

SITUATION REPORT

Nigeria Centre For Disease Control (NCDC)

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TITLE:	YELLOW FEVER OUTBREAK IN NIGERIA
SERIAL NUMBER:	005
EPI-WEEK:	47
DATE:	21 NOVEMBER, 2017

HIGHLIGHTS

- A Yellow fever outbreak is currently active in Nigeria with four states recording confirmed cases (Kwara, Kogi, Kano, and Zamfara). Kano state is a new state this week.
- However, total of fourteen states have reported suspected cases (Abia Borno, Kogi, Kwara, Kebbi, Plateau, Zamfara, Enugu, Oyo, Anambra, Edo Lagos, Kano and Nasarawa States).
- In the reporting week:
 - Kano State had one confirmed case among some delayed samples sent from the Kaduna Lab.
 - Nasarawa reported one presumptive positive case from Nasarawa LGA.
 - IP Dakar confirmed two more cases from Yagba East LGA in Kogi State.
 - An additional eight presumptive positive cases from Kogi State were shipped to IP Dakar.
- The outbreak started with a case of Yellow fever confirmed in Ifelodun LGA in Kwara State, Nigeria on September 12th, 2017.
- The index case was a seven-year-old girl who presented with fever, jaundice and vomiting of blood, with no record of previous vaccination and no history of recent travel.
- As at 21st November, 2017, a total of 276 suspected YF cases have been line-listed (Table 1)
- Of these, 133 (48.2%) suspected cases had their blood samples collected and sent to the laboratory for confirmation of YF.
- Of the 133 samples collected, 66 (49.6%) had tested positive for Yellow fever and 1 (0.8%) inconclusive result in five Nigerian laboratories.
- As at 21st November 2017, thirty samples (44.8%) samples out of the 67 (positive and inconclusive) samples in Nigeria were confirmed positive by the Dakar Laboratory, twenty-three (34.3%) were negative and 14 (20.9%) results are being awaited. Male to female ratio is about 2:1 with one hundred and eighty five (67.0%) cases been males for all cases while among the confirmed, 63.3% were males
- Predominant age groups affected were 20yrs and below accounting for 65.9%
- Total number of deaths (among suspected, probable and confirmed cases) is 45, and 7 among confirmed cases
- Case fatality rate (CFR) for all cases (including suspected, probable and confirmed) is 16.3% and 23.3% for confirmed cases.

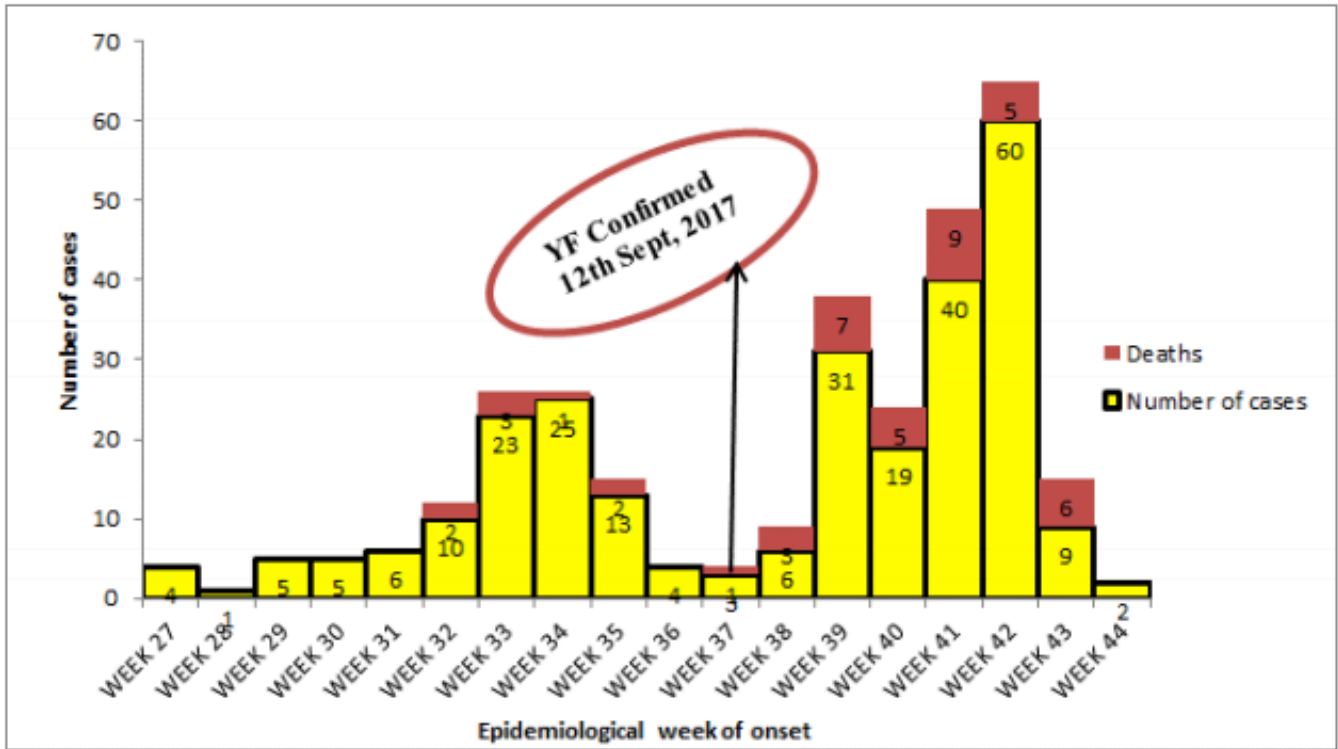


Figure 1: Epidemic curve suspected / confirmed cases of Yellow fever in Nigeria 21st November, 2017

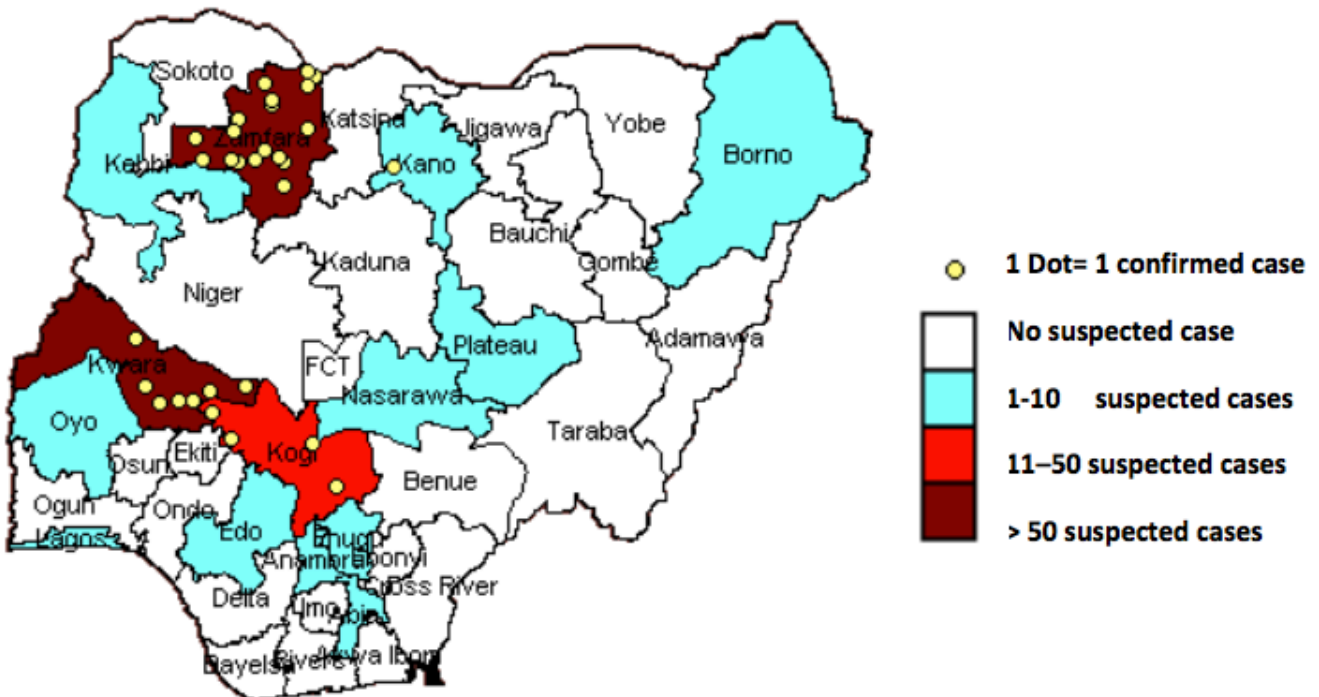


Figure 2: Map of Nigeria showing states with suspected/confirmed cases of Yellow fever, 21st November 2017