



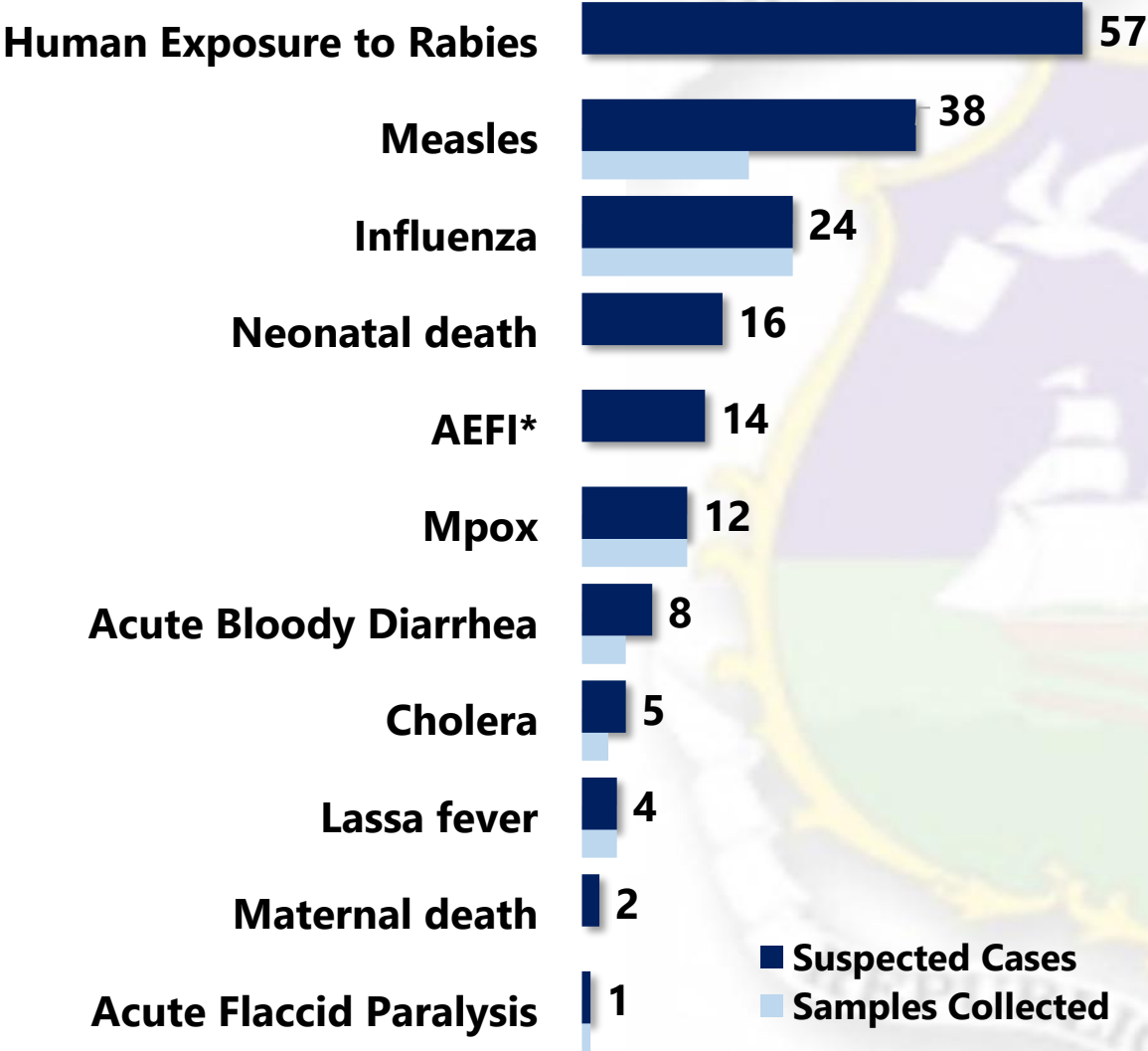
Weekly Update

Liberia Public Health Surveillance & Response System

Reporting Week: 11
Reporting Period: March 10 – 16, 2025

Data Source: 15 County Surveillance Officers and National Reference Lab

Public Health Events reported during the week



* Adverse Events Follow Immunization (AEFI)

Highlights of Key Public Health Events

- ◆ A total of 181 events of public health importance, including 18 deaths reported
- ◆ Completeness and timeliness of health facility reports were 99% and 99% respectively
- ◆ Ongoing Lassa fever outbreak in Grand Bassa County
- ◆ Ongoing Measles outbreak in five counties
- ◆ Ongoing Mpox outbreak in five counties



EVENTS OF PUBLIC HEALTH IMPORTANCE

Health Facility IDSR Reporting Coverage, Liberia, Epi-week 11, 2025

County	Expected Reports From Health Facility	Reports Received	Received on Time	Completeness (%)	Timeliness (%)
Bomi	29	29	29	100	100
Bong	64	64	64	100	100
Gbarpolu	18	18	18	100	100
Grand Bassa	38	38	38	100	100
Grand Cape Mount	36	36	36	100	100
Grand Gedeh	24	24	24	100	100
Grand Kru	25	25	25	100	100
Lofa	61	61	61	100	100
Margibi	64	63	63	99	100
Maryland	28	28	28	100	100
Montserrado	371	371	367	100	99
Nimba	102	102	102	100	100
Rivercess	21	21	21	100	100
River Gee	21	21	21	100	100
Sinoe	41	41	41	100	100
Liberia	943	942	938	99	99

Legend:

≥80

<80

Expected HF's timeliness and completeness are calculated at the level of the reporting district



VACCINE PREVENTABLE DISEASES

MEASLES...1/7

➤ Thirty-eight (38) suspected cases reported

- Nimba (13), Grand Kru (7), Bong (6), Sinoe (3), Grand Bassa (2), Montserrado (2), River Gee (1), Lofa (1), Gbarpolu (1), Rivercess (1) and Grand Gedeh (1) Counties

➤ Nineteen (19) specimens were collected 17 received at the Lab and pending testing

➤ Cumulatively, 400 suspected cases reported since Epi-week 1

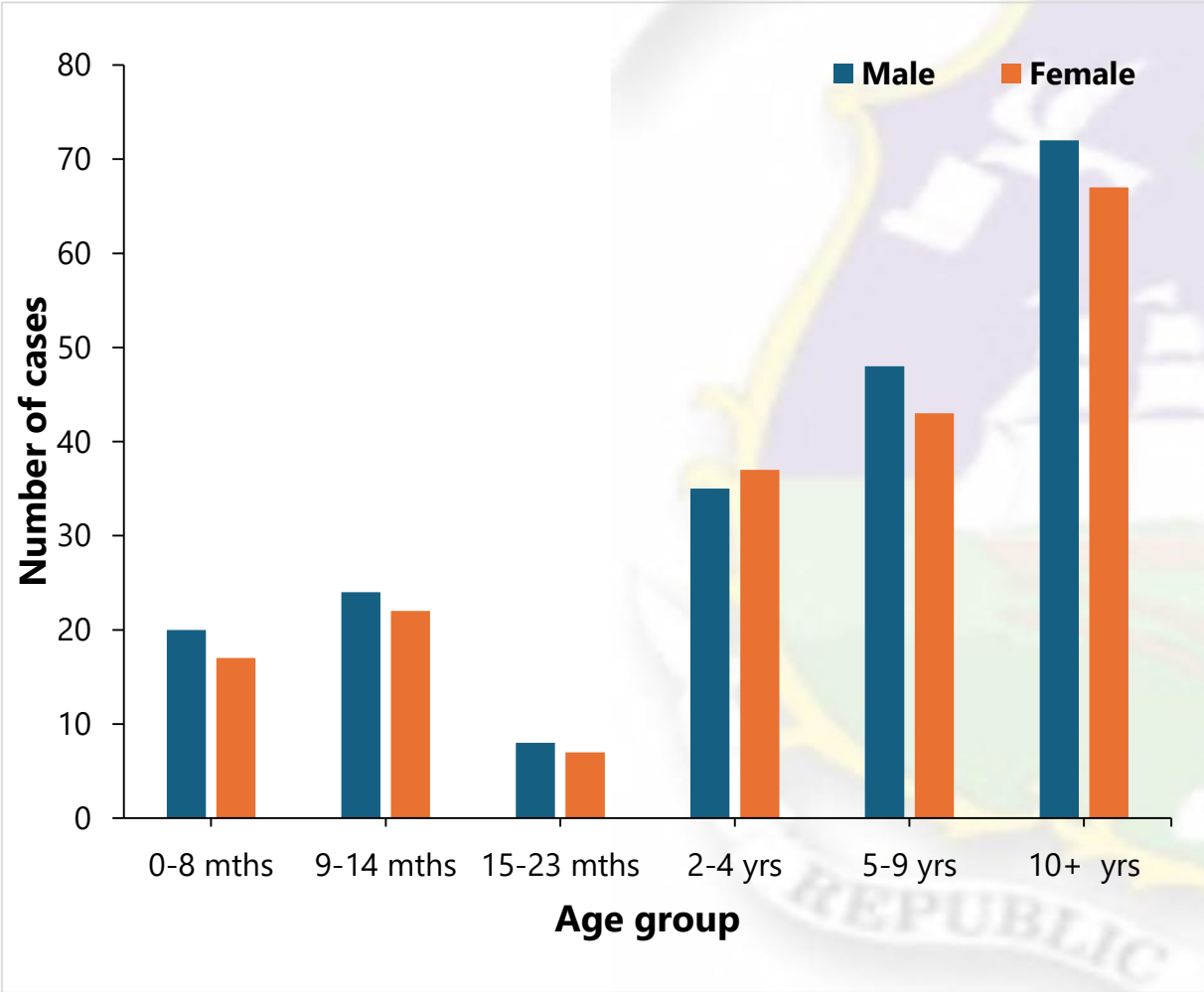
- Proportion of cases with sample collected 48% (193/400)

Vaccination status of Measles Cases by Reporting County, Liberia, Epi week 11, 2025

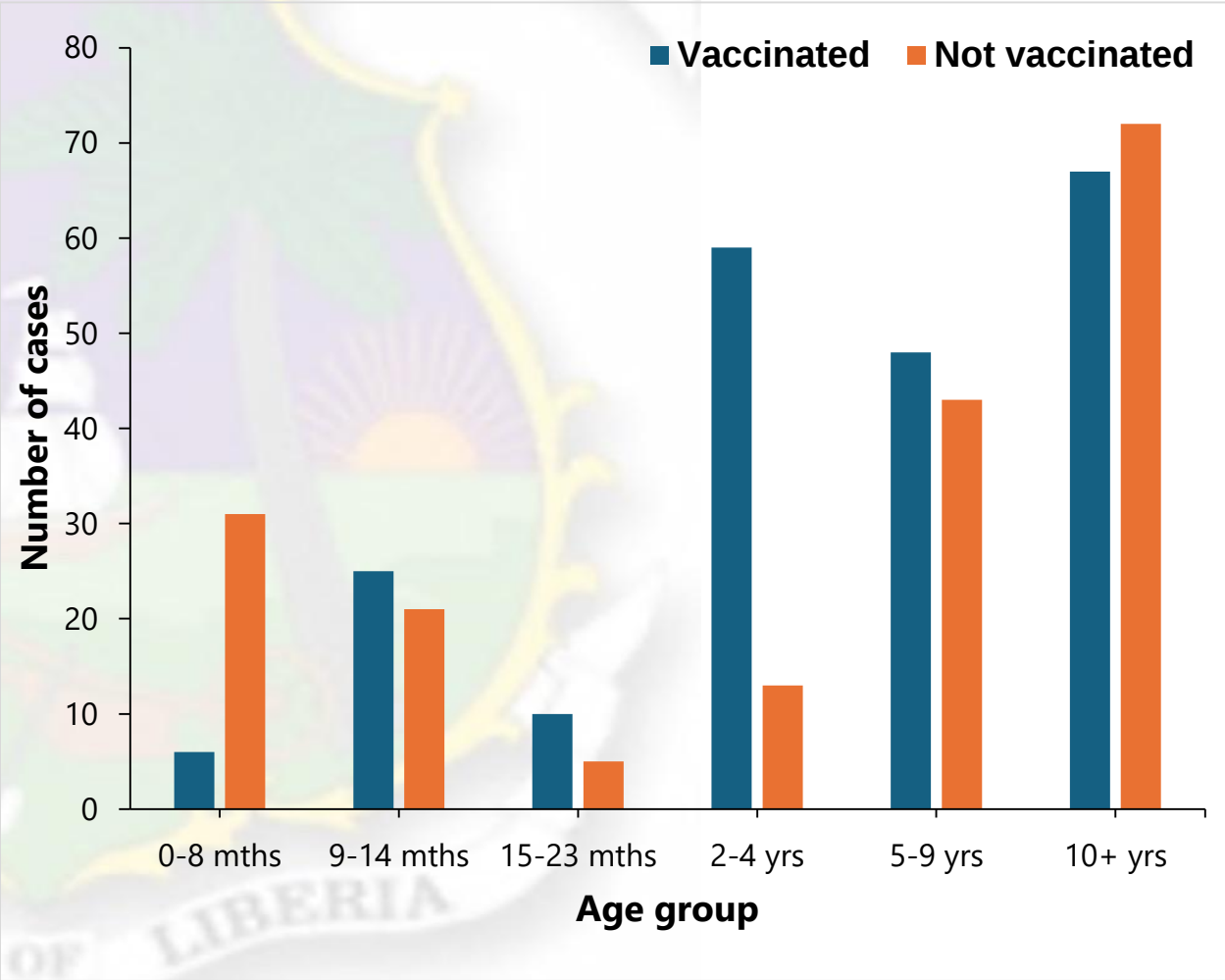
County	Reported cases	Vaccinated	Number of Doses Received		
			One Dose	Two Doses	Doses Not Indicated
Nimba	13	11	5	2	4
Grand Kru	7	4	4	0	0
Bong	6	0	0	0	0
Sinoe	3	1	1	0	0
Grand Bassa	2	2	0	1	1
Montserrado	2	2	1	1	0
River Gee	1	1	0	0	1
Lofa	1	0	0	0	0
Gbarpolu	1	1	0	1	0
Rivercess	1	0	0	0	0
Grand Gedeh	1	0	0	0	0
Total	38	22	11	5	6

MEASLES...2/7

Suspected Measles Cases by Age-group and Sex, Liberia, Epi-week 1 - 11, 2025



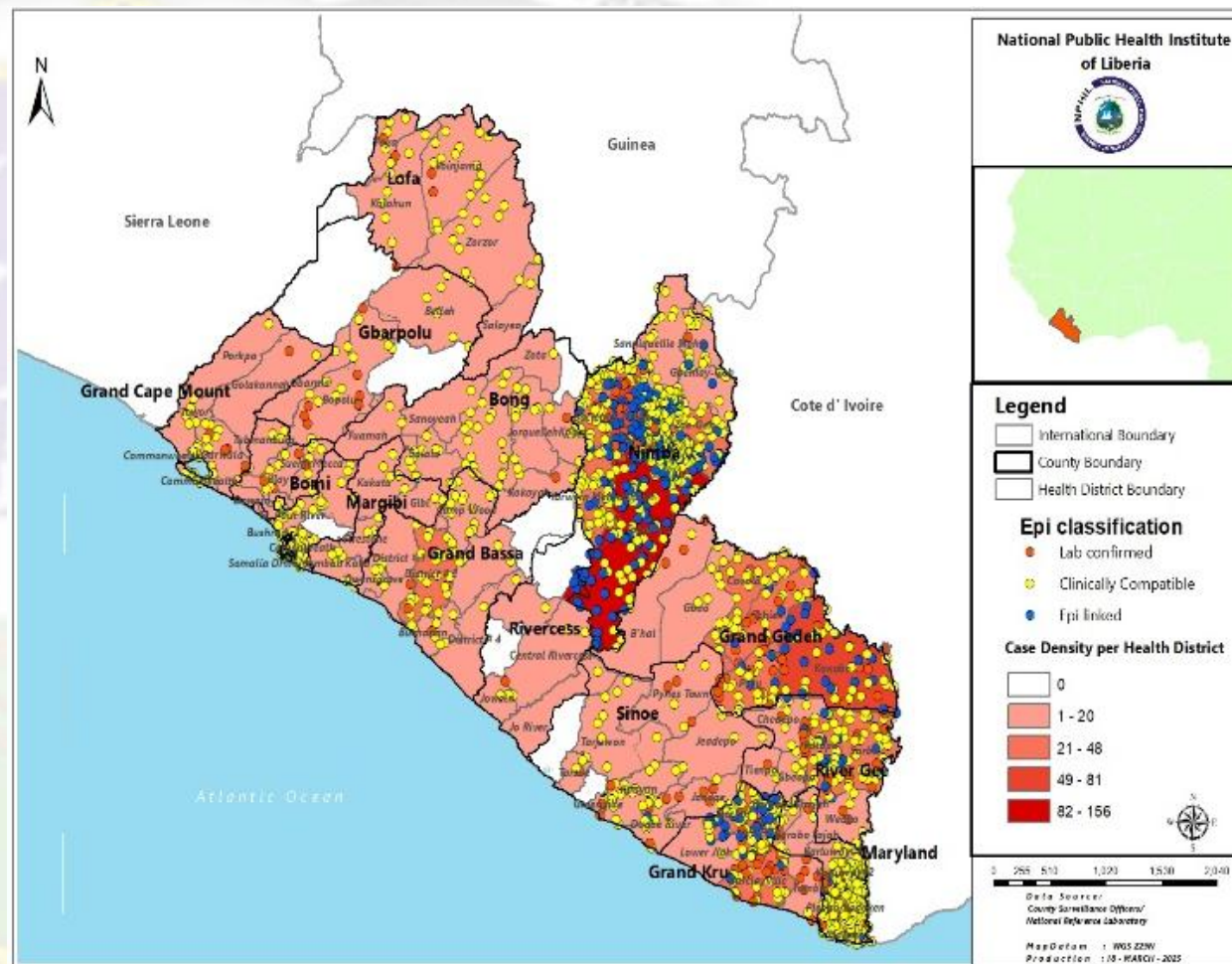
Vaccination Status of Suspected Measles Cases by Age-group, Liberia, Epi-week 1 - 11, 2025



MEASLES...6/7

Measles Outbreak by County and Case Status, Liberia, December 13, 2021 – March 16, 2025

County	Total Cases	Active	Recovery	Deaths	No. of Districts
Montserrado	5,373	0	5,304	69	0/7
Nimba	1,692	11	1,677	4	6/11
Grand Bassa	941	2	932	7	0/8
Margibi	803	0	802	1	0/4
Bong	593	4	586	3	1/9
Maryland	1,325	0	1,325	0	1/6
Lofa	292	0	292	0	0/6
Grand Kru	1,111	2	1,107	2	1/5
Grand Cape Mount	187	0	184	3	0/5
Bomi	148	0	143	5	0/4
Rivercess	84	0	83	1	0/6
Gbarpolu	64	0	64	0	0/5
Grand Gedeh	604	0	604	0	0/6
River Gee	134	0	134	0	0/6
Sinoe	247	0	247	0	0/10
Total	13,598	19	13,484	95	9/98



Geographical Distribution of Confirmed Measles Cases by County and Health District, Liberia, December 13, 2021 – March 16, 2025

MEASLES...7/7

Public Health Actions

Coordination

- Response has been led by the County Health Teams with technical support from the NPHIL, MoH, and Partners

Epidemiological Surveillance

- Active case search ongoing in Nimba, Bong, Grand Kru, Grand Bassa and Maryland Counties

Case Management and IPC

- Cases are being treated on OPD basis and sent home for home-based care

Immunization

- Routine immunization ongoing across the Country
- A one-day outreach plan for March 18, 2025 vaccinated children 9-59 months in affected communities with support from WHO in Grand Bassa County

Risk Communication and Community Engagement

- Awareness and health education on the prevention and control of measles ongoing in affected Counties

ACUTE FLACCID PARALYSIS (AFP)

- One (1) case was reported
 - Bong County
- Specimen collected and pending shipment
- **Cumulatively, 14** cases have been reported since Epi-week 1.
 - 6 negative
 - 1 NPENT
 - 1 rejected
 - 6 pending testing
- Stool adequacy rate is **100%** as of week 11, 2025

** circulating Vaccine-Derived Poliovirus type 2*

MPOX...1/6

- **Twelve (12) suspected** cases reported
 - Grand Gedeh (4), River Gee (2), Grand Bassa (2), Maryland (1), Grand Kru (1), Margibi (1), and Bong (1) Counties
- **Specimens** were collected and received at the lab, 8 tested negative, and 4 pending testing
- **Cumulatively**, 124 suspected cases have been reported, with 114 samples collected and 100 tested: 7 positive, 93 negative
 - Proportion of specimens collected: 114/124 (92%)
 - Proportion of specimens tested: 100/114 (88%)

MPOX...2/6

Liberia Mpox Case Update: Jan 1, 2024 – March 16, 2025

Total Suspected

536

Received by lab

461

Total Tested

452

Total Lab-confirmed

70



Active Cases

0

Recovery Cases

70

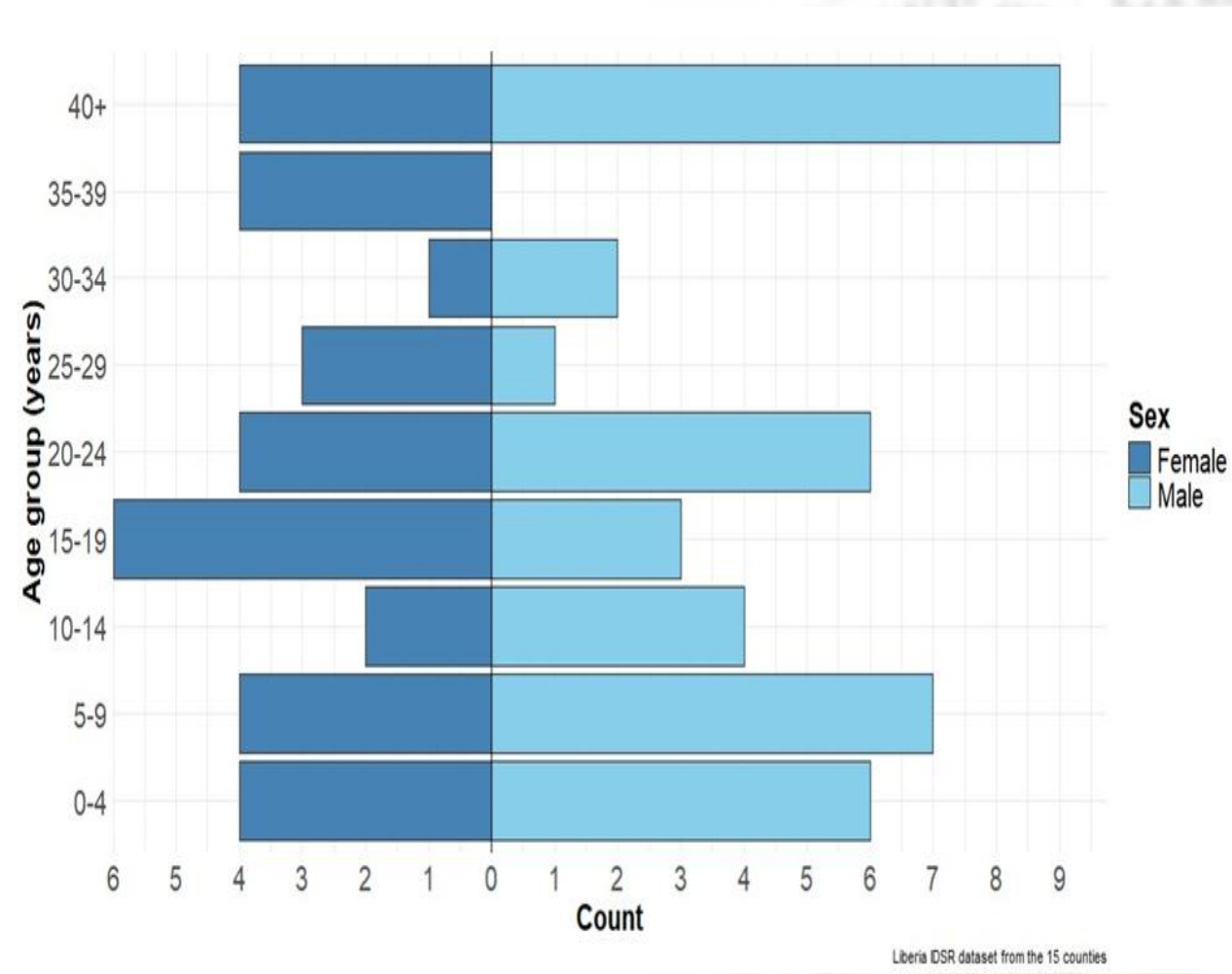
Deaths

0

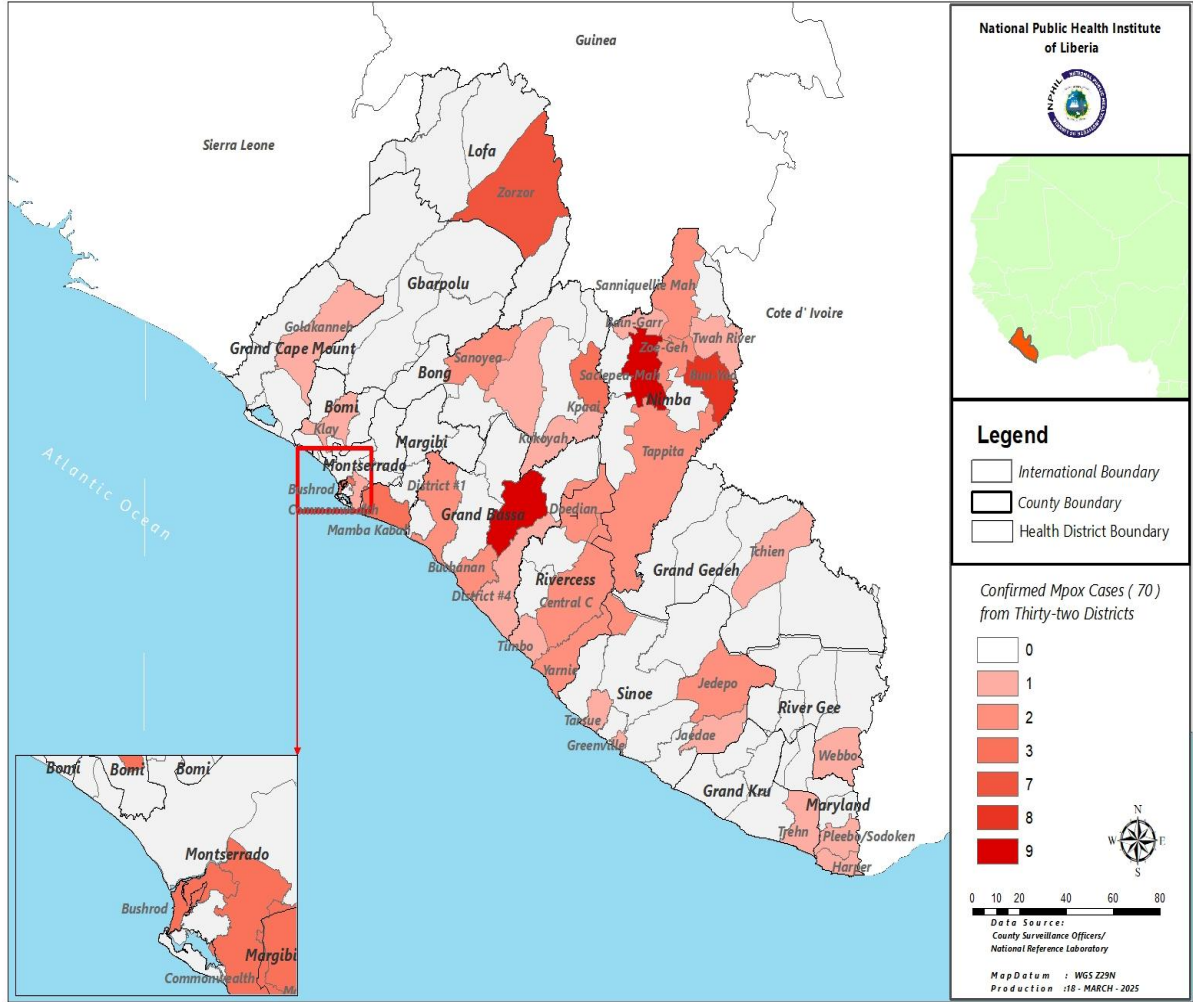
Total confirmed: 70 (Nimba 25, Lofa 7, Bong 7, Rivercess 7, Sinoe 5, Grand Bassa 5, Montserrado 4, Margibi 3, Maryland 2, River Gee 1, Grand Kru 1, Bomi 1, Grand Cape Mount 1, Grand Gedeh 1)

Call 4455 to report suspected cases

MPOX...3/6

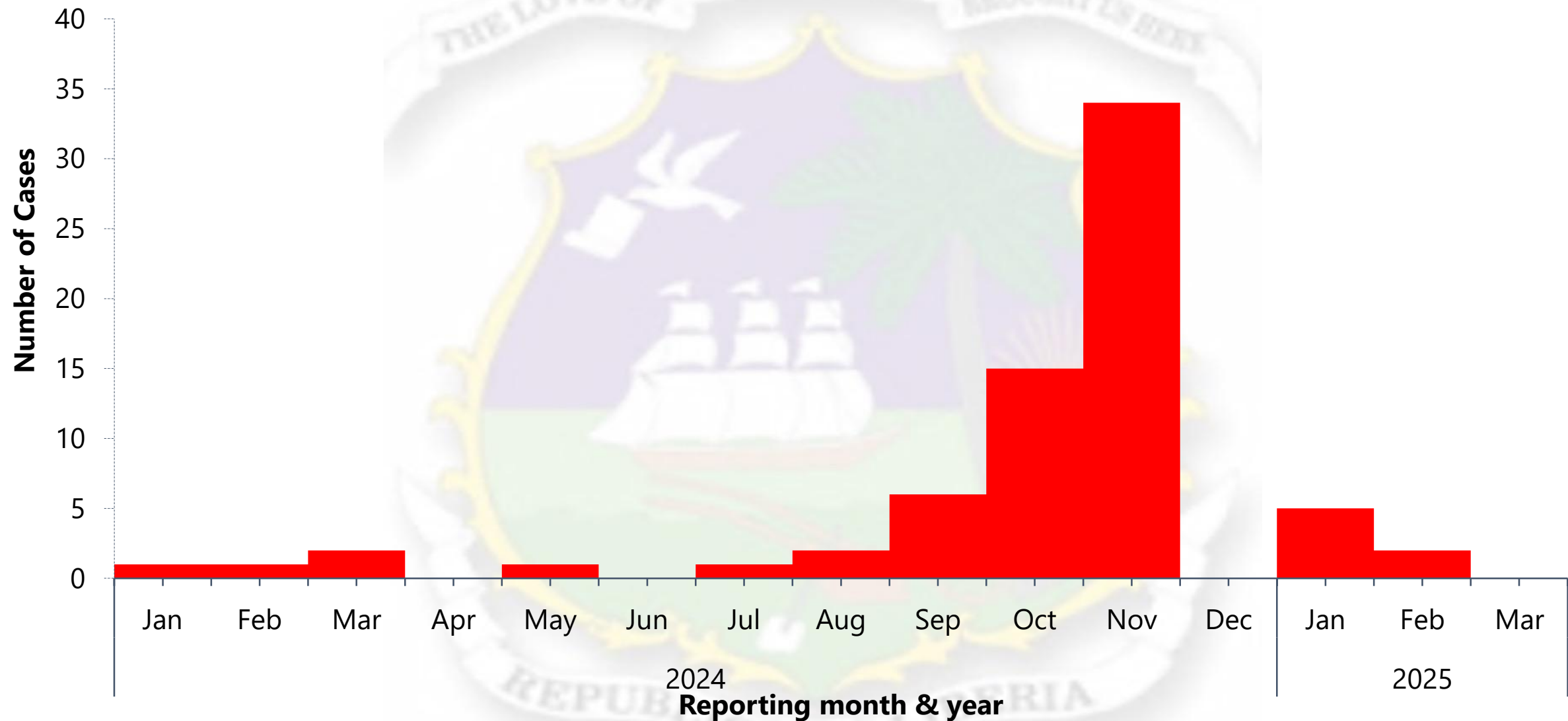


Age and sex distribution of confirmed Mpox Cases Reported, Liberia, January 1, 2024 - March 16, 2025



Geographical distribution of confirmed Mpox Case Reported, Liberia, January 1, 2024 - March 16, 2025

MPOX...4/6



Epi-curve of Mpox Lab-confirmed cases detected in Liberia, January 1, 2024 – March 16, 2025

MPOX...6/6

Public Health Actions

Coordination

- Conduct regular IMS meetings at national level to direct response efforts
- Production and dissemination of regular Sitreps

Surveillance

- Active media scanning and community case finding continue through EIOS platform
- Continue to follow up with response counties to obtain updates on the status of the Mpox outbreak
- No contacts under follow-up

Case Management

- No case is currently in isolation

Laboratory

- Sequencing results showed Mpox virus Clade IIa and Clade IIb
- The National Public Health Reference Laboratory continues the testing of Mpox samples

Risk Communication & Community Engagement

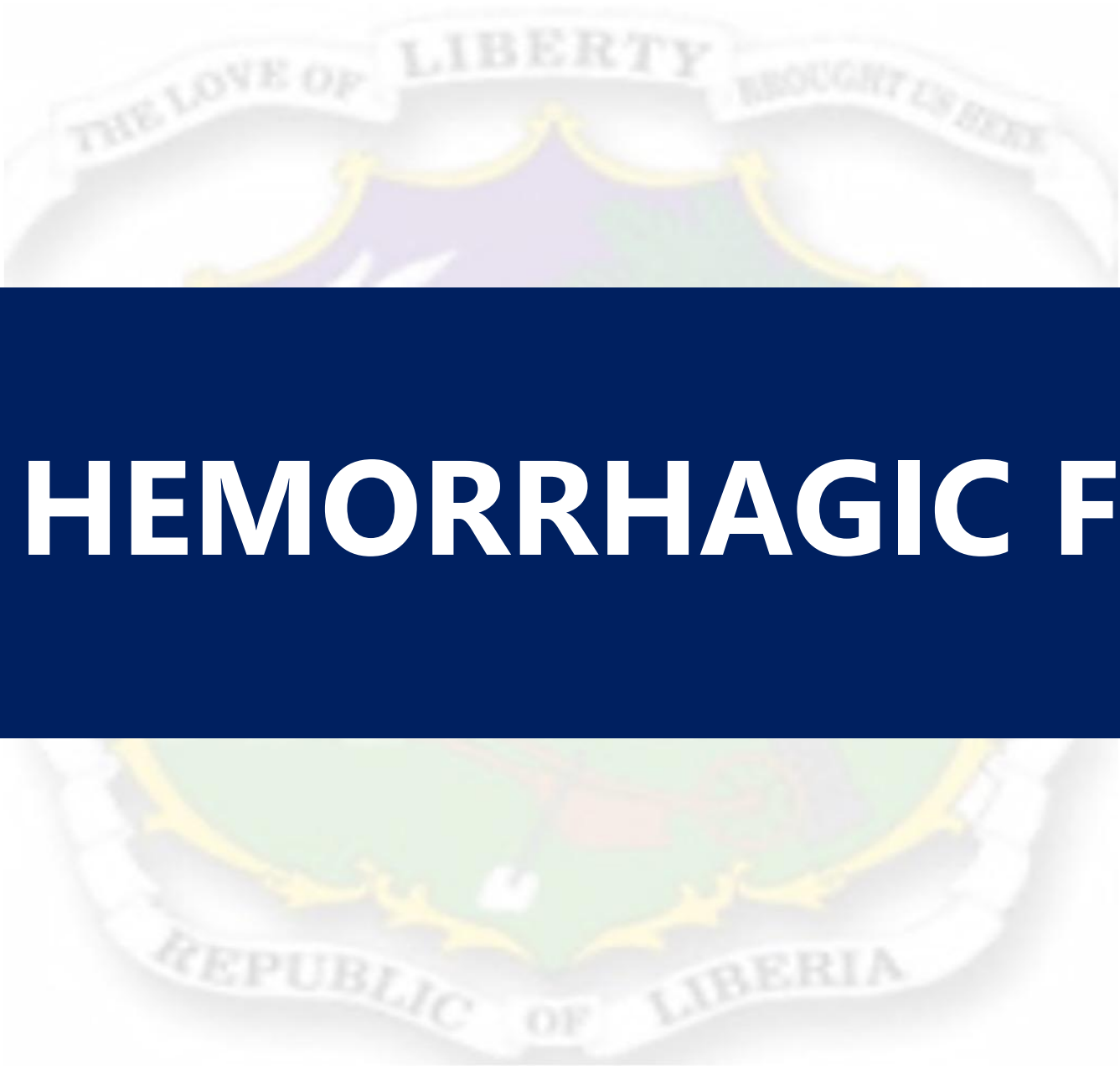
- Ongoing community engagement and awareness creation via a radio station in partnership between the RCCE team and affected counties



INFLUENZA-LIKE ILLNESSES

INFLUENZA

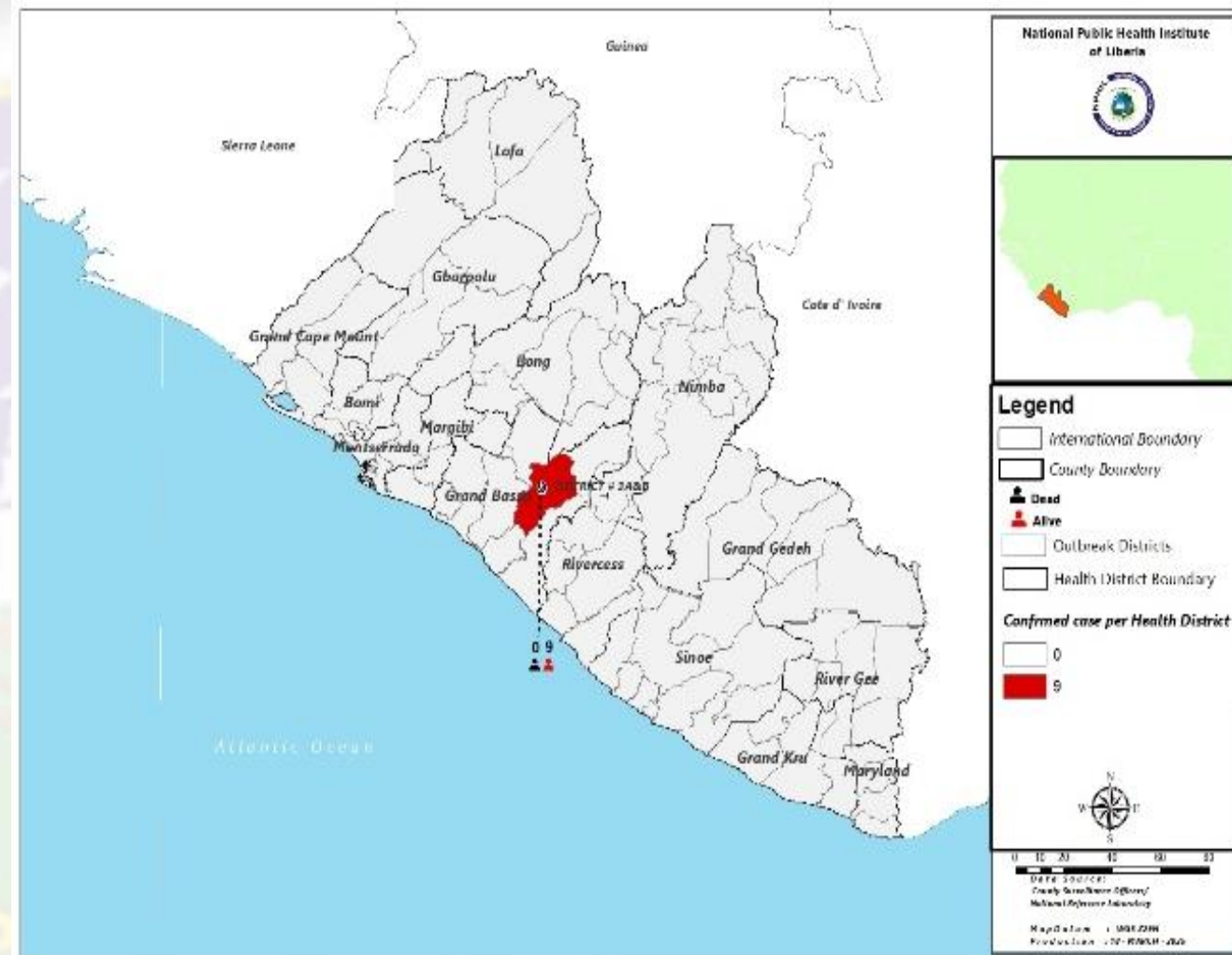
- **Twenty-four (24)** suspected cases reported from Montserrado County
- **Specimens** were collected, 21 tested negative, and 3 pending testing
- **Cumulatively, 78** suspected cases have been reported since Epi-week 1
 - **78** specimens were collected
 - 1 positive
 - 71 negative
 - 2 rejected and 4 pending testing



VIRAL HEMORRHAGIC FEVER

LASSA FEVER...1/6

- **Four (4) suspected** cases reported
 - Grand Bassa (2) and Montserrado (2) Counties
- **Specimens** were collected, 1 tested positive, 2 negative, and 1 pending testing
- **Cumulatively, 41 suspected** cases have been reported
 - Proportion of suspected cases with sample collected (41/41) 100%
 - Proportion of suspected cases with sample tested (35/41) 85%
 - 9 lab-confirmed
 - 26 not a case



Geospatial distribution of confirmed Lassa fever cases by Health District, Liberia, Epi-week 1 - 11, 2025

LASSA FEVER...4/6

Summary of Lassa fever Outbreak, Liberia, January 6, 2022- March 16, 2025

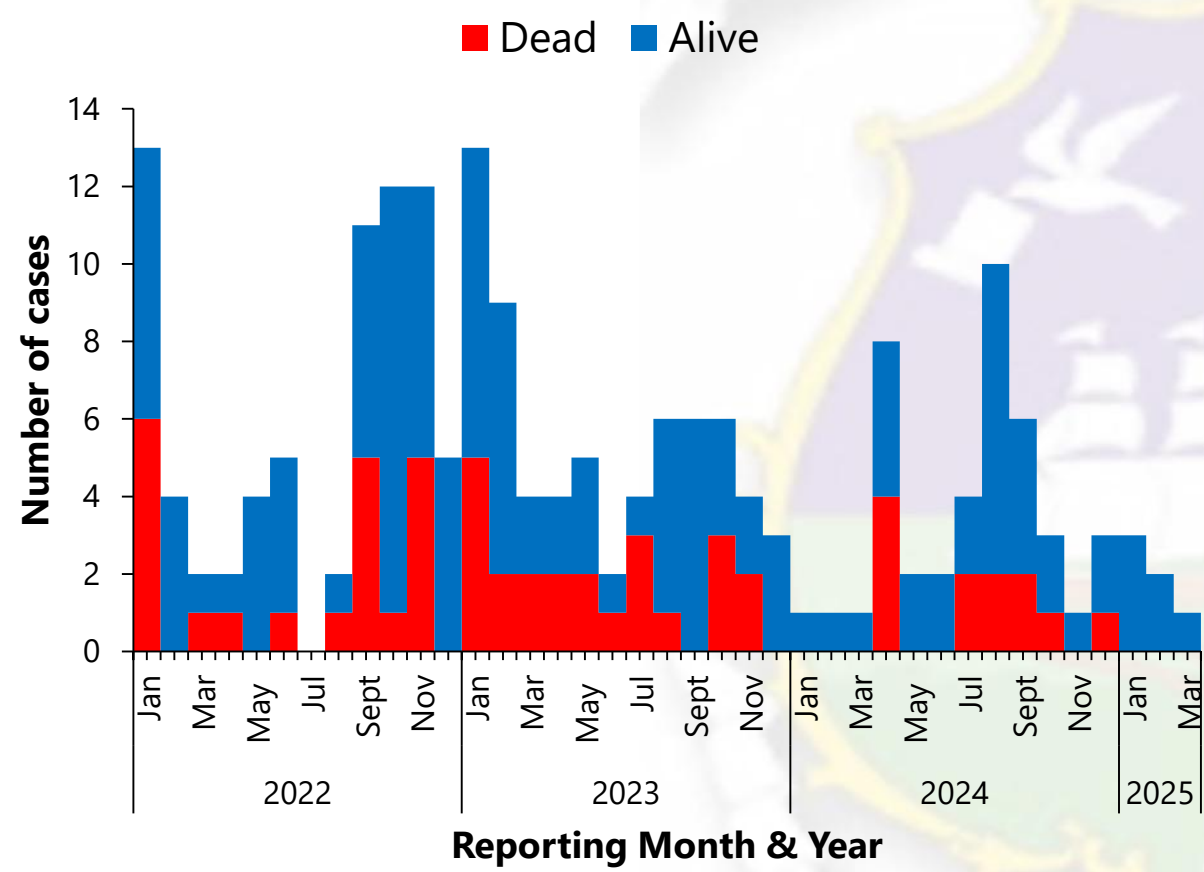
County	Outbreak Districts	Outbreak Start Date	Total suspected	Total confirmed	HCWs confirmed	Total Deaths	Deaths in HCWs	CFR %	Total Contacts	# HCW contacts	Contacts became cases	Contacts under follow up	Contacts completed	Days in countdown	Outbreak Status
Montserrado	Bushrod	13-Feb-23	17	1	0	0	0	0%	29	21	0	0	29	Completed	Ended
	Central Monrovia	27-Nov-23	1	2	0	1	0	50%	49	0	0	0	49	Completed	Ended
	Central Monrovia	3-Mar-23	38	2	0	1	0	50%	28	27	0	0	28	Completed	Ended
	Bushrod	30-Apr-24	2	1	0	0	0	0%	14	6	0	0	14	Completed	Ended
Bong	Suakoko	21-Apr-23	192	54	18	13	2	24%	496	114	6	0	417	Completed	Ended
	Jorquelleh	15-Oct-23	14	6	3	1	1	17%	121	86	3	0	169	Completed	Ended
	Kokoyah	6-Jun-24	3	1	0	0	0	0%	8	0	0	0	8	Completed	Ended
	Suakoko	29-Jul-24	11	5	1	0	0	0%	37	14	0	0	37	Completed	Ended
	Suakoko	23-Feb-24	31	3	0	0	0	0%	29	14	0	0	29	Completed	Ended
	Salala	8-Mar-24	2	2	0	1	0	50%	21	0	0	0	21	Completed	Ended
	Jorquelleh	11-Apr-24	3	2	0	1	0	0%	41	30	0	0	41	Completed	Ended
	Suakoko	19-Nov-24	3	2	0	1	0	50%	8	5	0	0	8	Completed	Ended
Grand Bassa	District 3A&B	21-Aug-23	87	44	0	10	0	23%	177	40	40	0	159	Completed	Ended
	Buchanan	11-Aug-23	2	1	0	1	0	100%	4	2	0	0	4	Completed	Ended
	District 3A&B	30-Apr-24	7	3	0	1	0	33%	12	3	0	0	12	Completed	Ended
	District 3A&B	3-Sep-24	7	6	0	1	0	17%	27	10	0	0	27	Completed	Ended
	District 3A&B	20-Dec-24	8	8	0	0	0	0%	13	2	0	6	13	Active	Ongoing
Nimba	Saclepea-Mah	21-Nov-23	4	2	0	1	0	50%	5	0	0	0	5	Completed	Ended
	Sanniquellie-Mah	6-Feb-23	43	15	0	9	0	60%	43	35	8	0	43	Completed	Ended
	Tappita	29-Jul-24	5	2	0	1	0	50%	27	24	0	0	27	Completed	Ended
	Tappita	20-Nov-23	12	5	0	3	0	60%	88	39	4	0	77	Completed	Ended
	Bain-Garr	1-Jun-23	25	6	0	3	0	50%	61	25	0	0	31	Completed	Ended
	Bain-Garr	15-Apr-24	5	2	0	1	0	50%	25	7	0	0	25	Completed	Ended
	Bain-Garr	18-Jul-24	20	10	0	5	0	50%	173	98	1	0	173	Completed	Ended
River Gee	Putupo	25-Nov-22	2	1	0	1	0	100%	14	0	0	0	14	Completed	Ended
Total			543	186	22	56	3	30%	1550	602	62	6	1460		

Legend:

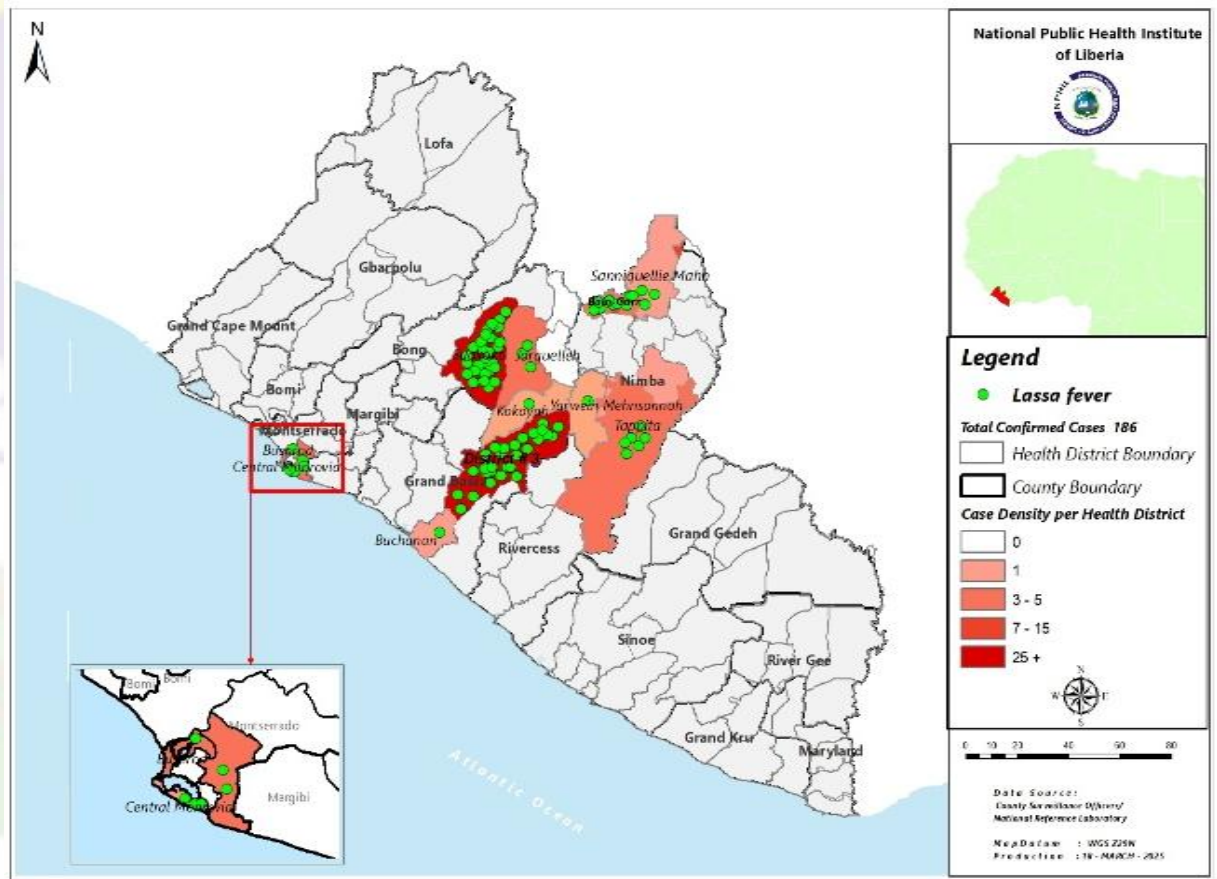
Outbreaks in countdown stage in reporting districts

Active/ ongoing outbreaks not in countdown stage with active response interventions in reporting districts

LASSA FEVER...5/6



Epi-curve of Confirmed Lassa Fever Cases by Outcome, Liberia, January 6, 2022 – March 16, 2025



Geospatial distribution of outbreak district with number of confirmed Lassa fever cases, Liberia, January 6, 2022 – March 16, 2025

LASSA FEVER...6/6

Public Health Actions

Coordination

- The National Public Health Institute of Liberia (NPHIL) and the Ministry of Health (MoH) are providing technical support to the affected counties with support from partners

Surveillance

- Active case search ongoing in affected communities
- Six (6) contacts line-listed and currently undergoing 21 days follow-up
- Grand Bassa County is currently in outbreak
- Weekly sit-reps developed and disseminated to stakeholders

Laboratory

- National Public Health Reference Laboratory continues testing of Lassa fever samples
- A total of 186 Lassa fever cases have been confirmed since this outbreak

Case Management

- Ribavirin distributed to affected counties
- One confirmed case in isolation at LAC Hospital (Grand Bassa County)



DIARRHEAL DISEASES



ACUTE BLOODY DIARRHEA (Suspected Shigellosis)

- **Eight (8) cases** were reported:
 - Maryland (2), Bomi (1), Margibi (1), Sinoe (1), Lofa (1), River Gee (1), and Gbarpolu (1) Counties
- **Five specimens** were collected, 2 tested negative, 1 positive, and 2 pending testing
- **Cumulatively, 112 suspected** cases have been reported since Epi-week 1
 - Sixty-nine (69) specimens were collected, with 49 received at the NRL
 - 43 negative, 4 positive (*Shigella Flexneri*)
 - 2 pending testing

SEVERE ACUTE WATERY DIARRHEA (Suspected Cholera)

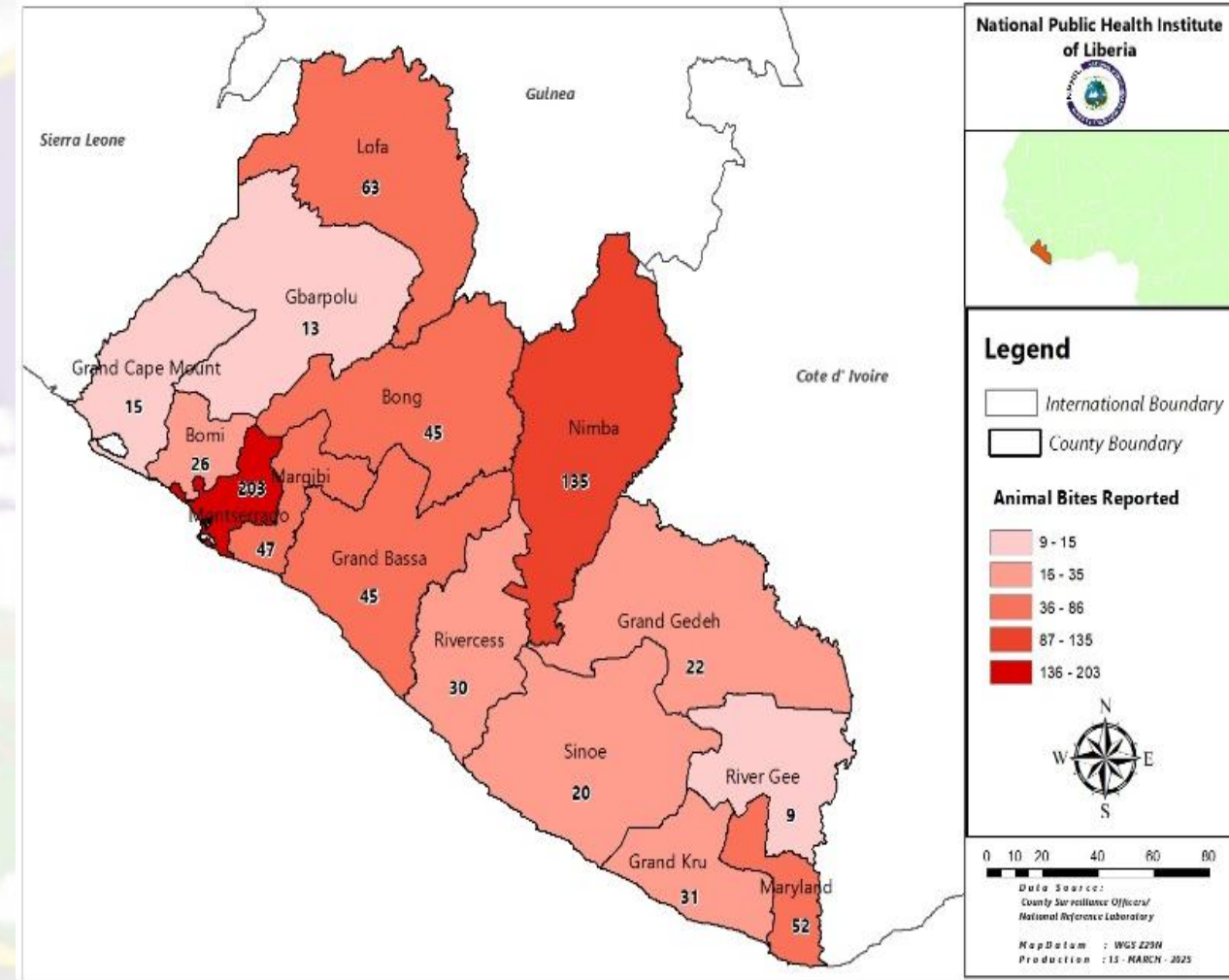
- **Five (5) suspected cases** were reported:
 - Maryland (2), Lofa (2), and Rivercess (1) Counties
- **Three specimens** were collected, and 1 received at the lab while 2 pending arrival at the laboratory
- **Cumulatively, 113 suspected** cases have been reported since Epi-week 1
 - Fifty-two (52) specimens were collected, 23 received at the laboratory
 - 22 negative and 1 pending testing



OTHER REPORTABLE DISEASES

ANIMAL BITE (Human Exposure to Rabies)...1/2

- **Fifty-seven (57) dog bite** cases
 - Montserrado (15), Nimba (10), Maryland (7), Bong (6), Sinoe (4), Margibi (3), Gbarpolu (3), Grand Cape Mount (2), Lofa (2), Grand Bassa (2), Bomi (1), Grand Kru (1), and Grand Gedeh (1) Counties
- **Proportion** of cases investigated
 - 47% (27/57)
 - PEP was administered to 2 persons in Bomi County
- **Cumulatively, 780** cases reported since Epi-week 1



Distribution of Human Exposure to Animal Bites Cases by County, Liberia Epi-week 1 - 11, 2025



EVENTS OF PUBLIC HEALTH IMPORTANCE

MATERNAL MORTALITY

- **Two (2) deaths** were reported
 - Montserrado County
- **Reported causes:**
 - Sepsis (1) and 1 pending review
- **Reporting site:**
 - Health facility (2/2) 100%
- **Cumulatively, 40** deaths reported
 - Proportion of deaths reviewed (37/40) 92%

NEONATAL MORTALITY

- **Sixteen (16) deaths** were reported from
 - Montserrado (9), River Gee (2), Grand Kru (2), and Grand Gedeh (1) Counties including 2 accounting for perinatal deaths from Bong and Lofa
- **Reported causes:**
 - Asphyxia (12), sepsis (3), and preterm (1)
- **Reporting sites:**
 - Health facility 16/16 (100%)
- **Cumulatively, 188** deaths have been reported
 - Proportion of deaths reviewed (118/188) 63%

ADVERSE EVENTS FOLLOWING IMMUNIZATION (AEFI)

- **Fourteen (14) events** were reported
 - Sinoe (4), Lofa (4), Rivercess (2), Gbarpolu (2), River Gee (1) and Montserrado (1) Counties
- **Related vaccines:**
 - Penta (9), Pneumo (3), IPV (1), and Yellow fever
- **Cumulatively, 163** events reported since Epi-week 1



BORDER SURVEILLANCE UPDATE

Travelers and IDSR Alerts Detected and Verified at Points of Entry, Liberia, Epi-week 11, 2025

Type of Ports	Point of Entry	Weekly Total	Arrival	Departure	Total traverlers with YB	Yellow Book Damage	Card Replaced	Travelers Vaccinated against YF & Issued book	Alerts detected/ Verified
Airport	James S. Paynes	34	15	19	0	0	0	0	0
	Robert Int'l Airport	5003	2691	2312	4950	2	53	16	0
Seaport	Freeport of Monrovia	306	153	153	306	0	0	0	0
	Buchanan Port	162	81	81	162	0	0	0	0
Ground Crossing	Bo Water Side	458	251	207	453	0	5	0	0
	Ganta	107	46	61	33	0	0	0	0
	Yekepa	178	84	94	52	0	0	0	0
	Loguatuo	349	175	174	339	0	0	0	0
Total		6,597	3,496	3,101	6,295	2	58	16	0

Note: Yellow book (YB) issue for both arrival and departure; Vaccination coverage for both arrival and departure



PUBLIC HEALTH MEASURES

NATIONAL LEVEL

- Ongoing rollout training for Mpox Vaccination in Margibi County supported by WHO and African CDC
- Conducting IDSR/EBS training in Grand Kru, Maryland, Sinoe, Rivercess, and River Gee Counties with support from Global Fund
- Ongoing IMS meeting for coordination and resource mobilization
- Produced and disseminated weekly Epi bulletins and weekly situation reports for Mpox and Lassa fever outbreaks

COUNTY LEVEL

- **Surveillance**
 - Production of situational reports
 - Active case search ongoing in affected and surrounding communities
 - Conducted rabies awareness in affected community in Cape Mount and Montserrado Counties
- **Case Management**
 - Administration of PEP
 - Isolation and management for Lassa fever and Measles cases ongoing in affected counties

For comments or questions, please contact

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