Corona Virus Disease (COVID-19) Situational Report

Report No.134  Date of Issue 11th August, 2020, 3pm

HIGHLIGHTS

- This is the 20th week of the COVID-19 outbreak in Sierra Leone
- As of 11th August 2020, there were 1,932 confirmed COVID-19 cases, 69 deaths and 1478 recoveries in Sierra Leone
- There were 15 new COVID-19 case, 31 recoveries and 0 deaths reported in the last 24 hours
- The new case cases were from WAU (8), WAR (2), Port Loko (2), Moyamba (1), Kailahun (1), Pujehun(1)
- There are currently 385 active cases in treatment/isolation centres
- 464 COVID 19 tests (second highest in a day) were conducted in the last 24 hours in four laboratories. Positivity rate was 3.2 %.
- Total COVID 19 tests conducted to date is 20,450 (2.67/1000)
- Overall Case Fatality Rate (CFR) is 3.6%
- 172 (8.9%) COVID-19 cases are among health workers
- The number of cases in Sierra Leone in the last 2 weeks have decreased by 5% compared to the previous two weeks (Fig 2)
- Surge testing is ongoing in Western Area Urban

<table>
<thead>
<tr>
<th>New Confirmed Cases</th>
<th>Confirmed Cases</th>
<th>Proportion of Total Cases</th>
<th>New Deaths</th>
<th>Cumulative Deaths</th>
<th>Days Since Last Confirmed Case</th>
</tr>
</thead>
<tbody>
<tr>
<td>Western Area Urban</td>
<td>8</td>
<td>884</td>
<td>45.8%</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Western Area Rural</td>
<td>2</td>
<td>221</td>
<td>11.4%</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Port Loko</td>
<td>2</td>
<td>101</td>
<td>5.2%</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Kenema</td>
<td>0</td>
<td>117</td>
<td>6.1%</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Tonkolili</td>
<td>0</td>
<td>78</td>
<td>4.0%</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Bombali</td>
<td>0</td>
<td>44</td>
<td>2.3%</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Bonthe</td>
<td>0</td>
<td>87</td>
<td>4.5%</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Bo</td>
<td>0</td>
<td>102</td>
<td>5.3%</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Koinadugu</td>
<td>0</td>
<td>36</td>
<td>1.9%</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Falaba</td>
<td>0</td>
<td>11</td>
<td>0.5%</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Kailahun</td>
<td>1</td>
<td>57</td>
<td>3.0%</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Moyamba</td>
<td>1</td>
<td>53</td>
<td>2.7%</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Pujehun</td>
<td>1</td>
<td>26</td>
<td>1.3%</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Kono</td>
<td>0</td>
<td>71</td>
<td>3.7%</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Kambia</td>
<td>0</td>
<td>30</td>
<td>1.6%</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Karene</td>
<td>0</td>
<td>11</td>
<td>0.6%</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Incoming passengers</td>
<td>0</td>
<td>3</td>
<td>0.2%</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td>15</td>
<td>1932</td>
<td>100.0%</td>
<td>0</td>
<td>69</td>
</tr>
</tbody>
</table>

COVID-19 SITREP Sierra Leone
This is the first day of the 20th week of the COVID-19 outbreak in Sierra Leone.
- Cases in week 32 increased by 22%.
- Most countries in Africa had reduced cases in the last 2 weeks compared to the previous 2 weeks.
- Among countries that had the highest increase in cases is Libya (106%), Morocco (166%), and Norway 283%.
- Incidence in Sierra Leone is 252 per million.

Cases reported over the last 7 days:
- 77 cases have been reported over the last 7 days.
- The seven day moving average is 11.0
**COVID-19 Mortality**

- **47 (68%)** of deaths are among males
- **Average age** of COVID-19 related deaths = **58 years**
- **Overall CFR** = **3.6%**
- **CFR among males** = **4.5%**
- **CFR among females** = **2.5%**
- **CFR among cases > 60 years** = **22.0%**
- **CFR 45-60 years** is **5.9%**

**COVID-19 Tests and Positivity Rate per Epi Week, Sierra Leone**

- **No of COVID-19 Tests**
- **Positivity Rate**

**Figure 4: Age Distribution and Age Specific CFR**

- **Males** = **1038 (54.1%)**
- **Median Age** all cases = **33 years** (range <1-98 years)
- **Median age females** = **30 years**
- **Median Age Males** = **36 years**
- **More males affected after 35 yrs**
- **Cases < 45 years** = **1,421 (74%)**

**Figure 5: Age-Sex Distribution of COVID 19 cases**

**Figure 6: COVID-19 Tests and Positivity Rate per Week, Sierra Leone**
Tests conducted have increased gradually in the last 4 weeks. Positivity has been declining but it increased in Week 32 (positivity 4.2%) compared to Week 31 (positivity 3.5%).

Number of tests conducted last week (Wk 32) is now the highest at 1742 with a positivity of 4.2%. Average number of daily tests in the last 7 days is 298 with an average positivity of 3.7%.

Cumulative number of COVID-19 tests conducted is 20,450 (2.67 tests/1000 population).

Average positivity rate of ALL samples tested for COVID-19 is 9.4%.

10 out of 16 districts reported COVID-19 cases over the last 7 days.

National attack rate is 25.2/100,000.

Districts with highest COVID-19 attack rate: Western Area Urban, Western Area Rural, Bonthe, Bo and Kenema.

98% of contacts currently under follow up were reached by contact tracers.

79.1% of persons under quarantine are under self-quarantine.

Figure 7: Geographic distribution and attack rate of COVID 19 cases in Sierra Leone as of 11/08/2020.