

MEASLES SITUATION REPORT

Serial Number 01

Data as at January 31st 2022



HIGHLIGHTS

■ In January 2022:

- Borno (166), Jigawa (94), Katsina (88), Kebbi (70), Kwara (43) and Anambra (40) accounted for 55.2% of the 908 suspected cases reported in January
- Of the 908 suspected cases reported, 254 (28.0%) were confirmed (88 lab confirmed & 166 clinically compatible), 148 (16.3%) were discarded and 506 (55.7%) are pending classification
- A total of 54 LGAs across 16 states reported at least one confirmed case
- The age group 9 - 59 months accounted for 180 (70.9%) of all confirmed cases
- Up to 149 (58.7%) of the confirmed cases have not received a dose of measles vaccine (“zero dose”)
- No death was recorded among the confirmed cases

■ Measles outbreaks as at January 31st 2022:

- In January 2022, 13 LGAs across 8 states recorded an outbreak of measles (Jigawa – 3; Katsina – 3; Rivers – 2; Enugu – 1; Anambra – 1; Delta – 1; Osun – 1 Sokoto – 1;)
- There is an ongoing outbreak of suspected measles cases in Zamfara State but this is awaiting confirmation due to the stock out of measles testing reagents in-country

SITUATION UPDATES

January 2022

SUSPECTED CASES

908

States With Suspected Cases
29 + FCT

LGAs with Suspected Cases
243

CONFIRMED CASES

254

States with Confirmed Cases
16

LGAs with Confirmed Cases
54

DEATHS AMONG CONFIRMED CASES

0

MEASLES OUTBREAKS

13

States with Measles Outbreaks
8

LGAs with Measles Outbreaks
13



World Health Organization



DeHealth AFRICA

AFENET

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Table 1: Distribution of key measles surveillance variables by states, January 2022

States	# Suspected cases	# Confirmed cases (%)	Classification of confirmed cases			% of confirmed cases aged 9-59 months	% of confirmed cases that are "zero dose"
			Lab. confirmed	Epid. linked	Clin. Compatible		
NORTH	641	191 (29.8%)	28	0	163	79.6%	61.8%
Adamawa	0	0	0	0	0	-	-
Bauchi	0	0	0	0	0	-	-
Benue	22	0	0	0	0	-	-
Borno	166	160 (96.4%)	0	0	160	86.3%	54.4%
FCT	6	0	0	0	0	-	-
Gombe	0	0	0	0	0	-	-
Jigawa	94	19 (20.2%)	16	0	3	57.9%	100.0%
Kaduna	18	0	0	0	0	-	-
Kano	9	0	0	0	0	-	-
Katsina	88	6 (6.8%)	6	0	0	50.0%	100.0%
Kebbi	70	0	0	0	0	-	-
Kogi	0	0	0	0	0	-	-
Kwara	43	0	0	0	0	-	-
Nasarawa	17	0	0	0	0	-	-
Niger	14	0	0	0	0	-	-
Plateau	25	0	0	0	0	-	-
Sokoto	34	6 (17.6%)	6	0	0	0.0%	100.0%
Taraba	0	0	0	0	0	-	-
Yobe	8	0	0	0	0	-	-
Zamfara	27	0	0	0	0	-	-
SOUTH	267	0	0	0	3	44.4%	49.2%
Abia	5	0	0	0	0	-	-
Akwa Ibom	4	2 (50.0%)	2	0	0	50.0%	50.0%
Anambra	40	19 (47.5%)	18	0	1	68.4%	-
Bayelsa	0	0	0	0	0	-	-
Cross River	0	0	0	0	0	-	-
Delta	14	3 (21.4%)	3	0	0	66.7%	66.7%
Ebonyi	19	0	0	0	0	-	-
Edo	9	1 (11.1%)	1	0	0	-	-
Ekiti	29	4 (13.8%)	4	0	0	-	50.0%
Enugu	18	2 (11.1%)	2	0	0	50.0%	100.0%
Imo	19	0	0	0	0	-	-
Lagos	17	4 (23.5%)	4	0	0	-	25.0%
Ogun	18	4 (22.2%)	4	0	0	75.0%	-
Ondo	20	2 (10.0%)	2	0	0	50.0%	-
Osun	14	6 (42.9%)	6	0	0	33.3%	83.3%
Oyo	24	12 (50.0%)	10	0	2	33.3%	8.3%
Rivers	17	4 (23.5%)	4	0	0	25.0%	50.0%
GRAND TOTAL	908	254 (28.0%)	88	0	166	70.9%	58.7%

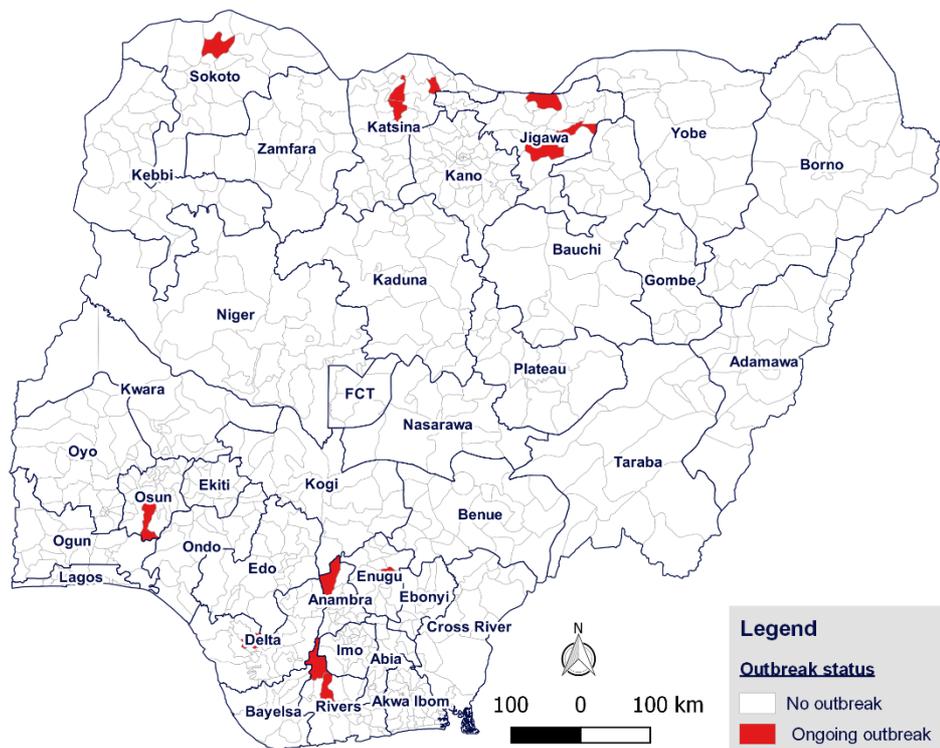


Figure 1: Distribution of LGAs with ongoing confirmed measles outbreak in Nigeria, January 2022

Table 2: Summary of key measles surveillance variables, January 2020 – 2022

Description of Cases (<i>source: case-based data</i>)	2020 (Jan)	2021 (Jan)	2022 (Jan)
# of suspected cases	3,049	1,018	908
• Number of LGAs with at least 1 suspected case	429	206	243
• Number of states with at least 1 suspected case	36 + FCT	34 + FCT	29 + FCT
# of suspected cases with blood collected	1,275	520	748
• Number of lab confirmed (IgM+)	556 (43.6%)	173 (33.3%)	88 (11.8%)
• Number of IgM- (Negative)	646 (50.7%)	331 (63.7%)	148 (19.8%)
• Number of IgM indeterminate	11 (0.9%)	9 (1.7%)	6 (0.8%)
• Number of samples not tested (not done)	1 (0.1%)	0	0
• Number of pending samples	61 (4.8%)	7 (1.4%)	506 (67.7%)
# of confirmed cases	2,342	680	254
• Number of laboratory confirmed (IgM+)	556 (23.7%)	173 (25.4%)	88 (34.7%)
• Number of epidemiologically linked	480 (20.5%)	232 (34.1%)	0
• Number of clinically compatible	1,306 (55.8%)	275 (40.4%)	166 (65.3%)
# of LGAs with at least 1 confirmed case	268	84	54
# of states with at least 1 confirmed case	36 + FCT	23 + FCT	16
# of deaths among confirmed cases (CFR)	16 (0.7%)	7 (1.0)	0
# of measles outbreak (<i>source: lab data</i>)			
• # of LGAs with measles outbreak	78	19	13
• # of states with at least 1 LGA with measles outbreak	24	11 + FCT	8

Table 3: Trend of measles surveillance performance indicators, January, 2022

Surveillance Performance Indicator	Target	2020 (Jan)	2021 (Jan)	2022 (Jan)
Annualized measles incidence	< 1/million population	128.9	36.3	13.1
Annualized non-measles febrile rash illness (NMFRI) rate	≥ 2/100,000 population	3.6	1.8	0.8
Proportion of reported measles cases from whom blood specimen was collected	≥ 80%	49.6%	66.2%	82.4%
Proportion of LGAs that reported at least 1 measles case with blood specimen collected	≥ 80%	49.4%	25.2%	30.9%
Annualized rate of investigation (with blood specimens) of suspected measles cases	> 1/100,000 population	7.0	2.8	3.9
Proportion of lab confirmed measles cases	< 10%	45.8%	33.7%	36.4%
Proportion of serum specimens arriving measles laboratory in good condition	≥ 90%	93.5%	93.4%	100.0%

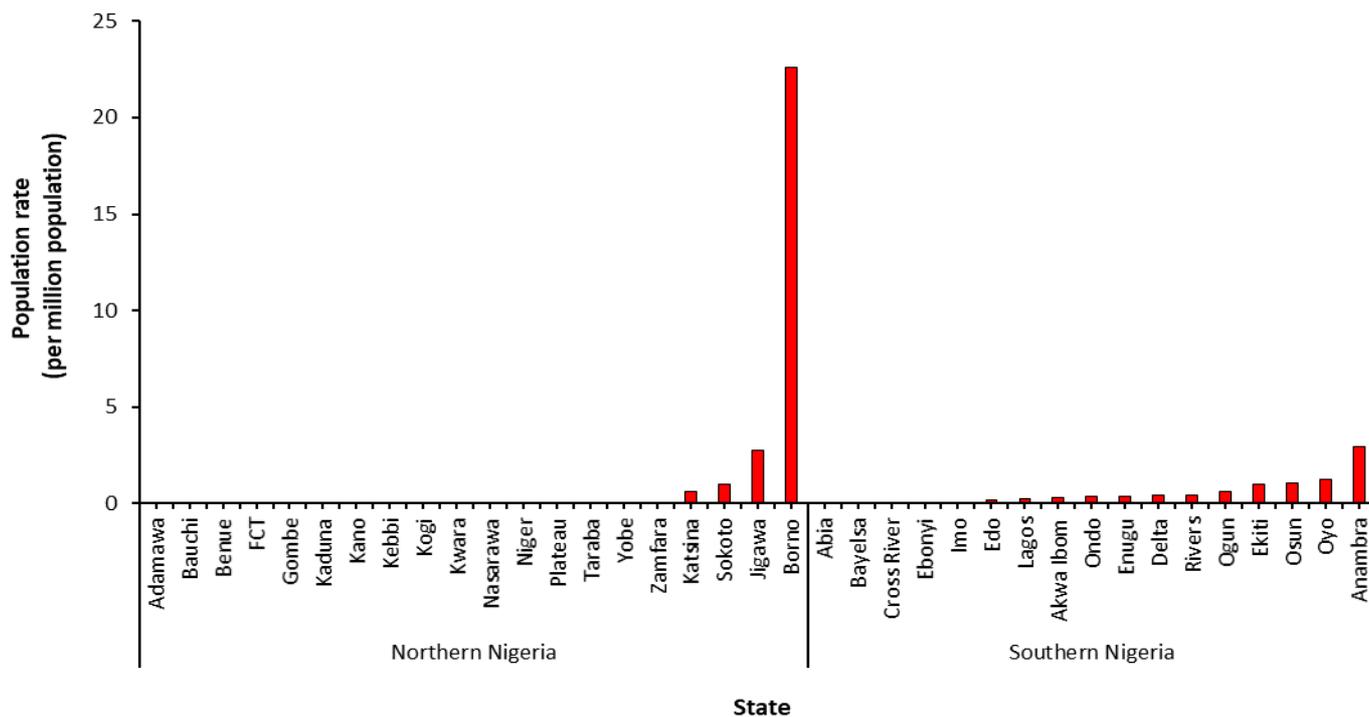


Figure 2: Annualized population rate of confirmed measles cases in Nigeria (North and South), January 2022

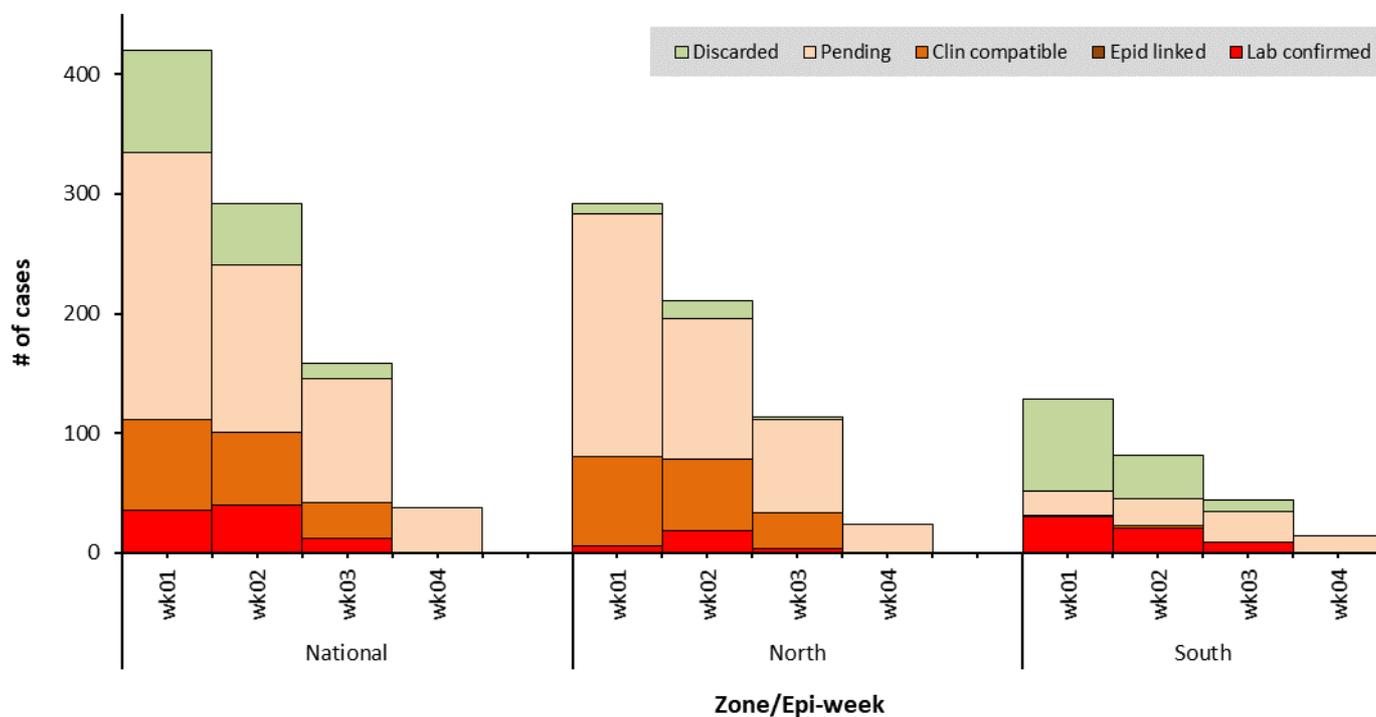


Figure 3: Epi-curve of confirmed measles cases in Nigeria (North and South), epi-week 01 - 04, 2022

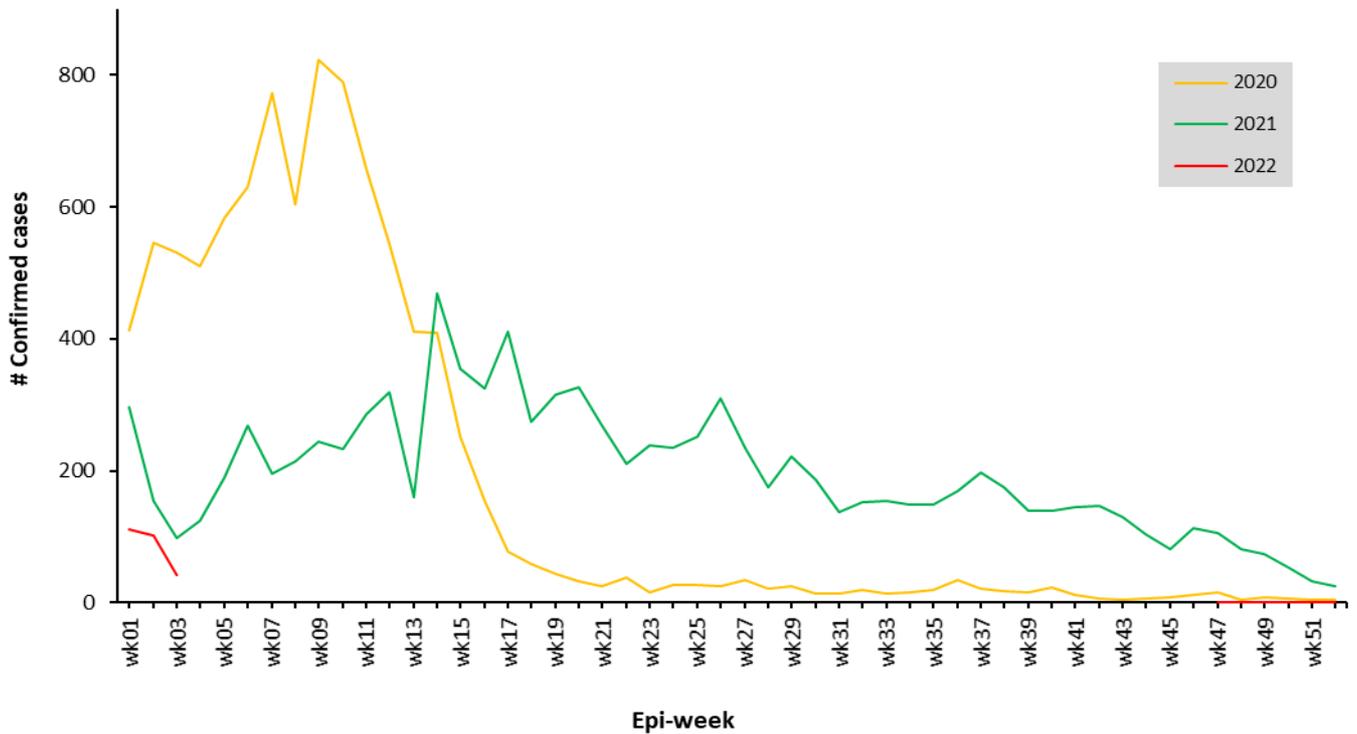


Figure 4: Trend of confirmed measles cases in Nigeria, 2020 – 2022 (epi-week 01 – 04)

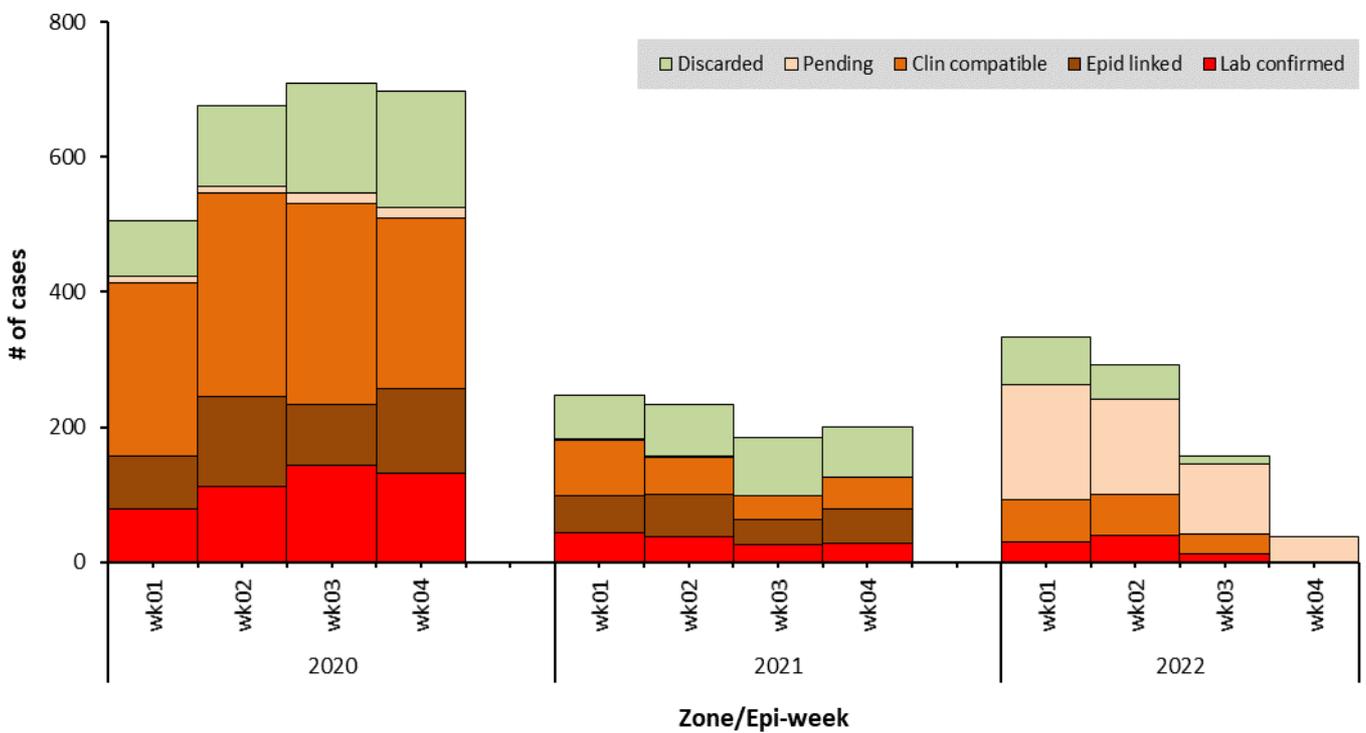


Figure 5: Epi-curve of confirmed measles cases in Nigeria, 2020 – 2022 (epi-week 01 – 04)

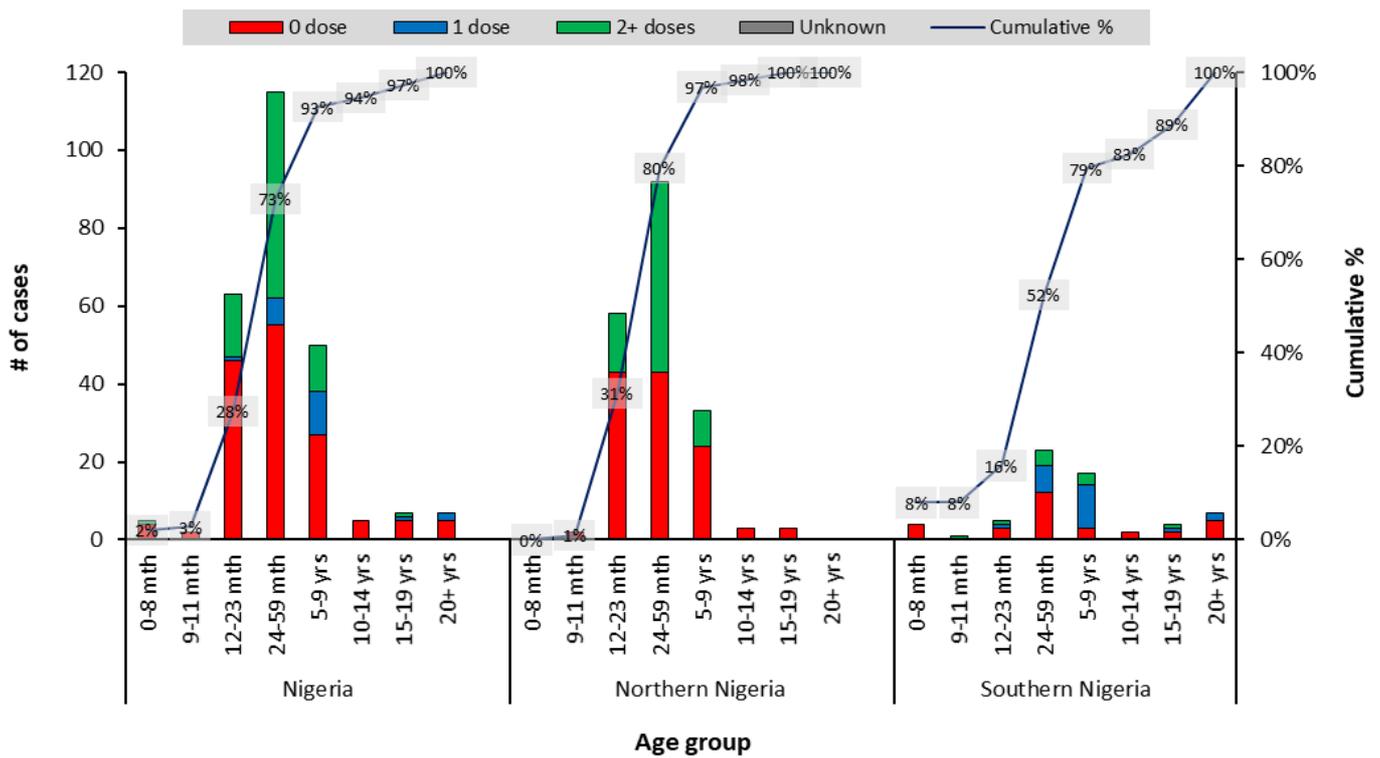


Figure 6: Vaccination status and age distribution confirmed measles cases in Nigeria, January 2022

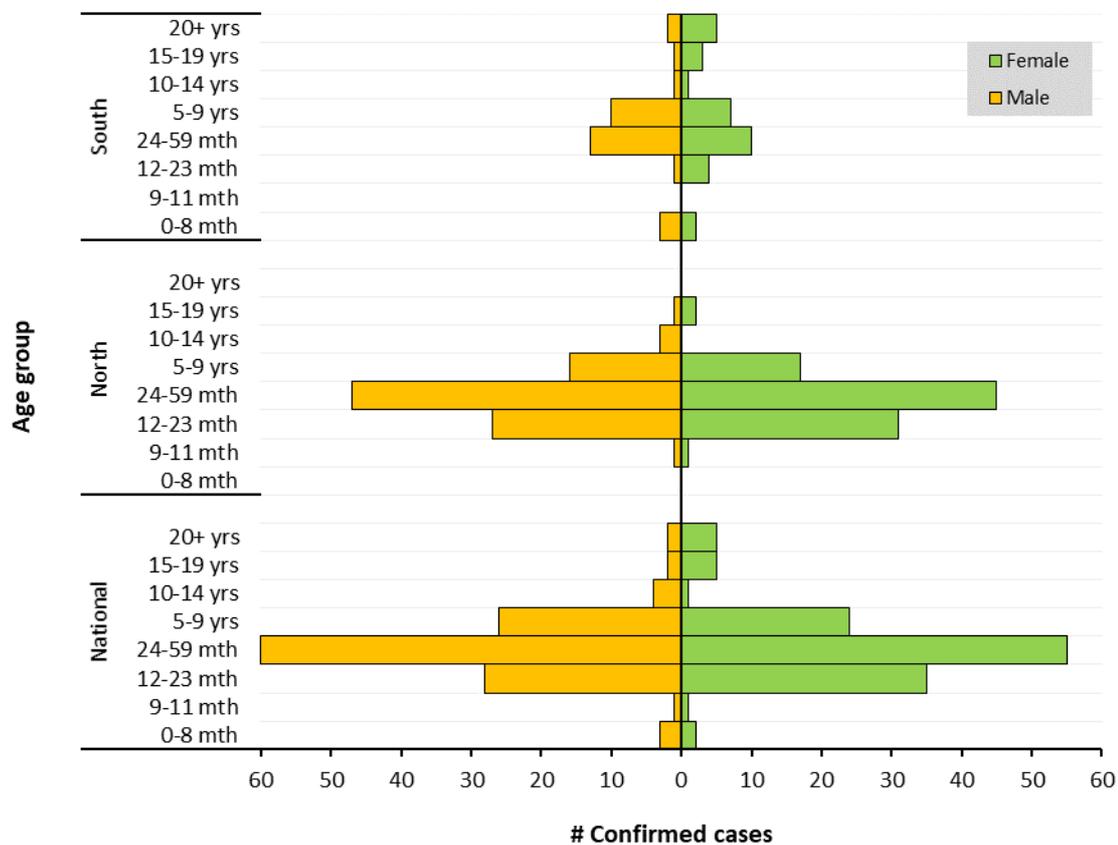


Figure 7: Age-sex distribution of confirmed measles cases in Nigeria (North and South), January 2022

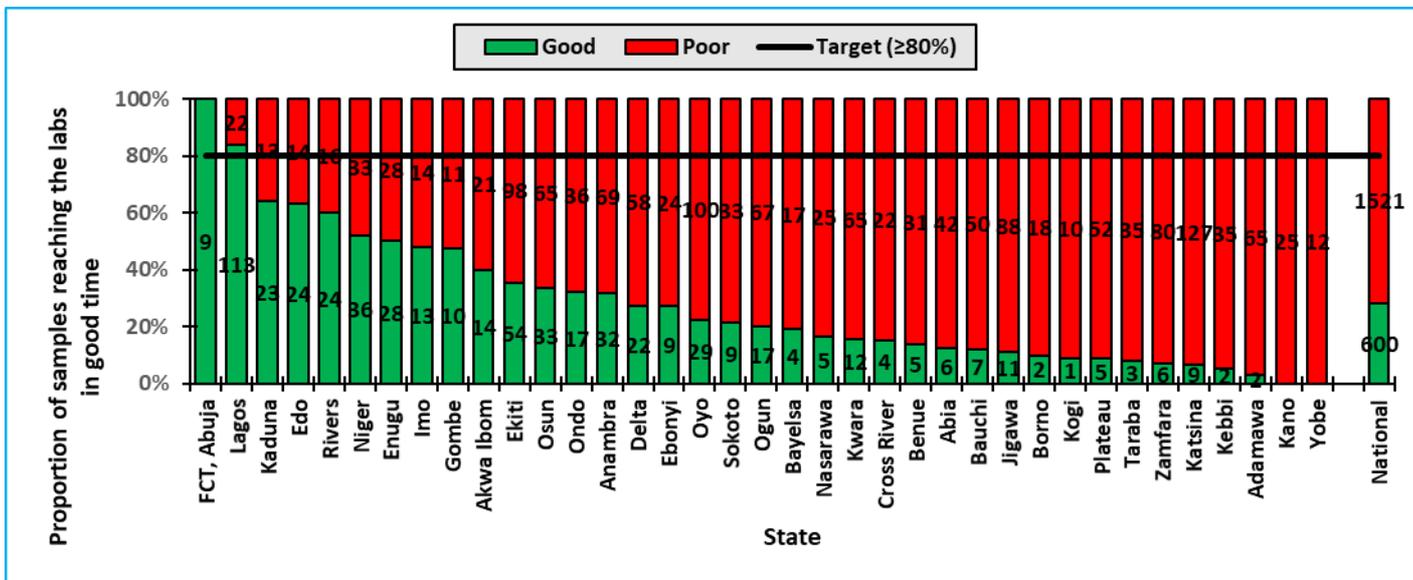


Figure 8: Proportion of measles samples reaching the laboratory in good time, January 2022

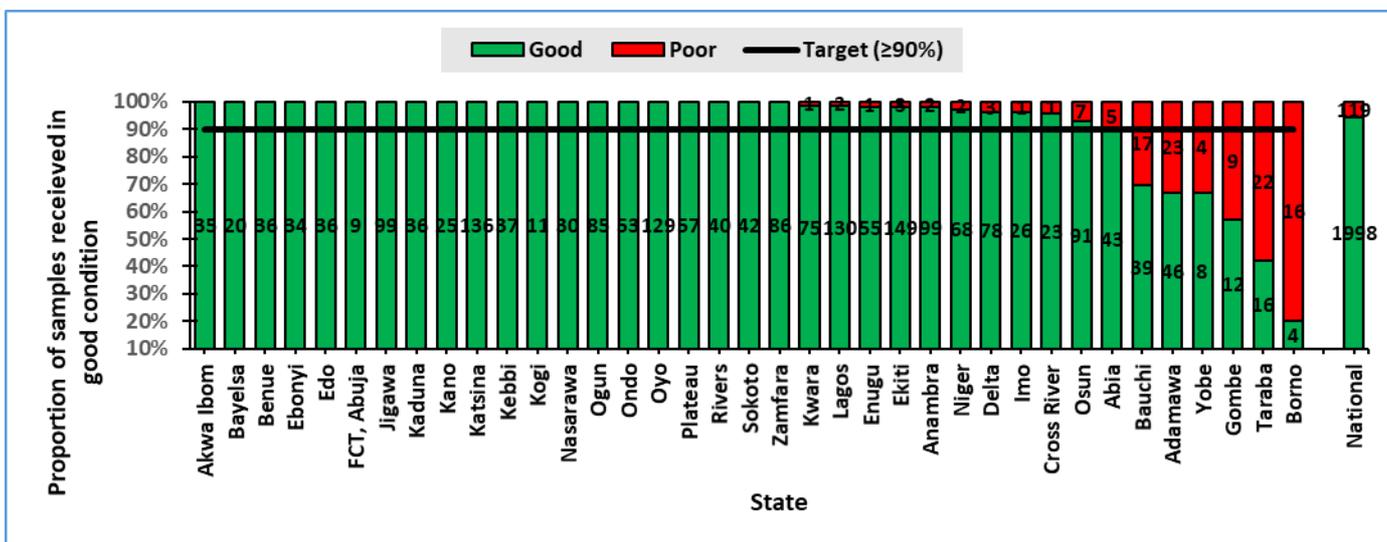


Figure 9: Proportion of measles samples getting to the lab in good condition, January 2022

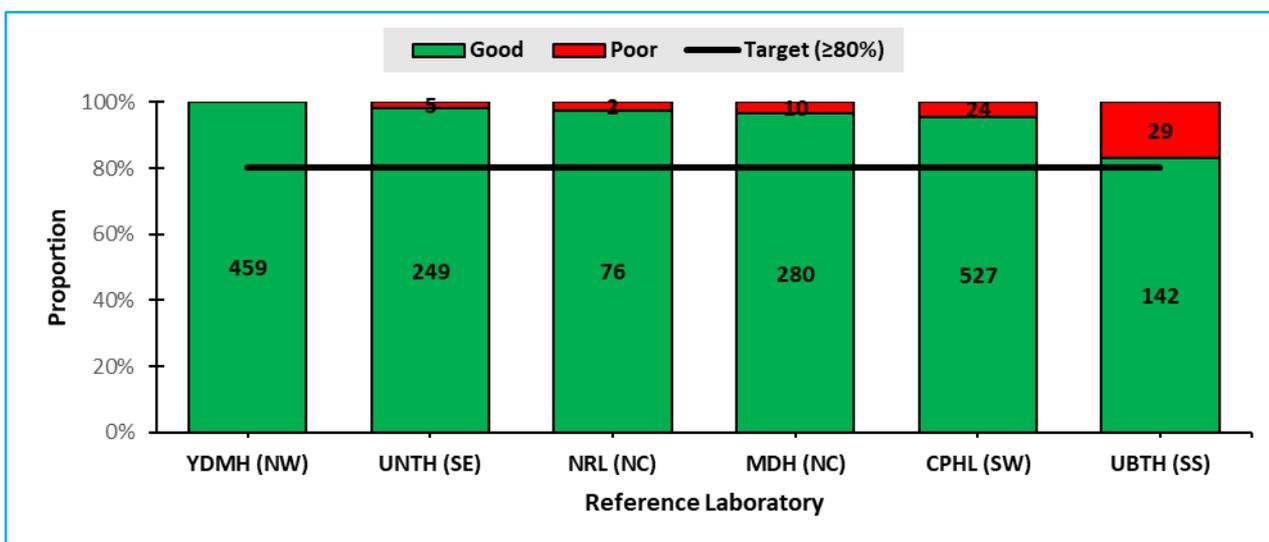


Figure 10: Proportion of measles samples with good turn around time, January 2022