

Corona Virus Disease (COVID-19) Situational Report

Report No.320 Date of Issue 13th February 2021, 3pm

HIGHLIGHTS

- This is the 46th week of the COVID-19 outbreak in Sierra Leone (Epi week 06 of 2021).
- As of 13th February, 2021, there were 3,821 confirmed COVID-19 cases, 79 deaths and 2559 recoveries in Sierra Leone
- 697 COVID 19 tests (205 departures) were performed in the last 24 hours in five laboratories with a daily positivity of 0.6 %
- There were 4 new COVID-19 cases, 24 recoveries and 0 death reported in the last 24 hours.
- The new cases were from WAU (1), Bo (2) and Bonthe (1). Two (2) of the cases were departures, 1 suspect and 1 contact
- Current bed occupancy in COVID-19 community treatment and care centres (CTC/CCC) nationally is 17.7 %
- Total COVID 19 tests conducted to date is 119,273 (15.56/1,000)
- Case Fatality Rate (CFR) is 2.1% (excluding community deaths)
- Nationwide cumulative discharges from quarantine homes is 14,052
- 245 (6.4%) COVID-19 cases are among health workers
- Distribution of 2nd wave cases (Dec/Jan/Feb) by source (N=1409): Suspect cases 35.2%; Departures 28.5%; Surge cases 1.3%; Arrivals 8.9 %; contacts 1.3%; local travellers 24.8%
- Distribution of 2nd wave cases by district (N=1409): WAU 64.4 %; WAR 20.2%; other districts 6.6 %; inbound travellers 8.8 %
- What is the attitude of the people around the world regarding the COVID-19 vaccination? - See Fig 2

New	Confirmed	4
	Recoveries	24
	Deaths	0
Cumulative	Confirmed	3821
	Cases in Treatment and Care Centres	187
	Recoveries	2559
	Deaths	79
Case Fatality Rate (%)		2.1%

Summary of COVID-19 Cases in Sierra Leone as at 13th February, 2021								
District	Confirmed Cases			Deaths		Tests		Days Since Last Confirmed Case
	New Confirmed Cases	Cumulative Confirmed Cases	Proportion of Total Cases	New Deaths	Cumulative Deaths	Tests Conducted last 24 Hrs		
Western Area Urban	1	2083	54.5%	0	65	438	0	
Western Area Rural	0	573	15.0%	0	1	50	2	
Port Loko	0	129	3.4%	0	1	5	14	
Kenema	0	140	3.7%	0	4	27	8	
Tonkolili	0	88	2.3%	0	0		2	
Bombali	0	56	1.5%	0	4	5	12	
Bonthe	1	95	2.5%	0	0	47	0	
Bo	2	129	3.4%	0	2	22	0	
Koinadugu	0	40	1.0%	0	0		1	
Falaba	0	11	0.3%	0	0		190	
Kailahun	0	91	2.4%	0	0		3	
Moyamba	0	66	1.7%	0	0		8	
Pujehun	0	39	1.0%	0	0		14	
Kono	0	84	2.2%	0	2		8	
Kambia	0	32	0.8%	0	0	5	28	
Karene	0	11	0.3%	0	0		198	
Incoming passengers	0	154	4.0%	0	0	98	4	
Total	4	3821	100.0%	0	79	697	-	



Government of Sierra Leone

Sierra Leone Ministry of Health and Sanitation



Government of Sierra Leone

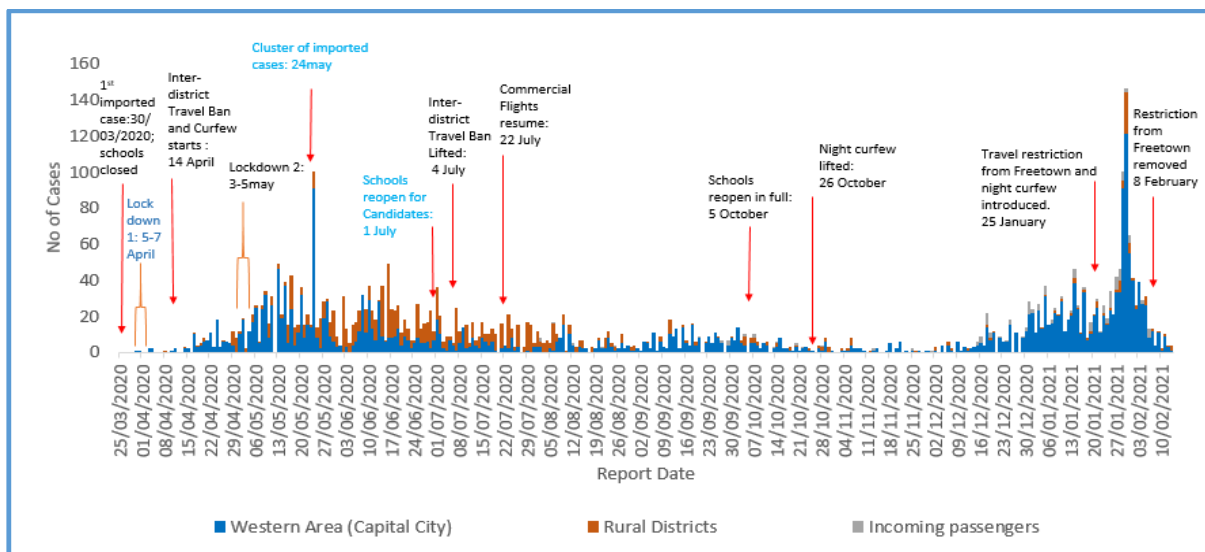


Figure 1: Daily COVID-19 Cases in Sierra Leone as of 13th February, 2021; Western Area includes Western Urban and Western Rural Districts; Rural Districts includes all other 14 Districts

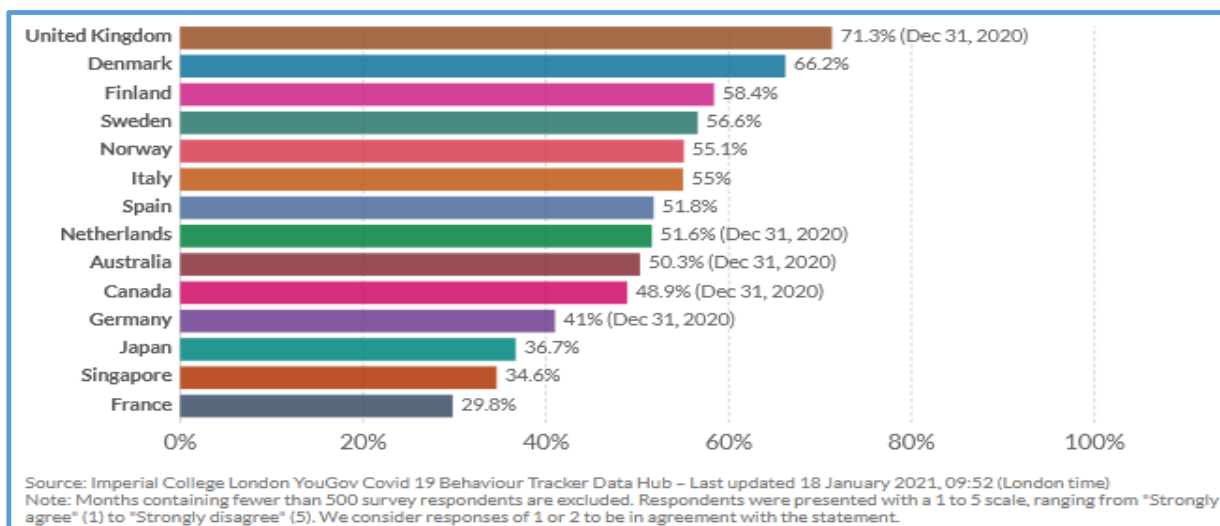


Figure 2: Percentage of people who say they would get the COVID-19 vaccine if it was available to them
Source: <https://ourworldindata.org/covid-vaccinations>

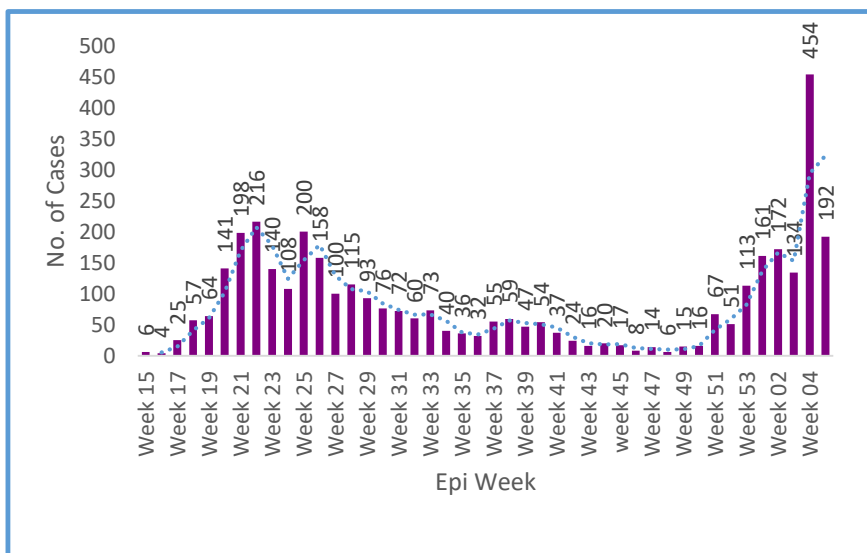
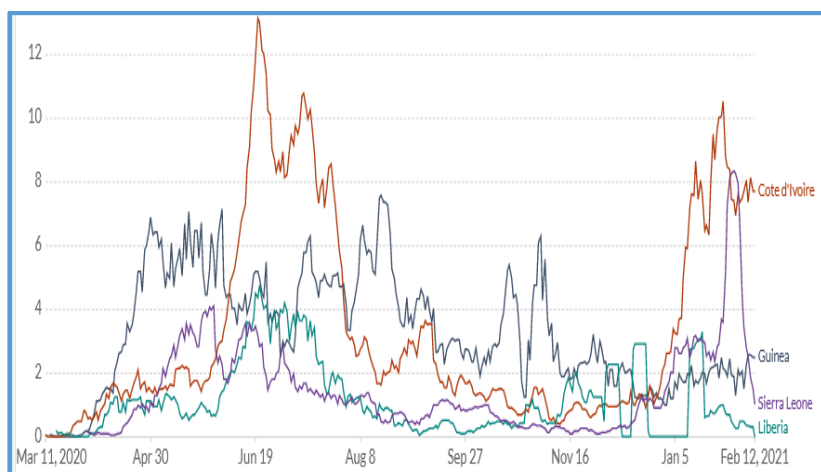


Figure 3: Weekly COVID 19 Cases detected in Sierra Leone

- People around the world have varying attitudes towards the COVID-19 vaccine
 - People who say they would accept the COVID-19 vaccination are more in United Kingdom (71%) and Denmark (66%) compared to France (30%) and Singapore (35%) (Fig 2)
- Cases reported over the last 7 days in SL**
- Cases for Epi week 05 in SL decreased by 58 % compared to Epi week 04 (Fig 3)
 - 49 cases have been reported in SL over the last 7 days compared to 244 in the previous 7 days (80 % decrease)
 - The seven day daily moving average is 7.0
 - Average daily alerts from 117 in Sierra Leone in the last 7 days were 19

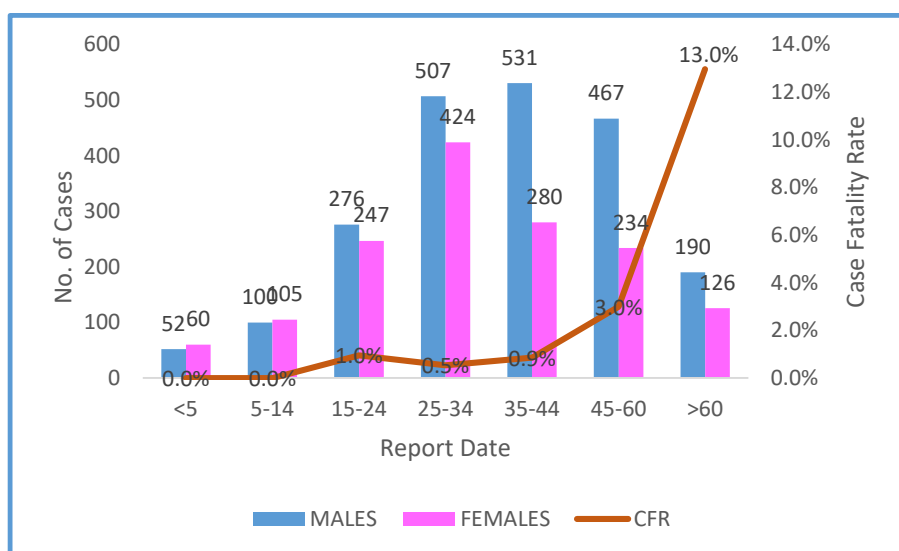


Trend in MRU Countries

- The 2nd wave that has been witnessed in recent weeks in Ivory Coast and Sierra Leone is now on a declining trend (Fig 4)
- Ivory Coast currently has the highest daily burden per capita compared to other MRU countries
- The 2nd wave peak in Sierra Leone was more massive than in the first wave

Figure 4: Trend of Daily COVID-19 cases (7 days rolling average) per million people, Mano River Union Countries

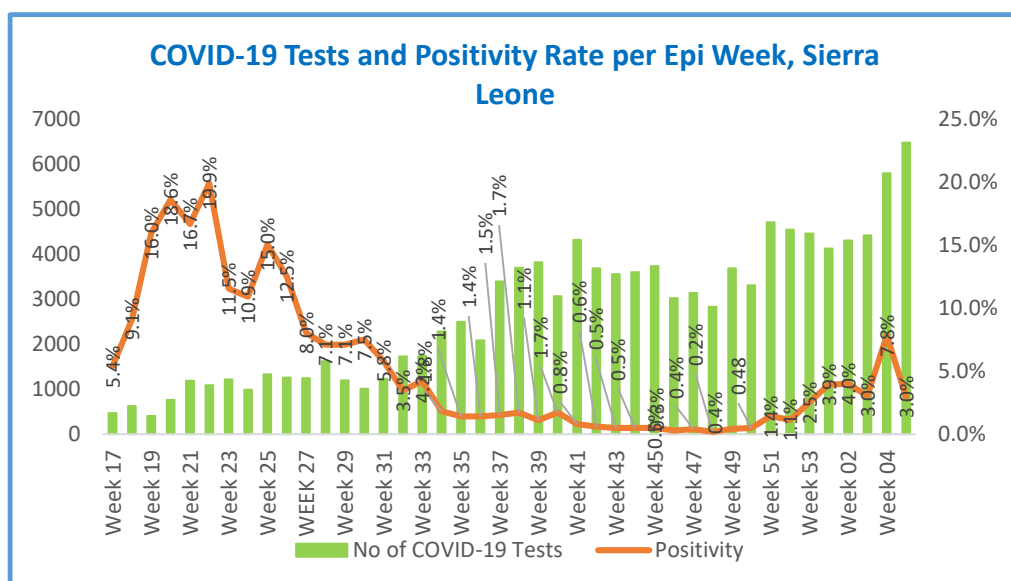
Source: <https://ourworldindata.org/covid-cases>



Cases in Sierra Leone

- **Males= 59 %; Females =41%**
- **Median Age all Cases= 34 years** (range <1-98 years)
- **Median age females = 31 years**
- **Median Age Males= 36 years**
- **Cases < 45 years =71%**
- **67% of deaths are males**
- **Median age of deaths: 61.5 years**
- **Overall CFR: 2.1%**
- **CFR: Males 2.5%; Females 1.8%**
- **CFR: >60years = 13.0%** (Fig 5)
- **CFR 45-60 years: 3.0%**

Figure 5: Age-Sex Distribution and CFR of COVID 19 cases in Sierra Leone



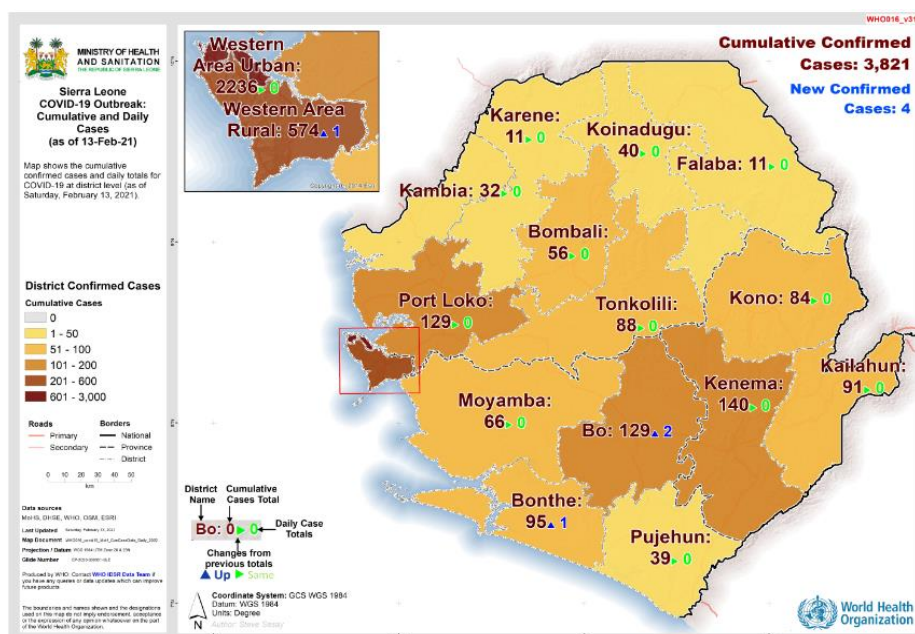
119,273
Total COVID-19 Tests

15.56
Tests/1000 population

Figure 6: COVID 19 Test and Positivity Rate per Epi Week



- The number of tests conducted last week (Epi week 05) were **6473** and increased by **12%** compared to Epi Week 04 (5790); positivity rate for the week decreased from 7.8% to **3.0%** (Fig 6)
- Average number of daily tests in the last 7 days is **571**
- Cumulative number of COVID-19 tests conducted is **119,273 (15.56 tests/1000 population)**
- Average positivity rate of **ALL** samples tested for COVID-19 is **3.2 %**
- **7 out of 16 districts** reported COVID-19 cases over the last 7 days
- National attack rate is **49.8 per 100,000** people
- Districts with highest COVID-19 attack rate: Western Area Urban, Western Area Rural, Bonthe, Bo, Kenema and Port Loko
- **100%** of contacts currently under follow up were reached by contact tracers in the last 24 hours
- **98 %** of persons in quarantine are under **Self-Quarantine**



District	Total COVID-19 Cases	Cases/100,000 Population
Western Area Urban	2083	173.6
Western Area Rural	573	112.5
Bo	129	35.3
Bonthe	95	42.4
Kenema	140	20.9
Kono	84	14.8
Tonkolili	88	15.4
Moyamba	66	18.1
Kambia	32	8.1
Bombali	56	11.6
Port Loko	129	20.8
Kailahun	91	14.7
Koinadugu	40	14.5
Falaba	11	5.7
Pujehun	39	9.8
Karene	11	5.2
Incoming passengers	154	
Total	3821	49.8

Figure 7: Geographic distribution and attack rate of COVID 19 cases in Sierra Leone as of 13/02/ 2021

Technical Areas	Variable	No
Contact Tracing	Cumulative No. of Contacts Listed	14,032
	Total No. of contacts currently under monitoring	406
	Total No. of contacts reached in the last 24 hours	406 (100 %)
Quarantine	Total No. Currently under quarantine	406
	Self-Quarantine	398(98 %)
	Institutional Quarantine	8 (2%)
Laboratory Testing	Laboratory tests done in last 24 hours	697
	No of positive tests in last 24 hours (%)	4 (0.6%)
	Cumulative number of tests	119,273
Event Based Surveillance (Last 24 hrs.)	Total Alerts Received through 117 System	95
	No. of COVID related alerts	8
	No. of COVID related alerts investigated	8

This Situation Report was developed by:

Ministry of Health and Sanitation, Sierra Leone

For any comments or inquiries contact:

eocnsr2020@gmail.com