HIGHLIGHTS

• In this reporting month of April, 2019:
  o Three hundred and thirty two (332) suspected cases were recorded.
  o Three (3) new presumptive positive cases were recorded
    ▪ NCDC Central Public Health Laboratory (CPHL) reported 1 new presumptive positive case from Imo State - (Orsu LGA)
    ▪ Yusuf Danshoho Memorial Hospital (YDMH) Kaduna reported 1 presumptive case - case from Kebbi - (Arewa Dandi LGA)
    ▪ Gombe Specialist Hospital (GSH) Gombe reported 1 presumptive case from -(Gombe LGA)
  o Three new confirmed cases from the Institute Pasteur (IP) Dakar from Edo State - (Uhunmwode -2, Ikpoba-Okha -1).
  o Last IP Dakar confirmed cases were reported 18th April, 2019
  o Nineteen States (19) have recorded at least one confirmed case from Institute Pasteur (IP) Dakar since the onset of the outbreak in 2017
  o Yellow fever response activities are being coordinated by the Yellow Fever Technical Working Group (YF TWG).

• From 1st January – 30th April, 2019:
  o 930 suspected cases have been reported in 447 (57.8%) LGAs.
  o All suspected cases reported had blood samples collected.
  o 35 presumptive positive and twelve inconclusive cases from 12 states in 32 LGAs: Table 1
  o 12 confirmed cases were reported from 2019 samples sent to Institute Dakar [Edo (7) confirmed and 1 inconclusive) Ondo (2), Imo (1) and Osun (1)]
  o One death of suspected yellow fever case has been recorded from Adamawa
  o Case fatality rate (CFR) is 0.11%
  o Rapid response teams have been deployed to Abia, Imo and Osun States.

SUMMARY OF OUTBREAK 2017-2018

A yellow fever outbreak has been active in Nigeria since September, 2017:
• From 2017 to 2018, 163 cases were confirmed in 17 States: Kwara (8), Kogi (12), Kano (1), Zamfara (19), Kebbi (7), Nasarawa (3), Niger (1), Katsina (2), Edo (90), Ekiti (2), Rivers (1), Anambra (1), FCT (11), Benue (1), Delta (1), Ondo (2) and Abia (1): in 52 Local Government areas (LGAs).

• From September 2017 to December 2018, 283 samples (presumptive positive - 246 and inconclusive - 37) were sent to IP Dakar for re-confirmation.

• All Nigerian states (36 + FCT) reported 4,132 suspected cases in 616 (79.6%) LGAs.

• Of all suspected, probable and confirmed cases, 90 deaths were recorded with 31 deaths among confirmed cases.

• The case fatality ratio (CFR) for all cases (suspected, probable and confirmed) is 2.2%, and 19.0% for confirmed cases.

• Yellow Fever preventive mass vaccination campaigns (PMVC) have been completed in 12 states, led by NPHCDA:
  o 2013 PMVC phase 1 Nasarawa, Cross River, Akwa Ibon.
  o 2018 Phase 2a: Kogi, Kwara and Zamfara and in 58 political wards in 25 LGAs in Borno State.
  o 2018 phase 2b PMVC: Sokoto, Kebbi, Niger, FCT, Plateau and Borno (3 LGAs (Askira/Uba, Chibok, Konduga) States.
  o Yellow fever Reactive vaccination campaigns were implemented in Katsina (Danja LGA), Edo (13) LGAs and Benue (Vandekeiya)
  o 2019 phase 3 PMVC will be implemented in all LGAs where no YF campaigns have been implemented in Edo, Ekiti, Katsina and Rivers States

EPI- SUMMARY

1: Showing All Affected States and Cases with Yellow Fever as at Week 18, 30th April, 2019

![Figure 1: Epidemic Curve of All Cases of Yellow Fever in Nigeria as at Week 18, 30th April, 2019](image-url)

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Figure 2: Trend of Confirmed Cases of Yellow Fever in Nigeria 2017 – 2019

Figure 3: Map of Nigeria Showing States with Suspected/Presumptive/Confirmed Cases as at Week 18, 30th April, 2019
Figure 5: Map showing States that implemented PMVC/proposed PMVC from 2019-2021