

WEEKLY DIPHTHERIA SITUATION REPORT

Epi-Week 48, 2023

As of 3rd December 2023



The information contained in this document is based on data generated from the country's surveillance system & can be used, published, or redistributed to the public.

HIGHLIGHTS

In epi-week 48, 2023

- A total of **230** suspected cases were reported from 6 States across 28 LGAs.
- Of the 230 suspected cases reported, **190 (82.6%) were confirmed cases** (*0 lab confirmed; 0 epid linked; 190 clinically compatible*), **2 (0.9%) were discarded**, **23 (10.0%) are pending classification** & **3 (1.3%) were unknown**.
- The confirmed cases were distributed across 23 LGAs in 4 States.
- A total of **2 deaths (CFR: 1.1%)** were recorded among the confirmed cases.

Cumulatively: Epi-Week 19 2022 - Epi-Week 48 2023

- A total of **20,684** suspected cases were reported from 33 States across 280 LGAs.
- **Kano (13461), Yobe (2234), Katsina (1509), Bauchi (1139), Borno (968), Kaduna (486) & Jigawa (256)** accounted for 96.9 of suspected cases reported.
- Of the 20,684 suspected cases reported, 12086 (58.4%) were **confirmed cases** (*320 lab confirmed; 0 epid linked; 11,766 clinically compatible*), 4,509 (21.8%) were **discarded**, 1,844 (8.9%) are **pending** classification & 1,827 (8.8%) were **unknown**.
- The confirmed cases were distributed across 148 LGAs in 20 States.
- **Kano (9613), Yobe (966), Bauchi (614), Katsina (440), Borno (348) & Jigawa (44), Kaduna (24)** accounted for 99.7 of confirmed cases reported.
- Majority [**8,393 (69.4%)**] of the confirmed cases were among children aged 1 - 14 years.
- Only **3,202 (26.5%)** out of the 12086 confirmed cases were fully vaccinated with a diphtheria toxoid-containing vaccine.
- A total of **554 deaths (CFR: 4.6%)** were recorded among confirmed cases.

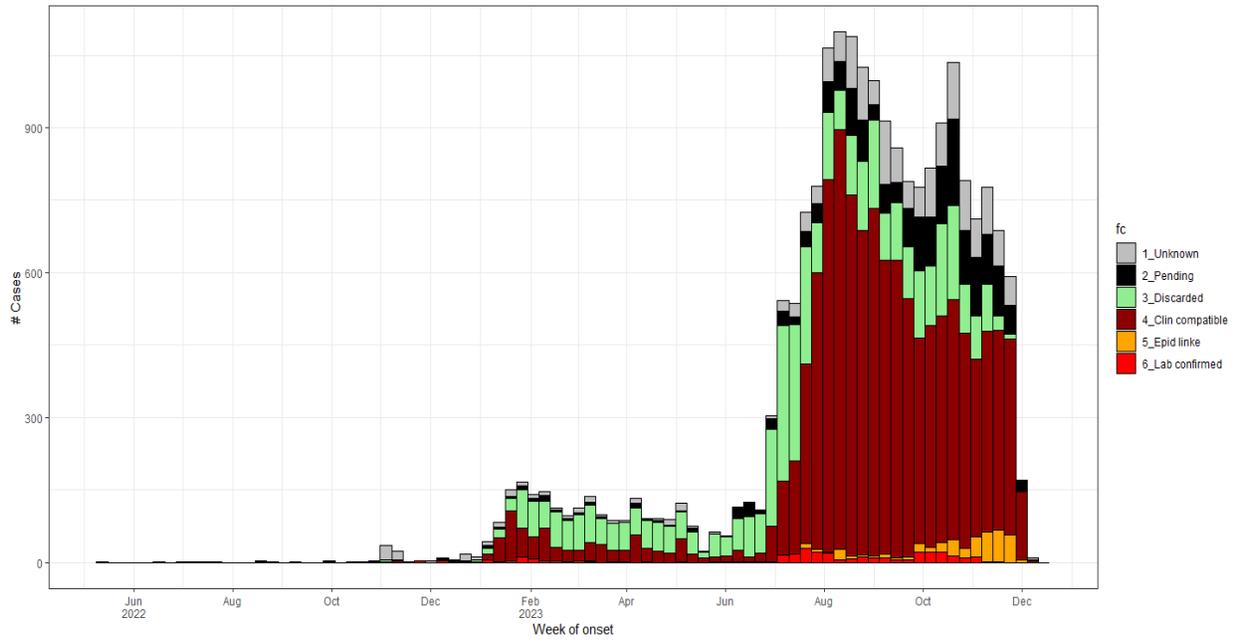


Figure 1: Epi-curve of confirmed diphtheria cases in Nigeria, epi-week 19 2022 - epi-Week 48 2023

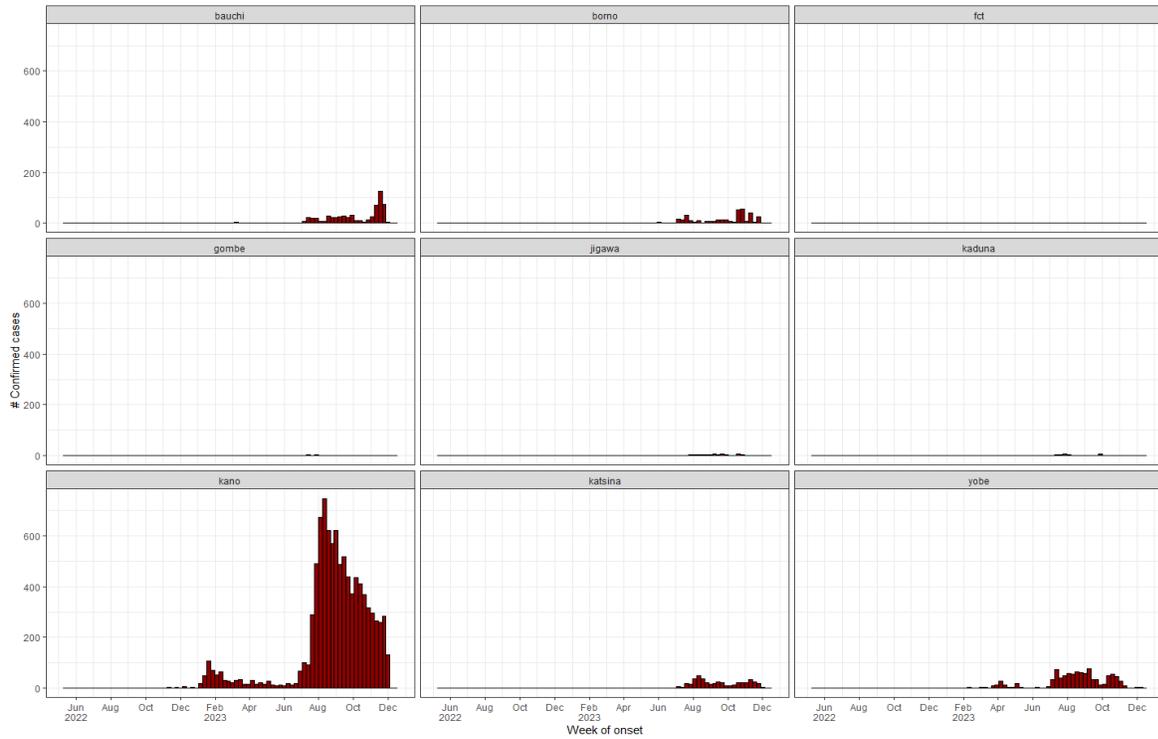


Figure 2: Epi-curve of confirmed diphtheria cases in high burden States, epi-week 19 2022 - epi-Week 48 2023

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	13,461	9,613	71%	378	4%
Yobe	2,234	966	43%	70	7%
Bauchi	1,139	614	54%	19	3%
Katsina	1,509	440	29%	40	9%
Borno	968	348	36%	28	8%
Jigawa	256	44	17%	5	11%
Kaduna	486	24	5%	4	17%
FCT	115	8	7%	2	25%
Gombe	136	6	4%	1	17%
Lagos	35	5	14%	4	80%
Sokoto	41	4	10%	0	0%
Osun	14	3	21%	1	33%
Niger	10	2	20%	0	0%
Taraba	69	2	3%	0	0%
Zamfara	99	2	2%	0	0%
Cross River	1	1	100%	0	0%
Enugu	3	1	33%	0	0%
Kebbi	46	1	2%	0	0%
Nassarawa	7	1	14%	1	100%
Plateau	10	1	10%	1	100%
Abia	3	0	0%	0	0%
Adamawa	1	0	0%	0	0%
Akwa Ibom	1	0	0%	0	0%
Anambra	1	0	0%	0	0%
Bayelsa	4	0	0%	0	0%
Delta	2	0	0%	0	0%
Edo	2	0	0%	0	0%
Ekiti	1	0	0%	0	0%
Imo	9	0	0%	0	0%
Kogi	4	0	0%	0	0%
Ondo	2	0	0%	0	0%
Oyo	13	0	0%	0	0%
Rivers	2	0	0%	0	0%

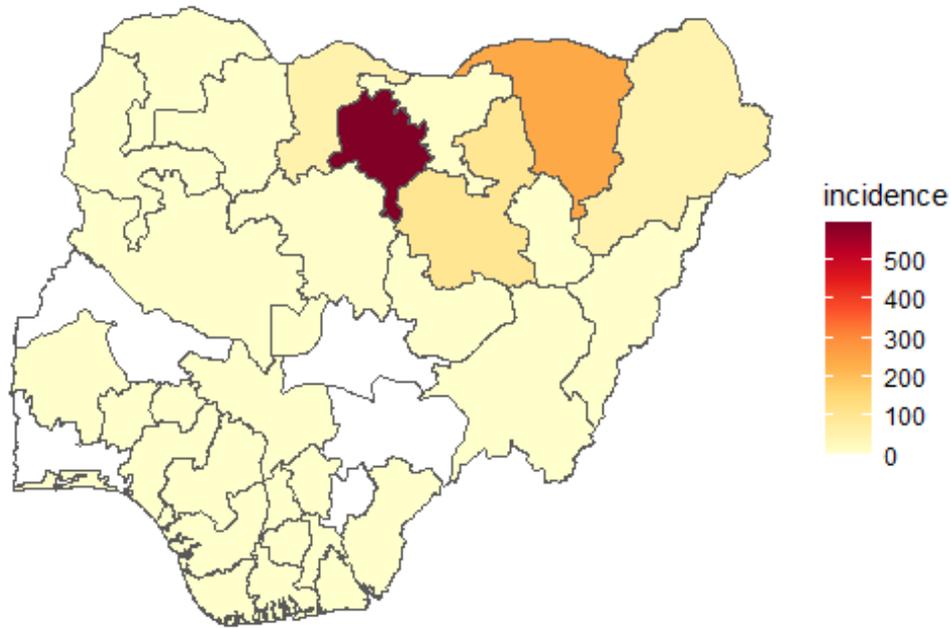


Figure 3: Incidence (per million population) of confirmed diphtheria cases in Nigeria by State, epi-week 19 2022 - epi-Week 48 2023

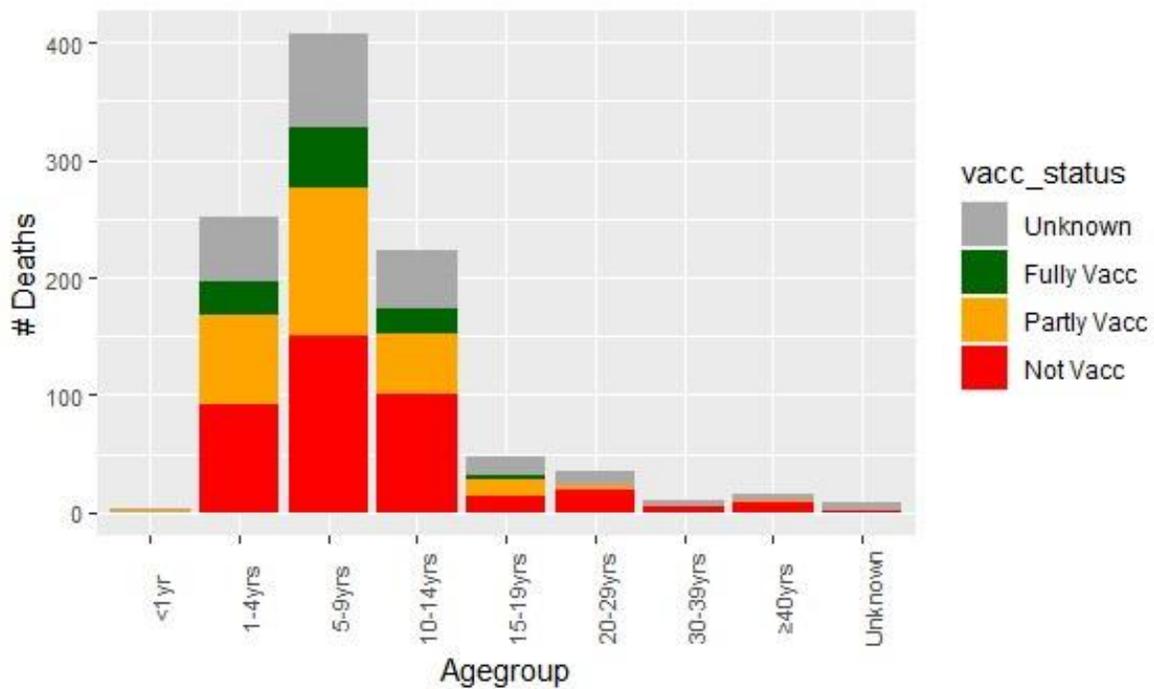
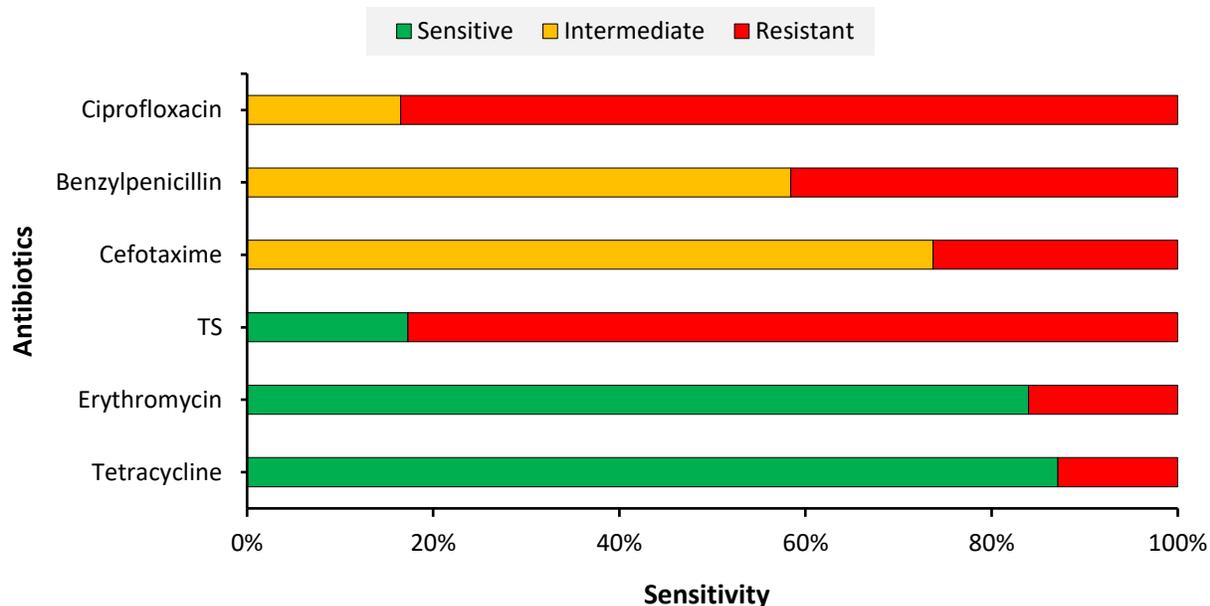


Figure 4: Age distribution and vaccination status of deaths among confirmed diphtheria cases in Nigeria, epi-week 19 2022 - epi-Week 48 2023



*TS: Trimethoprim-sulfamethaxole

Figure 5: Drug sensitivity results of toxigenic *Corynebacterium diphtheriae* isolated in Nigeria, epi-week 19 2022 – epi-week 48 2023 (n = 214)

Table 2: Reactive vaccination campaign coverage for pentavalent and Td vaccine by states as of 25th November 2023

State (# LGA)	Target Pop. for Penta (6 wks - <4 years)	Total Vaccinated with Penta	Coverage for Penta	Target Pop. for Td (4-14 years)	Total Vaccinated with Td	Coverage for Td
Kano (14)	511,406	555,134	109%	1,089,647	1,111,310	102%
Katsina (9)	448,369	396,843	89%	716,165	644,623	90%
Bauchi (5)	282,615	243,399	86%	419,640	338,208	81%
Kaduna (5)	242,613	251,126	104%	516,531	502,657	97%
Yobe (8)	196,564	205,006	104%	417,843	438,431	105%
Jigawa (3)	183,161	180,287	98%	281,092	275,686	98%
Borno (4)	71,926	70,127	97%	153,132	156,809	102%
Total (48)	1,936,654	1,901,922	98%	3,594,050	3,467,724	96%