



SITUATION REPORT

Nigeria Centre For Disease Control (NCDC)

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TITLE:	YELLOW FEVER OUTBREAK IN NIGERIA
SERIAL	032
NUMBER:	
EPI-WEEK:	38
DATE:	17 th September – 23 rd September, 2018

HIGHLIGHTS

In this reporting week 17th September – 23rd September, 2018:

- There were 86 suspected cases added to the national line-list
- Three presumptive positive cases and one inconclusive case were reported from three of the diagnostic laboratories
- The NCDC Central Public Health Laboratory (CPHL) reported one inconclusive from Anambra, (Anambra West LGA),
- Maitama District Hospital (MDH) laboratory reported one presumptive positive case from FCT (Abaji Area Council).
- Kaduna Yusuf Dansoho Memorial Hospital (YDMH) reported two presumptive positive cases from [Kebbi -1 (Yauri LGA) and Zamfara – 1 Maru LGA)].
- The last Institut Pasteur Dakar (IP Dakar) confirmed case from Nigeria was on 6th June, 2018 from Rivers State
- A three year 2019-2021 Yellow fever (YF) Preventive Mass Vaccination Campaign (PMVC) proposal plan developed

SUMMARY OF OUTBREAK

- A yellow fever outbreak is currently active in Nigeria. Confirmed cases have been recorded in eleven States (Kwara, Kogi, Kano, Zamfara, Kebbi, Nasarawa, Niger, Katsina, Edo, Ekiti and Rivers States): in 22 Local Government areas (LGAs) [Table 1]
- Since the beginning of the outbreak, 138 samples (presumptive positive and inconclusive) in 68 LGAs have been sent to IP Dakar for re-confirmation [Figure 1]
- All Nigerian states have reported suspected cases in 555 (71.7%) LGAs
- From the onset of this outbreak in September 12, 2017, a total of 3,101 suspected yellow fever cases have been line-listed as at week 38 [17 September 23rd September, 2018 (Table 1)].
- Of the 3010 suspected cases, 2,846 (91.8%), had blood samples collected and sent to the Nigerian testing laboratories for confirmation
- Of the 2,846 samples collected, **120 (4.2%) tested positive for yellow fever (presumptive positive cases) and 18 (0.6%) inconclusive results in six Nigerian laboratories** (Table 1)
- Of the 138 (presumptive positive and inconclusive) samples in Nigeria, 47 (34.1%) samples have been confirmed positive by IP, Dakar. 77 samples were negative. Awaiting results of thirteen samples from IP Dakar [Table 1].

- Of all suspected, probable and confirmed cases, the number of deaths is 51.10 deaths have been recorded among confirmed cases only. The case fatality ratio (CFR) for all cases (including suspected, probable and confirmed) is 1.6%, and 21.3% for confirmed cases.
- Predominant age groups affected among the suspected cases are 20 years and below (children and younger adults) accounting for 1933 (62.3%) [Male 1,176 (37.9%): Female 757 (24.4%)]
- Median age is 15 years (range 1 92 years)
- Male to female ratio is 1.4 to 1 [Male 1,734 (57.5%), Female 1,281 (42.5%)]
- Predominant age groups affected among the confirmed cases are 20 years and below (children and younger adult) accounting (62.3%)
- o Among the confirmed cases, male to female ratio is 1.8:1 (male 63.8%, female 36.2%)
- Yellow fever vaccination campaigns have been successfully completed in six states
- Nasarawa, Cross River, Akwa Ibom; Kogi, Kwara and Zamfara and in fifty-eight political wards in 25 LGAs in Borno State
- 2018 phase 2b PMVC to be implemented from 22nd November 1st December, 2018 in Sokoto, Kebbi, Niger, FCT, Plateau and some LGAs in Borno States. Target population 9 months to 44 years.

EPI- SUMMARY

Table 1: Showing all affected states and cases with Yellow fever as at week 38 (16th September – 23rd September), 2018

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 | Rivers | Sokoto | Imo | Delta | Jigawa
 | Akwa Ibom | Ebonyi | Ekiti | FCT | Ogun | OpuQ
 | Osun | Benue | Adamawa | Bauchi | Gombe | Taraba
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CFR for all cases = 1.6%, among the Presumptive/inconclusive cases 10.1% and among IP Dakar confirmed cases 21.3%

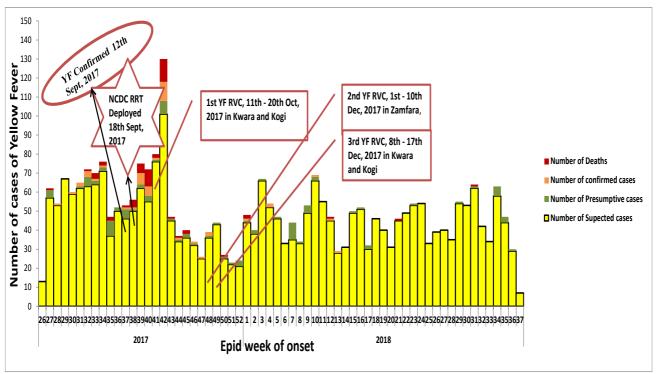


Figure 1: Epidemic curve of suspected / confirmed cases of yellow fever in Nigeria as at week 38 (16th September – 23rd September), 2018

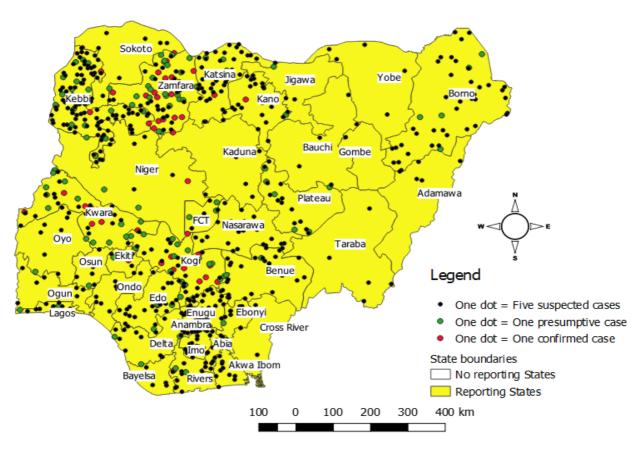


Figure 2: Map of Nigeria showing states with suspected/presumptive/confirmed as at week 38 (16^{th} September – 23^{rd} September), 2018