



Weekly Epidemiological Report

Week 53: 28th December 2020 – 3rd January 2021

Highlight of the Week

Strengthening capacity for monkeypox surveillance in Nigeria



Monkeypox (MPX) is one of the epidemic-prone diseases (EPDs) for control in Nigeria. In 2017, the first monkeypox case was detected in Bayelsa State after 39 years of the last outbreak in the country. Since then, the Nigeria Centre for Disease Control (NCDC) has been implementing measures to heighten surveillance and control the spread.

Between 2017 and 2020, 30 states have reported suspected monkeypox cases with confirmed cases in 18 states. Majority of the cases reported have been detected in Bayelsa, Rivers, Delta and Lagos States. A major priority is to limit further spread of the disease, towards disease control. To achieve this, NCDC has continued to work closely with states' colleagues, relevant ministries and development partners to enhance surveillance activities and coordinate national response. One of the key priority areas for monkeypox control is having a competent workforce and sustainable structure at the sub-national level to ensure timely response to outbreaks.

From December 7-11 2020, NCDC conducted an enhanced monkey surveillance training for sub-national workforce across 30 high burden local government areas (LGAs) in Bayelsa (8), Rivers (10), Delta (12). The objectives of the training were:

1. To improve the awareness and knowledge of participants on the identification of suspected MPX cases, procedures for collection and management of appropriate samples for diagnostic investigations and reporting of cases to the national surveillance system.
2. To improve participants' knowledge of Infection Prevention and Control (IPC) measures required in MPX management.
3. To ensure participants are equipped to cascade the training to other health care workers.

At the end of the training, a total of 30 Disease Surveillance and Notification Officers and 30 recruited facilitators were trained. This was followed by stepdown training by the trainees, to 450 community informants across the 30 LGAs. The training adopted a One Health approach and this is expected to contribute to improved epidemic intelligence for monkeypox in Nigeria.

The NCDC remains committed to working with states' colleagues to ensure Nigerians are protected against monkeypox and other EPDs in Nigeria.

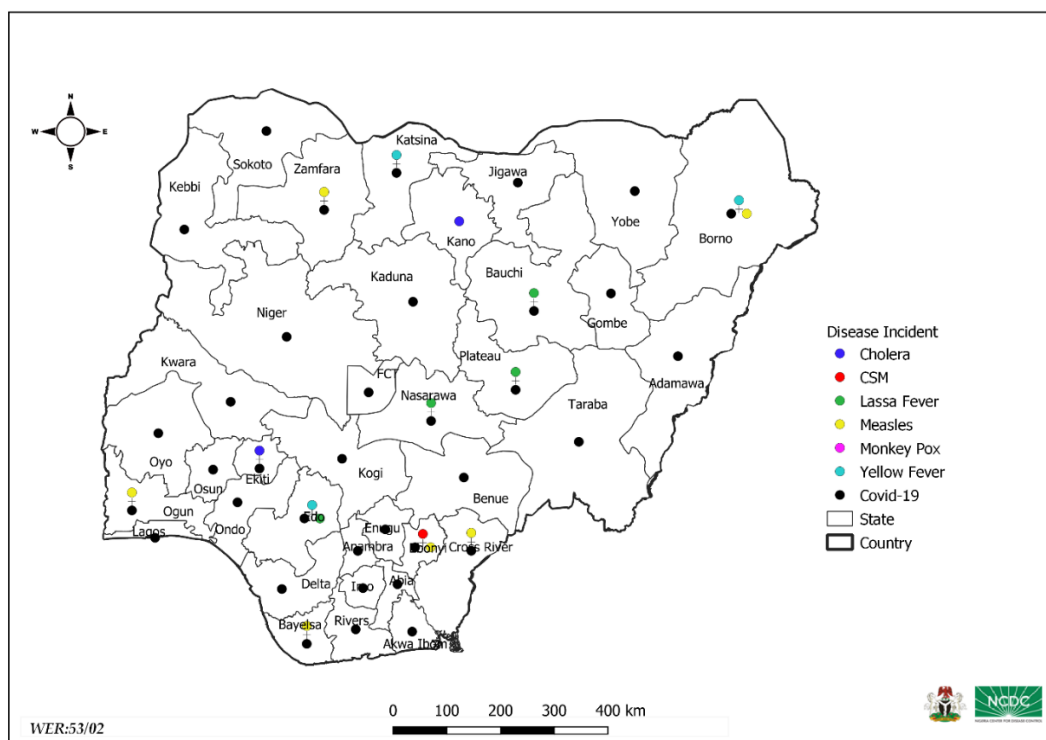
Summary of Incidents

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 53: 28th December 2020 – 3rd January 2021

(Coronavirus Disease as at 17th January 2021)

Lassa Fever _{1,2}	Cerebrospinal Meningitis (CSM) _{3,4}	Yellow Fever _{3,4}
59 Suspected case(s)	2 Suspected case(s)	13 Suspected case(s)
8 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}
7 Suspected case(s)	44 Suspected case(s)	0 Suspected case(s)
2 Confirmed case(s)	0 Confirmed case(s)	0 Confirmed case(s)
1 Death(s)	1 Death(s)	0 Death(s)
Acute Flaccid Paralysis (AFP) _{3,4}	National Sentinel influenza surveillance ₅	Coronavirus Disease as at week 2 ₂
47 Suspected case(s)	0 Suspected case(s)	1,189,430 Suspected case(s)
0 Confirmed case(s)	0 Confirmed case(s)	110,387 Confirmed case(s)
		1,435 Death(s)

Timeliness of reports ₃	Completeness of reports ₃
100% Last 4 weeks	100% Last 4 weeks
93.4% 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 53

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
59	8	0	State: 7 + FCT LGA: 23

Year to date (week 1 – 53)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
5057	6791	833	1189	174	244	20.9%	20.5%

Figure 1: Number of suspected and confirmed cases of Lassa Fever, Nigeria, Weeks 1 – 53, 2020

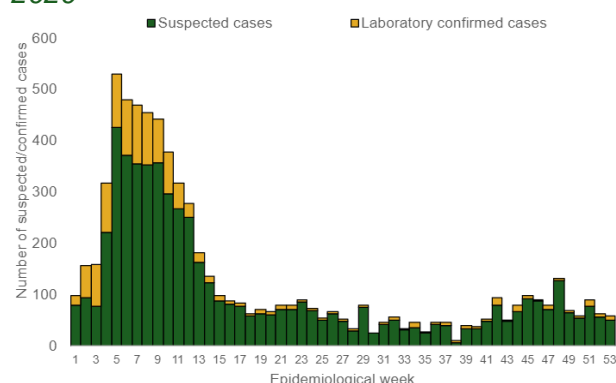
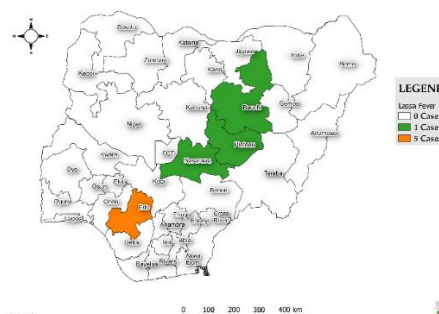


Figure 2: Location of **confirmed** cases of Lassa Fever by State, Nigeria, week 53, 2020



Key points

- There were 59 suspected cases, eight were laboratory confirmed and no death was recorded from seven LGAs in four States

Actions

To date:

- The National multisectoral Lassa fever Emergency Operations Centre (EOC) was activated to coordinate response activities across States
- State Public Health Emergency Operations Centre activated in affected States

Planned:

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

Cerebrospinal Meningitis (CSM)

Week 53

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

Year to date (week 1 – 53)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
2102	631	126	14	103	13	5%	2%

Figure 3: Number of suspected and confirmed cases of CSM, Nigeria, weeks 1 – 53, 2020

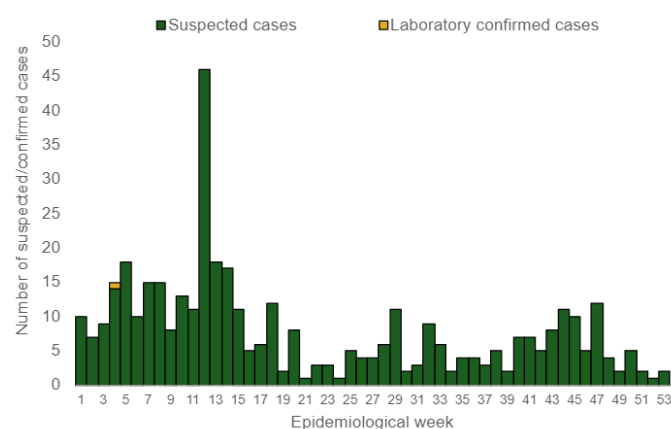
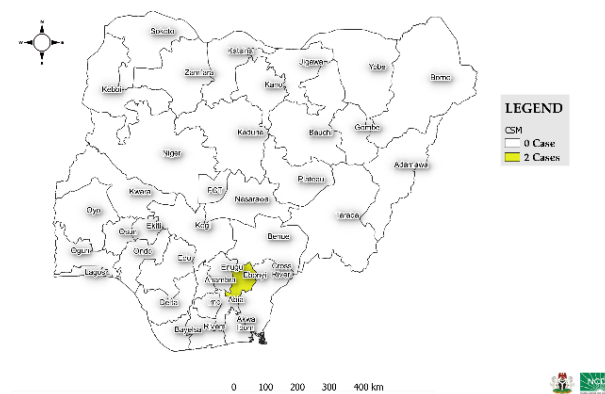


Figure 4: Location of suspected cases of CSM by State, Nigeria, week 53, 2020



Key points

- There were two suspected cases of Cerebrospinal Meningitis (CSM) reported from two LGAs in Eboniyi State. 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 53

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
13	0	0	State: 3 LGA: 10

Year to date (week 1 – 53)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
3486	3600	11	145*	47	18	1.3%	0.6%

Figure 5: Number of suspected and confirmed cases of Yellow Fever, Nigeria, weeks 1 – 53, 2020

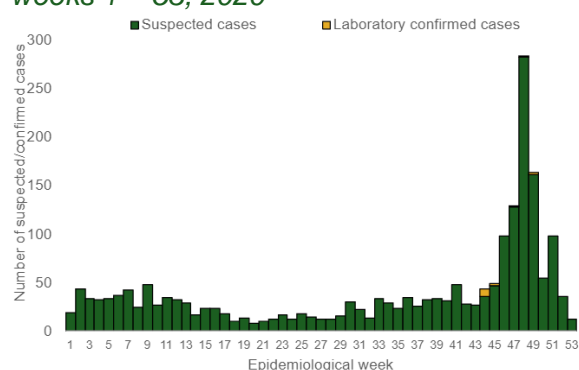
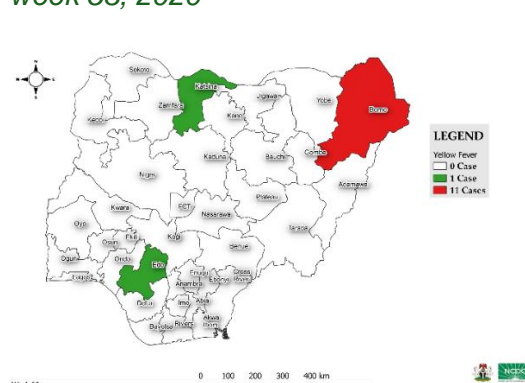


Figure 6: Location of suspected cases of Yellow Fever by States, Nigeria, week 53, 2020



Key points

- There were 13 suspected cases of Yellow Fever (YF) reported from 10 LGAs in three 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
- Daily monitoring and analysis of surveillance data across the country to guide response activities
- Concluded Accelerated Preventive Mass Vaccination (PMVC) Campaign in Enugu, Delta and PMVC in Bauchi State

Planned:

- Continue implementation of the Incident Action Plan (IAP) and mobilise required resources for the outbreak response
- Continue to support affected states across all pillars of response
- Continue harmonisation of surveillance and laboratory data ongoing

- * Outbreak data added to routine data

Cholera

Week 53

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
7	0	1	State: 2 LGA: 2

Year to date (week 1 – 53)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
3513	1810	595	55	71	96	2%	5.3%

Figure 7: Number of suspected and confirmed cases of Cholera, Nigeria, weeks 1 – 53, 2020

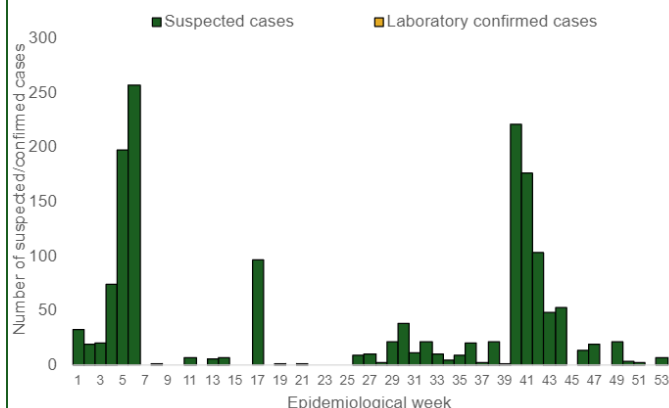
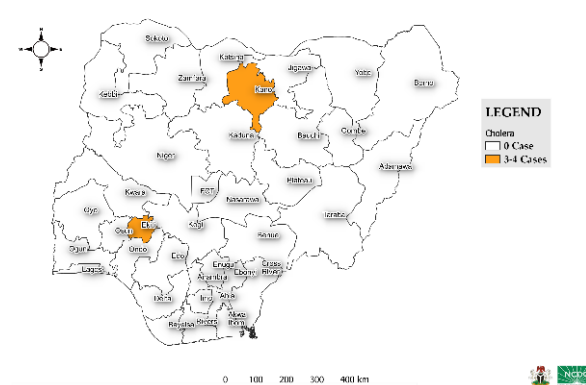


Figure 8: Location of suspected cases of Cholera by State, Nigeria, week 53, 2020



Key points

- There were seven cases of Cholera reported from two LGAs in two states. There was no laboratory confirmed case and one 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 53

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
44	0	1	State: 6 LGA: 14

Year to date (week 1 – 53)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
61879	25646	2363	2501	291	138	0.5%	0.5%

Figure 9: Number of suspected and confirmed cases of Measles, Nigeria, weeks 1 – 53, 2020

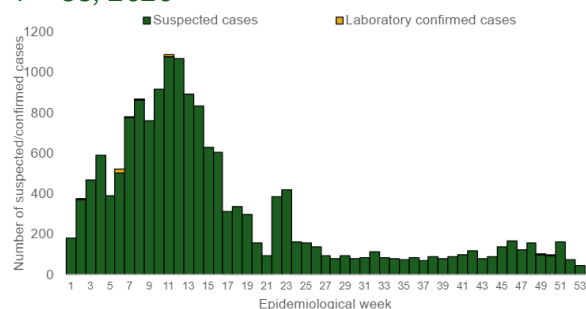
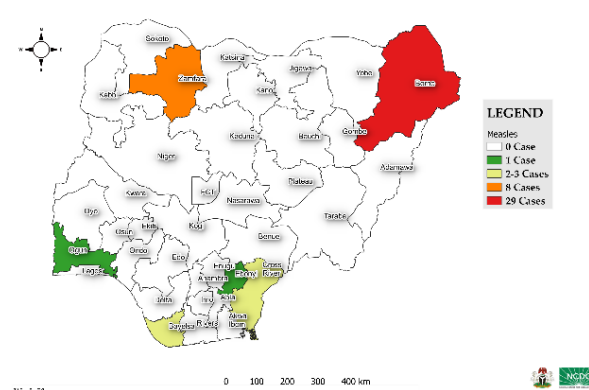


Figure 10: Location of suspected cases of Measles by State, Nigeria, week 53, 2020



Key points

- There were 44 suspected cases of Measles reported from 14 LGAs in six States. There was no laboratory confirmed case and one 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 53

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

Year to date (week 1 – 53)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
120	32	68	6	5	0	4.2%	0%

Figure 11: Number of suspected and confirmed cases of Monkeypox, Nigeria, weeks 1 – 53, 2020



Figure 12: Location of suspected cases of Monkeypox by State, Nigeria, week 53, 2020



Key points

- There was no case of Monkeypox recorded for this 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 53

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
47	0	0	State: 15 LGA: 32

Year to date (week 1 – 53)

Suspected cases		Confirmed cases		Deaths		CFR	
2019	2020	2019	2020	2019	2020	2019	2020
6324	4575	0	0	0	0	0%	0%

Figure 13: Number of suspected and confirmed cases of AFP, Nigeria, weeks 1 – 53, 2020

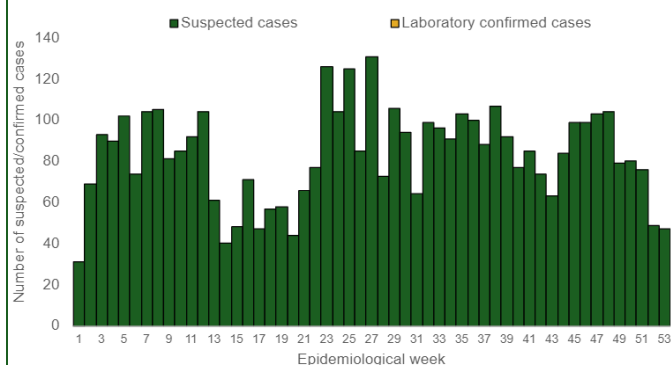
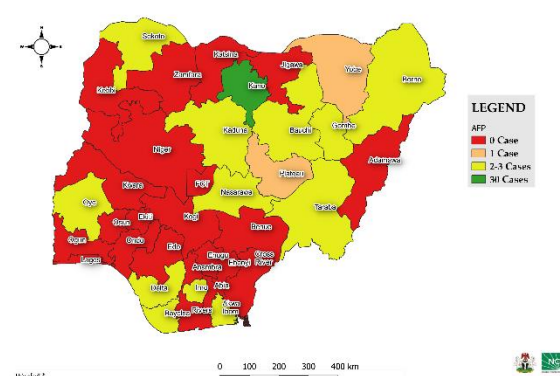


Figure 14: Location of suspected cases of AFP by State, Nigeria, week 53, 2020



Key points

- There were 47 suspected cases of AFP reported from 32 LGAs in 15 states. None was laboratory confirmed and no death was recorded

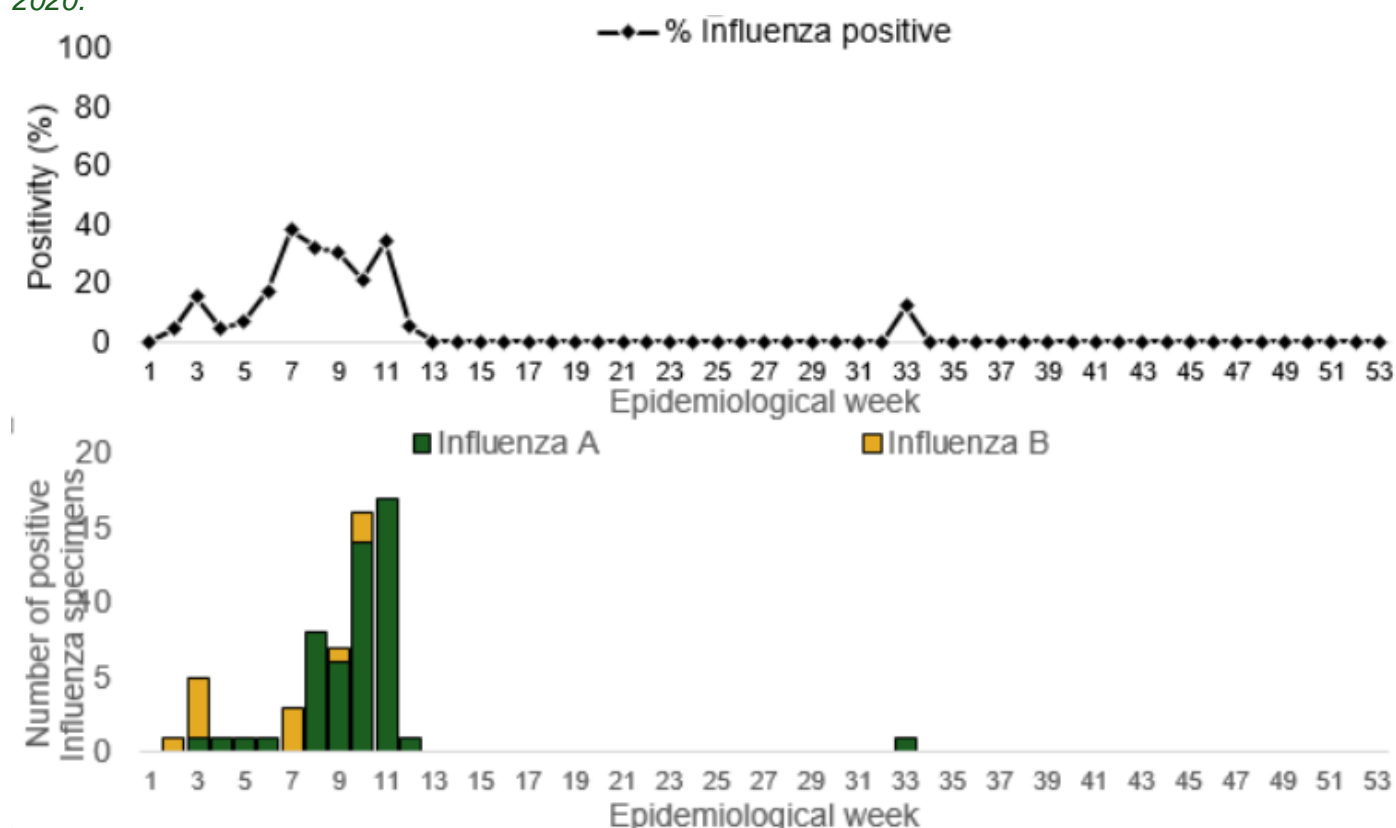
National Influenza Sentinel Surveillance

Year to date (week 1 – 53)

	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 2

Suspected cases	Confirmed cases	Deaths	Number of States and LGAs affected
1,189,430	110,387	1,435	State: LGA:

Figure 15: Epidemic curve of confirmed cases of COVID-19, Nigeria, week 1, 2020 – 2, 2021

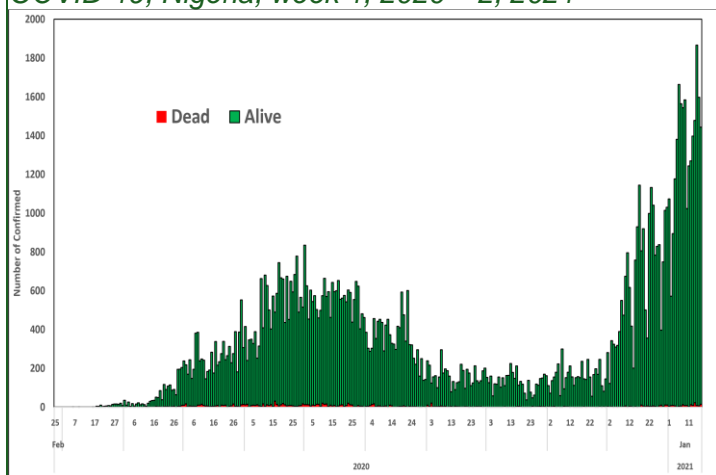
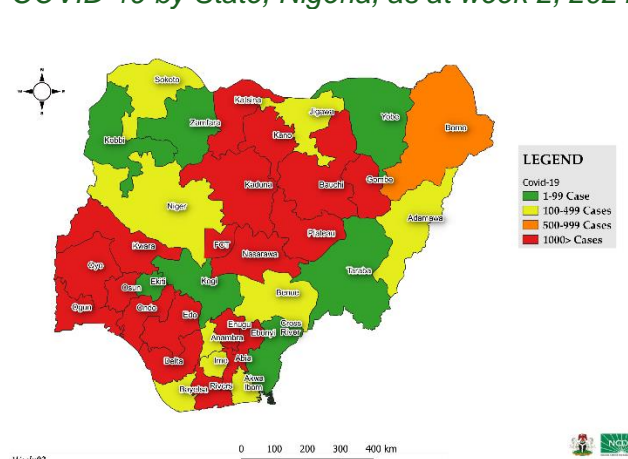


Figure 16: Location of **confirmed** cases of COVID-19 by State, Nigeria, as at week 2, 2021



Actions

To date:

- National COVID-19 multi-partner Emergency Operations Centre (EOC) continues to coordinate response activities across states
- Deployed national response team to Plateau State
- Ongoing analysis of the preliminary findings from LGA risk assessment
- Engaged with State focal persons ahead of re-opening of NYSC camps
- Deployed response materials and commodities to States, PPE to testing sites and sample collection centres, Defence Reference lab, National Assembly Clinic

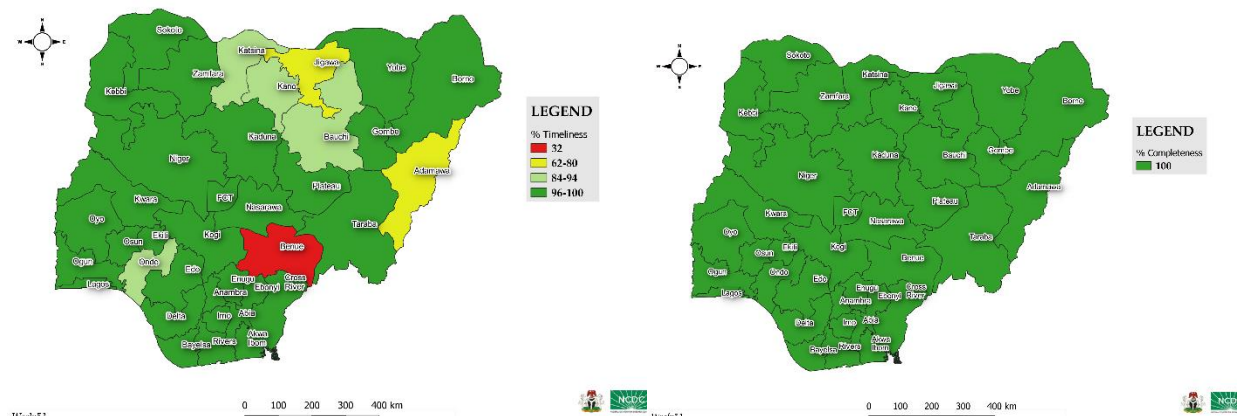
Planned:

- Finalise and disseminate revised case definition
- Review community case definition
- Support supervisory visits to private laboratories in FCT

Timeliness and Completeness of Reports

Last 4 weeks (50 – 53, 2020)

Figure 16: A – Timeliness by State (%); B – Completeness by State (%), weeks 50 - 53, 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 Week 50 – 53	Year to date Week 1 – 53
Reports sent on time	148	1831
Reports sent late	0	130
Reports not received	0	0
Timeliness	100%	93.4%
Completeness	100%	100%

States with reports not received in 2020 (week 1 – 53)

State	Week(s) report not received

Timeliness and Completeness of Reports by State

Year to date (week 1 – 53)

State	Timeliness (%)	Completeness (%)
Abia	98	100
Adamawa	62	100
Akwa Ibom	98	100
Anambra	98	100
Bauchi	85	100
Bayelsa	100	100
Benue	32	100
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	62	100
Kaduna	94	100
Kano	81	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	89	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