



Liberia Ebola Daily Sitrep no. 188 for 19th November 2014

Ministry of Health and Social Welfare

Ebola Case and Death Summary by County

County	DAILY EMAIL REPORT			New deaths ¹
	New ¹ suspected and probable			
	Total	Suspect	Probable	
Bomi	0	0	0	0
Bong	8	8	0	8
Gbarpolu	0	0	0	0
Grand Bassa	0	0	0	0
Grand Cape Mount	2↑	0	2	0
Grand Gedeh	0	0	0	0
Grand Kru	0	0	0	0
Lofa	0	0	0	0
Margibi	5↑↑	4	1	0
Maryland	0	0	0	0
Montserrado	15	12	3	11
Nimba	5↑↑	4	1	0
River Gee	0	0	0	0
River Cess	0	0	0	0
Sinoe	1↑	1	0	2
NATIONAL	36	29	7	21

VHF DATABASE Cumulative ² cases 23 May- November 19th 2014				Cumulative deaths ²
Total	Suspect	Probable	Confirmed	
285	84	66	135	158
308	173	32	103	88
20	10	3	7	5
139	39	67	33	60
96	38	26	32	54
10	8	0	2	5
34	14	16	4	25
641	167	149	325	376
1214	396	482	336	534
21	15	2	4	17
3921	1600	737	1584	1576
326	80	136	110	50
19	7	5	7	8
42	9	16	17	25
31	10	3	18	11
7107	2650	1740	2717	2992



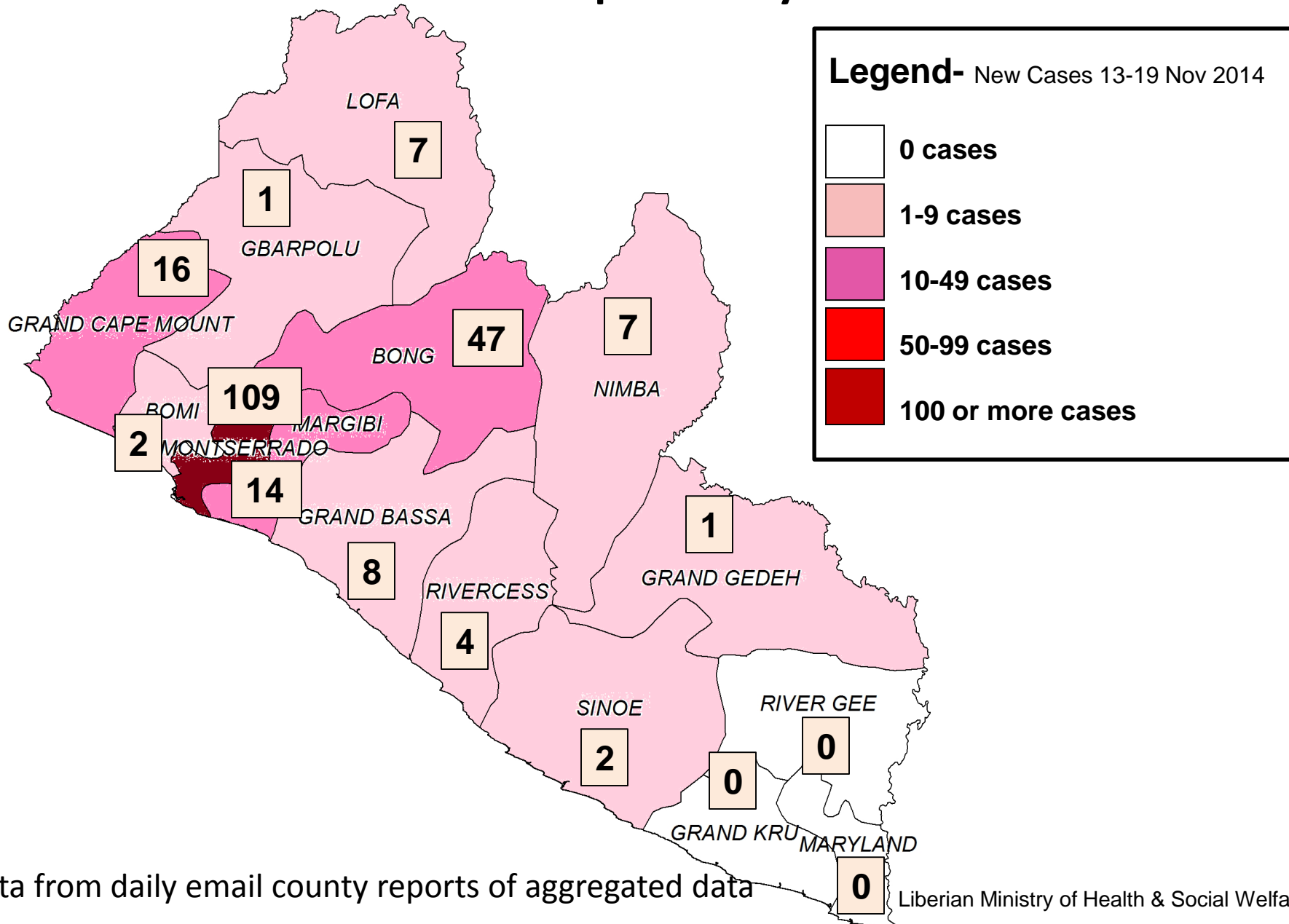
County did not report for the day

(↑increase and ↑↑ big increase compared to previous days)

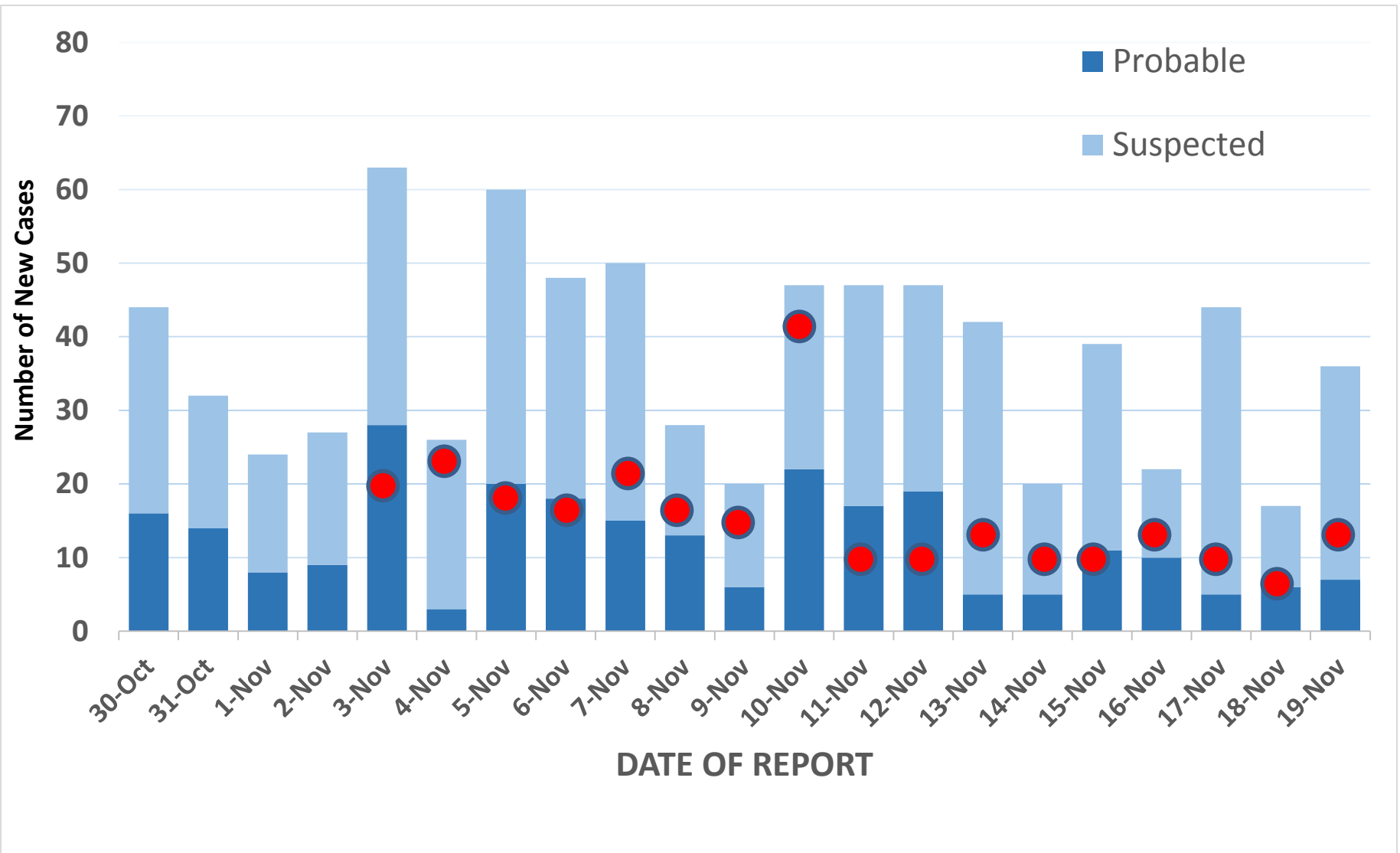
¹ From daily email county reports of aggregated data for that day

² From individual-level data from the Case Investigation form; cases may be reclassified according to surveillance case definitions

New¹ suspected and probable cases by County over the past 7 days



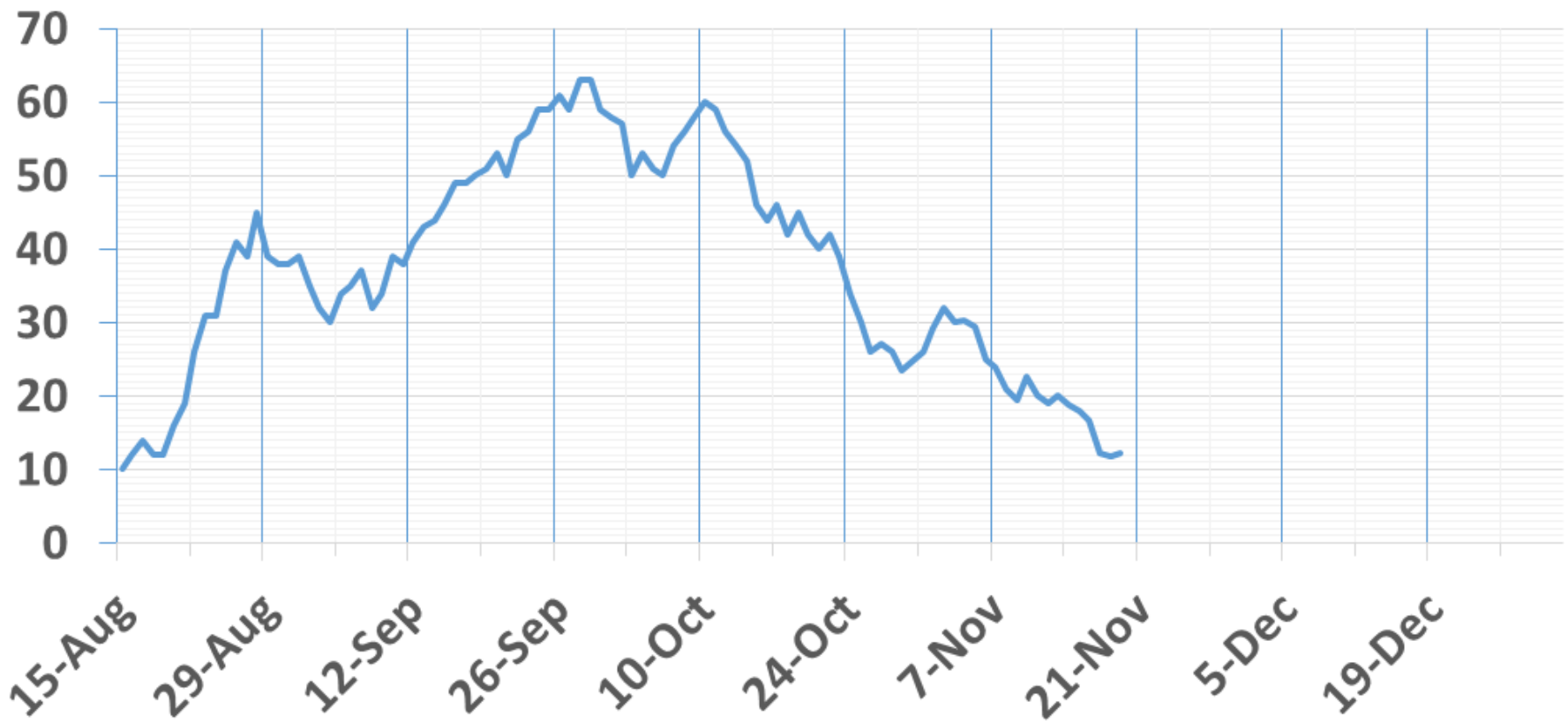
New¹ Cases Reported by Date, Past 21 Days



¹ Data from daily email county reports of aggregated data

Laboratory confirm cases

Number of laboratory-confirmed Ebola cases per day*



The trend line shows the number of the laboratory confirmed cases of Ebola per day in Liberia. The number for each day is presented as the mean of the last 7 days. Thereby the day to day variations are eliminated in order to show the time trend more clearly. Duplicate samples from the same patient have been removed from the data presented above. From the beginning of November no such duplication remain.

The above trend curve is presently the best representation available for the Ebola Epidemic in Liberia, but throughout the months covered there are cases, mainly deaths in the communities that are not diagnosed.

There are no evidence from community studies and observations that the number of missed cases per day have increased since the peak of the epidemic. It is difficult to estimate how many cases are missed per day but the number of investigation of identified smaller outbreaks in remote communities suggests that they mainly occur in remote rural areas and that the numbers are small in the Montserrato county, including the capital Monrovia. It seems improbable that the number of missed cases per day constitute a higher number than those that are confirmed.

Laboratory Confirmed Cases on November 19, 2014

County	New Confirmed Cases	
	Alive	Dead
Bomi	0	0
Bong	1	0
Gbarpolu	0	0
Grand Bassa	0	0
Grand Cape Mount	2	1
Grand Gedeh	0	0
Grand Kru	0	0
Lofa	0	0
Margibi	0	0
Maryland	0	0
Montserrado	8	0
Nimba	0	0
Rivergee	0	0
Rivercess	0	0
Sinoe	0	0
National	11	1

Healthcare Worker (HCW) Cases and Deaths

County	New ¹ HCW Cases	New ¹ HCW Deaths	Cummulative ² HCW Cases	Cummulative ² HCW Deaths
Bomi	0	0	18	14
Bong	0	0	29	16
Garpolu	0	0	0	0
Grand Bassa	0	0	8	4
Grand Cape Mount	0	0	7	3
Grand Gedeh	0	0	0	0
Grand Kru	0	0	0	0
Lofa	0	0	22	16
Margibi	0	0	69	37
Maryland	0	0	1	0
Montserrado	0	0	173	80
Nimba	0	0	12	2
River Gee	0	0	2	0
River Cess	0	0	0	0
Sinoe	0	0	1	0
NATIONAL	0	0	342	172

¹ Data from daily email county reports

 County did not report

² Data from epiinfo VHF database


Admissions, Currently in Treatment, and Discharges

	CCC/Holding Centers			Ebola Treatment Units		
	New admissions	Currently in treatment	Discharges (not including transferred)	New admissions	Currently in treatment	Discharges
Bomi	0	0	0	0	3	2
Bong	/	/	/	6	35	2
Gbarpolu	0	0	0	/	/	/
Grand Bassa	0	20	0	/	/	/
Grand Cape Mount	/	/	/	/	/	/
Grand Gedeh	0	1	0	/	/	/
Grand Kru	0	0	0	/	/	/
Lofa	/	/	/	0	0	0
Margibi	3	28	0	/	/	/
Maryland	0	0	0	/	/	/
Montserrado	/	/	/	5*	55*	13*
Nimba	/	/	/	0	1	8
River Gee	0	0	0	/	/	/
River Cess	/	/	/	/	/	/
Sinoe	0	2	0	/	/	/
NATIONAL	3	51	0	11	94	25

 County without CCC/HC or ETUs

Data from daily email county reports

*Incomplete ETUs report

 County did not report

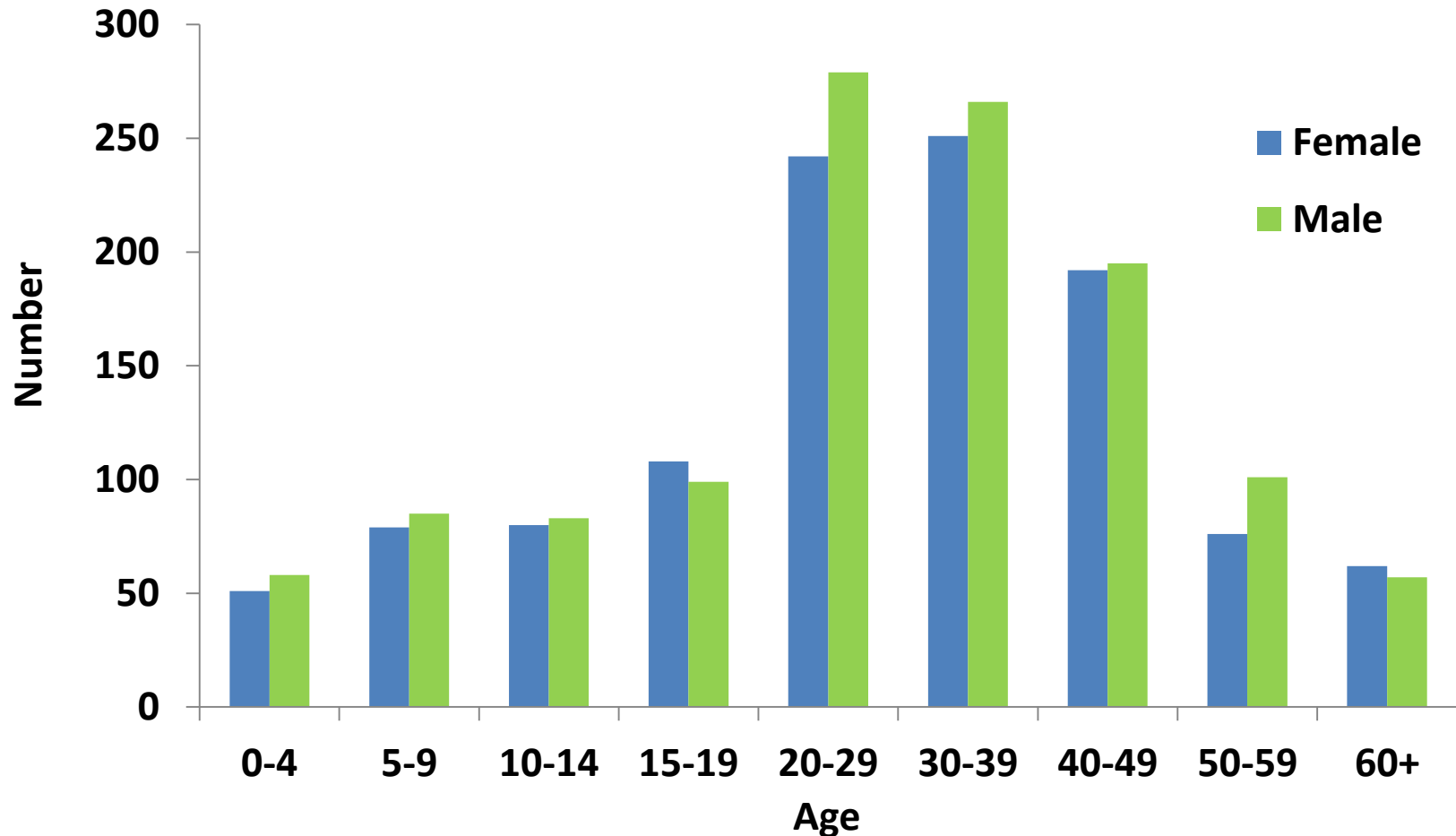
Admissions, Currently in Treatment, and Discharges: Montserrado

	Ebola Treatment Units in Montserrado County		
	New admissions	Currently in treatment	Discharges
ELWA 2	1	24	12
ELWA 3	3	19	1
Island Clinic			
MOD1	1	14	0
Total	5	57	13



ETU did not report

Admitted ETU Cases by Age Group and Gender, June 1-November 18, 2014 (N=2364)



Mean age = 30 years

Laboratory Samples Evaluated

Laboratory	Total	New Positive	Repeat Positive	Negative	Indeterminate
National Reference lab at LIBR	18	3	0	15	0
Mobile lab in Bong	17	1	2	14	0
Mobile lab in Island	11	5	3	1	2
Mobile lab in Lofa	0	0	0	0	0
Mobile lab in ELWA	15	3	1	11	0
Total	61	12	6	41	2

Contact Investigation Summary

County	Newly reported contacts	Currently under follow-up	Contacts seen on day	Contacts who completed 21 days follow-up	Contacts lost to follow-up
Bomi	0	318	226	0	0
Bong	14	198	198	0	0
Gbarpolu	0	57	31	15	0
Grand Bassa	0	59	30	1	29
Grand Cape Mount	18	286	286	2	0
Grand Gedeh	0	1	1	0	0
Grand Kru	0	0	0	0	0
Lofa	0	102	100	0	0
Margibi	45	2013	2013	0	0
Maryland	0	17	17	0	0
Montserrado	211	3148	3140	146	0
Nimba	0	32	32	18	0
River Gee	0	0	0	0	0
River Cess	0	91	91	0	0
Sinoe	18	82	64	0	0
NATIONAL	306	6404	6229	182	29

Data from daily email county reports



County did not report

County Highlights

Bomi

- Three patients were transferred from the holding unit to the newly opened ETU

Montserrado

- 5 listed contacts became symptomatic
- 4 children age 15, 14, 13, and 8 years are being quarantined in a home in Mount Barclay but are in urgent need of food

Sinoe

- Safe Burial was conducted by the DHO and community members in Butaw for an unexplained death of a man in Pornkpo

Bong

- There were seven suspected community deaths but due to the lack of resources, no sample could be collected.