



MEASLES OUTBREAK SITUATION REPORT: No. 14	OUTBREAK START DATE: DECEMBER 13, 2021
REPORTING PERIOD: July 11-20, 2022	
REPORTING DATE: JULY 28, 2022	

HIGHLIGHTS

Situation Updates as of July 11-20, 2022

- Two hundred thirty-nine (239) new cases reported from fourteen (14) counties
- Two new deaths reported from Montserrado and Rivercess counties
- CFR: 1.3% (71/5,528)

Situation Context

Since the outbreak started on 13th December 2021, there has been:

- A total of **5,923** suspected cases reported from 61 health districts in 15 counties
- Montserrado County accounts for 55% (3,265/5,923) of all suspected cases reported
- Of the 5,923 suspected cases recorded, 5,528 were confirmed in the following categories:
 - Laboratory confirmed – 6.7% (369/5,528)
 - Clinically confirmed – 9.1% (503/5,528)
 - Epi linked – 84% (4,657/5,528)
- Vaccination status among confirmed cases:
 - Vaccinated – 44.8% (2,474/5,528)
 - Not vaccinated – 44.1% (2,439/5,528)
 - Unknown – 9.6% (531/5,528)
 - Not applicable* - 1.5% (85/5,528)
- Median age 6 (range: 1 month - 67 years)
- A total of seven-one (71) deaths have been recorded (Montserrado-59, Bomi-4, Grand Cape Mount-3, Bong-2, Nimba-1, Grand Bassa-1, and Rivercess-1).

* Not applicable referred to people less than the vaccination age

Table 1: Confirmed Measles Cases by District & County, Liberia, 13th December 2021-20th July 2022

County	District	Cases	Deaths
Montserrado	Bushrod	1,306	15
	Commonwealth	646	11
	Somalia Drive	657	28
	Central Monrovia	355	1
	St. Paul	149	2
	Careysburg	80	0
	Todee	144	2
Bong	Zota	41	2
	Panta	27	0
	Salala	70	0
	Suakoko	75	0
	Jorquelleh	15	0
Margibi	Firestone	15	0
	Kakata	167	0
	Mamba Kaba	93	0
	Gibi	81	0
Nimba	Saclepea-Mah	102	0
	Sanniquellie-Mah	194	0
	Gbehlay Geh	55	0
	Yarwin Mehnsonnoh	58	1
	Zoe-Geh	137	0
	Tappita	33	0
Maryland	Harper	86	0
	Pleebo	53	0
Lofa	Voinjama	85	0
	Salayea	33	0
	Zorzor	17	0
	Foya	13	0
Grand Cape Mount	Gola Konneh	35	2
	Tewor	6	0
	Garwula	14	1
	Commonwealth C	7	0
B o m i	Klay	19	1
	Dowein	11	0

	Senjeh	23	3
	Suehn Mecca	6	0
Grand Bassa	District #2	9	0
	District #1	72	1
	District # 3 A&B	93	0
	Buchanan	173	0
	Owensgrove	26	0
	District #4	27	0
	District #3 C	3	0
Grand Kru	Trehn	13	0
	Barclayville	5	0
River Gee	Chedepo	3	0
	Potupo	5	0
Rivercess	Jo-River	5	0
	Timbo	7	0
	Central C	16	1
Gbarpolu	Belle	7	0
	Gbarma	6	0
Sinoe	Gblonee	45	0
	Jedepo	19	0
	Dugbeh River	10	0
	Kpanyan	8	0
Grand Gedeh	Tchien	34	0
	Konobo	8	0
	Gbao	6	0
	Putu	11	0
	Bhai	9	0
Total	62	5,528	71

Table 2: Measles Cases by County & Epi classification, Liberia, 13 December, 2021- 20th July 2022

County	Reporting week (July 11-20, 2022)	Cumulative (Week 50, 2021 - Week 25, 2022)	Death	CFR (%)	Negative	Lab	Epi- linked	Clinically compatible	Outbreak status
Montserrado	135	3,265	59	1.8	75	139	2,848	144	Ongoing
Nimba	24	608	1	0.2	29	34	506	38	Ongoing
Margibi	24	495	0	0.0	28	33	421	13	Ongoing
Grand Bassa	27	433	1	0.2	30	21	284	97	Ongoing
Lofa	2	204	0	0.0	57	25	85	37	Ongoing
Bong	7	275	2	0.7	10	12	232	19	Ongoing
Maryland	8	141	0	0.0	2	17	105	17	Ongoing
Grand Gedeh	3	131	0	0.0	68	22	20	21	Ongoing
Sinoe	1	106	0	0.0	16	12	24	54	Ongoing
Bomi	1	78	4	7.2	19	24	17	16	Ongoing
Grand Cape Mount	2	79	3	5.0	17	12	21	26	Ongoing
Grand Kru	1	33	0	0.0	16	5	6	6	Ongoing
Gbarpolu	0	21	0	0.0	8	3	9	3	Ongoing
Rivercess	3	31	1	0.0	9	6	7	8	Ongoing
River Gee	1	19	0	0.0	11	4	0	4	Ongoing
Total	239	5,923	71	1.5	395	369	4,585	503	

Table 3: Status of Measles Cases by County, Liberia, 13TH Dec, 2021-20th July, 2022

County	Total Cases	Active	Recovery	Deaths	# of Districts
<i>Montserrado</i>	3,265	135	3,071	59	7/7
<i>Nimba</i>	608	24	583	1	6/6
<i>Margibi</i>	495	24	471	0	4/4
<i>Grand Bassa</i>	433	27	404	2	7/8
<i>Lofa</i>	204	2	202	0	4/6
<i>Bong</i>	277	7	268	2	5/9
<i>Maryland</i>	141	8	133	0	2/6
<i>Grand Gedeh</i>	131	3	129	0	5/6
<i>Sinoe</i>	106	1	105	0	4/10
<i>Bomi</i>	78	1	73	4	4/4
<i>Grand Cape Mount</i>	79	2	74	3	4/5
<i>Grand Kru</i>	33	1	32	0	2/5
<i>Gbarpolu</i>	23	0	23	0	2/5
<i>Rivercess</i>	31	3	27	1	3/6
<i>River Gee</i>	19	6	13	0	3/6
Total	5,923	244	5,608	71	62/93

OUTBREAK OF MEASLES CASES BY HEALTH DISTRICT (DECEMBER 13 2021 - 20, JULY 2022)

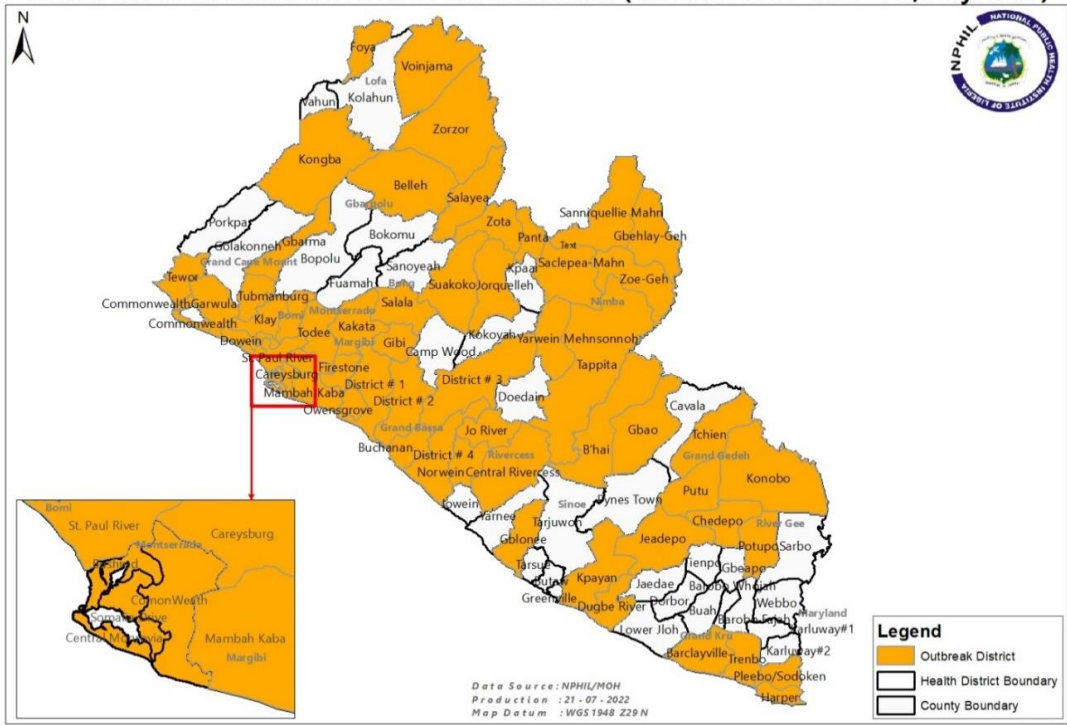


Figure 1: Distribution of Measles Cases in Liberia

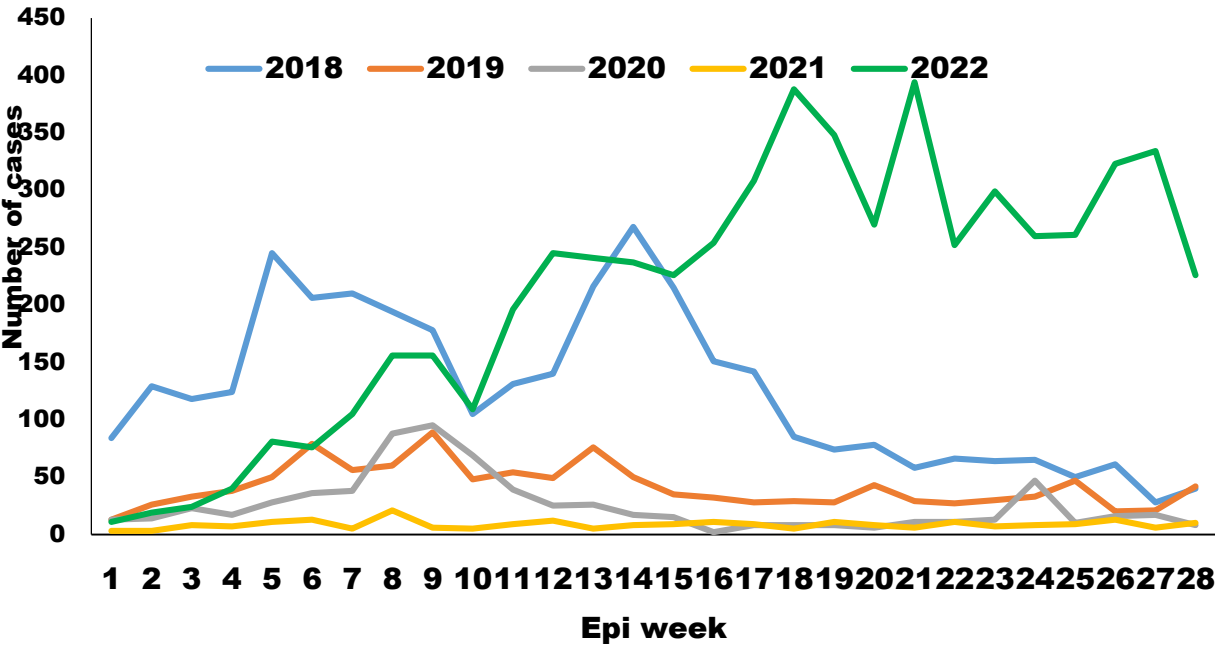


Figure 2: Trend of Measles Cases in Liberia, Epi week 1-28, 2018-2022

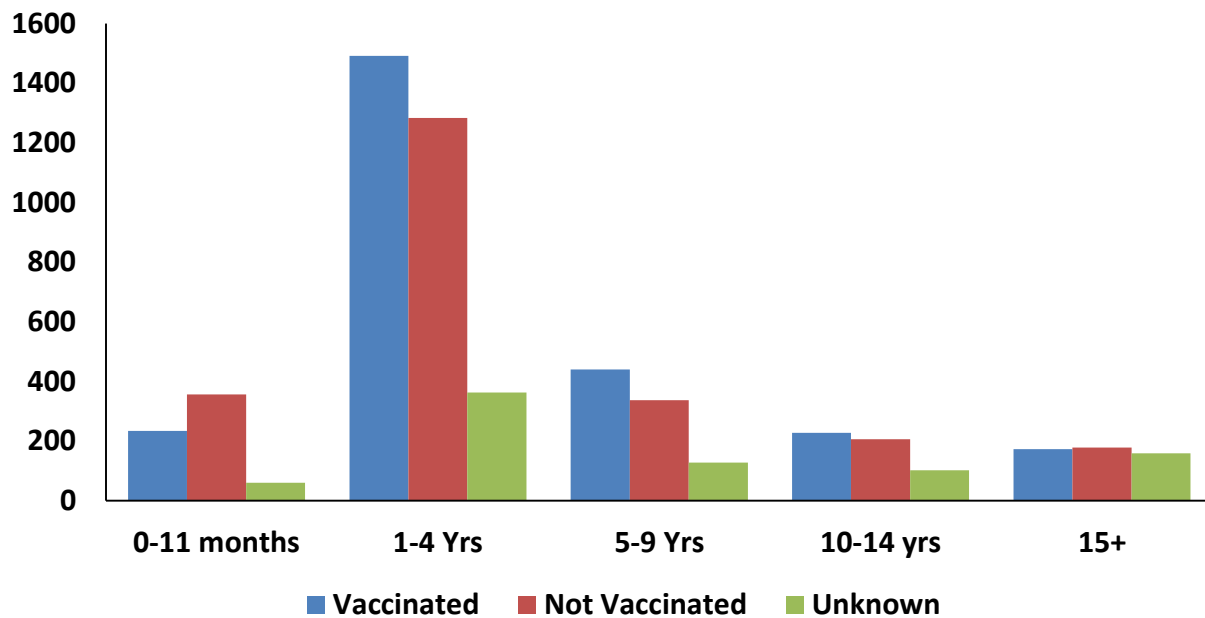


Figure 3: Vaccination status of confirmed Measles cases by Age group, Liberia, 13TH December, 2021- 20th July, 2022

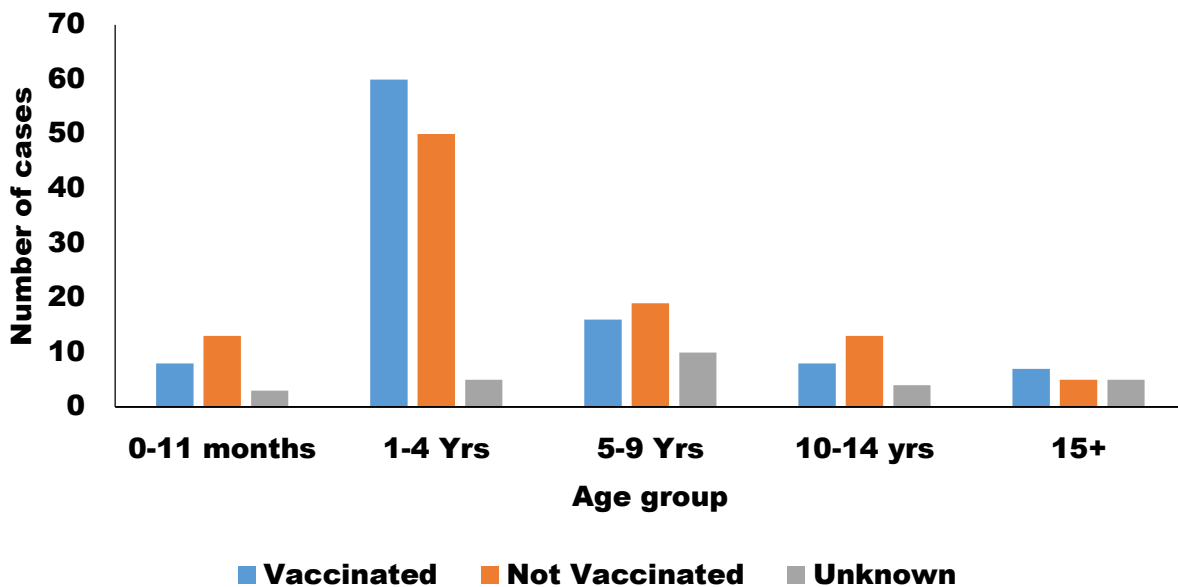


Figure 4: Measles deaths by Age group and Vaccination Status, Liberia, 13th December 2021-20th July, 2022

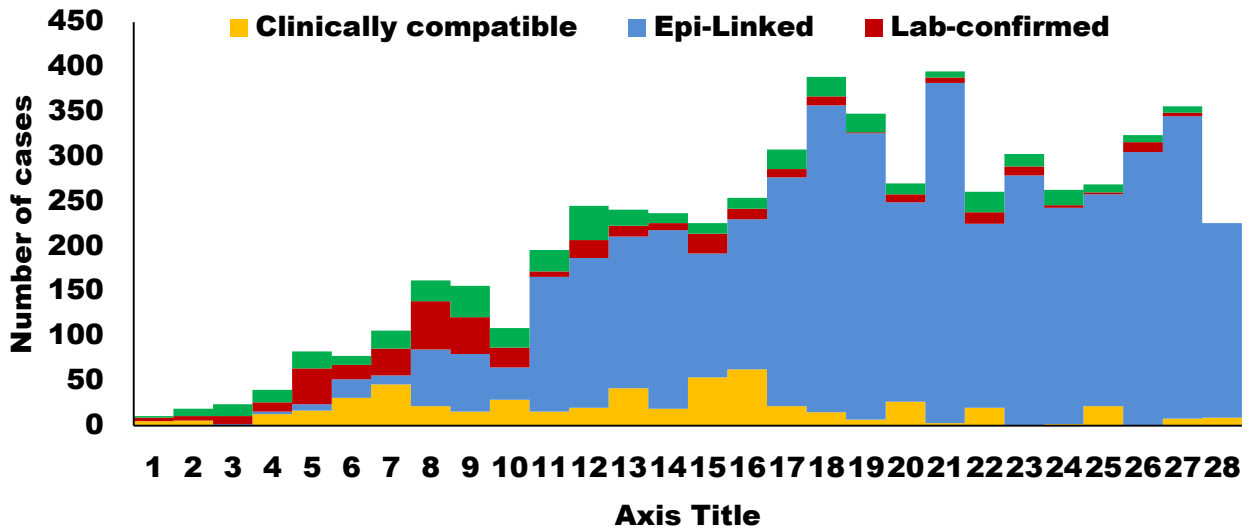


Figure 5: Epi Curve of Measles cases by Epi Classification, Liberia, Epi week 1-28

PUBLIC HEALTH RESPONSE

I. Coordination

- Ongoing monitoring of measles surveillance data with provision of feedback to relevant stakeholders and developmental partners

II. Epidemiological Surveillance

- Active case search and line listing of cases ongoing

III. Case management

- Isolation of cases ongoing

IV. Immunization

- Phase 2 of the nationwide Measles campaign ongoing in all 15 counties:
 - Target 313, 817 children
 - Age group 9-59 months
 - Supported by WHO and UNICEF

V. Laboratory

- Three hundred sixty-eight (368) cases have been confirmed by laboratory from 62 health districts in 15 counties
- Lack of specimen collection kit in Grand Cape Mount County

VI. Risk Communication and Community Engagement

- Airing of measles prevention and control messages ongoing (Rivercess, Bomi and Lofa) counties

VII. Challenges

- Lacked of essential medications and medical supplies for case management
- No support for surveillance team for field work
- Delay lab result from NPHRL

Next steps

- NPHIL/partners to procure essential drugs for case management
- Develop national Measles preparedness and response guide.
- Develop and validate national Measles and Rubella Surveillance guide.
- Develop and validate Measles SOP.
- Continue social mobilization

For comments or questions, please contact

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