

## Corona Virus Disease (COVID-19) Situational Report

Report No.321 Date of Issue 14th February 2021, 3pm

### HIGHLIGHTS

- This is the last day of the 46th week of the COVID-19 outbreak in **Sierra Leone** (Epi week 06 of 2021).
- As of **14th February, 2021**, there were **3,823 confirmed** COVID-19 cases, **79 deaths** and **2573 recoveries** in Sierra Leone
- **585 COVID 19 tests (210 departures)** were performed in the last 24 hours in five laboratories with a daily positivity of **0.3 %**
- There were **2 new COVID-19 cases**, **12 recoveries** and **0 death** reported in the last 24 hours.
- The new cases were from **WAU (1)**, **Moyamba (1)**. The **Two (2)** cases were suspects
- Current bed occupancy in COVID-19 community treatment and care centres (CTC/CCC) nationally is **16.3 %**
- Total **COVID 19 tests** conducted to date is **119,858** (15.64/1,000)
- Case Fatality Rate (CFR) is **2.1%** (excluding community deaths)
- Nationwide cumulative discharges from quarantine homes is **14,117**
- **245 (6.4%)** COVID-19 cases are among **health workers**
- **Distribution of 2<sup>nd</sup> wave cases (Dec/Jan/Feb) by source** (N=1411): Suspect cases 35.3%; Departures 28.4%; Surge cases 1.3%; Arrivals 8.9 %; contacts 1.3%; local travellers 24.8%
- **Distribution of 2<sup>nd</sup> wave cases by district** (N=1411): WAU 64.4 %; WAR 20.1%; other districts 6.7% ; inbound travellers 8.8 %
- How are countries fairing on with COVID-19 vaccination? - See Fig 2

New	Confirmed	2
	Recoveries	12
	Deaths	0
Cumulative	Confirmed	3823
	Cases in Treatment and Care Centres	171
	Recoveries	2571
	Deaths	79
Case Fatality Rate (%)		2.1%

Summary of COVID-19 Cases in Sierra Leone as at 14th February, 2021							
District	Confirmed Cases			Deaths		Tests	
	New	Cumulative	Proportion of Total	New Deaths	Cumulative	Tests Conducted	Days Since Last
	Confirmed Cases						
Western Area Urban	1	2084	54.5%	0	65	246	0
Western Area Rural	0	573	15.0%	0	1	33	3
Port Loko	0	129	3.4%	0	1	2	15
Kenema	0	140	3.7%	0	4	3	9
Tonkolili	0	88	2.3%	0	0	2	3
Bombali	0	56	1.5%	0	4	6	13
Bonthe	0	95	2.5%	0	0	65	1
Bo	0	129	3.4%	0	2	4	1
Koinadugu	0	40	1.0%	0	0		2
Falaba	0	11	0.3%	0	0		191
Kailahun	0	91	2.4%	0	0	6	4
Moyamba	1	67	1.8%	0	0	13	0
Pujehun	0	39	1.0%	0	0		15
Kono	0	84	2.2%	0	2		9
Kambia	0	32	0.8%	0	0	6	29
Karene	0	11	0.3%	0	0		199
Incoming passengers	0	154	4.0%	0	0	199	5
<b>Total</b>	<b>2</b>	<b>3823</b>	<b>100.0%</b>	<b>0</b>	<b>79</b>	<b>585</b>	<b>-</b>



Government of Sierra Leone

# Sierra Leone Ministry of Health and Sanitation



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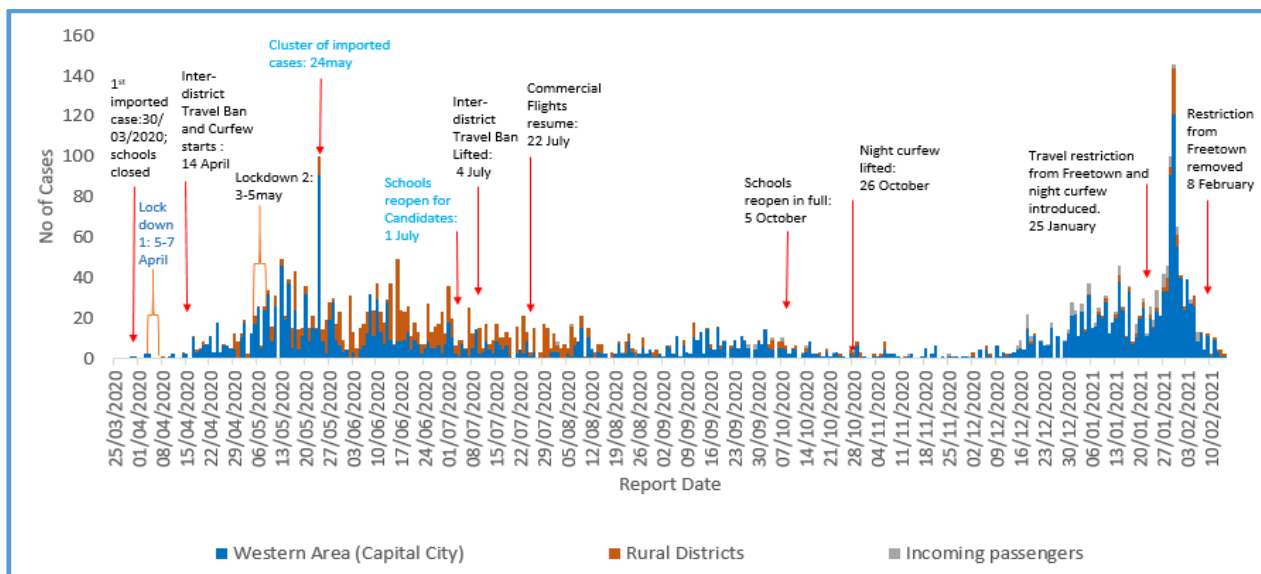


Figure 1: Daily COVID-19 Cases in Sierra Leone as of 14th February, 2021; Western Area includes Western Urban and Western Rural Districts; Rural Districts includes all other 14 Districts

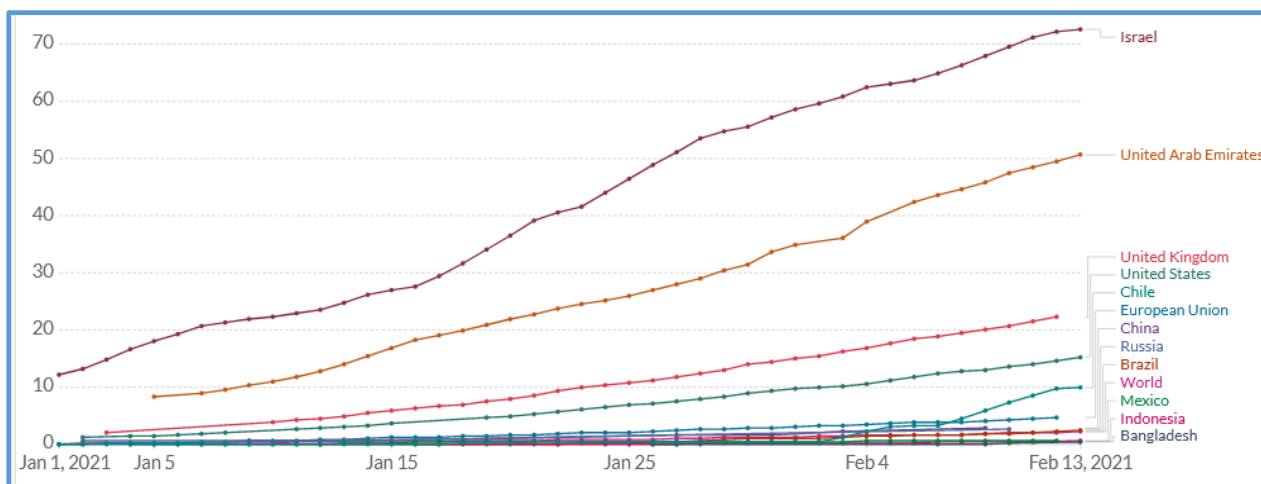


Figure 2: Cumulative COVID-19 vaccination doses administered per 100 people in selected countries  
Source: <https://ourworldindata.org/covid-vaccinations>

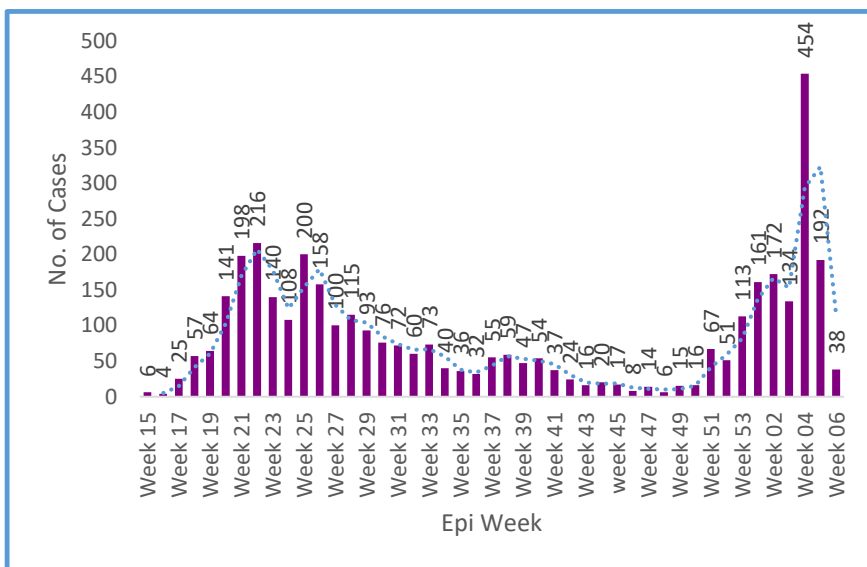
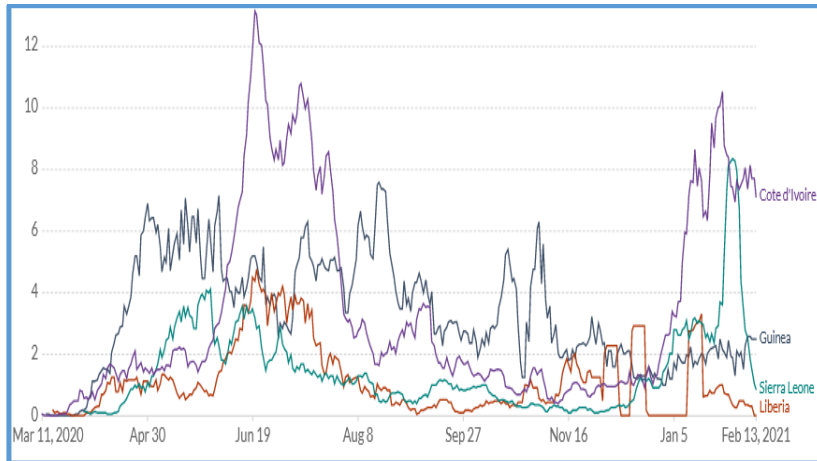


Figure 3: Weekly COVID 19 Cases detected in Sierra Leone

- Countries are at various levels of the COVID-19 vaccination drive
  - Globally only about 2 vaccines doses per 100 people have been administered (Fig 2)
  - Countries with highest vaccination rate include Israel and United Arab Emirates (Fig 2)
- Cases reported over the last 7 days in SL**
- Cases for Epi week 06 in SL decreased by 80 % compared to Epi week 05 (Fig 3)
  - 38 cases have been reported in SL over the last 7 days compared to 192 in the previous 7 days (80 % decrease)
  - The seven day daily moving average is 5.4
  - Average daily alerts from 117 in Sierra Leone in the last 7 days were 19

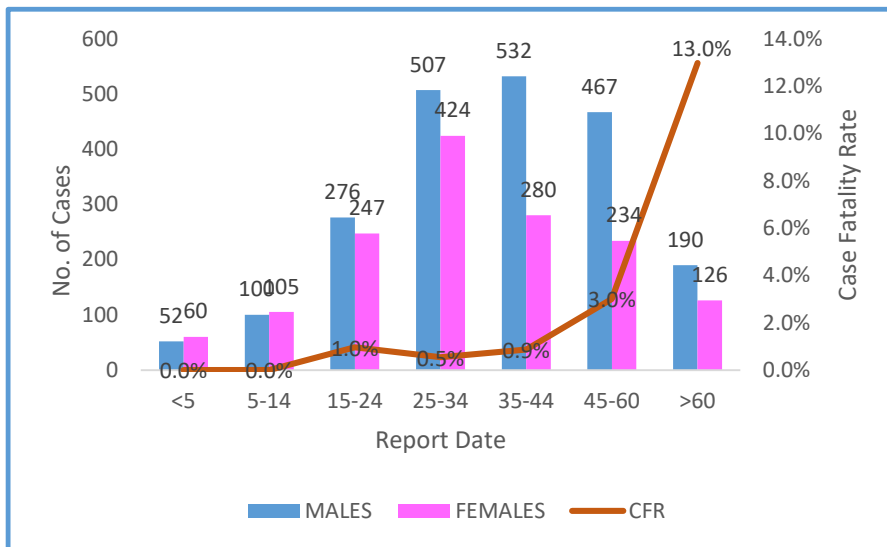


**Trend in MRU Countries**

- The 2<sup>nd</sup> 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 2<sup>nd</sup> 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

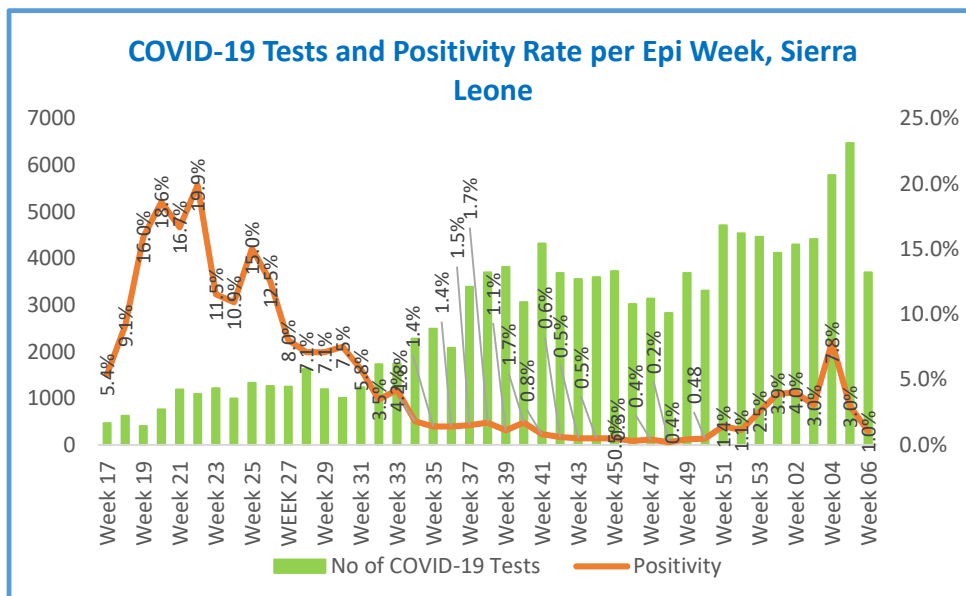
Source: <https://ourworldindata.org/covid-cases>



**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

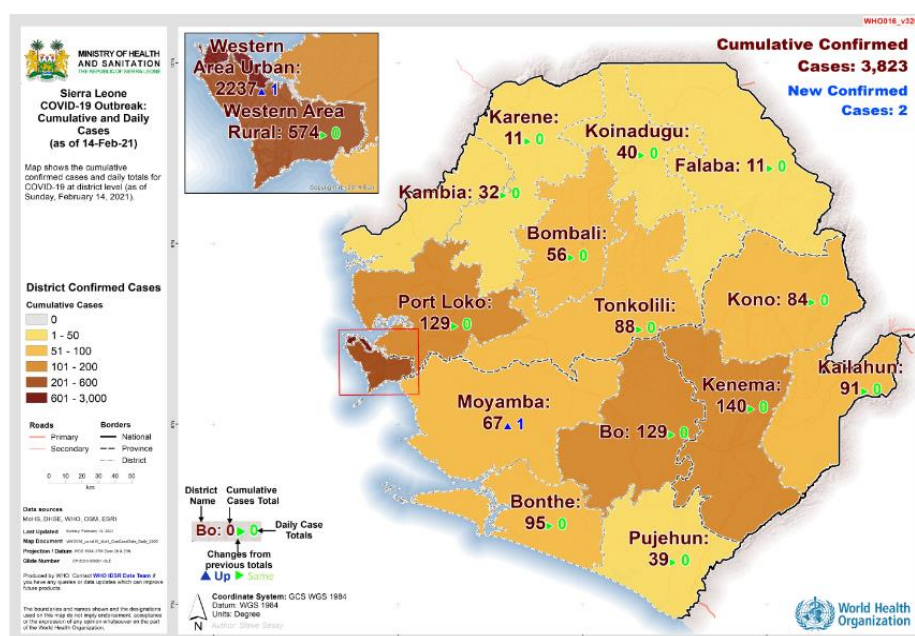


**119,858**  
Total COVID-19 Tests

**15.64**  
Tests/1000 population

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

- The number of tests conducted this week (Epi week 06) were **3701** and decreased by **43%** compared to Epi Week 05 (6473); positivity rate for the week decreased from 3.0% to **1.0%** (Fig 6)
- Average number of daily tests in the last 7 days is **528**
- Cumulative number of COVID-19 tests conducted is **119,858 (15.64 tests/1000 population)**
- Average positivity rate of **ALL** samples tested for COVID-19 is **3.2 %**
- **8 out of 16 districts** reported COVID-19 cases over the last 7 days
- National attack rate is **49.9 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
- **99.7 %** of persons in quarantine are under **Self-Quarantine**



District	Total COVID-19 Cases	Cases/100,000 Population
Western Area Urban	2084	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	67	18.3
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	
<b>Total</b>	<b>3823</b>	<b>49.9</b>

Figure 7: Geographic distribution and attack rate of COVID 19 cases in Sierra Leone as of 14/02/ 2021

Technical Areas	Variable	No
<b>Contact Tracing</b>	Cumulative No. of Contacts Listed	14,117
	Total No. of contacts currently under monitoring	341
	Total No. of contacts reached in the last 24 hours	341 (100 %)
<b>Quarantine</b>	Total No. Currently under quarantine	341
	Self-Quarantine	340(99.7 %)
	Institutional Quarantine	1 (0.3%)
<b>Laboratory Testing</b>	Laboratory tests done in last 24 hours	585
	No of positive tests in last 24 hours (%)	2 (0.3%)
	Cumulative number of tests	119,858
<b>Event Based Surveillance (Last 24 hrs.)</b>	Total Alerts Received through 117 System	78
	No. of COVID related alerts	8
	No. of COVID related alerts investigated	8

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