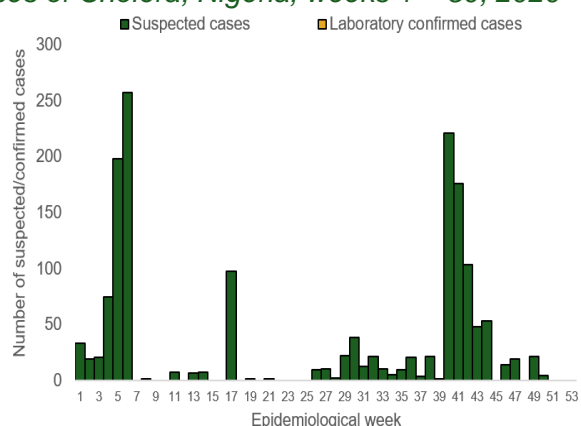
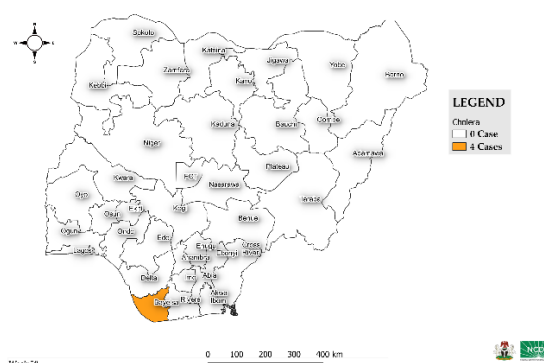


Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 50, 2020



Key points

- There were four suspected cases of cholera reported from Southern Ijaw LGA in Bayelsa State. None was laboratory confirmed and no death was recorded

Actions To date

- National Cholera Multi-Sectoral Technical Working Group (TWG) is monitoring all States and supporting affected States

Planned:

- Continue follow up and monitoring of non-reporting States
- Continue harmonisation of the national line list and SORMAS data

Measles

Week 50

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
95	1	0	State: 18 LGA: 63

Year to date (week 1 – 50)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
61438	25370	22361	2430	286	134	0.5%	0.5%

Figure 9: Number of suspected and confirmed cases of Measles, Nigeria, weeks 1 – 50, 2020

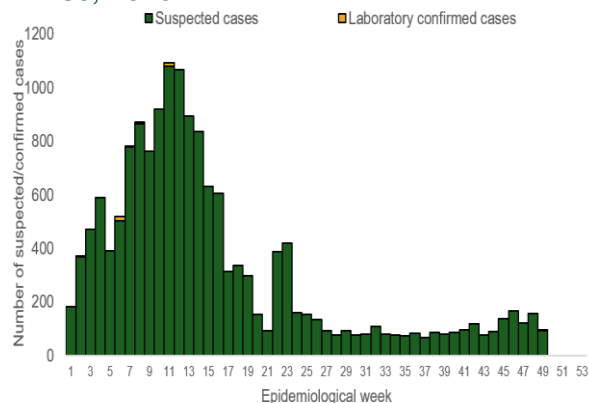
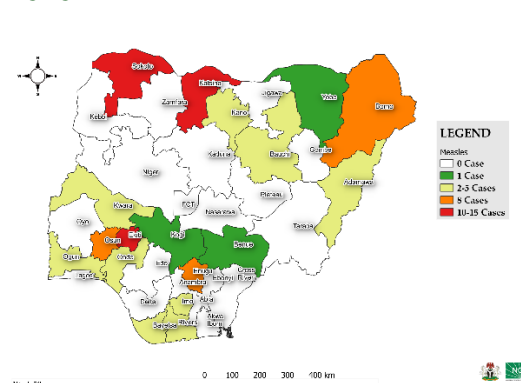


Figure 10: Location of suspected cases of Measles by State, Nigeria, week 50, 2020



Key points

- There were 95 suspected cases of measles reported from 63 LGAs in 18 States. One was laboratory confirmed and no death was recorded

Actions

To date

- National Measles TWG is closely monitoring measles surveillance data and providing feedback to relevant agencies and development partners
- Weekly surveillance and laboratory data harmonisation ongoing

Planned:

- Intensify follow up with States to update and transmit line list
- Continue monthly measles surveillance data review

Monkeypox

Week 50

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

Year to date (week 1 – 50)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
113	31	44	6	2	0	1.9%	0%

Figure 11: Number of suspected and confirmed cases of Monkeypox, Nigeria, weeks 1 – 50, 2020

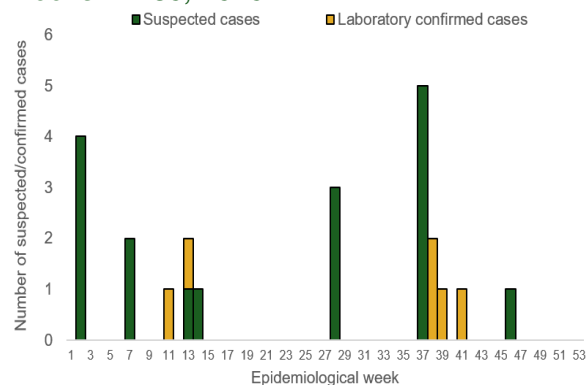
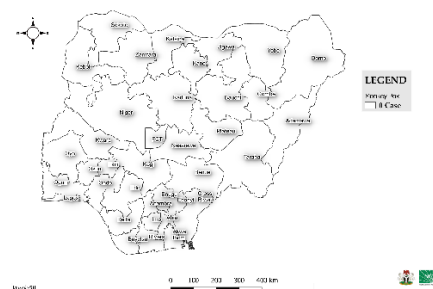


Figure 12: Location of suspected cases of Monkeypox by State, Nigeria, week 50, 2020



Key points

- There was no suspected case of monkeypox in the reporting week

Actions

To date

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

Planned:

- Enhance surveillance for monkeypox in high burden States
- Continue harmonisation of the national line list and SORMAS data

Acute Flaccid Paralysis (AFP)

Week 50

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
80	0	0	State: 24 + FCT LGA: 68

Year to date (week 1 – 50)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
6171	4402	0	0	0	0	0%	0%

Figure 13: Number of suspected and confirmed cases of AFP, Nigeria, weeks 1 – 50, 2020

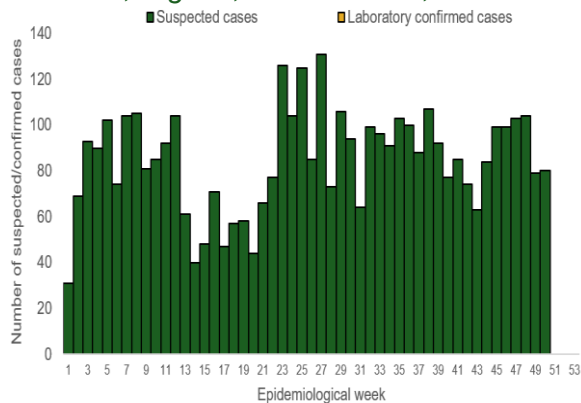
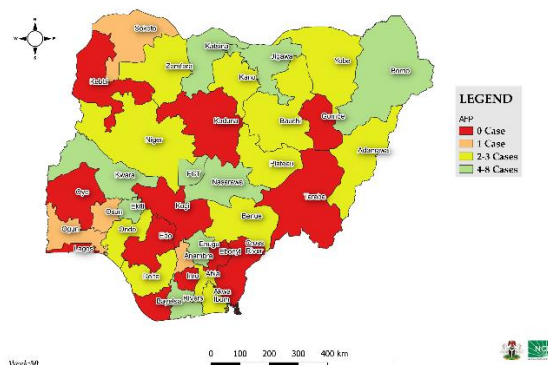


Figure 14: Location of suspected cases of AFP by State, Nigeria, week 50, 2020



Key points

- There were 80 suspected cases of AFP reported from 68 LGAs in 24 States and FCT. None was laboratory confirmed and no death was recorded

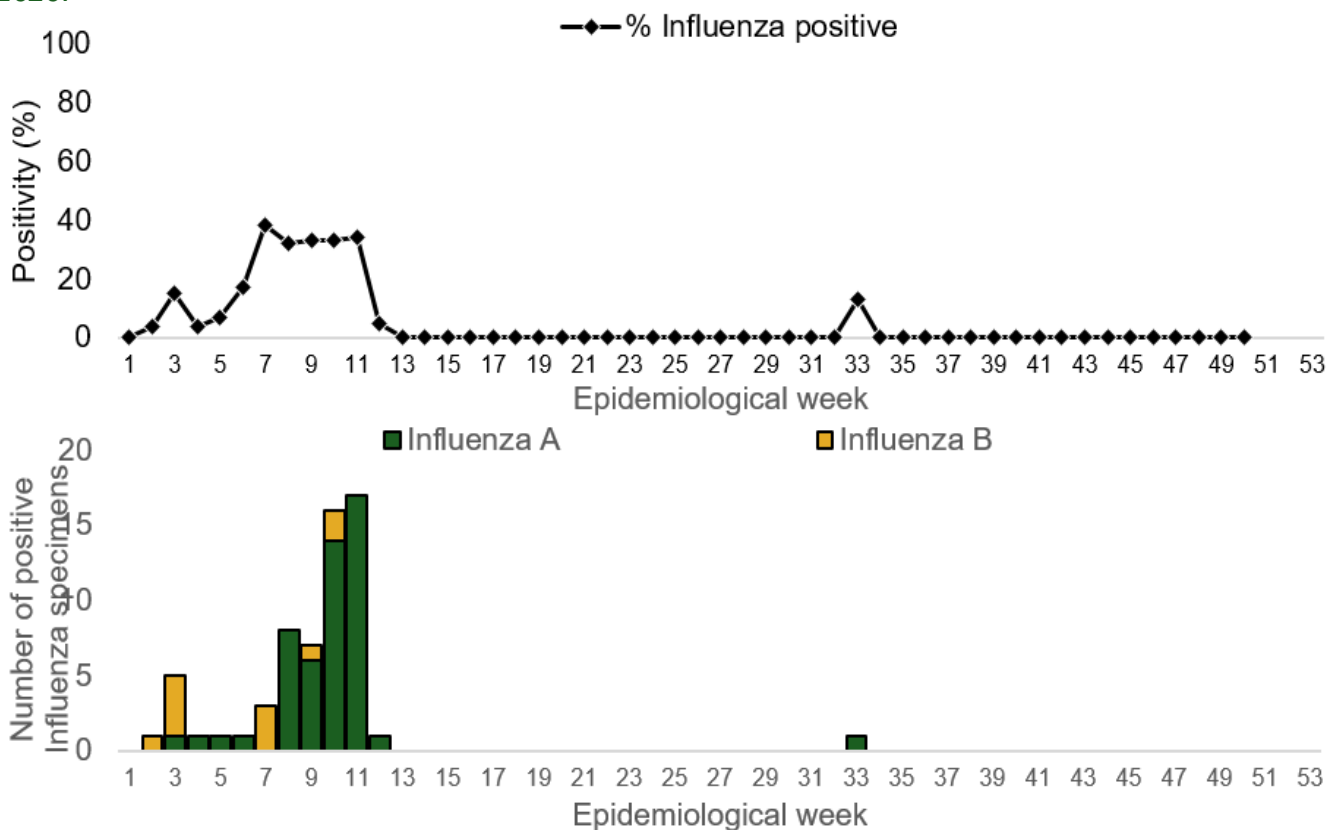
National Influenza Sentinel Surveillance

Year to date (week 1 – 50)

	Suspected cases	Suspected ILI	Suspected SARI
Number (Percentage)	540	444 (82.2%)	96 (17.8%)

	Confirmed cases		Confirmed ILI		Confirmed SARI	
	Influenza A	Influenza B	Influenza A	Influenza B	Influenza A	Influenza B
Number	84	14	75	11	9	3
Positivity (%)	85.7%	14.3%	16.9%	2.5%	9.4%	3.1%

Figure 15: Number of influenza positive specimens by type and percent positive by epidemiological week, 2020.



Key points

- The subtypes A seasonal H3, A seasonal H1, 2009A/H1N1 and A/not subtyped account for 1(1.9%), 2(3.7%), 17(31.5%) and 34(63.0%) of the total influenza A positive samples respectively. The subtypes B VICTORIA, B Not subtyped and B Yamagata account for 3(27.3%), 8(72.7%) and 0(0.0%) of the total influenza B positive samples respectively.
- The percentage Influenza positive was highest in week 7 with 37.5%.

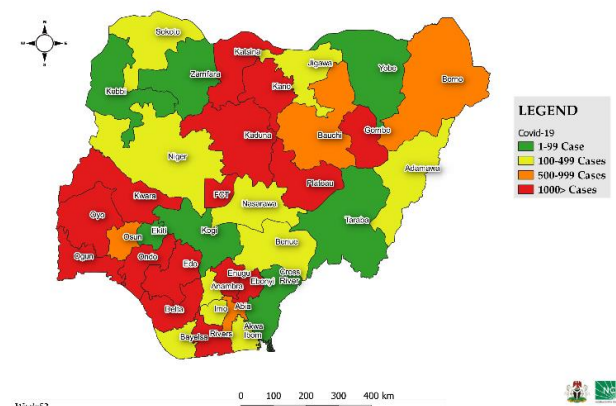
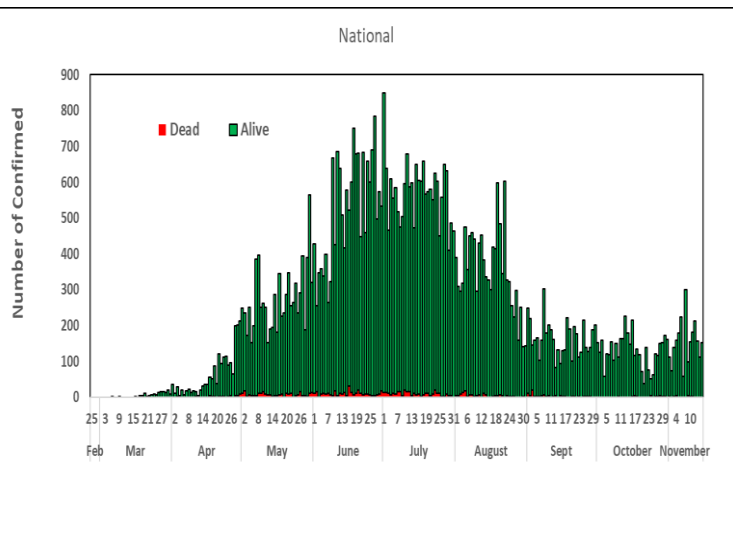
Coronavirus Disease (COVID-19)

As at week 52

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
935,037	84,414	1,254	State: LGA:

Figure 15: Epidemic curve of confirmed cases of COVID-19, Nigeria, week 1 – 52, 2020

Figure 16: Location of **confirmed** cases of COVID-19 by State, Nigeria, as at week 52, 2020



Actions

To date:

- National COVID-19 multi-partner Emergency Operations Centre (EOC) continues to coordinate response activities across States
- Ongoing real time daily coordination and thematic pillars engagement with States’ response teams
- Ongoing planning of the next round of data review engagement with States
- Held strategic meetings with State focal persons regarding upsurge of confirmed COVID cases nationally
- Developed and shared messages for the Yuletide season

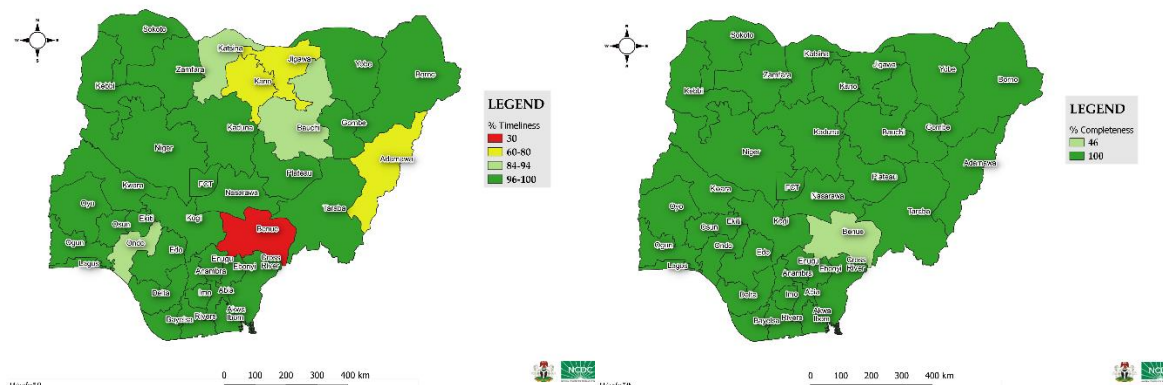
Planned:

- Conduct e-fresher courses training for IPC trainers
- Follow up and assessment of hand hygiene facilities under the Orange Network programme
- Finalise laboratory quality assurance plan

Timeliness and Completeness of Reports

Last 4 weeks (47 – 50, 2020)

Figure 16: A – Timeliness by State (%); B – Completeness by State (%), weeks 47 - 50, 2020



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	Year to date
	Week 47 – 50	Week 1 – 50
Reports sent on time	145	1721
Reports sent late	0	102
Reports not received	3	27
Timeliness	98%	93%
Completeness	98%	98.5%

States with reports not received in 2020 (week 1 – 50)

State	Week(s) report not received
Benue	21, 22, 23, 24, 25, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46 & 47

Timeliness and Completeness of Reports by State

Year to date (week 1 – 50)

State	Timeliness (%)	Completeness (%)
Abia	98	100
Adamawa	60	100
Akwa Ibom	98	100
Anambra	98	100
Bauchi	84	100
Bayelsa	100	100
Benue	30	46
Borno	98	100
Cross River	96	100
Delta	100	100
Ebonyi	98	100
Edo	100	100
Ekiti	100	100
Enugu	100	100
FCT	100	100
Gombe	94	100
Imo	100	100
Jigawa	60	100
Kaduna	94	100
Kano	80	100
Katsina	92	100
Kebbi	100	100
Kogi	100	100
Kwara	98	100
Lagos	96	100
Nasarawa	100	100
Niger	100	100
Ogun	96	100
Ondo	88	100
Osun	96	100
Oyo	98	100
Plateau	100	100
Rivers	100	100
Sokoto	98	100
Taraba	94	100
Yobe	100	100
Zamfara	98	100