



NIGERIA CENTRE FOR DISEASE CONTROL

Weekly Epidemiological Report

Main Highlight of the week

Preparing to respond to a Cholera Outbreak



Nigeria usually experiences outbreaks of Cholera during the rainy season. These outbreaks usually span from May up until September or October yearly. During these months, the country records high rainfalls, sometimes leading to an overflow of sewage systems and subsequent breakdown in overall hygiene standards. Furthermore, poor access to potable water and crowded living conditions are highlighted as contributory factors to the start and spread of a cholera outbreak.

In the Epi-week ending 11th June 2017, the Nigeria Centre for Disease Control (NCDC), through its event-based surveillance system received rumours of 12 deaths of Cholera in Kwara State. Initial rumour verification was carried out and a team was dispatched immediately for a full investigation and containment of the outbreak. Preliminary findings revealed a total of 1,178 suspects with 9 deaths across 4 Local Government Areas (LGAs) in Kwara State, with a CFR of 0.76% as at 14th June, 2017. Seven cases have been laboratory confirmed by culture. Affected cases have commenced treatment. Trainings on case management and infection, prevention

and control are being carried out for clinicians and health care workers. Community sensitization is ongoing across the state. The Kwara State Government through the Ministry of Health is in the forefront of coordinating the response to this outbreak, supported by the NCDC and other partnering agencies.

Preparedness for an outbreak should commence ahead of an outbreak season. Firstly, risk mapping should be carried out to provide insight on the vulnerability of the state/populace for an outbreak or a specific outbreak. Preparedness activities for cholera should cut across all thematic areas as this will give a holistic approach in identifying resources required for preparedness. This includes:

1. **Coordination:** Developing a preparedness plan to guide activities and understand expectations/roles of every tier of government; Involvement of all identified key stakeholders; Early sensitization and planning with a Rapid Response Team (RRT); Forecasting, planning and coordination with stakeholders on interim measures to be put in place in the eventuality of a large outbreak e.g. setting up of interim water supply, rapid requisition and distribution of commodities for unexpected upsurge of cases, maintaining good hygiene conditions (personal and environmental).
2. **Surveillance:** Increased alert for Cholera by sensitizing the surveillance teams at the Local and State Government levels. This can be done through Capacity building; Adequate supply and distribution of data collection tools to all health facilities; Improve effective communication channels for receiving reports/information and feedback; Development of a data management system for better and quicker data analysis; Improvement of bio-surveillance activities for rumour capturing and verifications; Consolidating measures for active case search.
3. **Case Management:** Review of existing guidelines and protocols; Identification/designation of Cholera treatment centres and a case management team at the local and state government levels; Capacity building on case management and Infection, Prevention and Control team.
4. **Laboratory:** Identification of secondary, tertiary and public health laboratories with testing capacities, (stool testing and water analysis); Request and distribution of test-kits to Cholera endemic/Cholera prone areas for immediate response; Request and distribution of transport medium for specimen; Capacity building of identified laboratory staff in sample collection and transportation.
5. **Logistics:** Early forecast of outbreak commodities required; Mapping and pre-positioning of commodities e.g. intravenous fluids, in states based on data review of previous outbreaks; Stockpiling and distribution of antibiotics based on review previous epidemiological reports for previous outbreaks
6. **Risk Communications:** Development of a risk communication plan; Pre-outbreak sensitization and mobilization; Design of communication tools specific for target audience; Early engagement of the mass media for sensitization program and improved/extended use of communication tools

It is important to note that preparedness for any disease outbreak or event of public health concern is an intensive process which requires a multi-sectorial approach, if desired health outcomes are to be achieved. The NCDC held a Cholera preparedness workshop covering the thematic areas listed above, with State Epidemiologists from the eight most affected States, academia and partners. The Cholera preparedness plan and guidelines is being finalised and will guide actions during this outbreak. A Cholera alert letter has also been sent to all State

Commissioners of Health and Epidemiologists, alerting them of the season and actions to take. We will continue to provide support, collaborate and guidance to states in preparedness and response activities for an outbreak. States are expected to coordinate these activities to ensure meaningful and sustainable results are achieved.

In the reporting week:

- There were 256 new cases of Acute Flaccid Paralysis (AFP) reported. None was confirmed as Polio. The last reported case of Polio in Nigeria was in August 2016. Active case search for AFP is being intensified as Nigeria has assiduously reinvigorated its efforts at eradicating Polio.
- 77 suspected cases of Cholera were reported from four LGAs in two States and one death was recorded.
- There were 42 suspected cases of Cerebrospinal Meningitis (CSM) reported from 22 LGAs in ten States. Of these, one was laboratory confirmed and one deaths was recorded. Ongoing surveillance for CSM has been intensified in the States.
- There were 361 suspected cases of Measles reported from 33 States. None was laboratory confirmed and four deaths were recorded.

In the reporting week, Enugu and Jigawa States failed to report. Timeliness of reporting increased from 81% in the previous week to 82% while completeness increased from 99% in the previous week to 100%. It is very important for all States to ensure timely and complete reporting at all times, especially during an outbreak.

Summary Table 1 (IDSR Weekly Report as at 09/06/2017)

Disease	Variables	Week 21	Week 22		Cumulative Weeks	
		2017	2017	2016	01 - 22, 2017	01 - 22, 2016
AFP	Cases	250	256	276	6,659	5523
	Deaths	0	0	0	0	0
	CFR	0.00%	0.00%	0.00%	0.00%	0.00%
Polio	WPV Types 1 & 3	0	0	0	0	0
	WPV Types 1	0	0	0	0	0
	WPV Types 3	0	0	0	0	0
Cholera	Cases	2	77	0	162	218
	Deaths	0	1	0	5	1
	CFR	0.00%	1.30%	0.00%	3.09%	0.46%
Lassa Fever	Cases	1	10	1	298	717
	Deaths	0	0	0	49	87
	CFR	0.00%	0.00%	0.00%	16.44%	12.13%
CSM	Cases	49	39	1	9567	495
	Deaths	2	1	0	599	25
	CFR	4.08%	2.56%	0.00%	6.26%	5.05%
Measles	Cases	386	361	494	12,094	18942
	Deaths	4	0	0	74	77
	CFR	1.04%	0.00%	0.00%	0.61%	0.41%
Guinea Worm	Cases	0	0	0	0	0
	Deaths	0	0	0	0	0
	CFR	0.00%	0.00%	0.00%	0.00%	0.00%

1. Lassa fever

Please note that the data reflects the routine reports i.e. all suspected cases including the laboratory positive and negative cases

- 1.1. Ten suspected cases of Lassa fever with four Lab confirmed were reported from eight LGAs (five States) in week 22, 2017 compared with one suspected case from Karu LGA (Nasarawa State) at the same period in 2016.
- 1.2. Laboratory results of the ten suspected cases were four positives (Edo – 4) and six negatives (Katsina – 3, Kogi – 1, Ogun – 1 & Taraba – 1).
- 1.3. Between weeks 1 and 22 (2017), 298 suspected Lassa fever cases with 64 laboratory confirmed cases and 49 deaths (CFR, 16.44%) from 59 LGAs (21 States) were reported compared with 717 suspected cases with 71 laboratory confirmed cases and 87 deaths (CFR, 12.15%) from 125 LGAs (27 States) during the same period in 2016 (Figure 1).
- 1.4. Between weeks 1 and 52 2016, 921 suspected Lassa fever cases with 109 laboratory confirmed cases and 119 deaths (CFR, 12.92%) from 144 LGAs (28 States and FCT) were reported compared with 430 suspected cases with 25 laboratory confirmed cases and 40 deaths (CFR, 9.30%) from 37 LGAs (14 States and FCT) during the same period in 2015 (Figure 2).
- 1.5. Investigation and active case search ongoing in affected States with coordination of response activities by the NCDC with support from partners.
 - 1.5.1. National Lassa Fever Working Group meeting and weekly National Surveillance and Outbreak Response meeting on-going at NCDC to keep abreast of the current Lassa fever situation in the country.
 - 1.5.2. Response materials for VHF's prepositioned across the country by NCDC at the beginning of the dry season
 - 1.5.3. New VHF guidelines have been developed by the NCDC (Interim National Viral Haemorrhagic Fevers Preparedness guidelines and Standard Operating Procedures for Lassa fever management)
 - 1.5.4. Ongoing reclassification of reported Lassa fever cases
 - 1.5.5. Ongoing review of the variables for case-based surveillance for VHF
 - 1.5.6. VHF case-based forms completed by affected States are being entered into the new VHF management system. This system allows for the creation of a VHF database for the country.
 - 1.5.7. NCDC team sent to Edo State to support Lassa fever data harmonization & Updating of VHF case-based management database
 - 1.5.8. Confirmed cases are being treated at identified treatment/isolation centres across the States with Ribavirin and necessary supportive management also instituted
 - 1.5.9. Onsite support was earlier provided to Ogun, Nasarawa, Taraba, Ondo and Borno States by the NCDC and partners
 - 1.5.10. Offsite support provided by NCDC/partners in all affected States
 - 1.5.11. States are enjoined to intensify surveillance

Figure 1: Map of Nigeria showing areas affected by Lassa fever, week 1- 22, 2016 & 2017

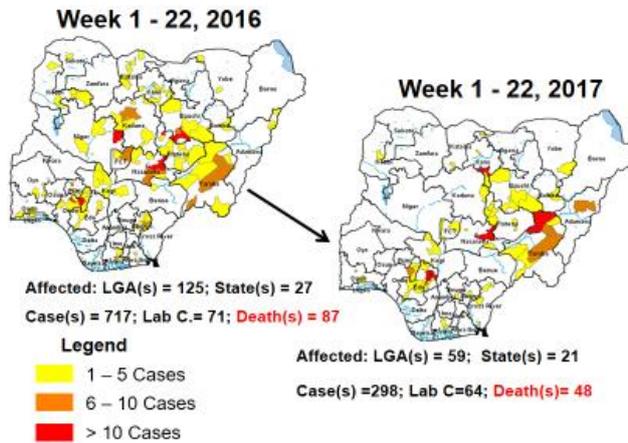
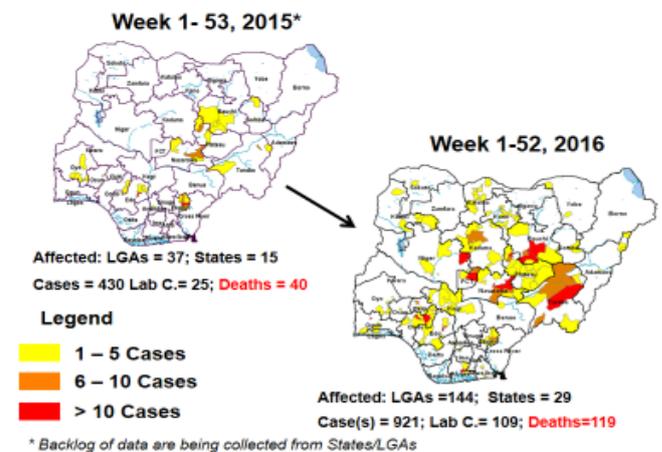


Figure 2: Map of Nigeria showing areas affected by Lassa fever, week 1 - 53, 2015 and week 1 – 52, 2016



2. MEASLES

- 2.1. In the reporting week, 361 suspected cases of Measles were reported from 33 States compared with 494 suspected measles cases from 30 States during the same period in 2016.
- 2.2. So far, 12,094 suspected Measles cases with 71 laboratory confirmed cases and 74 deaths (CFR, 0.61%) have been reported in 2017 from 36 States and FCT (Figure 4) compared with 18,942 suspected cases and 77 deaths (CFR, 0.41%) from 36 States and FCT during the same period in 2016.
- 2.3. In 2016 (week 1 -52), 25,251 suspected Measles cases with 102 deaths (CFR, 0.40%) were reported from 36 States and FCT compared with 24,421 suspected cases with 127 deaths (CFR, 0.52%) during the same period in 2015 (Figure 5)
- 2.4. Response measures include immunization for all vaccine-preventable diseases in some selected/affected wards/LGAs during SIAs, as well as case management.
- 2.5. Scheduled Measles campaigns in the North East were conducted from 12th – 17th January, 2017 in Adamawa, Borno and Yobe States (Phase I) and Phase II from 21st – 25th January, 2017 in Borno State and 4th – 8th February, 2017 in Yobe State

Figure 3: Suspected Measles attack rate by States, week 22, 2017 as at 9th June, 2017

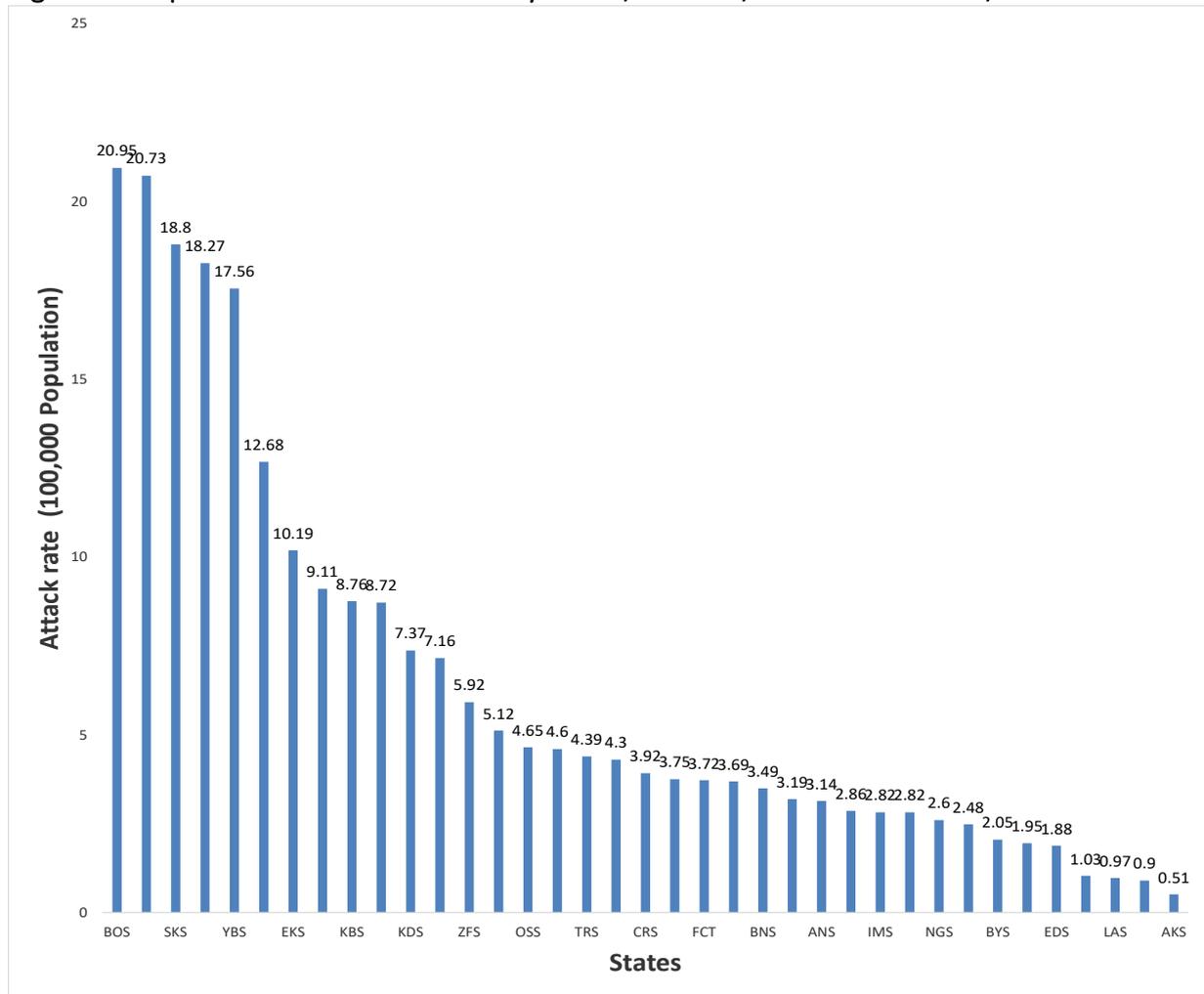


Figure 4: Map of Nigeria showing Distribution of suspected Measles cases, Weeks 1- 22, 2017as at 09/06/2017

Distribution of Suspected Measles Cases, Wks01-22 2017

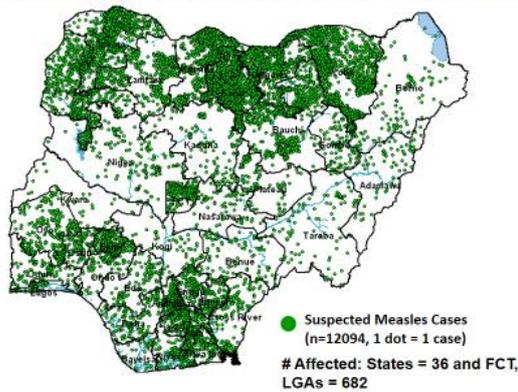
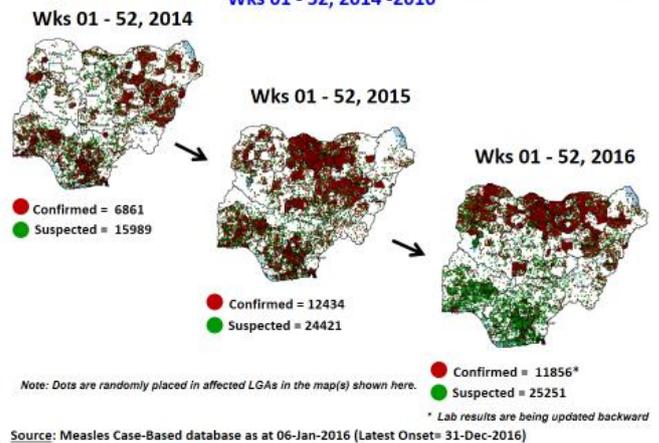


Figure 5: Suspected & confirmed (Lab + Epi Link + Clinical) Measles cases weeks 1 – 52, 2014 - 2016

Suspected and Confirmed (Lab + Epi Link + Clinical) Measles Cases, Wks 01 - 52, 2014 - 2016



3. POLIOMYELITIS

- 3.1. As at June 2nd 2017, no new case of WPV was recorded
- 3.2. Three new cVDPV2, environmental derived and Polio compatible cases identified
 - 3.2.1. In the reporting week, 256 cases of AFP were reported from 196 LGAs in 34 States and FCT
 - 3.2.2. AFP Surveillance has been enhanced and outbreak response is on-going in Borno and other high risk States
 - 3.2.3. The 1st round of SIPDs in 2017 was conducted from 28th – 31st January 2017 in the 18 high risk States. This was carried out using mOPV2 (2nd mOPV2 OBR). The schedule for other SIAs is as described in Table 2
 - 3.2.4. The 2nd round of SIPDs completed (25th-28th February, 2017) in 14 high risk States using bOPV.
 - 3.2.5. The 1st and 2nd rounds of NIPDs completed (from 25th – 28th March, 2017 and 22nd – 25th April, 2017) nationwide respectively.
 - 3.2.6. Between weeks 1 and 52 in 2016, four WPVs were isolated from Borno State compared to no WPV isolated during the same period in 2015.
- 3.3. No circulating Vaccine Derived Polio Virus type 2 (cVDPV2) was isolated in week 1 - 52, in both 2016 and 2015.
- 3.4. Between weeks 1 and 52, 2016 two (2) cVDPV2 were isolated in two LGAs (two States) while one (1) cVDPV2 was isolated from Kwali, FCT during the same period in 2015.
- 3.5. Six confirmed WPVs were isolated in 2014.
- 3.6. The SIAs were strengthened with the following events:
 - 3.6.1. Immunization for all vaccine-preventable diseases in some selected wards/LGAs.
 - 3.6.2. Use of health camp facilities.
 - 3.6.3. Field supportive supervision and monitoring.
 - 3.6.4. Improved Enhanced Independent Monitoring (EIM) and Lots Quality Assessments (LQAs) in all Polio high risk States.
 - 3.6.5. High level of accountability framework

Figure 6: Polio Compatible cases in Nigeria as at Week 1 - 52, 2014 - 2016 (Data as at 02/06/17)

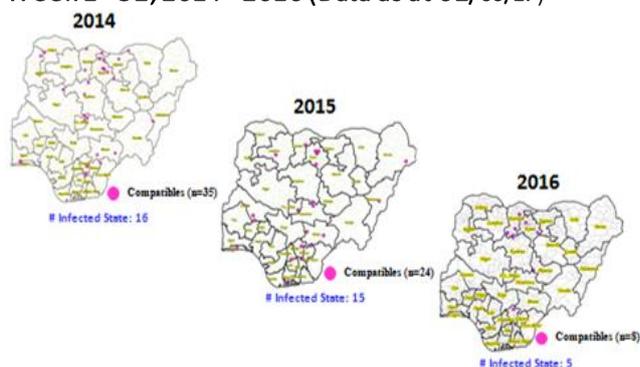


Table 2: 2017 SIAs

S/N	Month	Dates	Scope	Remarks	Target Populations	Antigen
1	January	28 th - 31 st	SIPDs (18 States)	2nd mOPV2 OBR in 18 states	33,478,035	mOPV2
2	February	25 th - 28 th	SIPDs (14 High Risk States)	List of high risk states reviewed using the HR Algorithm and local information on risk	26,256,251	bOPV
3	March	25 th - 28 th	NIPDs (36+1)	Nationwide	59,961,520	bOPV
4	April	22 nd - 25 th	NIPDs (36+1)	Nationwide	59,961,520	bOPV
5	July	1 st - 4 th	SIPDs (18 High Risk States)	High Risk States	33,478,035	bOPV
6	October	14 th - 17 th	SIPDs (18 High Risk States)	High Risk States	33,478,035	bOPV
7	December	9 th - 12 th	SIPDs (6 High Risk States)	High Risk States		bOPV

4. CHOLERA

- 4.1. 77 suspected cases of Cholera and one death were reported from four LGAs (two State) in week 22 compared with zero case at the same period in 2016.
- 4.2. Between weeks 1 and 22 (2017), 162 suspected Cholera cases and five deaths (CFR, 3.09%) from 18 LGAs (13 States) were reported compared with 218 suspected cases and one death (CFR, 0.46%) from 26 LGAs (nine States) during the same period in 2016 (Figure 7).
- 4.3. Between weeks 1 and 52 (2016), 768 suspected Cholera cases with 14 laboratory confirmed cases and 32 deaths (CFR, 4.17%) from 57 LGAs (14 States) were reported compared with 5,301 cases with 29 laboratory confirmed cases and 186 deaths (CFR, 3.51%) from 101 LGAs (18 States and FCT) during the same period in 2015 (Figure 8).
- 4.4. Cholera preparedness workshop held from 31st May – 1st June, 2017 in Abuja to develop Cholera preparedness plan as the season set in.
- 4.5. NCDC/partner are providing onsite support to Kwara State.
- 4.6. States are enjoined to intensify surveillance.

Figure 7: Status of LGAs/States that reported Cholera cases in week 1- 22, 2016 & 2017

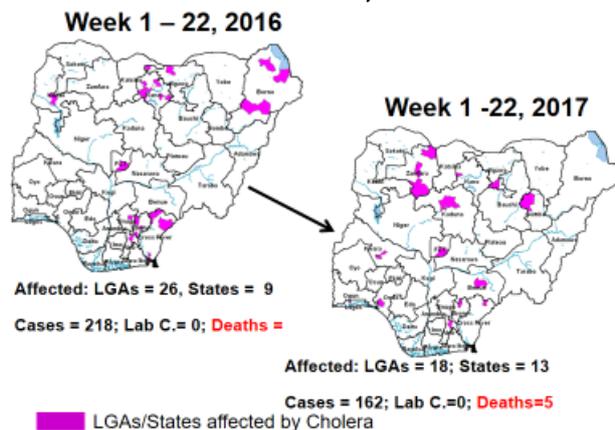
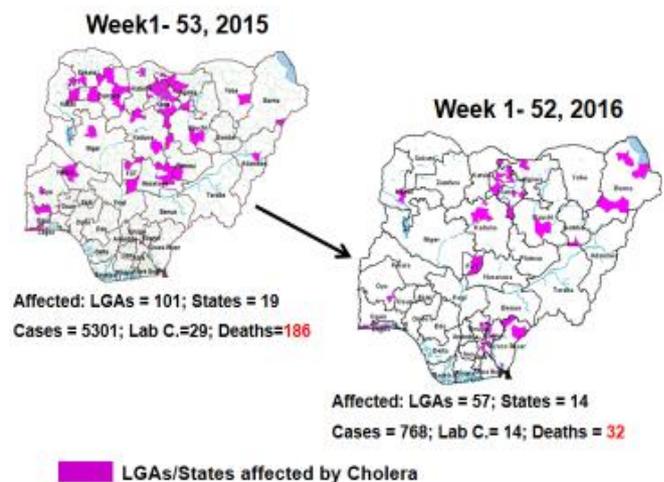


Figure 8: Status of LGAs/States that reported Cholera cases in week 1- 52, 2015 & 2016



5. CEREBROSPINAL MENINGITIS (CSM)

- 5.1. In the reporting week 22, 42 suspected Cerebrospinal Meningitis (CSM) cases with one laboratory confirmed case and one deaths (CFR, 2.56%) were reported from 22 LGAs (10 States) compared with one suspected case from Bukuru LGA (Benue States) at the same period in 2016.
- 5.2. Between weeks 1 and 22 (2017), 9570 suspected CSM cases with 107 laboratory confirmed cases and 599 deaths (CFR, 6.26%) were recorded from 293 LGAs (31 States) compared with 495 suspected cases and 25 deaths (CFR, 5.05%) from 118 LGAs (25 States) during the same period in 2016 (Figure 9).

- 5.3. Between weeks 1 and 52, 2016, 831 suspected CSM cases with 43 laboratory confirmed cases and 33 deaths (CFR, 3.97%) were recorded from 154 LGAs (30 States and FCT) compared with 2,711 suspected cases and 131 deaths (CFR, 4.83%) from 170 LGAs (28 States and FCT) during the same period in 2015 (Figure 10)

Figure 9: Map of Nigeria showing areas affected by CSM, Week 1 – 22, 2016 & 2017

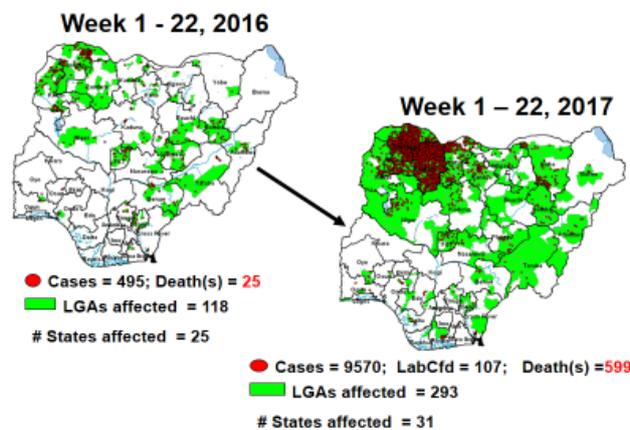
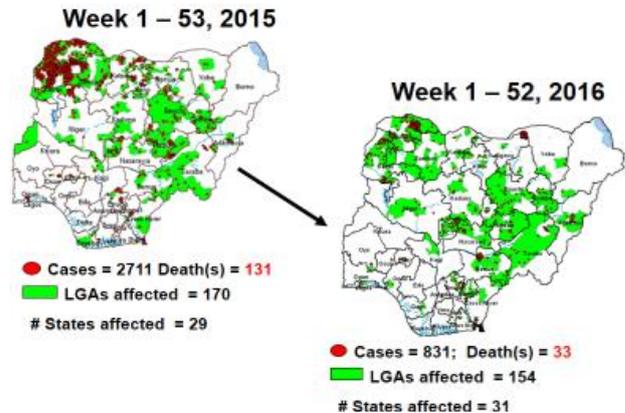


Figure 10: Nigeria: Dot maps of CSM cases, week 1 - 53, 2015 & 2016



- 5.4. Timeliness/completeness of CSM case-reporting from States to the National Level (2017 versus 2016): on average, 79.4% of the 26 endemic States sent CSM reports in a timely manner while 97.9% were complete in week 1 – 22, 2017 as against 82.5% timeliness and 98.4% completeness recorded within the same period in 2016
- 5.5. CSM preparedness checklist sent to 36 States and FCT ahead of 2017 meningitis season
- 5.6. Confirmed cases are being treated at identified treatment centres in affected States (Zamfara, Sokoto, Katsina, Kebbi, Niger, Kano, Yobe and Jigawa) and necessary supportive management also instituted
- 5.7. CSM National Emergency Operations Centre constituted at the Nigeria Centre for Disease Control
- 5.8. Onsite support was earlier provided to Zamfara, Sokoto, Katsina, Kebbi, Kano, Yobe and Niger States by NCDC and partners
- 5.9. Ongoing offsite support to States
- 5.10. Intensive Surveillance is on-going in high risk States.
- 5.11. Reactive vaccination completed in Zamfara State for people aged one to 29 years using polysaccharide meningococcal A & C vaccine.
- 5.12. Reactive vaccination completed in two wards (Gada and Kaffe) in Gada LGA in Sokoto State using polysaccharide meningococcal A & C vaccine for people aged two to 29 years.
- 5.13. Reactive vaccination completed in nine LGAs in Sokoto State using monosaccharide meningococcal conjugate C vaccine for aged one to 20 years.
- 5.14. Reactive vaccination campaign completed in Yobe State and the second phase of the campaign in Zamfara State also completed.
- 5.15. Training and deployment of first batch of medical teams to support case management in Sokoto and Zamfara States completed (from Friday 5th - 26th May, 2017).
- 5.16. Deployed mobile testing laboratory to Zamfara State to aid diagnosis

5.17. Team deployed by NCDC/WHO to support surveillance activities, laboratory data harmonization and monitoring of the implementation plan in Yobe state completed their assessment.

6. GUINEA WORM DISEASE

6.1. In the reporting week, no rumour report of Guinea Worm disease was received from any State.

6.2. Nigeria has celebrated eight consecutive years of zero reporting of Guinea worm disease in the country. The Country has been officially certified free of Dracunculiasis transmission by the International Commission for the Certification of Dracunculiasis Eradication (ICCDE).

(For further information, contact NIGEP NC/Director: Mrs. I, Anagbogu: +2348034085607, ifechuba@yahoo.co.uk)

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0800-970000-10

Table 3: Status of Reporting by the State Epidemiologists, Nigeria, Weeks 1 - 22, 2017, as at 9th June, 2017

Keys:																						Timely Reports								
T= Arrived on Time																						<30%	Poor	4 States						
L= Arrived late	N	Report not received																				50-79%	Good	10 States						
N= No Report (Report not received)																						80-100%	Excellent	25 States						
State	GeoZones	W01	W02	W03	W04	W05	W06	W07	W08	W09	W10	W11	W12	W13	W14	W15	W16	W17	W18	W19	W20	W21	W22	Expected (Es)	Timely Rpts (Ts)	Late Rpts (Ls)	Rpts Not Recvd (Ns)	% Timely	% Complete	
1 Abia	SEZ	L	L	L	L	L	T	L	T	L	T	L	T	L	L	T	T	T	T	T	T	T	T	22	12	10	0	55%	100%	
2 Adamawa	NEZ	L	L	L	L	L	L	T	L	T	T	T	T	L	L	T	L	T	L	K	L	T	22	9	12	1	41%	95%		
3 Akwa Ibom	SSZ	T	L	T	T	T	L	T	T	L	L	L	T	T	T	T	T	T	T	T	T	L	T	22	16	6	0	73%	100%	
4 Anambra	SEZ	T	T	T	T	L	T	T	T	T	L	L	T	T	T	T	T	T	T	T	T	L	T	22	18	4	0	82%	100%	
5 Bauchi	NEZ	T	T	T	T	T	T	L	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	22	21	1	0	95%	100%	
6 Bavela	SSZ	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	22	22	0	0	100%	100%	
7 Benue	NCZ	T	T	T	T	T	L	T	T	T	T	T	L	L	T	L	T	T	T	L	T	T	22	17	5	0	77%	100%		
8 Borno	NEZ	L	T	T	T	T	L	L	L	L	T	T	T	T	T	L	T	T	T	T	T	T	T	22	17	5	0	77%	100%	
9 Cross River	SSZ	L	L	L	L	L	L	L	L	T	T	T	T	T	T	L	L	T	L	T	L	T	22	10	12	0	45%	100%		
10 Delta	SSZ	L	T	L	L	L	T	L	L	L	L	L	T	T	T	T	T	T	T	T	T	T	T	22	13	9	0	59%	100%	
11 Ebonyi	SEZ	T	L	L	L	T	L	T	T	L	T	T	T	T	T	L	L	T	T	T	T	T	22	15	7	0	68%	100%		
12 Edo	SSZ	L	L	L	L	T	L	T	T	T	T	L	T	L	L	L	T	T	L	L	L	L	22	10	12	0	45%	100%		
13 Ekiti	SWZ	T	T	T	T	T	T	T	T	T	L	T	T	T	T	T	T	T	T	T	T	T	T	22	21	1	0	95%	100%	
14 Enugu	SEZ	L	L	L	L	T	L	T	L	T	T	L	T	T	T	T	T	T	T	T	N	N	22	13	7	2	59%	91%		
15 FCT	NCZ	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	22	22	0	0	100%	100%	
16 Gombe	NEZ	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	L	T	T	T	T	T	T	22	21	1	0	95%	100%	
17 Imo	SEZ	L	L	L	L	L	L	L	L	L	T	T	T	T	T	T	T	T	T	T	T	T	T	22	13	9	0	59%	100%	
18 Jigawa	NWZ	T	T	T	L	L	L	L	L	T	T	T	T	T	T	T	T	T	T	T	L	T	N	22	15	6	1	68%	95%	
19 Kaduna	NWZ	T	T	T	T	L	T	L	T	T	L	T	T	T	T	T	T	T	T	T	T	T	T	22	19	3	0	84%	100%	
20 Kano	NWZ	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	22	22	0	0	100%	100%	
21 Katsina	NWZ	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	L	T	T	T	T	22	21	1	0	95%	100%	
22 Kebbi	NWZ	T	T	T	L	L	T	T	T	T	T	L	T	T	T	T	T	T	T	T	T	T	T	22	19	3	0	86%	100%	
23 Kogi	NCZ	T	T	T	T	T	T	T	T	T	T	T	L	T	T	T	T	T	T	T	T	T	T	22	21	1	0	95%	100%	
24 Kwara	NCZ	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	L	T	T	T	T	T	22	6	16	0	27%	100%	
25 Lagos	SWZ	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	22	22	0	0	100%	100%	
26 Nasarawa	NCZ	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	22	22	0	0	100%	100%	
27 Niger	NCZ	T	T	T	T	T	T	L	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	22	21	1	0	95%	100%	
28 Ogun	SWZ	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	22	22	0	0	100%	100%	
29 Ondo	SWZ	T	T	T	T	T	T	T	T	T	T	L	T	L	T	T	L	T	T	L	T	T	T	22	19	3	0	86%	100%	
30 Osun	SWZ	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	22	22	0	0	100%	100%	
31 Oyo	SWZ	T	L	T	T	T	T	L	T	T	L	L	T	L	T	L	T	T	T	T	T	T	T	22	17	5	0	77%	100%	
32 Plateau	NCZ	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	22	22	0	0	100%	100%	
33 Rivers	SSZ	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	22	22	0	0	100%	100%	
34 Sokoto	NWZ	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	22	22	0	0	100%	100%	
35 Taraba	NEZ	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	22	22	0	0	100%	100%	
36 Yobe	NEZ	T	L	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	22	21	1	0	95%	100%	
37 Zamfara	NWZ	T	T	T	L	L	L	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	22	19	3	0	86%	100%	
Total number of reports expected (E)		37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	814						
Total reports sent on time (T)		28	27	27	26	27	27	26	28	28	36	31	32	31	31	32	33	29	35	34	34	30	34		666					
Total reports sent late (L)		9	10	10	11	10	10	11	9	9	1	6	5	6	6	5	4	8	2	3	2	6	1			144				
Total number of reports not received (N)		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2				4			
Timeliness of reports =100*(T/E)		75.7	73.0	73.0	70.3	73.0	73.0	70.3	75.7	75.7	97.3	83.8	86.5	83.8	83.8	86.5	89.2	78.4	94.6	91.9	91.9	81.1	91.9					82%		
Completeness of reporting=100*(E-N)/E		100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.3	97.3	94.6						100%	
Latest Week		22																												Last updated 9th June, 2017

Table 4: Updates on Epidemics, Week 1 - 22 (29th May – 5th June, 2017) as at 9th June, 2017

SNO	State	Surveillance Report	Status of Report	AFP		CSM		Cholera		Measles		Lassa Fever		Guinea worm Disease		HPAI		Other Diseases/Events		Remarks
				New Cases	Cumulative Cases	New Cases	Cumulative Cases	New Cases	Cumulative Cases	New Cases	Cumulative Cases	New Cases	Cumulative Cases							
1	Abia	308/165	T	4	91															
2	Adamawa	426/536	T	7	231	1	23	5	6	6	551									1 500
3	Abia State	546/544	T	4	74				2	2	24									2
4	Abia State	532/113	T	4	110				7	7	110									
5	Abia State	633/57	T	94	281	12	11	4 333		81	540	12	5 136							
6	Abia State	227/163	T	3	82				1	1	47									6
7	Abia State	550/31	T	5	131				2	2	204									1
8	Abia State	533/37	T	0	68	17	2	113		81	253	9	172							
9	Abia State	334/389	T	8	194	31	3	155		3	153									4 2 435
10	Abia State	535/34	T	4	55	11	1			4	53									
11	Abia State	288/73	T	57	181	15			9	4 444	73									9
12	Abia State	420/32	L	11	181	8	1	123		7	81	1	4	4	19	25	9	7 35		
13	Abia State	326/45	T	7	187					16	340									
14	Abia State	437/336	R	127	427	8	1	123			88	3								
15	Abia State	349/22	T	2	167	47	2	142		1	138	2								
16	Abia State	323/32	T	3	181	43	2	145		23	308	14	23							6
17	Abia State	539/170	T	3	221	539	170			9	157									
18	Abia State	537/23	T	94	481	49	2	123		7	338									
19	Abia State	82/32	T	4	251	17	2	134		4	119	12	12							11
20	Abia State	128/13	T	2	321	21	24	75		14	187	7	12							140
21	Abia State	738/10	T	0	301	510	20	113		6	369	1	127	3						53 22
22	Abia State	438/37	T	2	165	111	19	107		11	397	1	125							
23	Abia State	480/12	T	4	101					3	128									
24	Abia State	305/45	T	1	51				7	1 144	94									
25	Abia State	1230/74	T	9	191	15	2	133		5	123									
26	Abia State	234/106	T	7	136	21				5	235									
27	Abia State	530/12	T	5	117	110	31	300			149	4	27							47
28	Abia State	538/10	T	5	181	11	2	113			229									8 9 107
29	Abia State	454/49	T	4	121	15			7	9	152									
30	Abia State	459/103	T	4	161					6	235									
31	Abia State	721/171	T	7	110	17				16	303									
32	Abia State	448/115	T	20	169	49	2	135			365	21	168							
33	Abia State	724/154	T	2	181	28					77									
34	Abia State	498/49	T	6	177	387	184	47		88	567	8	109							
35	Abia State	305/53	T	5	161	21				2	137	1								7 2 265
36	Abia State	327/25	T	1	231	4	1	24	9	25	359	1	24							
37	Abia State	482/75	T	3	81	1	383	19	23	54	173									
Total		9838/141	15 425	251	691	1 321	107	591	638	77	1 624	5	3 389	381						288 21 14 153

Please note that the reporting status in this table is from NHA State office

Source: Integrated Disease Control, FMOH

Status Report: Family Health Report