MEASLES SITUATION REPORT

Serial Number 03

Data as of March 31st, 2025

NIGERIA CENTRE FOR DISEASE CONTROL

HIGHLIGHTS

- **In March 2025:**
  - Akwa Ibom (74), Ogun (69), Katsina (65), Oyo (64), Lagos (62) Ondo (50) and Jigawa (49) accounted for 42.3% of the 1,024 suspected cases reported
  - Of the suspected cases reported, 148 (14.45%) were confirmed (143 lab-confirmed & 2 epidemiologically linked, 3 clinically compatible), 755 (73.73%) were discarded & 121 (11.82%) were pending
  - A total of 352 LGAs across 35 States reported at least one suspected case
  - Zero (0) death was recorded from confirmed cases
- **From January – March 2025:**
  - Yobe (475), Katsina (348), Bauchi (329), Akwa Ibom (246), Jigawa (194), Ogun (179), Lagos (159) and Oyo (159) accounted for 44.7% of the 4,678 suspected cases reported
  - Of the suspected cases reported, 1,397 (29.86%) were confirmed (1026 lab-confirmed, 162 epi-linked and 209 clinically compatible), 2701 (57.74%) were discarded and 580 (12.40%) were pending classification
  - The age group 9-59 months accounted for 50.68% of all confirmed cases
  - Zero death (CFR = 0.0%) was recorded among confirmed cases
  - Of the 1397 confirmed measles cases, 72.66% had zero dose of measles vaccine.
- **Measles outbreaks as of March 31st, 2025:**
  - By end of March 2025, a total of 356 LGAs across 37 States have recorded a measles outbreak (more than 3 measles IgM+ cases within 4wks period).
  - Katsina State had the highest number of LGAs (26) with record of measles outbreak, followed by Adamawa, Jigawa and Kaduna with 19 LGAs each. Oyo, Bauchi and Kebbi has 15 LGAs each, while Yobe recorded 13 LGAs.
  - A total of 232 LGAs across 15 states have ongoing measles outbreak, with Katsina State having the highest number (24 LGAs), followed by with Adamawa with 19 LGAs. Jigawa and Kaduna has 17 LGAs each, while Bauchi and Kebbi has 14 LGAs and 13 LGAs respectively. Taraba State has 11 LGAs with ongoing outbreaks, while Gombe state has 8 LGAs.
  - A total of 15 LGAs across 12 States have ended their measles outbreak. Kano, Kebbi, and Sokoto lead the pack with 2 LGAs each that have ended their outbreak.
  - Furthermore, 18 LGAs across 12 states recorded new measles outbreak in March 2025, with Niger State having the highest number of LGAs with new outbreaks (3 LGAs).

SITUATION UPDATES

 # Jan - Mar (# New in Mar)

SUSPECTED CASES

4,678 (1,024)

States With Suspected Cases

36 + FCT (35)

LGAs with Suspected Cases

618 (352)

CONFIRMED CASES

1,397 (148)

States with Confirmed Cases

34 + FCT (25)

LGAs with Confirmed Cases

308 (80)

DEATHS AMONG CONFIRMED CASES

0 (0)

MEASLES OUTBREAKS

States with Ongoing Measles Outbreaks

15

LGAs with Recorded Measles Outbreaks

356 (250)

LGAs with Ongoing Measles Outbreaks in March

232

Table 1: Distribution of key measles surveillance variables by states, Mar 2025

States	# Suspected cases	# Confirmed cases (%)	Classification of confirmed cases			% of confirmed cases aged 9-59 months	% of confirmed cases that are "zero doses"
			Lab. confirmed	Epid. linked	Clin. Compatible		
NORTH	**2,863**	**1278 (45%)**	**908**	**162**	**208**	**52.5%**	**78.5%**
Adamawa	144	91 (63%)	85	4	2	27.8%	100.0%
Bauchi	329	274 (83%)	87	95	92	58.8%	53.6%
Benue	99	26 (26%)	25	0	1	46.2%	100.0%
Borno	144	114 (79%)	26	32	56	66.7%	47.4%
FCT, Abuja	34	11 (32%)	8	0	3	36.4%	100.0%
Gombe	112	61 (54%)	48	0	13	47.5%	63.9%
Jigawa	194	68 (35%)	68	0	0	44.1%	92.6%
Kaduna	92	38 (41%)	38	0	0	65.8%	100.0%
Kano	69	17 (25%)	17	0	0	58.8%	100.0%
Katsina	348	139 (40%)	138	0	1	48.9%	97.8%
Kebbi	149	35 (23%)	35	0	0	37.1%	97.1%
Kogi	66	17 (26%)	16	0	1	47.1%	94.1%
Kwara	128	37 (29%)	35	0	2	43.2%	97.3%
Nasarawa	81	34 (42%)	34	0	0	41.2%	70.6%
Niger	69	16 (23%)	15	0	1	43.8%	100.0%
Plateau	114	43 (38%)	42	0	1	34.9%	93.0%
Sokoto	41	31 (76%)	31	0	0	96.8%	100.0%
Taraba	70	36 (51%)	36	0	0	33.3%	36.1%
Yobe	475	161 (34%)	95	31	35	57.8%	88.8%
Zamfara	105	29 (28%)	29	0	0	75.9%	96.6%
SOUTH	**1,815**	**119 (7%)**	**118**	**0**	**1**	**32.2%**	**10.1%**
Abia	84	6 (7%)	5	0	1	0.0%	50.0%
Akwa Ibom	246	24 (10%)	24	0	0	50.0%	4.2%
Anambra	77	0 (0%)	-	0	0	0.0%	0.0%
Bayelsa	43	2 (5%)	2	0	0	50.0%	0.0%
Cross River	101	5 (5%)	5	0	0	20.0%	0.0%
Delta	63	3 (5%)	3	0	0	0.0%	0.0%
Ebonyi	37	2 (5%)	2	0	0	0.0%	100.0%
Edo	53	1 (2%)	1	0	0	100.0%	0.0%
Ekiti	128	0 (0%)	-	0	0	0.0%	0.0%
Enugu	93	5 (5%)	5	0	0	40.0%	60.0%
Imo	75	3 (4%)	3	0	0	33.3%	100.0%
Lagos	159	2 (1%)	2	0	0	50.0%	0.0%
Ogun	179	21 (12%)	21	0	0	23.8%	0.0%
Ondo	113	10 (9%)	10	0	0	50.0%	0.0%
Osun	115	10 (9%)	10	0	0	20.0%	0.0%
Oyo	159	21 (13%)	21	0	0	33.3%	0.0%
Rivers	90	4 (4%)	4	0	0	0.0%	0.0%
TOTAL	**4,678**	**1397 (30%)**	**1,026**	**162**	**209**	**50.8%**	**72.7%**

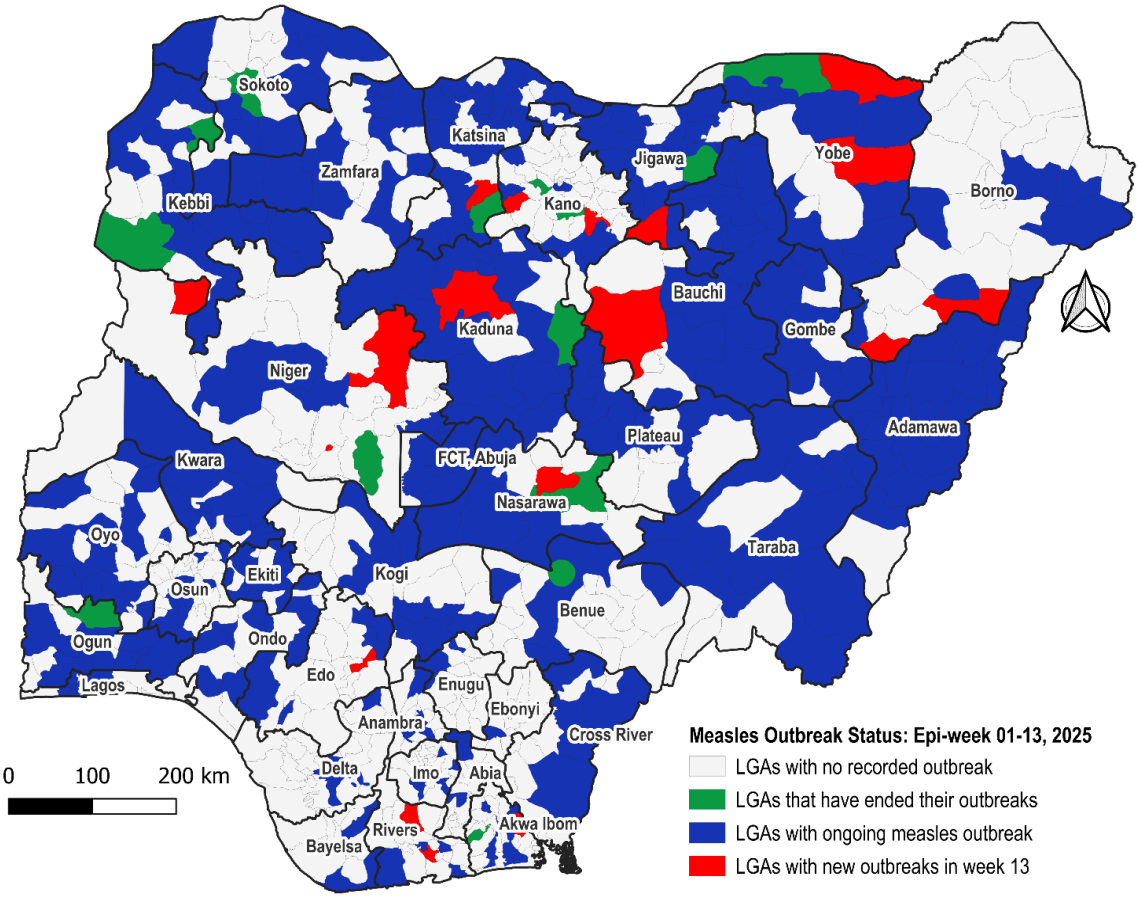

Figure 1: Distribution of measles outbreak by LGAs/States in Nigeria, Jan - Mar 2025

Table 2: Trend of measles surveillance performance indicators, Jan – Mar 2021 – 2025

Surveillance Performance Indicator	Target	2021 (Mar)	2022 (Mar)	2023 (Mar)	2024 (Mar)	2025 (Mar)
Annualized measles Incidence	< 1/million population	48.3	267.3	101.0	92.2	21.8
Annualized non-measles febrile rash illness (NMFRI) rate	≥ 2/100,000 population	2.2	7.4	4.3	6.0	4.1
Proportion of reported measles cases from whom blood specimen was collected	≥ 80%	51.2%	40.5%	66.2%	75.2%	95.7%
Proportion of LGAs that reported at least 1 measles case with blood specimen collected	≥ 80%	97.7%	97.0%	98.3%	98.8%	99.8%
Annualized rate of investigation (with blood specimens) of suspected measles cases	> 1/100,000 population	3.1	13.3	6.1	9.1	6.7
Proportion of lab-confirmed measles cases	< 10%	26.9%	76.2%	24.5%	28.4%	27.6%
Proportion of serum specimens arriving at measles laboratory in good condition	≥ 90%	98.8%	99.8%	99.6%	99.1%	99.7%

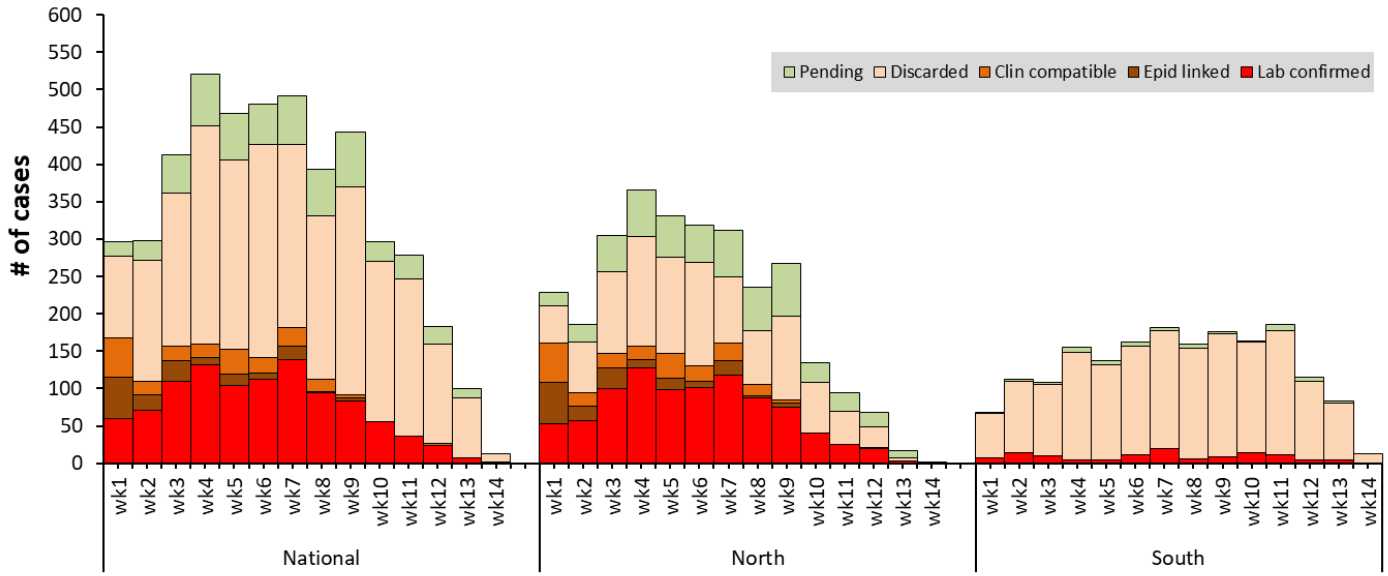

Figure 2: Epi-curve of measles cases in Nigeria (Northern vs Southern zone), Jan - Mar, 2025

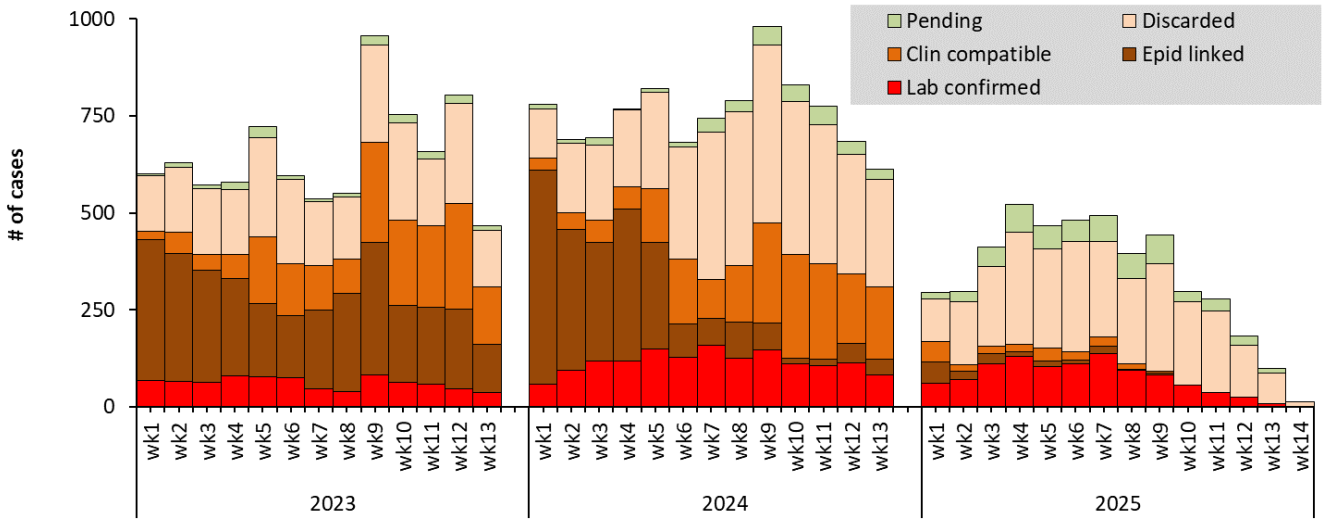

Figure 3: Epi-curve of confirmed measles cases in Nigeria, 2023 – 2025 (Mar)

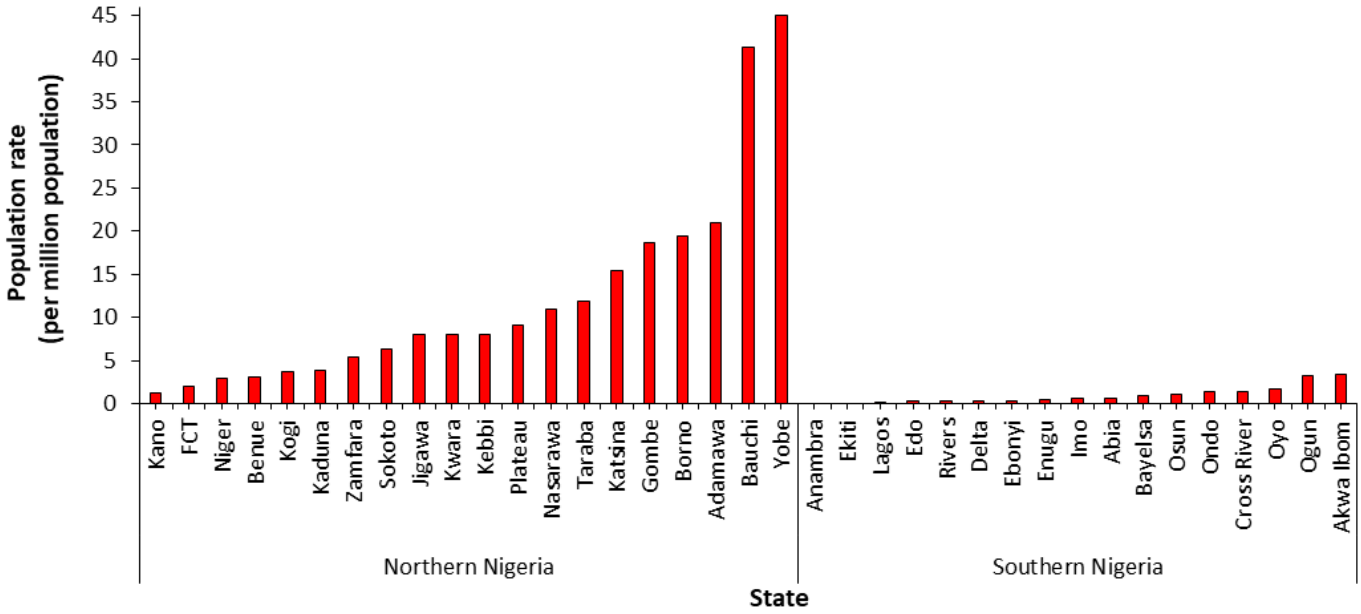

Figure 4: Incidence of confirmed measles cases in Nigeria (North and South), Jan - Mar, 2025

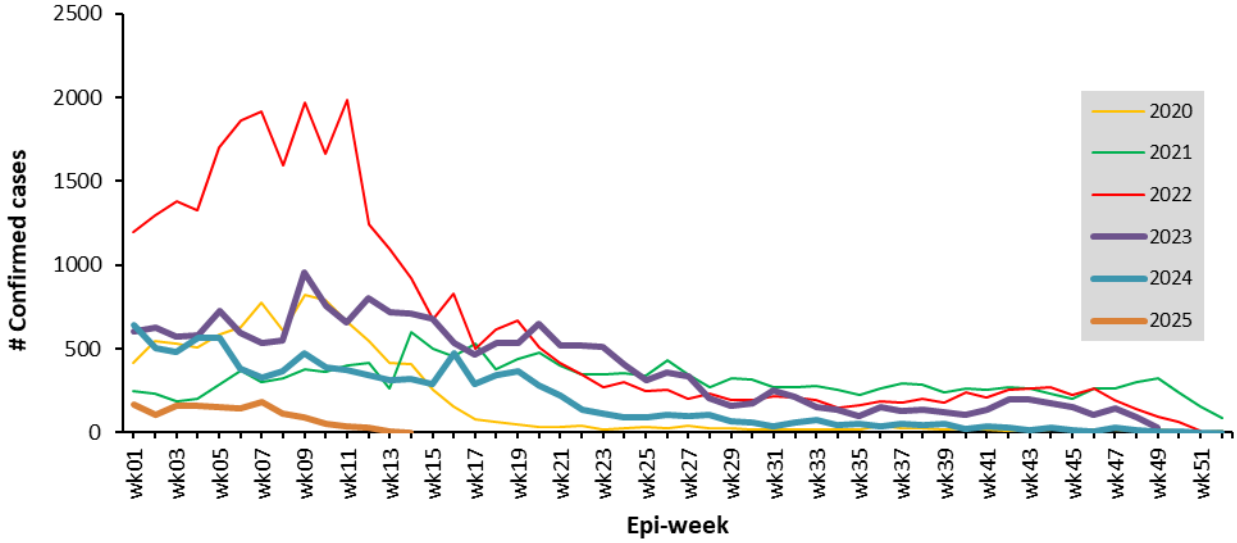

Figure 5: Trend of confirmed measles cases in Nigeria, 2020 – 2025 (epi-week 01 – 52)

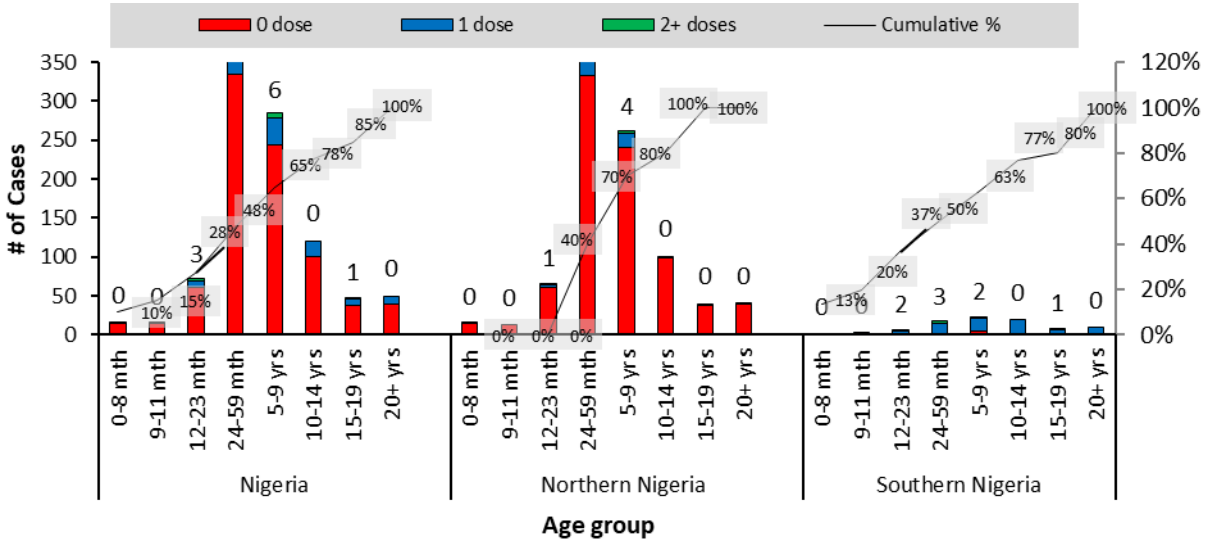

Figure 6: Vaccination status and age distribution lab confirmed measles cases in Nigeria (Northern vs Southern zone), Jan - Mar, 2025

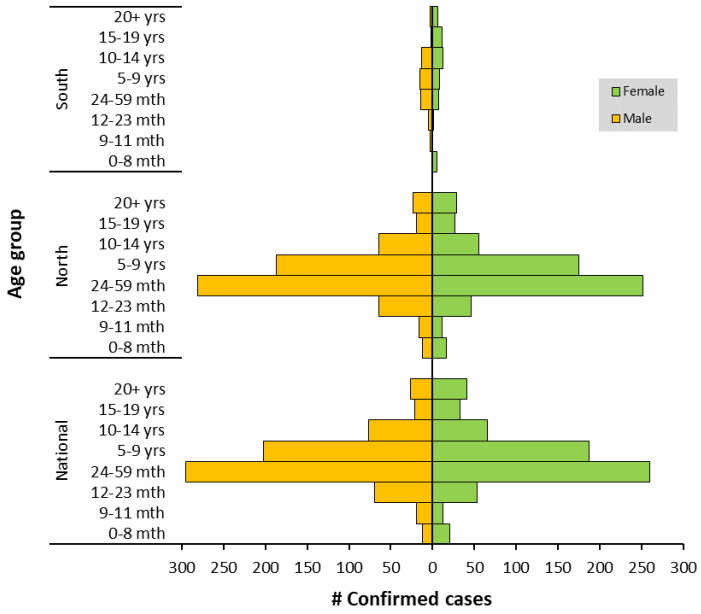

Figure 7: Age-sex distribution of confirmed measles cases in Nigeria (Northern and Southern zone), Jan - Mar, 2025

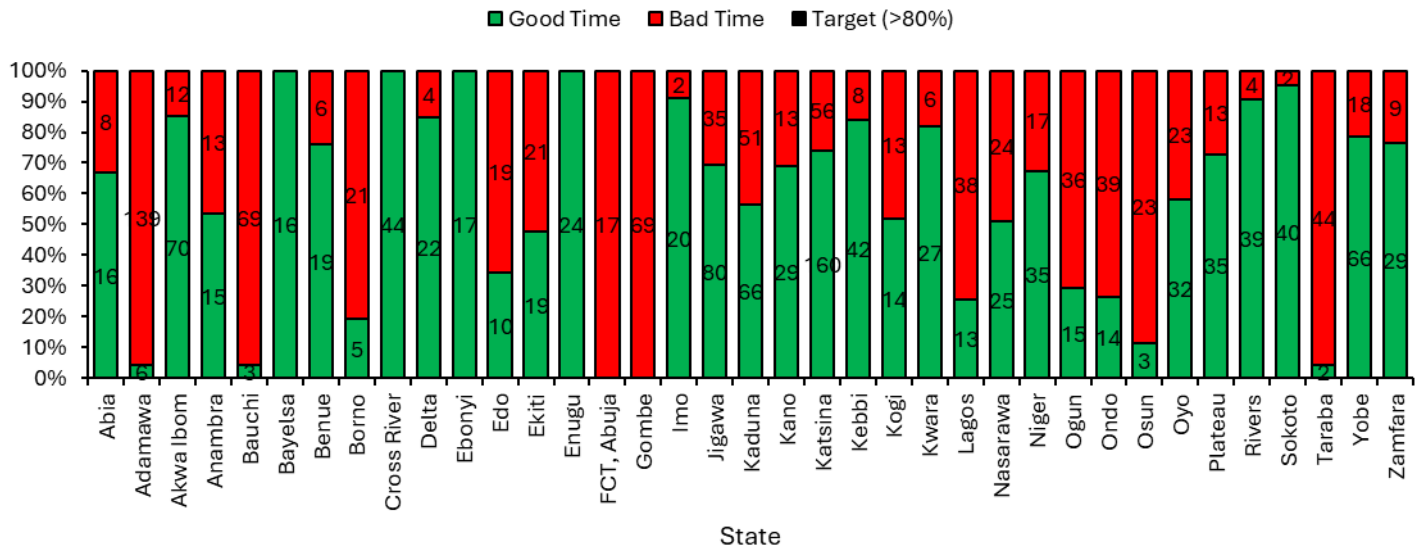

Figure 8: Proportion of measles samples reaching the laboratory in good time, Jan – Mar 2025

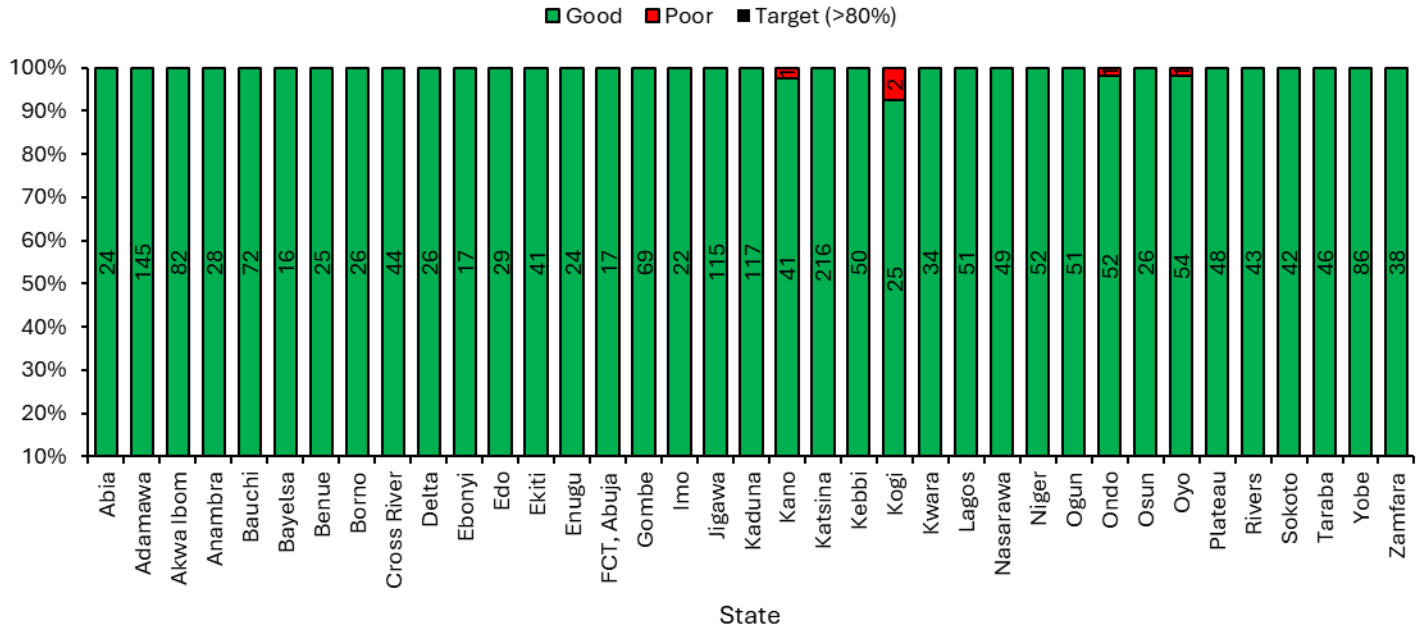

Figure 9: Proportion of measles samples getting to the lab in good condition, Jan – March 2025

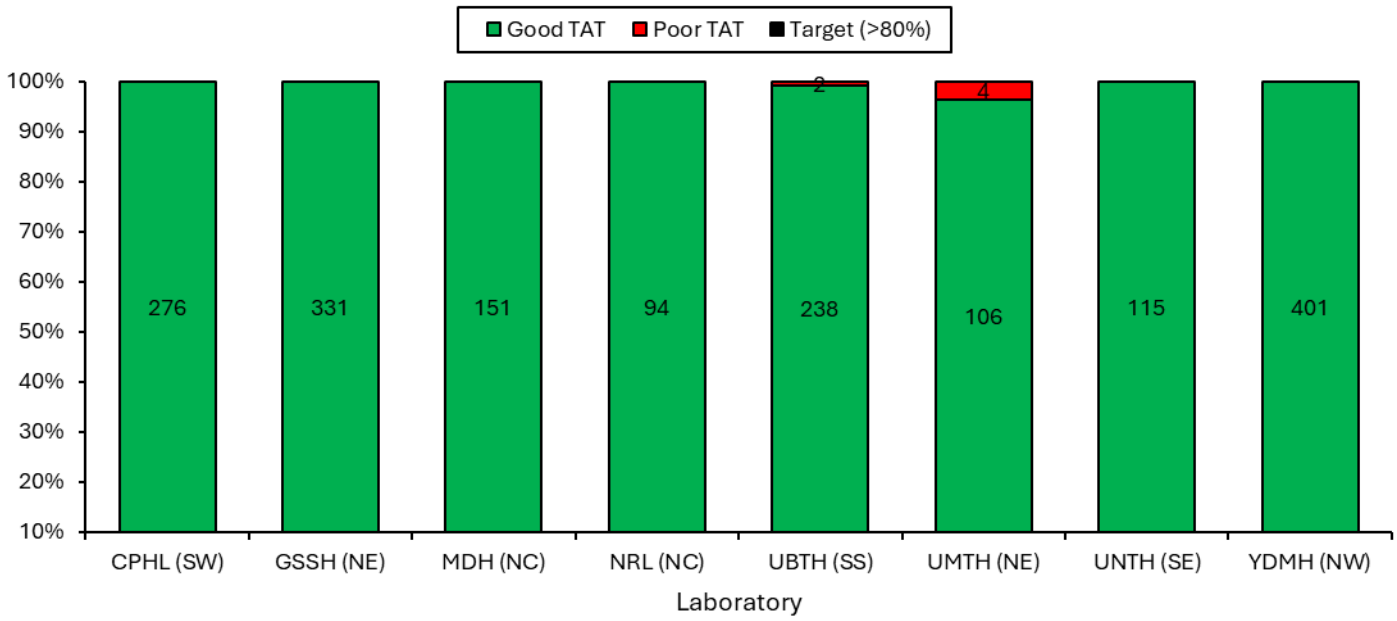

Figure 10: Proportion of measles samples with good turnaround time, Jan - Mar 2025

Key Activities Conducted

- **Coordination:**
  - Measles Outbreak Response (MOBR) Capacity Building training in Yobe and Adamawa States
  - Planning meeting on validation of Measles Outbreak Preparedness and Response guidelines workshop
  - Planning meeting on validation Measles Outbreak Preparedness and Response five years plan workshop (2025 to 2030)
  - Continuous planning meeting on the ongoing Measles Outbreak Response (MOBR) Capacity Building Project.
  - National Measles TWG closely monitoring measles surveillance data and providing feedback to relevant agencies and development partners.
  - Virtual biweekly measles TWG meetings – via zoom.
  - Monthly surveillance data review.
  - Weekly surveillance and laboratory data harmonization ongoing.
- **Laboratory:**
  - Planning meeting on measles molecular testing training
  - Testing of samples ongoing in the eight Reference Laboratories across the country.
  - Weekly harmonisation of laboratory results from across the laboratories ongoing.
  - Weekly feedback of key performance indicators to measles laboratories.

Challenges

- Delay in reporting cases into the SORMAS database from states/LGAs
- Delay in accessing case-based data for analysis