



# Liberia IDSR Epidemiology Bulletin

Epi-week 20 (May 16-22, 2022)

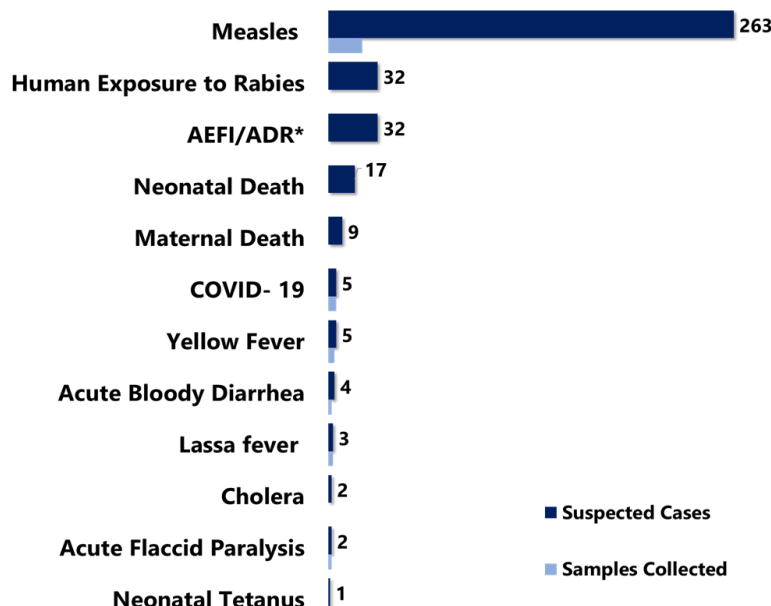
Country Population: 5,104,413 | Volume 14 Issue 20 | May 16-22, 2022

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 **375** events of public health importance including **29** deaths were reported
- ◆ Completeness and timeliness of health facility reports were both **96%**
- ◆ **Ongoing Lassa fever** outbreak in two counties
- ◆ **Ongoing Measles** outbreak in fourteen counties
- ◆ **Five active cases 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 20, 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	30	30	54	54
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>830</b>	<b>830</b>	<b>96</b>	<b>96</b>

**830(96%)**  
Health facilities reported IDSR data

**92 (99%)**  
Health districts reported IDSR data

**830 (96%)**  
Health facilities reported timely IDSR data

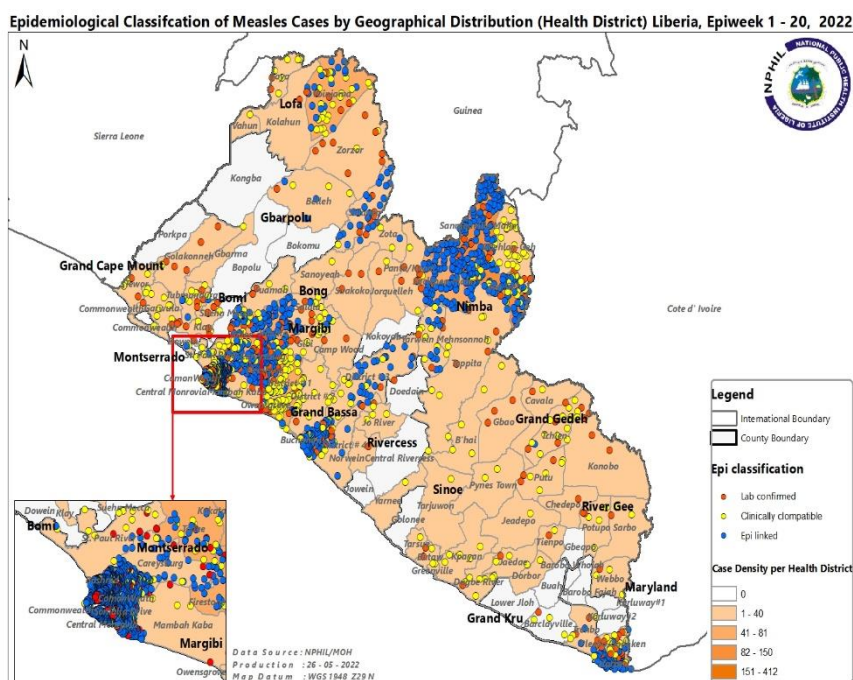
- ◆ The national target for weekly IDSR reporting is 80%. Health facility timeliness is monitored at health district level
- ◆ All counties submitted weekly IDSR reports to the national level on times.

Legend: ≥80 <80

## Vaccine Preventable Diseases

### Measles

- 👉 Two hundred six-three (263) suspected cases were reported Montserrado (117 including 2 deaths), Nimba (35), Sinoe (30), Bong (15), Margibi (14), Grand Bassa (13), Grand Cape Mount (12), Lofa (10), Maryland (7), Grand Gedeh (6), Grand Kru (3) and Bomi (1) counties
- 👉 Twenty-two (22) specimens were collected and pending testing
- 👉 Vaccination status among suspected cases
  - Vaccinated: 51% (135)
  - Not vaccinated: 34% (89)
  - Unknown: 15% (39)
- 👉 Age distribution among suspected cases
  - < 5 years: 37% (96)
  - ≥ 5 years: 63% (167)
- 👉 Cumulatively, three thousand four hundred fifty-six (3,456) suspected cases have been reported including 35 deaths
  - Confirmed: 3,126 (90%)
    - ✓ Laboratory confirmed: 312
    - ✓ Clinically compatible: 516
    - ✓ Epidemiologically linked: 2,298
  - Non-measles discarded: 330
  - Proportion of samples collected: 19% (664/3,456)
  - Proportion of samples tested: 94% (625/664)



## Outbreak

### Measles: (Situation update as of the 13th December 2021-May 8, 2022)

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

- 👉 One hundred twelve (112) new suspected cases including 2 deaths reported for the week
  - Bushrod (42), Commonwealth (21), Somalia Drive (18), Central Monrovia (16), St. Paul (9), Careysburg (4), and Todee (2)
  - A total of 1,861 cases line listed up to date
  - 108 lab confirmed
  - Age range 2 months-48 years
  - Death: 27
  - Death in lab confirmed: 2
  - CFR 1.5% (27/1,861)

#### Vaccination status among lab confirmed:

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



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

- 👉 Eleven (11) new suspected cases reported from Jorquelleh (6), Salala (4), and Suakoko (1) Districts
- 👉 A total of 125 cases have been recorded including two (2) deaths
  - Eleven (11) laboratory confirmed
  - Age range 4 months- 36 years
  - Vaccinated: 1 (10%)
  - Not vaccinated: 40% (4)
  - Unknown: 50% (5)

## Lofa County: Voinjama and Salala District

- 👉 Nine (9) new cases reported from Voinjama (7) and Zorzor (2) Districts
- 👉 A total of one hundred forty-eight (148) suspected cases have been recorded
  - Twenty (20) laboratory confirmed
- 👉 Age range 2 month-67 years
- 👉 Vaccinated: 82% (18/22)
- 👉 Unknown: 15% (3/22)
- 👉 Not applicable: 5% (1/22)

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

- 👉 Thirty-five (35) new cases reported from Sanniquellie-Mah (16), Sacleapea-Mah (8), Gbehlay-Geh (4), Tappita (3), Yarwin Mehnsonnoh (2), and Zoe-Geh (2) Districts
  - A total of four hundred twenty-seven (427) cases line listed
  - Thirty-two (32) laboratory confirmed
  - Range 2 months- 48years
  - Vaccinated: 41% (12/29)
  - Not vaccinated: 34% (10/29)
  - Unknown: 24% (7/29)

## Maryland County: Harper District

- Seven (7) new cases reported from Harper District
- A total of 97 cases have been recorded
- Seventeen (17) laboratory confirmed
- Range 7 months-48 years
- Vaccinated: 6% (1/17)
- Not vaccinated: 11% (2/17)
- Unknown: 82% (14/17)

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

- 👉 Twelve (12) new cases reported from Buchanan (10), Owens grove (1) and District #4 (1)
- 👉 A total of 254 cases including one death have been recorded
- 👉 Twenty (20) laboratory confirmed
  - Range 1 month-61 years
  - Vaccinated: 45% (9/20)
  - Not vaccinated: 40% (8/20)
  - Unknown: 15% (2/20)
  - CFR 0.4% (1/236)



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## **Bomi County: Suehn Mecca, Senjeh, Dowein and Klay Districts (Situation update as of 7 March- 22 May, 2022)**

- 👉 Two (2) new cases recorded from Klay (1), and Dowein (1) Districts
- 👉 A total of 59 cases have been recorded including 3 deaths
  - Nineteen (19) laboratory confirmed
  - Range: 1 month-67 years
  - Vaccinated: 42% (8/19)
  - Unknown: 52% (10/19)
  - Not applicable: 5% (1/19)
  - CFR in Lab. Confirmed 16% (3/19)

## **Grand Kru: Trehn District (Situation update as of 14 March -22 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: 100% (2/2)

## **Rivercess: (Situation update as of 16 March -22 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-22 May 2022)**

- 👉 Nineteen (19) new cases reported from Mamba Kaba (10), Gibi (4), Kakata (3), and Firestone (2) Districts
- 👉 A total of 213 suspected cases reported
- 👉 Thirty-seven (37) laboratory confirmed
- 👉 Range: 1 months - 67 years
- 👉 Vaccinated: 75% (21/28)
- 👉 Not vaccinated: 7% (2/28)
- 👉 Unknown: 14% (4/28)

## **Grand Cape Mount County: Commonwealth District (Situation update as of 10 March - 22 May, 2022)**

- 👉 Twelve (12) new cases recorded from Gola Konneh (9), Garwula (2), and Tewor (1) Districts
- 👉 A total of 43 cases have been reported
- 👉 Nine (9) laboratory confirmed
- 👉 Range 5 months – 23 years
- 👉 Vaccinated: 88% (7/8)

## **Grand Gedeh County: Tchien District (Situation update as of 10 March -22 May, 2022)**

- 👉 Six (6) new cases reported from Tchien (5), and Konobo (1) Districts
- 👉 A total of 57 cases have been reported
  - Nine (9) laboratory confirmed
  - Range 11 months-19 years
  - Vaccinated 70% (7/9)
  - Unknown: 30% (3/9)
  - Vaccinated: 100% (6/6)

## **Gbarpolu: Belleh District**

- 👉 No new case reported
- 👉 A total of 24 suspected cases recorded
  - One laboratory confirmed



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👉 Range 4-50 years

👉 Unknown Vaccination status

## Sinoe: Gblonee District (Situation update as of 19 May - 22 May, 2022)

👉 Thirty (30) new cases reported from Gblonee District

- One laboratory confirmed
- Range 5 months - 11 years
- Vaccination status
- Unknown

## Public Health Actions

- 👉 Fourteen out of 15 counties have completed the nation-wide measles campaign
- 👉 Active case search and community engagement ongoing in affected communities
- 👉 Case management ongoing

## Challenges

- Limited essential medications/ medical supplies for case management

## Influenza-Like Illnesses

### Coronavirus Disease (COVID-19)

### Outbreak

👉 Zero confirmed case reported

👉 Five (5) active cases 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 601 healthcare workers reported with 17,653 contacts generated

## Public Health Actions

👉 Weekly IMS coordination meeting On-going.

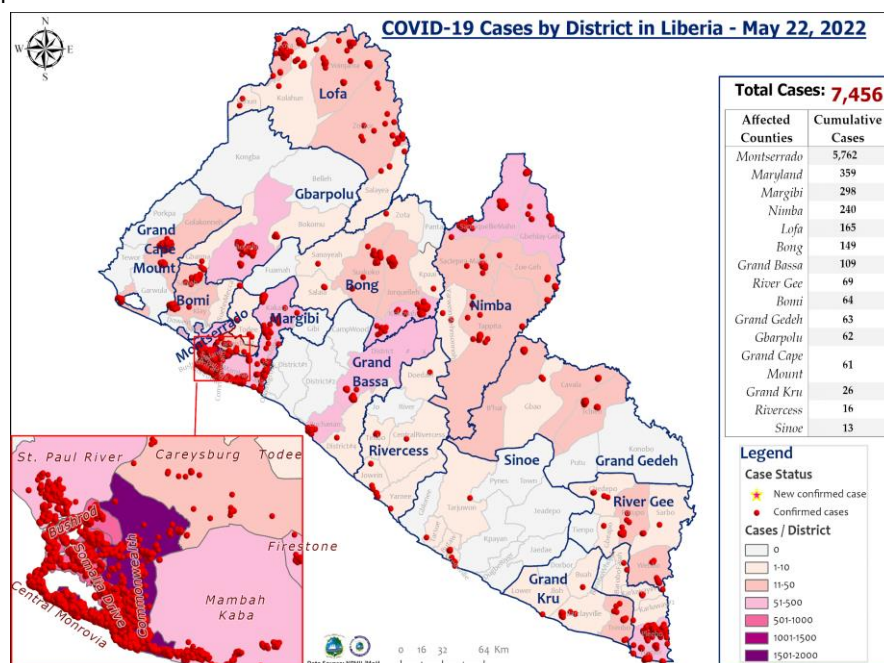
👉 Surveillance activities including active case search, contact tracing and case investigation on-going in affected counties using WHO interim guidelines

👉 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

**Figure 2: Geographical Distribution of Laboratory Confirmed COVID-19 Cases by Health Districts, Liberia, as of May 16-22, 2022**



## Acute Flaccid Paralysis (AFP)

👉 Two (2) cases were reported from Nimba and Grand Cape Mount Counties





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- Specimens were collected and shipped out of country
- 👉 Cumulatively, fifty-seven (57) cases have been reported

## Neonatal Tetanus

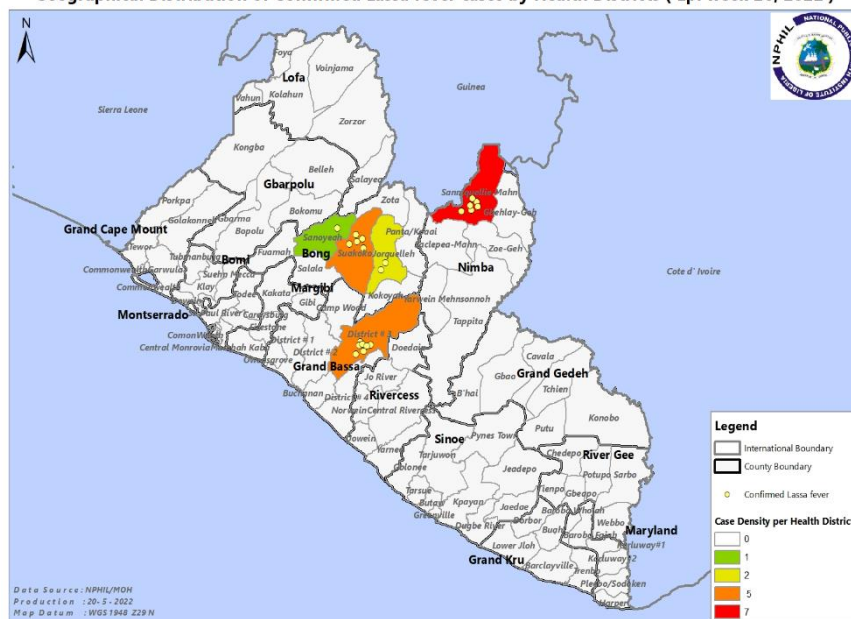
- 👉 One (1) death reported from Bong County
- 👉 Cumulatively, twenty-four (24) clinically diagnosed cases reported

## Viral Hemorrhagic Diseases

### Lassa fever

- 👉 Three (3) cases reported from Grand Bassa (2), and Grand Kru (1), Counties
- 👉 Specimens were collected and two tested; 1 positive, 1 negative and 1 pending
- 👉 Cumulatively, sixty-five (65) suspected cases have been reported including 9 deaths
  - Twenty-four (24) confirmed cases recorded including 7 deaths
  - CFR: 29% (7/24)
  - Proportion of suspected cases with sample collected 100% (65/65)
  - Proportion of suspected cases with sample tested 97% (63/65)
    - 1 sample rejected

Geographical Distribution of Confirmed Lassa fever cases by Health Districts ( Epi week 20, 2022 )



## Outbreak

### Lassa fever disease: (sitrep update as of May 2-22, 2022)

- One (1) new confirmed case recorded from Grand Bassa county
- Two (2) counties currently in outbreak: Grand Bassa and Bong

### Grand Bassa County:

- The case is 17 years old female from Own-Your Own community, Compound #3, LAC Plantation, District #3 A&B
- Date of onset of symptom was May 9, 2022.
- Case was seen at LAC Hospital on May 17, 2022
- Specimen was collected on May 17, 2022 and sent to the National Public Health Reference Laboratory on the same day
- On May 19, 2022 a positive lab result was released by the National Public Health Reference Laboratory
- No contacts generated
- Cumulatively, seven (7) confirmed cases including (1) death (CFR 14%)
- Cumulative contacts generated two (2)



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- The two (2) contacts completed 21 days' follow-up today (May 25, 2022)

## 📁 Risk communication interventions

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

## 📁 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

## Bong County: Suakoko District

### 📁 No new confirmed case recorded

- The case is 21 years old female from Phebe Airstrip community, Suakoko District
- Date of symptom onset was May 10, 2022.
- Case was admitted at Phebe hospital on May 14, 2022 and specimen was collected May 14, 2022 and sent to the National Public Health Reference Laboratory on May 15, 2022.
- Ribavirin treatment was initiated May 15, 2022
- On May 17, 2022 a positive lab result was released by the National Public Health Reference Laboratory
- A total of eleven (11) contacts including 7 HCWs generated and 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 under follow-up

## 📁 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



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## Yellow fever

- 📁 Five (5) suspected case was reported from Grand Kru (2), Grand Cape Mount (1), River Gee (1), and Rivercess (1) Counties
  - Four specimens were collected and pending testing
- 📁 Cumulatively, forty-two (42) suspected cases reported
  - Proportion of suspected cases with sample collected 90% (38/42)
  - Proportion of suspected cases with sample tested 84% (32/38)

## Diarrheal Diseases

### Acute Bloody Diarrhea (Suspected Shigellosis)

- 📁 Four (4) suspected cases were reported from Maryland, Gbarpolu, Nimba and Montserrado Counties
  - Two (2) specimens were collected and pending testing
- 📁 Cumulatively, two hundred thirty-nine (239) suspected cases reported
  - One hundred-six (106) specimens collected
    - ✓ 1 positive, 83 negative

### Severe Acute Watery Diarrhea (Suspected Cholera)

- 📁 Two (2) suspected cases reported from Nimba County
  - No specimen was collected
- 📁 Cumulatively, one hundred sixty-nine (169) suspected cases reported
  - 85 specimens collected
    - ✓ 41 tested negative
    - ✓ 4 rejected

## Other Reportable Diseases

### Animal bite (Human Exposure to Rabies)

- 📁 Thirty-two (32) animal bite cases were reported Nimba (9), Montserrado (6), Bong (4), Grand Bassa (3), Bomi (3), Rivercess (2), Margibi (1), Lofa (1), Grand Kru (1), Maryland (1), and Grand Gedeh (1) Counties
  - 25% (8/32) persons received
- 📁 Cumulatively, nine hundred sixteen (916) animal bite cases reported
  - Dog bites account for 100%
  - 1-4 doses (PEP) administered to about 16% (147/916) 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





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## Events of Public Health Importance

### Maternal Mortality

- 👉 Nine (9) deaths reported from Montserrado (5), Margibi (1), Nimba (1), Lofa (1), and Bong (1) counties
  - Cause of death: post-partum hemorrhage (3), Sepsis (1) and five pending reviews
  - All deaths occurred at the health facility
- 👉 Cumulatively, one hundred thirty-six (136) deaths reported
  - Proportion of deaths reviewed 30% (41/136)
  - Proportion of community deaths 11% (15/136)
    - Proportion of community deaths reviewed: 67% (10/15)

### Neonatal Mortality

- 👉 Seventeen (17) deaths reported from Montserrado (7), Bong (6), Grand Kru (2), Margibi (1), and Lofa (1) counties
  - Causes of death: Birth asphyxia (14), Preterm (1), Neonatal tetanus (1), and Sepsis (1)
    - All deaths occurred at the health facility
- 👉 Cumulatively, three hundred and forty-four (344) deaths have been reported
  - Proportion of deaths reviewed 19% (66/344)
  - Proportion of community deaths 3% (9/344)
    - Proportion of deaths reviewed from community 33% (3/9)

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

- 👉 Thirty-two (32) cases reported from Grand Gedeh (11), Grand Kru (9), Sinoe (8), Rivercess (3), and Grand Bassa (1) Counties

Distribution of cases by type of vaccine:

- Nineteen (19) measles
- Twelve (12) COVID-19
- One (1) Penta
- 👉 Cumulatively: one hundred ninety-seven (197) events reported with (159/197) 81% 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 - (38/197) 19%

### 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



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## Border Surveillance Update

**Table2: Border activity at the PoE for Incoming and Outgoing Travelers, Liberia, Epi week 19 2022**

📌 A total of 4,576 travelers recorded for the week with incoming travelers accounting for 46% (2,137/45,76)

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	69	40	29	0	0	0	0	0	0	10
	Robert Int'l Airport	3091	1380	1711	20	14	0	6	0	0	3075
Seaport	Freeport of Monrovia	110	55	55	0	0	0	0	0	0	55
	Harper	0	0	0	0	0	0	0	0	0	0
	Buchanan Port	52	26	26	0	0	0	0	0	0	26
Land Crossing	Bo Water Side	542	288	254	21	21	0	0	0	0	0
	Ganta	293	138	155	0	0	0	0	0	0	75
	Yekepa	239	122	117	0	0	0	0	0	0	54
	Loguatu	180	88	92	0	0	0	0	0	0	33
	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		4,576	2,137	2,439	41	35	0	6	0	0	3328

**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
- 📌 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



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- 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

			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
Counties																				
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	1	0	0	0	0	0	0	1	0	0	0	2	55	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Measles	A	1	15	0	13	12	6	3	10	14	7	115	35	0	0	30	261	3193	312
		D	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2	3	0
	Neonatal Tetanus	A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	22	0
		D	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0
	Yellow fever	A	0	0	0	0	1	0	2	0	0	0	0	0	0	1	1	5	37	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	0	0	2	0	0	1	0	0	0	0	0	0	0	0	3	62	23
		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	7455
		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	0	0	0	0	0	0	1	1	1	0	0	0	4	235	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	2	0	0	0	2	167	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	0	0	1	1	0	5	1	0	0	0	9	127	
	Neonatal Mortality	D	0	6	0	0	0	0	2	1	1	0	7	0	0	0	0	17	327	
	Adverse Events Following Immunization (AEFI)	A	0	0	0	1	0	11	9	0	0	0	0	0	3	0	8	32	165	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	3	4	0	3	0	1	1	1	1	1	6	9	2	0	0	32	884	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			4	27	1	19	14	18	18	13	17	9	136	49	6	1	38	370	5912	8092

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%). 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: ≥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

Epidemiological bulletin published with support from WHO and CDC

### 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](mailto:ralphica2000@gmail.com)

Phone: +231 886526388/777372655

Website: [www.nphil.gov.lr](http://www.nphil.gov.lr)

## 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.