



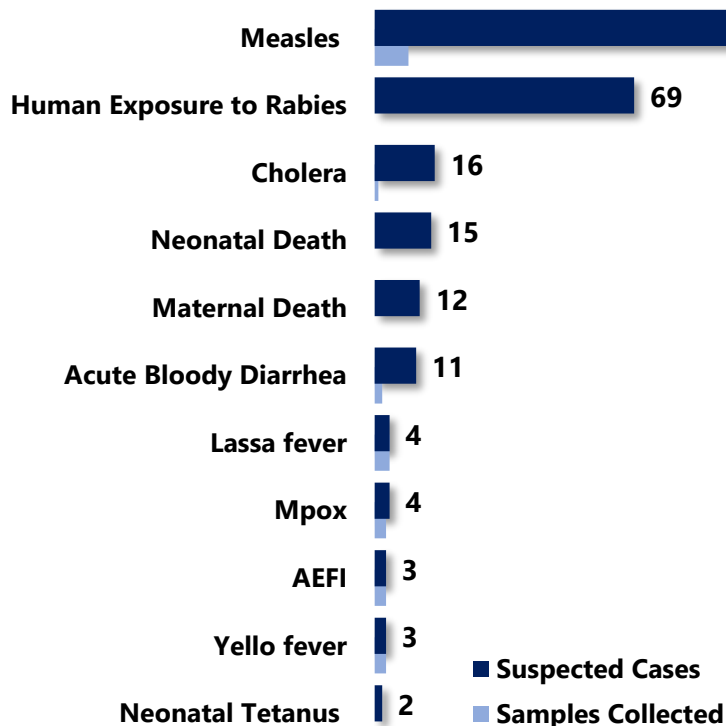
Liberia IDSR Epidemiology Bulletin

Epi-week 20 (May 15-21, 2023)

Country Population: 5,104,413 | Volume 20 Issue 18 | May 15-21, 2023 | Data Source: CSOs from 15 Counties and Laboratory

Highlights

Figure 1: Public Health Events Reported



Keynotes and Events of Public Health Significance

- ◆ A total of 249 events of public health importance including 31 deaths reported
- ◆ Completeness and timeliness of health facility reports were both 98%
- ◆ Ongoing Lassa fever outbreak in 2 Counties
- ◆ Ongoing Measles outbreak in 13 Counties
- ◆ Ongoing Mpox outbreak in 2 Counties

Adverse Events Following Immunization/Adverse Drug Reaction (AEFI)

Reporting Coverage

Table 1: Health Facility Weekly IDSR Reporting Coverage, Liberia, Epi-week 20, 2023

County	Expected Reports From HF*	Reports Received	Received on Time	Completeness (%)	Timeliness (%)
Bomi	28	28	28	100	100
Bong	67	67	67	100	100
Gbarpolu	18	18	18	100	100
Grand Bassa	37	37	37	100	100
Grand Cape Mount	34	34	34	100	100
Grand Gedeh	24	24	24	100	100
Grand Kru	24	24	24	100	100
Lofa	60	60	60	100	100
Margibi	66	66	66	100	100
Maryland	28	28	28	100	100
Montserrado	418	403	403	98	98
Nimba	92	92	92	100	100
Rivercess	21	21	21	100	100
River Gee	20	20	20	100	100
Sinoe	41	41	41	100	100
Liberia	978	963	963	98	100

963(98%) Health facilities reported IDSR data

98(100%) Health districts reported IDSR data

963 (100%) Health facilities reported timely IDSR

- ◆ The national target for weekly IDSR reporting is 80%. Health facility timeliness is monitored at the health district level
- ◆ All Counties reported on time to the national level

Legend: ≥80 <80

Vaccine-Preventable Diseases

Measles

- ☞ One hundred -ten (110) suspected cases including two deaths (Somalia Drive) were reported from 10 Counties (see distribution in table 2)
- ☞ Nine (9) specimens collected and pending testing
- ☞ Fifty (50) were vaccinated (see distribution in table 3)

Table2: Distribution of Measles cases per county and epi-classification, Liberia, Epi week 20, 2023

COUNTY	Cases Week 20	Lab confirmed Epi Week 20	CLASSIFICATION OF CONFIRMED CASES, EPI WEEK 1-20			Deaths	CFR (%)	CUMULATIVE # SUSPECTED CASES, EPI WEEK 1-20	CUMULATIVE # CONFIRMED CASES, EPI WEEK 1-20
			Lab confirmed	Epi Linked	Clinically Compatible				
Bomi	0	0	0	13	45	0	0.0	69	60
Bong	4	0	2	6	163	1	0.6	171	171
Gbarpolu	0	0	0	0	31	0	0.0	32	31
Grand Bassa	0	0	0	0	138	0	0.0	140	138
Grand Cape Mount	0	0	0	2	55	0	0.0	66	58
Grand Gedeh	16	0	4	26	158	0	0.0	231	188
Grand Kru	7	0	6	72	566	2	0.3	646	644
Lofa	4	0	0	0	68	0	0.0	76	68
Margibi	3	0	1	8	171	0	0.0	182	180
Maryland	30	0	0	0	498	0	0.0	500	498
Montserrado	35	0	4	53	787	2	0.2	852	844
Nimba	6	0	2	33	213	3	1.2	250	248
River Gee	3	0	0	0	82	0	0.0	102	82
Rivercess	0	0	1	0	25	0	0.0	31	26
Sinoe	2	0	4	11	58	0	0.0	87	73
Grand Total	110	0	27	224	3,058	8	2	3,435	3,039

Table 3: Vaccination Status of Measles Cases, Liberia, Epi week 20, 2023

County	Vaccinated	Number of Doses Received		
		One Dose	Two Doses	Doses Not indicated
Bomi	0	0	0	0
Bong	1	1	0	0
Gbarpolu	0	0	0	0
Grand Bassa	0	0	0	0
Grand Cape Mount	0	0	0	0
Grand Gedeh	4	4	0	0
Grand Kru	2	0	2	0
Lofa	3	3	0	0
Margibi	2	2	0	0
Maryland	2	2	0	0
Montserrado	29	26	3	0
Nimba	3	3	0	0
River Gee	3	0	0	3
Rivercess	0	0	0	0
Sinoe	1	0	0	1
Grand Total	50	41	5	4

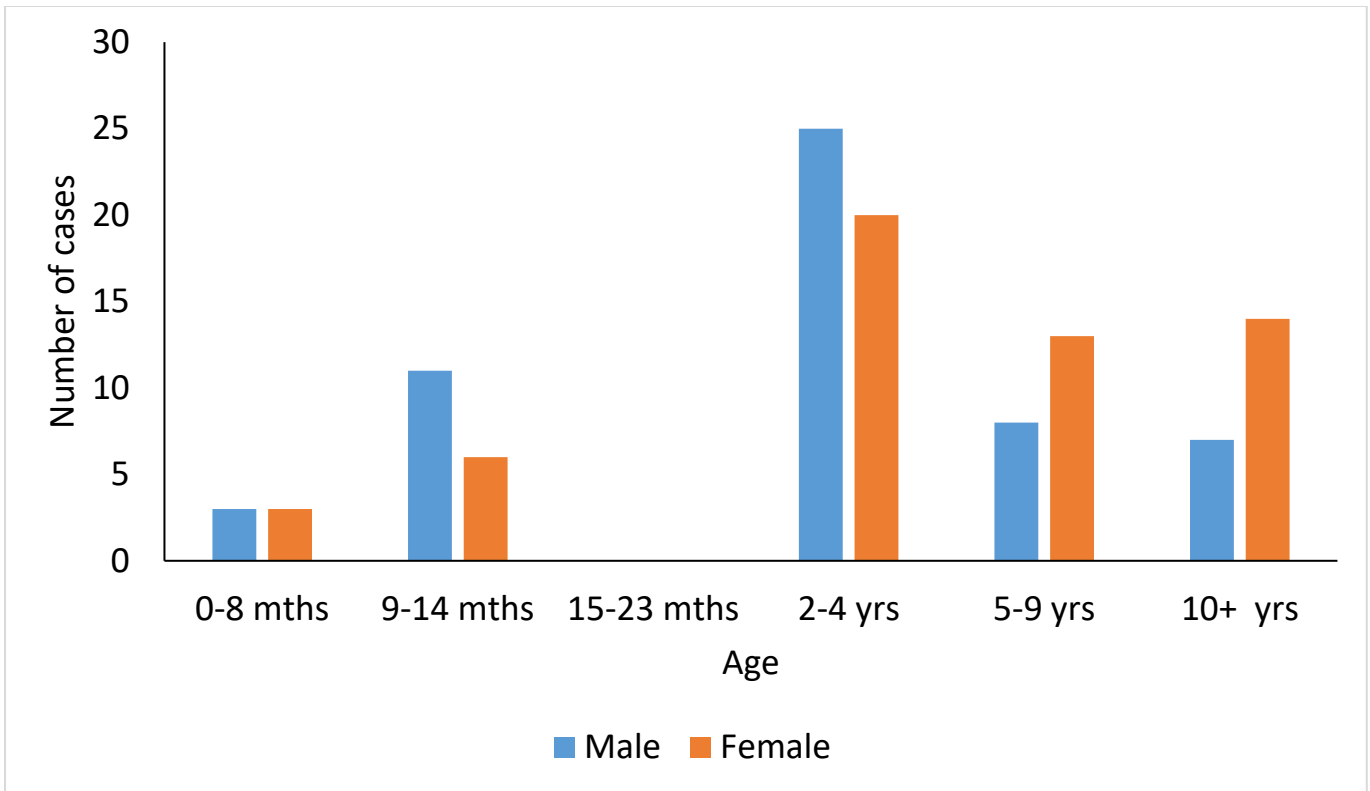


Figure 2: Distribution of Measles Cases by Sex, Liberia Epi Week 20, 2023

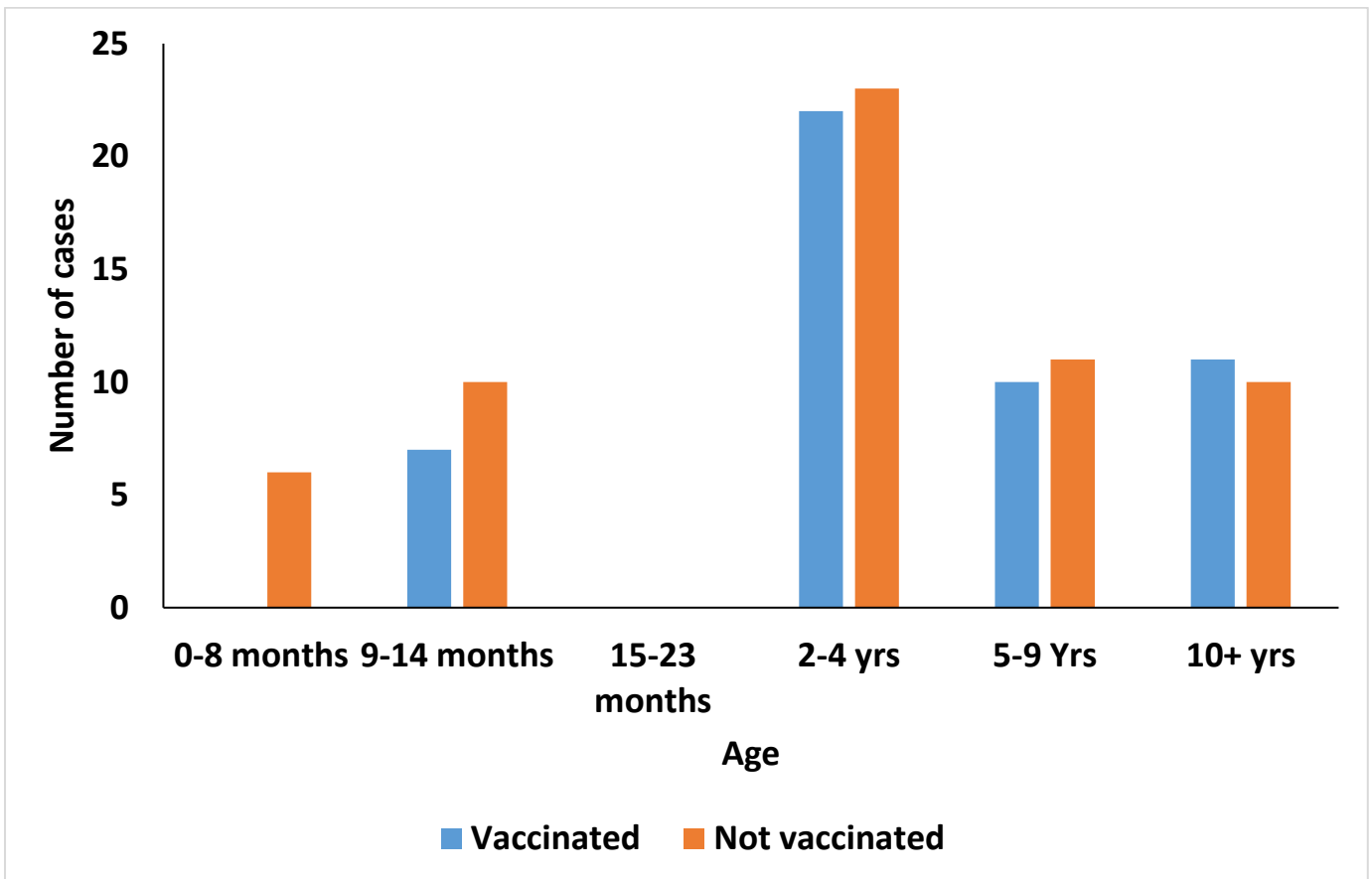


Figure 3: Vaccination Status of Suspected Measles Cases by Age Group, Liberia, Epi-Week 20, 2023

Table 4: Cumulative Distribution of Measles Cases and Deaths, December 13, 2021- May 21, 2023

COUNTY	CUMULATIVE SUSPECTED CASES	CUMULATIVE CONFIRMED CASES	CLASSIFICATION OF CONFIRMED CASES			CLASSIFICATION OF CONFIRMED DEATHS			CUMULATIVE DEATHS	CFR (%)	# CONFIRMED CASES WEEK 19	# CONFIRMED CASES WEEK 20	% CHANGE	Outbreak Status
			Lab confirmed	Epi Linked	Clinically Compatible	Lab confirmed	Epi Linked	Clinically Compatible						
Montser rado	5, 210	5,144	145	4,449	550	3	61	5	69	1.6	32	35	9	Ongoing
Nimba	1009	979	39	837	103	0	0	4	4	0.1	11	6	45	Ongoing
Margibi	782	762	34	663	65	0	1	0	1	0	1	3	200	Ongoing
Grand Bassa	895	858	40	677	142	1	6	0	7	1	4	0	-100	Ongoing
Lofa	303	242	32	141	69	0	0	0	0	0	2	3	50	Ongoing
Bong	541	516	21	413	82	0	1	2	3	0.6	3	4	33	Ongoing
Maryland	859	851	22	661	168	0	0	0	0	0	21	27	29	Ongoing
Grand Gedeh	460	343	34	113	196	0	0	0	0	0	6	16	167	Ongoing
Sinoe	242	187	36	58	93	0	0	0	0	0	2	0	-100	Ongoing
Bomi	178	152	35	72	45	1	2	2	5	7.4	0	0	-	Ongoing
Grd Cape Mt	192	169	17	116	36	0	2	1	3	2.7	6	0	-100	Ongoing
Grand Kru	917	845	22	635	188	0	2	0	2	0	0	5	-	Ongoing
Gbarpolu	86	72	5	60	7	0	0	0	0	0	0	0	-	Ended
Rivercess	102	84	23	54	7	0	1	0	1	1.3	0	0	-	Ended
River Gee	67	56	3	0	53	0	0	0	0	0	11	1	-91	Ongoing
Total	11,843	11,260	508	8,949	1,804	5	76	14	95	1.5	99	100		

Public Health Response

I. Coordination

- Response efforts have been coordinated by CHTs with support from partners

II. Epidemiological Surveillance

- Surveillance activities have been intensified in affected counties (Grand Kru, Grand Gedeh, and Maryland)
- Active case search
- Line listing of cases

III. Case Management

- Cases were symptomatically treated and discharged home for home-based isolation in Lofa, Grand Gedeh, and Grand Kru, Counties

IV. Immunization

- Routine immunization ongoing in affected counties

V. Laboratory

- Specimens were collected from 5 districts in 3 counties for testing (River Gee-Sarbo, Chedepo and Gbeapo, Grand Gedeh-B'hai, and Sinoe-Kpanyan-2).
- Five hundred nine (509) cases have been confirmed by laboratory from December 13, 2021 –May 21, 2023.

VI. Risk Communication and Community Engagement

- Awareness and health education on prevention and control of measles ongoing on Smile FM Radio in Grand Gedeh County

- Engagement with community stakeholders, parents and health care workers on measles prevention ongoing in Montserrado and Grand Cape Mount, Grand Gedeh, and Nimba Counties

Challenges

- Limited support to response to Measles outbreak in Grand Bassa County
- Irregular samples transportation by Riders for Health in Grand Kru County
- DSOs lack functional laptop computers (Gbarpolu, Bomi, Bong, Montserrado, Rivercess, and Margibi)
- Limited specimen collection kits for priority diseases in Montserrado
- Stock out of alert and lab submission forms in Maryland, Grand Cape Mount, and Lofa Counties

Acute Flaccid Paralysis (AFP)

- ☞ Zero cases reported
- ☞ Cumulatively, twenty-three (23) cases were reported
 - Ten (10) tested negative
 - Twelve (12) pending

Neonatal Tetanus

- ☞ Two (2) neonatal tetanus cases were reported from Gbarpolu (death) and Montserrado Counties
- ☞ Cumulatively, twenty-seven (27) cases including 4 deaths reported

Influenza-Like Illnesses

Coronavirus Disease (COVID-19)

Outbreak

- ☞ No new confirmed cases reported
- ☞ Cumulatively, eight thousand, twenty-two (8,022) confirmed cases, including 294 deaths
 - 601 healthcare workers
- ☞ A total of 17,827 contacts have been generated
 - 1,772 healthcare workers

Public Health Actions

- IMS coordination meeting ongoing
- Surveillance activities including active case search and case investigation ongoing in the affected counties using WHO interim guidelines
- Case management ongoing for confirmed cases
- Compulsory testing among outgoing travelers as required by the country of destination ongoing

Influenza

- ☞ Zero suspected case was reported
- ☞ Cumulatively, 39 suspected cases reported

Viral Hemorrhagic Diseases

Lassa fever

- ☞ Four (4) suspected cases were reported from Bong County
- ☞ Specimens were collected: 1 tested positive, 1 negative and 2 pending testing
- ☞ Cumulatively, one hundred and fifteen (115) suspected cases reported
 - Proportion of suspected cases with a sample collected (105/115) 91%
 - Proportion of suspected cases with sample tested (101/105) 96%
 - Four pending testing

Current Outbreak

Lassa fever disease

- ☞ One (1) new confirmed case was reported from Bong County
- ☞ Seven new contacts generated from confirmed case

☞ Cumulatively, seventy-five (75) laboratory-confirmed cases including 20 deaths reported (CFR=27%)

Table 5: Summary of Confirmed Lassa fever case Reported Epi-week 20, 2023

Age (Yrs)	Sex	Outcome	Occupation	Community of resident	District of outbreak	Reporting County	Date of Onset	Date of Admission	Hospital	Signs & symptoms	Date specimen collected	Date specimen sent to Lab.	Date specimen received Lab	Date ribavirin initiated	Date case confirmed	Total contacts generated	Total HCWs contacts	Epi Link
5 yrs	F	Alive	Unknown	SKT Comm	Suakoko	Bong	11-May-23	14-May-23	Phebe hosp	fever, weakness, vomiting & abdominal pain	14-May-23	15-May-23	15-May-23	Not administered	19-May-23	7	5	No

Table 6: Summary of Lassa fever Outbreak, Liberia, Jan 6, 2022-May 21, 2023

County	Outbreak Districts	Outbreak Start Date	Total suspected cases	Total confirmed cases	Deaths in HCWs	Total Deaths	CFR %	Total Contacts	# HCW contacts	Contacts_became cases	HCW became confirmed case	Contacts under follow up	Contacts completed	Days in countdown	Outbreak Status
Montserrado	Bushrod	13-Feb-23	2	2	0	1	50%	29	21	0	0	0	29	Completed	Over
	Central Monrovia	3-Mar-23	1	1	0	1	100%	28	27	0	0	0	28	Completed	Over
Bong	Suakoko	21-Apr-23	37	33	1	7	50%	303	147	5	4	46	253	Active	Ongoing
	Sanoyea	5-Apr-22	6	1	0	1	100%	10	10	0	0	0	19	Completed	Over
	Jorquelleh	6-Jan-22	22	8	1	2	25%	99	61	3	3	0	94	Completed	Over
Grand Bassa	District 3A&B	9-Sep-22	52	27	0	7	26%	147	28	2	0	0	147	Active	Ongoing
Nimba	Saclepea-Mah	13-Mar-23	1	1	0	1	100%	36	32	4	0	0	36	Completed	Over
	Sanniquellie-Mah	2-Feb-23	10	2	0	0	0%	43	35	8	0	0	43	Completed	Over
			8	131	75	2	20%	695	361	22	7	46	649		

Public Health Measures

- NPHIL continues to provide technical support to the affected counties

I. Surveillance:

- Heightened case detection and reporting in affected communities and districts
- Situational reports are produced and shared regularly at the National Level
- Daily follow-up/monitoring of contacts

II. RCCE

- Health Education in affected and surrounding communities
- Health workers and visitors are encouraged to enhance IPC practices by regular washing of hands

III. Case Management

- Cases isolated and ribavirin treatment not administered

IV. IPC

- Affected communities were empowered with the WASH package to enable them to undertake short-term interventions that will improve the sanitation situation in each community thereby helping in Lassa fever prevention and control

Yellow fever

- ☞ Three (3) cases were reported from: Grand Cape Mount, Sinoe, and River Gee Counties
- ☞ Specimens were collected and pending testing
- ☞ Cumulatively forty-seven (47) suspected cases reported
 - Proportion of suspected cases with samples collected (42/47) 89%

- Three samples were collected but not transported (Epi week 5 from Grand Gedeh, River Gee, and Grand Kru Counties)
- Proportion of samples collected and tested (25/42) 60%
 - Negative- 25
 - Pending testing -14

Ebola Virus Disease

☞ Zero suspected case was reported

Diarrheal Diseases

Acute Bloody Diarrhea (Suspected Shigellosis)

- ☞ Eleven (11) cases were reported: Nimba (4), Sinoe (3), Grand Kru (2), Maryland (1), and Rivercess (1) Counties
- ☞ Two specimens were collected and pending testing
- ☞ Cumulatively, two hundred fifty-eight (258) cases were reported
- One hundred six (106) specimens were collected
 - 51 negative
 - 7 specimens rejected
 - Thirteen (13) specimens were not transported in epi weeks 8, 12, 16 & 18

Severe Acute Watery Diarrhea (Suspected Cholera)

- ☞ Sixteen (16) suspected cases were reported: Lofa (3), Maryland (3), Bong (2), Grand Kru (2), Montserrado (2), Bomi (1), Grand Gedeh (1), Nimba (1), and River Gee (1) Counties
- ☞ One (1) specimen was collected and pending testing
- ☞ Cumulatively, three hundred forty-five (345) cases reported
- One hundred seven (107) specimens collected
 - 43 tested negative
 - 7 rejected
 - Fifteen (15) specimens were not transported in epi weeks 8, 12, 16, 17 & 18

Other Reportable Diseases

Animal bite (Human Exposure to Rabies)

☞ Sixty-nine (69) animal bites were reported

Table 7: Distribution of Animal bite cases and PEP administration per county, Liberia, Epi week 20, 2023

Counties	Cases	Person receiving PEP	PEP doses administered	Cumulative cases (Wk 1-20)	Cumulative PEP administered (Wk 1-20)
Bomi	0	0	0	25	13
Bong	0	0	0	113	50
Gbarpolu	0	0	0	12	0
Grand Bassa	6	0	0	113	8
Grand Cape Mount	1	1	1	38	21
Grand Gedeh	2	0	0	47	5
Grand Kru	7	0	0	116	15
Lofa	5	4	4	98	38
Margibi	3	2	2	84	42
Maryland	6	4	3	67	27
Montserrado	27	5	5	364	105
Nimba	8	5	4	162	58
Rivercess	2	2	2	27	25
River Gee	1	0	0	52	0
Sinoe	1	0	0	57	4
Total	69	23 (33%)	21	1,375	411

Public Health Actions

☞ Ongoing monitoring and follow-up of cases

Meningitis

- ☞ Zero case was reported
- ☞ Cumulatively, eighteen (18) suspected cases reported
 - Proportion of suspected cases with samples collected (16/18) 89%
 - Proportion of sample tested (12/16) 75%
 - 10 negative and 2 positive

Mpox

- ☞ Four (4) suspected cases were reported: Sinoe (3), and Nimba (1) counties
- ☞ Three specimens were collected: and pending testing
- ☞ Cumulatively, seventy-two (72) suspected cases reported
 - Seven (7) confirmed

Outbreak

Mpox:

- ☞ **No new confirmed case reported**
- ☞ Total of 12 confirmed cases reported
- ☞ Case Fatality Rate: 17%
- ☞ Forty (25) contacts are currently under follow up
- ☞ Two (2) counties are currently in outbreak

SITUATIONAL CONTEXT

Table 8: Summary of Mpox Outbreak, Liberia, Dec 5, 2022 – May 26, 2023

County	Outbreak Districts	Outbreak Start Date	Total suspected cases	Total confirmed cases	Total confirmed in HCWs	Deaths in HCWs	Total Deaths	CFR %	Total Contacts	# HCW contacts	Contacts became cases	Contacts under follow up	Contacts completed	Days in countdown	Outbreak Status
Bomi	Senjeh District	25-Jul-22	5	1	0	0	1	100%	15	0	0	0	15	Completed	Over
Rivercess	Central "C"	5-Dec-22	3	2	0	0	0	0%	16	2	0	0	16	Completed	Over
	Jo-River	22-Feb-23	1	1	0	0	0	0%	6	2	0	0	6	Completed	Over
Lofa	Salayea	22-Dec-22	8	2	0	0	0	0%	13	0	0	0	13	Completed	Over
Cape Mount	Senjeh	25-Jul-22	5	1	0	0	1	100%	15	0	0	0	15	Completed	Over
	Garwula	22-Feb-23	2	2	0	0	0	0%	6	0	1	0	6	Completed	Over
Nimba	Boe Quilla	5-Apr-23	4	1	0	0	0	0%	25	4	0	25	0	26	Ongoing
Sinoe	Kpanyan	18-Apr-23	12	1	0	0	0	0%	37	0	0	0	37	32	Ongoing
Gbarpolu	Belle	17-Mar-23	2	1	0	0	0	0%	7	0	0	0	7	Completed	Over
Total	9		42	12	0	0	2	17%	140	8	1	25	115		

Public Health Measures

I. Coordination

- National Public Health Institute of Liberia (NPHIL), Ministry of Health (MOH) and partners are providing technical support to the County Health Teams

II. Epidemiological Surveillance

- Active case search, case investigation, and contact tracing are ongoing in affected and neighboring communities and districts
- Daily monitoring of contacts ongoing by the surveillance team

III. Laboratory

- Ongoing testing of Mpox samples
- Twelve (12) Mpox cases have been confirmed

IV. Risk Communication and Community Engagement

- Community engagement and awareness in the affected community and surrounding towns ongoing

Key Challenges

- No support from county-based partners for response activities
- Limited IPC materials for response activities
- Limited copies of Mpox standard case definitions

Events of Public Health Importance

Maternal Mortality

- 📌 Twelve (12) deaths were reported: Montserrado (6), Nimba (2), Grand Bassa (2), Lofa (1), and Maryland (1) Counties
- 📌 Reported causes: PPH (7), Eclampsia (2), Sepsis (1), and pending review (2)
- 📌 Reporting Site:
 - Health facility (11/12) 92%
 - Community (1/12) 8%
- 📌 Cumulatively, one hundred forty-one (141) deaths reported
 - Proportion of death reviewed (41/141) 29%
 - Proportion of community death (19/141)13%

Neonatal Mortality

- 📌 Fifteen (15) deaths were reported: Montserrado (12), Rivercess (2), and Sinoe (1) Counties
- 📌 Reported causes: Birth Asphyxia (11), Neonatal sepsis (2), and Prematurity (2)
- 📌 Reporting sites:
 - All deaths occurred at the health facility
- 📌 Cumulatively, two hundred eighty-nine (289) deaths reported

Adverse Events Following Immunization (AEFI)/Adverse Drug Reaction (ADR)

- 📌 Three (3) cases were reported from Lofa County
- 📌 All reported cases were non-serious
- 📌 Related vaccine:
 - Measles (2/3) 67%
 - Penta (1/3) 33%
- 📌 Cumulatively, two hundred sixty-six (266) events were reported and COVID-19 accounted for (126/266) 47%

Border Surveillance Update

A total of 5,132 travelers were recorded for the week with incoming travelers accounting for 47% (2,428/5,132)

Table 9: Border activity at the PoE for Incoming and Outgoing Travelers, Liberia, Epi week 20, 2023

Type of Ports	Point of Entry	Weekly total	Arrival	Departure	Total travelers with YB	Yellow Book Damage	Card Replaced	Travelers Vaccinated against YF & Issued book	Alerts detected/ Verified	COVID-19 Reactive	Evidence of COVID-19 vaccination card/certificate
Airport	James S. Paynes	69	32	37	8	0	0	0	0	0	8
	Robert Int'l Airport	3880	1860	2020	3804	71	50	10	0	0	3810
Seaport	Freeport of Monrovia	106	53	53	106	0	0	0	0	0	106
	Buchanan Port	76	38	38	76	0	0	0	0	0	76
Land Crossing	Bo Water Side	572	225	317	567	2	3	2	0	0	555
	Ganta	290	145	145	102	1	2	8	0	0	74
	Yekepa	69	37	32	33	0	0	0	0	0	49
	Loguatu	70	38	32	58	0	0	0	0	0	98
Total		5,132	2,428	2,674	4,754	74	55	20	0	0	4,776

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

Public Health Measures

National level

Community engagement and border meeting airing messages on Lassa fever, Monkey pox, COVID-19, and Measles in Nimba, Grand Cape Mount, and Grand Bassa Counties

County-level

Coordination

- Partner coordination and resource mapping

Surveillance

- Publication of situational reports
- Active case search ongoing in affected and surrounding communities

Case Management

- Administration of PEP
- Management of measles cases ongoing

Appendix

Summary of Immediately Reportable Diseases, Conditions, and Events by County

		Bomi	Bong	Gbarpolu	Grand Bassa	Grand Cape Mount	Grand Gedeh	Grand Kru	Lofa	Margibi	Maryland	Montserrado	Nimba	Rivercess	River Gee	Sinoe	Total Weekly	Cumulative Reported	Cumulative Lab-confirmed	
No. of Expected Health District		4	9	5	8	5	6	5	6	4	6	7	6	6	6	10	93			
No. of Health District Reported		4	9	5	8	5	6	5	6	4	6	7	6	6	6	10	93			
Vaccine Preventable Diseases	Acute Flaccid Paralysis (Suspected Polio)	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	23	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Measles	A	0	4	0	0	0	16	7	4	3	30	33	6	0	3	2	108	3,435	27
		D	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	2	0
	Neonatal Tetanus	A	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	23	0
		D	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	4	0
Yellow fever	A	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	3	47	0	
	D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Viral Hemorrhagic Diseases	Dengue fever	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Ebola Virus Disease	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Lassa fever	A	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	3	190	55
		D	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	15	19
Influenza-Like Illnesses	COVID-19	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Influenza Like Illnesses	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	39	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Diarrheal Diseases	Acute Bloody Diarrhoea (Shigellosis)	A	0	0	0	0	0	2	0	0	1	0	4	1	0	3	11	258	0	
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Severe Acute Watery Diarrhoea (Cholera)	A	1	2	0	0	0	1	2	3	0	0	2	1	0	1	0	13	345	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Events of Public Health Interest	Maternal Mortality	D	0	0	0	2	0	0	0	1	0	1	6	0	2	0		12	134	
		D	0	0	0	0	0	0	0	0	0	12	0	0	2	0	1	15	275	
	AEFI	A	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3	266	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Unexplained Cluster of Health Events/Disease	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other Reportable Diseases	Mpox	A	0	0	0	0	0	0	0	0	0	0	1	0	0	2	3	71	12	
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Tuberculosis	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Human Exposure to Rabies (Suspected Human)	A	0	0	0	6	1	2	7	5	3	6	27	8	2	1	1	69	1,375	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
	Meningitis	A	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	19	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0
Unexplained Cluster of deaths	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Neglected Tropical Diseases	Buruli Ulcer	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Yaws	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL		1	10	1	8	0	19	0	16	0	50	0	20	0	6	11	253	6523	86	

D = Dead A = Alive

Notes

- ☞ **Completeness** refers to the proportion of expected weekly IDSR reports received (target: ≥80%)
- ☞ **Timeliness** refers to the proportion of expected weekly IDSR reports received by the next level on time (target: ≥80%). The time requirement for weekly IDSR reports:
 - Health facility - required on or before 5:00 pm every Saturday to the district level
 - Health district - required on or before 5:00 pm every Sunday to the county level
 - County - required on or before 5:00 pm every Monday to the national level
- ☞ **Non-polio AFP rate** is the proportion of non-polio AFP cases per 100,000 among the estimated population under 15 years of age in 2017 (annual target: ≥2/100,000)
- ☞ **Non-measles febrile rash illness rate** refers to the proportion of Negative measles cases per 100,000 population
- ☞ **Annualized maternal mortality rate** refers to the maternal mortality rate of a given period of less than one year and it is the number of maternal deaths per 100,000 live births
- ☞ **Annualized neonatal mortality rate** refers to the neonatal mortality ratio of a given period of less than one year and it is the number of neonatal deaths per 1,000 live births
- ☞ **Epi-linked** refers to any suspected case that has not had a specimen taken for serologic confirmation but is linked to a laboratory-confirmed case
- ☞ **Confirmed case** refers to a case whose specimen has been tested positive or reactive upon laboratory testing, or has been classified as confirmed by either epidemiologic linkage with a confirmed case or clinical compatibility with the disease or condition

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For comments or questions, please contact

Ralph W. Jetoh, MD, MPH

Director

Infectious Disease and Epidemiology Division
National Public Health Institute of Liberia
Republic of Liberia

Email: ralphica2000@gmail.com

Phone: +231 886526388/777372655

Website: www.nphil.gov.lr

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Data sources

Data and information is provided by the fifteen County Surveillance Officers and National Public Health Reference Laboratory via regular weekly reports, telephone calls and email exchanges. Situations are evolving and dynamic therefore numbers stated are subject to change.