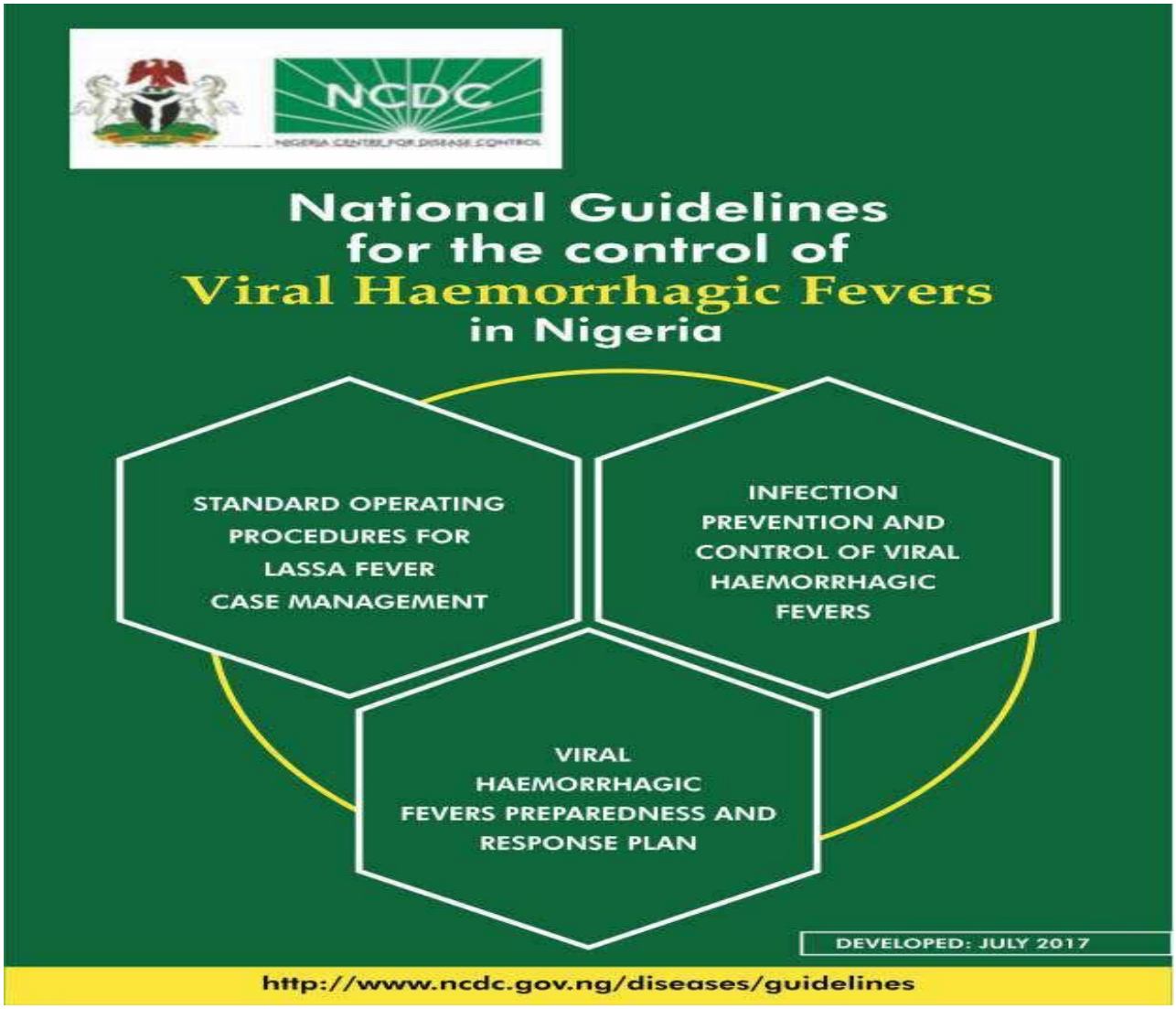
Issue: Volume 7 No. 30 11th August, 2017

NIGERIA CENTRE FOR DISEASE CONTROL

Weekly Epidemiological Report

Main Highlight of the week

NCDC produces three new Guidelines for the control of Viral Haemorrhagic Fevers in Nigeria



Disease guidelines provide a country with a harmonised method of preventing, detecting and responding to diseases of public health importance. They are also essential in providing recommendations to various role players on interventions that can prevent disease or improve health.

In the last one year, officials at the Nigeria Centre for Disease Control in collaboration with partners from Ministries of Agriculture and Environment, Non-Governmental Organisations, Hospitals, Laboratories and the academia, have developed new important guidelines to guide the management of some diseases including Viral Haemmorhagic Fevers (VHF).

In the wake of the recent cases of Lassa fever in States across the country, this editorial focuses on three vital guidelines for the control of VHF in Nigeria-

- Viral Haemorrhagic Fevers Preparedness and Response Plan
- National Guidelines on Infection Prevention and Control for Viral Haemorrhagic Fevers
- SOPs for Lassa Fever Case Management of Viral Haemorrhagic Fevers

The **Viral Haemorrhagic Fevers Preparedness and Response Plan** has been developed to ensure the clarity of activities required for prevention, rapid detection, investigation, verification, and response to VHF cases and outbreaks. The implementation of this plan will minimise associated health consequences and the negative socio-economic impact of VHFs. The plan has been developed to be applied across the Federal, State and Local Government level covering several areas including surveillance and epidemiology, laboratory diagnosis, case management, risk communication etc. It covers the period before outbreaks and during outbreaks.

The **National Guidelines on Infection Prevention and Control for Viral Haemorrhagic Fevers** simply provides steps on preventing human to human transmission of Lassa fever, especially in clinical settings. The plan contains protocols on safe transportation of infected patients, disinfection, waste disposal of equipment used by or for an infected patient, safe burial and other related matters to prevent the transmission of the Lassa fever virus from an infected person to health workers, family members, care givers and other members of the community.

The **Standard Operating Procedures (SOPs) for Lassa Fever Case Management** describes standard measures for the management of patients with Lassa fever including protocol for case identification and detection, treatment, discharge procedures of a recovered patient and safe burial practices for a patient who dies from Lassa fever.

These Guidelines have been developed with the aim of co-ordinating the response to VHF outbreaks across the country, and strengthening the system across different spheres to prevent, detect and respond to these diseases. They should be used by States and other institutions to ensure Nigeria's health security. The guidelines are available on the NCDC website (http://ncdc.gov.ng/diseases/guidelines) and plans are underway to distribute hard copies of these documents across the country.

States and hospitals are encouraged to apply these guidelines, especially in the management of the current Lassa fever outbreak and preparedness for subsequent outbreaks.

In the reporting week ending on the 30th of July, 2017:

- There were 357 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.

- Two suspected cases of Cholera were reported from Ilorin East LGA in Kwara State with no laboratory confirmed case and no recorded deaths.

- There were 17 suspected cases of Cerebrospinal Meningitis (CSM) reported from ten LGAs in eight States. Of these, none was laboratory confirmed and no death was recorded. Ongoing surveillance for CSM has been intensified in the States.

- There were 449 suspected cases of Measles reported from 33 States. None was laboratory confirmed and one death was recorded.

In the reporting week, Lagos State failed to send in any report. Timeliness of reporting increases from 82% to 83% in the previous and current weeks (Week 29 and 30) while completeness also remains at 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 04/08/2017)

Disease	Variables	Week 29	Week 30		Cumulative Weeks	
		2017	2017	2016	01 - 30, 2017	01 - 30, 2016
AFP	Cases	393	357	281	9,573	7839
	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	81	2	0	918	331
	Deaths	3	0	0	23	4
	CFR	3.70%	0.00%	0.00%	2.51%	1.21%
Lassa Fever	Cases	5	12	14	366	760
	Deaths	0	0	0	56	87
	CFR	0.00%	0.00%	0.00%	15.30%	11.45%
CSM	Cases	12	17	14	9740	560
	Deaths	0	0	0	602	29
	CFR	0.00%	0.00%	0.00%	6.18%	5.18%
Measles	Cases	281	449	168	15,607	20964
	Deaths	0	1	0	89	84
	CFR	0.00%	0.22%	0.00%	0.57%	0.40%
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. 12 suspected cases of Lassa fever were reported from four LGAs (three States; Edo – 10, Nasarawa – 1 & Plateau - 1) in week 30, 2017 compared with 14 suspected cases with two Laboratory confirmed cases reported from three LGAs (three States) at the same period in 2016.

1.2. Laboratory results of the 12 suspected cases are two positives for Lassa fever (Edo -2) while eight were negative for Lassa fever and other VHF (Edo – 8) while two pending (Nasarawa – 1 & Plateau – 1).

1.3. Between weeks 1 and 30 (2017), 366 suspected Lassa fever cases with 88 laboratory confirmed cases and 56 deaths (CFR, 15.30%) from 68 LGAs (22 States) were reported compared with 760 suspected cases with 74 laboratory confirmed cases and 87 deaths (CFR, 11.45%) from 128 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 VHFs 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 (National Viral Haemorrhagic Fevers Preparedness guidelines, Infection Prevention and Control of VHF and Standard Operating Procedures for Lassa fever management) and are available on the NCDC website.

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. NCDC and partners are providing onsite support in Ondo and Plateau State

1.5.12. States are enjoined to intensify surveillance and promote Infection, Prevention and Control (IPC) measures in health facilities.

Figure 1: Map of Nigeria showing areas affected by Lassa fever, week 1- 30, 2016 & 2017

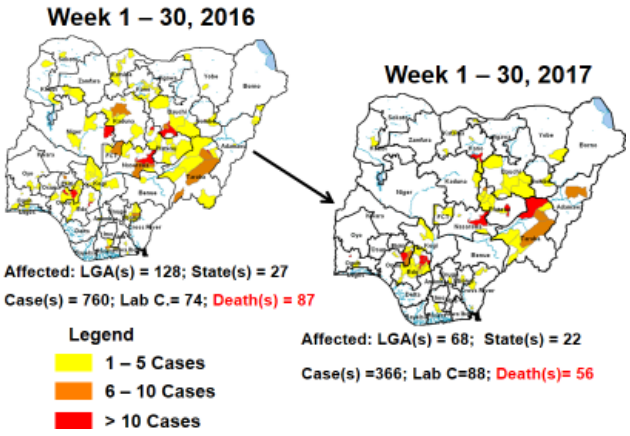
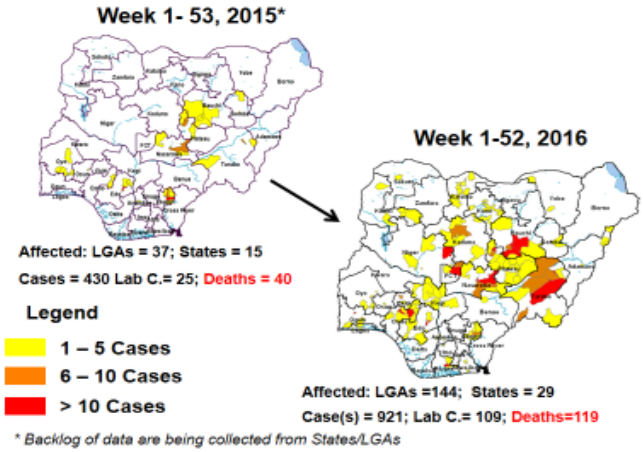


Figure 2: Map of Nigeria showing areas affected by Lassa fever, week 1 - 53, 2015 and week 1 – 52, 2016



2. MEASLES

2.1. In the reporting week, 449 suspected cases of Measles and one death (CFR, 0.22%) were reported from 33 States compared with 168 suspected measles cases reported from 27 States during the same period in 2016.

2.2. So far, 15,607 suspected Measles cases with 108 laboratory confirmed cases and 89 deaths (CFR, 0. 57%) have been reported in 2017 from 36 States and FCT (Figure 4) compared with 20,964 suspected cases and 84 deaths (CFR, 0.40%) 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

2.6. Measles Surveillance Evaluation and Establishment of the burden of Congenital Rubella Syndrome (CRS) in 12 selected States in the six geopolitical zones from the 17th -21st July 2017 conducted

2.7. Harmonization of measles surveillance data with laboratory confirmed cases

Figure 3: Suspected Measles attack rate by States, week 30, 2017 as at 4th August, 2017

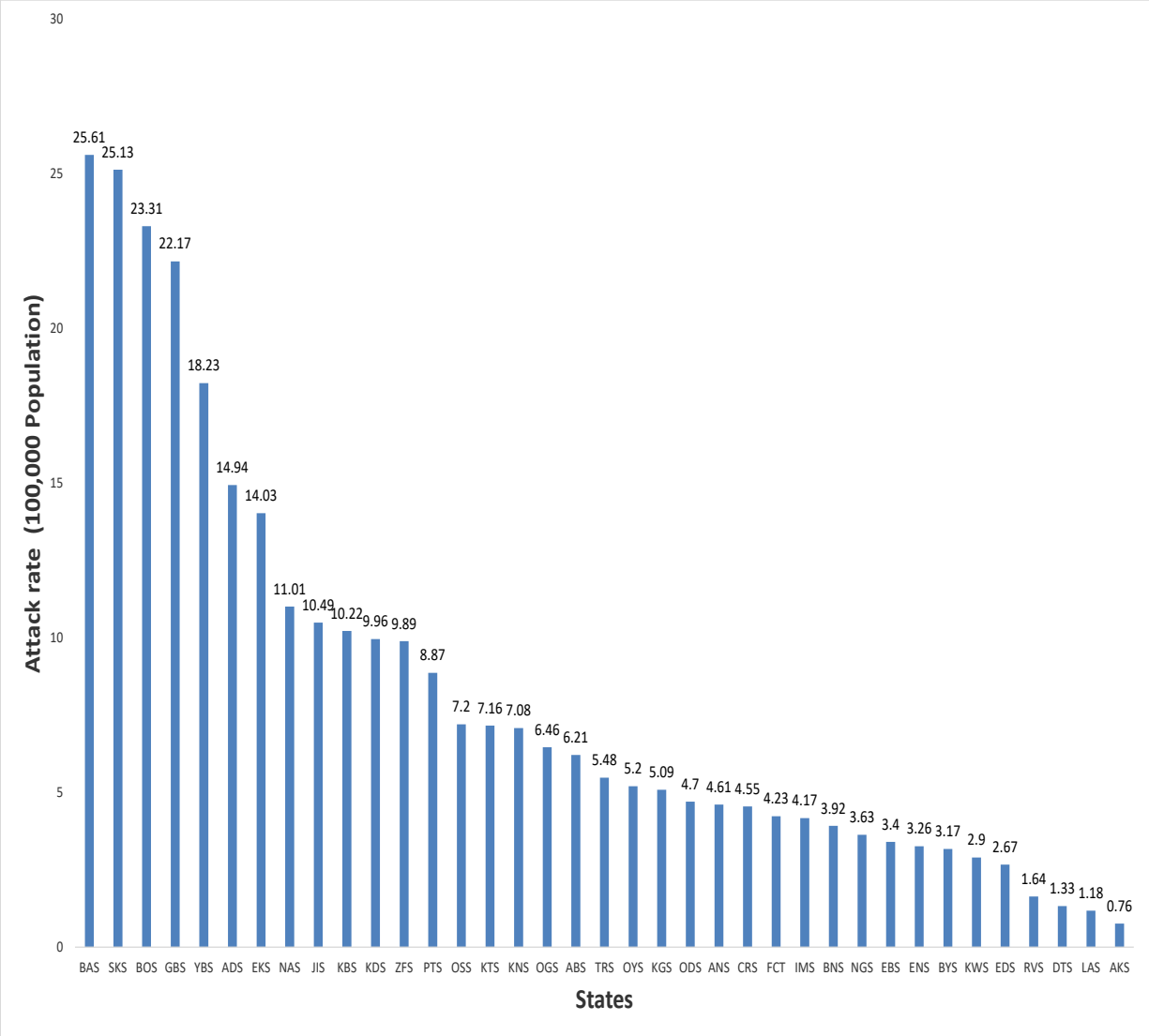


Figure 4: Map of Nigeria showing Distribution of suspected Measles cases, Weeks 1- 30, 2017as at 04/08/2017

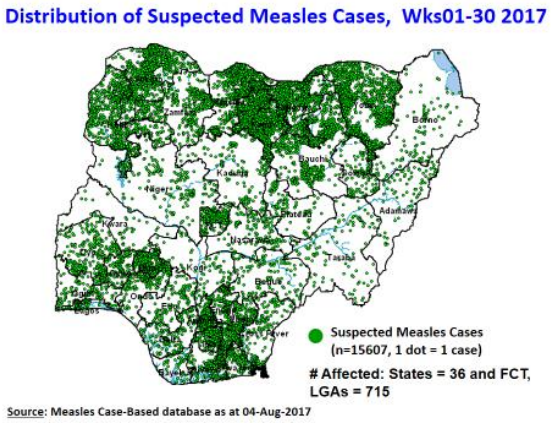
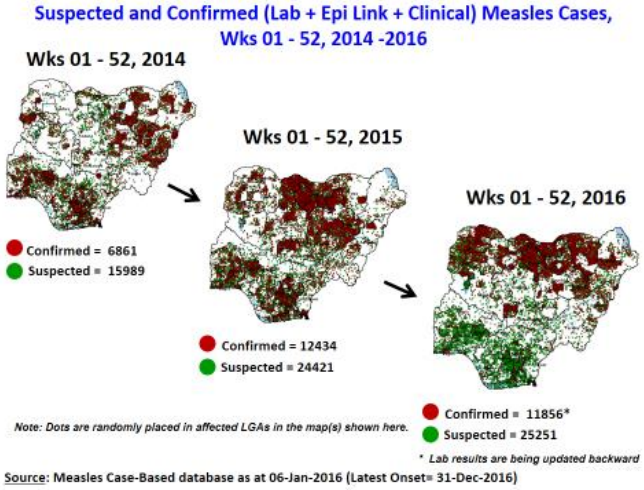


Figure 5: Suspected & confirmed (Lab + Epi Link + Clinical) Measles cases weeks 1 – 52, 2014 - 2016



3. POLIOMYELITIS

3.1. As at July 23rd 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, 357 cases of AFP were reported from 271 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 and 3rd round of SIPDs completed (25th-28th February and 8th – 11th July, 2017) in 14 & 18 high risk States using bOPV respectively.

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 23/07/17)

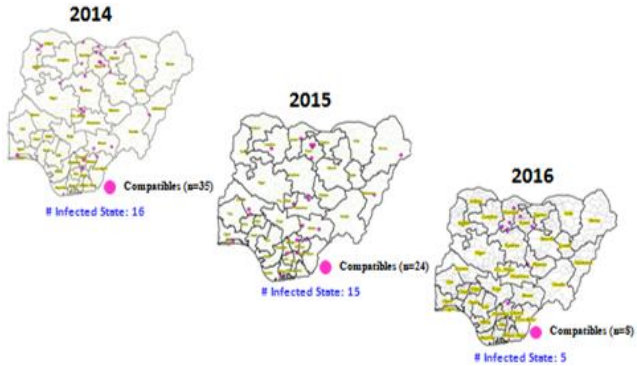


Table 2: 2017 SIAs

S/N	Month	Dates	Scope	Remarks	Target Populations	Antigen
1	January	28th - 31st	SIPDs (18 States)	2nd mOPV2 OBR in 18 states	33,478,035	mOPV2
2	February	25th - 28th	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	25th - 28th	NIPDs (36+1)	Nationwide	59,961,520	bOPV
4	April	22nd - 25th	NIPDs (36+1)	Nationwide	59,961,520	bOPV
5	July	8th-11th	SIPDs (18 High Risk States)	High Risk States	33,478,035	bOPV
6	October	14th - 17th	SIPDs (18 High Risk States)	High Risk States	33,478,035	bOPV
7	December	9th - 12th	SIPDs (6 High Risk States)	High Risk States		bOPV

4. CHOLERA

4.1. Two suspected cases of Cholera cases were reported from Ilorin East LGA (Kwara State) in week 30 compared with zero case at the same period in 2016.

4.2. Between weeks 1 and 30 (2017), 918 suspected Cholera cases with 19 laboratory confirmed and 23 deaths (CFR, 2.51%) from 33 LGAs (13 States) were reported compared with 331 suspected cases and four deaths (CFR, 1.21%) from 30 LGAs (ten 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/partners provided onsite support in Kwara State.

4.6 NCDC/partners are providing onsite support in Zamfara State.

4.7 Cholera Preparedness Checklist sent to all States to assess their level of preparedness with recommendations for prevention of and response to an outbreak.

4.8 States are enjoined to intensify surveillance, implement WASH activities and ensure early reporting.

Figure 7: Status of LGAs/States that reported Cholera cases in week 1- 30, 2016 & 2017

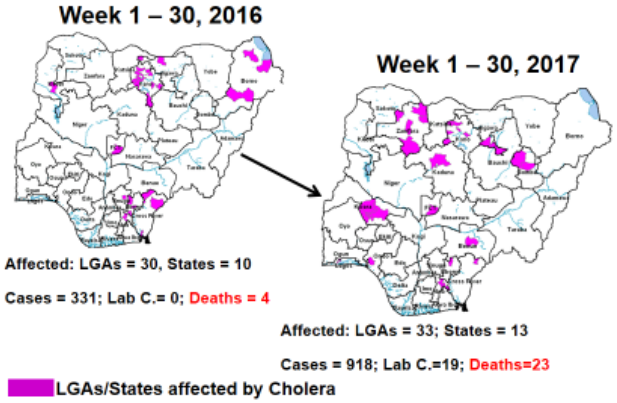
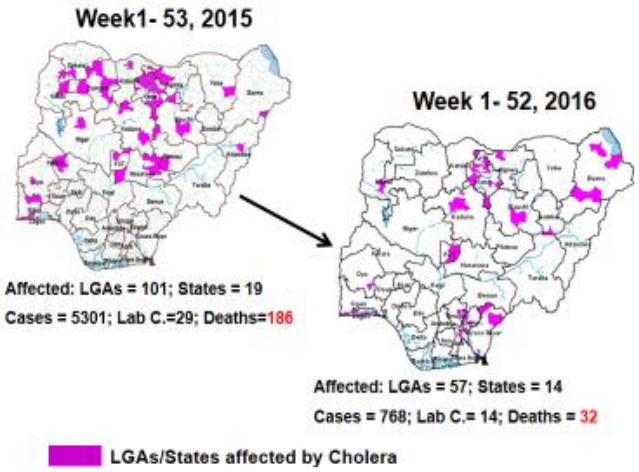


Figure 8: Status of LGAs/States that reported Cholera cases in week 1- 52, 2015 & 2016



5. CEREBROSPINAL MENINGITIS (CSM)

5.1. In the reporting week 30, 17 suspected Cerebrospinal Meningitis (CSM) cases were reported from ten LGAs (eight States) compared with 14 suspected cases from eight LGAs (seven States) at the same period in 2016.

5.2. Between weeks 1 and 30 (2017), 9740 suspected CSM cases with 108 laboratory confirmed cases and 602 deaths (CFR, 6.18%) were recorded from 303 LGAs (32 States) compared with 560 suspected cases and 29 deaths (CFR, 5.18%) from 130 LGAs (27 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 - 30, 2016 & 2017

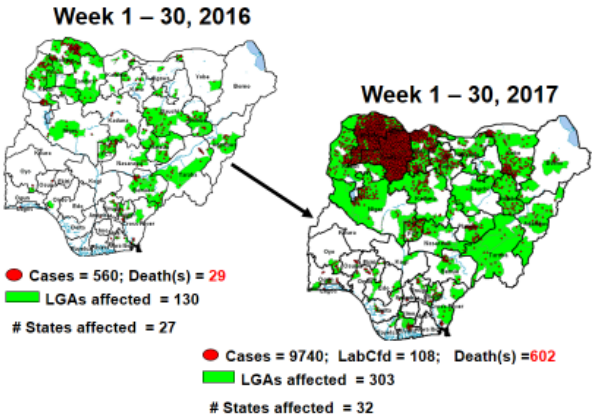
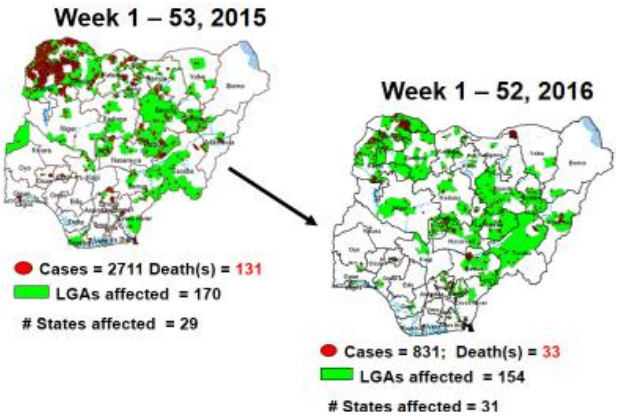


Figure 10: Nigeria: Dot maps of CSM cases, week 1 - 53, 2015 & 2016



5.4. Timeliness/completeness of CSM case-reporting from States to the National Level (2017 versus 2016): on average, 80.9% of the 26 endemic States sent CSM reports in a timely manner while 98.1% were complete in week 1 – 30, 2017 as against 84.2% timeliness and 99.4% 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 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 provided to Zamfara, Sokoto, Katsina, Kebbi, Kano, Yobe and Niger States by NCDC and partners

5.9. Off-site support provided to other States

5.10. Intensive Surveillance 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 for people aged two to 29 years using polyvalent ACW conjugate vaccine.
5.15. Medical teams were trained and deployed 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. A Team was deployed by NCDC/WHO to support surveillance activities, laboratory data harmonization and monitoring of the implementation plan in Yobe state
5.18. National CSM EOC has been stepped down
5.19. Evaluation of the CSM outbreak response in Zamfara and Sokoto States is ongoing by NCDC and WHO
5.20. National CSM After-Action Review meeting conducted in Sokoto State from the 24th – 25th of July 2017.

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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www.ncdc.gov.ng/reports
0800-970000-10

Table 3: Status of Reporting by the State Epidemiologists, Nigeria, Weeks 1 - 30, 2017, as at 4th August, 2017

Keys:

T= Arrived on Time

L= Arrived late

N = No Report (Report not received)

N Report not received

Timely Reports		
	<50%	Poor	2 States
	50-79%	Good	10 States
	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	W23	W24	W25	W26	W27	W28	W29	W30	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	T	L	T	T	L	L	T	T	T	T	T	T	T	T	L	T	T	T	T	30	19	11	0	63%	100%
2	Adamawa	NEZ	L	L	L	L	L	L	T	L	T	T	T	T	T	L	L	T	L	T	L	L	L	T	T	T	T	T	T	T	T	30	17	13	0	57%	100%
3	Akwa Ibom	SSZ	T	L	T	T	T	T	L	T	T	T	L	L	L	T	T	T	T	T	T	T	L	T	T	L	L	L	L	T	T	30	20	10	0	67%	100%
4	Anambra	SEZ	T	T	T	T	L	T	T	T	T	T	L	L	T	T	T	T	T	T	T	T	L	T	T	T	T	T	T	T	T	30	26	4	0	87%	100%
5	Bauchi	NEZ	T	T	T	T	T	T	T	L	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	L	T	T	T	30	28	2	0	93%	100%
6	Bayelsa	SSZ	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	30	30	0	0	100%	100%
7	Benue	NCZ	T	T	T	T	T	T	L	T	T	T	T	T	T	L	L	T	L	T	T	T	L	T	L	T	T	T	T	T	T	30	24	6	0	80%	100%
8	Borno	NEZ	L	T	T	T	T	T	L	L	L	T	T	T	T	T	T	L	T	T	T	T	T	T	T	T	T	L	L	T	T	30	23	7	0	77%	100%
9	Cross River	SSZ	L	L	L	L	L	L	L	L	L	T	T	T	T	T	T	T	L	L	T	T	L	T	T	T	L	L	T	T	T	30	16	14	0	53%	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	T	T	T	T	T	T	T	30	21	9	0	70%	100%
11	Ebonyi	SEZ	T	L	L	L	T	L	T	T	L	T	T	T	T	T	T	T	L	L	T	T	T	T	T	T	T	T	T	L	T	30	22	8	0	73%	100%
12	Edo	SSZ	L	L	L	L	T	L	T	T	T	T	L	T	L	T	L	L	T	T	L	L	L	L	T	L	L	T	T	L	T	30	14	16	0	47%	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	T	T	T	T	T	T	T	30	29	1	0	97%	100%
14	Enugu	SEZ	L	L	L	L	T	L	T	L	T	T	T	T	L	T	T	T	T	T	T	T	L	L	T	T	T	L	T	T	T	30	20	10	0	67%	100%
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	T	T	T	T	T	T	T	30	30	0	0	100%	100%
16	Gombe	NEZ	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	L	T	T	T	T	T	T	T	T	L	T	L	T	30	26	4	0	87%	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	T	T	T	T	T	T	T	30	21	9	0	70%	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	L	T	L	L	L	L	T	L	30	18	12	0	60%	100%
19	Kaduna	NWZ	T	T	T	T	L	T	L	T	T	T	L	T	T	T	T	T	T	T	T	T	T	T	T	T	L	T	L	T	T	30	25	5	0	83%	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	T	T	T	T	T	T	T	30	30	0	0	100%	100%
21	Katsina	NWZ	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	L	T	T	T	L	T	L	T	T	T	T	30	27	3	0	90%	100%
22	Kebbi	NWZ	T	T	T	T	L	L	T	T	T	T	T	L	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	30	27	3	0	90%	100%
23	Kogi	NCZ	T	T	T	T	T	T	T	T	T	T	T	T	L	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	30	29	1	0	97%	100%
24	Kwara	NCZ	L	L	L	L	L	L	L	L	L	T	L	L	L	L	L	L	L	T	T	T	T	T	T	T	T	T	T	T	T	30	14	16	0	47%	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	T	T	T	T	T	T	N	30	29	0	1	97%	97%
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	T	T	L	T	T	T	T	30	29	1	0	97%	100%
27	Niger	NCZ	T	T	T	T	T	T	T	L	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	L	L	L	T	T	L	30	25	5	0	83%	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	T	T	T	T	T	T	T	30	30	0	0	100%	100%
29	Ondo	SWZ	T	T	T	T	T	T	T	T	T	T	T	L	T	L	T	T	T	L	T	T	T	L	T	T	T	T	T	T	T	30	26	4	0	87%	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	T	T	T	T	T	T	T	30	30	0	0	100%	100%
31	Oyo	SWZ	T	T	L	T	T	T	T	L	T	T	T	L	L	T	T	L	T	T	T	T	T	L	T	T	T	T	T	T	T	30	24	6	0	80%	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	T	T	T	T	T	T	T	30	30	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	T	T	T	T	T	T	T	30	30	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	T	T	T	T	T	T	T	30	30	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	L	T	L	L	L	T	L	30	25	5	0	83%	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	T	T	T	T	T	T	T	30	29	1	0	97%	100%
37	Zamfara	NWZ	T	T	T	L	T	L	L	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	T	30	27	3	0	90%	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	37	37	37	37	37	37	37	1110					
	Total reports sent on time (T)		26	27	27	26	27	27	26	28	28	36	31	32	31	31	32	33	29	35	34	34	30	34	31	34	28	27	31	36	31	36		920				
	Total reports sent late (L)		9	10	10	11	10	10	11	9	9	1	6	5	6	6	5	4	8	2	3	3	7	3	6	3	9	10	6	1	6	0			189			
	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	0	0	0	0	0	0	0	0	0	0	1				1		
	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	83.8	91.9	75.7	73.0	83.8	97.3	83.8	97.3					83%	
	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	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	97.3						100%

Latest Week 30

Last updated 30th July, 2017

Table 4: Updates on Epidemics, Week 1- 30 (24th – 30th July, 2017) as at 4th August, 2017)

SNO	State	StatePop2016	Status of Report	AFP							CSM						
				New			Cumulative Data Wk01-30				New			Cumulative Data Wk01-30			
				Cases	LabCfd	Deaths	Cases	LabCfd	Deaths	CFR	Cases	LabCfd	Deaths	Cases	LabCfd	Deaths	CFR
1	Abia	3,699,169	T	6			128										
2	Adamawa	4,216,506	T	10			298							24	5		
3	Akwa Ibom	5,476,644	T	5			98										
4	Anambra	5,512,118	T	5			170							7			
5	Bauchi	6,533,157	T	10			368							13	1	4	30.77
6	Bayelsa	2,267,043	T	3			120							1			
7	Benue	5,670,311	T	12			222				7			30			
8	Borno	5,799,337	T	8			240							21		2	9.52
9	Cross River	3,844,999	T	11			180				1			39		3	7.69
10	Delta	5,615,784	T	5			105							12	1		
11	Ebonyi	2,864,778	T	5			78				1			17			
12	Edo	4,200,832	T	12			277							2		1	50.00
13	Ekiti	3,235,426	T	5			267										
14	Enugu	4,377,536	T	6			198				1			9		1	11.11
15	FCT	3,419,323	T	9			231				2			51	2	7	13.73
16	Gombe	3,225,382	T	7			262							50		2	4.00
17	Imo	5,391,760	T	6			291										
18	Jigawa	5,787,728	T	28			663							48	2	1	2.08
19	Kaduna	8,152,952	T	20			362							81	2	4	4.94
20	Kano	12,983,043	T	20			784							293	24	23	7.85
21	Katsina	7,784,740	T	17			401				1			598	20	61	10.20
22	Kebbi	4,394,887	T	17			677							111	19	10	9.01
23	Kogi	4,406,012	T	9			159				1			2			
24	Kwara	3,186,545	T				58										
25	Lagos	12,350,714	N				206							15		2	13.33
26	Nasarawa	2,504,086	T	7			201							21			
27	Niger	5,518,612	T	6			160							114		33	28.95
28	Ogun	5,158,109	T	13			264							15		2	13.33
29	Ondo	4,624,449	T	11			194							18			
30	Osun	4,691,068	T	13			221							7		1	14.29
31	Oyo	7,811,611	T	11			195				3			25			
32	Plateau	4,149,116	T	19			290							50	2	3	6.00
33	Rivers	7,244,154	T	6			280							28			
34	Sokoto	4,968,458	T	4			228							3897		184	4.72
35	Taraba	3,035,153	T	7			229							22			
36	Yobe	3,274,833	T	10			328							230	11	26	11.30
37	Zamfara	4,466,775	T	14			140							3889	19	232	5.97
	Total	191,843,149	36T=97%	357			9573				17			9740	108	602	6.18

SNO	State	Cholera							Measles						
		New			Cumulative Data Wk01-30				New			Cumulative Data Wk01-30			
		Cases	LabCfd	Deaths	Cases	LabCfd	Deaths	CFR	Cases	LabCfd	Deaths	Cases	LabCfd	Deaths	CFR
1	Abia				2				24			236			
2	Adamawa								15			648			
3	Akwa Ibom								3			43			
4	Anambra								9			261			
5	Bauchi								37			1730	13	5	0.29
6	Bayelsa								6			74			
7	Benue				2							229			
8	Borno								24			1398		9	0.64
9	Cross River				1				5			180			
10	Delta								2			77			
11	Ebonyi				9		4	44.44	6			100			
12	Edo								7			115	1		
13	Ekiti								10			468			
14	Enugu								3			147	3		
15	FCT				5				1			158	2		
16	Gombe				35				12			738		15	2.03
17	Imo								11			232			
18	Jigawa				17				14			625	3		
19	Kaduna				34				13			836	44	14	1.67
20	Kano				77				26		1	949		9	0.95
21	Katsina								33			574	3	1	0.17
22	Kebbi								8			463		1	0.22
23	Kogi								34			231			
24	Kwara	2			486	14	3	0.62				95			
25	Lagos				15	1	2	13.33				150			
26	Nasarawa								5			284			
27	Niger								4			207		4	1.93
28	Ogun								13			344			
29	Ondo				7				8			224	1		
30	Osun								14			339			
31	Oyo								14			420			
32	Plateau								38			378	20	2	0.53
33	Rivers								10			123			
34	Sokoto								28			1286		10	0.78
35	Taraba											171	1		
36	Yobe								5			618		13	2.10
37	Zamfara				228	4	14	6.14	7			456	17	6	1.32
	Total	2			918	19	23	2.51	449		1	15607	108	89	0.57

SNO	State	Lassa Fever							Guineaworm Disease						
		New			Cumulative Data Wk01-30				New			Cumulative Data Wk01-30			
		Cases	LabCfd	Deaths	Cases	LabCfd	Deaths	CFR	Cases	LabCfd	Deaths	Cases	LabCfd	Deaths	CFR
1	Abia														
2	Adamawa				6		2	33.33							
3	Akwa Ibom														
4	Anambra				1	1									
5	Bauchi				11	4	4	36.36	1			1			
6	Bayelsa														
7	Benue														
8	Borno														
9	Cross River				7		1	14.29							
10	Delta														
11	Ebonyi				4	1	1	25.00							
12	Edo	10	2		143	31	9	6.29							
13	Ekiti														
14	Enugu				1	1	1	100.00							
15	FCT				2										
16	Gombe				17		1	5.88							
17	Imo														
18	Jigawa				1										
19	Kaduna				1										
20	Kano				23	2	10	43.48							
21	Katsina				4										
22	Kebbi				1		1	100.00							
23	Kogi				3	1	1	33.33							
24	Kwara														
25	Lagos														
26	Nasarawa	1			29	6	2	6.90							
27	Niger														
28	Ogun				13	1									
29	Ondo				27	18	6	22.22							
30	Osun														
31	Oyo														
32	Plateau	1			27	9	7	25.93							
33	Rivers				6	1									
34	Sokoto														
35	Taraba				38	12	9	23.68							
36	Yobe				1		1	100.00							
37	Zamfara														
	Total	12	2		366	88	56	15.30	1			1			

SNO	State	HPAI							Other Diseases/Events							Remarks
		New			Cumulative Data Wk01-30				New			Cumulative Data Wk01-30				
		Cases	LabCfd	Deaths	Cases	LabCfd	Deaths	CFR	Cases	LabCfd	Deaths	Cases	LabCfd	Deaths	CFR	
1	Abia								1			3				
2	Adamawa											11		1	9.09	
3	Akwa Ibom											3				
4	Anambra															
5	Bauchi															
6	Bayelsa											7				
7	Benue											1				
8	Borno								8			105				
9	Cross River											54		8	14.81	
10	Delta															
11	Ebonyi											9				
12	Edo															
13	Ekiti											1				
14	Enugu															
15	FCT															
16	Gombe											6				
17	Imo											1				
18	Jigawa															
19	Kaduna											13				
20	Kano											1461				
21	Katsina											553	22			
22	Kebbi															
23	Kogi															
24	Kwara															
25	Lagos															
26	Nasarawa								10			576				
27	Niger											84		9	10.71	
28	Ogun															
29	Ondo															
30	Osun															
31	Oyo															
32	Plateau															
33	Rivers															
34	Sokoto															
35	Taraba											7		2	28.57	
36	Yobe															
37	Zamfara															
	Total								19			2895	22	20	0.69	

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

Source: Nigeria Centre for Disease Control, FMoH

Status of Report: T=Timely; L=Late; N=No Report