



MPOX SITUATIONAL REPORT

National Public Health Institute of Liberia (NPHIL)



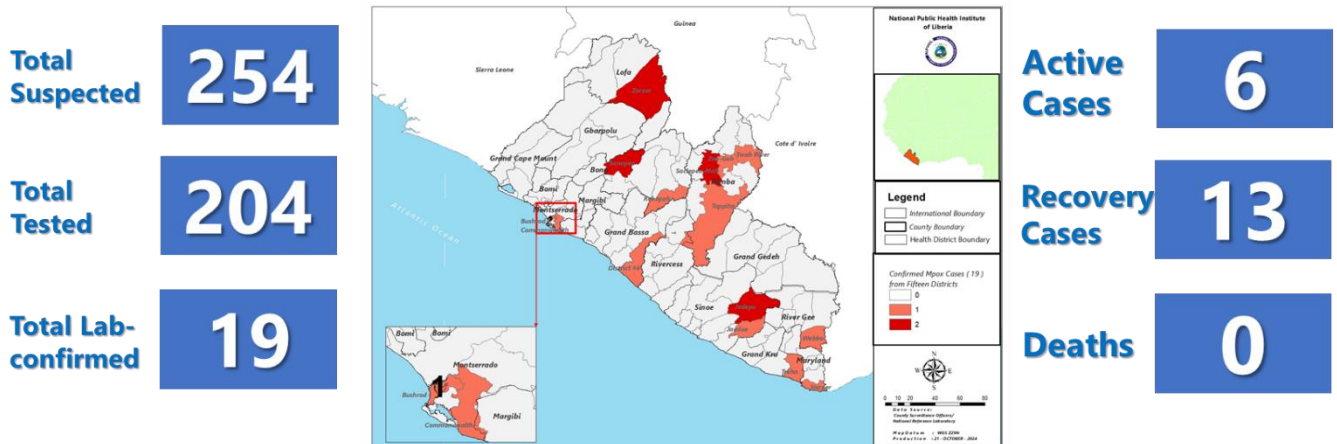
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|--------------------------|------------------------------|
| REPORTING PERIOD: | October 15 – 21, 2024 |
| NUMBER: | 10 |
| EPI-WEEK: | 42 |
| DATE: | OCTOBER 24, 2024 |

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) | 42 | 25 | 1 | 0 | 0 | 1 | 1 |
| 2024 (cumulative) | 1 – 42 | 254 | 19 | 0 | 0 | 9 | 15 |
| 2022 -2023 Cumulative | 1 – 52 | 230 | 27 | 0 | 0 | 11 | 18 |

HIGHLIGHTS

- **One (1) new confirmed case reported from Nimba**
- Twenty-five (25) new suspected cases reported from eight counties: (Maryland – 6, Grand Gedeh – 4, Nimba – 3, River Gee – 3, Grand Kru – 3, Lofa – 3, Montserrado – 2, Gbarpolu – 1)
- Zero (0) Death recorded
- Thirteen (13) total confirmed cases reported since declaration of Mpox as Public Health Emergency of Continental and International Concern by Africa CDC and WHO, respectively



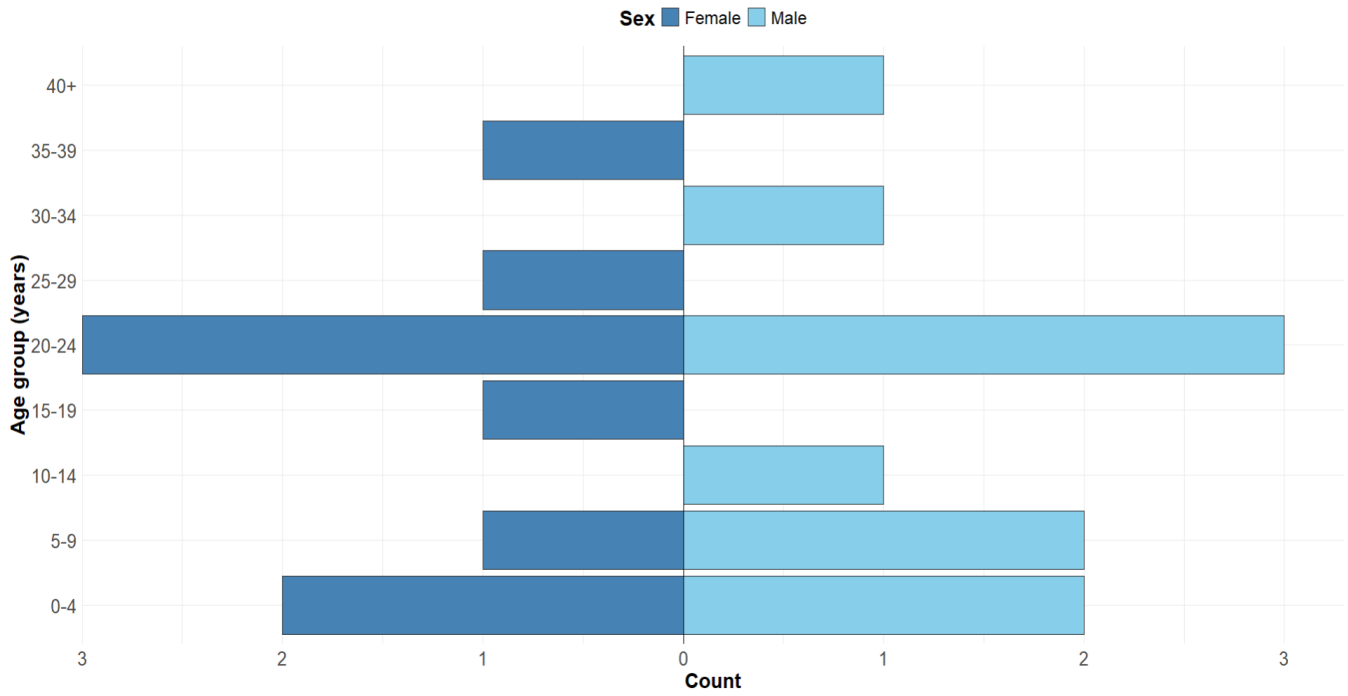
Total confirmed: 19 (Nimba 5, Sinoe 3, Bong 3, Lofa 2, Montserrado 2, River Gee 1, Grand Kru 1, Maryland 1, Grand Bassa 1)

Call 4455 to report suspected cases

Figure 1: Summary of geospatial distribution of Mpox cases reported in Liberia, Jan 1 – Oct 21, 2024

Table 2: Confirmed Mpox Cases Reported by Counties and Health Districts, Liberia, Jan 1 – Oct 21, 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 | 0 | 1 | 1 |
| Montserrado | Bushrod | 0 | 1 | 1 |
| | Commonwealth | 1 | 0 | 1 |
| | Saclepea Mah | 1 | 1 | 2 |
| Nimba | 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 | 13 | 19 |



ISDR dataset from the 15 counties

Figure 2: Age and sex distribution of confirmed Mpox Cases Reported, Liberia, Jan 1 – Oct 21, 2024

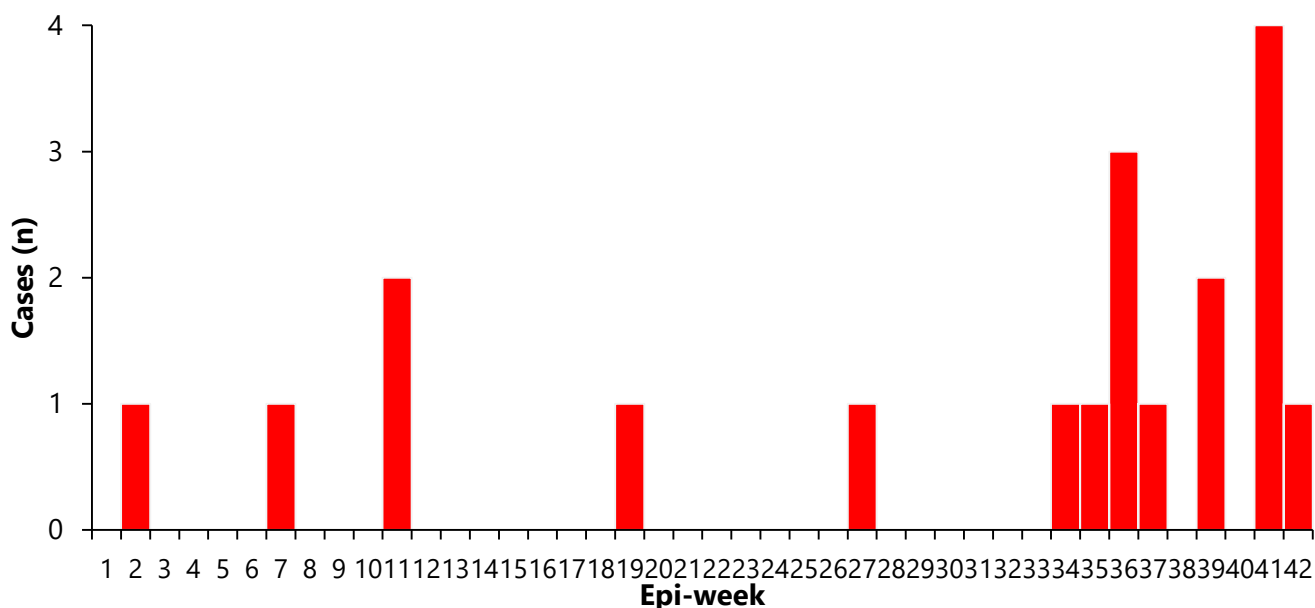


Figure 2: Weekly epi-curve of Mpox lab-confirmed cases detected in Liberia, Epi-week 1 - 42, 2024

Table 3: Summary of Mpox outbreak, Liberia, Epi-week 1 - 42, 2024

| | |
|--|-------------|
| Total suspected cases reported to the national level | 254 |
| Total samples collected | 242 |
| Total samples tested | 204 |
| Total samples rejected by the laboratory | 1 |
| Total Laboratory confirmed | 19 |
| Total confirmed cases alive | 19 |
| Total deaths among confirmed cases | 0 |
| Case fatality rate (CFR) | 0.0% |
| Total confirmed cases in isolation (health facility) | 2 |
| Total confirmed cases in isolation (home-based care (HBC)) | 4 |
| Total contacts line-listed | 295 |
| Total contacts undergoing 21 days follow up | 31 |

PUBLIC HEALTH ACTIONS

1 Coordination

- Conduct regular IMS meetings at national and subnational levels in affected counties to direct response efforts
- Production of regular Sitreps and dissemination

2 Surveillance

- 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 31 contacts under follow-up (12-Bong, 2- Maryland, 10-Grand Bassa, Montserrado-3, Nimba-4)

3 Case management

- Six (6) cases currently in isolation (Bong-2, Montserrado-1, Grand Bassa-1, Lofa-1, Nimba-1)

4 Laboratory

- Sequencing results showed Monkeypox virus Clade IIa
- 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)

- Ongoing distribution of IPC supplies to the 15 Counties; 2/15 received supplies

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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