



<b>MEASLES OUTBREAK SITUATION REPORT: No. 15</b>	<b>OUTBREAK START DATE: DECEMBER 13, 2021</b>
<b>REPORTING PERIOD: July 18-27, 2022</b>	
<b>REPORTING DATE: August 5, 2022</b>	

## HIGHLIGHTS

### *Situation Updates as of July 18-27, 2022*

- One hundred ninety-one (191) new cases reported from twelve (12) counties
- One new death reported from Montserrado County
- CFR: 1.3% (72/5,712)

### *Situation Context*

Since the outbreak started on 13<sup>th</sup> December 2021, there has been:

- A total of **6,111** suspected cases reported from 62 health districts in 15 counties
- Montserrado County accounts for 56% (3,408/6,111) of all suspected cases reported
- Of the 6,111 suspected cases recorded, 5,712 were confirmed in the following categories:
  - Laboratory confirmed – 6.5% (372/5,712)
  - Clinically confirmed – 8.8% (503/5,712)
  - Epi linked – 84.7% (4,838/5,712)
- Vaccination status among confirmed cases:
  - Vaccinated – 44.6% (2,549/5,712)
  - Not vaccinated – 44.2% (2,526/5,712)
  - Unknown – 9.8% (557/5,712)
  - Not applicable\* - 1.6% (90/5,712)
- Median age 6 (range: 1 month - 67 years)
- A total of seven-one (72) deaths have been recorded (Montserrado-60, Bomi-4, Grand Cape Mount-3, Bong-2, Nimba-1, Grand Bassa-1, and Rivercess-1).

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\* Not applicable referred to people less than the vaccination age

**Table 1: Confirmed Measles Cases by District & County, Liberia, 13<sup>th</sup> December 2021-27<sup>th</sup> July 2022**

County	District	Cases	Deaths
<b>Montserrado</b>	Bushrod	1,366	16
	Commonwealth	633	11
	Somalia Drive	646	28
	Central Monrovia	356	1
	St. Paul	136	2
	Careysburg	77	0
	Todee	139	2
<b>Bong</b>	Zota	41	2
	Panta	27	0
	Salala	70	0
	Suakoko	75	0
	Jorquelleh	15	0
<b>Margibi</b>	Firestone	107	0
	Kakata	198	0
	Mamba Kaba	95	0
	Gibi	91	0
<b>Nimba</b>	Saclepea-Mah	102	0
	Sanniqueлие-Mah	195	0
	Gbehlay Geh	57	0
	Yarwin Mehnsonnoh	60	1
	Zoe-Geh	147	0
	Tappita	33	0
<b>Maryland</b>	Harper	89	0
	Pleebo	57	0
<b>Lofa</b>	Voinjama	85	0
	Salayea	34	0
	Zorzor	17	0
	Foya	12	0
<b>Grand Cape Mount</b>	Gola Konneh	35	2
	Tewor	6	0
	Garwula	15	1
	Commonwealth C	8	0
	Klay	21	1

<b>Bomi</b>	Dowein	11	0
	Senjeh	22	3
	Suehn Mecca	4	0
<b>Grand Bassa</b>	District #2	9	0
	District #1	72	1
	District # 3 A&B	92	0
	Buchanan	182	0
	Owensgrove	27	0
	District #4	27	0
	District #3 C	4	0
<b>Grand Kru</b>	Trehn	12	0
	Barclayville	5	0
<b>River Gee</b>	Chedepo	5	0
	Potupo	5	0
<b>Rivercess</b>	Jo-River	5	0
	Timbo	2	0
	Central C	15	1
<b>Gbarpolu</b>	Belle	7	0
	Gbarma	6	0
<b>Sinoe</b>	Gblonee	44	0
	Jedepo	28	0
	Dugbeh River	10	0
	Kpanyan	9	0
<b>Grand Gedeh</b>	Tchien	32	0
	Konobo	8	0
	Gbao	6	0
	Putu	9	0
	B'hai	9	0
<b>Total</b>	<b>62</b>	<b>5,712</b>	<b>72</b>

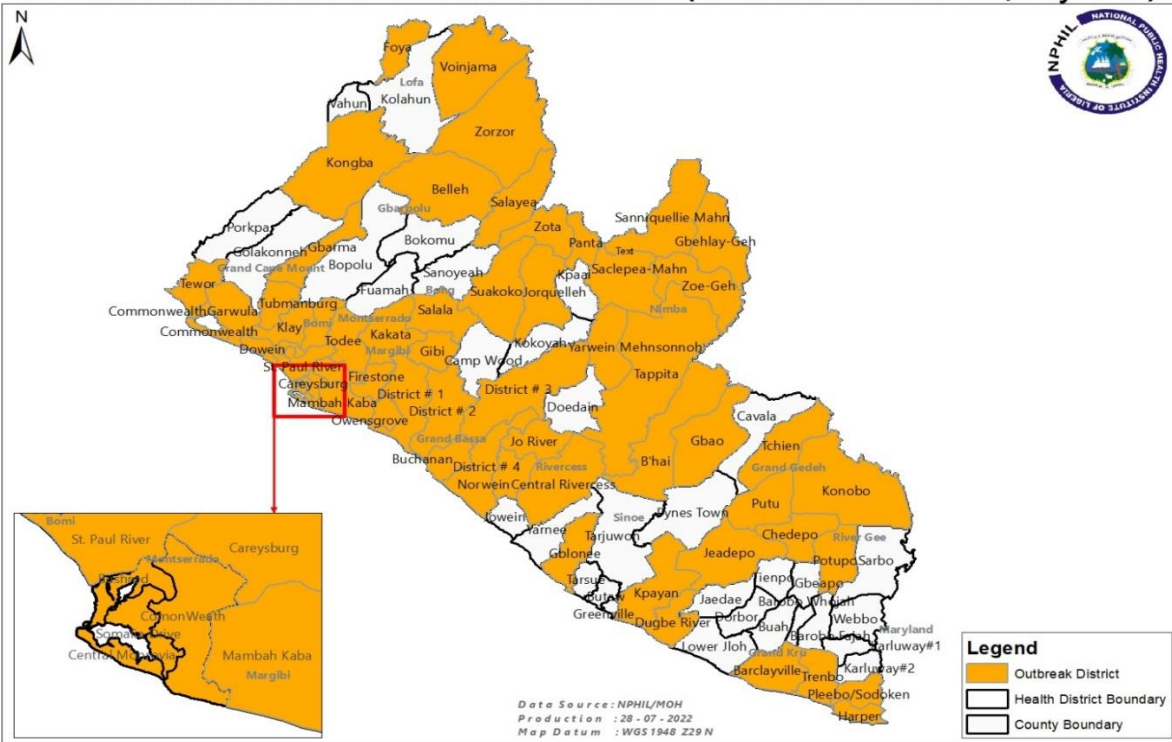
**Table 2: Measles Cases by County & Epi classification, Liberia, 13 December, 2021- 27<sup>th</sup> July 2022**

<b>County</b>	<b>Reporting week (July 18-27, 2022)</b>	<b>Cumulative (Week 50, 2021 - Week 29, 2022)</b>	<b>Death</b>	<b>CFR (%)</b>	<b>Negative</b>	<b>Lab</b>	<b>Epi- linked</b>	<b>Clinically compatible</b>	<b>Outbreak status</b>
<i>Montserrado</i>	141	3,408	60	1.8	75	136	2,995	142	Ongoing
<i>Nimba</i>	5	613	1	0.2	29	34	511	38	Ongoing
<i>Margibi</i>	14	509	0	0.0	28	33	435	13	Ongoing
<i>Grand Bassa</i>	10	443	1	0.2	30	24	292	96	Ongoing
<i>Lofa</i>	1	205	0	0.0	57	25	86	37	Ongoing
<i>Bong</i>	0	276	2	0.7	10	12	233	19	Ongoing
<i>Maryland</i>	7	148	0	0.0	2	17	112	17	Ongoing
<i>Grand Gedeh</i>	4	133	0	0.0	69	22	22	20	Ongoing
<i>Sinoe</i>	1	107	0	0.0	16	12	25	54	Ongoing
<i>Bomi</i>	3	81	4	7.2	22	24	15	16	Ongoing
<i>Grand Cape Mount</i>	1	80	3	5.0	17	12	22	26	Ongoing
<i>Grand Kru</i>	0	33	0	0.0	16	5	6	6	Ongoing
<i>Gbarpolu</i>	0	22	0	0.0	10	3	5	4	Ongoing
<i>Rivercess</i>	3	32	1	0.0	10	6	7	8	Ongoing
<i>River Gee</i>	1	21	0	0.0	11	4	0	6	Ongoing
<b>Total</b>	<b>191</b>	<b>6,111</b>	<b>72</b>	<b>15.1</b>	<b>402</b>	<b>369</b>	<b>4,766</b>	<b>502</b>	

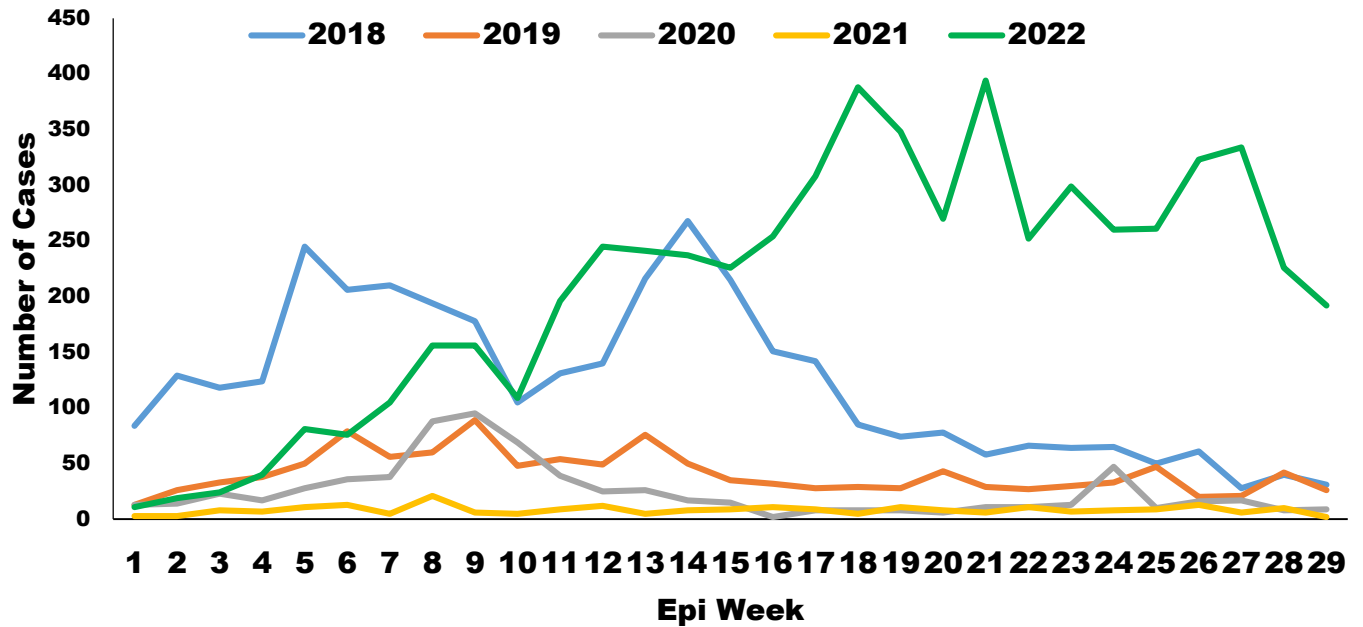
**Table 3: Status of Measles Cases by County, Liberia, 13<sup>TH</sup> Dec, 2021-27<sup>th</sup> July, 2022**

<b>County</b>	<b>Total Cases</b>	<b>Active</b>	<b>Recovery</b>	<b>Deaths</b>	<b># of Districts</b>
<i>Montserrado</i>	3,408	141	3,207	60	7/7
<i>Nimba</i>	613	5	607	1	6/6
<i>Margibi</i>	509	14	495	0	4/4
<i>Grand Bassa</i>	443	10	432	1	7/8
<i>Lofa</i>	205	1	204	0	4/6
<i>Bong</i>	276	0	274	2	5/9
<i>Maryland</i>	148	7	141	0	2/6
<i>Grand Gedeh</i>	133	4	129	0	5/6
<i>Sinoe</i>	107	1	106	0	4/10
<i>Bomi</i>	81	3	74	4	4/4
<i>Grand Cape Mount</i>	80	1	76	3	4/5
<i>Grand Kru</i>	33	0	33	0	2/5
<i>Gbarpolu</i>	22	0	22	0	2/5
<i>Rivercess</i>	32	3	28	1	3/6
<i>River Gee</i>	21	3	18	0	3/6
<b>Total</b>	<b>6,111</b>	<b>193</b>	<b>5,846</b>	<b>72</b>	<b>62/93</b>

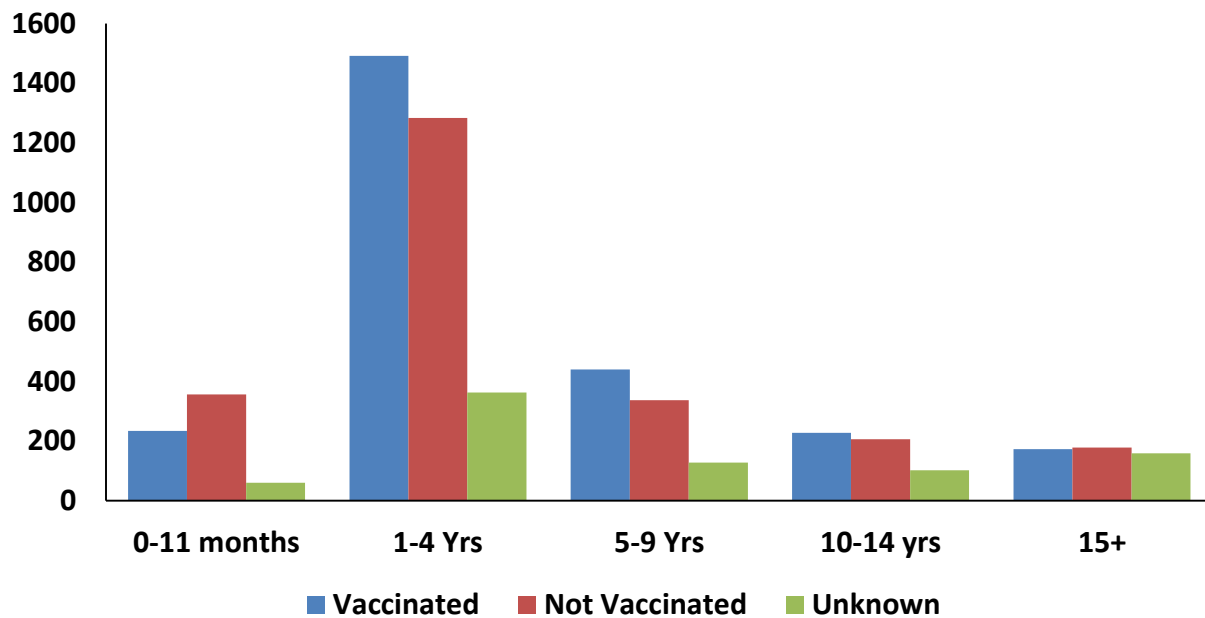
**OUTBREAK OF MEASLES CASES BY HEALTH DISTRICT ( DECEMBER 13 2021 - 27, JULY 2022 )**



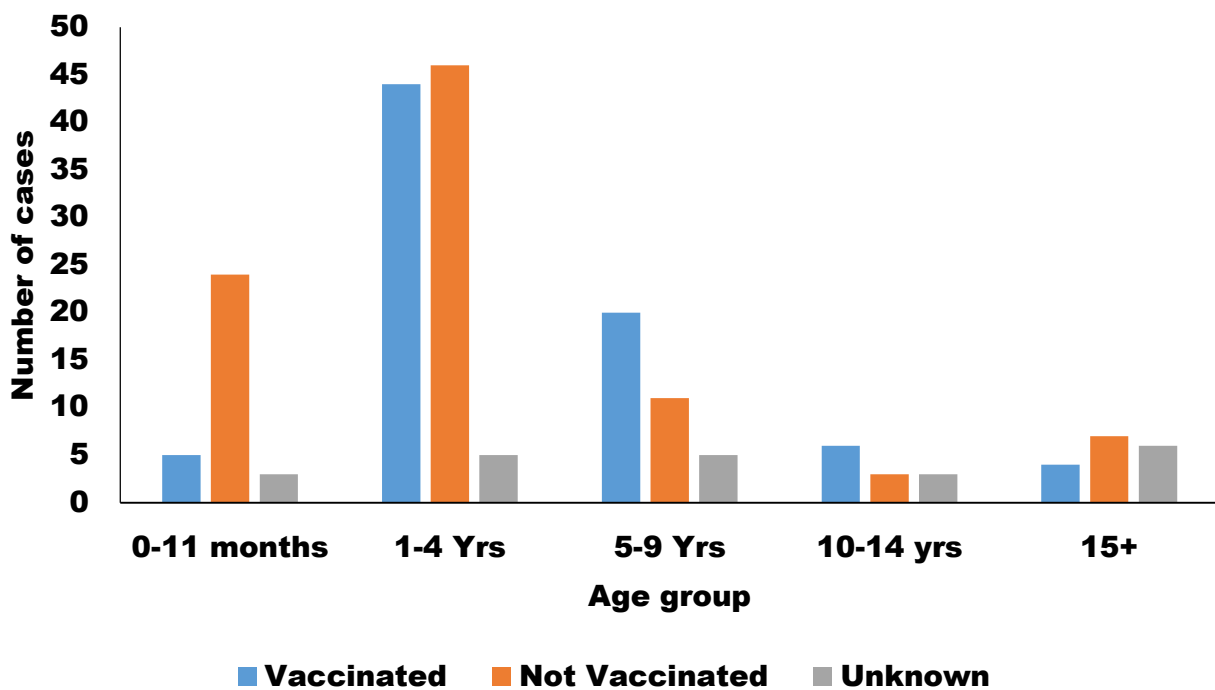
**Figure 1: Distribution of Measles Cases in Liberia**



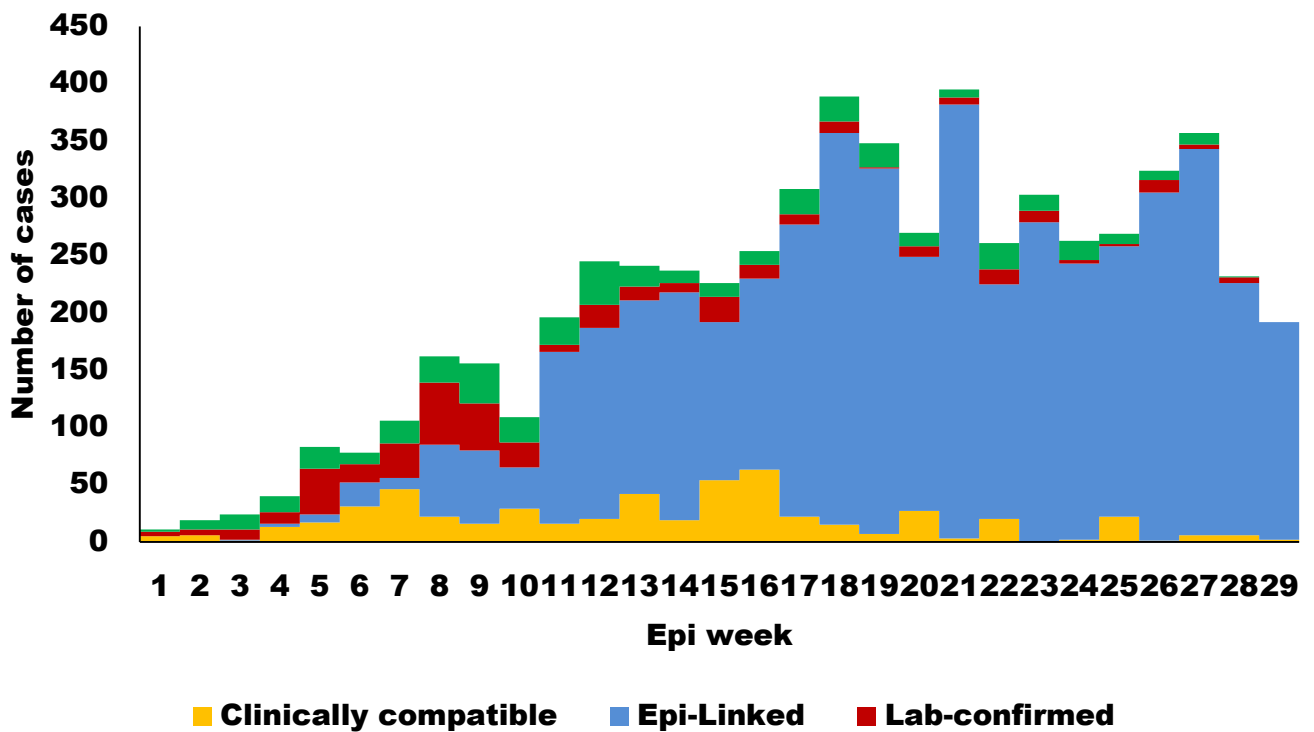
**Figure 2: Trend of Measles Cases in Liberia, Epi week 1-29, 2018-2022**



**Figure3: Vaccination status of confirmed Measles cases by Age group, Liberia, 13<sup>TH</sup> December, 2021- 27<sup>th</sup> July, 2022**



**Figure 4: Measles deaths by Age group and Vaccination Status, Liberia, 13<sup>th</sup> December 2021-27<sup>th</sup> July, 2022**



*Figure 5: Epi Curve of Measles cases by Epi Classification, Liberia, Epi week 1-29*

## 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 completed:
  - Total children targeted- 313, 817
  - Total children vaccinated- 281, 639



- Coverage-90%
- Age group 9-59 months
- Supported by WHO and UNICEF
- Phase 1:
  - Total children targeted- 260,438
  - Total children vaccinated- 109,258
  - Coverage-42%
  - Age group 9-35 months
  - Supported by WHO and UNICEF

## **V. Laboratory**

- Three hundred seventy-two (372) cases have been confirmed by laboratory from 62 health districts in 15 counties
- Lack of specimen collection kits 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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