



MPOX SITUATIONAL REPORT

National Public Health Institute of Liberia (NPHIL)



REPORTING PERIOD:	October 7-14, 2024
NUMBER:	09
EPI-WEEK:	41
DATE:	OCTOBER 16, 2024

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)	41	15	4	0	0	3	3
2024 (cumulative)	1 – 41	229	18	0	0	9	15
2022 -2023 Cumulative	1 – 52	230	27	0	0	11	18

HIGHLIGHTS

- **Four (4) new confirmed cases reported: Bong (2), Grand Bassa (1), and Montserrado (1)**
- Fifteen (15) new suspected cases reported from nine counties: (Montserrado – 3, Bong – 2, Maryland – 2, Grand Bassa – 2, Grand Kru – 2, Sinoe – 1, River Gee – 1, Grand Cape Mount – 1, Margibi – 1)
- No death recorded
- A total of twelve (12) confirmed cases reported since declaration of Mpox as Public Health Emergency of Continental and International Concern by Africa CDC and WHO, respectively

Mpox Case Update: January 1 – October 14, 2024

Total Suspected

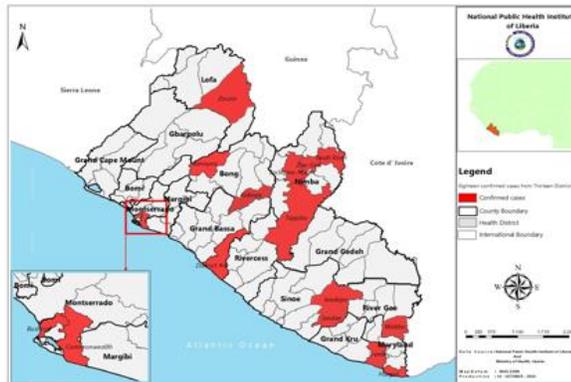
229

Total Tested

196

Total Lab-confirmed

18



Active Cases

6

Recovery Cases

12

Deaths

0

Total confirmed: 18 (Nimba 4, Sinoe 3, Bong 3, Lofa 2, Montserrado 2, River Gee 1, Grand Kru 1, Maryland 1, Grand Bassa 1)

Call 4455 to report suspected cases

Figure 1: Summary of geospatial distribution of Mpox cases reported in Liberia, Jan 1 – Oct 14, 2024

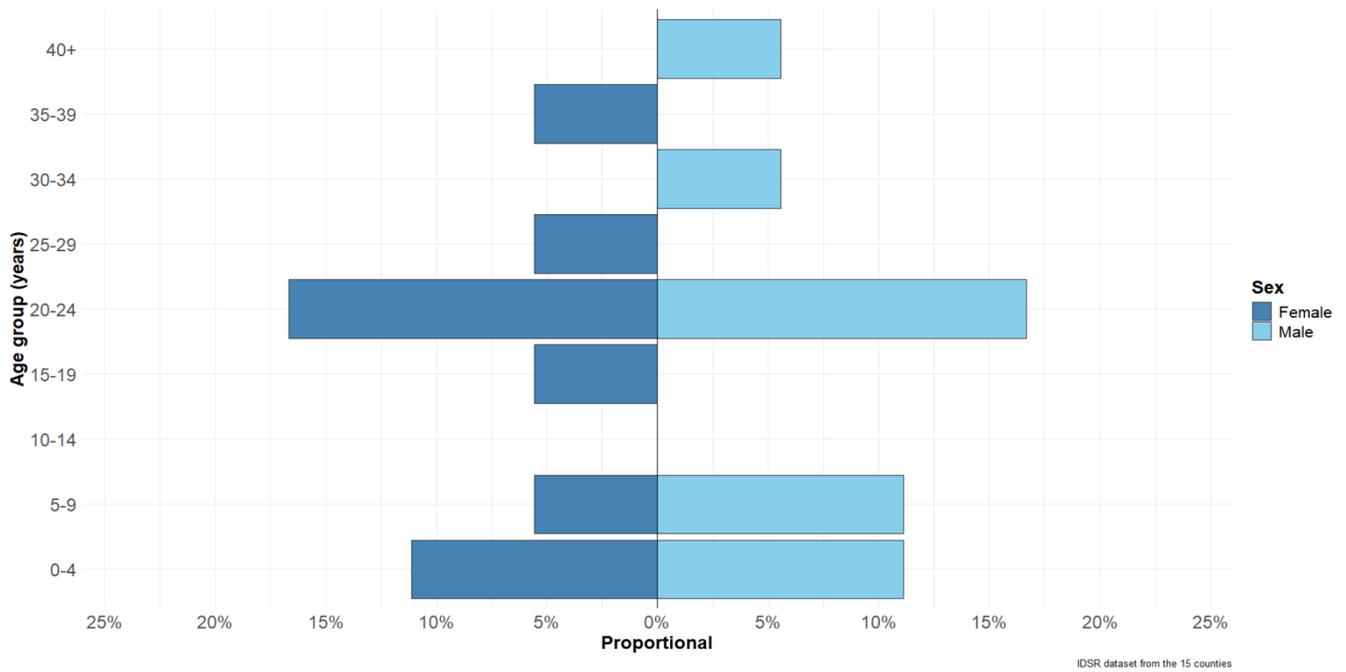


Figure 2: Age and sex distribution of confirmed Mpox Cases Reported, Liberia, Jan 1 – Oct 14, 2024

Table 2: Confirmed Mpox Cases Reported by Counties and Health Districts, Liberia, Jan 1– Oct 14, 2024

Reporting County	Reporting District	Active Cases	Recovered	Cumulative
Bong	Kokoyah	0	1	1
	Sanoyea	2	0	2
Grand Bassa	District #4	1	0	1
Grand Kru	Trehn	0	1	1
Lofa	Zorzor	1	1	2
Maryland	Harper	1	0	1
Montserrado	Bushrod	0	1	1
	Commonwealth	1	0	1
Nimba	Saclepea Mah	0	1	1
	Tappita	0	1	1
	Twah River	0	1	1
	Zoe Geh	0	1	1
River Gee	Webbo	0	1	1
Sinoe	Jaedae	0	1	1
	Jedepo	0	2	2
Total	15	6	12	18

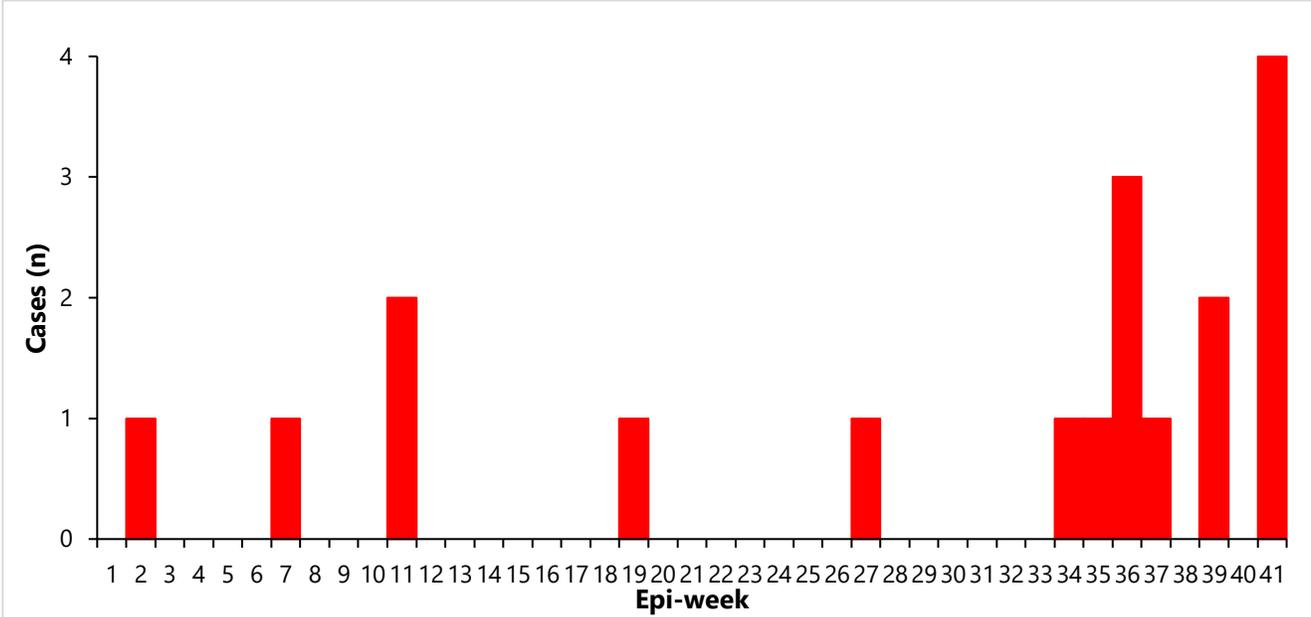


Figure 2: Weekly epi-curve of Mpox lab-confirmed cases detected in Liberia, Epi-week 1 - 41, 2024

Table 3: Summary of Mpox outbreak, Liberia, Epi-week 1 - 41, 2024

Total suspected cases reported to the national level	229
Total samples collected	221
Total samples tested	196
Total samples rejected by the laboratory	1
Total Laboratory confirmed	18
Total confirmed cases alive	18
Total deaths among confirmed cases	0
Case fatality rate (CFR)	0.0%
Total confirmed cases in isolation (health facility)	1
Total confirmed cases in isolation (home-based care (HBC))	5
Total contacts line-listed	282
Total contacts undergoing 21 days follow up	18

PUBLIC HEALTH ACTIONS

1 Coordination

- Mpox Incident Action Plan (IAP) reviewed and updated using the continental template from WHO and Africa CDC
- Conduct regular IMS meetings at national and subnational levels in affected counties to direct response efforts
- Resource mobilization (financial & logistical) to support response activities at the counties
- Production of regular SitReps and dissemination

2 Surveillance

- Mpox training completed in the 15 Counties for healthcare workers, including animal surveillance officers; **849** health care workers trained
- Active media scanning and community case finding continue through EIOS platform
- Continuous follow-up with counties in response mode to obtain updates on status of Mpox outbreak
- Total of 18 contacts under follow-up (12-Bong, 2- Maryland, 4-Grand Bassa)

- 3 **Case management**
 - Six (6) cases currently in isolation (Bong-2, Montserrado-1, Grand Bassa-1, Maryland-1, Lofa-1)

- 4 **Laboratory**
 - Sequencing results showed Clade IIa
 - Specimen collection kits prepositioned in 7 Counties: Bong, Lofa, Sinoe, Bomi, Montserrado, Margibi, Grand Bassa
 - The National Public Health Reference Laboratory continues the testing of Mpox samples
 - Africa CDC supports the procurement of Mpox reagents

- 5 **Risk Communication and Community Engagement**
 - Ongoing community engagement and awareness creation via a radio station in partnership between the RCCE team and affected County Health teams

- 6 **Infection Prevention and Control (IPC)**
 - Updated Home Base care guidelines for Mpox and shared with MoH for review

Key Challenges

- Inadequate supply of IPC materials to health facilities and POEs
- Limited logistics for response operation (gasoline, communication cards, fuel, lubricant, etc.) to support response in the affected counties

Next Steps/Action Points

- Continue active case search in the affected communities

For comments or questions, please contact

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