

SITUATION REPORT

Nigeria Centre For Disease Control (NCDC)

www.ncdc.gov.ng

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TITLE:	2017/2018 CEREBRO-SPINAL MENINGITIS OUTBREAK IN NIGERIA
SERIAL NUMBER:	6
EPI-WEEK:	4
DATE:	February 02, 2018

HIGHLIGHTS

- In response to CSM cases reported from some parts of the country since September 2017, the Nigeria Centre for Disease Control (NCDC) continues to coordinate response through its multi-agency CSM Emergency Operations Centre (EOC). This is the sixth situation report.
- Beginning from September 1, 2017 to February 02, 2018, a total of **536 suspected** cases have been reported from twelve States –Zamfara (272), Katsina (115), Sokoto (49), Jigawa (29), Bauchi (20), Cross River (17), Kebbi (12), Yobe (12), Kano (4), Borno (3), Adamawa (2) and Kaduna (1).
- Of the 536 suspected cases, 206 (38.4%) samples have been collected and tested. Of the 206 samples tested, 87 (42.2%) were positive for bacterial meningitis.
- Neisseria meningitides C (NmC) accounted for 62.1% (54) of the positive cases.**
- The first LGA that crossed the **alert threshold** was Bungudu in Zamfara state in Epi-week 51, 2017.
- So far, 82 deaths (CFR=15.30%) have been recorded among all suspected cases.
- In the last four weeks (Epi Wk 1 to Epi Wk 4), 3 wards in Zamfara State (Sankalawa and Kotorkoshi in Bungudu LGA and Zurmi in Zurmi LGA), one ward in Katsina State (Abadau Kagara in Batsari LGA) and Takwasa in Babura LGA in Jigawa State reached the **epidemic threshold**.
- Reactive vaccination in Kagara ward in Talata Mafara LGA, Zamfara State ended on 22nd January, 2018 attaining full coverage of the target population.
- Media messages have been developed and disseminated by conventional media and social media.
- The National Reference Laboratory continues confirmatory testing using PCR and is storing samples in its Biorepository.
- NPHCDA has completed a first ICG request for the wards in Zamfara state that have crossed epidemic threshold.

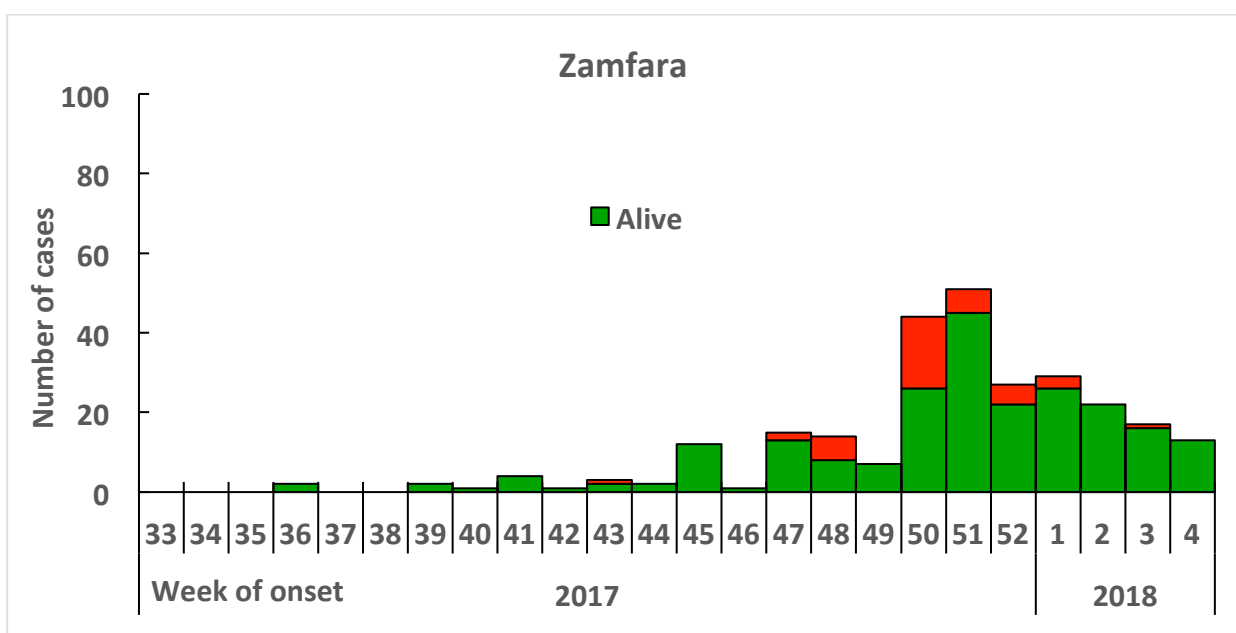
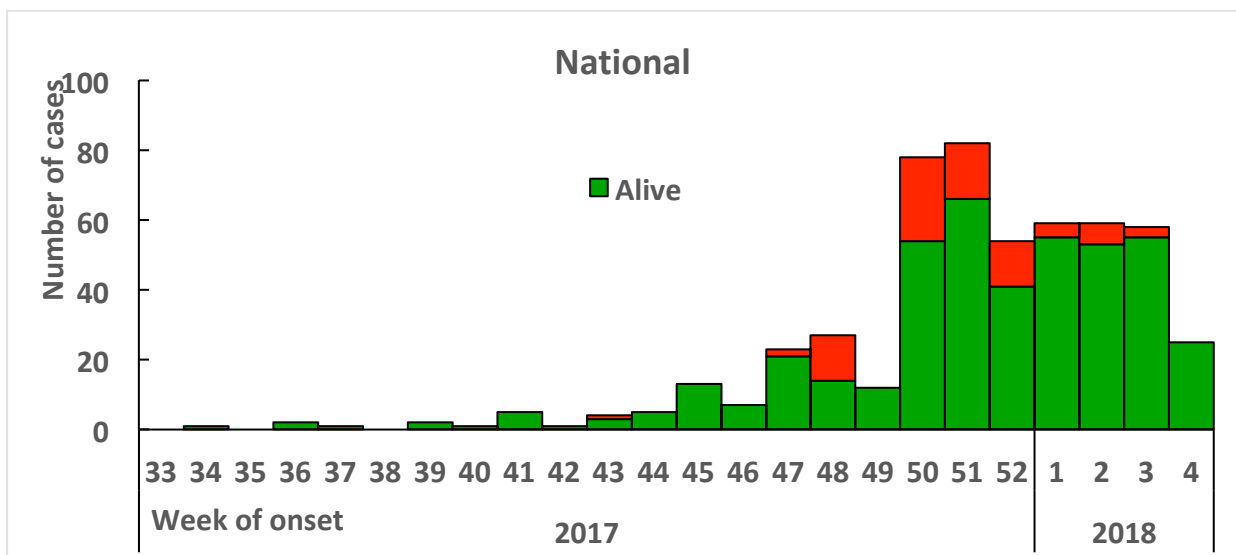
Key Indicators	Number
Total cases reported	536
Total Deaths	82
Confirmed cases	87
Total samples tested	206
States that have reported at least one suspected case	12
LGAs in Alert in the last four weeks (wk1 to wk4,2018)	3
LGAs in Epidemic in the last four weeks (wk51, 2017 to wk2,2018)	0
Cumulative LGAs ever in Epidemic	0



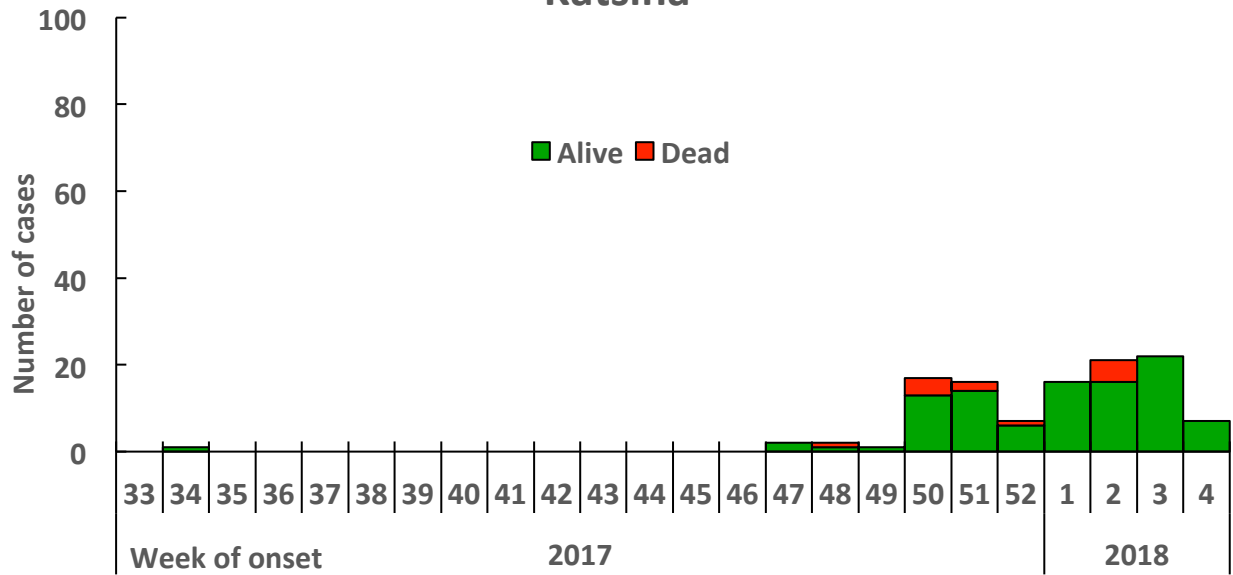
Outbreak Summary

- Between September, 2017(Epi-Wk 36) and January, 2018 (Epi-Wk 4), a total of 536 cases with 82 deaths (CFR=15.3%) have been reported.
- Of the reported cases, 206 (38.4%) were laboratory tested; of which 87 (42.2%) were confirmed positive for bacterial meningitis.
- NmC is the main circulating strain 54 (62.1%) amongst positive cases.
- The most affected group is 1-15 years (74.0%) with male to female ratio of 1.5:1.
- In the last four weeks, eight wards from seven LGAs in Zamfara State, four wards from four LGAs in Sokoto State, five wards from five LGAs in Katsina State, one ward from Yobe State reached the **alert threshold**.
- No LGA is currently in epidemic threshold.
- Outbreak investigation and control measures are being implemented in the affected states.

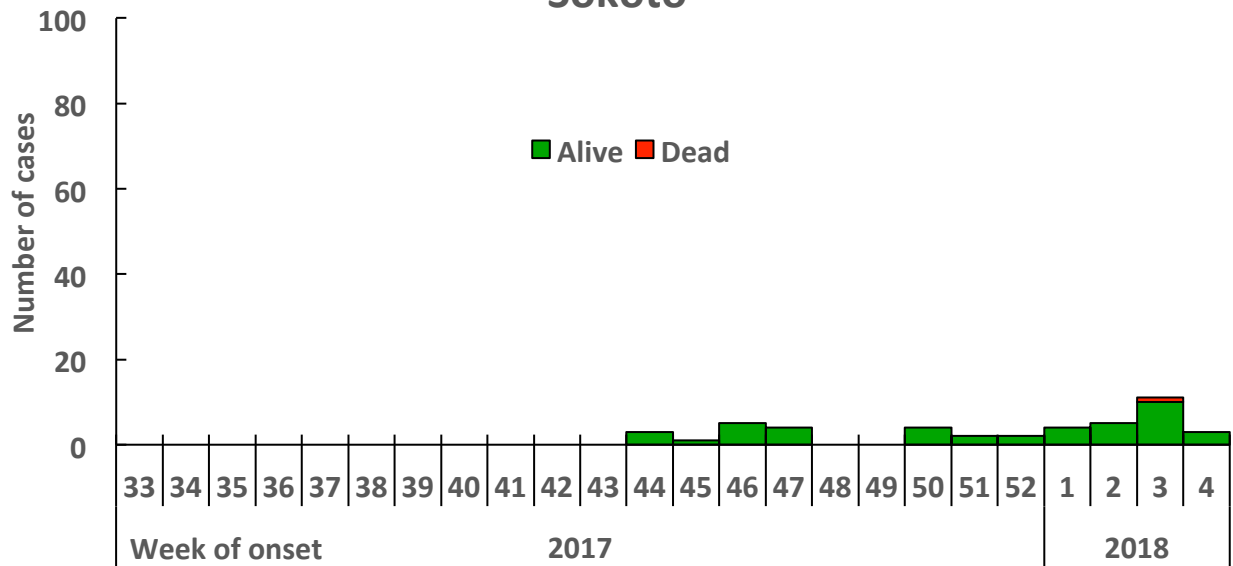
CSM Outbreak Epidemic Curves as at February 02, 2018, Nigeria

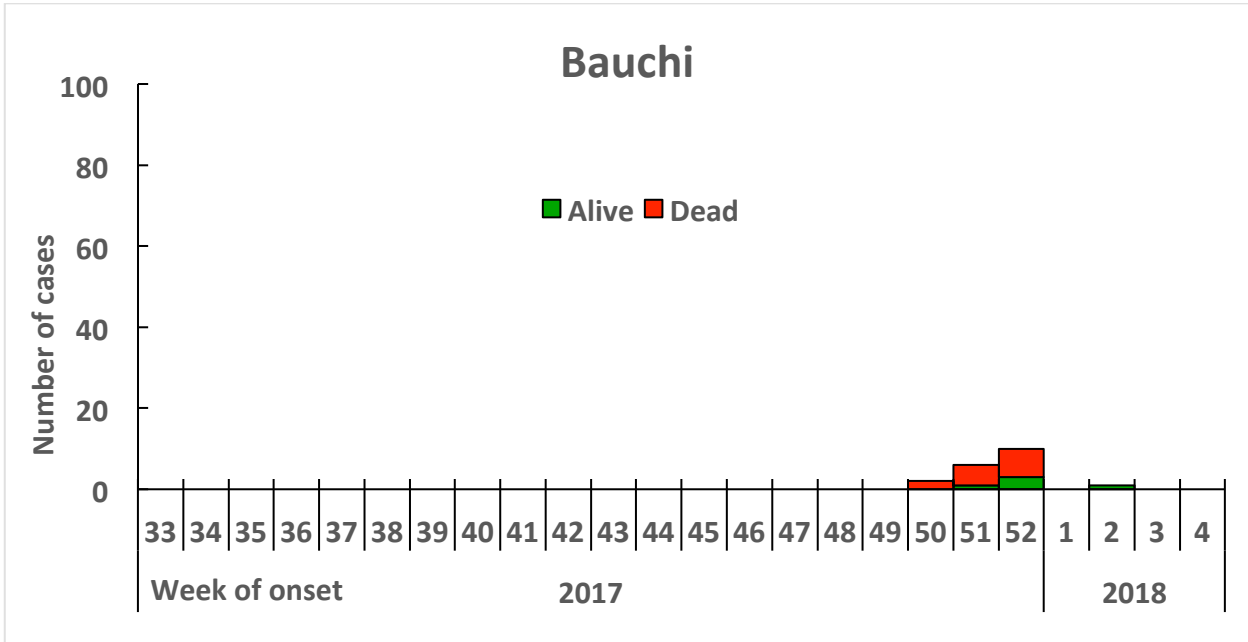
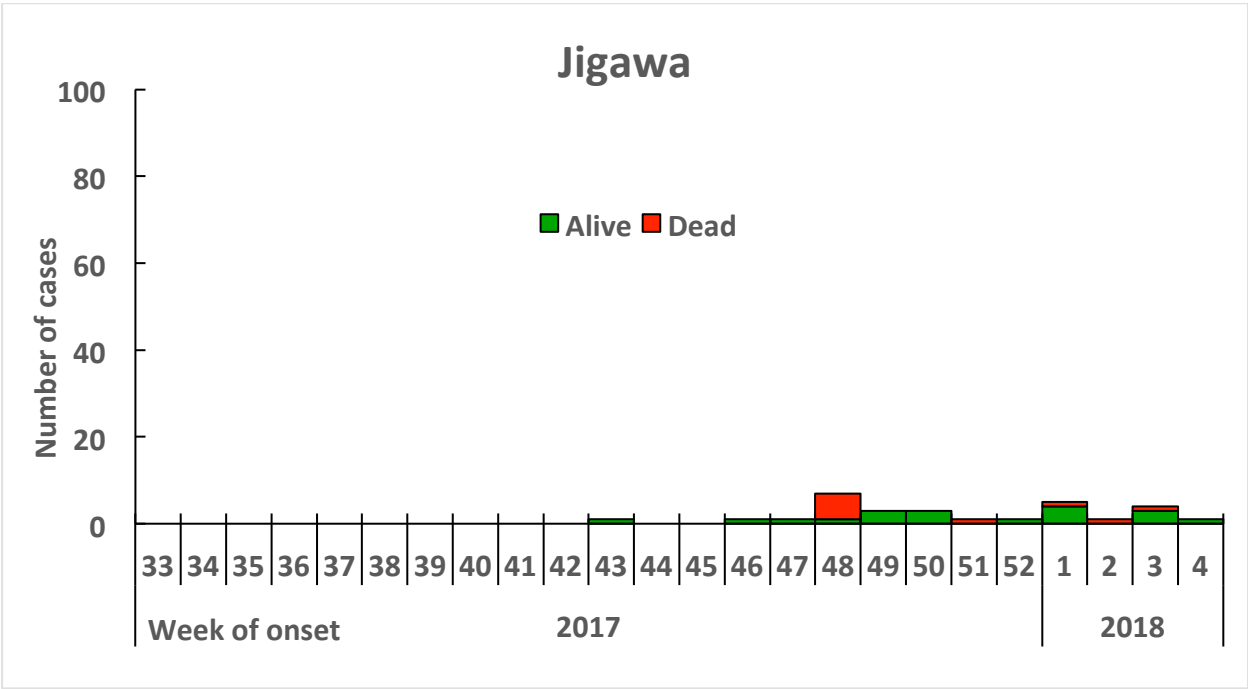


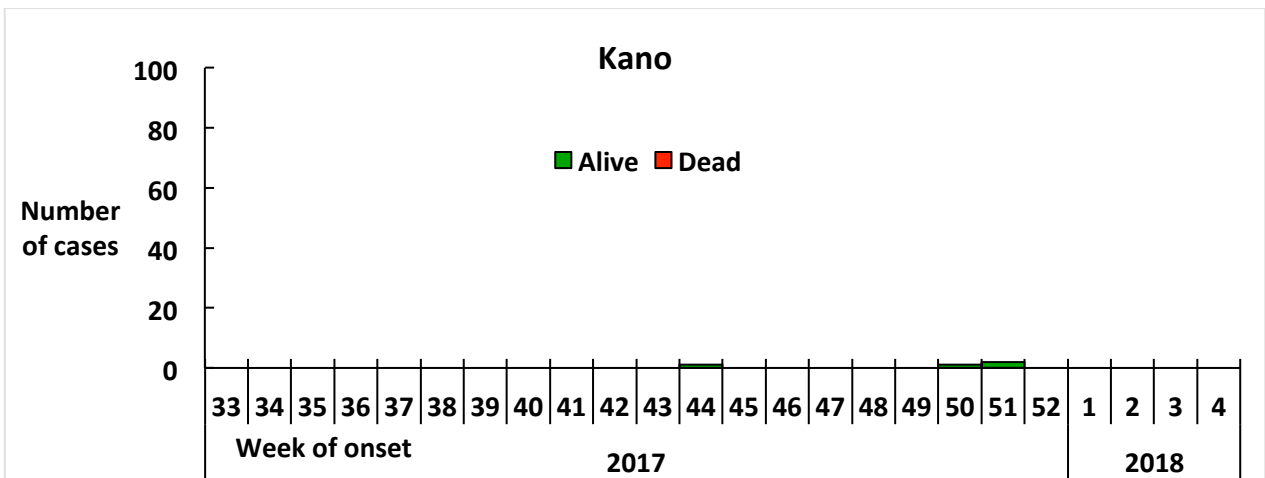
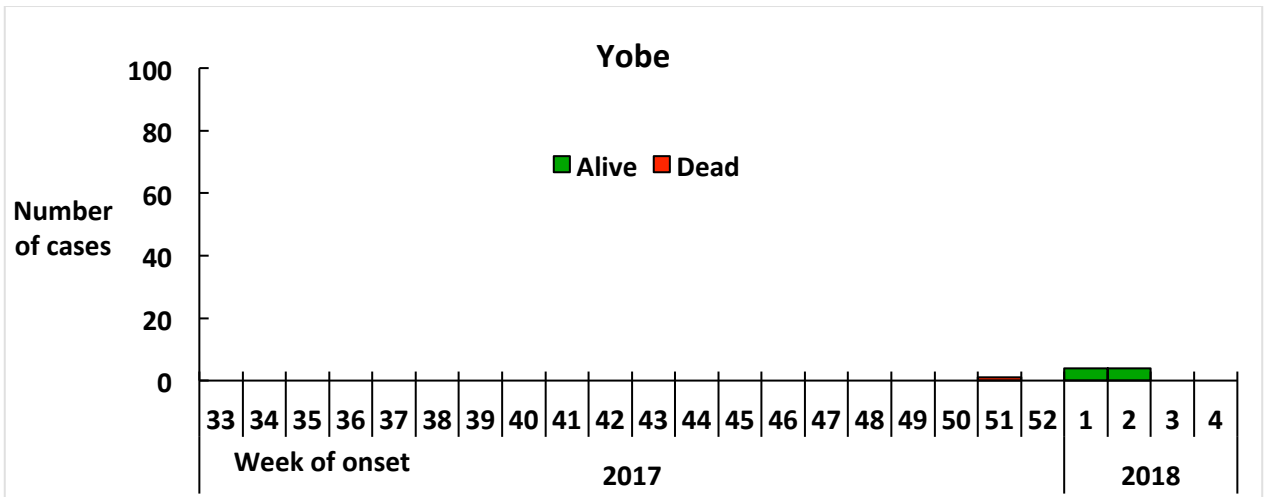
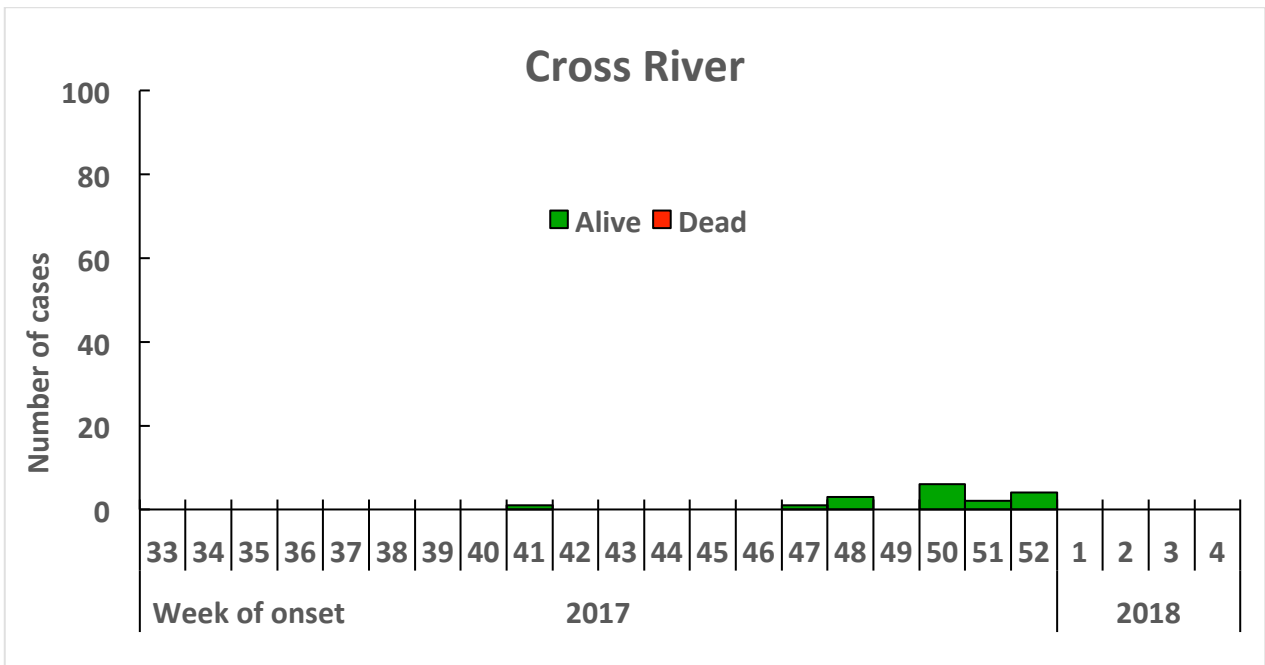
Katsina

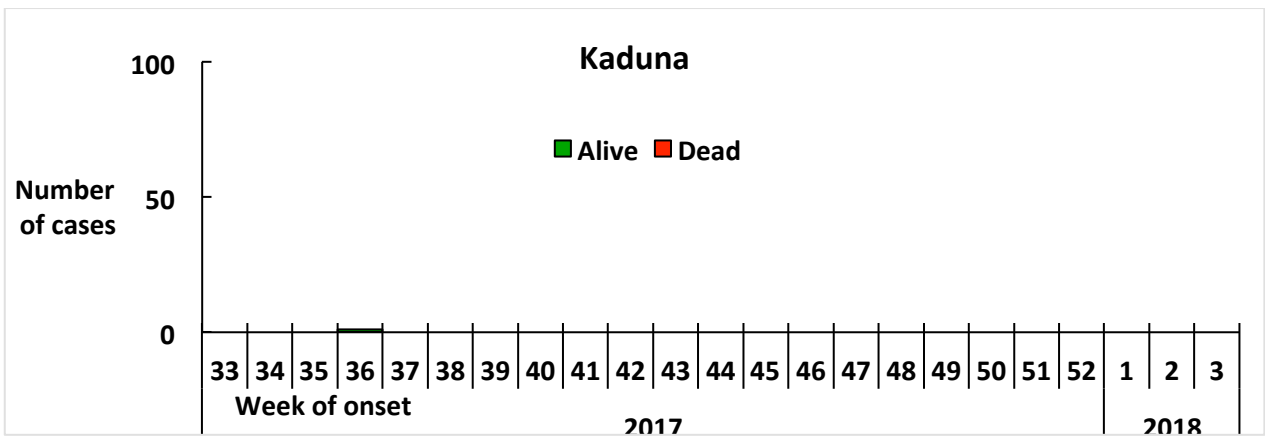
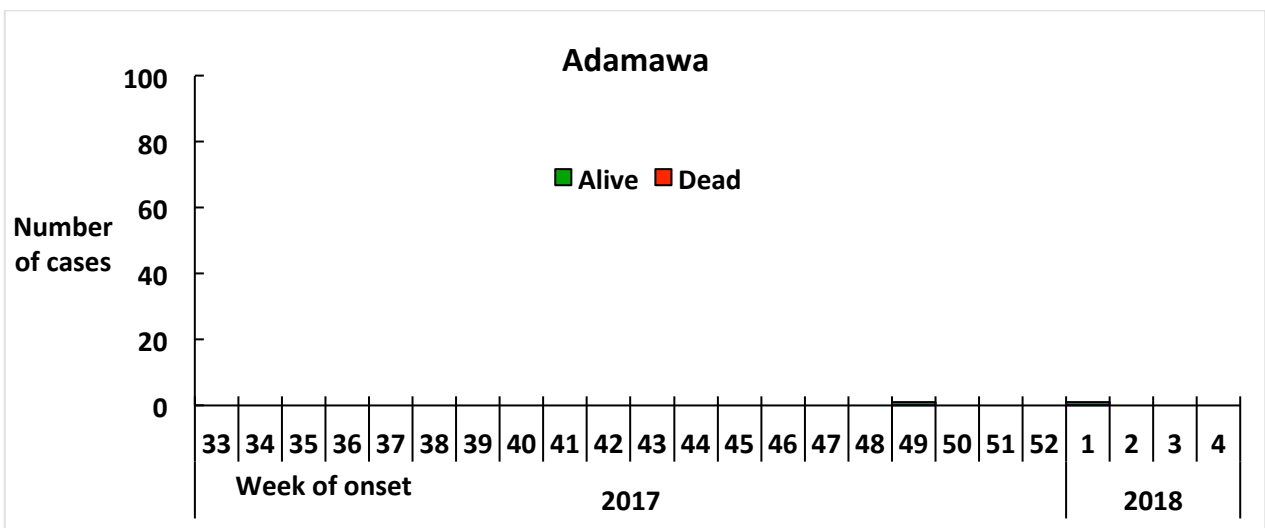
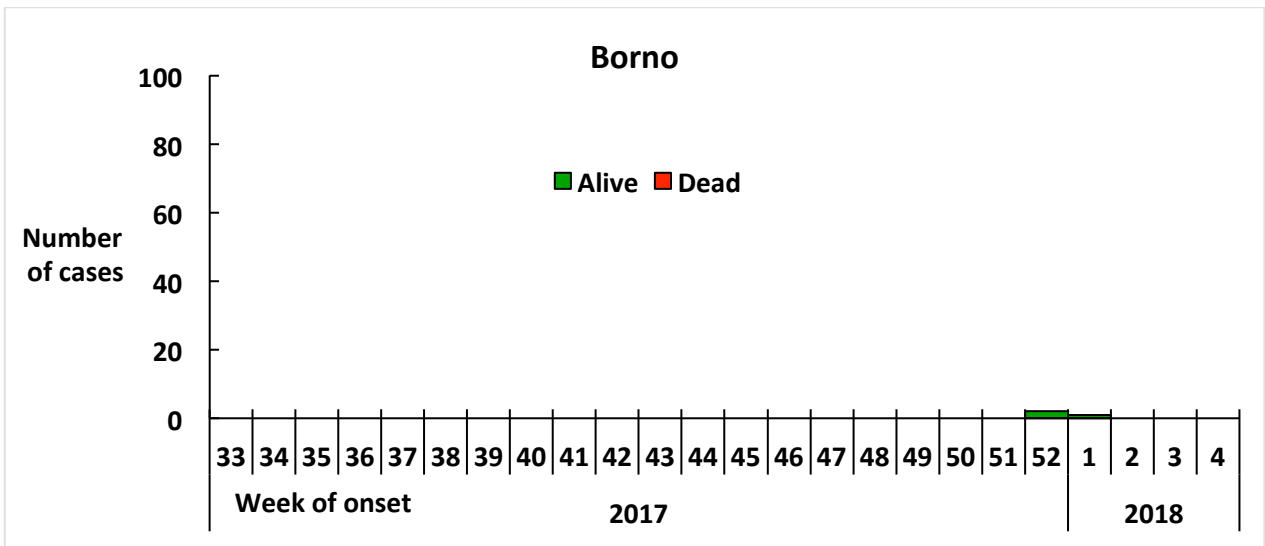


Sokoto

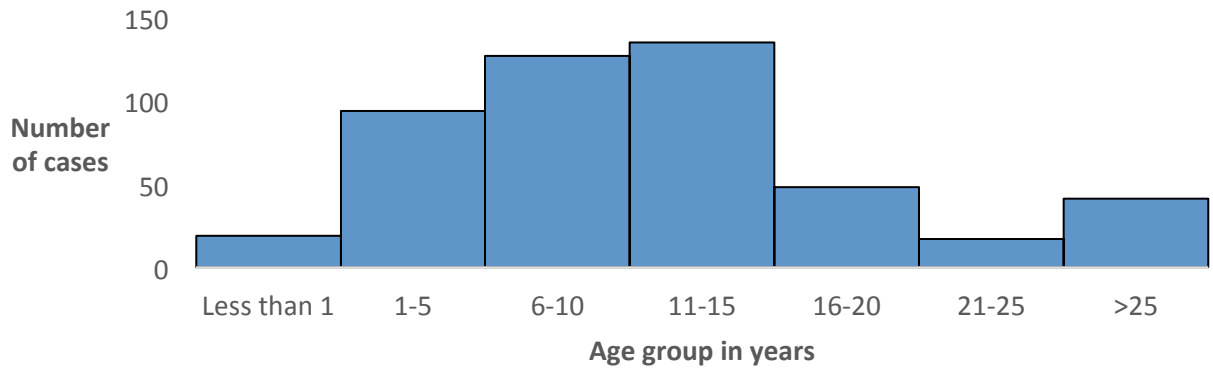








Age distribution of CSM cases in Nigeria as at 02 February, 2018



Distribution of cerebrospinal meningitis cases in Nigeria as at February 02, 2018

Dot map showing the distribution of CSM cases in Nigeria

