



# Liberia IDSR Epidemiology Bulletin

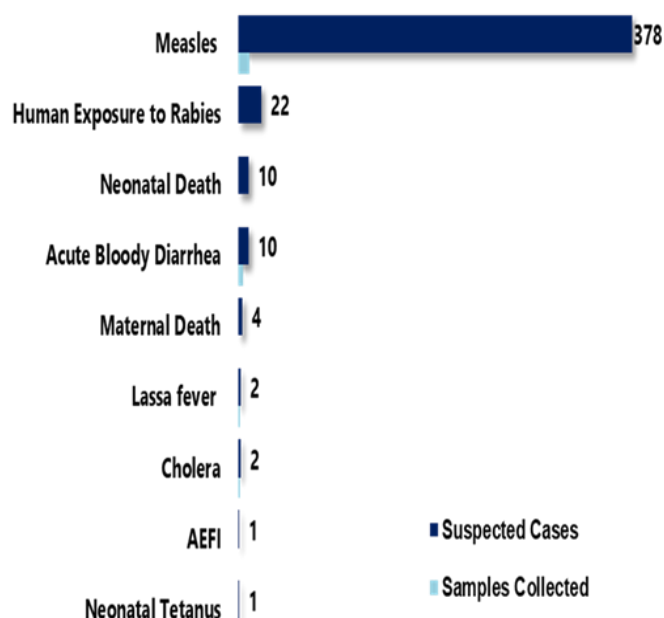
Epi-week 21 (May 23-29, 2022)

Country Population: 5,104,413 || Volume 14 Issue 21 | May 23-29,2022

Data Source: CSOs from 15 Counties and Laboratory

## Highlights

### Figure 1: Public Health Events Reported during this week



### Keynotes and Events of Public Health Significance

- ◆ A total of **430** events of public health importance including **20** deaths were reported
- ◆ Completeness and timeliness of health facility reports were both **100%**
- ◆ **Ongoing Lassa fever** outbreak in two counties
- ◆ **Ongoing Measles** outbreak in fourteen counties
- ◆ **One active case Covid-19** in one county

\*Adverse Events Following Immunization /Adverse Drug Reaction

## Reporting Coverage

Table 1: Health Facility Weekly IDSR Reporting Coverage, Liberia, Epi Week 21, 2022

County	Expected Reports from HF*	Reports Received	Received on Time	Completeness (%)	Timeliness (%)
Bomi	26	26	26	100	100
Bong	57	57	57	100	100
Gbarpolu	15	15	15	100	100
Grand Bassa	36	36	36	100	100
Grand Cape Mount	34	34	34	100	100
Grand Gedeh	24	24	24	100	100
Grand Kru	23	23	23	100	100
Lofa	66	66	66	100	100
Margibi	56	56	56	100	100
Maryland	27	27	27	100	100
Montserrado	326	326	326	100	100
Nimba	88	88	88	100	100
Rivercess	21	21	21	100	100
River Gee	20	20	20	100	100
Sinoe	37	37	37	100	100
<b>Liberia</b>	<b>856</b>	<b>856</b>	<b>856</b>	<b>100</b>	<b>100</b>

856(100%)  
Health  
facilities  
reported  
IDSR data

93 (100%)  
Health  
districts  
reported  
IDSR data

856 (100%)  
Health  
facilities  
reported  
timely IDSR  
data

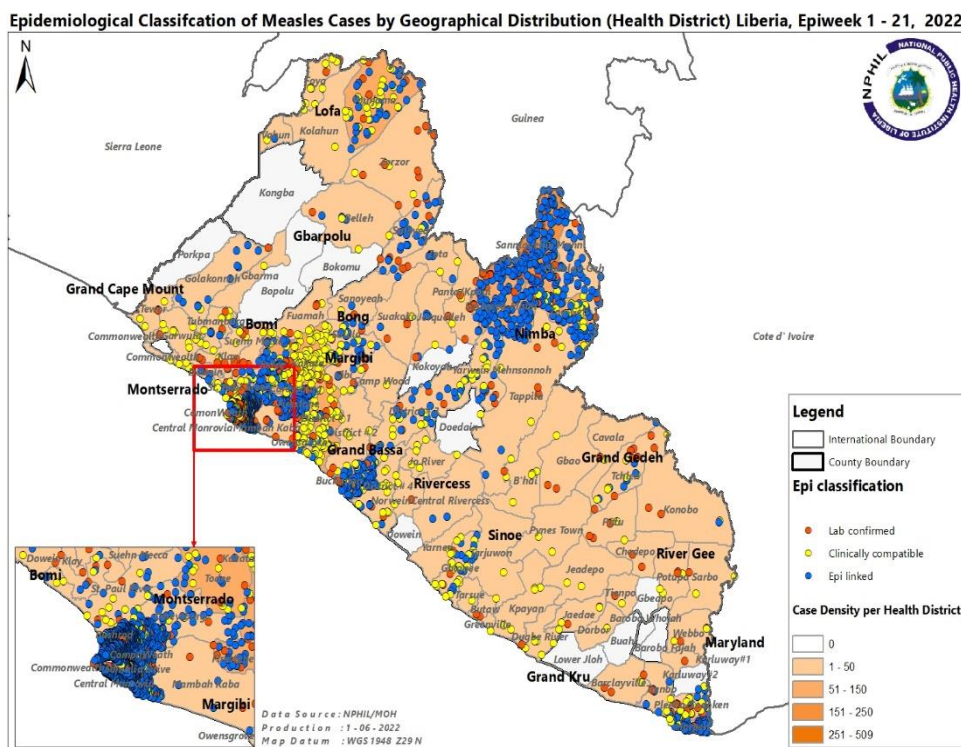
- ◆ The national target for weekly IDSR reporting is 80%. Health facility timeliness is monitored at health district level
- ◆ All counties submitted weekly IDSR reports to the national level on times.

Legend: ≥80 <80

## Vaccine Preventable Diseases

### Measles

- ☞ Three hundred seventy-eight (378) suspected cases were reported Montserrado (166 including 6 deaths), Margibi (119), Nimba (32), Sinoe (17), Grand Bassa (12), Lofa (9), Grand Cape Mount (7), Bong (7), Maryland (3), Grand Gedeh (3), Rivercess (2), and Bomi (1) counties
- ☞ Eleven (11) specimens collected and ten (10) tested: 5 negative, 5 positive and one (1) pending testing
- ☞ Vaccination status among suspected cases
  - Vaccinated: 51% (192)
  - Not vaccinated: 34% (128)
  - Unknown: 15% (58)
- ☞ Age distribution among suspected cases
  - < 5 years: 58% (220)
  - ≥ 5 years: 42% (158)
- ☞ Cumulatively, three thousand eight hundred fifty (3,850) suspected cases have been reported including 41 deaths
  - Confirmed: 3,489 (91%)
    - ✓ Laboratory confirmed: 327 (9%)
    - ✓ Clinically compatible: 493 (14%)
    - ✓ Epidemiologically linked: 2,669 (76%)
  - Non-measles discarded: 361
  - Proportion of samples collected: (689/3,489) 20%
  - Proportion of samples tested: 94% (688/690) 99%



## Outbreak

### Measles: (Situation update as of the 13th December 2021-May 29, 2022)

#### Montserrado County: Commonwealth, Bushrod, Somalia Drive, St. Paul and Central Monrovia Todee and Careysburg Districts

- ☞ One hundred sixty-six (166) new suspected cases including 6 deaths reported for the week
  - Bushrod (90), Somalia Drive (23), Commonwealth (22), Central Monrovia (16), St. Paul (8), Careysburg (4), and Todee (3)
  - A total of 2,031 cases line listed up to date
  - 108 lab confirmed
  - Age range 1 month-48 years
  - Death: 33
  - Death in lab confirmed: 2
  - CFR (33/2,031) 1.6%



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Vaccination status among lab confirmed:

- Vaccinated - (49/108) 45%
- Not vaccinated - (41/108) 38%
- Unknown - (18/108) 17%

## Bong County: Suakoko, Zota, Jorquelleh, Salala and Panta Districts

- 👉 Seven (7) new suspected cases reported from Salala (5), and Zota (2) Districts
- 👉 A total of 132 cases have been recorded including two (2) deaths
  - Eleven (11) laboratory confirmed
  - Age range 1 months- 36 years
  - Vaccinated: (2/11)18%
  - Not vaccinated: (4/11) 36%
  - Unknown: (5/11) 45%

## Lofa County: Voinjama and Salala District

- 👉 Four (4) new cases reported from Voinjama (3) and Salayea (1) Districts
- 👉 A total of one hundred fifty-two (152) suspected cases have been recorded
  - Twenty (20) laboratory confirmed
- 👉 Age range 1 month-67 years
- 👉 Vaccinated: (16/20) 80%
- 👉 Unknown: (3/20) 15%
- 👉 Not applicable: (1/20) 5%

## Nimba County: Sacleapea-Mah, Zoe-Geh, Sacleapea Mah, and Sanniquellie-Mah Districts

- 👉 Thirty-seven (37) new cases reported from Sanniquellie-Mah (13), Sacleapea-Mah (8), Gbehlay-Geh (6), Yarwin Mehnsonnoh (4), Zoe-Geh (4), and Tappita (2) Districts
  - A total of four hundred sixty-four (464) cases line listed
  - Thirty-two (34) laboratory confirmed
  - Range 2 months- 48years
  - Vaccinated : (13/34) 38%
  - Not vaccinated: (14/34) 41%
  - Unknown: (7/34) 21%

## Maryland County: Harper District

- Three (3) new cases reported from Harper District
- A total of 100 cases have been recorded
- Seventeen (17) laboratory confirmed
- Range 7 months-48 years
- Vaccinated: (1/17) 6%
- Not vaccinated: (2/17) 11%
- Unknown: (14/17) 82%

## Grand Bassa County: District #1, District #2, District #3A & B, District #4 and Buchanan Districts

- 👉 Twelve (12) new cases reported from Buchanan (10) and District #1 (2)
- 👉 A total of 263 cases including one death have been recorded
- 👉 Twenty (21) laboratory confirmed
  - Range 1 month-61 years



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- Vaccinated: (11/21) 52%
- Not vaccinated: (7/21) 33%
- Unknown: (3/21) 14%
- CFR (1/236) 0.4%

## **Bomi County: Suehn Mecca, Senjeh, Dowein and Klay Districts (Situation update as of 7 March- 29 May, 2022)**

- 👉 One (1) new case recorded from Senjeh District
- 👉 A total of 60 cases have been recorded including 3 deaths
  - Nineteen (21) laboratory confirmed
  - Range: 1 month-67 years
  - Vaccinated: (8/21) 38%
  - Unknown: (12/21) 57%
  - Not applicable: (1/21) 5%
  - CFR in Lab. Confirmed (1/21) 16%

## **Grand Kru: Trehn District (Situation update as of 14 March -29 May, 2022)**

- 👉 Three (3) new cases reported from Trehn District
- 👉 A total of 18 suspected cases reported
  - Two (2) laboratory confirmed
  - Range 5 months- 16 years
  - Vaccinated: (2/2) 100%

## **Rivercess: (Situation update as of 16 March -29 May, 2022)**

- 👉 No new case reported from Joe River
- 👉 A total 8 suspected cases reported

## **Margibi County: Firestone, Kakata and Mamba Kaba Districts (Situation update as of 28 February-29 May 2022)**

- 👉 Fifty-three (53) new cases reported from Kakata (40) and Firestone (13) Districts
- 👉 A total of 266 suspected cases reported
- 👉 Thirty-seven (37) laboratory confirmed
- 👉 Range: 4 months - 49 years
- 👉 Vaccinated: (26/37) 70%
- 👉 Not vaccinated: (3/37) 8%
- 👉 Unknown: (8/37) 22%

## **Grand Cape Mount County: Commonwealth District (Situation update as of 10 March - 29 May, 2022)**

- 👉 Seven (7) new cases recorded from Garwula (4) and Gola Konneh (3) Districts
- 👉 A total of 50 cases have been reported
- 👉 Nine (9) laboratory confirmed
- 👉 Range 1 months – 67 years
- 👉 Vaccinated: (8/9) 89%
- 👉 Unknown (1/9) 11%

## **Grand Gedeh County: Tchien District (Situation update as of 10 March -29 May, 2022)**

- 👉 Three (3) new cases reported from Tchien (2), and Konobo (1) Districts
- 👉 A total of 60 cases have been reported
  - Nine (9) laboratory confirmed
  - Range 11 months-19 years
  - Vaccinated (6/9) 67%
  - Not vaccinated (1/9) 11%



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- Unknown: (2/9) 22%

## Gbarpolu: Belleh District

- 👉 No new case reported
- 👉 A total of 24 suspected cases recorded
  - One laboratory confirmed
- 👉 Range 4-50 years
- 👉 Unknown Vaccination status

## Sinoe: Gblonee District (Situation update as of 19 May - 29 May, 2022)

- 👉 Fifteen (15) new cases reported from Gblonee District
- 👉 A total of 45 cases have been recorded
  - Three (3) laboratory confirmed
  - Range 5 months - 38 years
  - Vaccination status
  - Vaccinated (1/3) 33%
  - Unknown (2/3) 67%

## Public Health Actions

- 👉 Conducted nation-wide immunization campaign in all 15 counties
- 👉 Active case search and community engagement ongoing in affected communities
- 👉 Case management ongoing
- 👉 Weekly IMS meetings held

## Challenges

- Limited essential medications/ medical supplies for case management

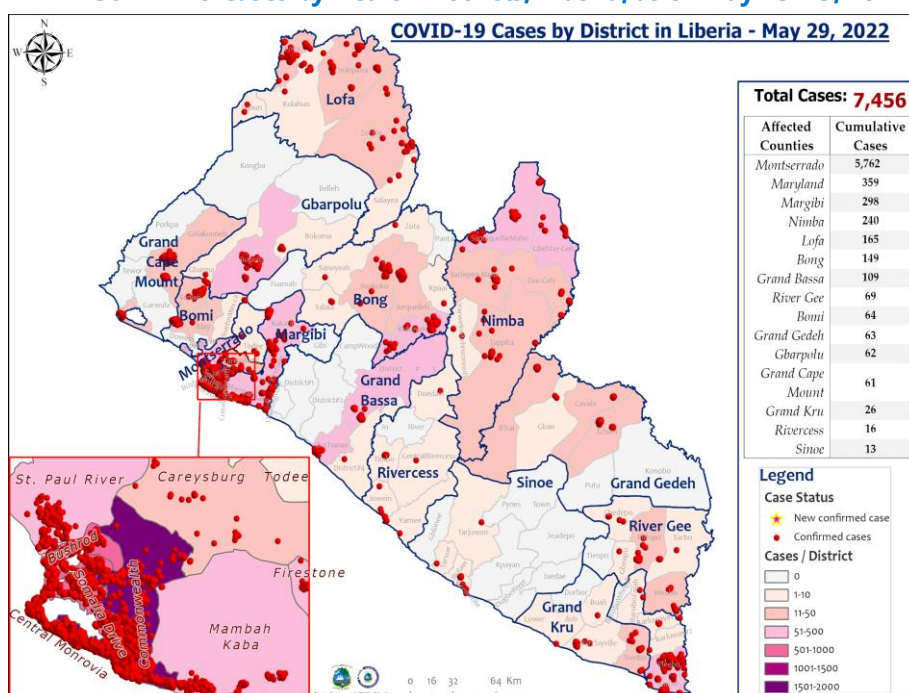
## Influenza-Like Illnesses

### Coronavirus Disease (COVID-19)

### Outbreak

- 👉 Zero confirmed case reported
- 👉 One (1) active case were reported from Montserrado County
- 👉 A total of five hundred ninety-eight (598) confirmed cases have been reported since epi week 1
- 👉 Cumulatively, seven thousand four hundred fifty-six (7,456) confirmed cases recorded including 294 deaths.
  - 412 deaths
  - 601 healthcare workers reported with 17,653 contacts generated

Figure 2: Geographical Distribution of Laboratory Confirmed COVID-19 Cases by Health Districts, Liberia, as of May 23-29, 2022







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## Public Health Actions

- 📁 Weekly IMS coordination meeting
  - On-going.
- 📁 Surveillance activities including active case search and case investigation on-going in affected county using WHO interim guidelines
- 📁 Case management ongoing for confirmed cases
- 📁 Compulsory testing among outgoing travelers as required by country of destination ongoing

## Acute Flaccid Paralysis (AFP)

- Zero case reported
- 📁 Cumulatively, fifty-eight (58) cases have been reported

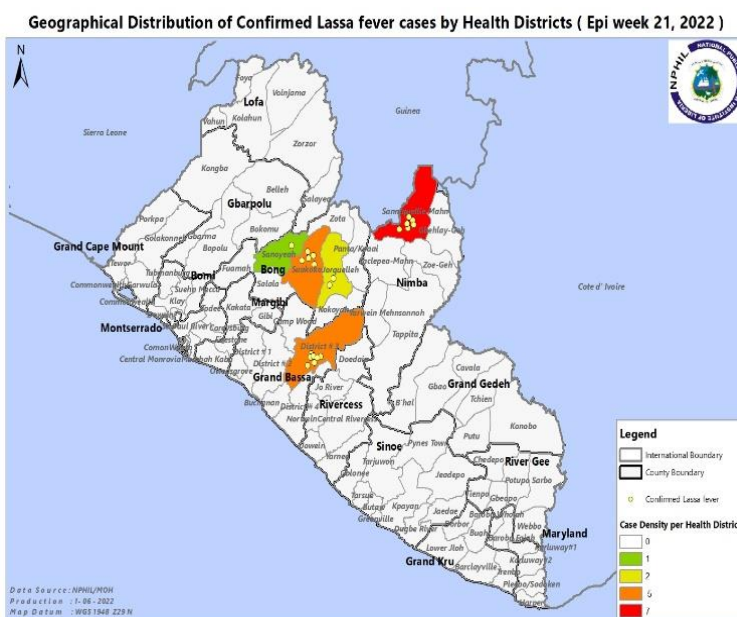
## Neonatal Tetanus

- 📁 One (1) death reported from Montserrado County
- 📁 Cumulatively, twenty-five (25) clinically diagnosed cases reported

## Viral Hemorrhagic Diseases

### Lassa fever

- 📁 Two (2) cases reported from Bong County
- 📁 Specimens collected and tested negative
- 📁 Cumulatively, sixty-seven (67) suspected cases have been reported including 9 deaths
  - Twenty-four (24) confirmed cases recorded including 7 deaths
  - CFR: (7/24) 29%
  - Proportion of suspected cases with sample collected (67/67) 100%
  - Proportion of suspected cases with sample tested (66/67) 99%
    - 1 sample rejected



## Outbreak

### Lassa fever disease: (sitrep update as of May 23-29, 2022)

- No new confirmed case recorded
- Two (2) counties currently in outbreak: Grand Bassa and Bong

### Grand Bassa County:

- Two (2) new suspected cases reported District #3A&B
- One contact under follow-up
- Cumulatively, seven (7) confirmed cases including (1) death (CFR 14%)



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- Cumulative contacts generated twenty-seven (27)
- The twenty-six (26) contacts completed 21 days' follow-up as of May 25, 2022

## 👉 Risk communication interventions

- Ongoing community engagement
- Encourage radio station (Radio Gorgelee) at LAC to air Lassa fever messages and jingles

## 👉 Surveillance

- Active case search ongoing in the affected health district
- Heighten surveillance in all districts
- Daily sitreps shared regularly to national level

## Bong County: Suakoko District

### 👉 No new confirmed case recorded

- A total of eleven (11) contacts including 7 HCWs still under follow up

### 👉 Cumulatively, ten (10) confirmed cases including (2) deaths (CFR 20%)

### 👉 Cumulatively, one hundred thirty-one (131) contacts generated of which 120 completed follow-ups and 11 (4) Jorquelleh & 7 (Suakoko) still under follow-up and have gone 18 days monitoring

### 👉 Risk communication interventions

- Daily health talk in all health facilities on priority diseases
- Airing of LF preventive and control messages

### 👉 Case management

#### Isolation of cases

- Administration of ribavirin

### 👉 Surveillance

- Active case search ongoing in the affected health district
- Heighten surveillance in all districts
- Daily Sitreps shared regularly to national level

## Yellow fever

### 👉 Zero case reported

### 👉 Cumulatively, forty-two (42) suspected cases reported

- Proportion of suspected cases with sample collected (38/42) 90%
- Proportion of suspected cases with sample tested (34/38) 89%

## Diarrheal Diseases

### Acute Bloody Diarrhea (Suspected Shigellosis)

### 👉 Ten (10) suspected cases reported from Grand Gedeh (3), Maryland (2), Margibi (2), River Gee (1), Nimba (1), and Grand Bassa (1) Counties

- Five (5) specimens collected and pending testing

### 👉 Cumulatively, two hundred forty-nine (249) suspected cases reported

- One hundred eleven (111) specimens collected
  - ✓ 1 positive, 84 negative



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## Severe Acute Watery Diarrhea (Suspected Cholera)

- 📁 Two (2) suspected cases reported from River Gee County
  - Specimens collected and pending testing
- 📁 Cumulatively, one hundred seventy-one (171) suspected cases reported
  - 87 specimens collected
    - ✓ 41 tested negative
    - ✓ 4 rejected

## Other Reportable Diseases

### Animal bite (Human Exposure to Rabies)

- 📁 Twenty-two (22) animal bite cases were reported Nimba (7), Margibi (3), Bong (2), Grand Bassa (2), Grand Gedeh (2) Montserrado (2), Gbarpolu (1), Grand Cape Mount (1), Grand Kru (1), and Maryland (1) Counties
  - (2/22) 9% persons received PEP
- 📁 Cumulatively, nine hundred forty (940) animal bite cases reported
  - Dog bites account for 100%
  - 1-4 doses (PEP) administered to about (149/940) 16% of patients

## Public Health Actions

- 📁 Administration of post exposure prophylaxis

### Meningitis

- 📁 Zero case reported
- 📁 Cumulatively, twenty-one (21) suspected cases reported
  - One (1) confirmed

### Monkey pox

- 📁 Zero case reported
- 📁 Cumulatively, seven (7) suspected cases reported, two (2) specimens collected pending shipment

## Events of Public Health Importance

### Maternal Mortality

- 📁 Four (4) deaths reported from Montserrado, Grand Kru, Gbarpolu, and Bong counties
  - Cause of death: Eclampsia, Maternal sepsis due to unsafe abortion, Anemia and Rupture ectopic
  - Three (3) deaths occurred at the health facility and one at community
- 📁 Cumulatively, one hundred forty-one (141) deaths reported
  - Proportion of deaths reviewed (41/141) 29%
  - Proportion of community deaths (16/141) 11%
    - Proportion of community deaths reviewed: (10/16) 63%

### Neonatal Mortality

- 📁 Ten (10) deaths reported from Montserrado (3), Nimba (3), Bong (2), Grand Gedeh (1), and Margibi (1) counties
  - Causes of death: Birth asphyxia (8) and Sepsis (2)
    - Nine (9) deaths occurred at the health facility and one (1) at community
- 📁 Cumulatively, three hundred and seventy-four (374) deaths have been reported
  - Proportion of deaths reviewed (66/374) 19%
  - Proportion of community deaths (10/374) 3%
    - Proportion of deaths reviewed from community (3/10) 30%





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

- 📁 One (1) case reported from Grand Kru County
  - Non- serious measles related
- 📁 Cumulatively: one hundred ninety-nine (199) events reported with (159/199) 80% related to COVID-19
- 📁 Proportion of COVID-19 vaccine
  - J&J vaccine – (128/159) 81%
  - AstraZeneca – (6/159) 4%
  - Pfizer – (25/159) 16%
- 📁 Proportion of other vaccine related events - (40/199) 20%

## Public Health Actions

- 📁 All events were investigated, categorized as *non-serious AEFI and symptomatically treated*
- 📁 Active case search and community engagement ongoing

## Unexplained death

- 📁 Zero case reported

## Border Surveillance Update

**Table2: Border activity at the PoE for Incoming and Outgoing Travelers, Liberia, Epi week 21 2022**

📁 A total of 4,232 travelers recorded for the week with incoming travelers accounting for 48% (2,018/4,232)

Type of Ports	Point of Entry	Weekly total	Arrival	Departure	Yellow Book Issued	Yellow Book Damage	Card Replaced	Travelers Vaccinated	Alerts detected/ Verified	COVID-19 Reactive	Fully vaccinated for COVID-19
Airport	James S. Paynes	76	43	33	0	0	0	0	0	0	5
	Robert Int'l Airport	2642	1269	1373	38	26	0	12	0	0	2620
Seaport	Freeport of Monrovia	120	60	60	0	0	0	0	0	0	60
	Harper	0	0	0	0	0	0	0	0	0	0
	Buchanan Port	108	54	54	0	0	0	0	0	0	54
Land Crossing	Bo Water Side	605	301	304	37	20	0	17	0	0	48
	Ganta	291	107	184	0	0	0	0	0	0	104
	Yekepa	196	89	107	0	0	0	0	0	0	65
	Loguatu	194	95	99	0	0	0	0	0	0	54
	Yeala	0	0	0	0	0	0	0	0	0	0
	Kpazagizzia	0	0	0	0	0	0	0	0	0	0
	Safedu	0	0	0	0	0	0	0	0	0	0
	Konadu	0	0	0	0	0	0	0	0	0	0
	Bolongoidu	0	0	0	0	0	0	0	0	0	0
	Lawalazu	0	0	0	0	0	0	0	0	0	0
	Foya Tengia	0	0	0	0	0	0	0	0	0	0
	Sorlumba	0	0	0	0	0	0	0	0	0	0
	Mendicoma	0	0	0	0	0	0	0	0	0	0
	Worsonga	0	0	0	0	0	0	0	0	0	0
Total travelers		4,232	2,018	2,214	75	46	0	29	0	0	3010

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

## Public Health Measures

### National level

- 📁 Providing technical, logistical, and financial support to counties
  - Publication of situational reports
  - Data harmonization between MSF and NPHIL ongoing



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- Drafted fact sheets on Anthrax, Monkeypox, and Pertussis pending approval for distribution to counties
- Drafted Monkeypox case definition, SOP, FAQ and national outbreak response guideline, and developed case-based forms for monkeypox awaiting stakeholders' inputs for approval
- Piloted the updated RRT training package in Gbarpolu County with support from AFENET
  - Trained seventeen (17) personnel's' under fourteen (14) core-functions

## 👉 Operational Activity

- Continued support for operational activities ongoing

## County level

### 👉 Surveillance

- restrained and monitoring of domestic animal (Dog) and following up with people possibly exposed to rabies
- Publication of situational reports
- Active case search ongoing in affected and surrounding communities

### 👉 Case Management

- Administration of PEP and ribavirin
- Management of measles cases ongoing

# Appendix

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

Counties			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	0	0	58	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Measles	A	1	7	0	12	7	3	0	9	119	3	160	32	2	0	17	372	3846	327
		D	0	0	0	0	0	0	0	0	0	0	6	0	0	0	0	8	41	0
	Neonatal Tetanus	A	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	25	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
	Yellow fever	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	42	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Viral Hemorrhagic Fever	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	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	67	24
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7
Influenza-Like Illnesses	COVID-19	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	598	7456
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	294
Diarrheal Diseases	Acute Bloody Diarrhoea (Shigellosis)	A	0	0	0	1	0	3	0	0	2	2	0	1	0	1	0	10	249	1
		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	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2	171	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Events of Public Health Importance	Maternal Mortality	D	0	1	1	0	0	0	1	0	0	0	1	0	0	0	0	4	141	
	Neonatal Mortality	D	0	2	0	0	0	1	0	0	1	0	3	3	0	0	0	10	374	
	Adverse Events Following Immunization (AEFI)	A	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	199	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	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	Monkeypox	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	0
		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 Rabies)	A	0	2	1	2	1	0	1	0	3	1	2	7	0	0	0	22	940	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	0	0	0	0	0	0	18	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	14	2	15	8	7	3	9	125	6	173	43	2	3	17	432	6788	8109

D = Dead A = Alive

## Notes

- 👉 **Completeness** refers to the proportion of expected weekly IDSR reports received (target:  $\geq 80\%$ )
- 👉 **Timeliness** refers to the proportion of expected weekly IDSR reports received by the next level on time (target:  $\geq 80\%$ ). Time requirement for weekly IDSR reports:
  - Health facility - required on or before 5:00pm every Saturday to the district level
  - Health district - required on or before 5:00pm every Sunday to the county level
  - County - required on or before 5:00pm 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:  $\geq 2/100,000$ )
- 👉 **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 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 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 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

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## National Public Health Institute of Liberia (NPHIL)

### MISSION

To prevent and control public health threats by promoting healthy outcomes and serving as a source of knowledge

### VISION

A center of excellence to create health outcomes for Liberians through a strong preventive health system and expertise

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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.