



# LASSA FEVER SITUATIONAL REPORT

## National Public Health Institute of Liberia (NPHIL)



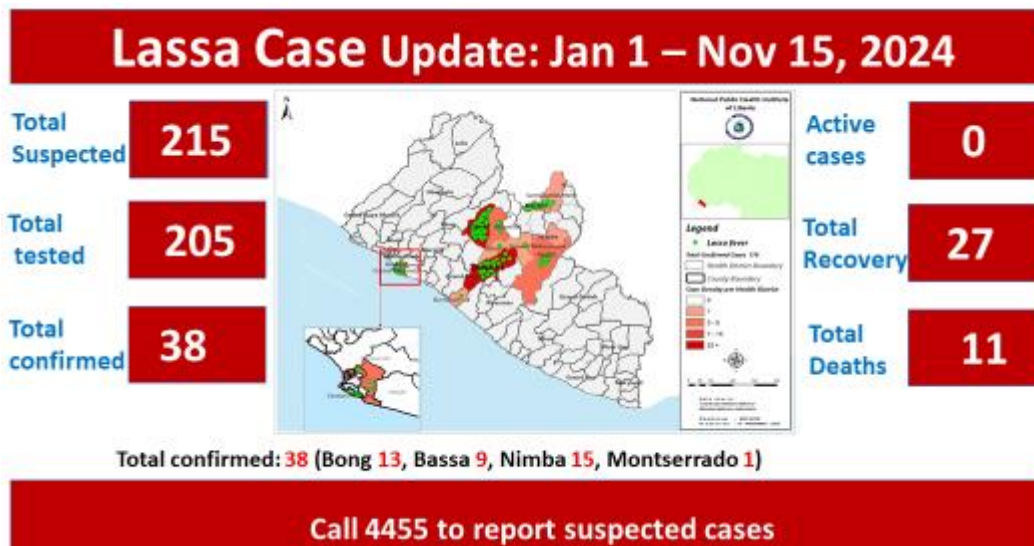
<b>REPORTING PERIOD:</b>	<b>JANUARY 1 – NOVEMBER 15, 2024</b>
<b>NUMBER:</b>	<b>127</b>
<b>EPI-WEEK:</b>	<b>45</b>
<b>DATE:</b>	<b>NOVEMBER 15, 2024</b>

**Table 1: Key Indicators**

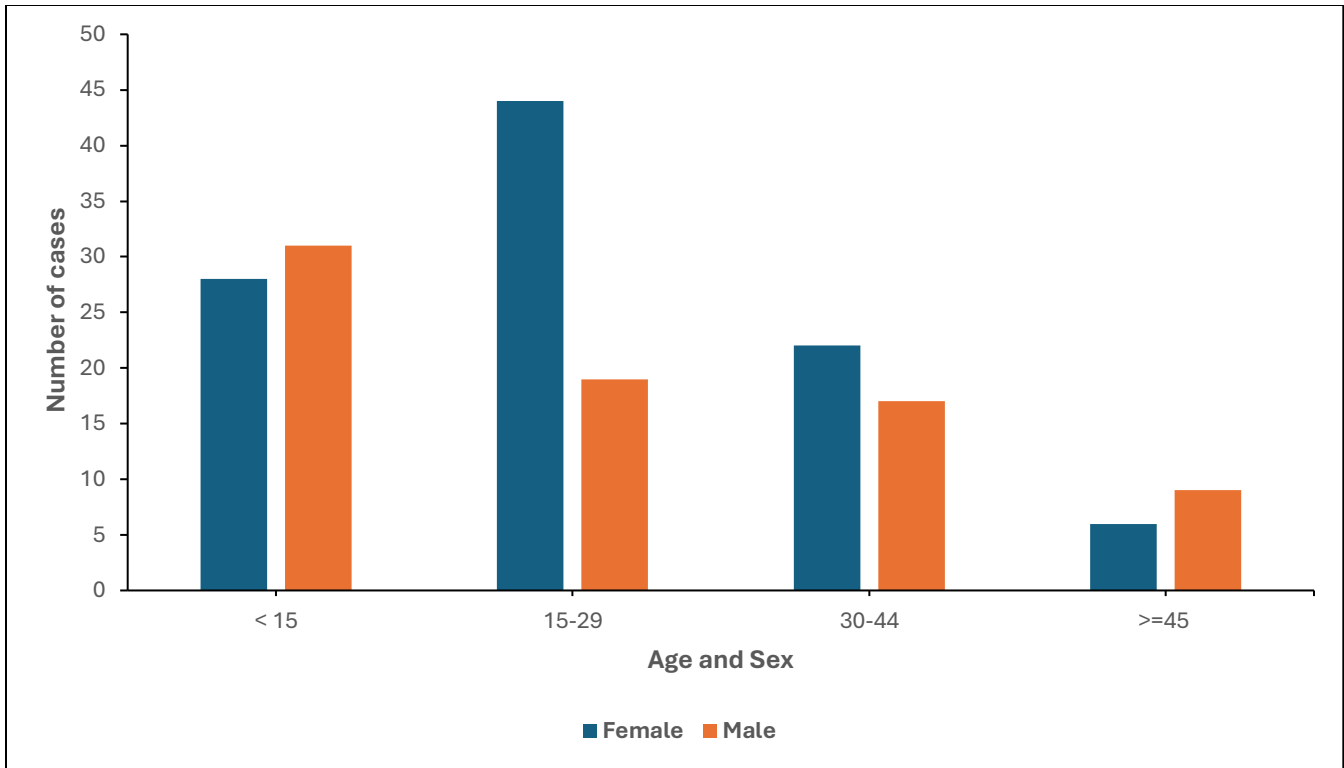
Reporting year	Reporting week	Suspected Cases	Confirmed Cases	Death (confirmed cases)	Case Fatality Rate % (CFR)	Counties Affected (confirmed cases)	Districts Affected (confirmed cases)
2024 (current)	45	3	0	0	0	0	0
2024 (cumulative)	1 – 45	215	38	11	29	4	6
2022 -2023 Cumulative	1 – 52	439	138	44	32	5	11

### HIGHLIGHTS

- **No new confirmed case reported**
- Three new suspected cases reported from Bong (2) and Nimba (1) Counties
- No death recorded
- Ten (10) contacts including seven (7) healthcare workers are undergoing 21 days follow up



**Figure 1: Summary of geospatial distribution of Lassa fever cases reported in Liberia, January 1-November 15, 2024**

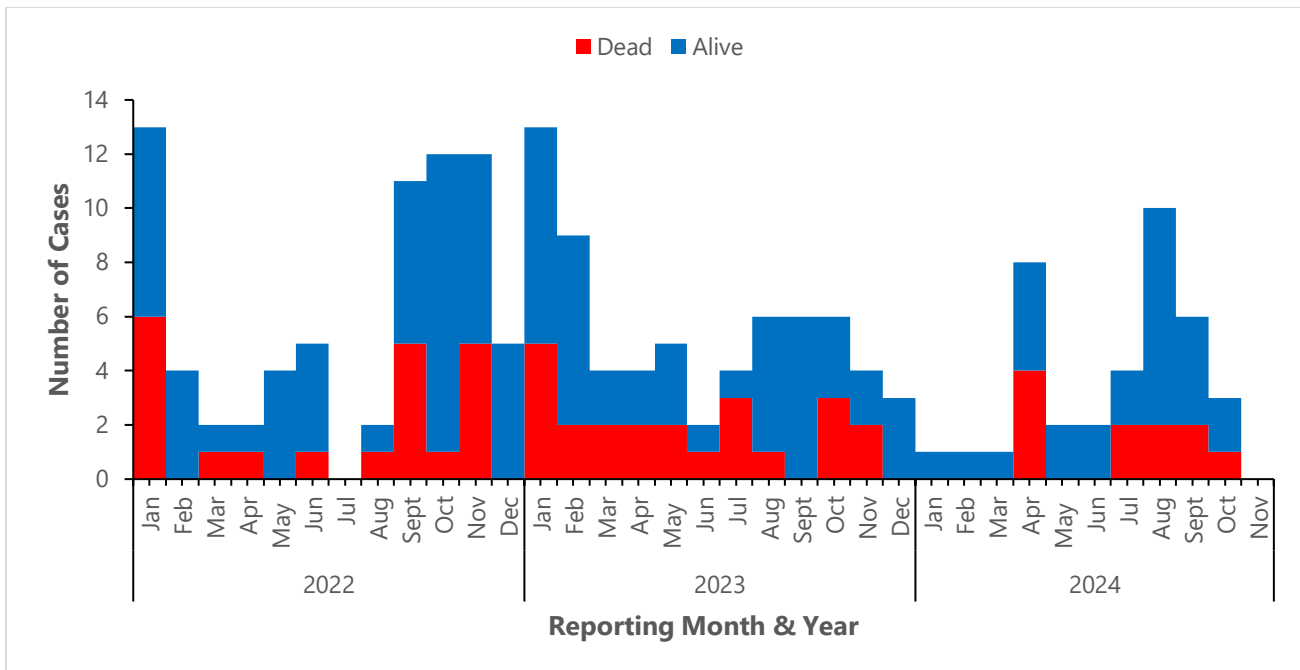


**Figure 2: Age and sex distribution of Confirmed Lassa fever cases in Liberia, January 1, 2022 – November 15, 2024**

**Table 2: Confirmed Cases Reported by County and Health District, Liberia, January 1, 2022 – November 15, 2024**

County	Reporting District	Active Cases	Recovery	Deaths	Cumulative
Bong	Suakoko	0	50	15	65
	Jorquelleh	0	6	2	8
Grand Bassa	District 3 A&B	0	41	12	53
	Buchana	0	0	1	1
Montserrado	Bushrod	0	2	0	2
	Central Monrovia	0	2	2	4
Nimba	Bain-Garr	0	10	8	18
	Saclepea-Mah	0	1	1	2
	Sanniequellie-Mah	0	6	9	15
	Tappita	0	3	4	7
River Gee	Potupo	0	0	1	1
<b>Total Confirmed Cases &amp; Deaths</b>		<b>0</b>	<b>121</b>	<b>55</b>	<b>176</b>

**Legend:** Yellow = Counties/Districts in Countdown; Red = Counties/Districts with Active Cases/Contacts



**Figure 2: Epi-curve of confirmed Lassa fever cases by reporting month in Liberia, January 1, 2022- November 15, 2024**

**Table 3: Summary of Lassa fever cases and contact in Liberia, Epi-week 1 - 45, 2024**

<b>Variables</b>	<b>Cumulative</b>
Total suspected cases reported to the national level	<b>215</b>
Total samples collected	<b>215</b>
Total samples tested	<b>205</b>
Total samples pending testing	<b>1</b>
Total Laboratory confirmed	<b>38</b>
Total confirmed cases alive/recovered	<b>27</b>
Total deaths among confirmed cases	<b>11</b>
Case fatality rate (CFR)	<b>29%</b>
Total confirmed cases in isolation/active	<b>0</b>
Total contacts line listed	<b>416</b>
Total contacts undergoing 21 days follow up	<b>10</b>

## PUBLIC HEALTH ACTIONS

### 1 Coordination

- The response has been led by the County Health Teams with technical support from the National Public Health Institute of Liberia (NPHIL), the Ministry of Health (MOH) and partners
  - The Incident Management Systems (IMSs) have been activated in the affected counties
  - The PHEOCs in the response counties are in response mode coordinating the response

### 2 Surveillance

- Continuous follow up with counties in response mode for updates on status of the Lassa fever outbreak
- Active case search is being conducted in affected communities
- Total of 10 contacts including seven (7) healthcare workers are undergoing 21 days' follow-up (Nimba)
- Developed and disseminated weekly sitreps to stakeholders

### 3 Case management

- There is no confirmed case currently in isolation

### 4 Laboratory

- The National Public Health Reference Laboratory (NPHRL) continues the testing of Lassa fever samples.
- Total of 176 cases have been confirmed by the NPHRL since this outbreak

### 5 Risk Communication and Community Engagement

- Community engagement and health education conducted in affected communities (Grand Bassa, & Nimba)

### 6 Dead Body Management

- A total of 55 confirmed deaths recorded and were buried under safe and dignified conditions

### **Key Challenges**

- There is limited ribavirin supply in country
- Limited supply of IPC materials in affected counties
- Lack of logistics (gasoline, communication cards, fuel, etc) to support active case search and contact tracing in affected counties
- Limited stationeries in the EOCs to produce contact tracing form and other tools for investigation
- Limited computers for District and County Surveillance Officers (Bassa, Bong, & Nimba)

**For comments or questions, please contact**

**Emmanuel Dwalu, BSc, BSEd, PDGE, MPH, FETP**  
**Lassa fever focal person**

Division of Infectious Disease and Epidemiology, NPHIL

Cell: +231.77.088.3760 / +231.88.688.3760

Email: [dwaluemmanuel@gmail.com](mailto:dwaluemmanuel@gmail.com)

**Ralph W. Jetoh, M.D, MPH**  
**Director**

Division of Infectious Disease and Epidemiology, NPHIL

Cell: +231.77.737.2655

Email: [ralphica2000@gmail.com](mailto:ralphica2000@gmail.com)

Issuing Authority:

**Dougbeh Chris Nyan, M.D.**  
**Director General**

National Public Health Institute of Liberia

Cell: +231.77.794.9027

Email: [Dougbeh-Chris.Nyan@nphil.gov.lr](mailto:Dougbeh-Chris.Nyan@nphil.gov.lr) / [dnyan@doctor.com](mailto:dnyan@doctor.com)