

SITUATION REPORT

Nigeria Centre For Disease Control (NCDC)

www.ncdc.gov.ng

PLOT 800 EBITU UKIWE STREET, JABI ABUJA, NIGERIA. TOLL FREE CALL: 0800-970000-10. E: info@ncdc.gov.ng



TITLE:	2017/2018 CEREBRO-SPINAL MENINGITIS OUTBREAK IN NIGERIA
SERIAL NUMBER:	5
EPI-WEEK:	3
DATE:	January 25, 2018

HIGHLIGHTS

- NCDC and partners are currently implementing the 2017/2018 preparedness and response plan through the multi-agency CSM Emergency Operations Centre (EOC). This is the fifth situation report.
- Isolated cases were detected from September 2017, and each followed up.
- Given the known epidemic season and increasing number of reported cases, a multi-agency CSM Emergency Operations Centre (EOC) was activated to **alert mode** on the 4th of December, 2017 (Week 49) to proactively coordinate response.
- Beginning from September 1, 2017 to January 25, 2018, a total of **481 suspected** cases have been reported from twelve States –Zamfara (257), Katsina (86), Sokoto (41), Jigawa (29), Bauchi (20), Cross River (17), Kebbi (12), Yobe (9), Kano (4), Borno (3), Adamawa (2) and Kaduna (1).
- Of the 481 suspected cases, 176 (36.6%) samples have been collected and tested. Of the 176 samples tested, 79 (44.9%) were positive for bacterial meningitis.
- *Neisseria meningitides C (NmC)* accounted for **63.3% (50) 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=17.0%) have been recorded among all suspected cases.
- In the last four weeks (Epi Wk 52 to Epi Wk 3), four wards in Zamfara State (Wonaka in Gusau LGA, Sankalawa and Kotorkoshi in Bungudu LGA and Zurmi in Zurmi LGA), one ward in Bauchi State (Madara Ward in Katagum 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.

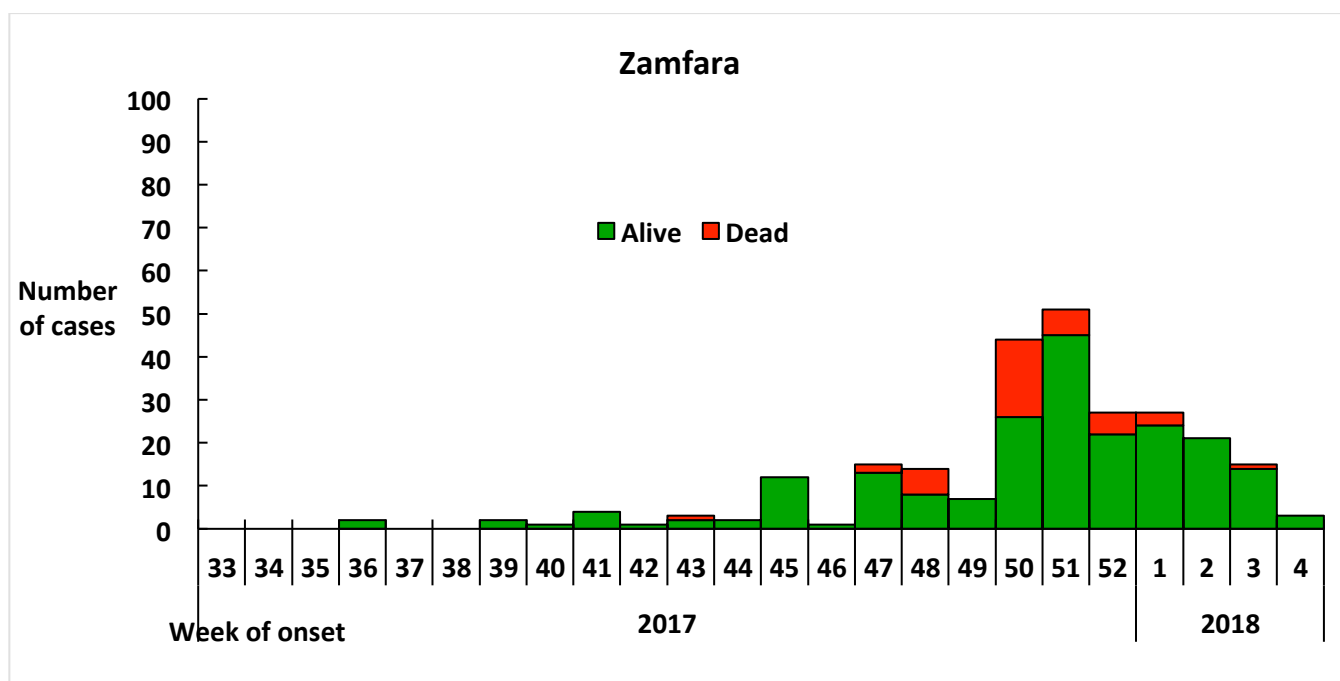
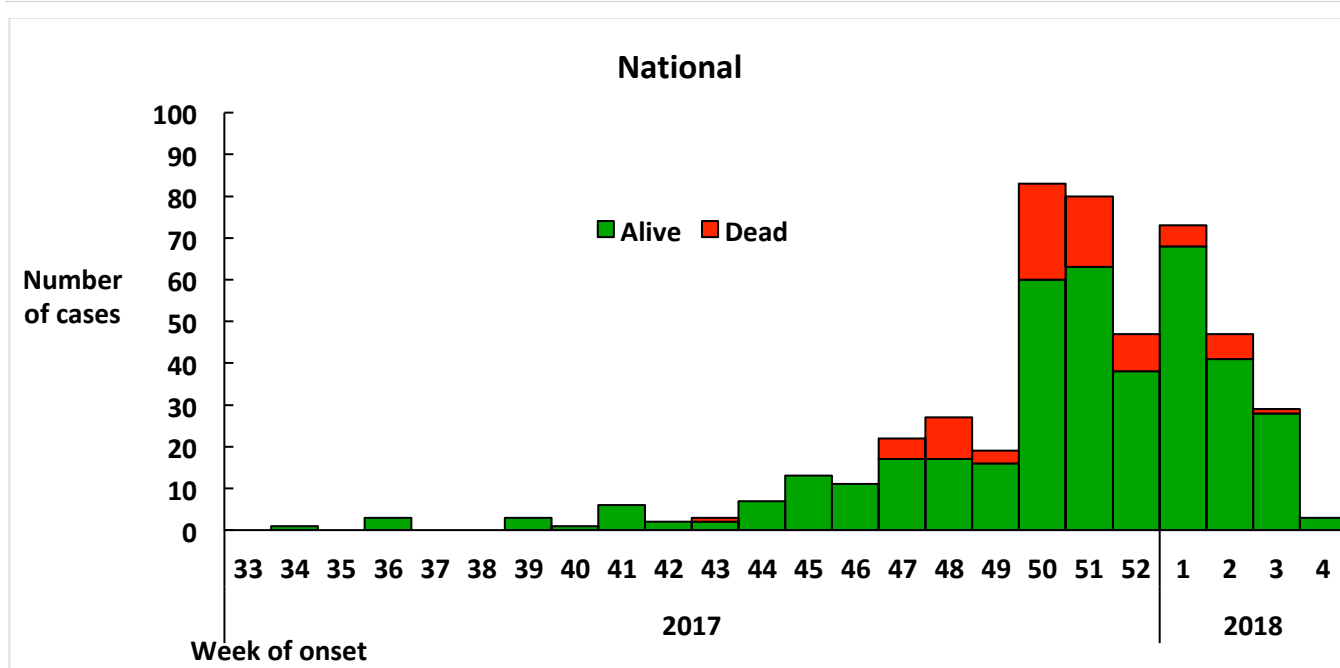
Key Indicators	Number
Total cases reported	481
Total Deaths	82
Confirmed cases	79
Total samples tested	176
States that have reported at least one suspected case	12
LGAs in Alert in the last four weeks (wk52, 2017 to wk3,2018)	2
LGAs in Epidemic in the last four weeks (wk51, 2017 to wk2,2018)	0
Cumulative LGAs ever in Epidemic	0



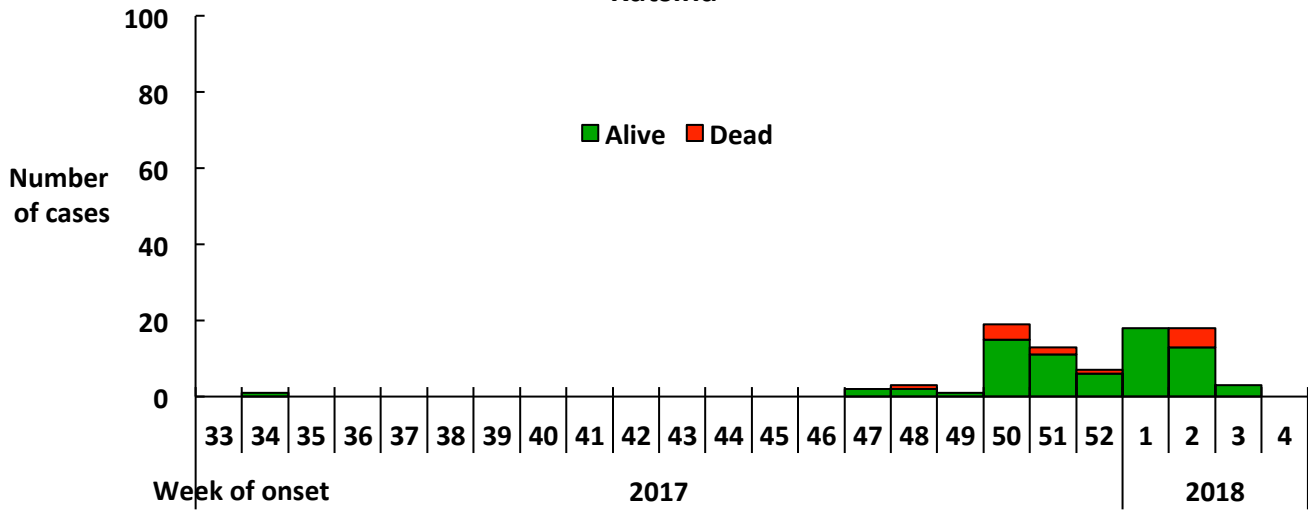
Outbreak summary

- Between September, 2017(Epi-Wk 36) and January, 2018 (Epi-Wk 3), a total of 481 cases with 82 deaths (CFR=17.0%) have been reported.
- Of the reported cases, 176 (36.6%) were laboratory tested; of which 79 (44.9%) were confirmed positive for bacterial meningitis.
- NmC is the main circulating strain 50 (63.3%) 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, three wards from three LGAs in Sokoto State, two wards from two LGAs in Katsina State, one ward each in Borno State and Yobe States reached the **alert threshold**.
- No LGA is currently in epidemic threshold.
- Outbreak investigation and control measures are being implemented in the affected states.

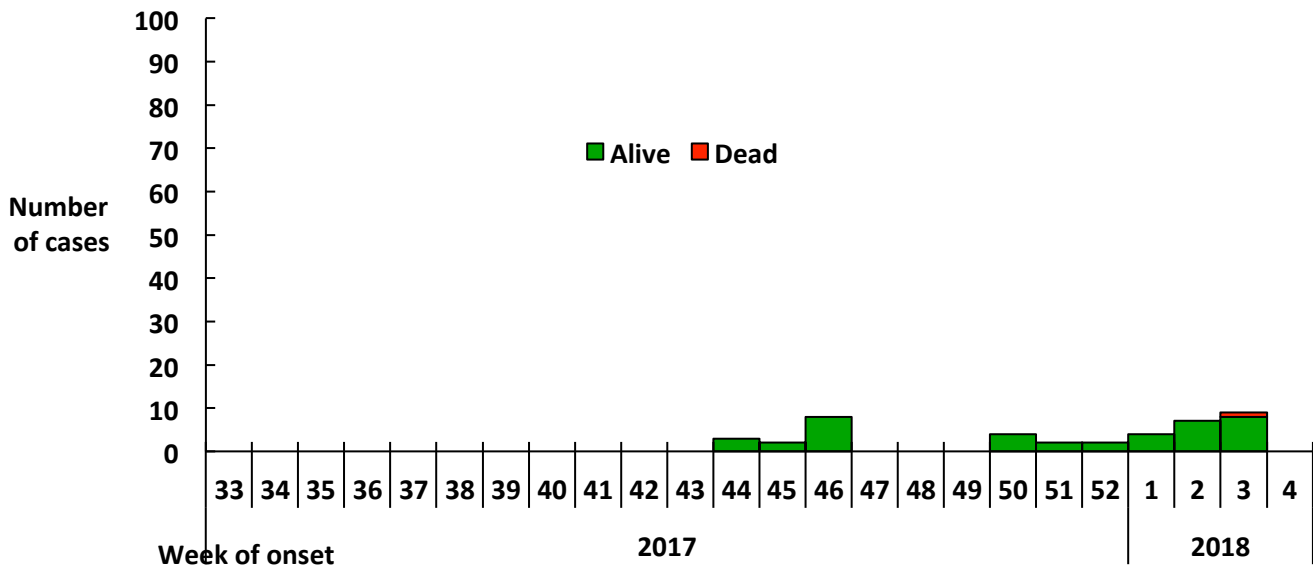
CSM Outbreak Epidemic Curves as at January 25, 2018, Nigeria

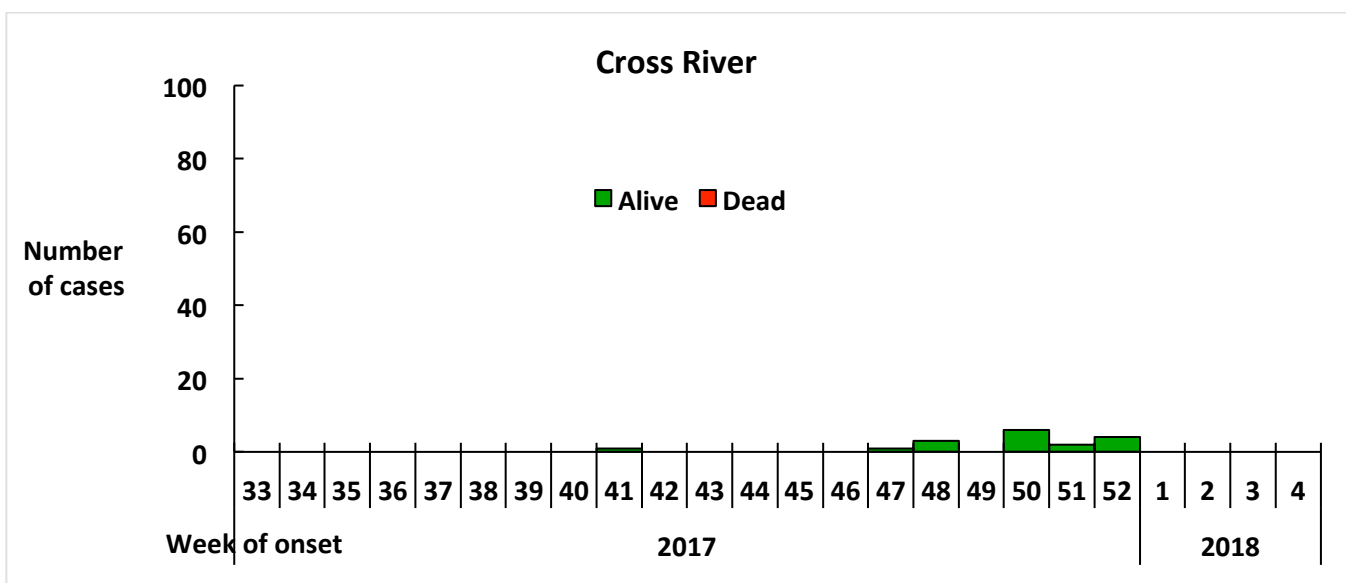
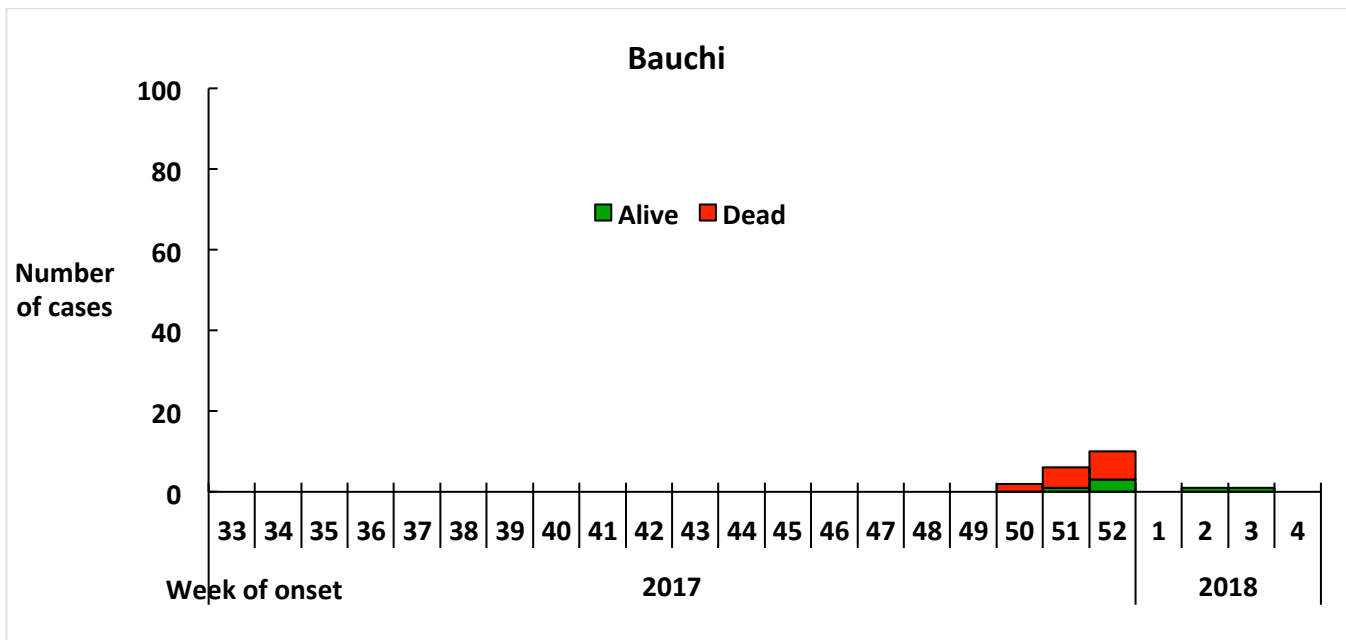
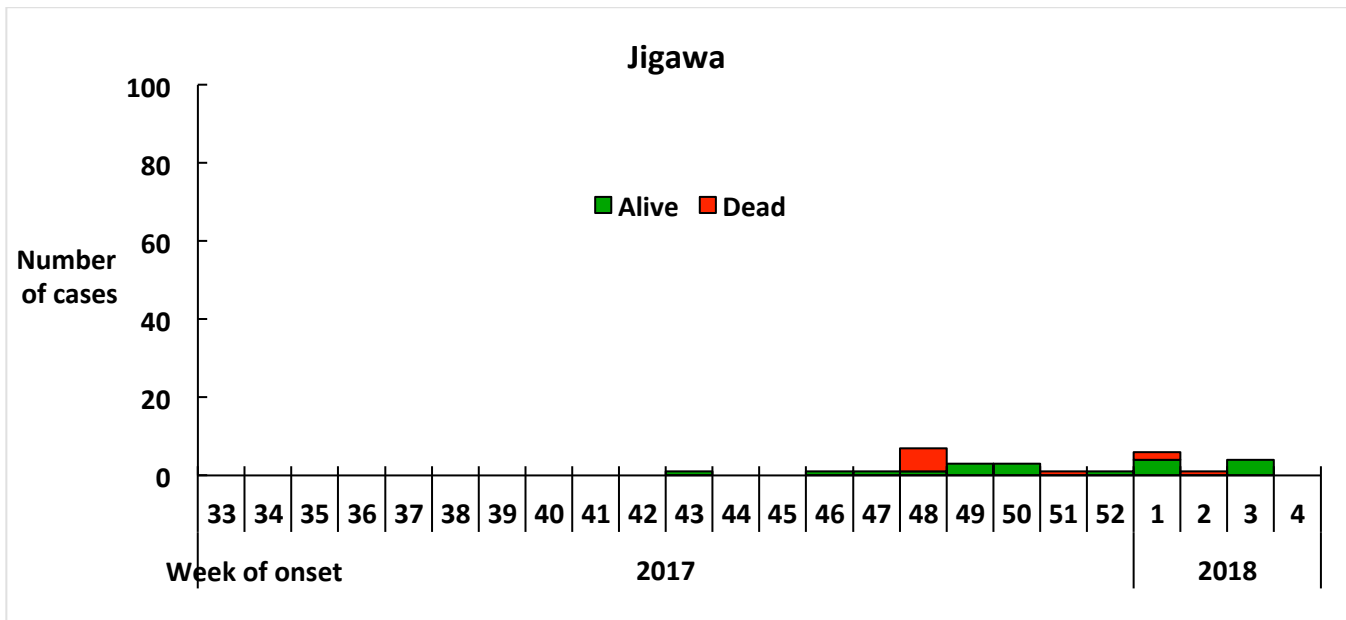


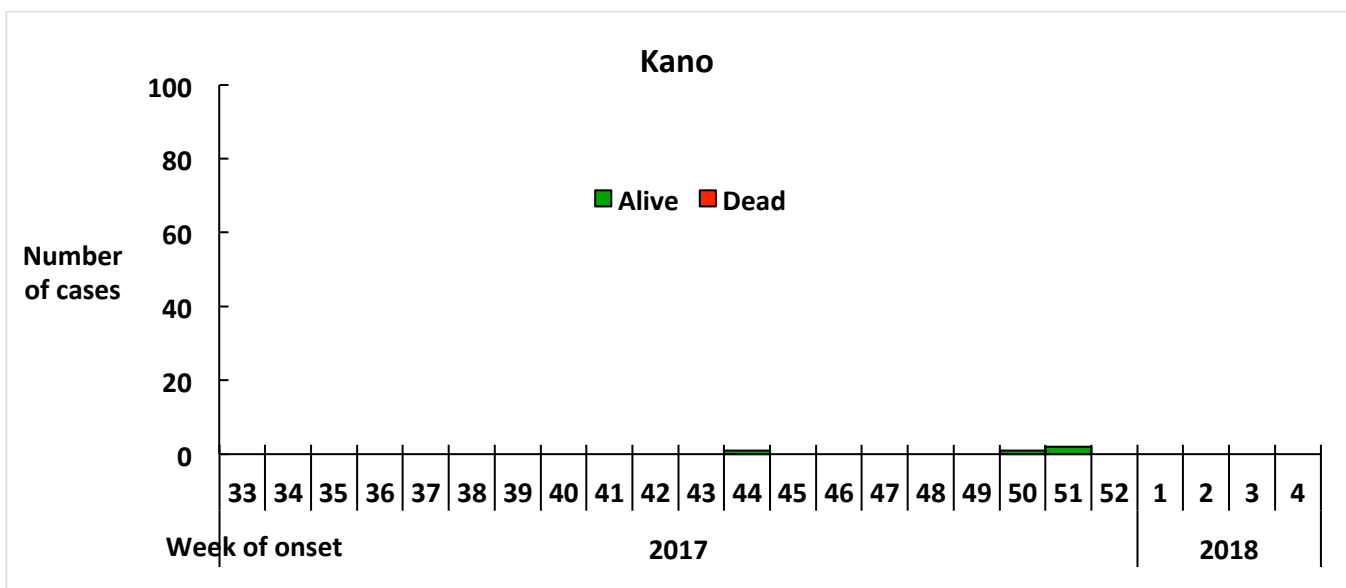
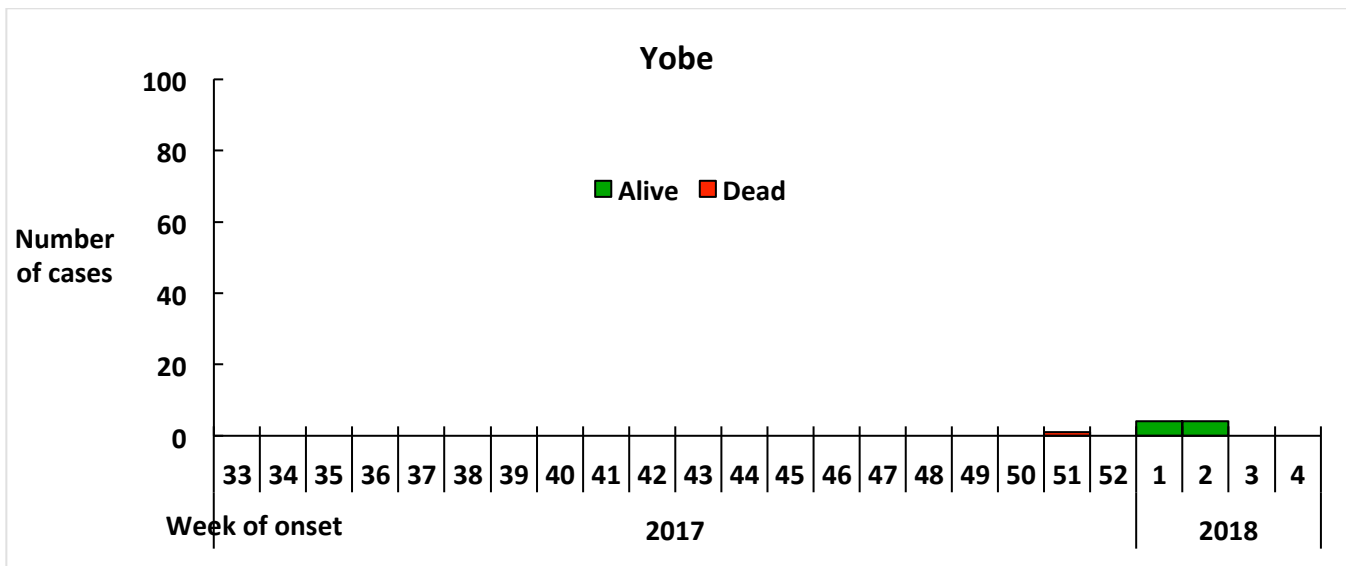
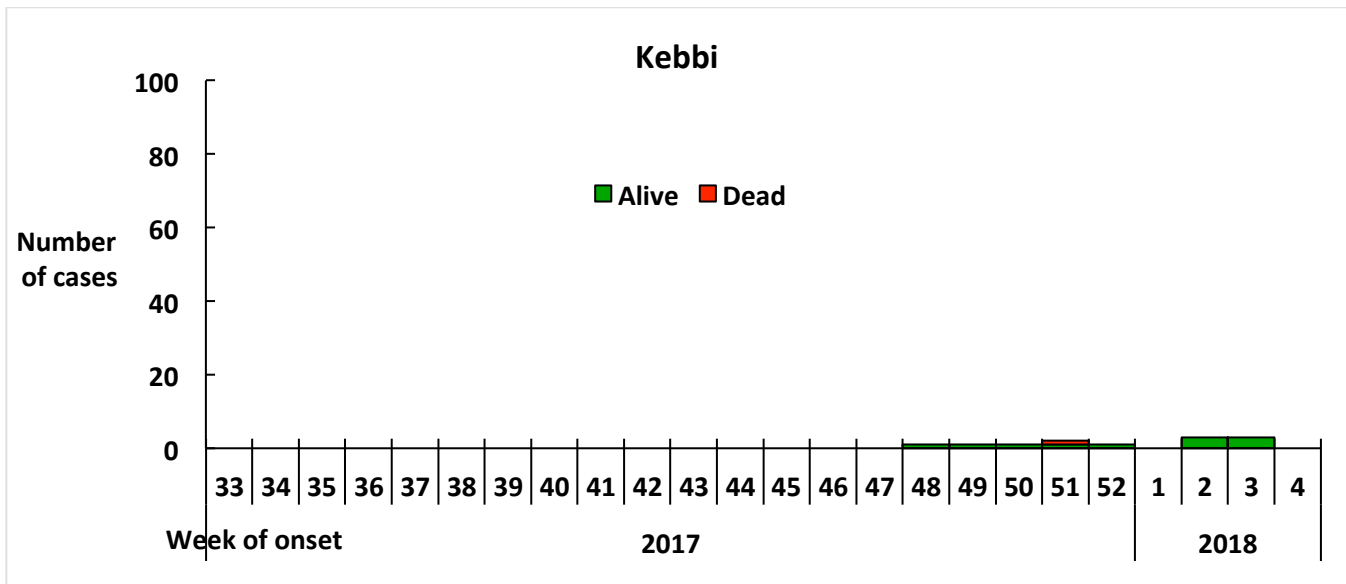
Katsina

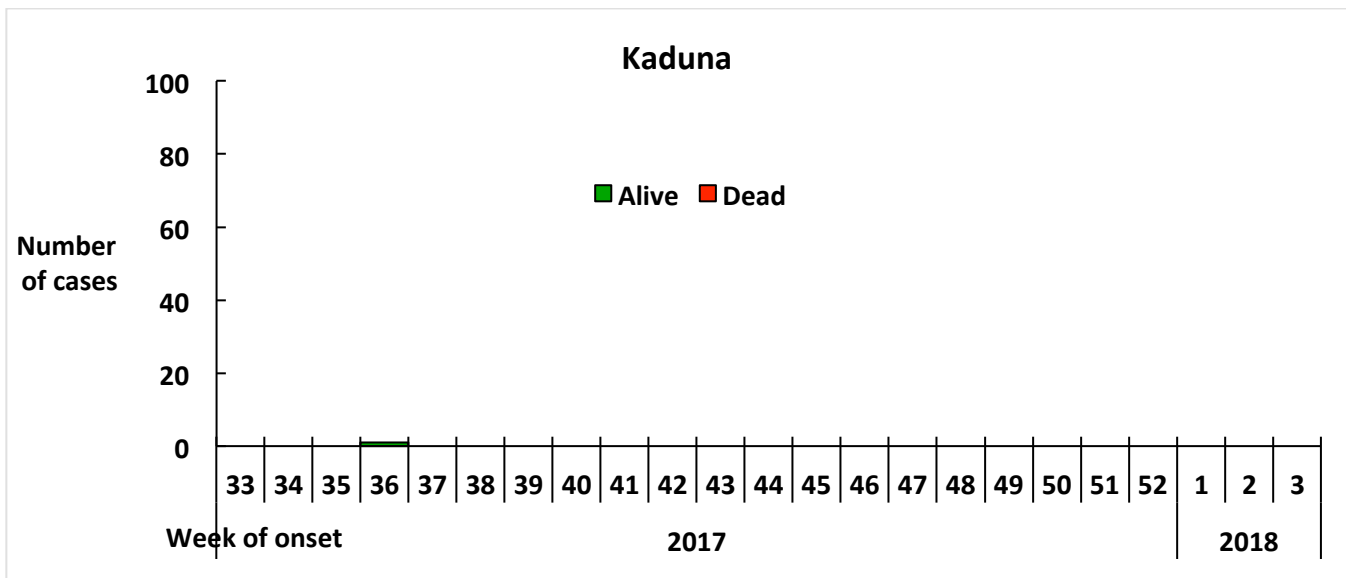
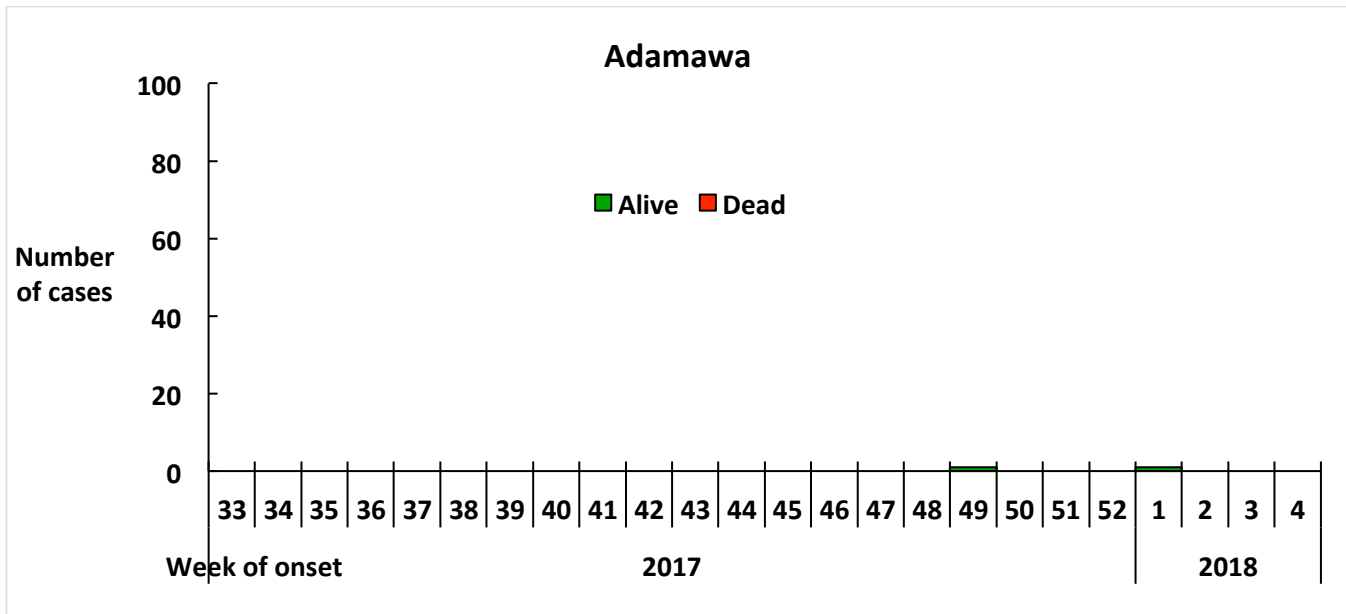
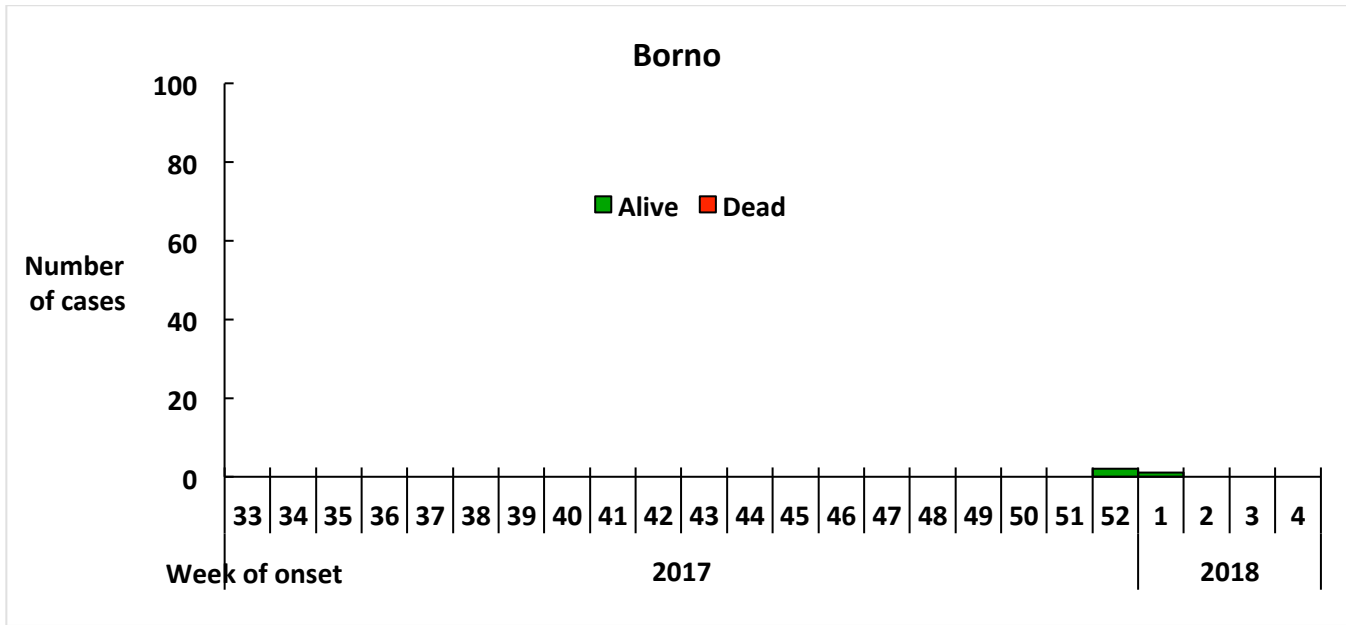


Sokoto

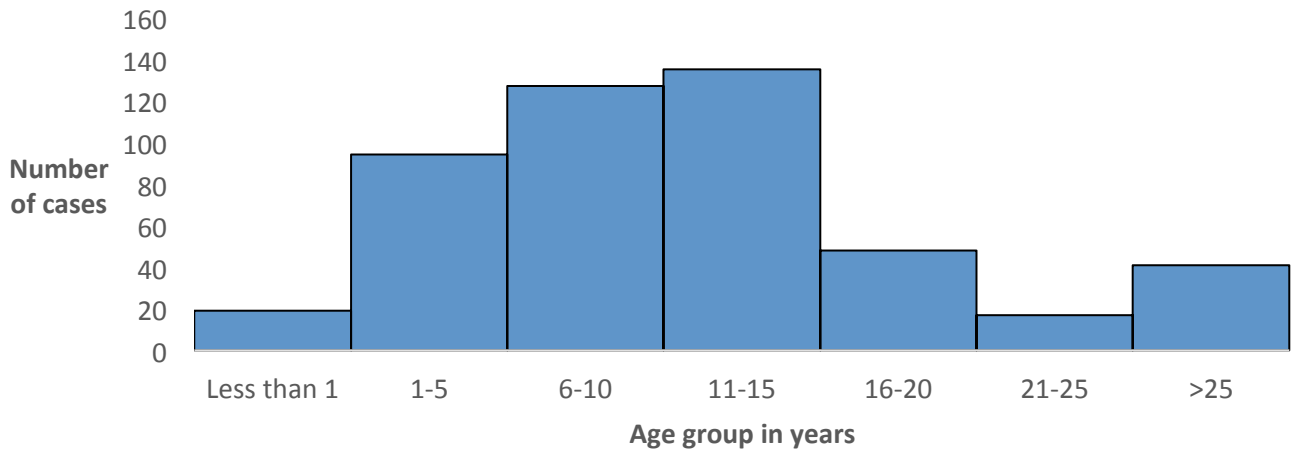




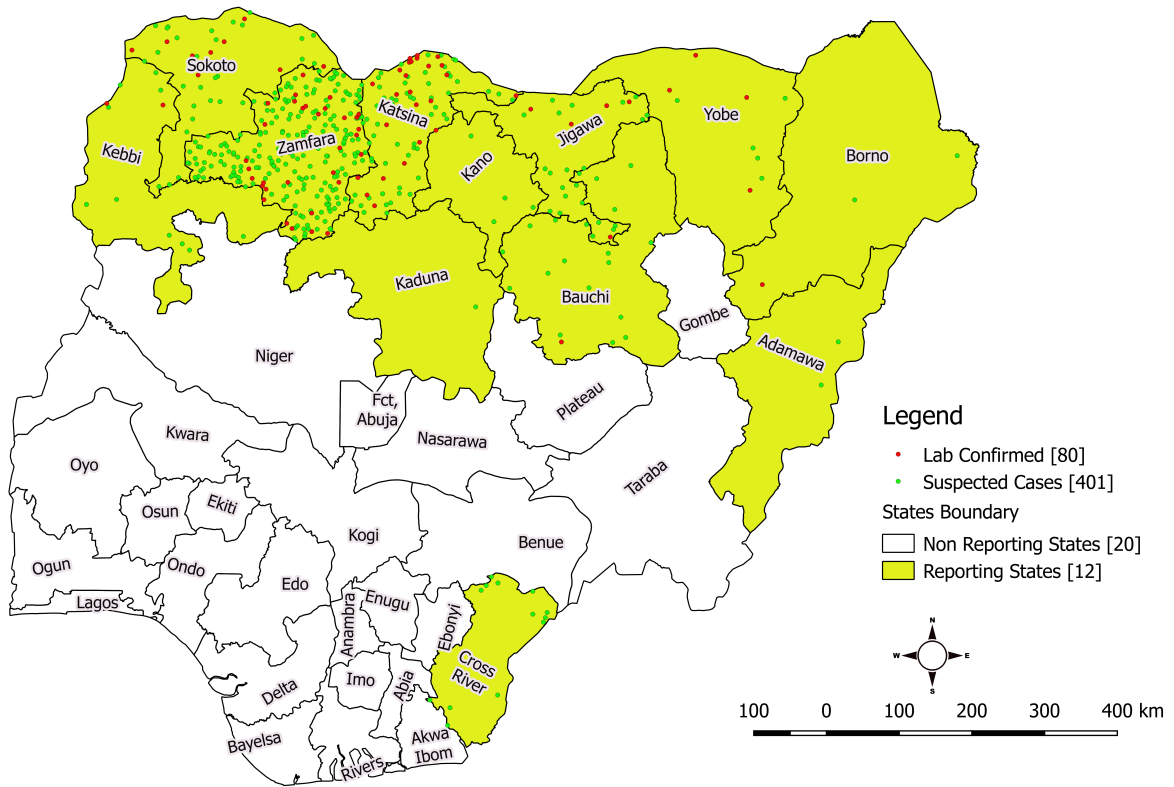




Age distribution of CSM cases in Nigeria as at 25th January, 2018



Distribution of cerebrospinal meningitis cases in Nigeria as at 25th January, 2018



Distribution of cerebrospinal meningitis cases at ward level showing cumulative thresholds from epi week 52, 2017 to epi week 3, 2018 in Nigeria

