

# WEEKLY DIPHTHERIA SITUATION REPORT

Epi-Week 51, 2023

As of 24<sup>th</sup> December 2023



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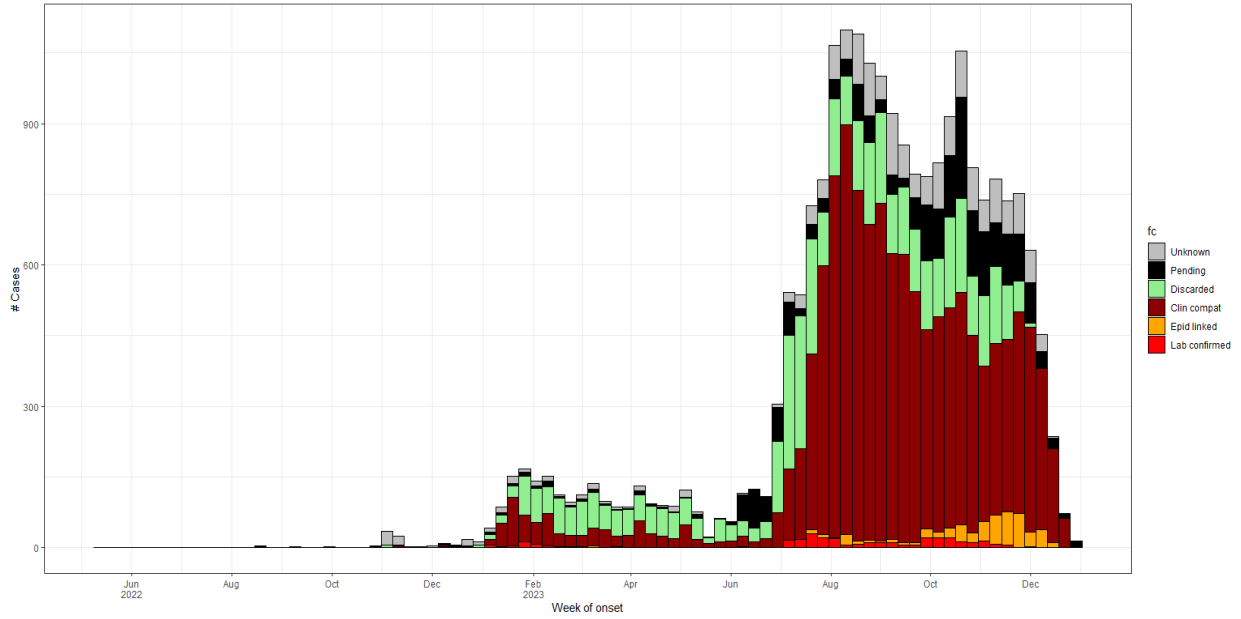
## HIGHLIGHTS

### In epi-week 51, 2023

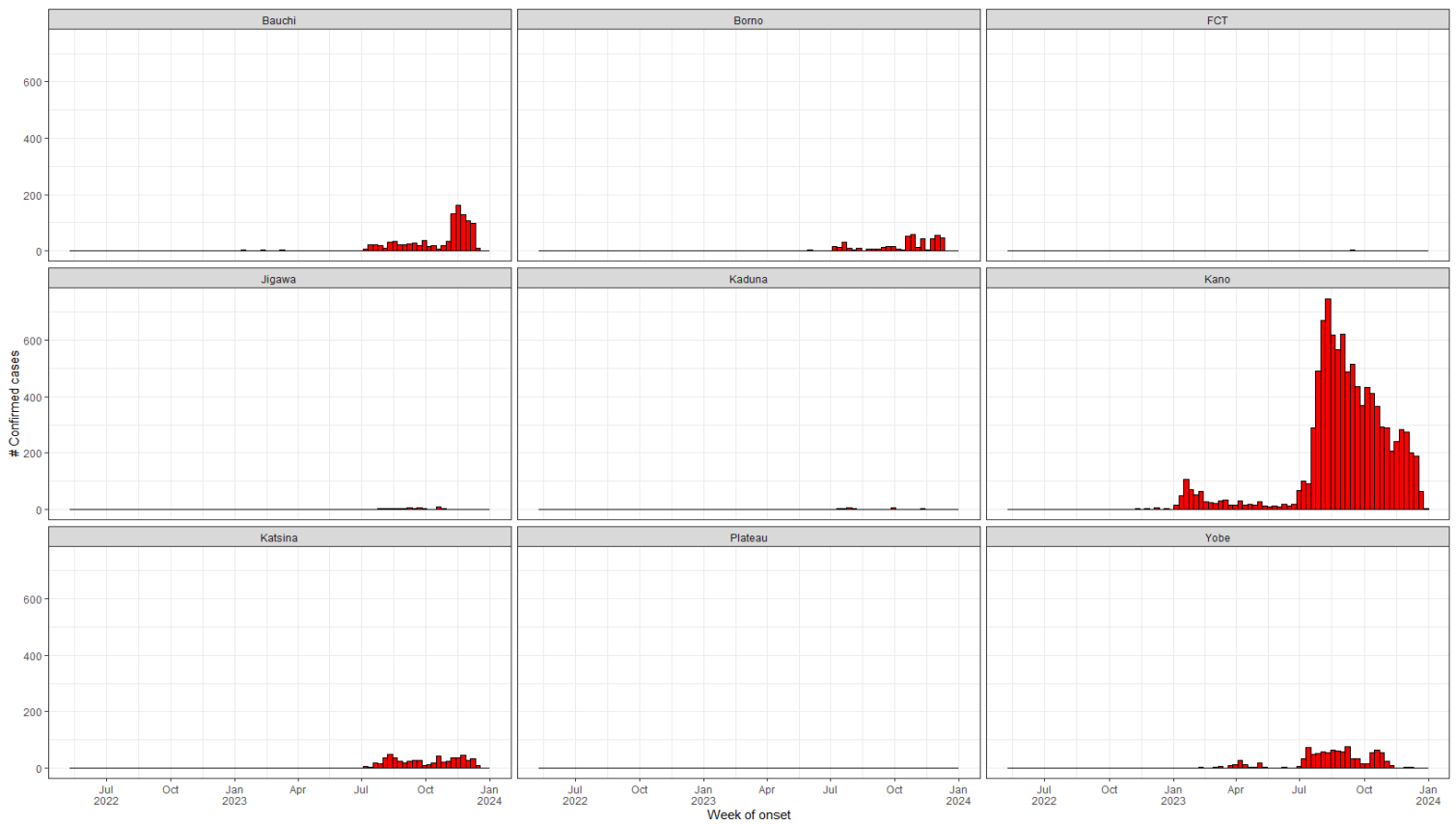
- A total of **108** suspected cases were reported from 3 states across 19 LGAs.
- Of the 108 suspected cases reported, **93 (86.1%)** were confirmed cases (*0 lab confirmed; 0 epid linked; 93 clinically compatible*) and 15 (13.9%) are pending classification.
- The confirmed cases were distributed across 17 LGAs in 1 state.
- A total of **1 death (CFR: 1.1%)** were recorded among the confirmed cases.

### Cumulatively: Epi-Week 19 2022 - Epi-Week 51 2023

- A total of **22,293** suspected cases were reported from 36 states across 297 LGAs.
- **Kano (14,126), Yobe (2,238), Katsina (1,734), Bauchi (1,376), Borno (1,148), Kaduna (573) & Jigawa (256)** accounted for **96.2%** of suspected cases reported.
- Of the 22,293 suspected cases reported, **13,387 (60.1%)** were confirmed cases (*346 lab confirmed; 510 epid linked; 12,531 clinically compatible*), 4,807 (21.6%) were discarded, 2,187 (9.8%) are pending classification & 1,912 (8.6%) were unknown.
- The confirmed cases were distributed across 158 LGAs in 21 states.
- **Kano (10,085), Bauchi (1,059), Yobe (1,009), Katsina (599), Borno (483) & Jigawa (45), Plateau (31) & Kaduna (28)** accounted for 99.4% of confirmed cases reported.
- Majority [**9,048 (67.6%)**] of the confirmed cases were among children aged 1 - 14 years.
- Only **3,376 (25.2%)** out of the 13,387 confirmed cases were fully vaccinated with a diphtheria toxoid-containing vaccine.
- A total of **598 deaths (CFR: 4.5%)** were recorded among confirmed cases.



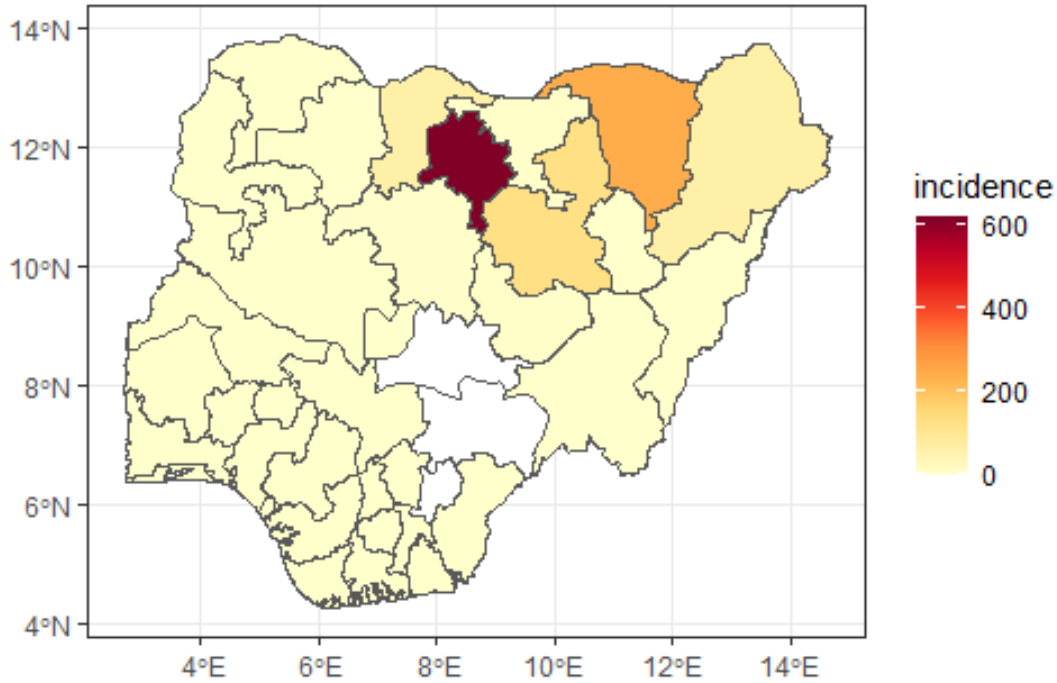
**Figure 1: Epi-curve of confirmed diphtheria cases in Nigeria, epi-week 19 2022 - epi-Week 51 2023**



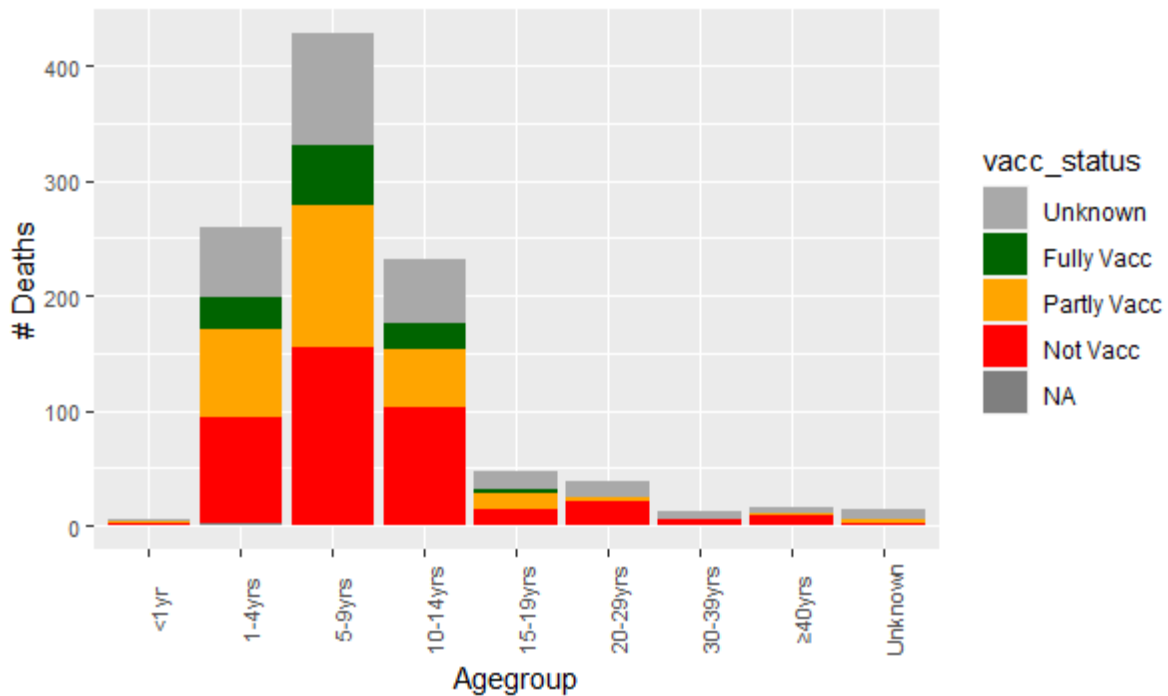
**Figure 2: Epi-curve of confirmed diphtheria cases in high burden States, epi-week 19 2022 - epi-Week 51 2023**

**Table 1: Distribution of diphtheria cases and deaths in Nigeria, epi-week 19 2022 - epi-Week 48 2023**

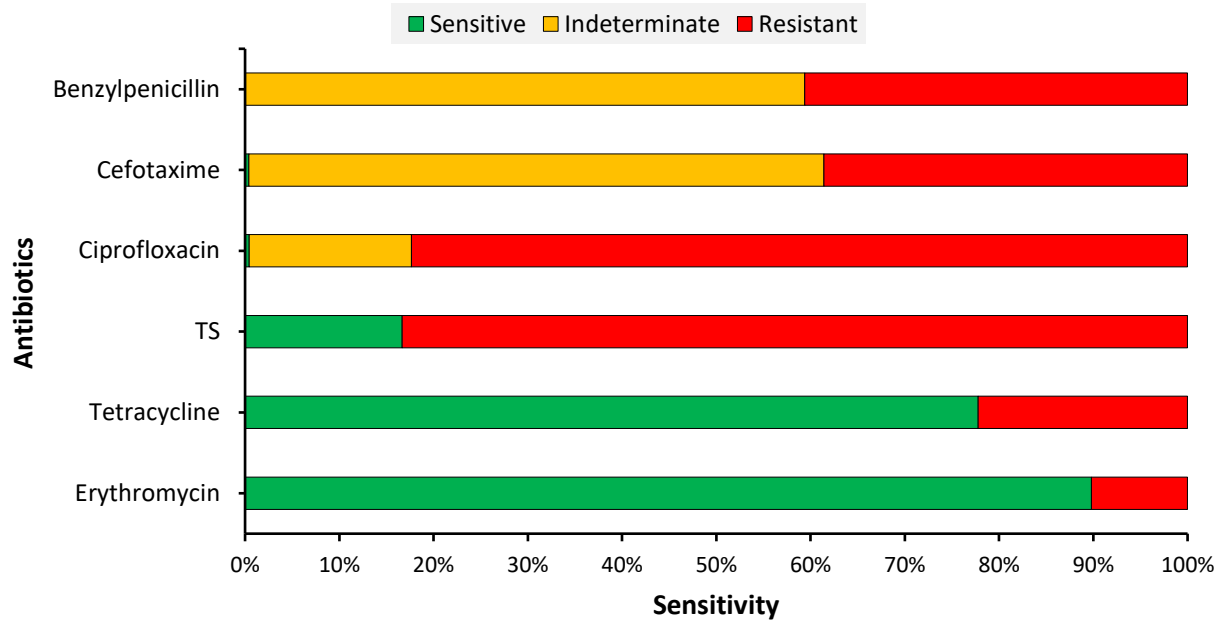
State	# Suspected Case	# Confirmed Case	% Confirmed Case	# Deaths among Confirmed Cases	CFR among Confirmed Cases
Kano	14,126	10,085	71%	382	4%
Yobe	2,238	1,009	45%	73	7%
Katsina	1,734	599	35%	48	8%
Bauchi	1,376	1,059	77%	23	2%
Borno	1,148	483	42%	30	6%
Kaduna	573	28	5%	8	29%
Jigawa	256	45	18%	5	11%
Zamfara	152	7	5%	0	0%
Gombe	136	6	4%	1	17%
FCT	127	13	10%	5	38%
Taraba	90	2	2%	0	0%
Plateau	66	31	47%	15	48%
Kebbi	46	1	2%	0	0%
Sokoto	41	4	10%	0	0%
Lagos	37	6	16%	5	83%
Kogi	36	0	0%	0	-
Osun	16	3	19%	1	33%
Bayelsa	15	0	0%	0	-
Oyo	13	0	0%	0	-
Enugu	12	1	8%	0	0%
Niger	11	2	18%	0	0%
Ekiti	10	1	10%	1	100%
Imo	9	0	0%	0	-
Nassarawa	7	1	14%	1	100%
Abia	3	0	0%	0	-
Delta	2	0	0%	0	-
Edo	2	0	0%	0	-
Ondo	2	0	0%	0	-
Rivers	2	0	0%	0	-
Adamawa	1	0	0%	0	-
Akwa Ibom	1	0	0%	0	-
Anambra	1	0	0%	0	-
Cross River	1	1	100%	0	0%
Kwara	1	0	0%	0	-
Oyo	1	0	0%	0	-
Ogun	1	0	0%	0	-



**Figure 3: Incidence (per million population) of confirmed diphtheria cases in Nigeria by State, epi-week 19 2022 - epi-Week 51 2023**



**Figure 4: Age distribution and vaccination status of deaths among confirmed diphtheria cases in Nigeria, epi-week 19 2022 - epi-Week 51 2023**



\*TS: Trimethoprim-sulfamethaxole

**Figure 5: Drug sensitivity results of toxigenic *Corynebacterium diphtheriae* isolated in Nigeria, epi-week 19 2022 – epi-week 51 2023 (n = 226)**