



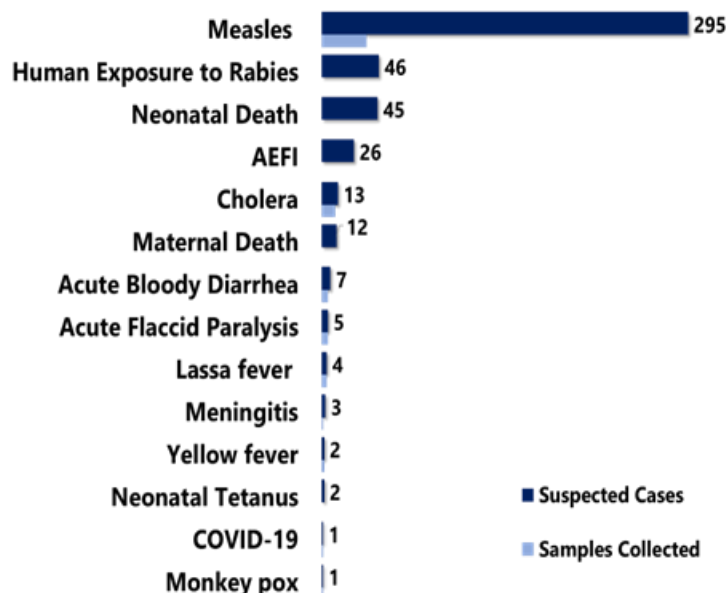
# Liberia IDSR Epidemiology Bulletin

Epi-week 17 (April 25 – May 1, 2022)

Country Population: 5,104,413 | Volume 14 Issue 17 | April 25-May 1, 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 **462** events of public health importance including **62** deaths were reported
- ♦ Completeness and timeliness of health facility reports were both **100%**
- ♦ **Ongoing Lassa fever** outbreak in one county
- ♦ **Ongoing Measles** outbreak in thirteen counties
- ♦ **One new confirmed Covid-19 case** reported

\*Adverse Events Following Immunization /Adverse Drug Reaction

## Reporting Coverage

**Table 1: Health Facility Weekly DSR Reporting Coverage, Liberia, Epi Week 17, 2022**

County	Expected from HF*	Reports	Reports Received	Received on Time	Completeness (%)	Timeliness (%)
Bomi	25		25	25	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	2	100	100
Sinoe	37		37	37	100	100
<b>Liberia</b>	<b>855</b>		<b>855</b>	<b>855</b>	<b>100</b>	<b>100</b>

**855(100%)**  
Health facilities reported IDSR data

**93 (100%)**  
Health districts reported IDSR data

**855 (100%)**  
Health facilities reported timely IDSR data

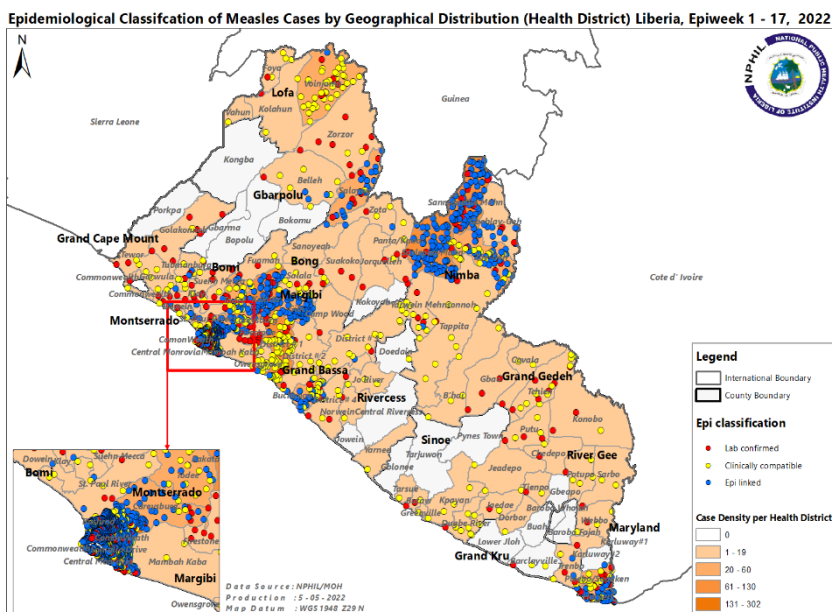
- ♦ The national target for weekly IDSR reporting is 80%. Health facility timeliness is monitored at health district level
- ♦ All counties submitted weekly IDSR reports to the national level on times.

Legend: ≥80 <80

## Vaccine Preventable Diseases

### Measles

- 👉 Two hundred ninety-five (295) suspected cases were reported Montserrado (175), Nimba (33), Grand Bassa (32), Margibi (13), Grand Gedeh (6), Lofa (6), Sinoe (6), Bong (5), Gbarpolu (5), Bomi (5), Maryland (5), River Gee (2), Grand Kru (2) counties
- 👉 Thirty-six (36) specimens collected, 13 tested; 7 positive and 6 negatives
- 👉 Vaccination status among suspected cases
  - Vaccinated: 127 (43%)
  - Not vaccinated: 136 (46%)
  - Unknown: 32 (11%)
- 👉 Age distribution among suspected cases
  - < 5 years: 186 (63%)
  - ≥ 5 years: 109 (37%)
- 👉 Cumulatively, two thousand four hundred forty-two (2,442) suspected cases have been reported including 25 deaths
  - Confirmed: 2,181 (89%)
    - ✓ Laboratory confirmed: 283
    - ✓ Clinically compatible: 487
    - ✓ Epidemiologically linked: 1,411
  - Non-measles discarded: 261
  - Proportion of samples collected: 28% (679/2,442)
  - Proportion of samples tested: 80% (544/679)



## Outbreak

### Measles: (Situation update as of the 13th December 2021-May 1, 2022)

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

- 👉 One hundred seventy-five (175) new suspected cases including 5 deaths reported for the week
  - Bushrod (98), Somalia Drive (31), Commonwealth (19), Todee (10), Central Monrovia (10), St. Paul (5) and Careysburg (2)
- 👉 A total of 1,324 suspected cases line listed up to date
  - 104 lab confirmed
  - Range 2 months -48 years
  - Death: 19
  - CFR in lab confirmed 2% (2/104)

#### Vaccination status among lab confirmed:

- Vaccinated by record- 41% (46/104)
- Not vaccinated – 39% (41/104)
- Unknown - 16% (17/104)



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

- 👉 Two (2) new suspected cases reported from Zota District for this week
- 👉 A total of 104 suspected cases have been recorded including two (2) deaths
  - Ten (10) laboratory confirmed
  - Range 9 months- 35 years
  - Vaccinated: 1 (10%)
  - Not vaccinated: 4 (40%)
  - Unknown: 5 (50%)

## Lofa County: Voinjama, Zorzor and Salayea districts

- 👉 Six (6) new suspected cases reported from Voinjama (5) and Zorzor (1) Districts
- 👉 A total of one hundred-sixteen (116) suspected cases have been recorded
  - Eighteen (18) laboratory confirmed
  - Vaccinated: 78% (14/18)
  - Unknown: 17% (3/18)
  - Not applicable: 6% (1/18)
  - Range 1 month-67 years

## Nimba County: Saclepea-Mah, Sanniquellie-Mah, Gbeshay Geh, Yarwin Mehnsonnoh and Zoe-Geh Districts

- 👉 Thirty (30) new suspected cases reported from Saclepea-Mah (11), Sanniquellie-Mah (9), Yarwin Mehnsonnoh (4), Gbeshay-Geh (3) and Zoe-Geh (3) Districts
- 👉 A total two hundred seventy-three (273) cases line listed
  - Twenty-nine (29) laboratories confirmed
  - Vaccinated: 41% (12/29)
  - Not vaccinated: 34% (10/29)
  - Unknown: 24% (7/29)
  - Range 2 months- 45years

## Maryland County: Harper and Pleebo Districts

- 👉 Five (5) new case reported from Harper District
- 👉 A total of 79 suspected cases have been recorded
  - Seventeen (17) laboratory confirmed
  - Vaccinated: 6% (1/17)
  - Non vaccinated: 11% (2/17)
  - Unknown: 82% (14/17)
  - Range 2 months-48 years

## Grand Bassa County: District # 1, district # 2 and Buchanan Districts

- 👉 Twenty-six (26) new cases reported from Buchanan (20) and District #1 (6)
- 👉 A total of 148 cases including one death have been recorded
- 👉 Fifteen (15) laboratory confirmed
  - Vaccinated: 47% (7/15)
  - Not vaccinated: 40% (6/15)
  - Unknown: 13% (2/15)
  - Range 1 month-61 years
  - CFR in laboratory confirmed 0.6% (1/148)



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## Bomi County: Suehn Mecca, Senjeh, Dowein and Klay Districts (Situation update as of 7 March- 1 May, 2022)

- 👉 Five (5) new cases recorded from Dowein (4), and Senjeh (1) Districts
- 👉 A total of 51 cases have been recorded including 3 deaths
  - Nineteen (19) laboratory confirmed
  - Vaccinated: 42% (8/19)
  - Unknown: 52% (10/19)
  - Not applicable: 5% (1/19)
  - Range: 1 month-35 years
  - CFR in Lab. Confirmed 16% (3/19)

## Grand Kru: Trehn District (Situation update as of 14 March -1 May, 2022)

- 👉 Two (2) new cases reported
- 👉 A total of 17 suspected cases reported
  - Two (2) laboratory confirmed
  - Vaccinated: 100% (2/2)
  - Range 5 months- 16 years

## Rivercess: (Situation update as of 16 March -1 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 -1 May, 2022)

- 👉 Thirteen (13) new cases reported from Kakata (10), and Firestone (3) Districts
- 👉 A total of 148 suspected cases reported
  - Twenty-four (24) laboratory confirmed
  - Vaccinated: 79% (19/24)
  - Not vaccinated: 8% (2/24)
  - Unknown: 13% (3/24)
  - Range: 2 months - 49 years

## Grand Cape Mount County: Gola Konneh (Situation update as of 10 March - 1 May, 2022)

- 👉 No new case recorded
- 👉 A total of 29 cases have been reported
  - Nine (9) laboratory confirmed
  - Range 5 months – 22 years
  - Vaccinated: 88% (7/8)

## Grand Gedeh County: Putu, Tchien and Konobo Districts (Situation update as of 10 March -1 May, 2022)

- 👉 Six (6) new cases reported from Tchien (5), and Putu (1) Districts
- 👉 A total of 45 cases have been reported
  - Ten (10) laboratory confirmed
  - Vaccinated 70% (7/10)
  - Unknown: 30% (3/10)
  - Range 9 months-33 years
  - Vaccinated: 100% (6/6)



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## Gbarpolu: Belleh District

- 👉 No new case reported
- 👉 A total of 8 suspected cases recorded
  - One laboratory confirmed
- 👉 Range 4-50 years
- 👉 Unknown Vaccination status

## Public Health Actions

- 👉 MSF support in collaboration with MOH and NPHIL
  - Trained and deployed 12 CHVs in Somalia Drive District to enhance active case search for 1 month
  - Supplied essential drugs for case management to 3 health facilities (Chocolate City Clinic, Bardnersville Health Center and Gardnersville Community Clinic)
- 👉 Lofa conducted mini campaign and vaccinated 2,028 children in two districts (Vojama-793 and Salayea-235) with age ranging from 6-59 months
- 👉 Case investigation, active case search and line listing ongoing
- 👉 Case management ongoing

## Challenges

- Lacked of essential medications such as; Amoxicillin, Erythromycin, Vitamin A and Calamine Lotion Cream for case management (Grand Kru and Gbarpolu) counties
- Stock out of measles vaccines and vitamin A, in some counties (Bong and Margibi Counties)
- Limited specimen collection kits (Margibi County)
- Limited medical supplies for case management

## Influenza-Like Illnesses

### Coronavirus Disease (COVID-19)

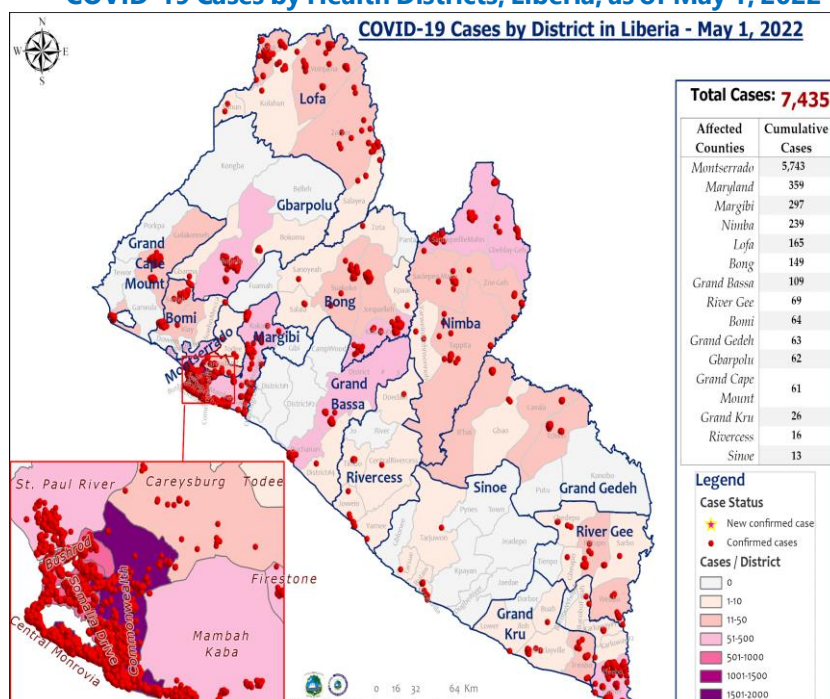
### Outbreak

- 👉 One (1) new case was 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 thirty-four (7,435) confirmed cases recorded including 294 deaths 601 healthcare workers reported with 17,653 contacts generated

## Public Health Actions

- 👉 Weekly IMS coordination meeting
- On-going.

**Figure 2: Geographical Distribution of Laboratory Confirmed COVID-19 Cases by Health Districts, Liberia, as of May 1, 2022**







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- 👉 Surveillance activities including active case search, contact tracing and case investigation on-going in affected counties using WHO interim guidelines
- 👉 Reinforcing hand washing in all public areas (markets, health facilities, public offices, checkpoints etc.)
- 👉 Case management ongoing for confirmed cases
- 👉 Compulsory testing among outgoing and incoming travelers ongoing

## Acute Flaccid Paralysis (AFP)

- 👉 Five (5) cases reported from Montserrado (2), Nimba (1), Grand Bassa (1), and Bomi (1)
- 👉 Specimens collected, shipped and pending testing
- 👉 Cumulatively, forty-five (45) cases have been reported

## Neonatal Tetanus

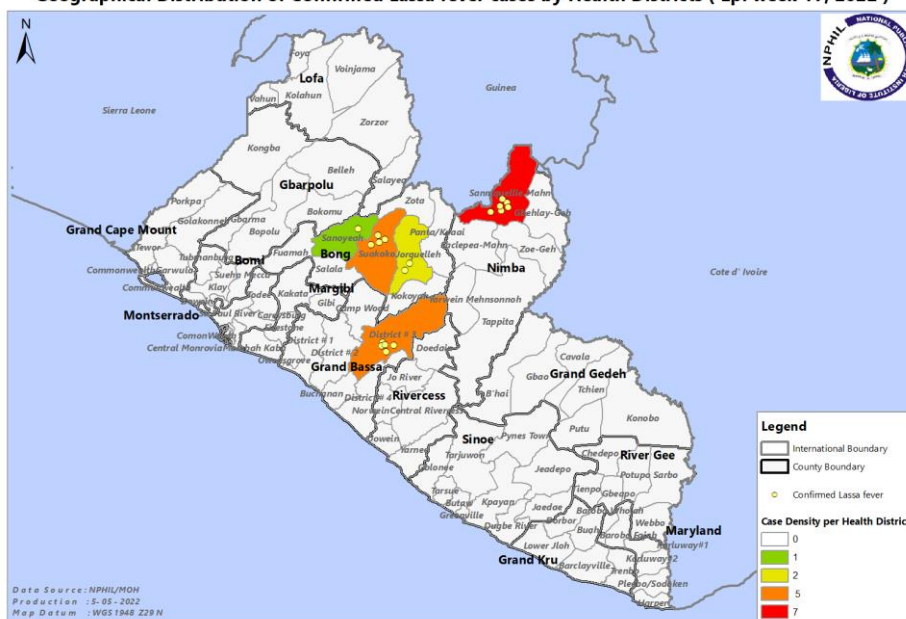
- 👉 Two (2) cases reported from Montserrado and Grand Kru Counties
- 👉 Cumulatively, twenty-one (21) clinically diagnosed cases reported

## Viral Hemorrhagic Diseases

### Lassa fever

- 👉 Four (4) new cases reported from Bong (3), and Grand Bassa (1) Counties
- 👉 Specimens were collected, 2 tested negative, 2 pending testing
- 👉 Cumulatively, fifty-seven (57) suspected cases have been reported including 9 deaths
  - Twenty-one (21) confirmed cases recorded including 7 deaths
  - CFR 33%
  - Proportion of suspected cases with sample collected 100% (57/57)
  - Proportion of suspected cases with sample tested 96% (55/57)

Geographical Distribution of Confirmed Lassa fever cases by Health Districts ( Epi week 17, 2022 )



## Outbreak

### Lassa fever disease: (sitrep update as of April 25-May 1, 2022)

One (1) county currently in outbreak: Bong  
Two (2) counties completed countdown: Grand Bassa and Nimba

### Bong County: Suakoko District

- 👉 No new confirmed case reported
- 👉 Eight (8) new contacts line listed
- 👉 Cumulatively, nine cases confirmed with CFR 22% (n=2/9)



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- 📁 Cumulatively, 120 contacts including 70 HCWs have been line listed
  - 8 contacts including 6 HCWs under 21-day of follow up

## Public Health Actions

- 📁 Health educational 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

- 📁 Two (2) suspected cases reported from Grand Gedeh and Rivercess Counties
- 📁 Specimens collected and pending testing
- 📁 Cumulatively, thirty-six (36) suspected cases reported
  - Proportion of suspected cases with sample collected 92% (33/36)
  - Proportion of suspected cases with sample tested 88% (29/33)

## Diarrheal Diseases

### Acute Bloody Diarrhea (Suspected Shigellosis)

- 📁 Seven (7) suspected cases were reported from Rivercess (2), Nimba (1), Grand Bassa (1), Gbarpolu (1), Grand Kru (1), and Grand Gedeh (1) Counties
  - Five (5) specimens were collected and pending testing
- 📁 Cumulatively, two hundred twenty-eight (227) suspected cases reported
  - One hundred twenty-eight (128) specimens collected
    - ✓ 79 negative, 1 positive

### Severe Acute Watery Diarrhea (Suspected Cholera)

- 📁 Thirteen (13) suspected cases reported from Nimba (4), Bong (3), Bomi (2), Maryland (2), Sinoe (1), Rivercess (1) Counties
- 📁 Eight (8) specimens collected, 2 tested negative
- 📁 Cumulatively, one hundred fifty-one (151) suspected cases reported
  - 79 specimens collected
    - ✓ 36 tested negatives
    - ✓ 3 rejected

## Other Reportable Diseases

### Animal bite (Human Exposure to Rabies)

- 📁 Forty-six (46) animal bite cases reported Maryland (8), Nimba (7), Margibi (6), Lofa (6), Rivercess (5), Montserrado (4), Grand Kru (4), Bong (3), Bomi (1), Gbarpolu (1) and Sinoe (1) counties
  - 20% (9/46) persons received PEP
- 📁 Cumulatively, eight hundred seventeen (817) animal bite cases reported
  - Dog bites account for 100%



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- 1-4 doses (PEP) administered to about 16% (132/817) of patients

## Public Health Actions

- 👉 Administration of post exposure prophylaxis

### Meningitis

- 👉 Three (3) cases reported from Nimba County including one (1) death
- 👉 One specimen collected and pending testing
- 👉 Cumulatively, nineteen (19) suspected cases reported
  - One (1) confirmed

### Monkeypox

- 👉 One (1) suspected case reported from Gbarpolu County
- 👉 No specimen collected
- 👉 Cumulatively, five (5) suspected cases reported, two (2) specimen collected pending shipment

## Events of Public Health Importance

### Maternal Mortality

- 👉 Thirteen (13) deaths reported from Montserrado (7), Grand Cape Mount (2), Bong (1), Lofa (1), Nimba (1) and River Gee (1) counties
  - Cause of death: post-partum hemorrhage (7), eclampsia (3), disseminated intravascular coagulation (1), amniotic fluid embolism (1) and sepsis (1)
  - All deaths occurred at the health facility
- 👉 Cumulatively, one hundred fifteen (115) deaths reported
  - Proportion of deaths reviewed 36% (41/115)
  - Proportion of community deaths 12% (14/115)
    - Proportion of community deaths reviewed: 71% (10/14)

### Neonatal Mortality

- 👉 Forty-four (44) deaths reported from Montserrado (31), Bong (5), Nimba (3), Rivercess (1), Bomi (1), Lofa (1), Margibi (1) and Grand Bassa (1) Counties
- 👉 Twenty-eight of these deaths are backlog deaths from previous week.
  - Causes of death: Birth asphyxia (24) and Sepsis (11), bowel obstruction (1), preterm (1), gastroschisis (1), acute bilirubin encephalitis (1), necrotizing enterocolitis (1) and pending review (4)
  - All deaths occurred at the health facility
- 👉 Cumulatively, two hundred ninety-eight (298) deaths have been reported
  - Proportion of deaths reviewed 22% (66/298)
  - Proportion of community deaths 3% (8/298)
    - Proportion of deaths reviewed from community 38% (3/8)

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

- 👉 Twenty-six (26) cases reported from Grand Kru (13), River Gee (4), Nimba (4), Sinoe (2), Rivercess (1), Bomi (1), and Maryland (1) Counties
  - All cases were COVID-19 vaccine: related
- 👉 Cumulatively: one hundred fifty-eight (158) events reported with 91% (143/158) related to COVID-19
- 👉 Proportion of COVID-19 vaccine
  - J&J vaccine – 85% (122/143)
  - AstraZeneca – 4% (6/143)





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- Pfizer – 10% (15/143)

📁 Proportion of other vaccine related events -9% (15/158)

## 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 17 2022**

📁 A total of 7,584 travelers recorded for the week with incoming travelers accounting for 45% (3,395/7,584)

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	65	39	26	0	0	0	0	0	0	13
	Robert Int'l Airport	3556	1359	2197	12	8	0	4	0	0	3494
Seaport	Freeport of Monrovia	74	37	37	0	0	0	0	0	0	37
	Harper	0	0	0	0	0	0	0	0	0	0
	Buchanan Port	94	47	47	0	0	0	0	0	0	47
Land Crossing	Bo Water Side	614	305	309	6	0	0	6	0	0	0
	Ganta	0	0	0	0	0	0	0	0	0	0
	Yekepa	0	0	0	0	0	0	0	0	0	0
	Loguatu	0	0	0	0	0	0	0	0	0	0
	Yeala	285	105	180	0	0	0	0	0	0	0
	Kpazagizzia	273	133	140	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	628	290	338	0	0	0	0	0	0	0
	Sorlumba	790	350	440	0	0	0	0	0	0	0
	Mendicoma	770	520	250	0	0	0	0	0	0	0
	Worsonga	435	210	225	0	0	0	0	0	0	0
Total travelers		7,584	3,395	4,189	18	8	0	10	0	0	3591

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
- 3<sup>rd</sup> edition IDSR training conducted in Gbarpolu County for 43 participants from 16 health facilities
- Management of all cases as per disease ongoing
- Ensure the appropriate medical protocol in place



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## 👉 Operational Activity

- Continued support for operational activities ongoing

## County level

### 👉 Surveillance

- Quarantine and monitoring of domestic animal (Dog) and cases 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 all cases as per disease ongoing
- Ensure the appropriate medical protocol in place
- Isolation of cases

# 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	1	0	0	1	0	0	0	0	0	0	2	1	0	0	0	5	45	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Measles	A	5	5	5	32	0	6	2	6	13	5	175	33	0	2	6	295	2442	283
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0
	Neonatal Tetanus	A	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	2	21	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	1	0	0	0	0	0	0	1	0	0	2	36	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	3	0	1	0	0	0	0	0	0	0	0	0	0	0	4	57	21
		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	1	0	0	0	0	1	598	7435
		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	1	1	0	1	1	0	0	0	0	1	2	0	0	7	227	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	2	3	0	0	0	0	0	0	0	2	0	4	1	0	1	13	151	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	0	0	0	2	0	1	0	0	7	1	0	1	0	13	155	
	Neonatal Mortality	D	1	5	0	1	0	0	0	1	1	0	31	3	1	0	0	44	298	
	Adverse Events Following Immunization (AEFI)	A	1	0	0	0	0	0	13	0	0	1	0	4	1	4	2	26	158	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	1	0	0	0	0	0	0	0	0	0	0	0	0	1	5	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	1	3	1	0	0	0	4	6	6	8	4	7	5	0	1	46	817	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	2	0	0	0	2	18	0
		D	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	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			11	20	8	36	0	10	21	14	20	16	221	57	11	7	10	462	5044	8041

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.