

MEASLES SITUATION REPORT

Serial Number 02

Data as of February 28th 2025



The information contained in this document is confidential, privileged and only for the intended recipient and may not be used, published or redistributed to the public

HIGHLIGHTS

In Febraury, 2025:

- Yobe (221), Katsina (123), Bauchi (107), Akwa Ibom (92), and Oyo(69) accounted for 38.7% of the 1,581 suspected cases reported
- Of the suspected cases reported, 120 (10.89%) were confirmed (107 lab-confirmed, 0 epidemiologically linked, 13 clinically compatible), 562 (51.00%) were discarded & 420 (38.11%) were pending
- A total of 411 LGAs across 35 States + FCT reported at least one suspected case
- Zero (0) deaths was recorded from confirmed cases

From January – Febraury, 2024:

- Yobe (446), Bauchi (286), Katsina (283), Akwa Ibom (163), Jigawa (142), Kebbi (132), Borno (127), and Ogun (107) accounted for 49.5% of the 3,410 suspected cases reported
- Of the suspected cases reported, 452 (17.72%) were confirmed (411 lab-confirmed, 0 epidemiologically linked, 41 clinically compatible), 1,353 (58.34%) were discarded & 514 (22.16%) were pending
- The age group 9 - 59 months accounted for 218 (48.23%) of all confirmed cases
- A total of 0 deaths (CFR = 0.00%) were recorded among confirmed cases
- Up to 366 (81.0%) of the 452 confirmed cases did not receive any dose of measles vaccine (“zero dose”)

Measles outbreaks as at February 28th (Epi-week 01-09) 2025:

- As at end of February 2025, a total of 106 LGAs across 22 States have recorded a measles outbreak (more than 3 measles IgM+ cases within 4wks period).
- Katsina State had the highest number of LGAs (17) with record of measles outbreak, followed by Bauchi with 9 LGAs, while Adamawa, Sokoto and Yobe have 8 LGAs each.
- A total of 91 LGAs across 22 states have ongoing measles outbreak, with Katsina State having the highest number (14 LGAs), followed by Bauchi with 9 LGAs, Sokoto with 8 LGAs and Yobe state with 7 LGAs.
- Furthermore, 15 LGAs across 7 states recorded new measles outbreak in epi-week 09, 2025, with Adamawa State having the highest number of LGAs with new outbreaks, followed by Jigawa and Katsina States with 3 each.

SUSPECTED CASES

3,410 (1,581)

States With Suspected Cases

36 + FCT

LGAs with Suspected Cases

547 (411)

CONFIRMED CASES

452 (120)

States with Confirmed Cases

27 + FCT

LGAs with Confirmed Cases

179 (66)

DEATHS AMONG CONFIRMED CASES

0 (0)

MEASLES OUTBREAKS

States with Ongoing Measles
Outbreaks

5

LGAs with Recorded Measles
Outbreaks

106 (69)

LGAs with Ongoing Measles
Outbreaks in Febraury

54



World Health Organization



DeHealth AFRICA

AFENET

NiMet



UNIVERSITY OF MARYLAND



Table 1: Distribution of key measles surveillance variables by states, February 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	1910	371(19%)	336	0	35	15.4%	18.7%
Adamawa	92	0(0%)	0	0	0	0.0%	0.0%
Bauchi	286	0(0%)	0	0	0	0.0%	0.0%
Benue	65	18(28%)	17	0	1	0.6%	0.9%
Borno	127	0(0%)	0	0	0	0.0%	0.0%
FCT, Abuja	33	9(27%)	8	0	1	0.2%	0.5%
Gombe	99	0(0%)	0	0		0.0%	0.0%
Jigawa	142	30(21%)	27	0	3	1.4%	1.4%
Kaduna	71	12(17%)	12	0	0	0.6%	0.6%
Kano	49	14(29%)	14	0	0	0.6%	0.7%
Katsina	283	88(31%)	75	0	13	3.4%	4.6%
Kebbi	132	35(27%)	28	0	7	1.1%	1.8%
Kogi	40	19(48%)	15	0	4	0.9%	0.9%
Kwara	91	26(29%)	23	0	3	0.9%	1.3%
Nasarawa	53	22(42%)	22	0	0	0.7%	0.9%
Niger	54	13(24%)	12	0	1	0.5%	0.7%
Plateau	81	39(48%)	38	0	1	1.1%	1.9%
Sokoto	41	31(76%)	31	0	0	2.4%	1.6%
Taraba	41	0(0%)		0	0	0.0%	0.0%
Yobe	446	0(0%)		0	0	0.0%	0.0%
Zamfara	77	15(19%)	14	0	1	1.0%	0.8%
SOUTH	1106	81(7%)	75	0	6	2.3%	0.4%
Abia	54	2(4%)	2	0	0	0.0%	0.05%
Akwa Ibom	163	19(12%)	19	0	0	0.9%	0.00%
Anambra	40	1(3%)	0	0	1	0.0%	0.05%
Bayelsa	26	0(0%)	0	0	0	0.0%	0.0%
Cross River	59	4(7%)	4	0	0	0.1%	0.0%
Delta	33	1(3%)	1	0	0	0.0%	0.0%
Ebonyi	26	1(4%)	1	0	0	0.0%	0.05%
Edo	31	0(0%)	0	0	0	0.0%	0.0%
Ekiti	85	0(0%)	0	0	0	0.0%	
Enugu	59	2(3%)	2	0	0	0.1%	0.10%
Imo	50	3(6%)	3	0	0	0.1%	0.0%
Lagos	89	1(1%)	1	0	0	0.0%	0.0%
Ogun	107	19(18%)	18	0	1	0.5%	0.0%
Ondo	58	4(7%)	4	0	0	0.2%	0.0%
Osun	76	7(9%)	5	0	2	0.2%	0.0%
Oyo	94	15(16%)	13	0	2	0.2%	0.0%
Rivers	57	2(4%)	2	0	0	0.0%	0.0%
TOTAL	3410	452(13%)	411	0	41	17.7%	19.2%

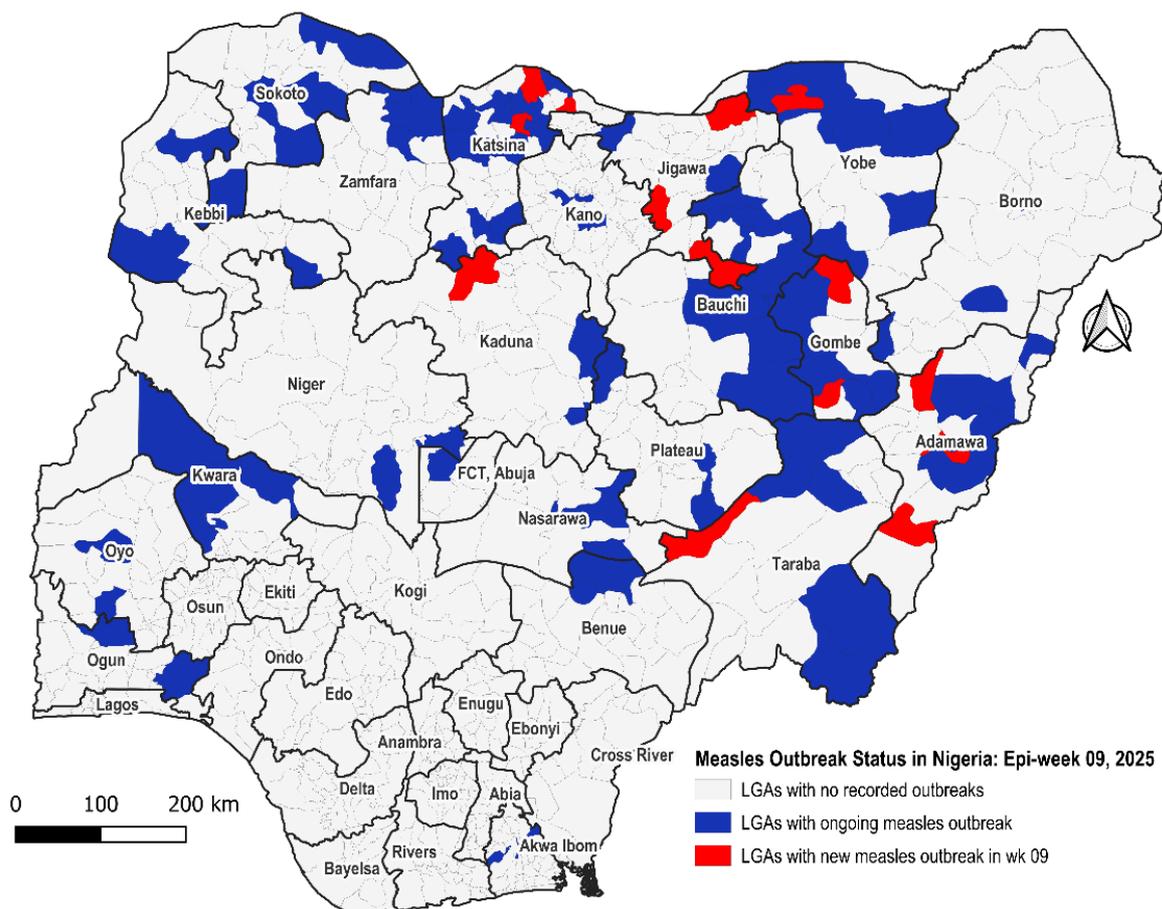


Figure 1: Distribution of measles outbreak by LGAs/States in Nigeria, February 2025

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

Surveillance Performance Indicator	Target	2021 (Feb)	2022 (Feb)	2023 (Feb)	2024 (Feb)	2025 (Feb)
Annualized measles Incidence	< 1/million population	41.5	264.6	92.0	97.9	42.3
Annualized non-measles febrile rash illness (NMFRI) rate	≥ 2/100,000 population	2.0	6.5	3.9	5.3	3.2
Proportion of reported measles cases from whom blood specimen was collected	≥ 80%	52.6%	36.5%	74.4%	80.6%	100.0%
Proportion of LGAs that reported at least 1 measles case with blood specimen collected	≥ 80%	96.8%	95.4%	97.3%	98.3%	99.5%
Annualized rate of investigation (with blood specimens) of suspected measles cases	> 1/100,000 population	2.9	11.8	5.6	8.3	5.4
Proportion of lab-confirmed measles cases	< 10%	30.1%	67.3%	26.8%	31.4%	22.8%
Proportion of serum specimens arriving at measles laboratory in good condition	≥ 90%	98.8%	98.8%	98.7%	98.9%	99.3%

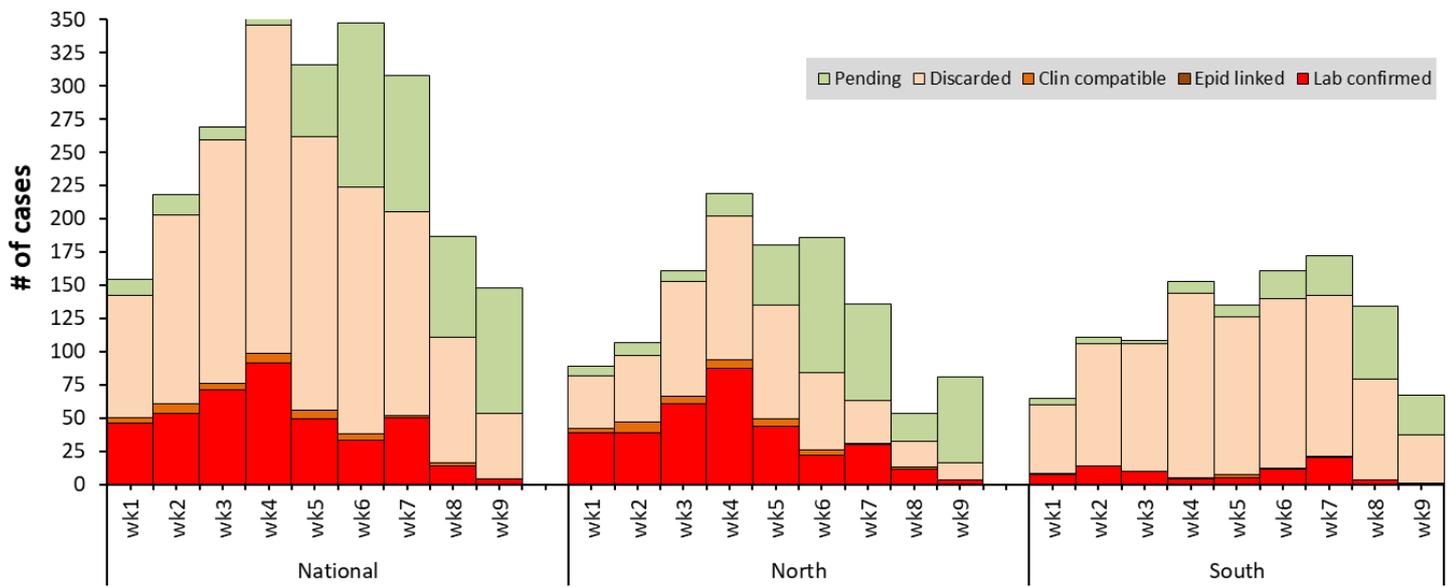


Figure 2: Epi-curve of measles cases in Nigeria (Northern vs Southern zone), February 2025

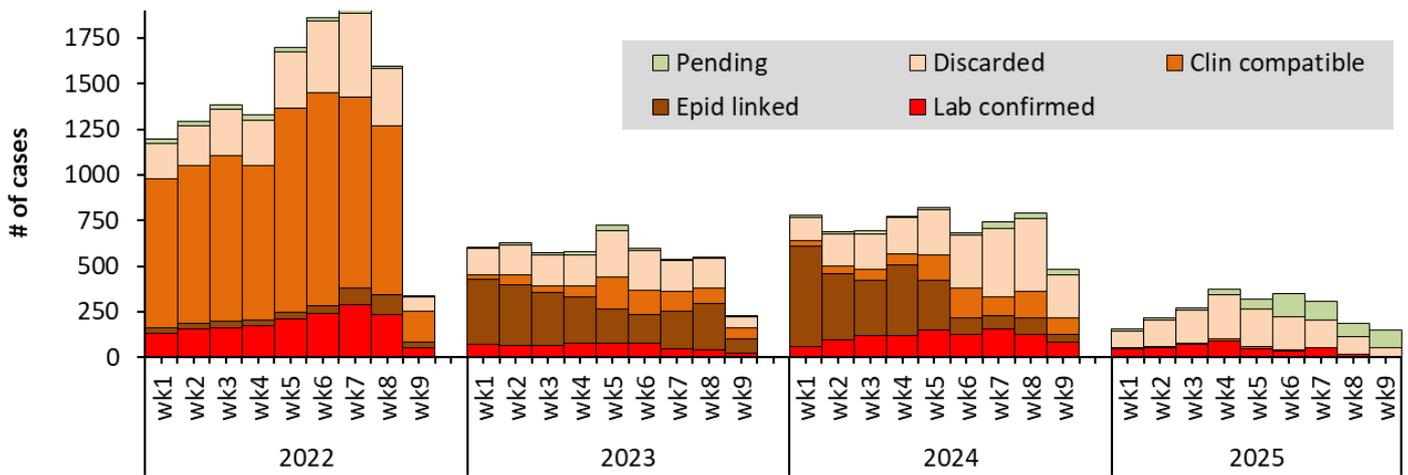


Figure 3: Epi-curve of measles cases in Nigeria, 2022 – 2025 (February)

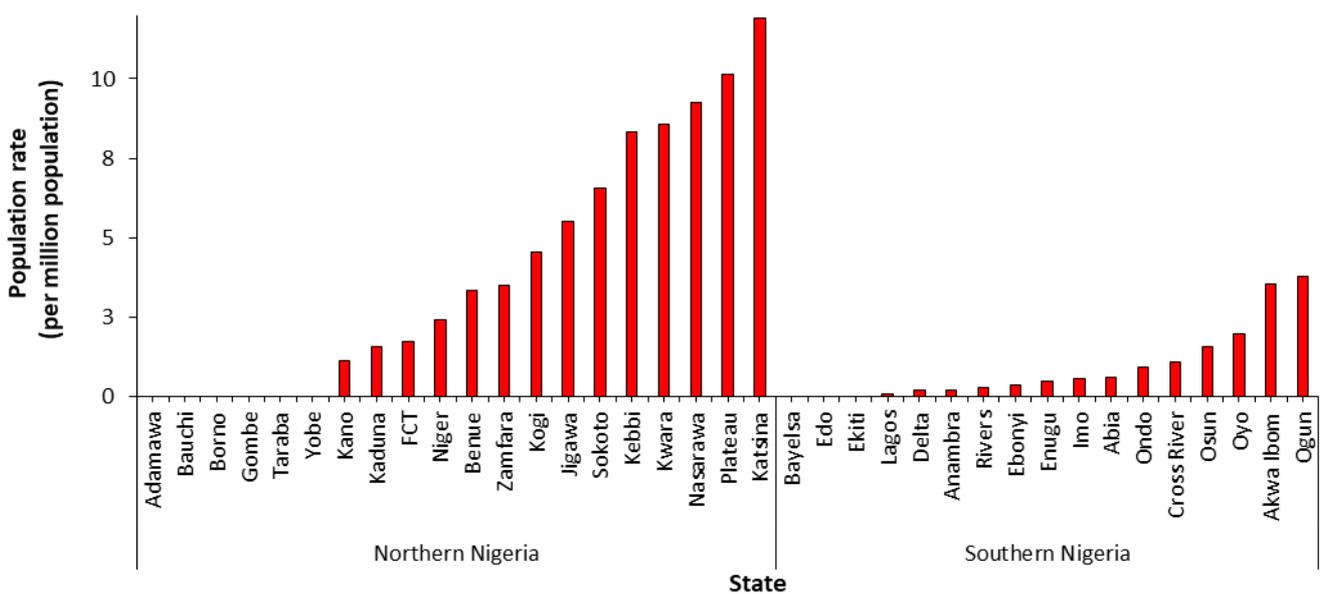


Figure 4: Incidence of confirmed measles cases in Nigeria (North & South), February 2025

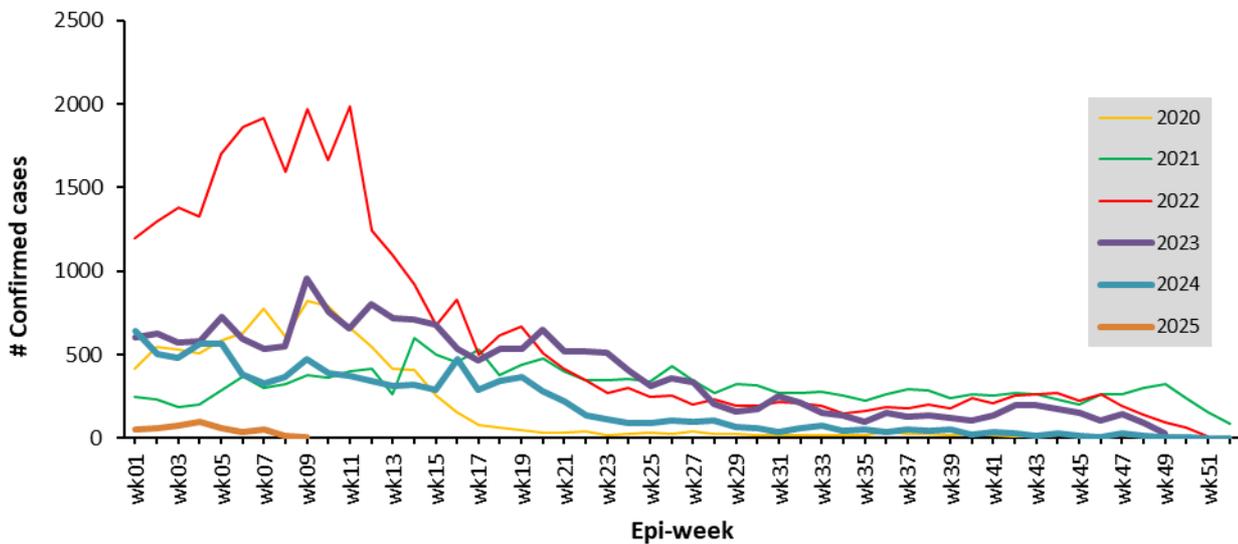


Figure 5: Trend of confirmed measles cases in Nigeria, 2021 – 2025 (epi-week 01 – 52)

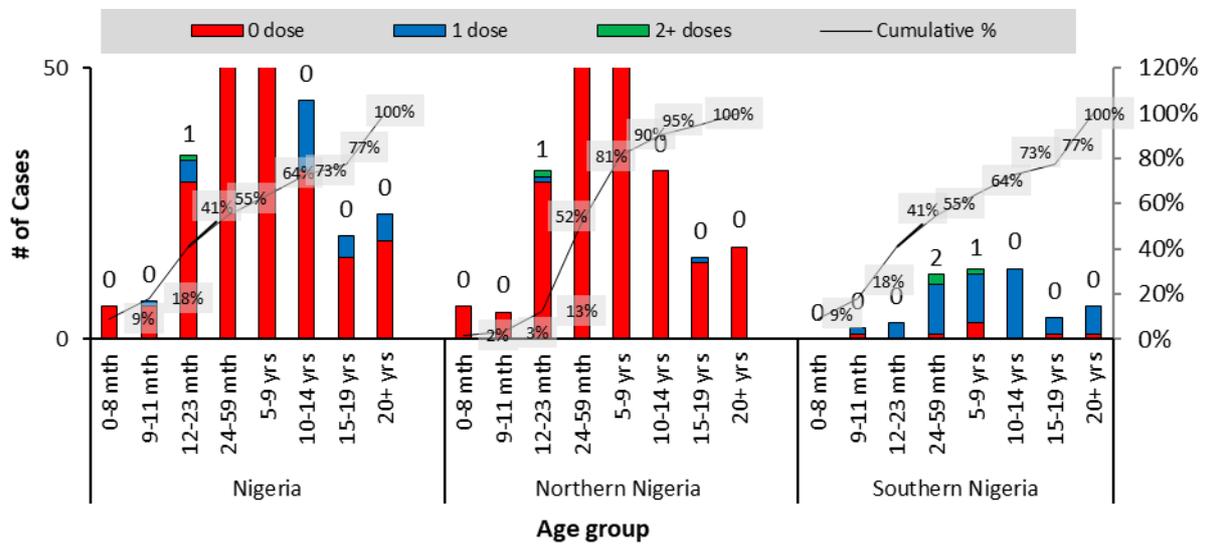


Figure 6: Vaccination status and age distribution lab-confirmed measles cases in Nigeria (Northern vs Southern zone), February 2025

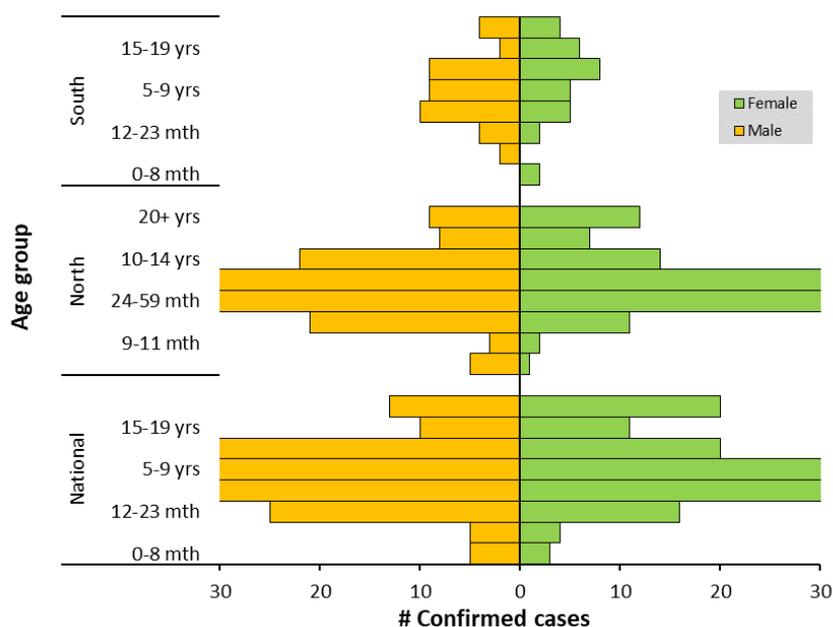


Figure 7: Age-sex distribution of confirmed measles cases in Nigeria (Northern and Southern zone), February 2025

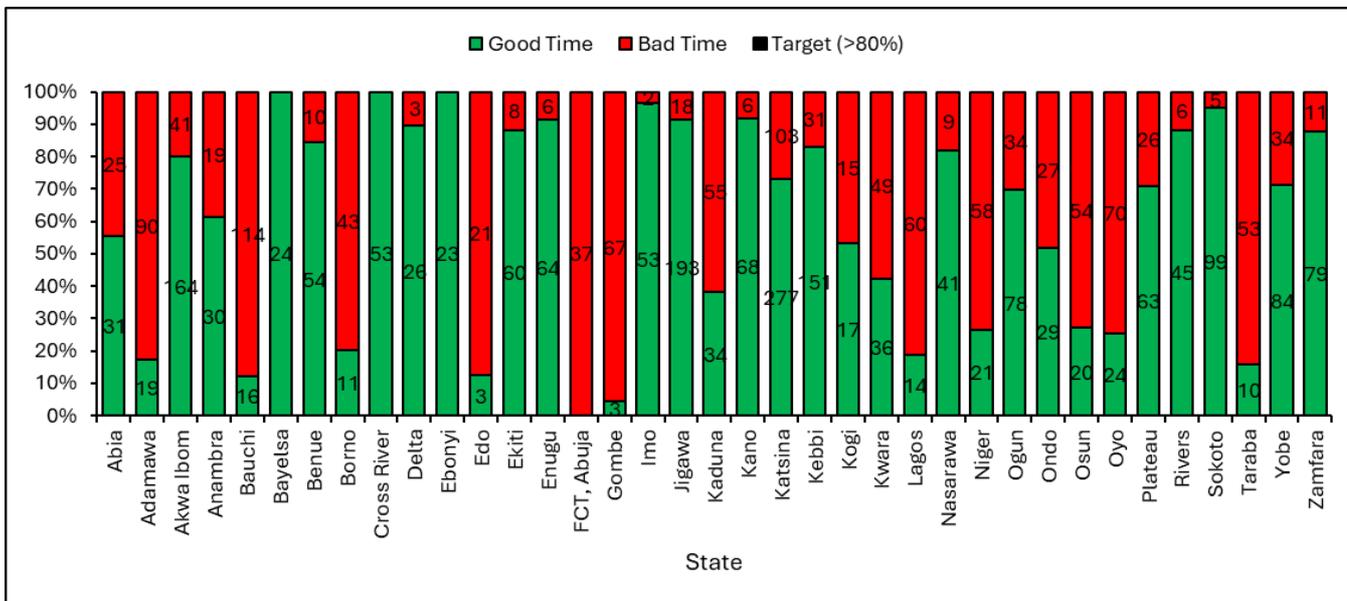


Figure 8: Proportion of measles samples reaching the laboratory in good time, Feb, 2025

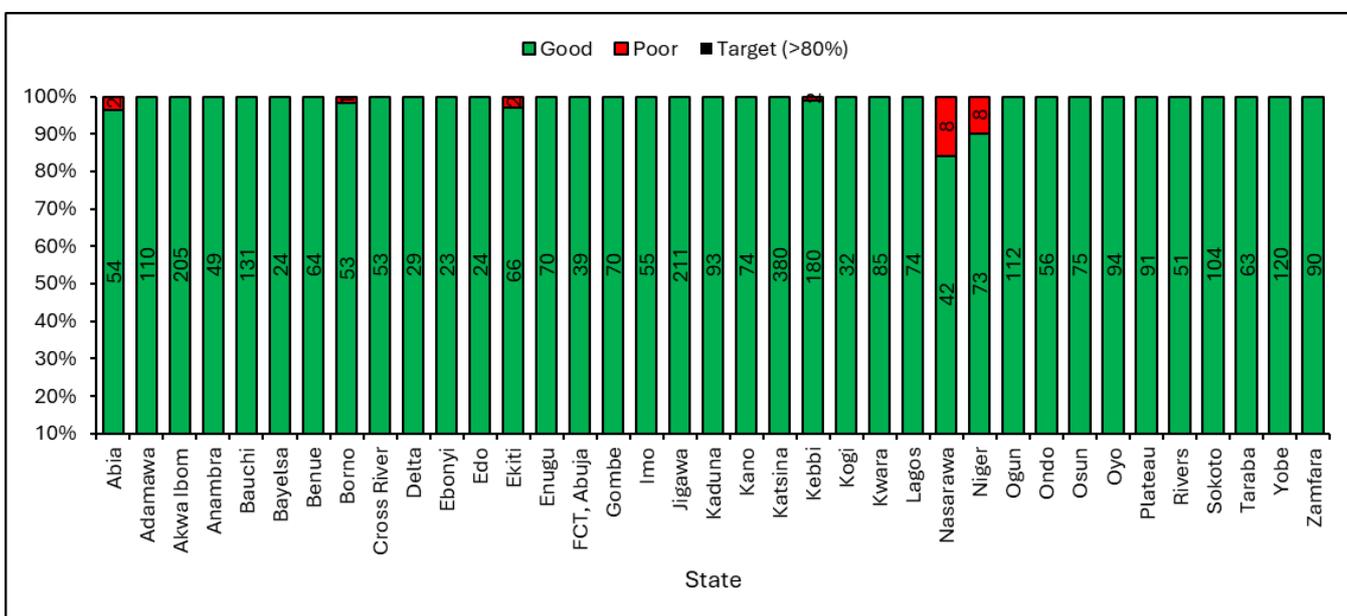


Figure 9: Proportion of measles samples getting to the lab in good condition, Feb, 2025

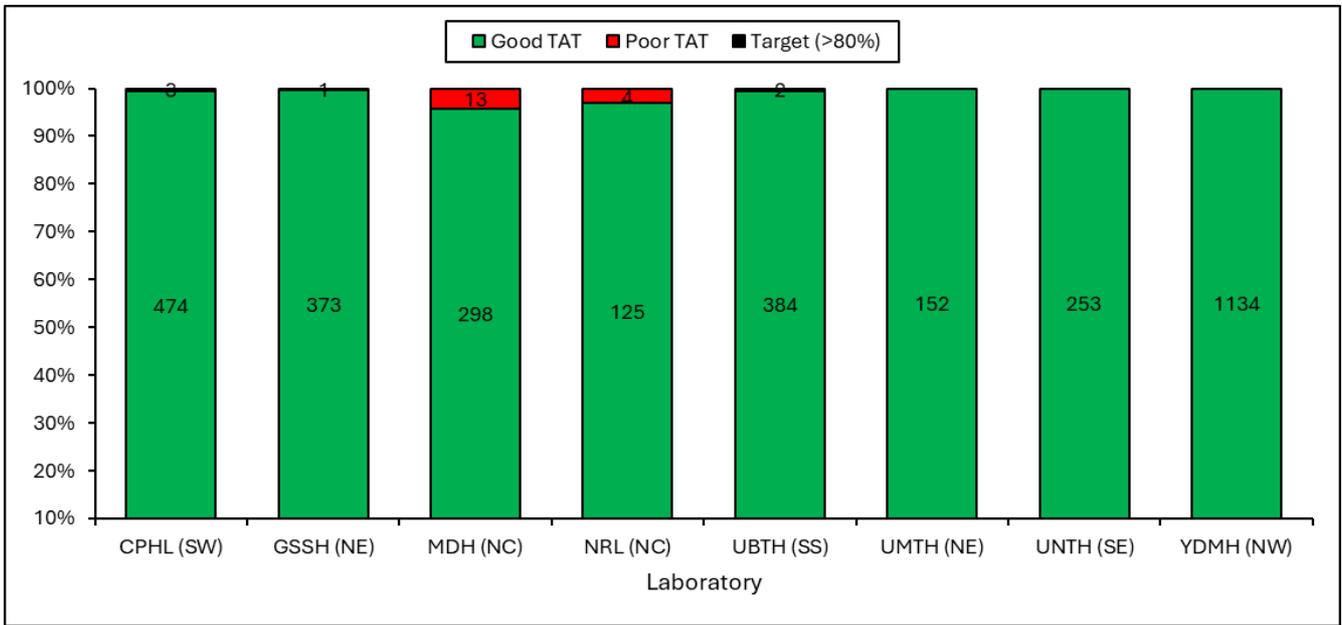


Figure 10: Proportion of measles samples with good turnaround time, Feb, 2025

Key Activities Conducted

– Coordination:

- Measles Outbreak Response (MOBR) Capacity Building training in Yobe and Adamawa States
- 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

Next Steps

- Stepdown the Measles Outbreak Response Capacity Building Training to state level in eight (8) states
- Follow up with states in outbreak for ongoing response activities and challenges in the various states
- Follow up with states (State Epids and SSO) and measles reference laboratories on using SORMAS in timely collecting and transmitting surveillance and laboratory data respectively.
- Weekly measles surveillance data review.
- Weekly/monthly tracking of surveillance and laboratory performance indicators and feedback.
- Virtual biweekly measles TWG meetings for timely review of measles surveillance data and feedback.