

SITUATION REPORT

Nigeria Centre For Disease Control (NCDC)

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TITLE:	YELLOW FEVER OUTBREAK IN NIGERIA
SERIAL NUMBER:	007
EPI-WEEK:	49
DATE:	5th December, 2017

HIGHLIGHTS

- A Yellow fever outbreak is currently active in Nigeria with four states recording confirmed cases (Kwara, Kogi, Kano, and Zamfara).
- However, a total of sixteen states have reported suspected cases (Abia, Borno, Kogi, Kwara, Kebbi, Plateau, Zamfara, Enugu, Oyo, Anambra, Edo, Lagos, Kano, Nasarawa, Katsina and Niger States) in 37 Local Government Areas.
- In the reporting week,
 - **Three presumptive positive samples were recorded (Niger 2 from Borgu LGA and Kogi 1 from Dekina LGA)**
 - Borno State reported one suspected case that tested negative in a Nigeria Lab
 - Seven suspected cases were reported from three states (Kogi 4, Kwara 1 and Zamfara 2). Samples were collected and sent to the laboratory.
 - No result(s) this week from IP Dakar.
- The outbreak started with a case of Yellow fever confirmed in Ifelodun LGA in Kwara State, 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 5th December, 2017, a total of 337 suspected YF cases have been line-listed (Table 1)
- Of these 337 suspected cases, 199 (59.1%) suspected cases had their blood samples collected and sent to the laboratory for confirmation of YF.
- Of the 199 samples collected, **71 (35.7%) had tested positive for Yellow fever and 1 (0.5%) inconclusive result in five Nigerian laboratories.**
- As at 5th December, 2017, **30 samples (41.7%) samples out of the 72 (positive and inconclusive) samples in Nigeria were confirmed positive by the Dakar Laboratory, 23 (31.9%) were negative and 19 (26.4%) results are being awaited.**
- Predominant age groups affected were 20 years and below accounting for 67.1%
- 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 13.6% and 23.3% for confirmed cases.

EPI- SUMMARY

Table 1: Showing all affected states and cases with Yellow fever as at 5th December, 2017

State	Abia	Borno	Kogi	Kwara	Plateau	Zamfara	Kebbi	Ebonyi	Oyo	Anambra	Edo	Lagos	Kano	Nasarawa	Katsina	Niger	Total
Total Number of cases in the linelist	1	2	32	108	2	127	1	1	1	1	1	1	55	1	1	2	337
Number of LGAs affected	1	1	8	8	1	8	1	1	1	1	1	1	1	1	1	1	37
Number of LGAs with confirmed cases	0	0	2	2	0	4	0	0	0	0	0	0	1	0	0	0	9
Number tested in Nigeria	1	2	15	71	2	44	1	1	1	1	1	1	54	1	1	2	199
Number Positive in Nigeria	1	1	13	12	2	31	1	1	1	1	1	1	1	1	1	2	71
Number with inconclusive result	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total number of samples sent to Dakar	1	1	13	13	2	31	1	1	1	1	1	1	1	1	1	2	72
Number positive in Dakar	0	0	4	7	0	18	0	0	0	0	0	0	1	0	0	0	30
Total number negative in Dakar	1	1	0	6	2	9	0	1	1	1	1	0	0	0	0	0	23
Number awaiting result from Dakar	0	0	9	0	0	4	1	0	0	0	0	1	0	1	1	2	19
Number of deaths from all cases	0	0	3	16	0	26	0	0	0	0	0	0	0	0	0	0	45
Number of deaths from Dakar confirmed	0	0	2	0	0	5	0	0	0	0	0	0	0	0	0	0	7

CFR for all cases = 13.6%: CFR for Dakar positive confirmed

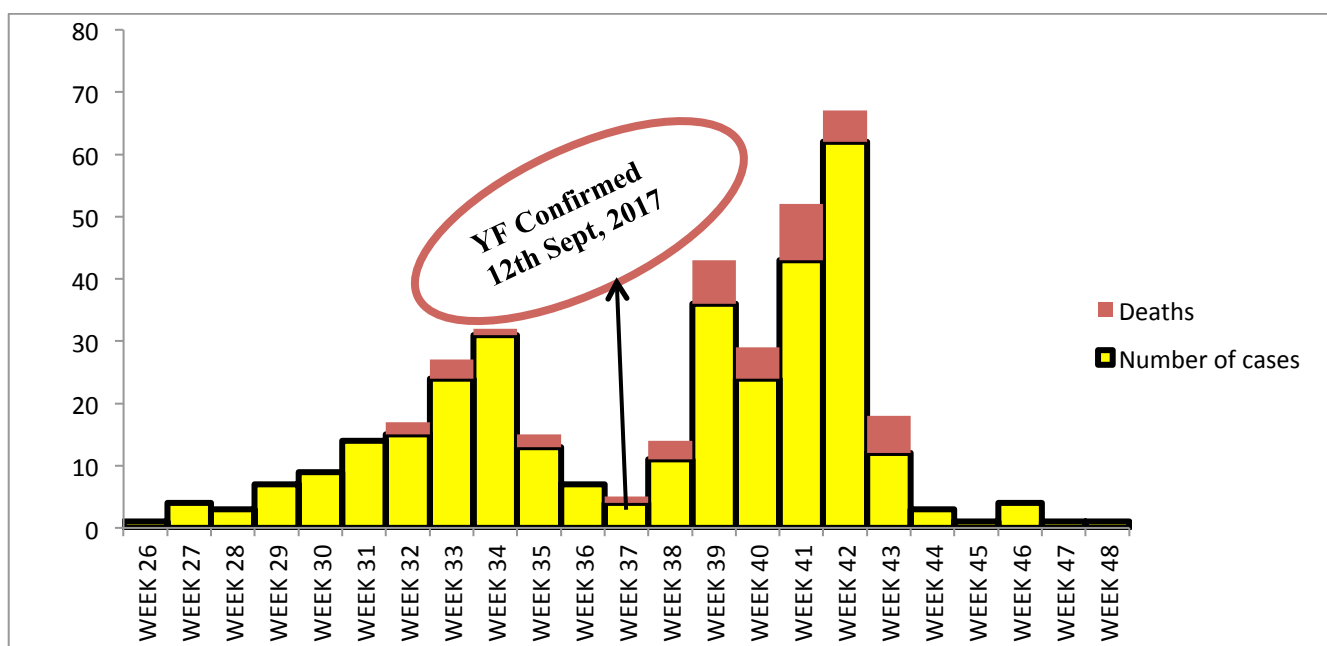


Figure 1: Epidemic curve of suspected / confirmed cases of Yellow fever in Nigeria as at 5th December, 2017

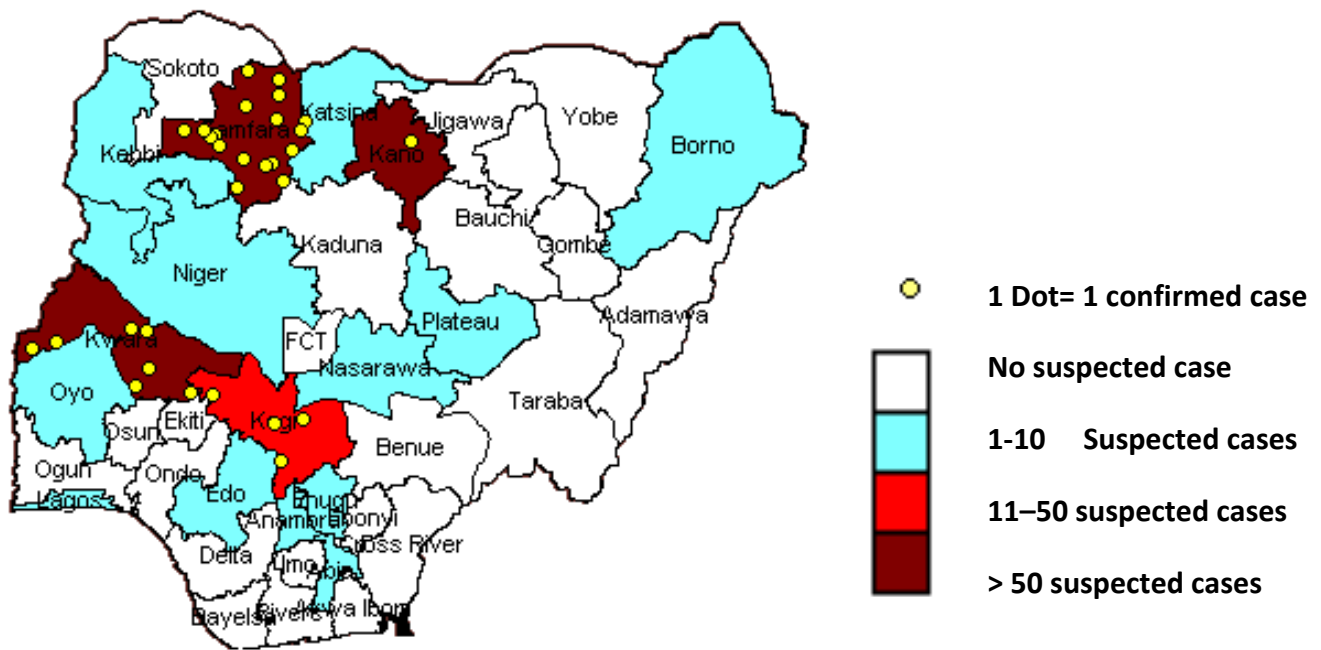


Figure 2: Map of Nigeria showing States with suspected/confirmed cases of Yellow fever, as at 5th December, 2017