



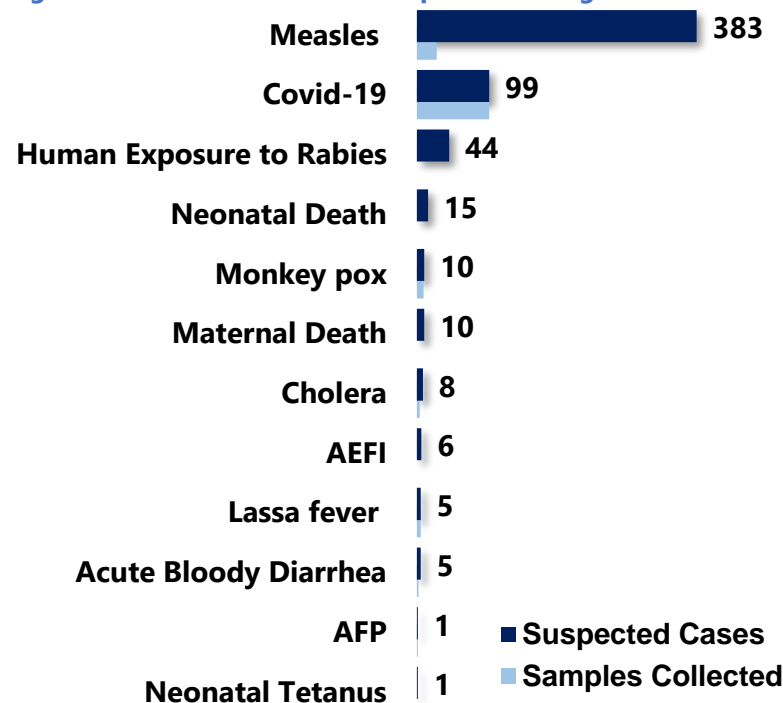
Liberia IDSR Epidemiology Bulletin

Epi-week 31 (August 1-7, 2022)

Country Population: 5,104,413 | Volume 17 Issue 31 | August 1-7, 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 **587 events** of public health importance including **34 deaths** were reported
- ♦ **Completeness and timeliness** of health facility reports were both **99%**
- ♦ **Ongoing Monkeypox outbreak in two counties**
- ♦ **Ongoing Lassa fever outbreak in two counties**
- ♦ **Ongoing Measles outbreak in 15 counties**
- ♦ **Ninety-nine new confirmed COVID-19 cases in two counties**

*Adverse Events Following Immunization /Adverse Drug Reaction

Reporting Coverage

Table 1: Health Facility Weekly IDSR Reporting Coverage, Liberia, Epi-week 31, 2022

County	Expected Reports HF*	From	Reports Received	Received Time	on	Completeness (%)	Timeliness (%)
Bomi	26		26	26		100	100
Bong	57		57	57		100	100
Gbarpolu	16		15	15		94	94
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	59		58	58		98	98
Maryland	27		27	27		100	100
Montserrado	326		326	326		100	100
Nimba	88		85	85		97	97
Rivercess	21		21	21		100	100
River Gee	20		20	20		100	100
Sinoe	37		37	37		100	100
Liberia	860		855	855		99	99

855(99%)
Health facilities reported IDSR data

91 (98%)
Health districts reported IDSR data

855 (99%)
Health facilities reported timely

- ♦ 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 time except Montserrado

Legend: ≥80 <80

Vaccine Preventable Diseases

Measles

☞ Three hundred eighty-three (383) suspected cases including 5 deaths reported: Bong (124), Montserrado (123 including 1 death), Grand Bassa (59 including 2 deaths), Nimba (20), Grand Kru (11), Maryland (11), Margibi (9), Sinoe (6), Rivercess (5), Grand Gedeh (5), Bomi (4 including 2 deaths), Lofa (2) Grand Cape Mount (2), and Gbarpolu (2), Counties.

☞ Twenty-seven (27) specimens collected and pending testing

☞ Vaccination status among suspected cases

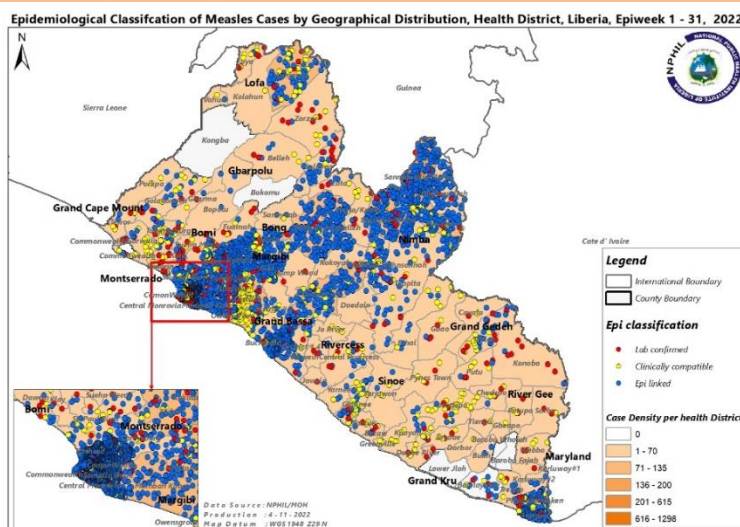
- Vaccinated: (218) 57%
- Not vaccinated: (133) 35%
- Unknown: (34) 9%

☞ Age distribution among suspected cases

- < 5 years: (230) 60%
- ≥5 years: (155) 40%

☞ Cumulatively six thousand six hundred fifteen (6,615) suspected cases have been reported including 77 deaths

- (6,168) 93% confirmed:
 - ✓ Laboratory confirmed: (394) 6%
 - ✓ Clinically compatible: (533) 9%
 - ✓ Epidemiologically linked: (5,241) 85%
- Non-measles discarded: 447
 - ✓ 26 tested positive for Rubella
- Proportion of samples collected: (1,004/6,615) 15%
- Proportion of samples tested: (841/1,004) 84%
- CFR: (77/6,168) 1.2%



Outbreak

Measles: (Situation update as of the 13th December 2021-7th August, 2022)

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

☞ One hundred twenty (120) new cases reported from Commonwealth (64), Somalia Drive (21 including one death), Bushrod (19), Central Monrovia (13), Careysburg (2) and St. Paul (1), Districts

☞ A total of 3,530 cases have been confirmed including sixty-three (63) deaths

- Median age 6 (1month-59years)
- Vaccinated - (1,698/3,530) 48%
- Unknown - (40/3,530) 1%
- CFR (63/3,530) 1.8%



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Bong County: Suakoko, Zota, Jorquelleh, Salala, and Panta Districts (Situation update as of 20th December 2021-7th August, 2022)

- 📁 One hundred sixteen (116) new cases reported from Jorquelleh (91), and Suakoko (25) Districts
- 📁 A total of 326 cases have been confirmed including two (2) deaths
 - Median age 8 (1 month - 38 years)
 - Vaccinated - (110/326) 34%
 - Unknown - (58/326) 18%
 - CFR (2/326) 0.6%

Lofa County: Voinjama, Foyah, Zorzor, and Salayea Districts (Situation update as of 21st January – 7th August, 2022)

- 📁 Two (2) new cases reported from Zorzor District
- 📁 A total of 151 cases have been confirmed
 - Median age: 10 (2 months-46years)
 - Vaccinated: (144/151) 95%
 - Unknown: (3/151) 1.9%

Nimba County: Gbehlay-Geh, Sacleapea-Mah, Zoe-Geh, Tappita, Yarwin Mehnsonnoh, and Sanniquellie-Mah Districts (Situation update as of 20th January-7th August, 2022)

- 📁 Twenty (20) new cases reported from Tappita (11), Sanniquellie-Mah (5), Sacleapea-Mah (3), and Gbehlay-Geh (1) Districts
- 📁 A total of 609 cases have been confirmed
 - Median age 7 (2 months- 48years)
 - Vaccinated: (125/609) 21%
 - Unknown: (105/609) 17.2%

Maryland County: Harper and Pleebo Districts (Situation update as of 1st February- 7th August, 2022)

- 📁 Ten (10) new cases reported from Harper (7), and Pleebo (3) Districts
- 📁 A total of 166 cases have been confirmed
 - Median age 7 (7 months-48 years)
 - Vaccinated: (19/166) 11%
 - Unknown: (100/166) 60%

Grand Bassa County: District #1, District#2, District #3A&B, District #4, Owensgrove, and Buchanan Districts (Situation update as of 22nd April-7th August, 2022)

- 📁 Sixty-three (63) new cases reported from District #3A&B (27), District#2 (15), Buchanan (11), and District #1 (10), districts
- 📁 A total of 481 cases including three (3) deaths have been confirmed
 - Median age 7 (1 month-45 years)
 - Vaccinated: (193/481) 40%
 - Unknown: (100/481) 21%
 - CFR (3/481) 0.6%

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

- 📁 Four (4) new cases reported from Klay (2 including 2 deaths) and Senjeh (2) districts
- 📁 A total of 62 cases have been confirmed including 6 deaths
 - Median age 7 (1 month-48 years)
 - Vaccinated: (30/62) 48.4%



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- Unknown: (19/62) 31%
- CFR (4/62) 6.5%

Grand Kru: Trehn District (Situation update as of 14th March – 7th August, 2022)

- 📁 Ten (10) new cases reported Barclayville (9), and Trehn (1) Districts
- 📁 A total of 29 cases have been confirmed
 - Median age 9 (53 months- 18 years)
 - Vaccinated: (21/29) 72%
 - Unknown: 0

Rivercess: Central C District (Situation update as of 16 March – 7th August, 2022)

- 📁 Two (2) new cases reported from Tambo district
- 📁 A total 24 cases have been confirmed
 - Median age 5 (6 months -36 years)
 - Vaccinated: (5/24) 21%
 - Unknown: (14/24) 58%
 - CFR: (1/24) 4.2%

Margibi County: Firestone, Gibi, Kakata, and Mamba Kaba Districts (Situation update as of 28 February–7th August, 2022)

- 📁 Fifteen (15) new cases reported from Mamba Kaba (8), Kakata (5), and Gibi (2) districts
- 📁 A total of 506 cases have been confirmed
 - Median age 6 (4 months - 67 years)
 - Vaccinated: (258/506) 51%
 - Unknown: (94/506) 19%

Grand Cape Mount County: Gola Konneh, and Garwula Districts (Situation update as of 10 March –7th August, 2022)

- 📁 Two (2) new cases reported from Tewor District
- 📁 A total of 71 cases have been confirmed
 - Median age 12 (2 months – 23 years)
 - Vaccinated: (56/71) 79%
 - Unknown (2/71) 3%
 - CFR: (3/71) 4%

Grand Gedeh County: Tchien, Konobo, B'hai, and Gbao Districts (Situation update as of 10th March –7th August, 2022)

- 📁 Four (4) new cases reported from Tchien (2), and B'hai (2) districts
- 📁 A total of 66 cases have been confirmed
 - Median age 6 (6 months-35 years)
 - Vaccinated (28/66) 42%
 - Unknown: (19/66) 29%

Gbarpolu: Belle and Kongba Districts (Situation update as of 22nd February- 7th August, 2022)

- 📁 No new case reported
- 📁 A total of 15 cases have been confirmed
 - Median age 10 (1-24 years)
 - Vaccinated: (7/15) 47%
 - Unknown: (2/15) 13%



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Sinoe: Gblonee, Dugbeh River, Kpanyan, and Jedepo Districts (Situation update as of 19th May -7th August, 2022)

- 👉 Five (5) new cases reported from Kpanyan (4) and Dugbeh River (1) Districts
- 👉 A total of 99 cases have been confirmed
 - Median age 6 (2 months-38 years)
 - Vaccinated: (58/99) 59%
 - Unknown (23/99) 23%

River Gee: Chedepo and Putu Districts (Situation update as of 29th June- 7th August, 2022)

- 👉 No new case reported
- 👉 A total of 10 cases have been confirmed
 - Median age 10 (9months-48 years)
 - Vaccinated: (8/10) 80%
 - Unknown: 0

Public Health Response

I. Coordination

- 👉 Ongoing monitoring of measles surveillance data with provision of feedback to relevant stakeholders and developmental partners

II. Epidemiological Surveillance

- 👉 Active case search and line listing of cases ongoing

III. Case management

- 👉 Isolation of cases ongoing

IV. Immunization

- 👉 **Phase 2** of the nationwide Measles campaign completed:
 - Total children targeted- 313, 817
 - Total children vaccinated- 281, 639
 - Coverage-90%
 - Age group 9-59 months
 - Supported by WHO and UNICEF
- 👉 **Phase 1:**
 - Total children targeted - 260,438
 - Total children vaccinated - 109,258
 - Coverage -42%
 - Age group 9-35 months
 - Supported by WHO and UNICEF

V. Laboratory

- Three hundred seventy-three (373) cases have been confirmed by laboratory from 62 health districts in 15 counties
- Lack of specimen collection kit in Grand Cape Mount County

II. VI. Risk Communication and Community Engagement

- Airing of measles prevention and control messages ongoing (Rivercess, Bomi and Lofa) counties

III. VII. Challenges

- Lacked of essential medications and medical supplies for case management
- No support for surveillance team for field work
- Delay lab result from NPHRL

IV. Next steps

- NPHIL/partners to procure essential drugs for case management



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- Develop national Measles preparedness and response guide.
- Develop and validate national Measles and Rubella Surveillance guide.
- Develop and validate Measles SOP.
- Continue social mobilization

Acute Flaccid Paralysis (AFP)

- 👉 One (1) case reported from Montserrado County
 - Specimen collected and shipped
- 👉 Cumulatively, seventy-five (75) cases have been reported

Neonatal Tetanus

- 👉 One (1) case reported from Bong County
- 👉 Cumulatively, thirty-four (34) clinically diagnosed cases reported

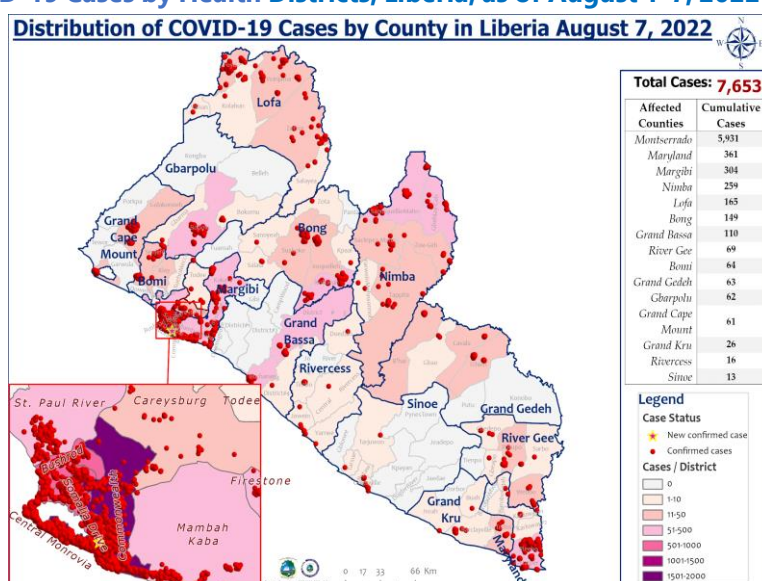
Influenza-Like Illnesses

Coronavirus Disease (COVID-19)

Outbreak

- 👉 Ninety-nine (99) new confirmed cases reported from Montserrado (86), Nimba and (13) Counties
- 👉 One hundred twenty-one (121) active cases were reported from Montserrado (105), and Nimba (16) Counties
- 👉 A total of seven hundred forty-seven (747) confirmed cases have been reported since epi week 1
- 👉 Cumulatively, seven thousand six hundred fifty-three (7,653) confirmed cases recorded including 294 deaths.

Figure 2: Geographical Distribution of Laboratory Confirmed COVID-19 Cases by Health Districts, Liberia, as of August 1-7, 2022



- 412 healthcare workers (including 8 deaths) reported with 17,823 contacts generated

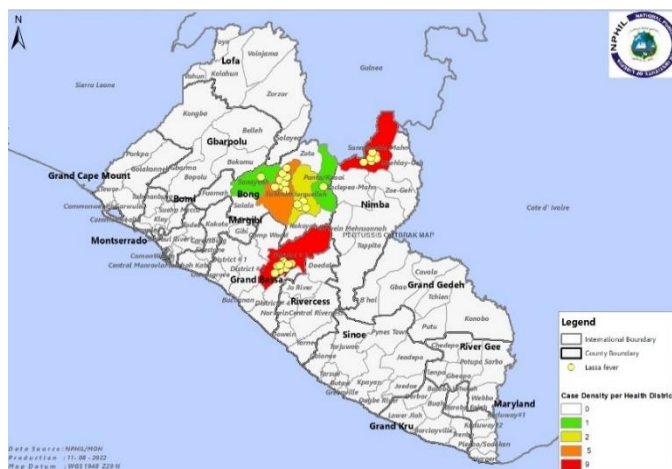
Public Health Actions

- 👉 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

Viral Hemorrhagic Diseases

Lassa fever

- 👉 Five (5) suspected cases reported from Bong (3 including 1 death), Grand Kru (1) and Nimba (1) Counties
- 👉 Five specimens collected, four tested
 - (2 positive, 2 negative) and one pending testing
- 👉 Cumulatively, one hundred (100) suspected cases have been reported including 14 deaths
 - Thirty- two (32) confirmed cases recorded including 9 deaths
 - Sixty-five (65) negatives
 - Case Fatality Rate: (9/32) 28%
 - Proportion of suspected cases with sample collected (100/100) 100%
 - Proportion of suspected cases with sample tested (97/100) 97%
 - 2 samples rejected
 - 1 pending



Geographical Distribution of Confirmed Lassa fever Cases by Health District, Liberia, Epi Week 1-31, 2022

Outbreak

Lassa fever disease: (sitrep update as of July 31, 2022)

- 👉 Two (2) new confirmed cases reported
- 👉 All contacts have completed 21 days follow up
- 👉 Cumulatively, thirty-three (33) laboratory-confirmed cases including 8 deaths reported (CFR=25.8%)

Grand Bassa County: District #3 A&B

- 👉 No new confirmed case reported
- 👉 Cumulative cases: 11
 - CFR (2/11) 18%
- 👉 Cumulative contacts: 42
 - All contacts completed 21 days follow up

Public Health Measures

- 👉 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 and Jorquelleh Districts

- 👉 Two (2) new confirmed cases reported
- 👉 Cumulatively, fourteen (14) confirmed cases including (2) deaths (CFR 14.3%)
 - Suakoko District: 9 cases and 2 deaths
 - Jorquelleh District: 3 cases
 - Sanoyea District: 1 case
 - Kpaai District: 1 case
- 👉 Total of one hundred fifty-seven (157) contacts generated



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- All contacts completed 21 days follow up

Public Health Measures

- ☞ Risk communication interventions
 - Daily health talk in all health facilities on priority diseases
 - Airing of LF preventive and control messages
- ☞ Case management
 - Isolated, managed, and discharged cases
- ☞ Surveillance
 - Active case search ongoing in the affected health districts
 - Heighten surveillance in all districts
 - Daily situational reports are shared regularly to national level

Yellow fever

- ☞ Zero suspected case reported
- ☞ Cumulatively, fifty-five (55) suspected cases have been reported
 - Proportion of suspected cases with sample collected (49/55) 89%
 - Proportion of suspected cases with sample tested (45/49) 92%
 - Samples pending testing (4/49) 8%

Diarrheal Diseases

Acute Bloody Diarrhea (Suspected Shigellosis)

- ☞ Five (5) suspected cases reported from Sinoe (3), Nimba (1), and Lofa (1) Counties
- ☞ Two (2) specimens collected and pending testing
- ☞ Cumulatively, three hundred nine (309) suspected cases reported
 - One hundred fifty (150) specimens collected; 122 received by the lab
 - 99 tested negative
 - 1 positive (Grand Gedeh)
 - 11 rejected
 - 11 specimens not tested

Severe Acute Watery Diarrhea (Suspected Cholera)

- ☞ Eight (8) suspected cases reported from Rivercess (2 including 1 death), Lofa (2), Grand Kru (1), Maryland (1), Nimba (1) and Sinoe (1) Counties
- ☞ Four specimens were collected and pending testing
- ☞ Cumulatively, two hundred thirty-three (233) suspected cases reported
 - 123 specimens collected; 73 received by the lab
 - 55 tested negative
 - 5 rejected
 - 13 specimens not tested



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Other Reportable Diseases

Animal bite (Human Exposure to Rabies)

- ✍ Forty-four (44) animal bite cases were reported: Montserrado (12), Nimba (7), Maryland (5), Lofa (5), Bong (3), Gbarpolu (2), Grand Bassa (2), Grand Gedeh (2), Margibi (2), Sinoe (1), Grand Kru (1), River Gee (1), and Rivercess (1) Counties
 - Persons received Post Exposure Prophylaxis (PEP) (4/44) 9%
- ✍ Cumulatively, one thousand three hundred four (1,304) animal bite cases reported
 - Dog bites account for 100%
 - 1-4 doses (PEP) administered to (223) 17% patients

Public Health Actions

- ✍ Administration of post exposure prophylaxis

Meningitis

- ✍ Zero suspected case reported
- ✍ Cumulatively, twenty-four (24) suspected cases reported
 - One (1) confirmed

Monkey pox

- ✍ Ten (10) suspected cases reported from Gbarpolu (3), Maryland (2), Margibi (2), Grand Bassa (1), Grand Kru (1), and Montserrado (1) Counties
- ✍ Nine (9) specimens were collected and pending testing
- ✍ Cumulatively, thirty-one (31) suspected cases reported
 - Two (2) confirmed

Outbreak

Monkey pox: (sitrep update as of August 7, 2022)

- ✍ No new confirmed case reported
- ✍ Cumulatively, 2 cases reported Seven (7) contacts have been identified and under observation

Maryland County:

- ✍ No new confirmed case reported
- ✍ Cumulatively, 1 confirmed case reported and discharged
- ✍ A total of 4 contacts including 2 health care workers have been generated

Bomi County:

- ✍ No new confirmed case reported
- ✍ Cumulatively, one (1) confirmed case reported and discharged
- ✍ A total of 3 contacts have been generated
- ✍ Contacts completed 12 days of follow up

Public Health Measures

- Active case search ongoing in the affected health districts
- Monkey pox response plan developed and disseminated to partners and stakeholders
- Daily situational reports are shared regularly to national level



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Events of Public Health Importance

Maternal Mortality

- 📁 Ten (10) deaths reported: Montserrado (5), Margibi (2), Grand Bassa (1), Bong (1), and Gbarpolu (1) Counties
 - Cause of death: Post-Partum Hemorrhage (4), Sepsis (3), ante-partum hemorrhage 1, obstructed labor 1 and Eclampsia 1
 - All deaths occurred at the health facility
- 📁 Cumulatively, one hundred ninety-eight (198) deaths have been reported
 - Proportion of deaths reviewed (49/198) 25%
 - Proportion of community deaths (18/198) 9%
 - Proportion of community deaths reviewed: (8/18) 44%

Neonatal Mortality

- 📁 Fifteen (15) deaths reported: Montserrado (6), Bong (3), Grand Bassa (2), Grand Kru (1), Margibi (1), Maryland (1) and Nimba (1) counties
 - Causes of death: Birth asphyxia (8), Preterm (3), Neonatal Sepsis (3) and Neonatal Tetanus 1
 - Thirteen (13) deaths occurred at the health facility
 - Two deaths occurred in the community
- 📁 Cumulatively, five hundred nineteen (519) deaths have been reported
 - Proportion of deaths reviewed (60/519) 12%
 - Proportion of community deaths (21/519) 4%
 - Proportion of deaths reviewed from community (8/21) 38%

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

- 📁 Six (6) cases reported: Grand Gedeh (3), Grand Bassa (1), Maryland (1) and Nimba (1 dead) Counties
 - Related vaccines:
 - Penta (3/6) 50%
 - Measles (2/6) 33%
 - BCG (1/6) 17%
- 📁 Cumulatively three hundred thirty-five (335) events reported with (225/335) 67% related to COVID-19
- 📁 Proportion of COVID-19 vaccine
 - J&J vaccine – (166/225) 74%
 - AstraZeneca – (6/225) 3%
 - Pfizer – (53/225) 24%
- 📁 Proportion of other vaccine related events – (110/335) 33%

Public Health Actions

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



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Border Surveillance Update

✎ A total of 5,285 travelers recorded for the week with incoming travelers accounting for 50% (2,644/5,285)

Table 2: Border activity at the PoE for Incoming and Outgoing Travelers, Liberia, Epi week 31, 2022

Type of Ports	Point of Entry	Weekly total	Arrival	Departure	Total travelers with YB	Yellow Book Damage	Card Replaced	Vaccinated against YF & Issued	Alerts detected/ Verified	COVID-19 Reactive	Evidence of COVID-19 vaccination card/certificate
Airport	James S. Paynes	89	49	40	89	0	0	0	0	0	10
	Robert Int'l Airport	3626	1817	1809	3599	20	0	7	0	0	3608
Seaport	Freeport of Monrovia	232	116	116	232	0	0	0	0	0	232
	Buchanan Port	136	68	68	136	0	0	0	0	0	136
Land Crossing	Bo Water Side	651	410	241	453	148	50	0	0	0	343
	Ganta	327	89	238	301	19	7	0	0	0	58
	Yekepa	49	19	30	19	30	0	0	0	0	30
	Loguatu	175	76	99	160	10	5	0	0	0	19
Total		5,285	2,644	2,641	4,989	227	62	7	0	0	4,436

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

- Production and publication of situational reports
- Training of IDSR 3rd edition ongoing in Nimba and Lofa Counties
- Influenza sentinel training ongoing in Bong and Nimba Counties
- RRT district level training ongoing in Grand Cape Mount County
- Conducted Simulation exercise in Grand Cape Mount County

✎ Operational Activity

- Continued support for operational activities ongoing

County level

✎ Surveillance

- Conducting Measles vaccination campaign
- 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	1	0	0	0	0	1	75	0
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	Measles	A	4	124	2	59	2	5	11	2	9	11	123	20	5	0	6	383	6,615	394
		D	2	0	0	2	0	0	0	0	0	0	1	0	0	0	0	5	77	0
	Neonatal Tetanus	A	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	34	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	55	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	0	0	0	1	0	0	0	0	1	0	0	0	5	100	32
		D	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	30	9
Influenza-Like Illnesses	COVID-19	A	0	0	0	0	0	0	0	0	0	0	86	13	0	0	0	99	747	7,529
		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	0	0	0	0	1	0	0	0	1	0	0	3	5	309	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	1	2	0	1	0	1	2	0	1	8	233	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	1	0	0	0	0	2	0	5	0	0	0	0	10	198	
	Neonatal Mortality	D	0	3	0	2	0	0	1	0	1	1	6	1	0	0	0	15	519	
	Adverse Events Following Immunization (AEFI)	A	0	0	0	1	0	3	0	0	0	1	0	1	0	0	0	6	335	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	Monkeypox	A	0	0	3	1	0	0	1	0	2	2	1	0	0	0	0	10	31	2
		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	3	2	2	0	2	1	5	2	5	12	7	1	1	1	44	1,304	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	24	1
		D	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	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			6	136	8	68	2	10	16	10	16	21	235	45	8	1	11	593	10690	8262

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 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

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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.